

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
 Data File : BF118909.D
 Acq On : 12 Feb 2020 10:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/13/2020 3:34:13 PM

Quant Time: Feb 13 00:13:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	275292	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1058102	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	606888	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1204352	20.00	ng	0.00
76) Chrysene-d12	13.97	240	815744	20.00	ng	0.00
87) Perylene-d12	15.42	264	794539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1615395	111.08	ng	0.00
7) Phenol-d6	6.46	99	1531171	84.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	1483745	83.58	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	637752	87.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2766094	81.48	ng	0.00
79) Terphenyl-d14	12.92	244	3501166	88.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	362621	54.712	ng	100
3) Pyridine	3.27	79	1047970	56.943	ng	98
4) n-Nitrosodimethylamine	3.22	42	396757	59.212	ng	98
6) Aniline	6.47	93	944797	40.634	ng	# 58
8) 2-Chlorophenol	6.60	128	703245	43.414	ng	98
9) Benzaldehyde	6.36	77	445249	44.437	ng	99
10) Phenol	6.47	94	816377	40.669	ng	75
11) bis(2-Chloroethyl)ether	6.55	93	667452	43.461	ng	97
12) 1,3-Dichlorobenzene	6.75	146	832203	43.161	ng	100
13) 1,4-Dichlorobenzene	6.83	146	838680	43.607	ng	99
14) 1,2-Dichlorobenzene	6.99	146	758796	41.301	ng	99
15) Benzyl Alcohol	6.96	79	606899	43.491	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	790069	42.009	ng	85
17) 2-Methylphenol	7.07	107	583458	43.324	ng	96
18) Hexachloroethane	7.32	117	304549	44.119	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	474238	42.933	ng	99
20) 3+4-Methylphenols	7.23	107	662201	39.228	ng	93
22) Acetophenone	7.22	105	944823	41.100	ng	# 98
24) Nitrobenzene	7.40	77	742152	41.849	ng	96
25) Isophorone	7.64	82	1349510	42.299	ng	98
26) 2-Nitrophenol	7.71	139	417014	44.129	ng	99
27) 2,4-Dimethylphenol	7.75	122	542830	42.287	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	882012	42.634	ng	99
29) 2,4-Dichlorophenol	7.96	162	645753	42.006	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	752338	41.869	ng	100
31) Naphthalene	8.12	128	2028767	41.923	ng	100
32) Benzoic acid	7.90	122	428491	40.317	ng	99
33) 4-Chloroaniline	8.16	127	917473	42.375	ng	99
34) Hexachlorobutadiene	8.23	225	476786	43.310	ng	98
35) Caprolactam	8.56	113	213098m	42.760	ng	
36) 4-Chloro-3-methylphenol	8.66	107	662165	42.801	ng	100
37) 2-Methylnaphthalene	8.80	142	1400224	41.719	ng	97
38) 1-Methylnaphthalene	8.90	142	1318217	41.751	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	758807	41.428	ng	100

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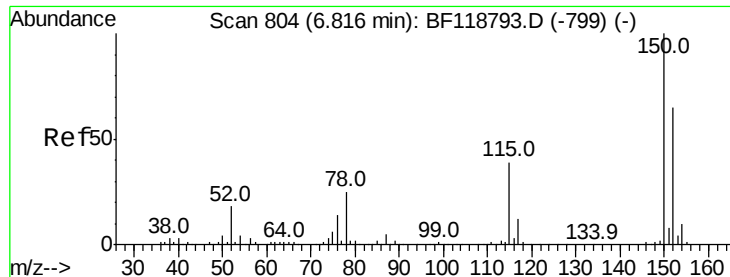
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	267997	37.314	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	504378	41.180	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	520952	41.626	nq	95
46) 1,1'-Biphenyl	9.27	154	1746319	41.598	nq	98
47) 2-Chloronaphthalene	9.30	162	1451289	41.584	nq	100
48) 2-Nitroaniline	9.39	65	441437	43.854	nq	92
49) Acenaphthylene	9.71	152	2098012	41.634	nq	100
50) Dimethylphthalate	9.57	163	1836391	44.440	nq	99
51) 2,6-Dinitrotoluene	9.64	165	404250	42.754	nq	93
52) Acenaphthene	9.89	154	1266673	38.146	nq	100
53) 3-Nitroaniline	9.81	138	455210	43.411	nq	98
54) 2,4-Dinitrophenol	9.92	184	200397	44.087	nq	98
55) Dibenzofuran	10.06	168	1891348	39.413	nq	99
56) 4-Nitrophenol	9.97	139	281371	37.075	nq	97
57) 2,4-Dinitrotoluene	10.05	165	526637	42.088	nq	# 84
58) Fluorene	10.40	166	1507142	41.746	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	442501	40.487	nq	98
60) Diethylphthalate	10.27	149	1720977	42.829	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	796359	40.674	nq	96
62) 4-Nitroaniline	10.43	138	487784	46.451	nq	97
63) Azobenzene	10.55	77	1533034	44.688	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	301398	44.537	nq	99
66) n-Nitrosodiphenylamine	10.51	169	1423242	40.798	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	592381	41.579	nq	95
68) Hexachlorobenzene	10.95	284	666899	40.811	nq	99
69) Atrazine	11.03	200	456745	39.299	nq	100
70) Pentachlorophenol	11.14	266	299568	34.719	nq	99
71) Phenanthrene	11.36	178	2325655	39.248	nq	99
72) Anthracene	11.41	178	2360141	40.037	nq	100
73) Carbazole	11.56	167	2168527	41.917	nq	99
74) Di-n-butylphthalate	11.89	149	2753699	41.784	nq	99
75) Fluoranthene	12.54	202	2555553	39.500	nq	99
77) Benzidine	12.66	184	1133523	45.942	nq	99
78) Pyrene	12.77	202	2537841	45.349	nq	100
80) Butylbenzylphthalate	13.39	149	1212614	47.474	nq	99
81) Benzo(a)anthracene	13.96	228	2132456	43.930	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	881645	44.408	nq	98
83) Chrysene	14.00	228	2058635	42.255	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1600095	49.376	nq	99
85) Di-n-octyl phthalate	14.56	149	2491669	44.881	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	1944243	39.720	nq	100
88) Benzo(b)fluoranthene	15.00	252	2212925	44.884	nq	100
89) Benzo(k)fluoranthene	15.03	252	1738213	40.487	nq	99
90) Benzo(a)pyrene	15.36	252	1795645	42.557	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1586306	42.350	nq	99
92) Benzo(g,h,i)perylene	17.31	276	1555673	43.186	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

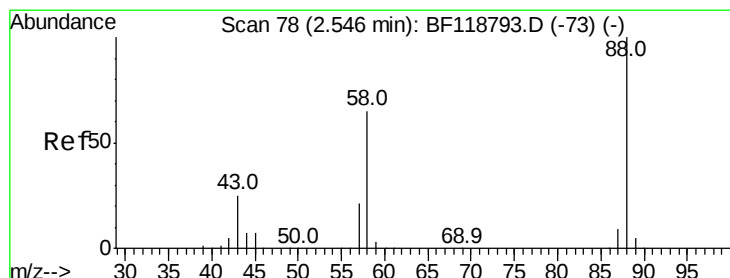
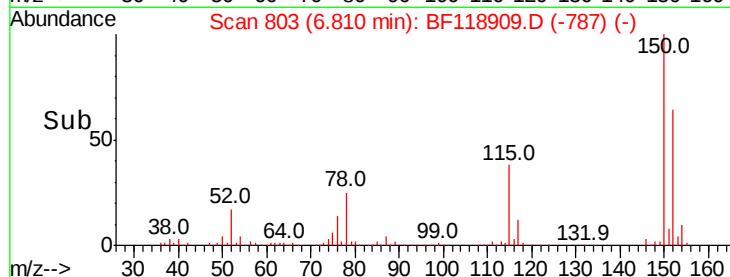
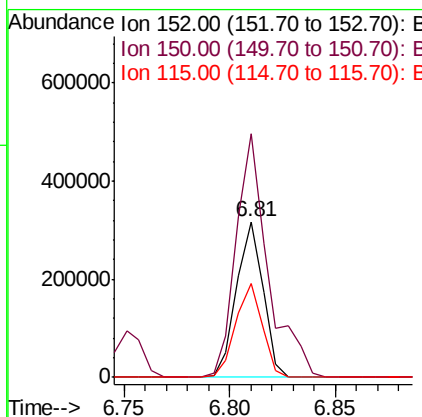
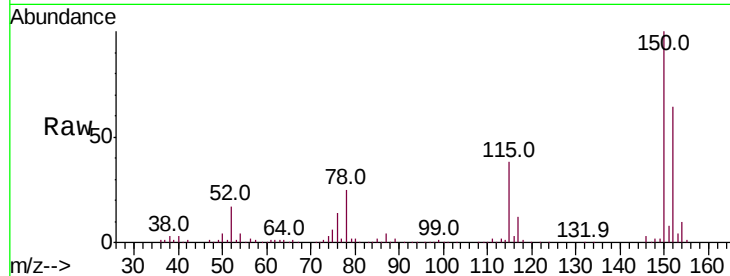
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.6	185.4
115	60.0	48.2	72.2

Manual Integrations
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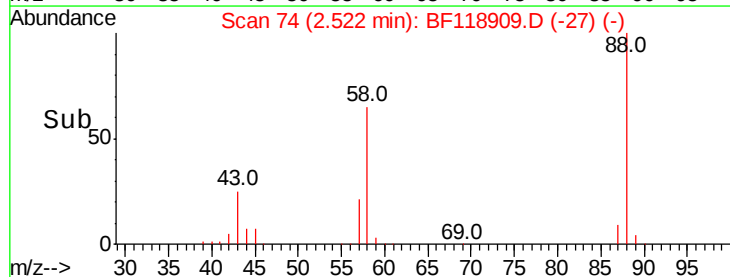
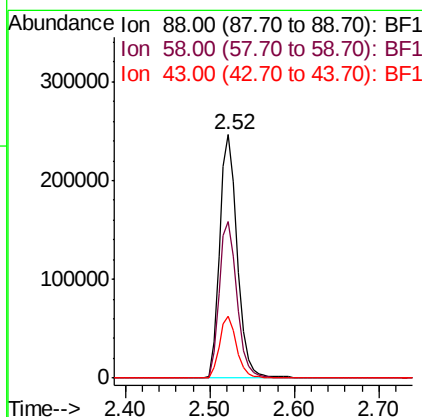
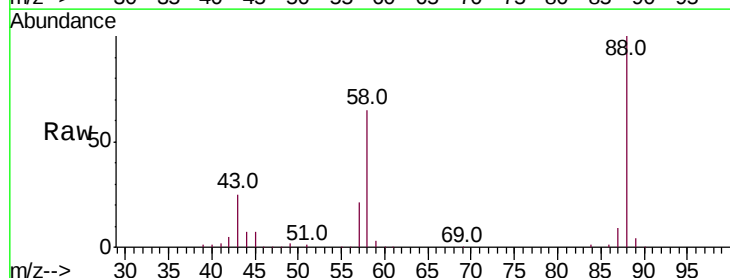
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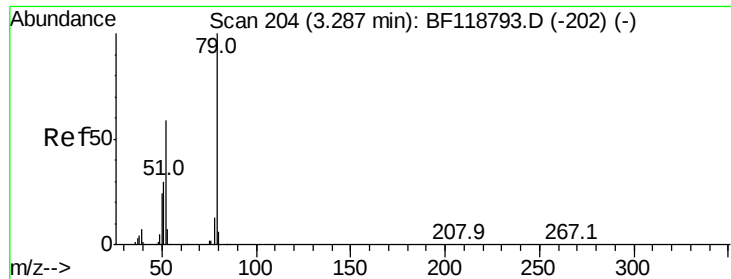


#2

1,4-Dioxane
Concen: 54.712 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.02 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	51.6	77.4
43	24.9	19.8	29.6





#3

Pvridine

Concen: 56.943 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1047970

Ion Ratio Lower Upper

79 100

52 61.4 47.4 71.0

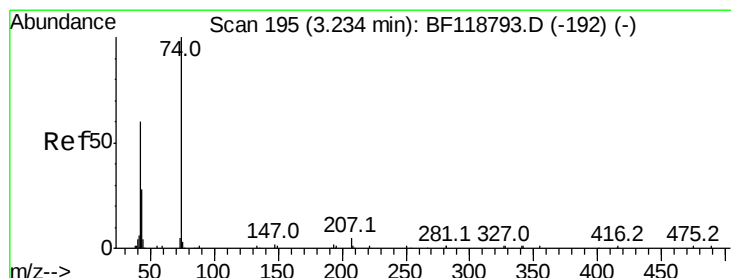
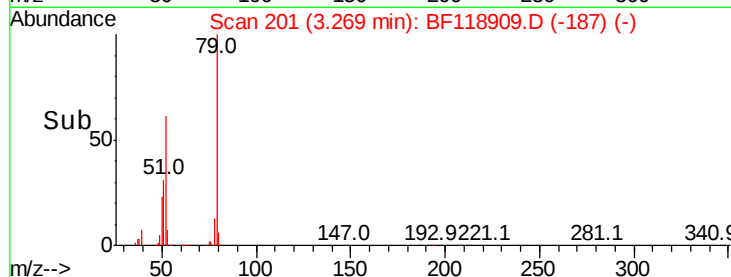
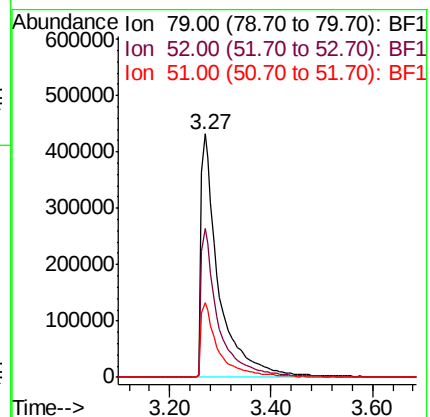
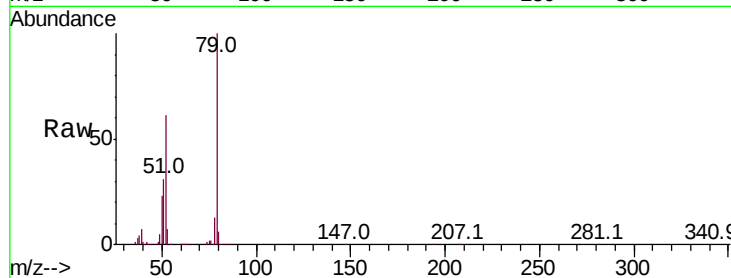
51 30.7 24.2 36.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 59.212 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

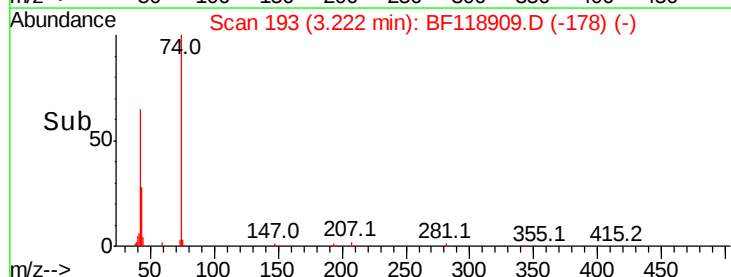
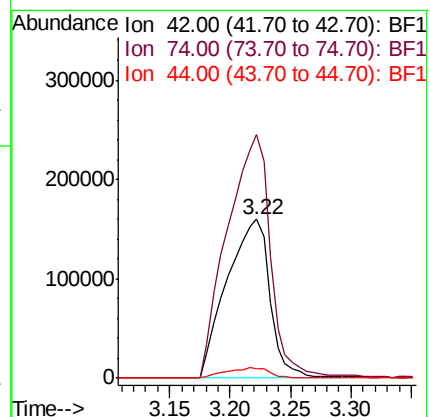
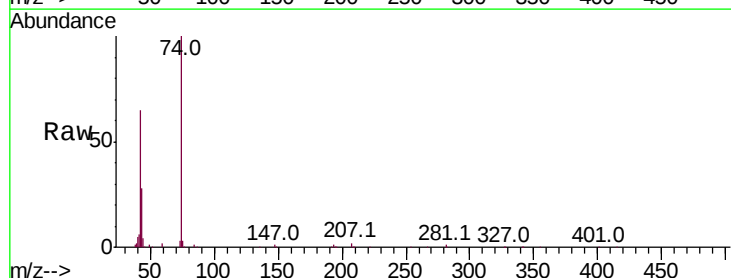
Tgt Ion: 42 Resp: 396757

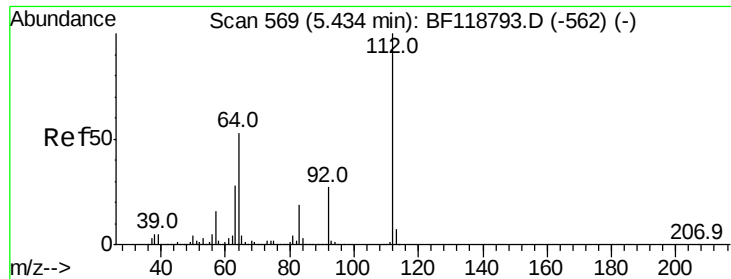
Ion Ratio Lower Upper

42 100

74 153.4 124.3 186.5

44 6.0 5.3 7.9





#5

2-Fluorophenol

Concen: 111.076 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1615395

Ion Ratio Lower Upper

112 100

64 55.9 42.6 63.8

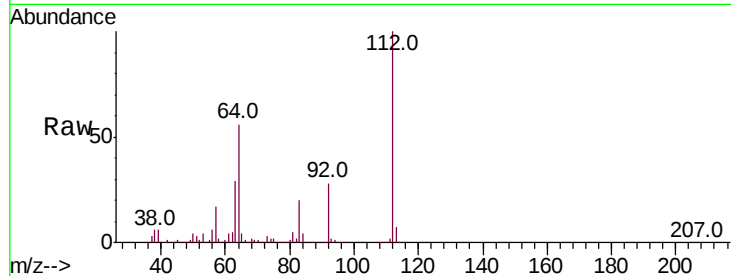
63 29.3 22.2 33.4

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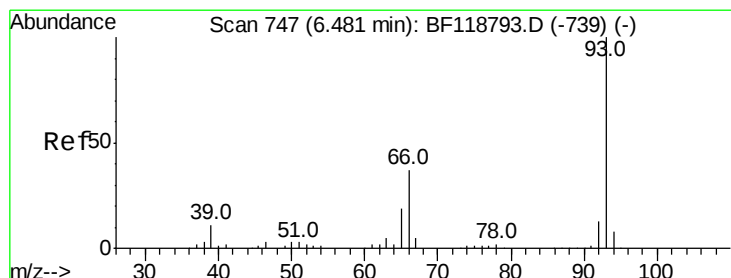
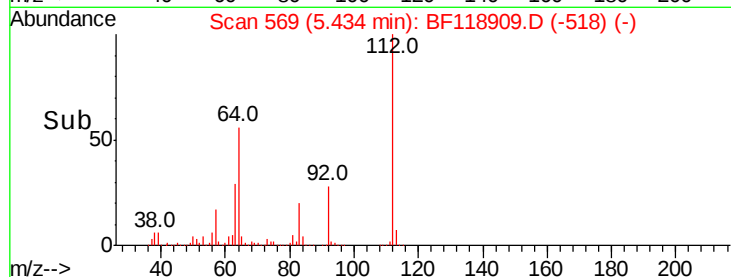
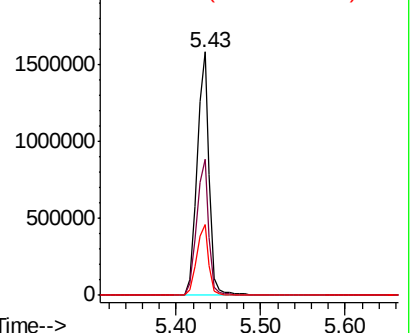
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.634 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

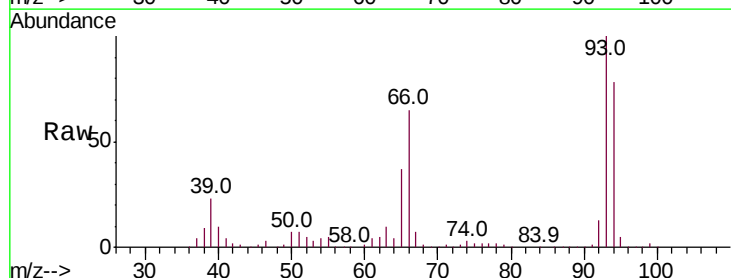
Tgt Ion: 93 Resp: 944797

Ion Ratio Lower Upper

93 100

66 64.7 30.8 46.2#

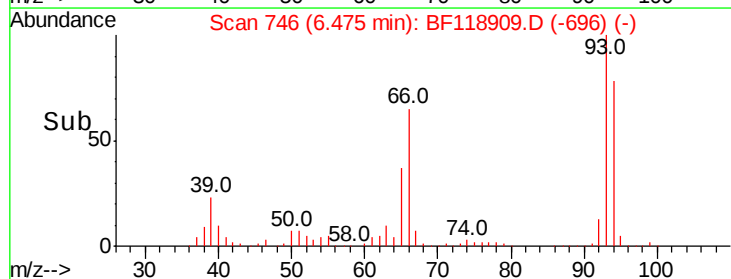
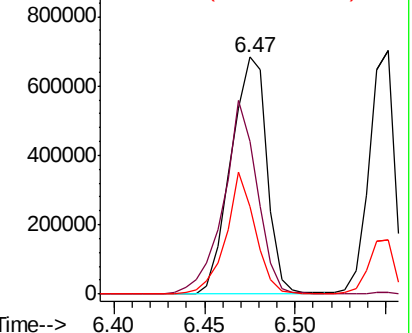
65 37.1 15.4 23.0#

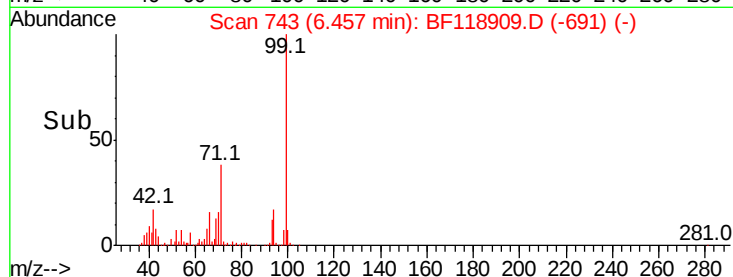
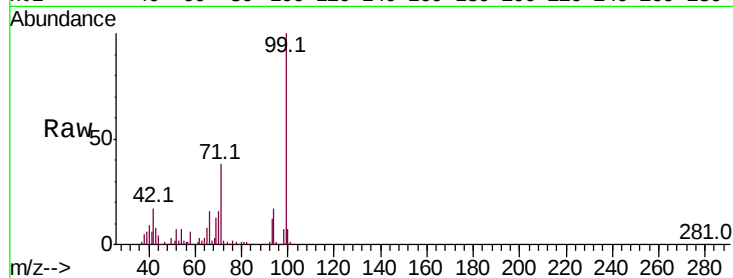
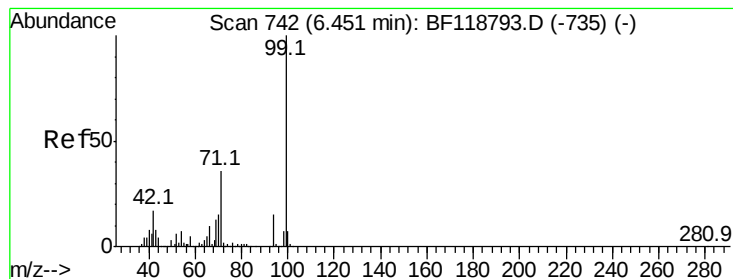


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.814 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.3	13.4	20.0	
71	37.7	29.0	43.6	

Instrument :

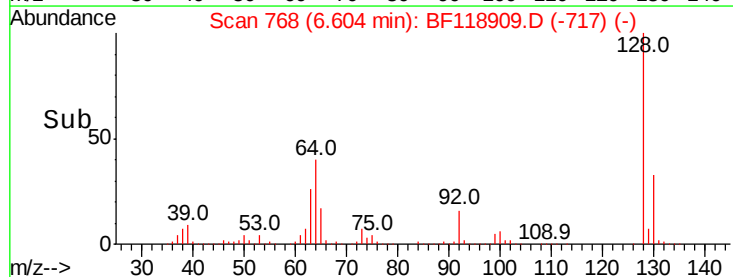
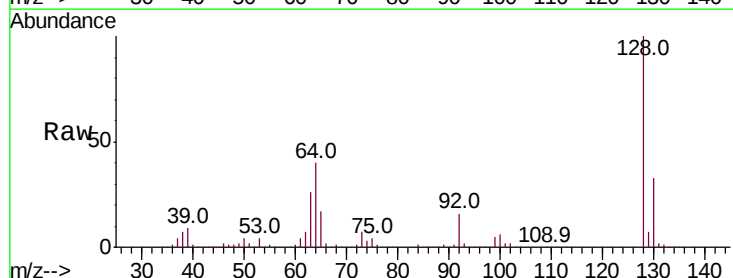
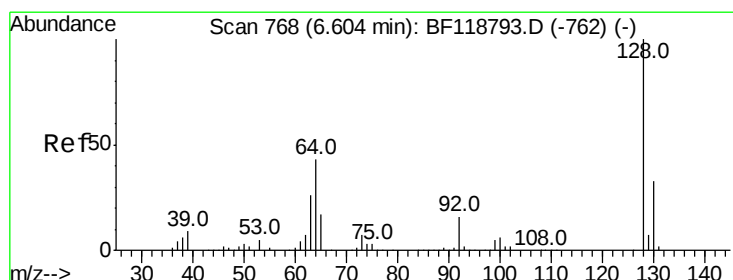
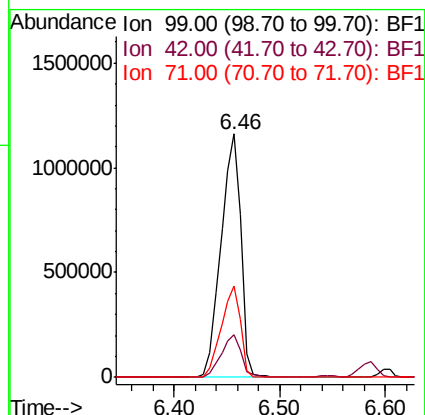
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 43.414 ng

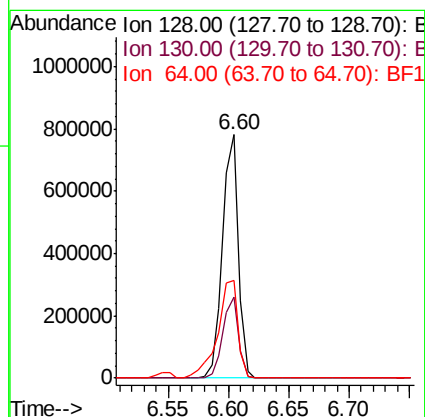
RT: 6.60 min Scan# 768

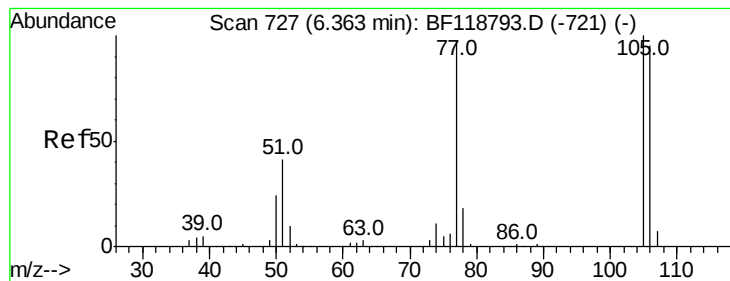
Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	33.1	13.1	53.1	
64	40.3	23.0	63.0	





#9

Benzaldehyde

Concen: 44.437 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 445249

Ion Ratio Lower Upper

77 100

105 101.2 82.8 122.8

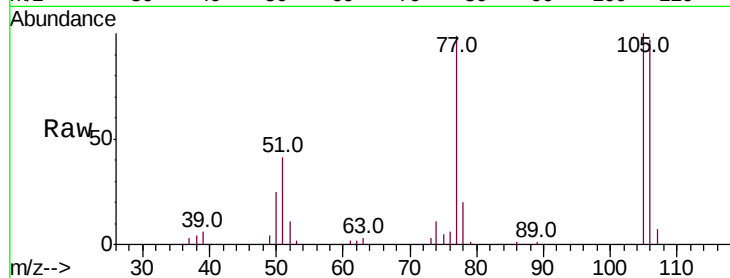
106 97.6 78.1 118.1

Manual Integrations

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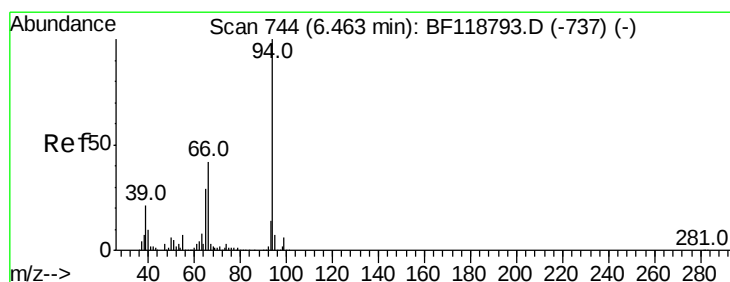
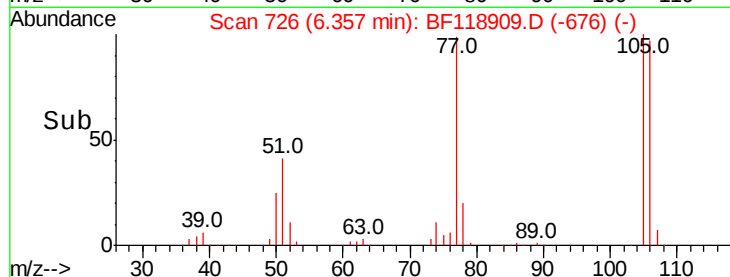
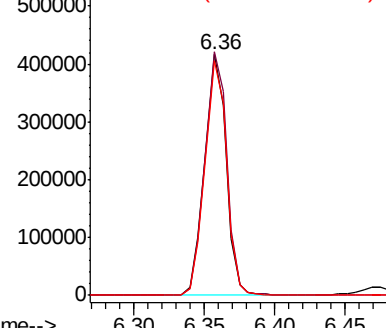
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.669 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

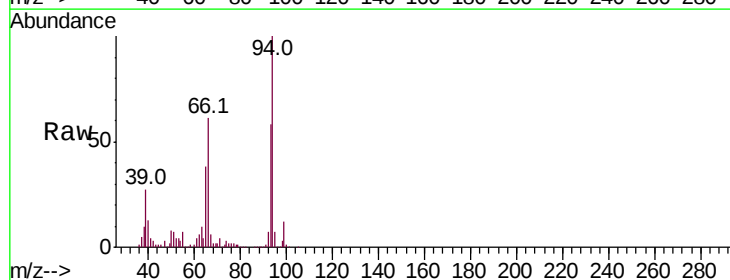
Tgt Ion: 94 Resp: 816377

Ion Ratio Lower Upper

94 100

65 38.1 9.1 49.1

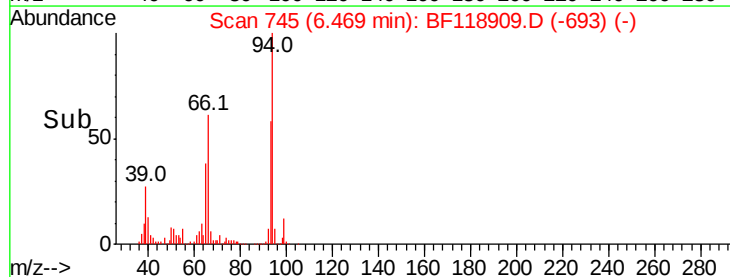
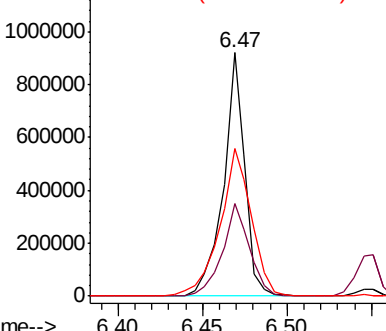
66 60.7 21.7 61.7

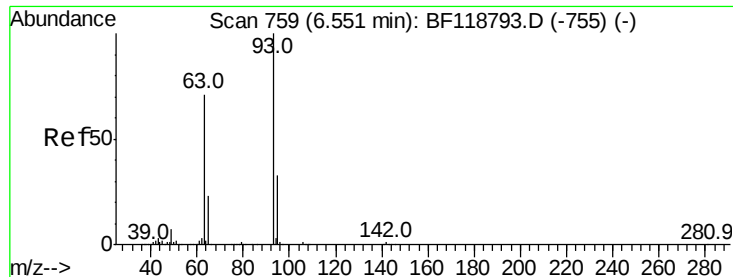


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





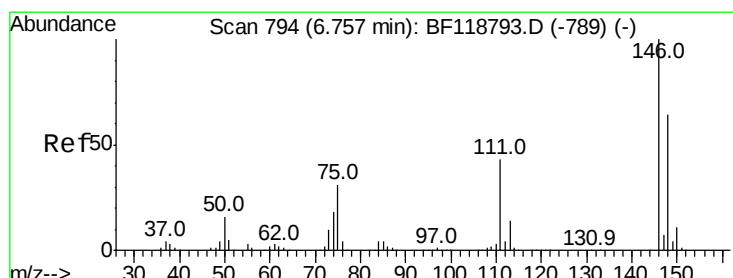
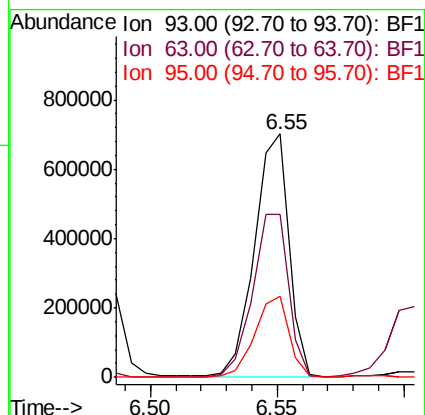
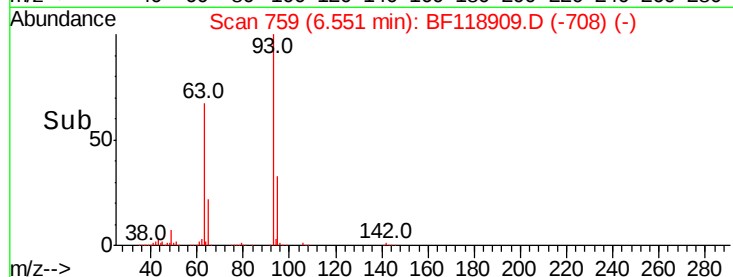
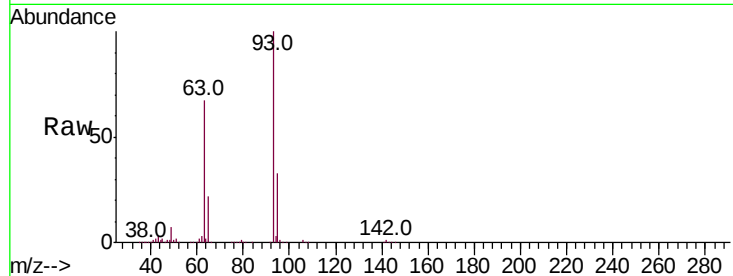
#11
bis(2-Chloroethyl)ether
Concen: 43.461 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.2	50.7	90.7
95	33.2	12.6	52.6

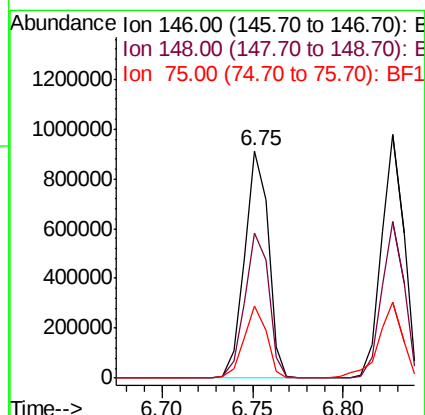
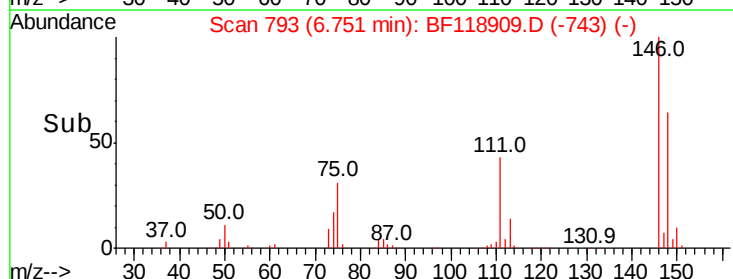
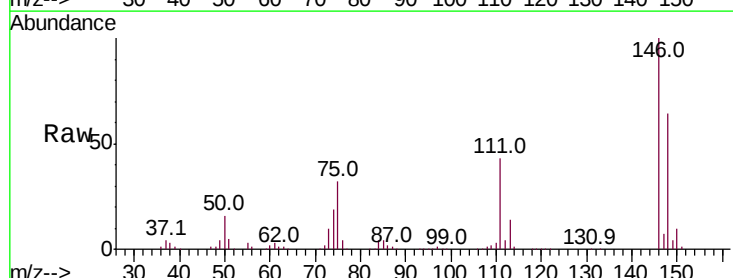
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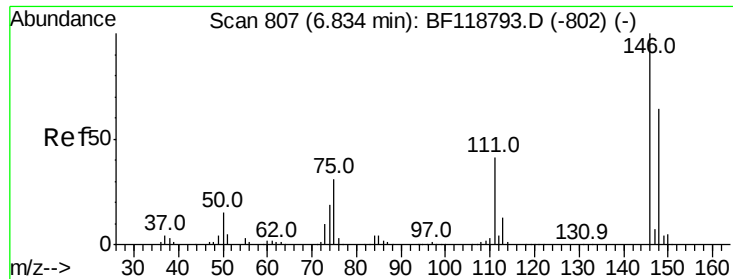
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.161 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	31.6	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 43.607 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

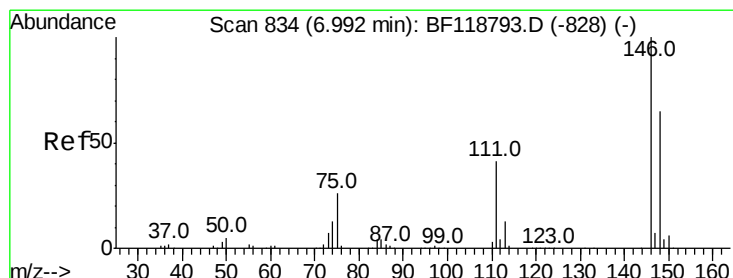
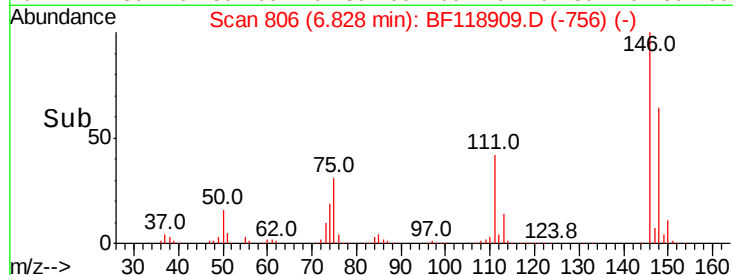
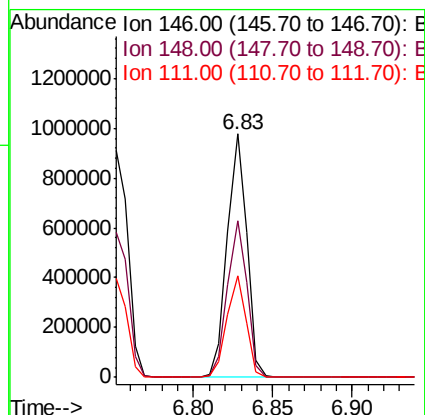
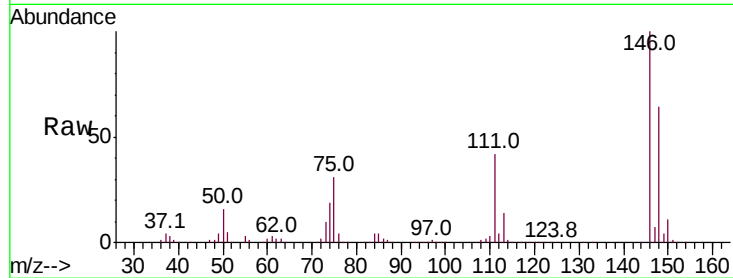
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	838680
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.6	77.4
111	41.7	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 41.301 ng

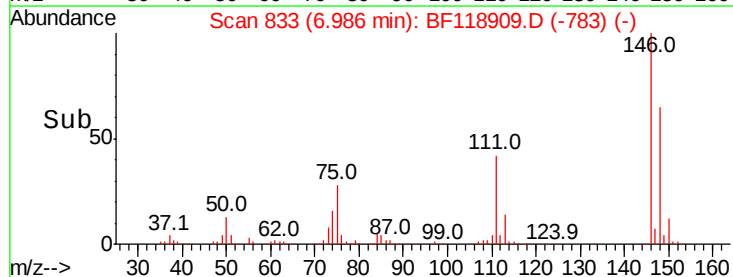
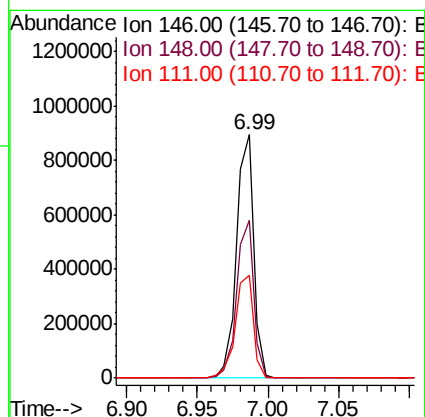
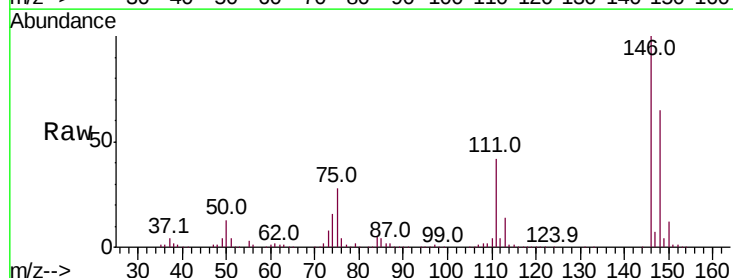
RT: 6.99 min Scan# 833

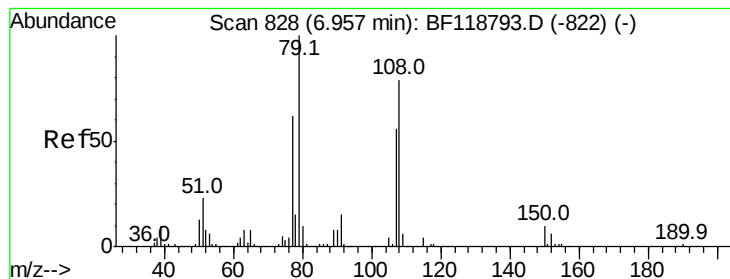
Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tgt Ion:	146	Resp:	758796
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.6	77.4
111	42.3	32.7	49.1





#15

Benzyl Alcohol

Concen: 43.491 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

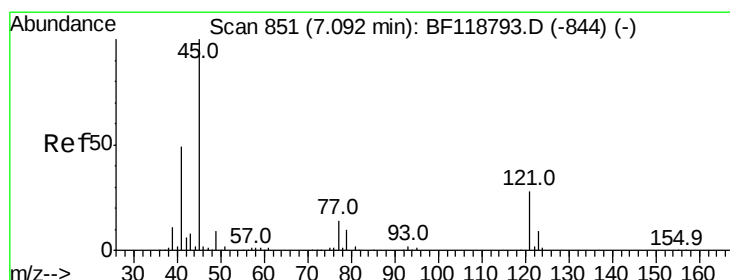
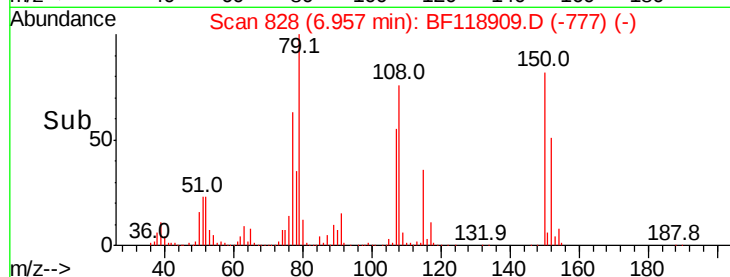
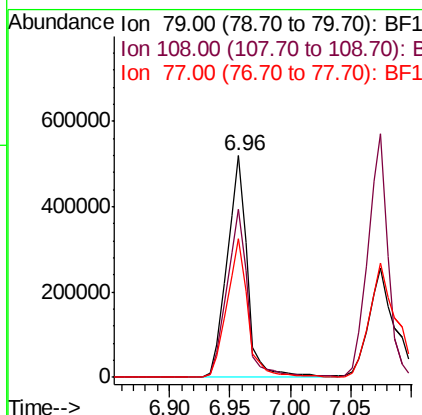
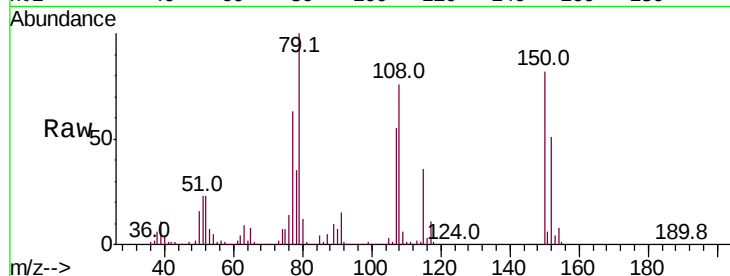
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	606899
Ion Ratio	Lower	Upper	
79	100		
108	75.9	62.9	94.3
77	62.6	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.009 ng

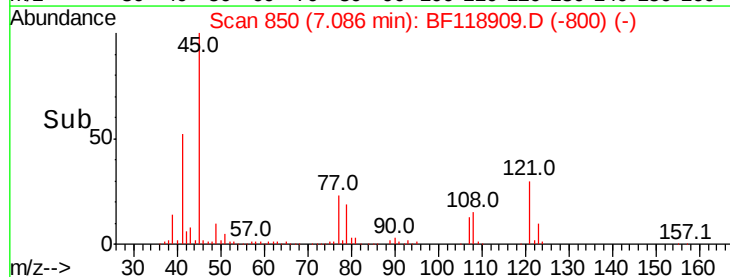
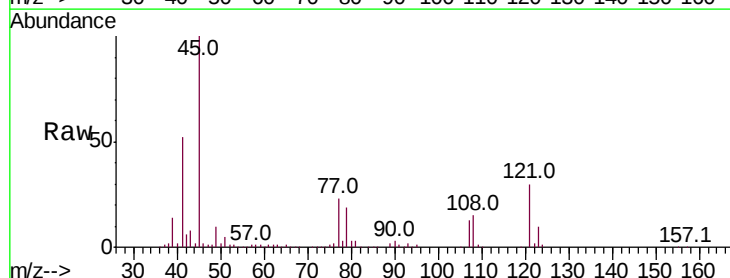
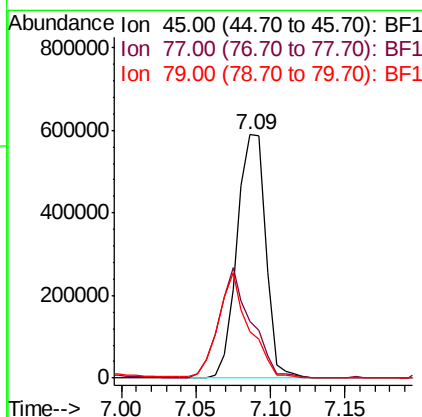
RT: 7.09 min Scan# 850

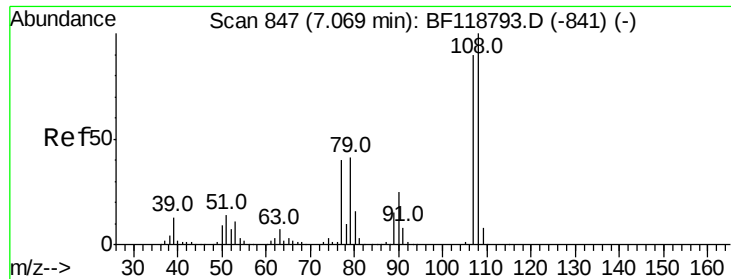
Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tgt Ion:	45	Resp:	790069
Ion Ratio	Lower	Upper	
45	100		
77	23.4	0.0	37.1
79	19.3	0.0	33.1





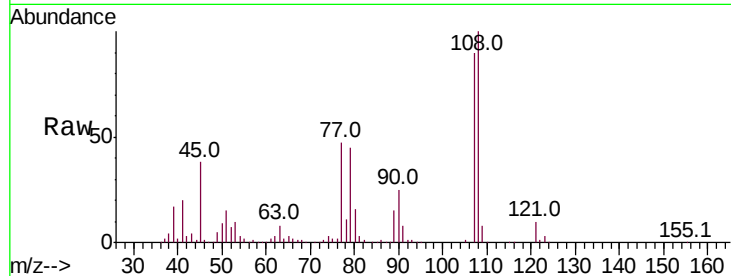
#17
2-Methylphenol
Concen: 43.324 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	89.3	133.9	
77	52.1	36.2	54.2	
79	50.2	36.3	54.5	

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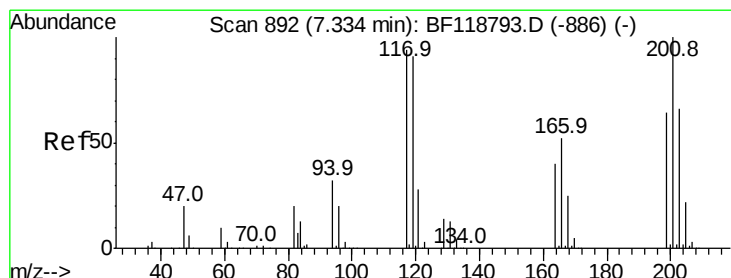
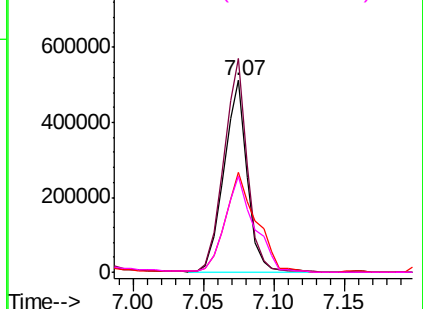
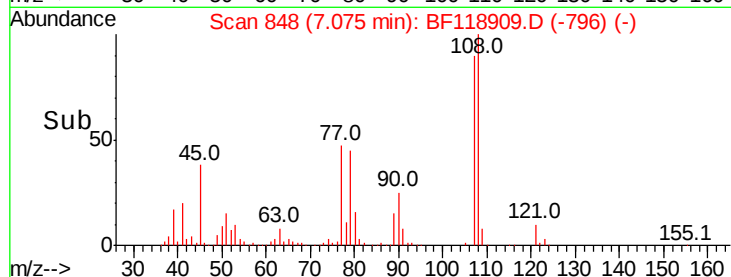
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

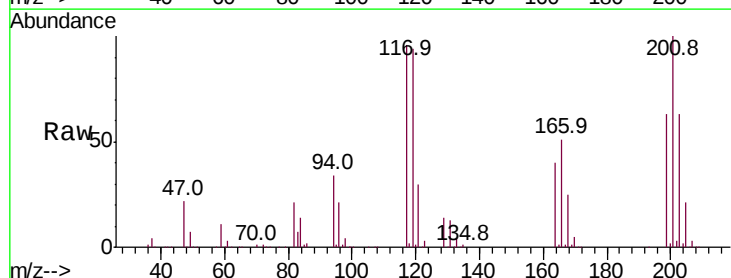
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.119 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.4	116.0	
201	104.2	85.1	127.7	

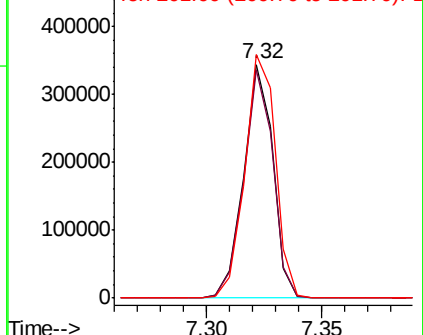
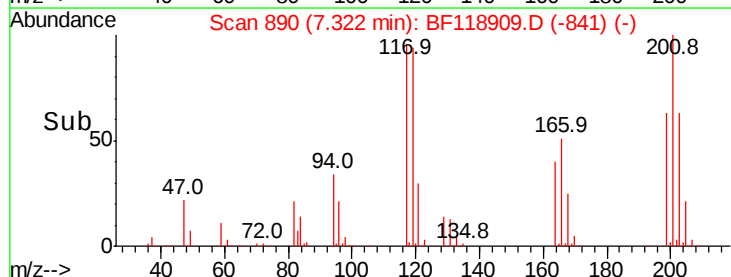


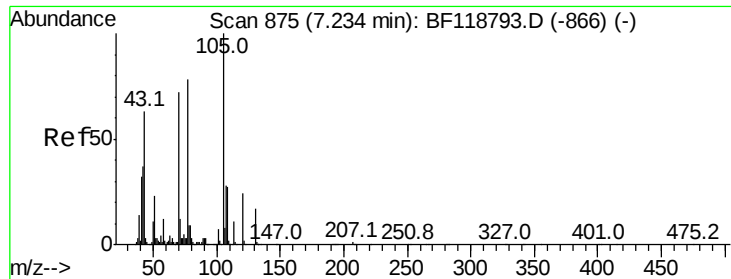
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





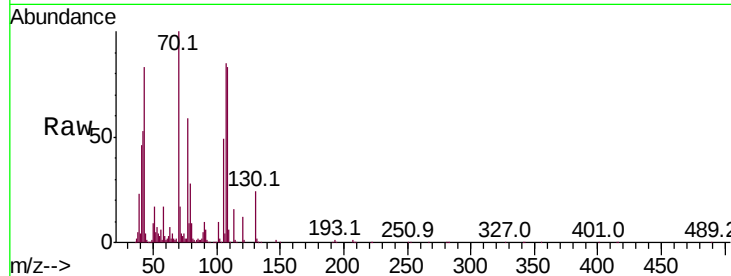
#19
n-Nitroso-di-n-propylamine
Concen: 42.933 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.5	62.3
101	10.4	8.3	12.5
130	24.0	19.2	28.8

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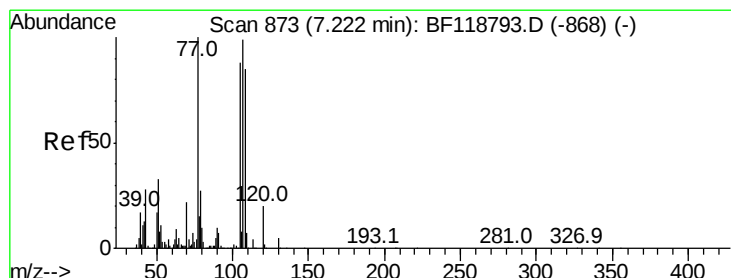
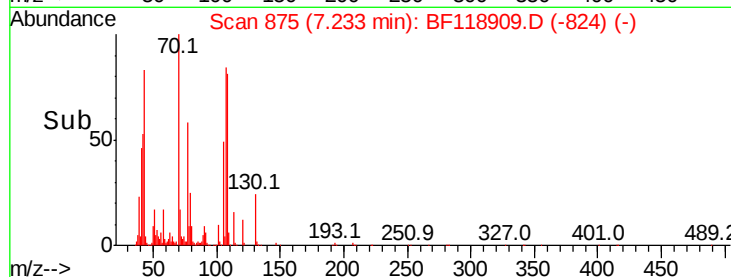
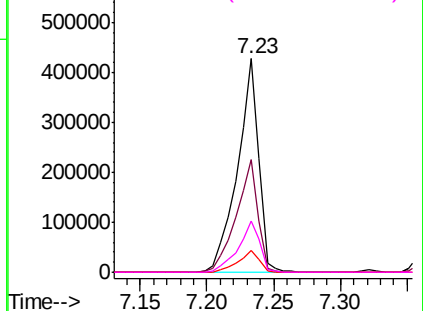
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.228 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.9	105.9
77	110.5	80.9	120.9
79	32.5	7.5	47.5

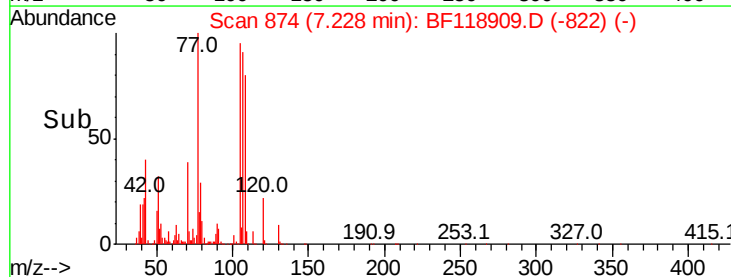
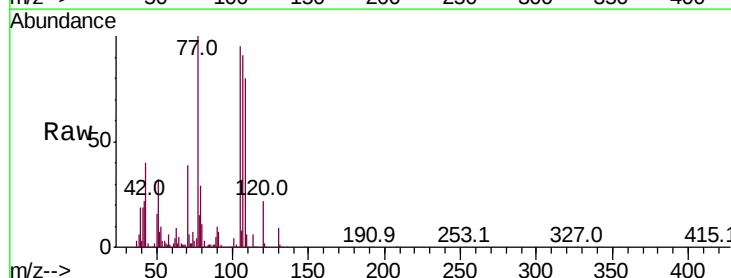
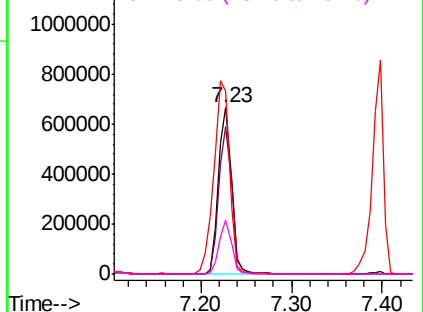
Abundance

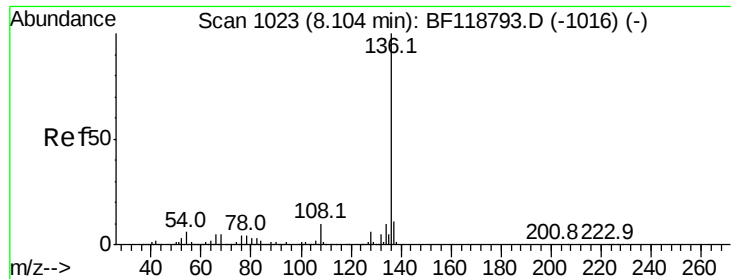
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





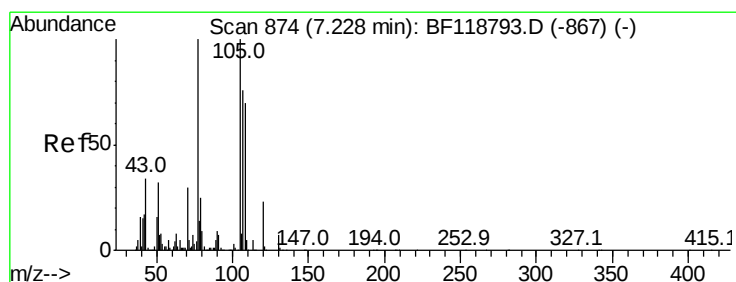
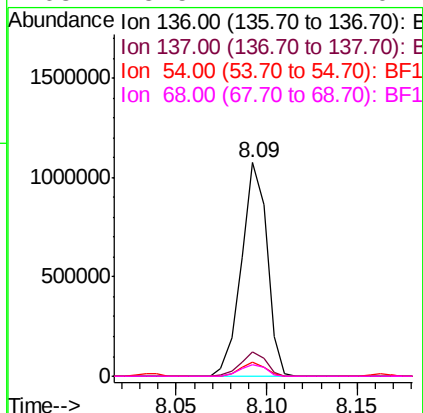
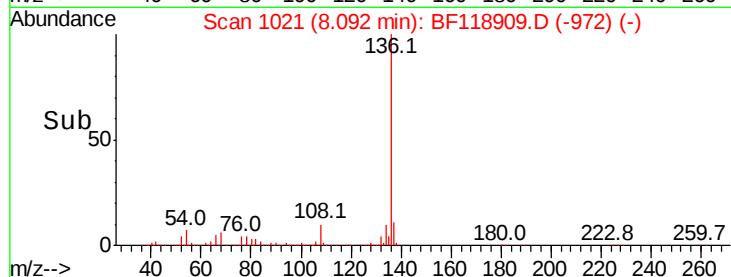
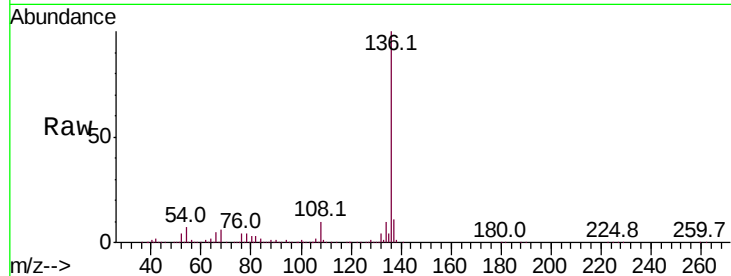
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.0	7.6
68	5.5	4.2	6.4

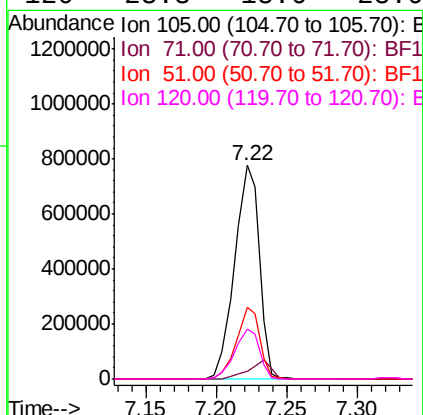
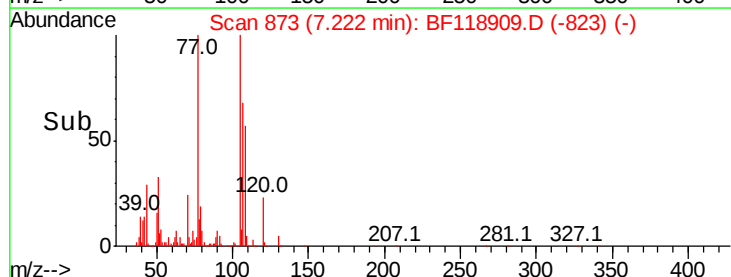
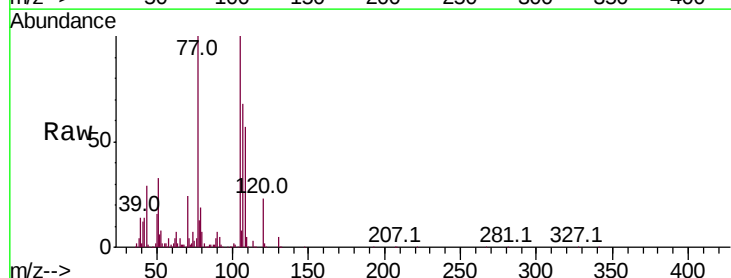
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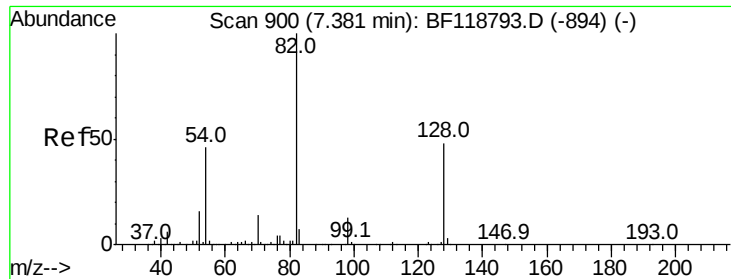
mohammad
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#22
Acetophenone
Concen: 41.100 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.2	6.4#
51	33.3	25.5	38.3
120	23.3	18.6	28.0





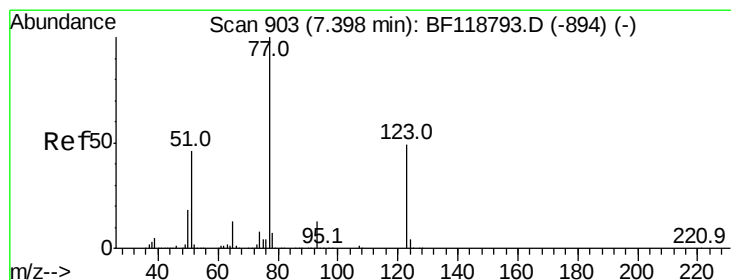
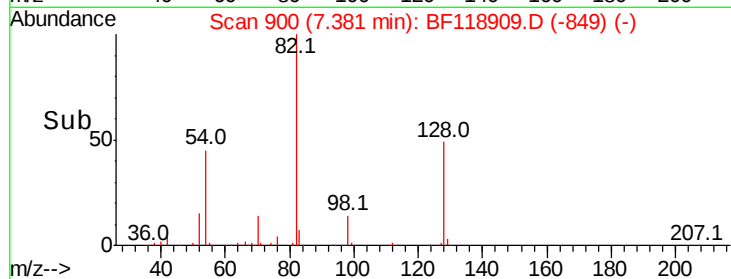
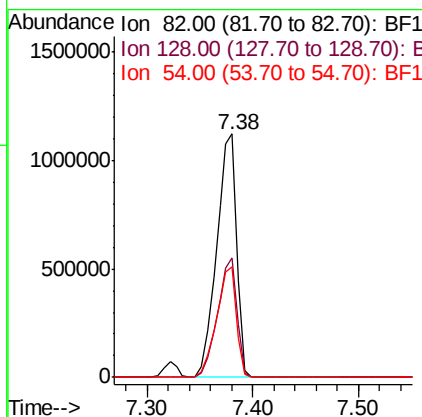
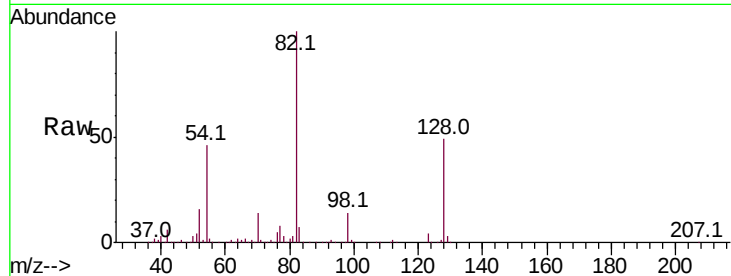
#23
 Nitrobenzene-d5
 Concen: 83.582 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.5	57.7
54	45.6	36.7	55.1

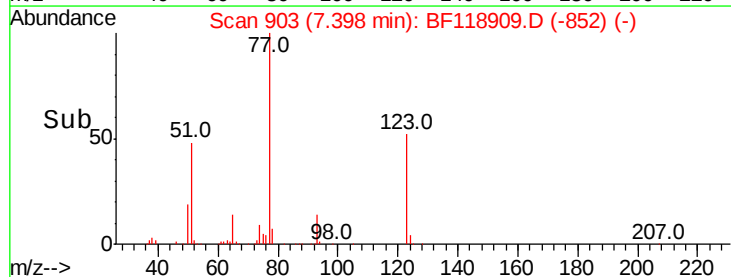
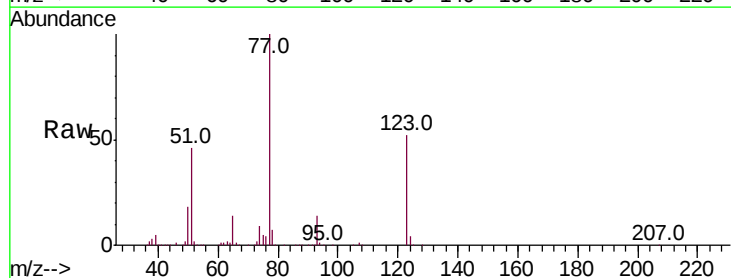
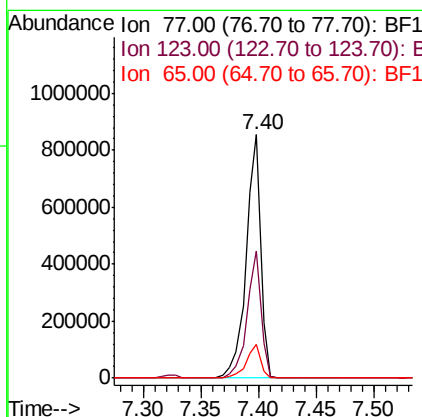
Manual Integrations
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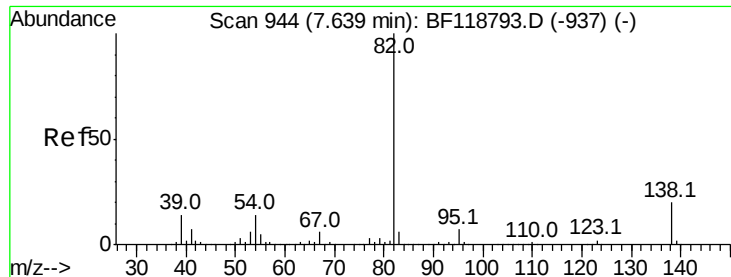
mohammad
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#24
 Nitrobenzene
 Concen: 41.849 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	39.0	58.4
65	13.6	10.6	15.8





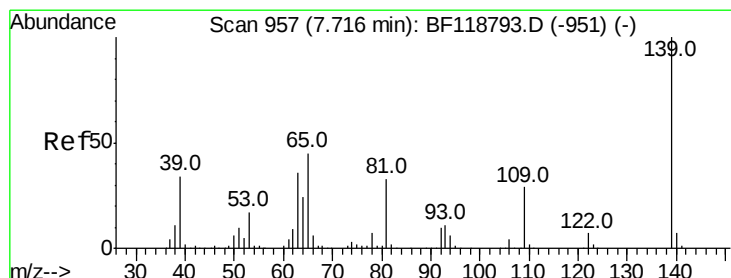
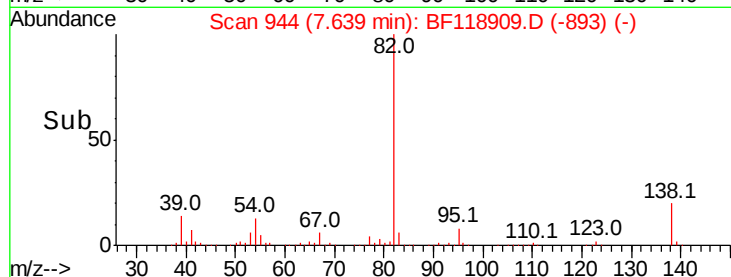
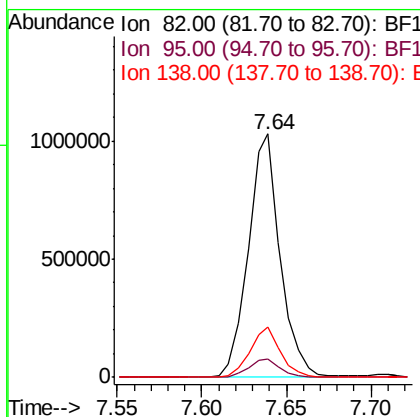
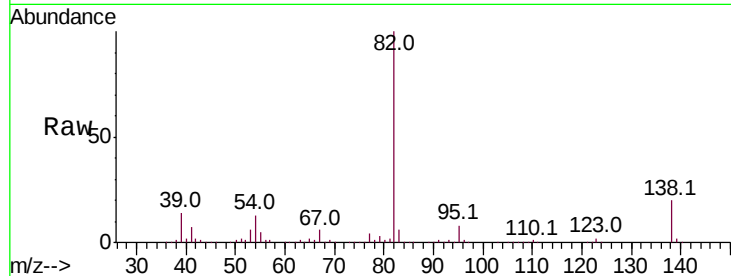
#25
Isophorone
Concen: 42.299 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1349510
Ion Ratio	100	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	20.5	15.7	23.5

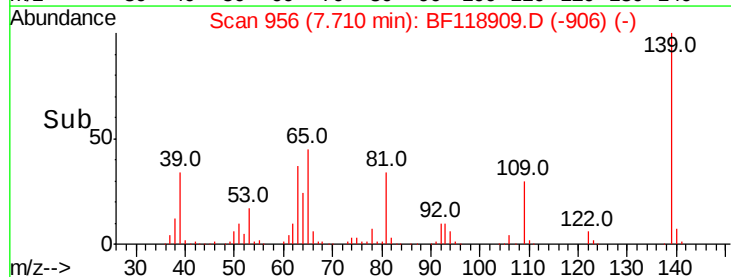
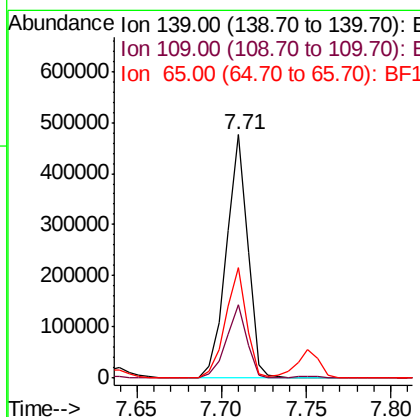
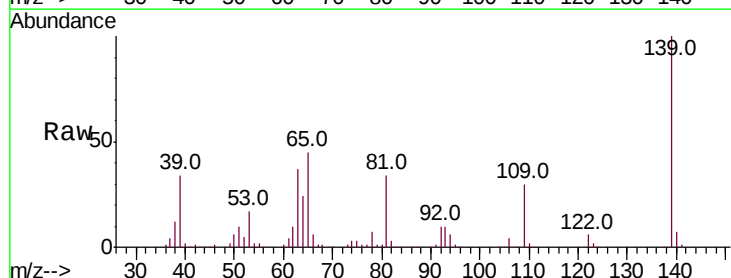
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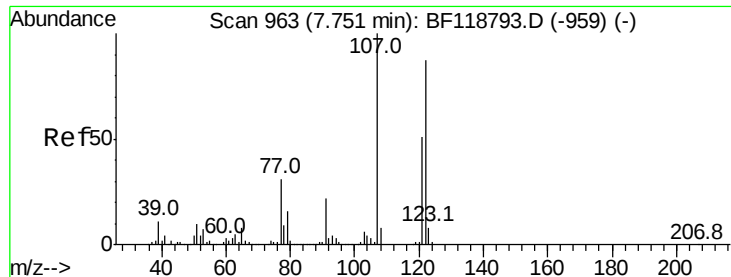
mohammad
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#26
2-Nitrophenol
Concen: 44.129 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	139	Resp	417014
Ion Ratio	100	Lower	Upper
139	100		
109	30.2	23.4	35.0
65	45.4	36.2	54.2





#27

2,4-Dimethylphenol

Concen: 42.287 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

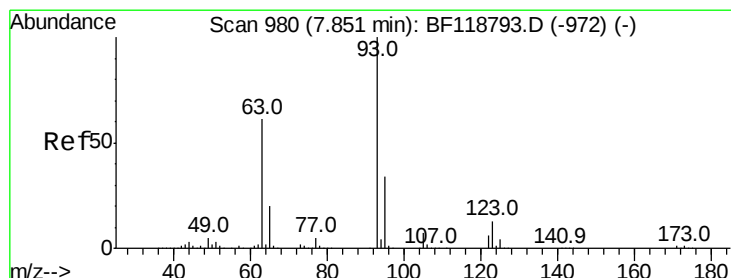
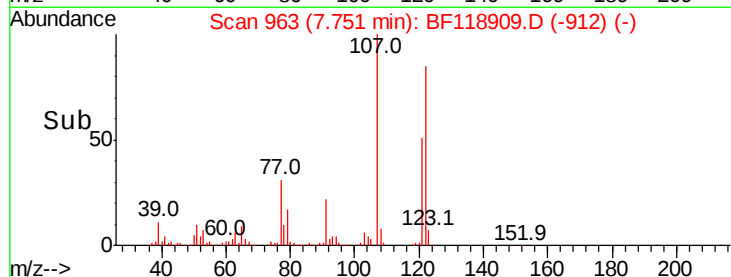
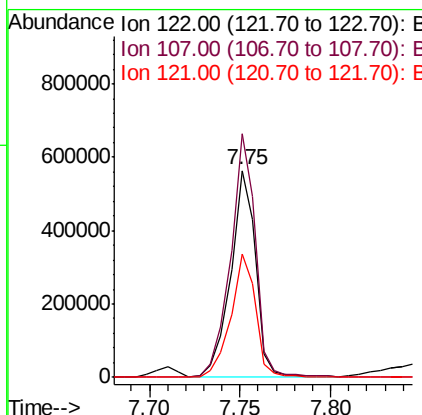
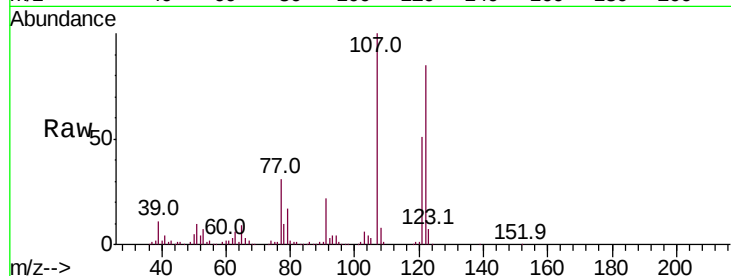
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	542830
Ion Ratio	Lower	Upper	
122	100		
107	117.9	92.2	138.2
121	59.7	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 42.634 ng

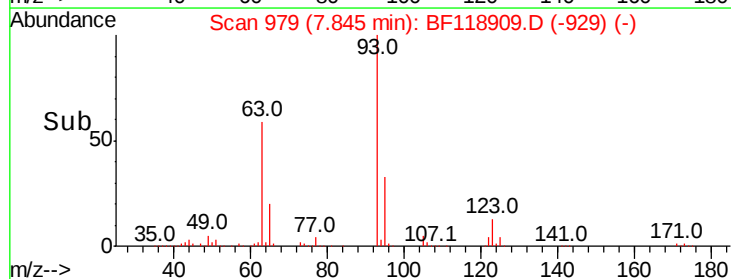
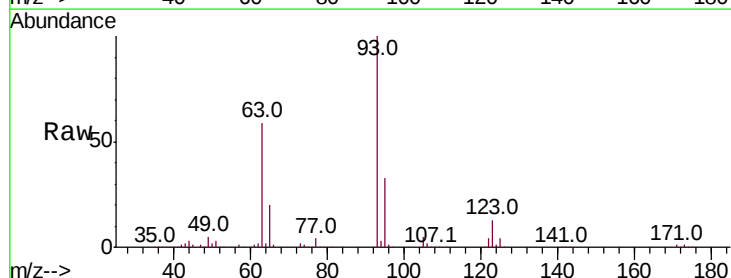
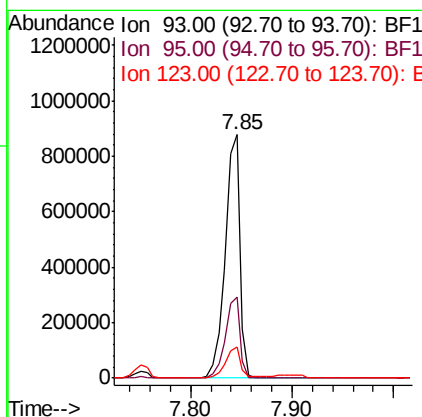
RT: 7.85 min Scan# 979

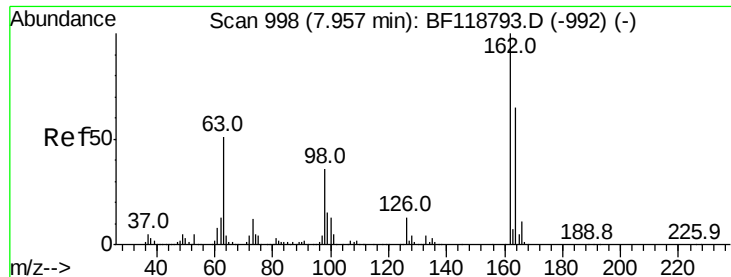
Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Tgt Ion:	93	Resp:	882012
Ion Ratio	Lower	Upper	
93	100		
95	33.2	27.0	40.4
123	12.8	10.6	15.8





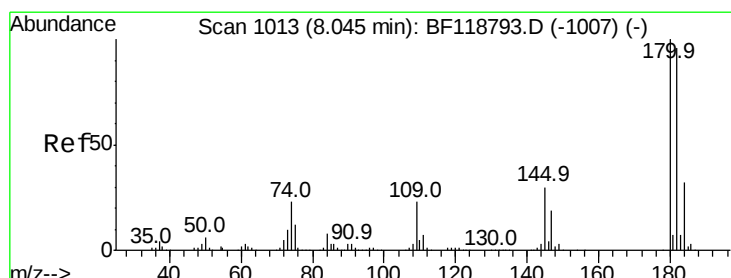
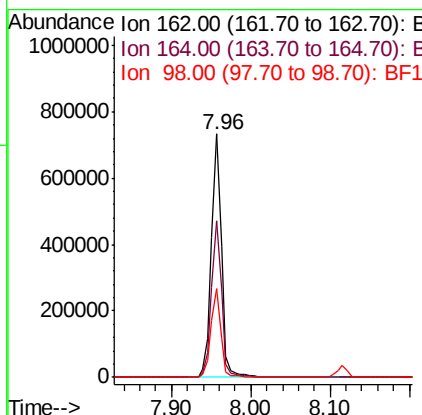
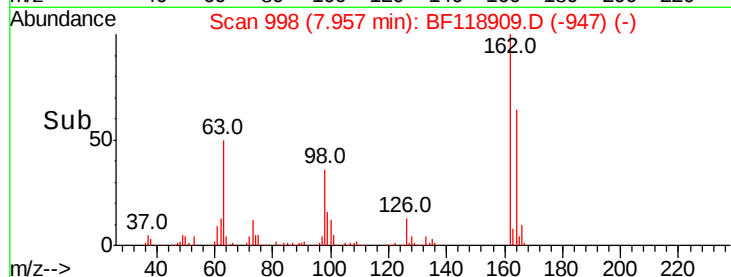
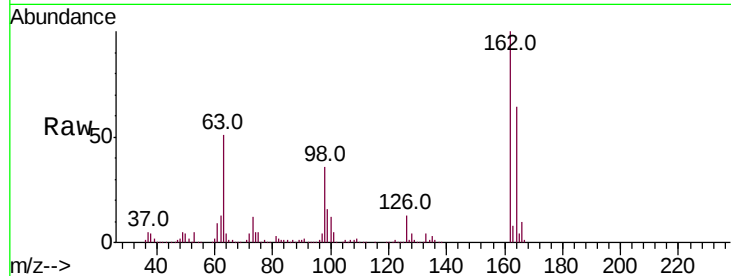
#29
2,4-Dichlorophenol
Concen: 42.006 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	645753		
164	64.5	44.8	84.8	
98	36.4	16.4	56.4	

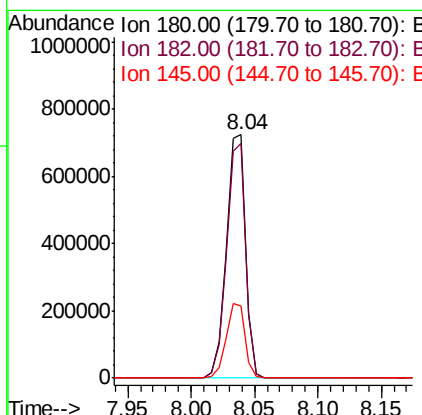
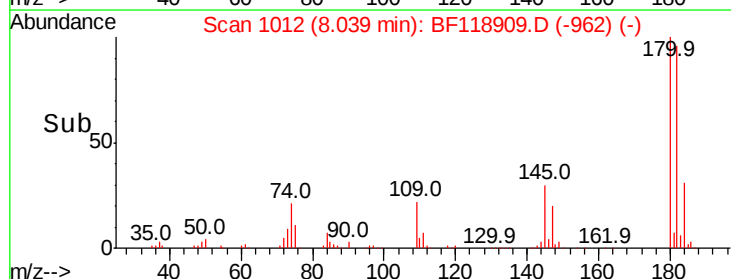
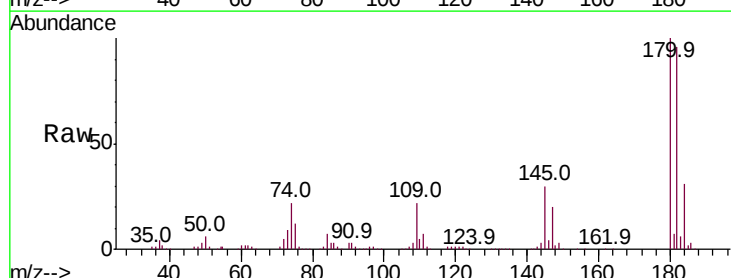
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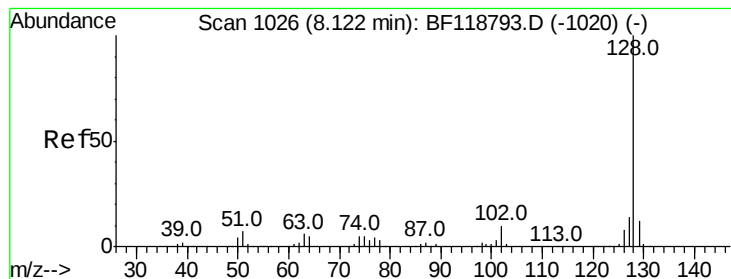
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#30
1,2,4-Trichlorobenzene
Concen: 41.869 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	752338		
182	96.2	76.6	115.0	
145	29.7	24.0	36.0	





#31

Naphthalene

Concen: 41.923 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2028767

Ion Ratio Lower Upper

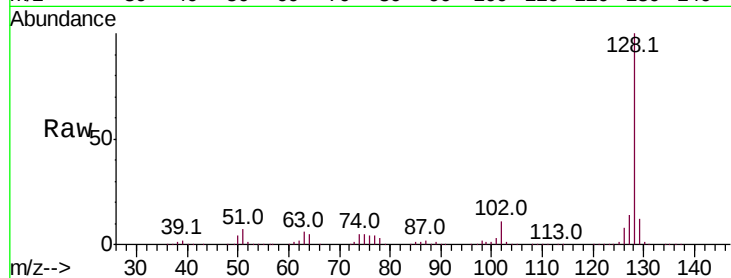
128 100

129 11.9 9.4 14.2

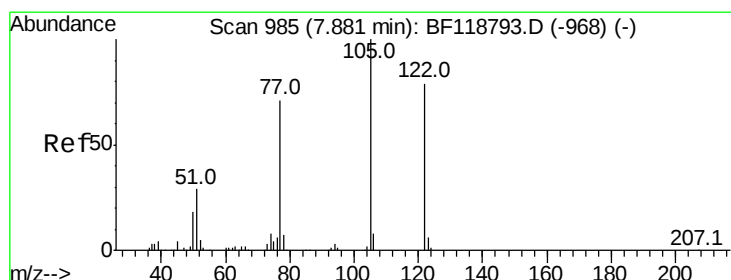
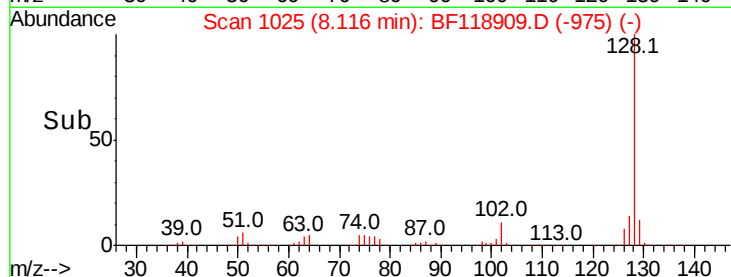
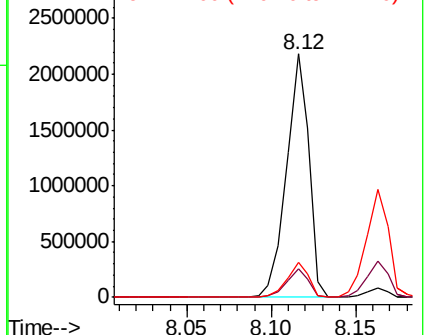
127 14.2 11.3 16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.317 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

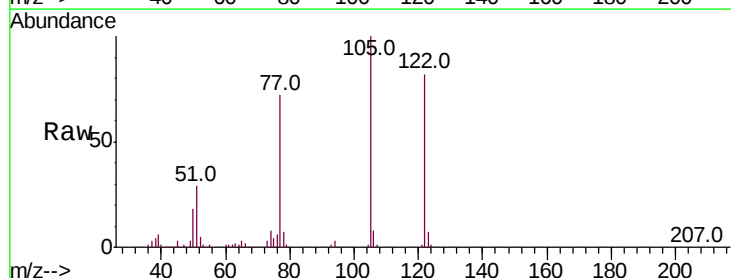
Tgt Ion:122 Resp: 428491

Ion Ratio Lower Upper

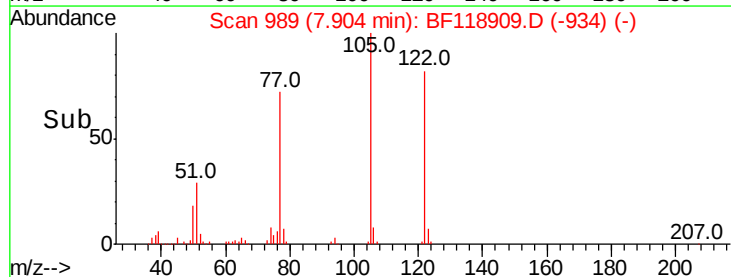
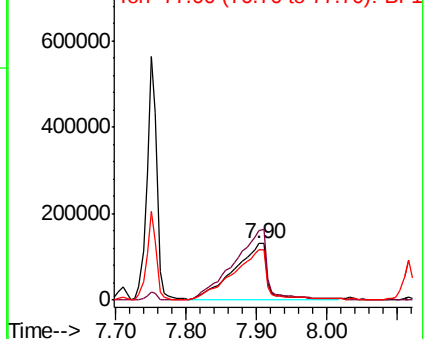
122 100

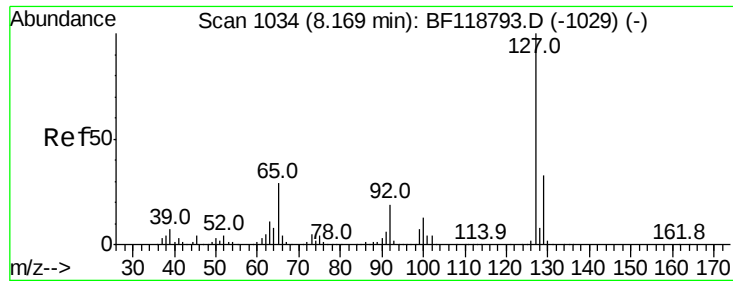
105 122.4 104.4 144.4

77 88.6 69.3 109.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





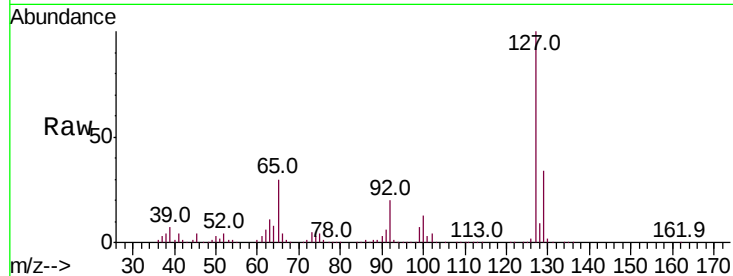
#33
4-Chloroaniline
Concen: 42.375 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

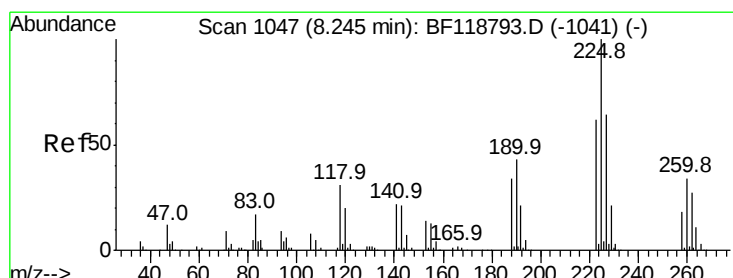
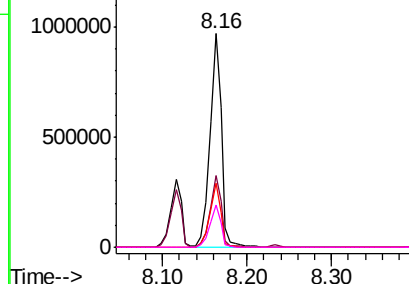
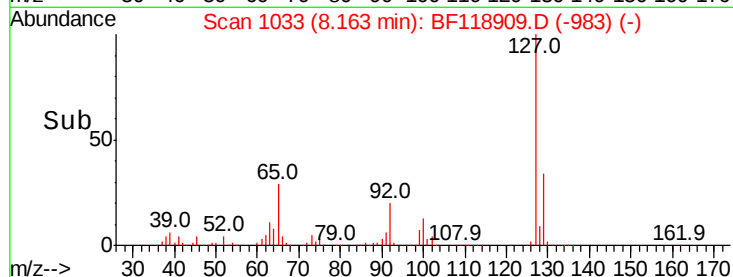
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.7	40.1		
65	29.7	22.9	34.3		
92	20.0	15.4	23.0		

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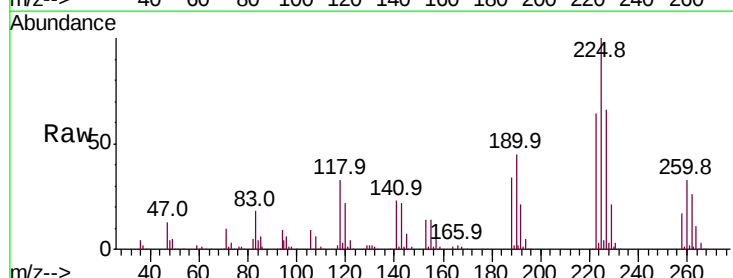


Abundance Ion 127.00 (126.70 to 127.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

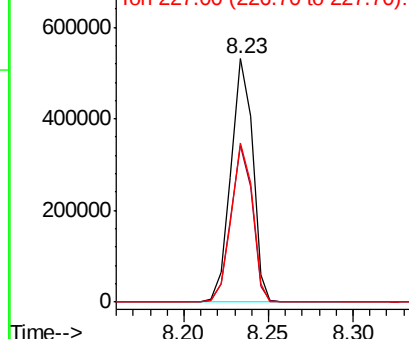
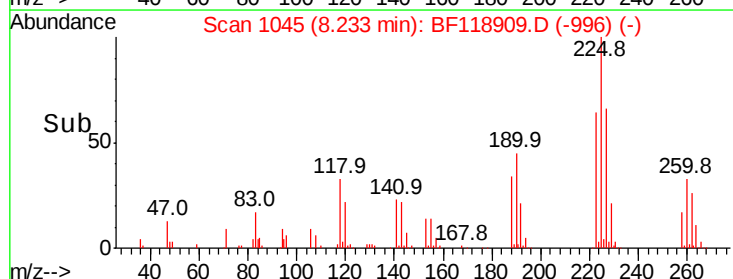


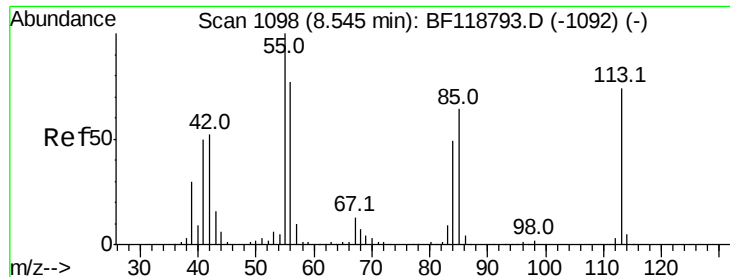
#34
Hexachlorobutadiene
Concen: 43.310 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.8	74.8		
227	65.5	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





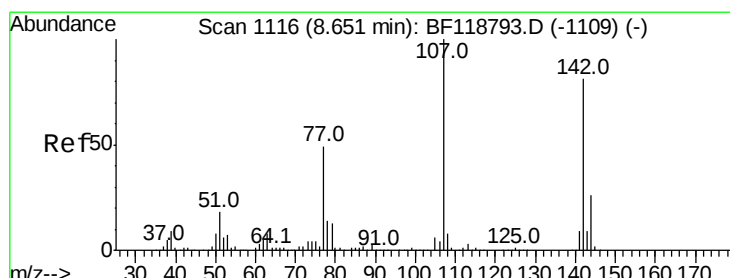
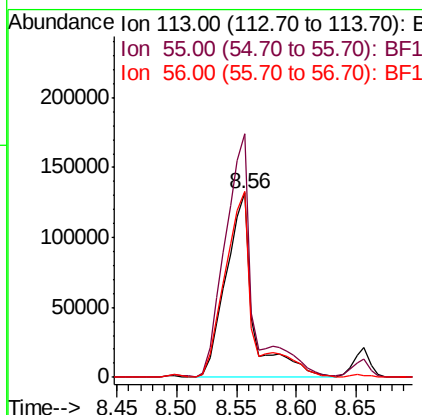
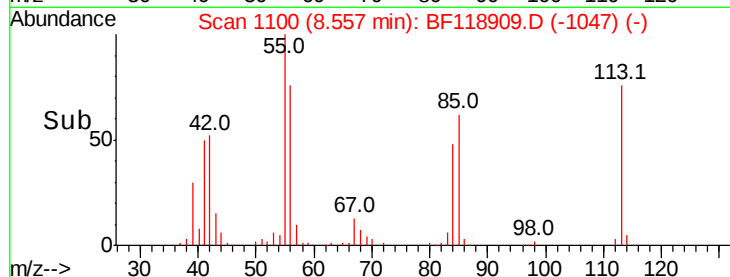
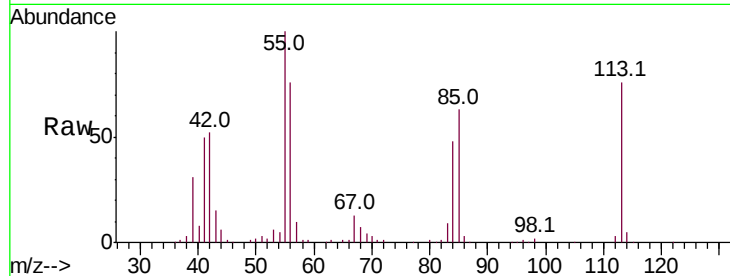
#35
 Caprolactam
 Concen: 42.760 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.2	115.5	155.5
56	101.1	83.7	123.7

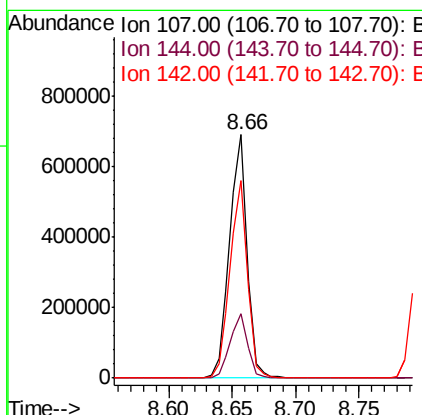
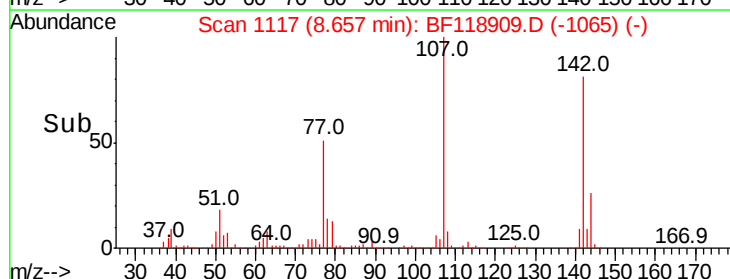
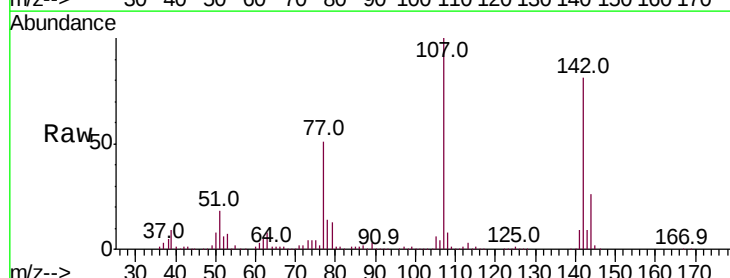
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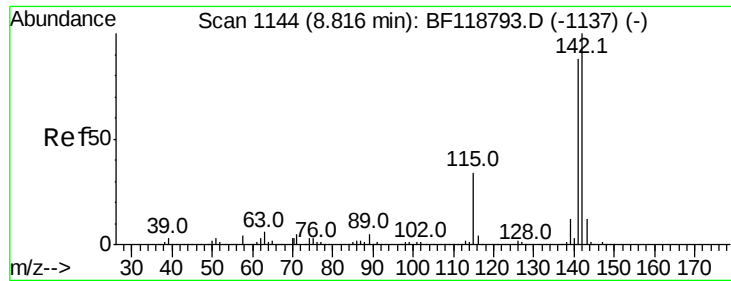
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#36
 4-Chloro-3-methylphenol
 Concen: 42.801 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.6
142	81.2	64.8	97.2





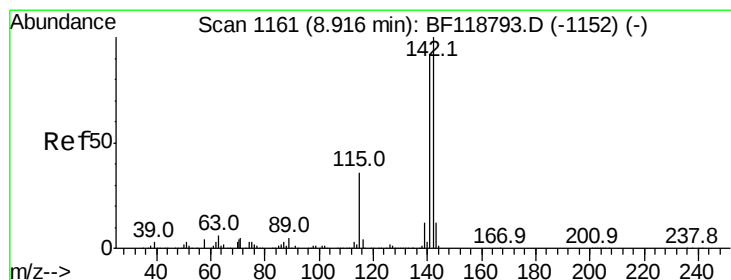
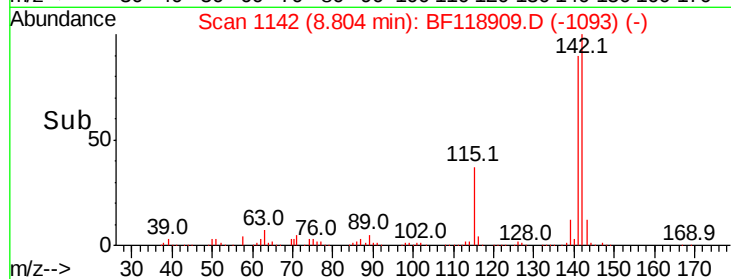
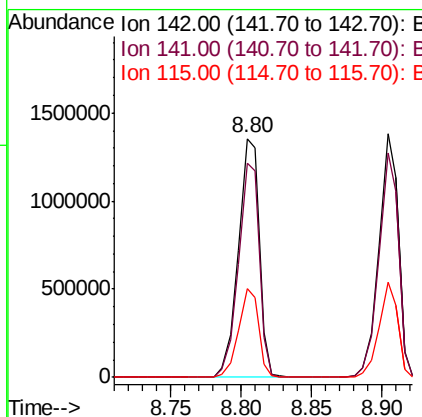
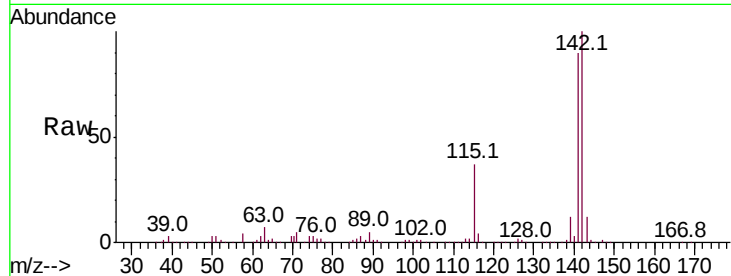
#37
2-Methylnaphthalene
Concen: 41.719 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1400224
Ion Ratio Lower Upper
142 100
141 89.8 70.1 105.1
115 37.2 27.3 40.9

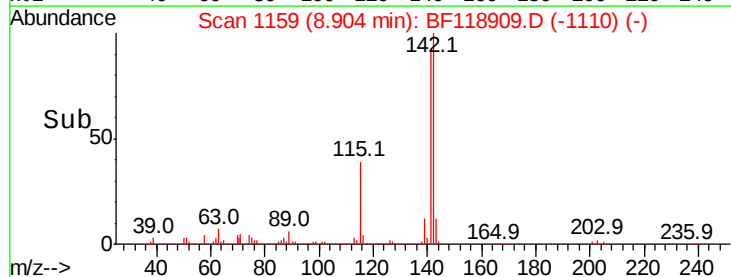
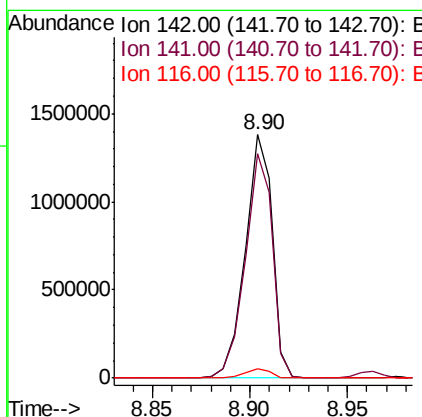
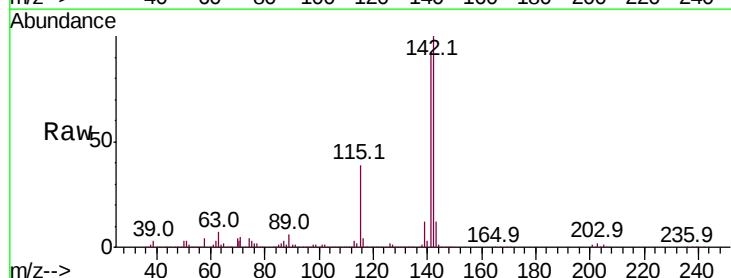
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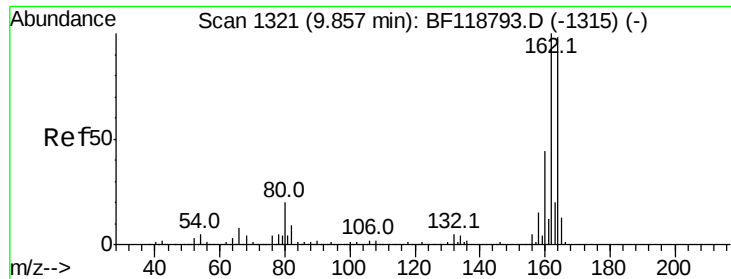
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#38
1-Methylnaphthalene
Concen: 41.751 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion:142 Resp: 1318217
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.1 3.0 4.4





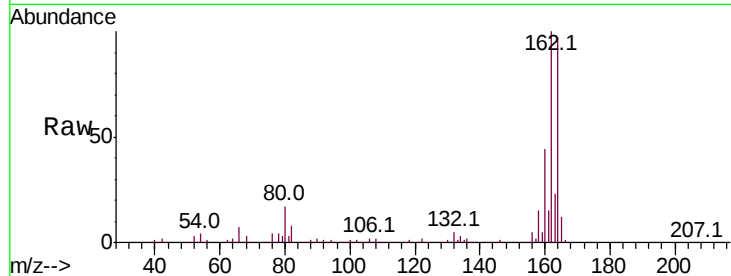
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	81.4	122.2	
160	44.8	35.6	53.4	

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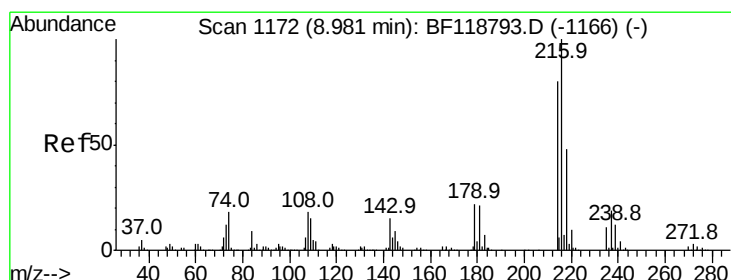
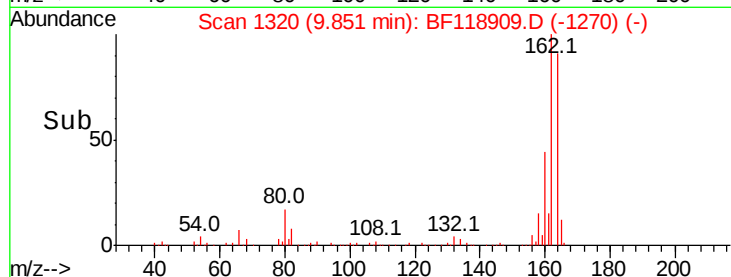
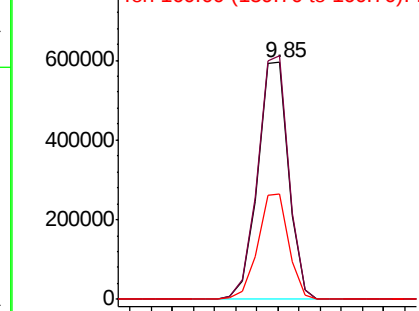


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.428 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.0	94.4	
179	21.8	17.0	25.6	
108	17.2	13.5	20.3	

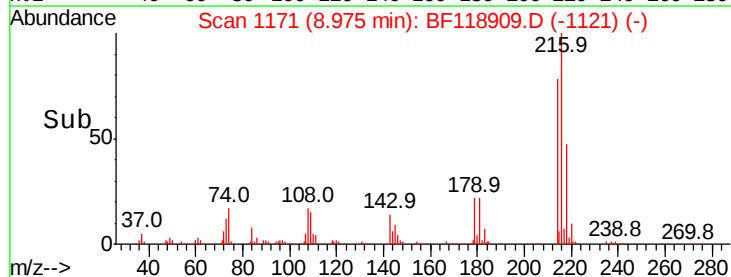
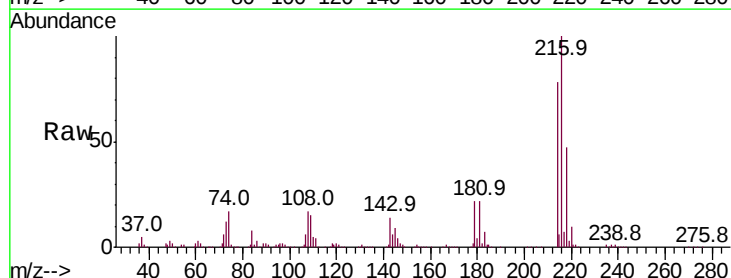
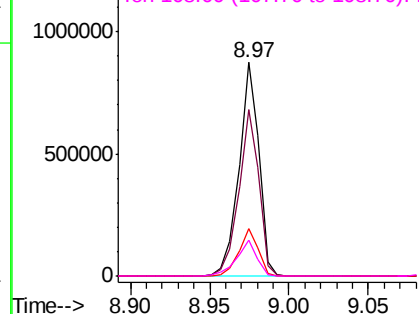
Abundance

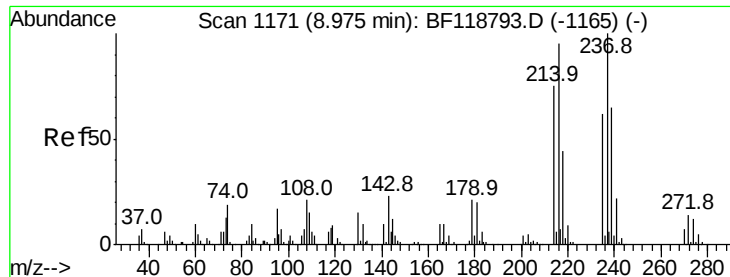
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.314 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

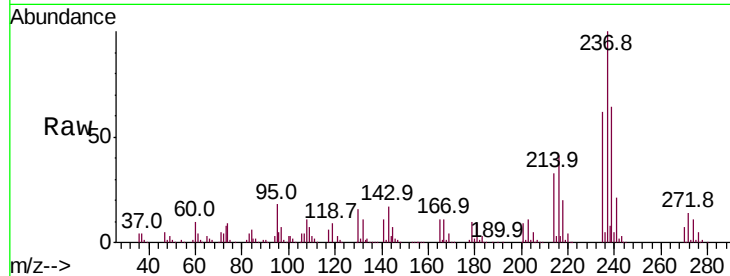
ClientSampleId :

SSTDCCC040

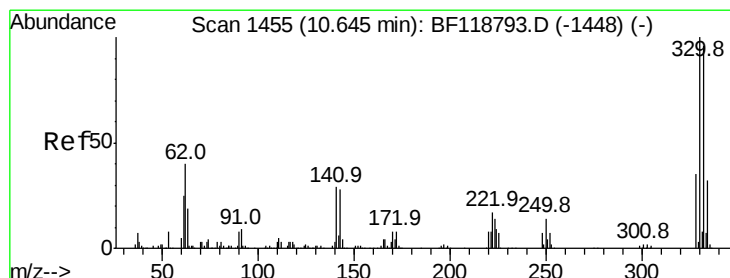
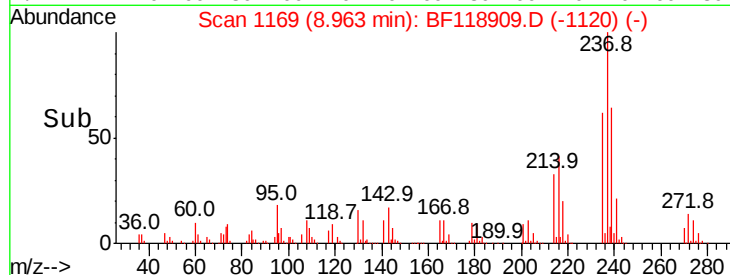
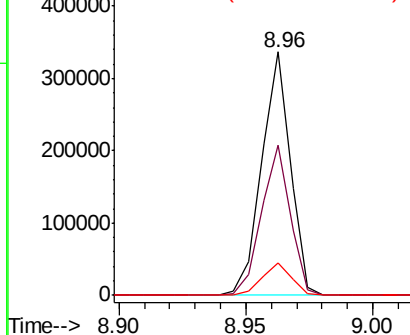
Tot Ion:	237	Resp:	267997
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.1	82.1
272	13.6	0.0	34.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.825 ng

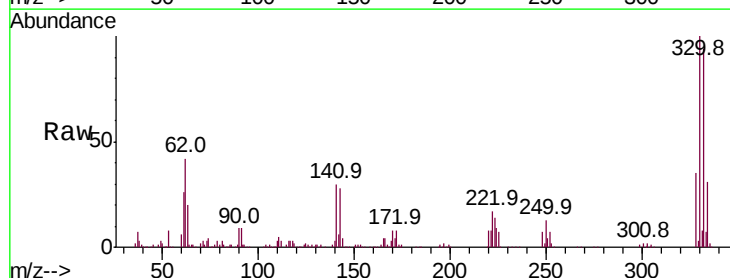
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

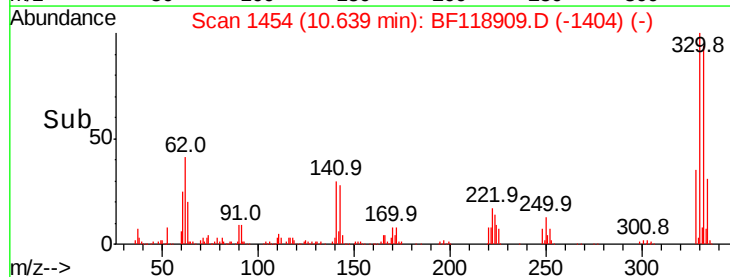
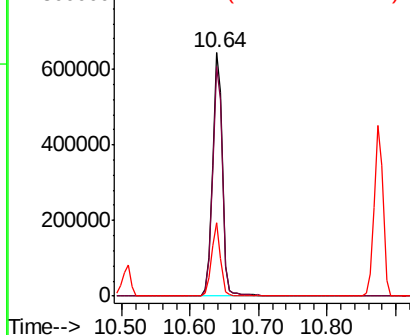
Lab File: BF118909.D

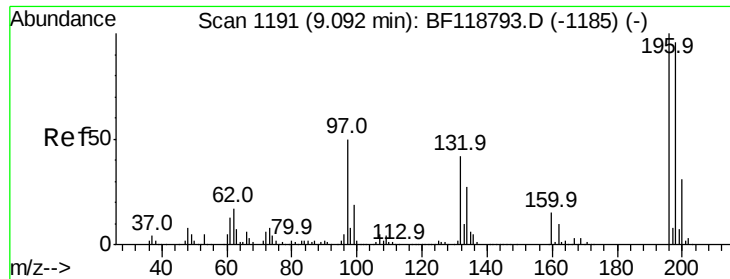
Acq: 12 Feb 2020 10:52

Tgt Ion:	330	Resp:	637752
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.3	115.9
141	28.0	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





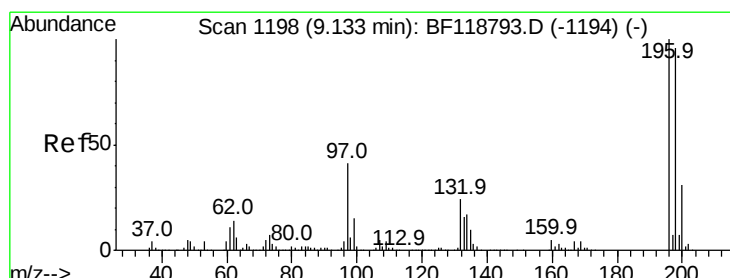
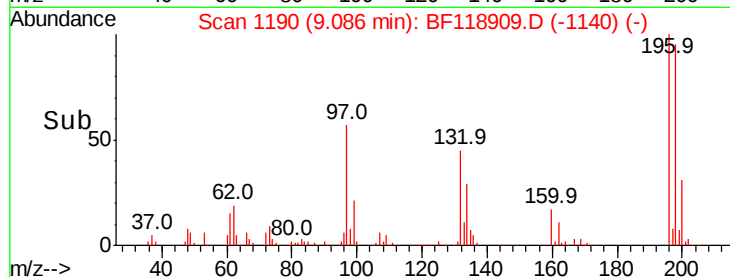
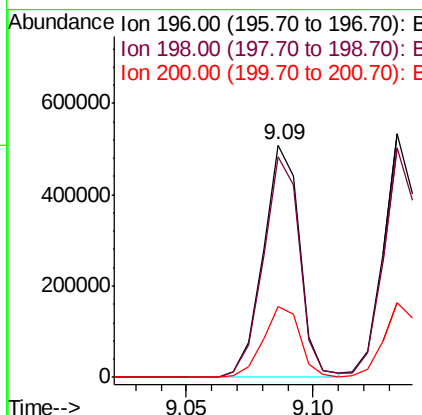
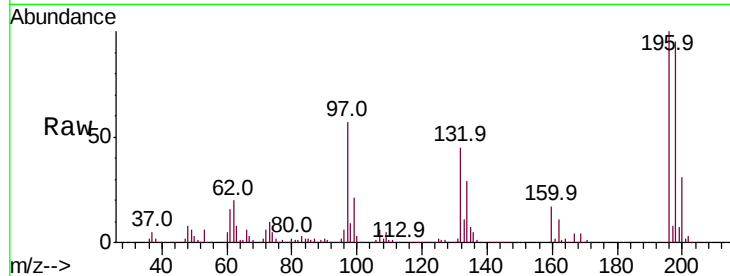
#43
 2,4,6-Trichlorophenol
 Concen: 41.180 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	504378		
198	95.1	76.7	115.1	
200	30.6	24.9	37.3	

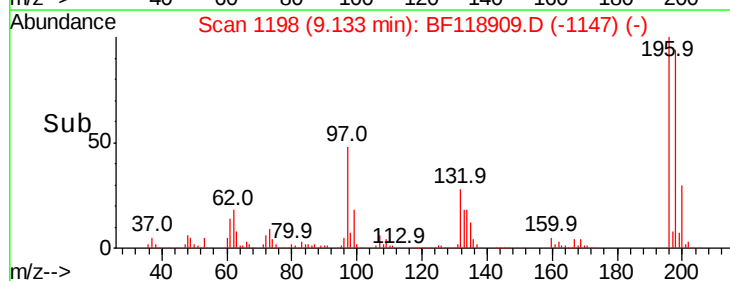
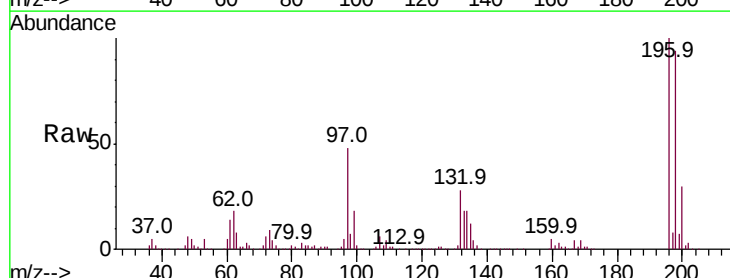
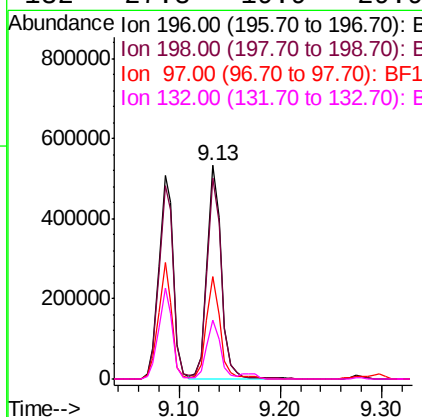
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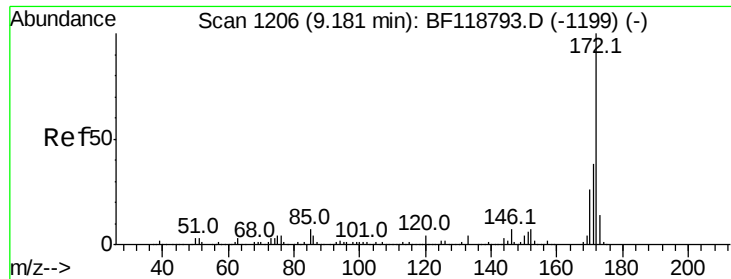
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#44
 2,4,5-Trichlorophenol
 Concen: 41.626 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	520952		
198	94.2	77.0	115.4	
97	48.2	32.9	49.3	
132	27.8	19.9	29.9	





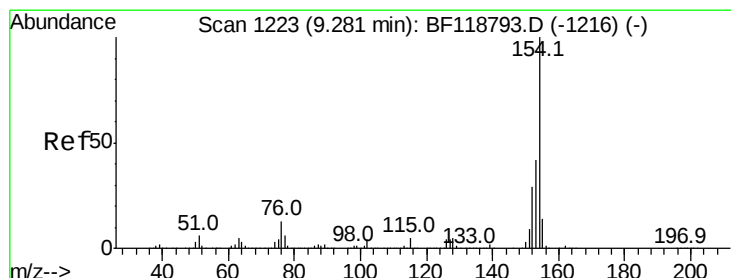
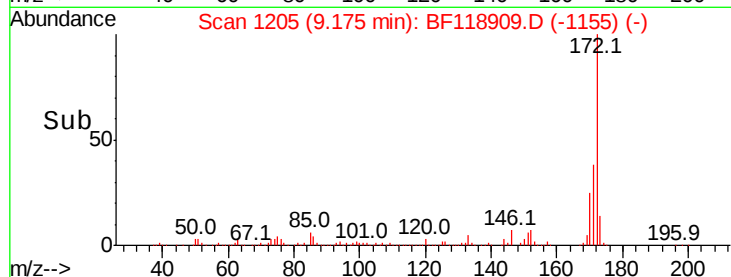
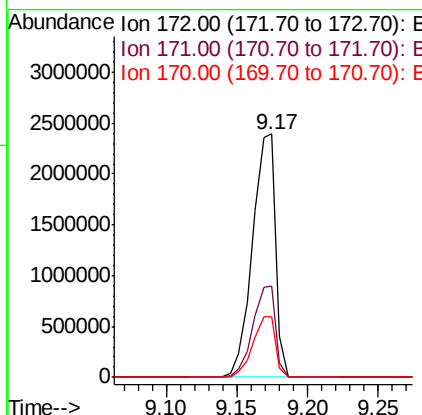
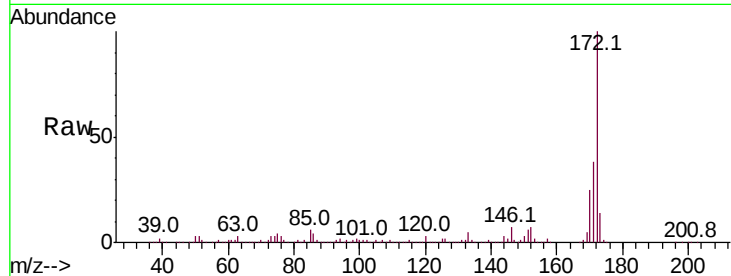
#45
2-Fluorobiphenyl
Concen: 81.480 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.1	20.5	30.7

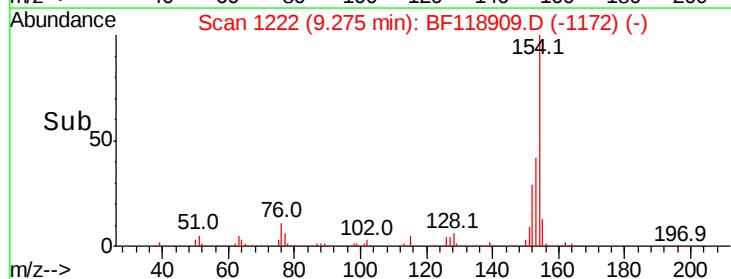
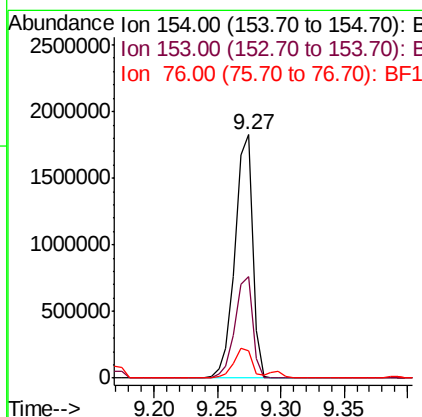
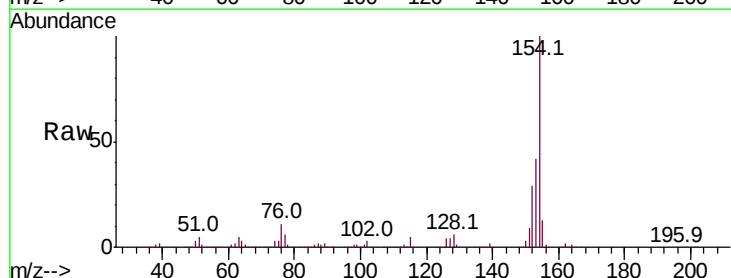
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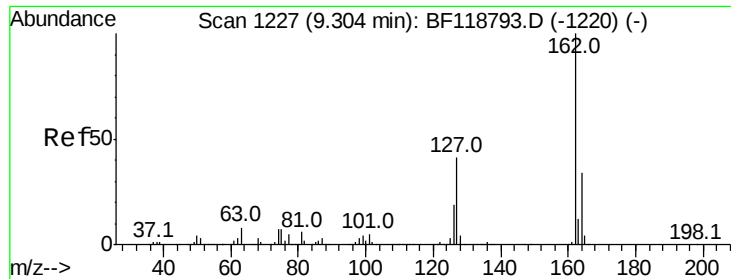
mohammad
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#46
1,1'-Biphenyl
Concen: 41.598 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	11.3	0.0	32.7





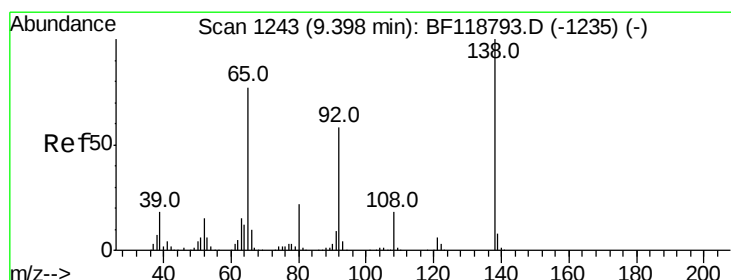
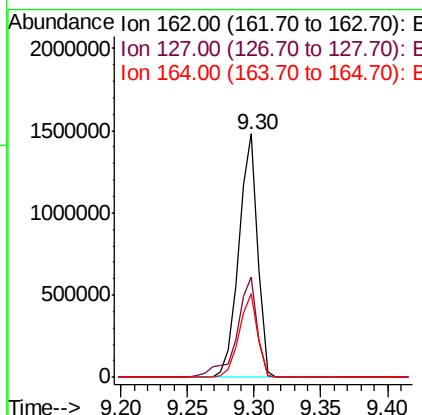
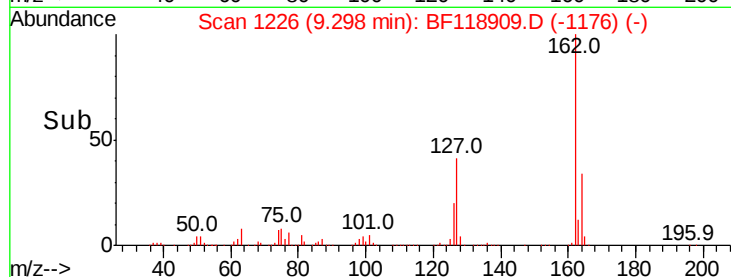
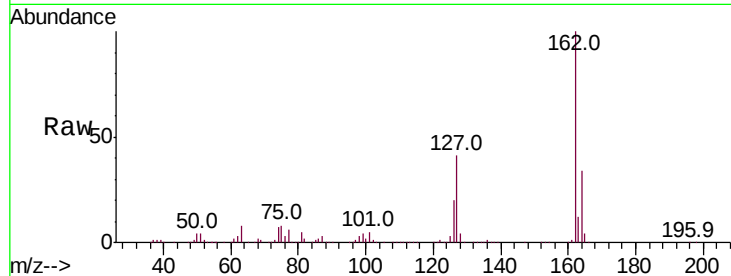
#47
 2-Chloronaphthalene
 Concen: 41.584 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	1451289
Ion Ratio	Lower	Upper	
162	100		
127	41.3	33.3	49.9
164	34.1	27.1	40.7

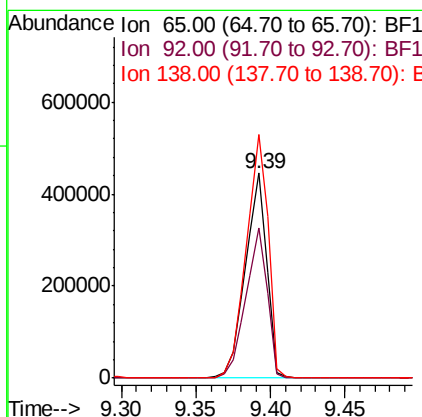
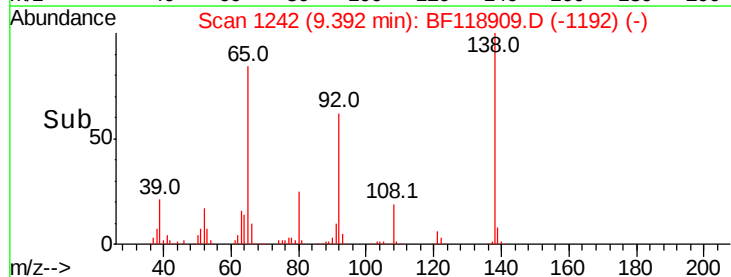
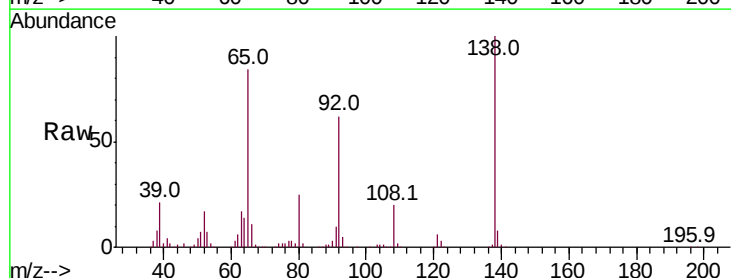
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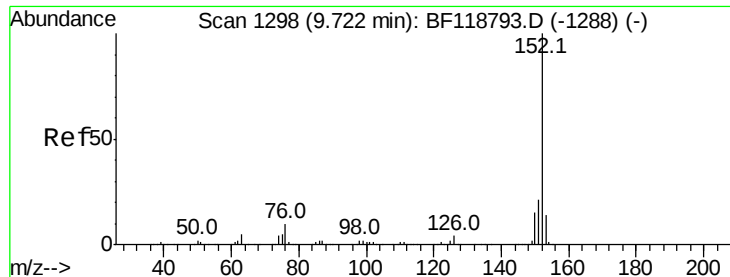
mohammad
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#48
 2-Nitroaniline
 Concen: 43.854 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion:	65	Resp:	441437
Ion Ratio	Lower	Upper	
65	100		
92	73.2	60.6	91.0
138	118.8	104.6	156.8





#49

Acenaphthylene

Concen: 41.634 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2098012

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

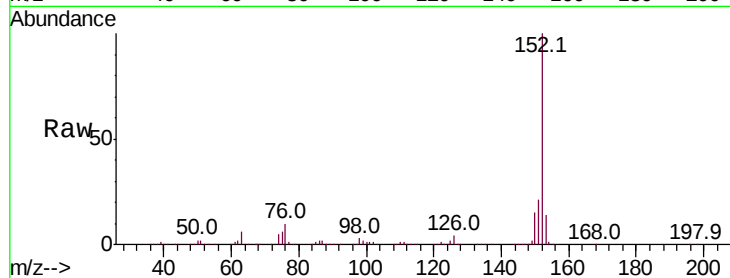
153 13.9 11.0 16.4

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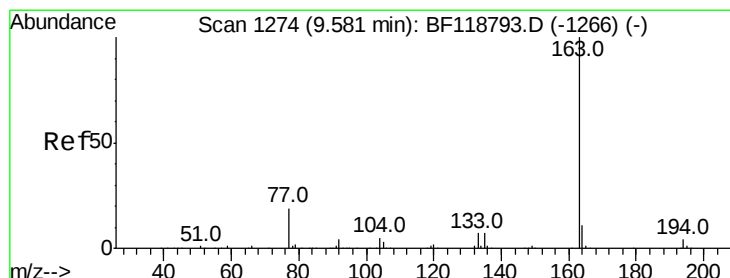
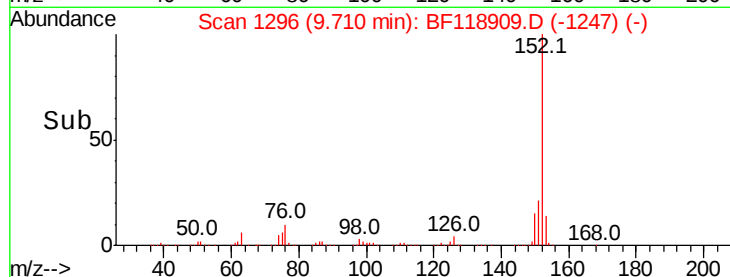
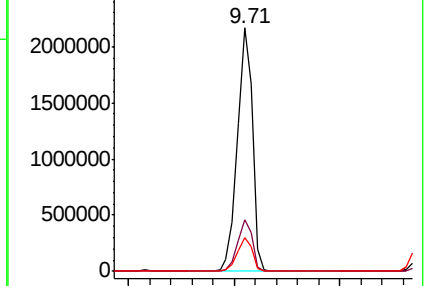
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.440 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

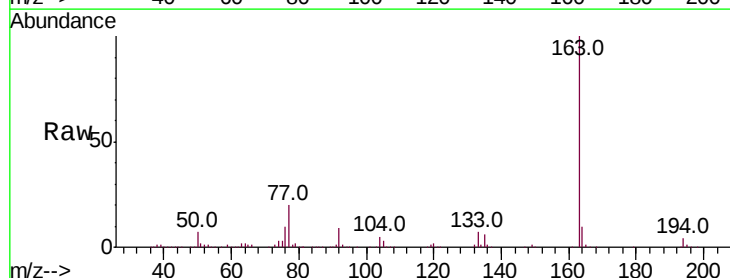
Tgt Ion:163 Resp: 1836391

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

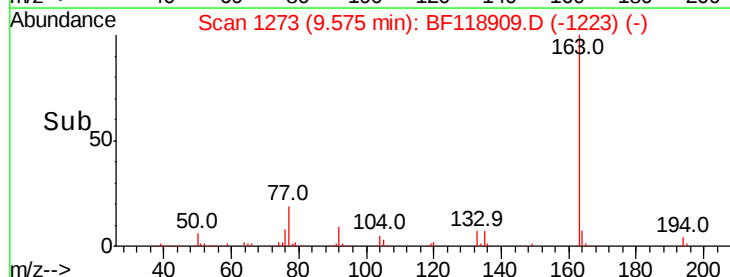
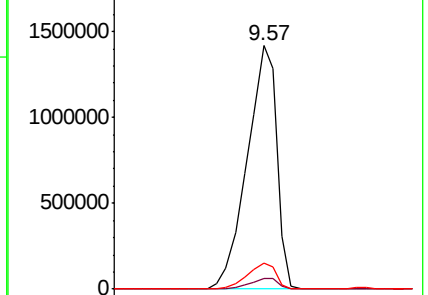
164 10.5 8.7 13.1

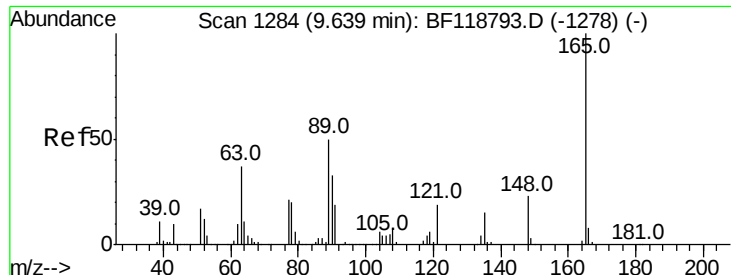


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.754 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

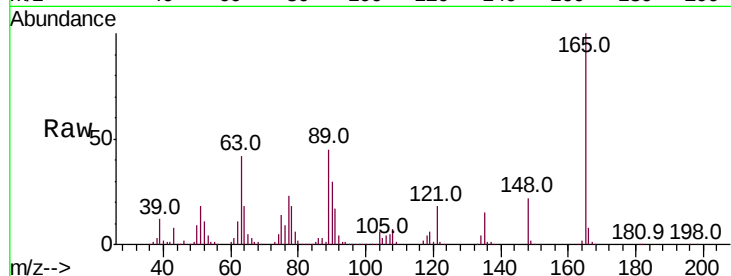
ClientSampleId :

SSTDCCC040

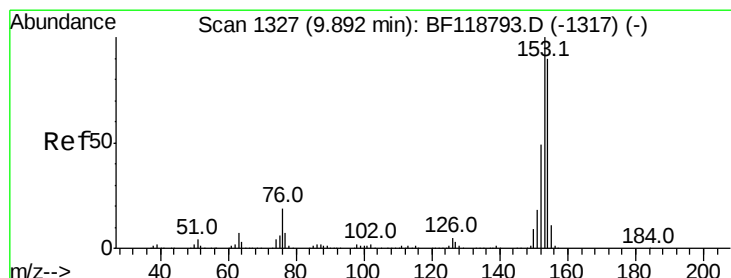
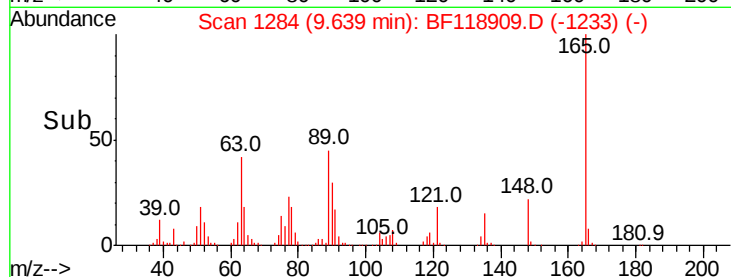
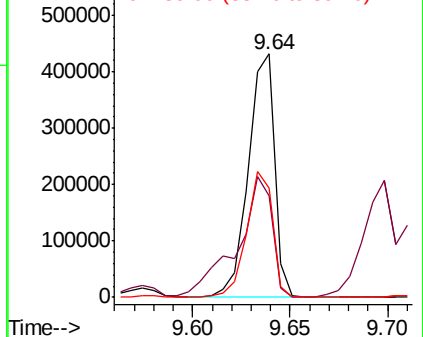
Tot Ion:	165	Resp:	404250
Ion Ratio	Lower	Upper	
165	100		
63	41.6	37.4	56.0
89	44.8	39.7	59.5

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.146 ng

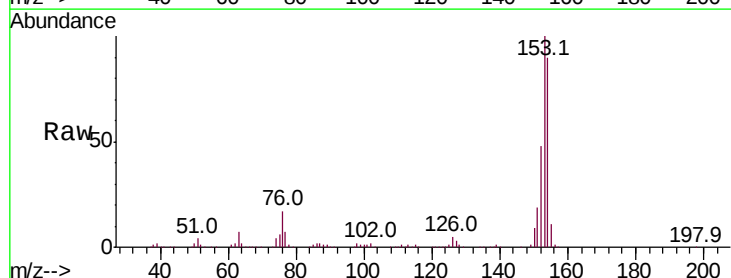
RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

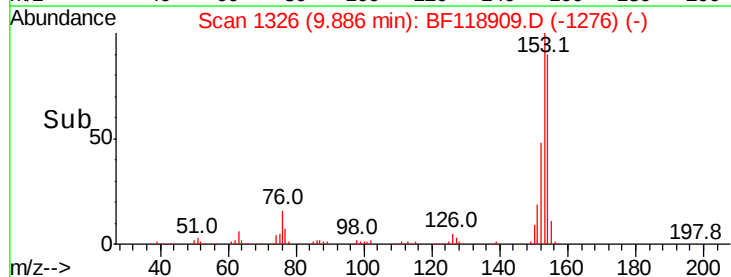
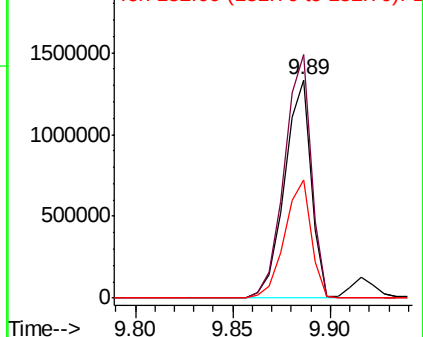
Lab File: BF118909.D

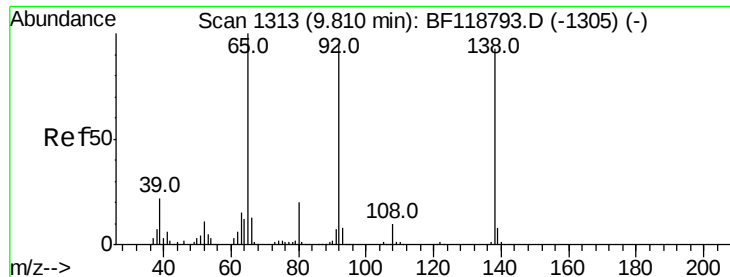
Acq: 12 Feb 2020 10:52

Tgt Ion:	154	Resp:	1266673
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.4	134.0
152	53.8	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





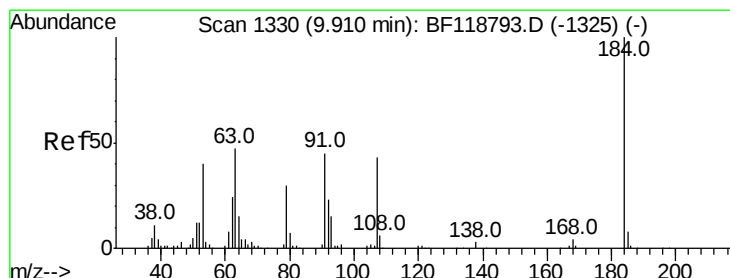
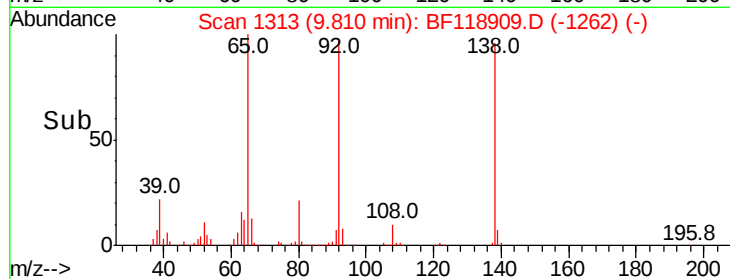
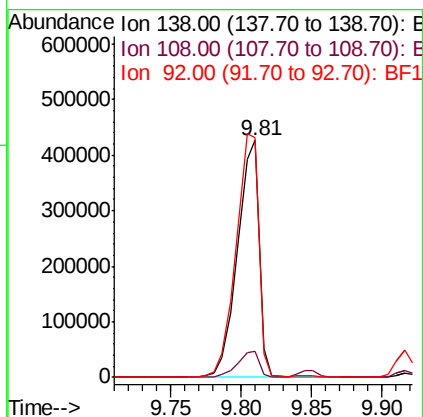
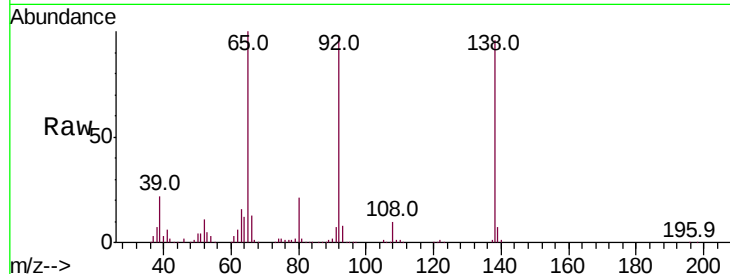
#53
3-Nitroaniline
Concen: 43.411 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	101.1	82.2	123.4

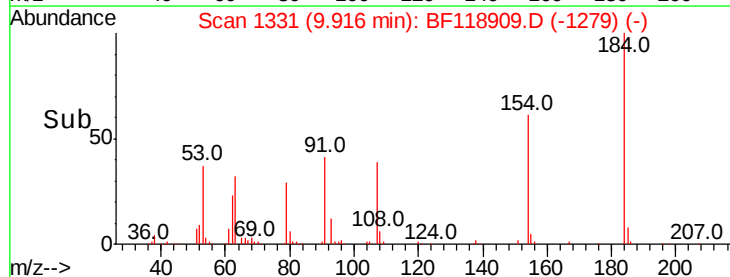
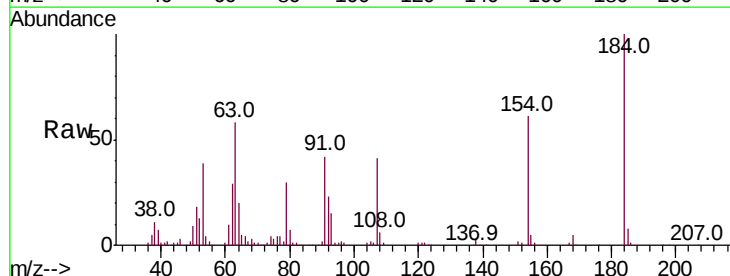
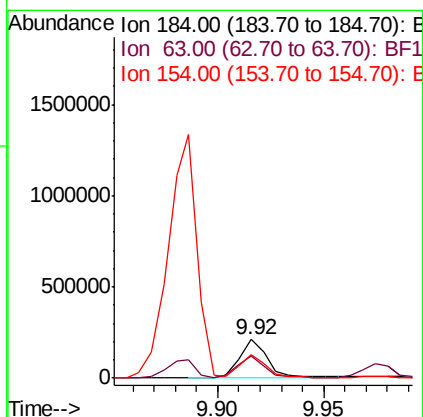
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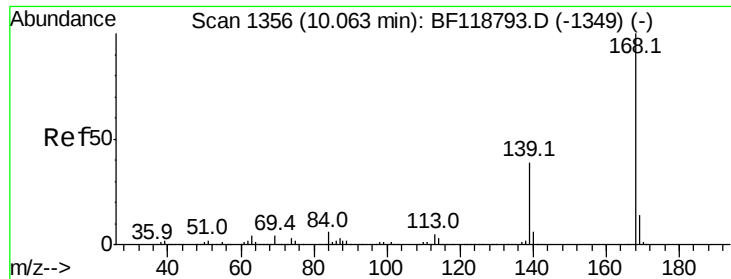
mohammad
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#54
2,4-Dinitrophenol
Concen: 44.087 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	47.5	71.3
154	61.3	48.6	72.8





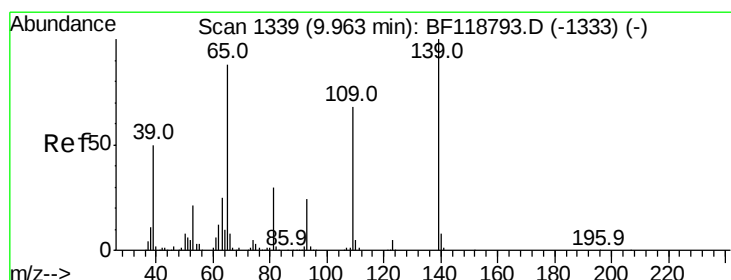
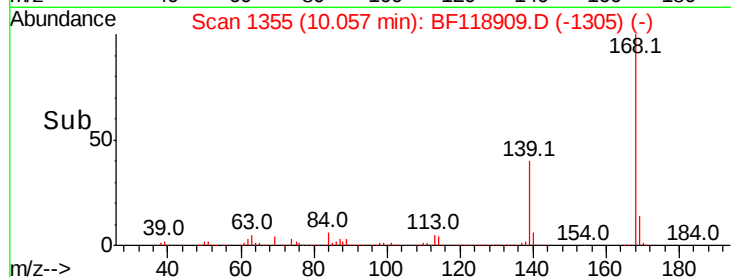
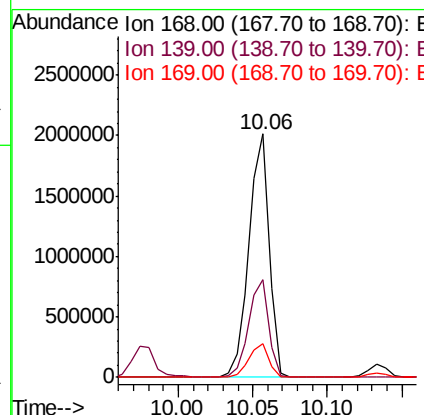
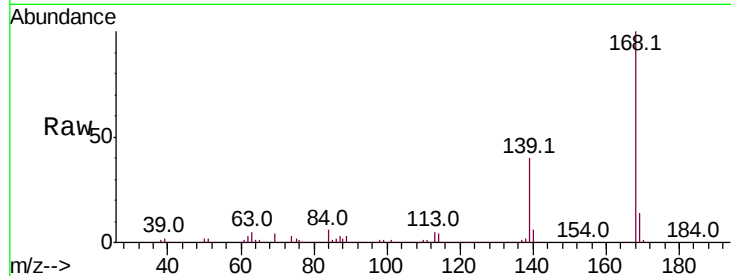
#55
Dibenzofuran
Concen: 39.413 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.6	47.4
169	13.9	11.4	17.2

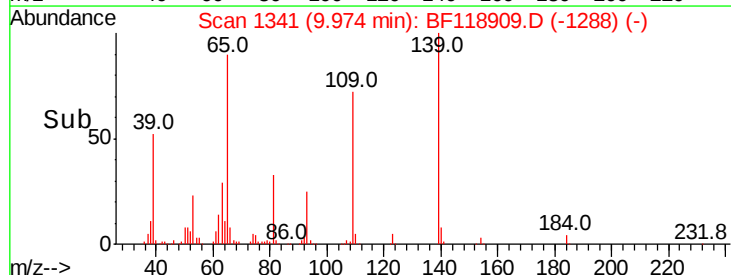
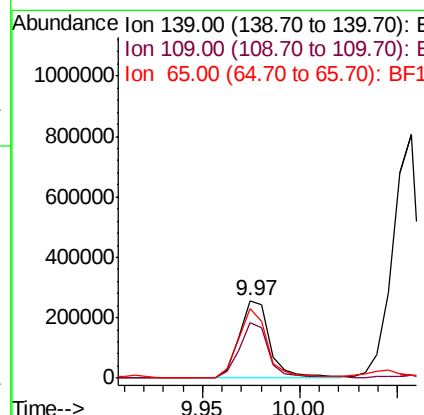
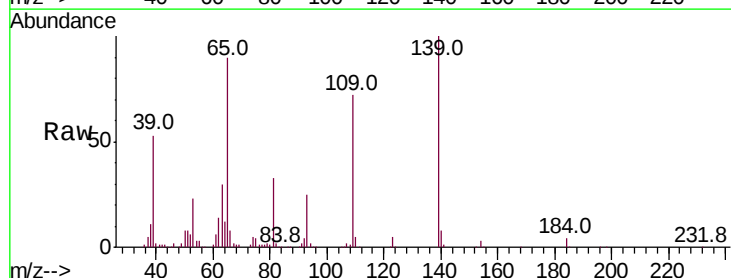
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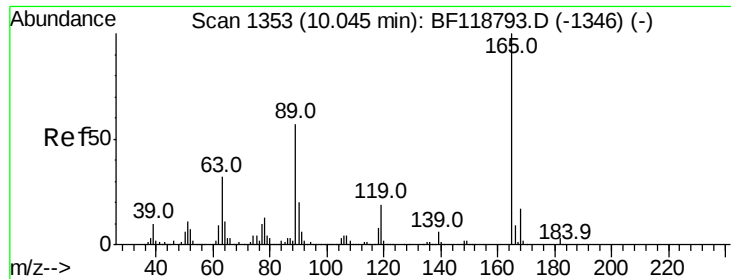
mohammad
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#56
4-Nitrophenol
Concen: 37.075 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	48.0	88.0
65	90.4	68.3	108.3





#57

2,4-Dinitrotoluene

Concen: 42.088 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 526637
Ion Ratio Lower Upper

165 100

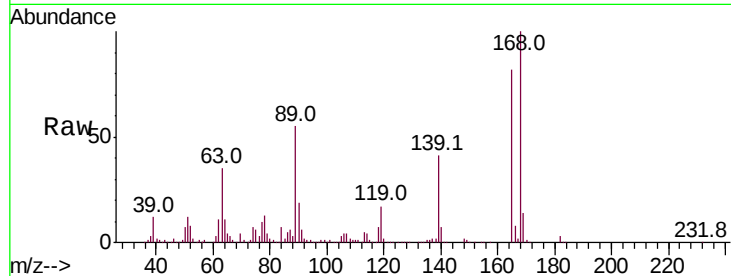
63 43.0 25.5 38.3#

89 66.8 45.4 68.0

182 3.1 2.4 3.6

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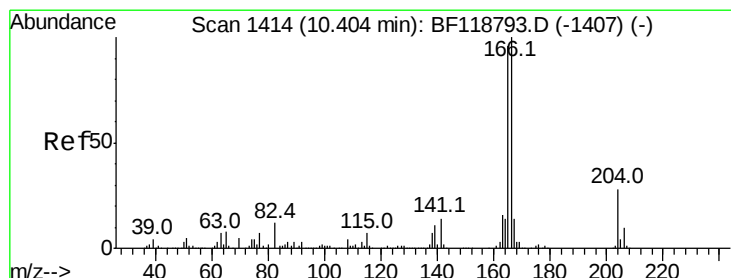
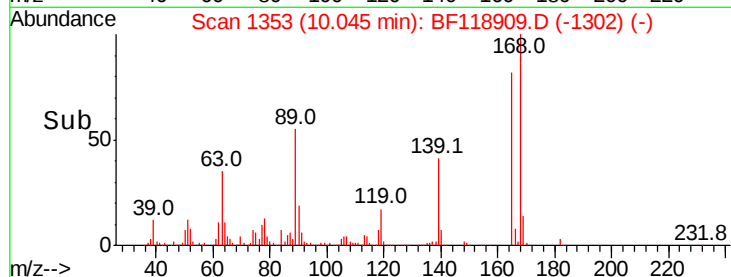
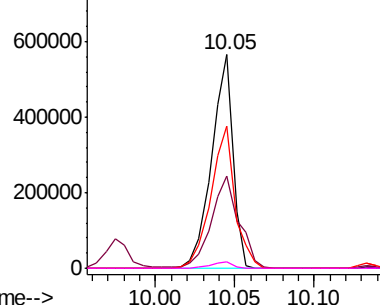


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.746 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF118909.D

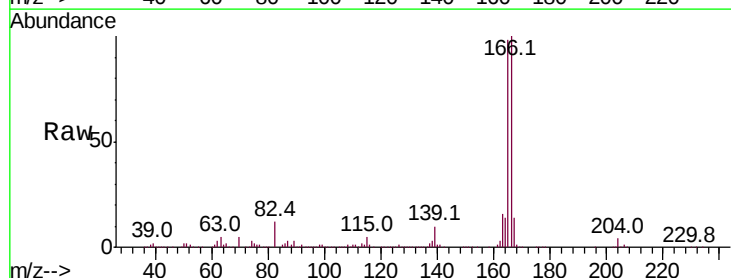
Acq: 12 Feb 2020 10:52

Tgt Ion:166 Resp: 1507142
Ion Ratio Lower Upper

166 100

165 97.5 77.0 115.6

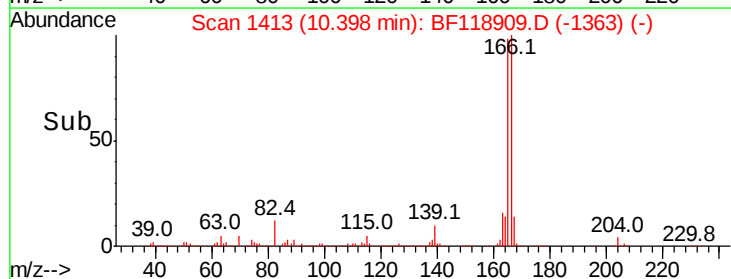
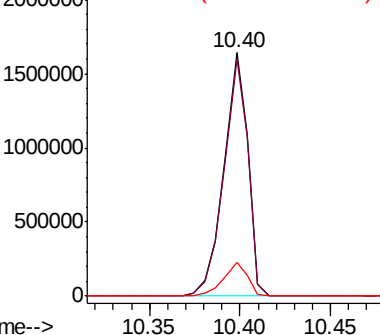
167 13.9 11.1 16.7

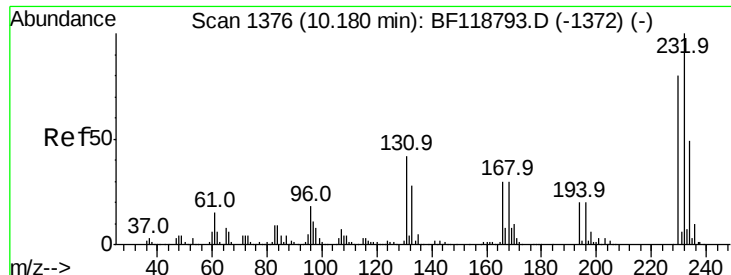


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





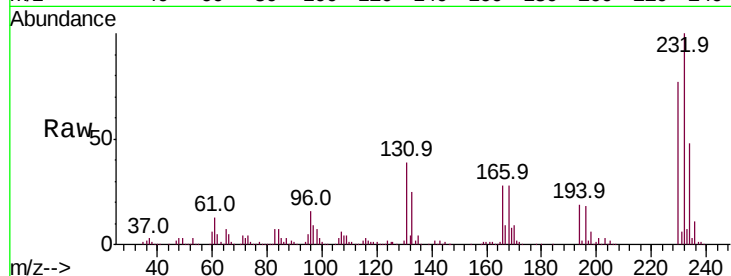
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.487 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

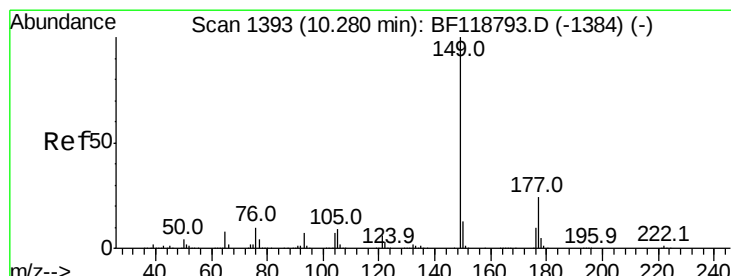
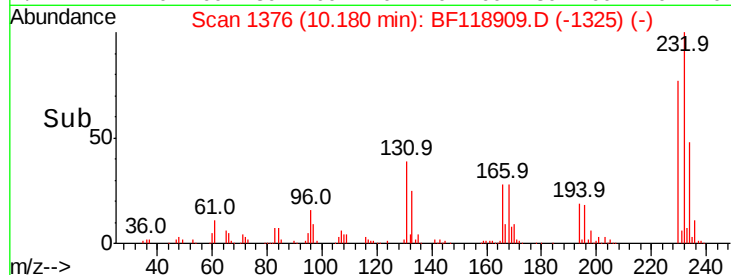
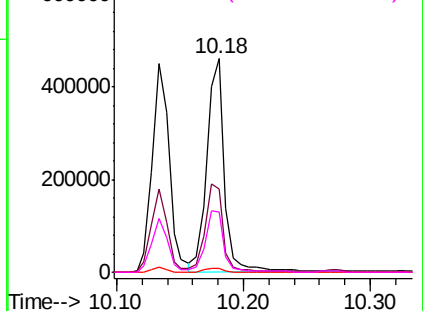
Tot Ion	Ratio	Resp	Lower	Upper
232	100	442501		
131	42.0		31.8	47.6
130	2.2		1.6	2.4
166	29.3		23.1	34.7

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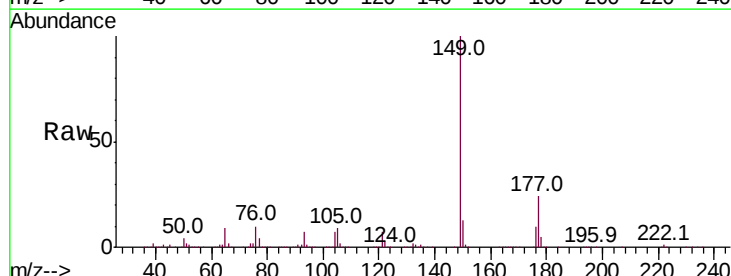


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

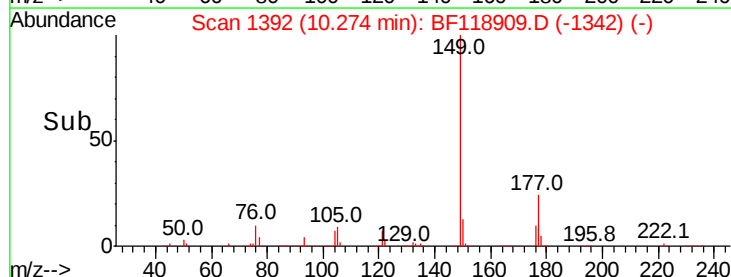
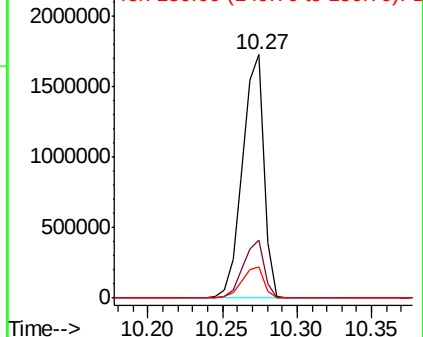


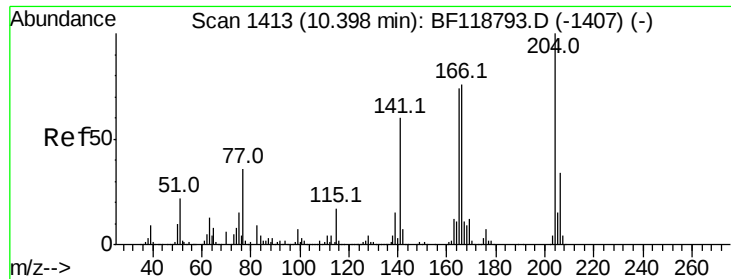
#60
 Diethylphthalate
 Concen: 42.829 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1720977		
177	23.8		19.3	28.9
150	13.0		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





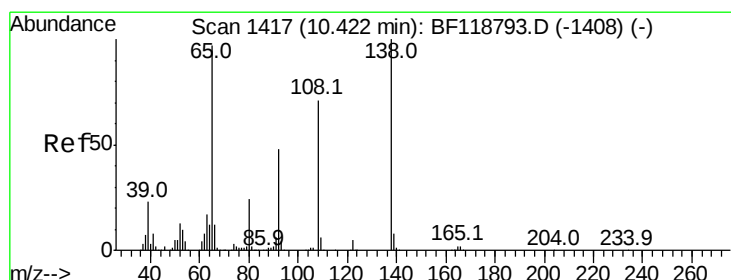
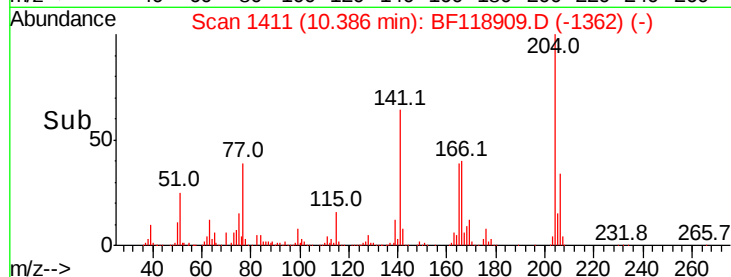
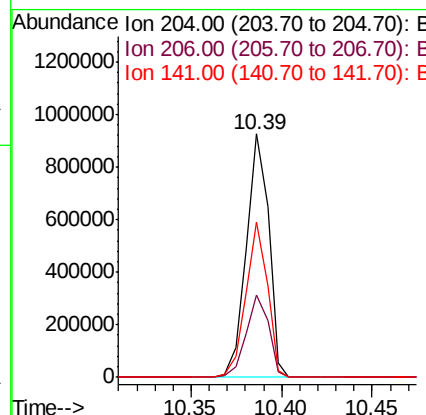
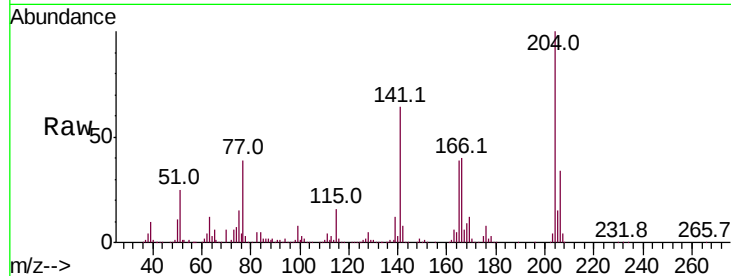
#61
4-Chlorophenyl-phenylether
Concen: 40.674 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.4	41.2
141	63.8	47.8	71.6

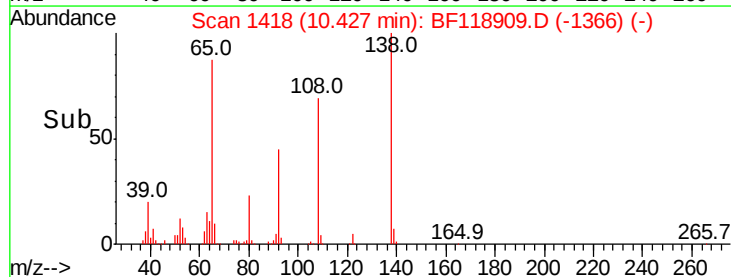
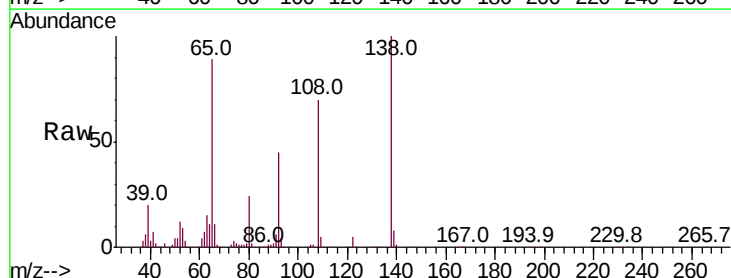
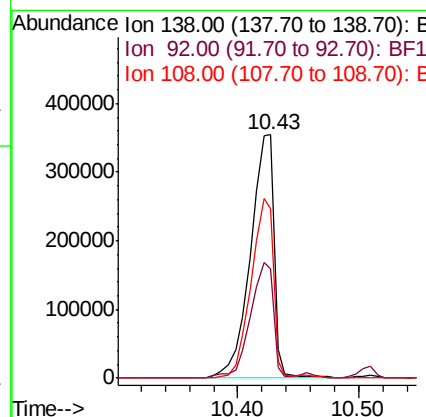
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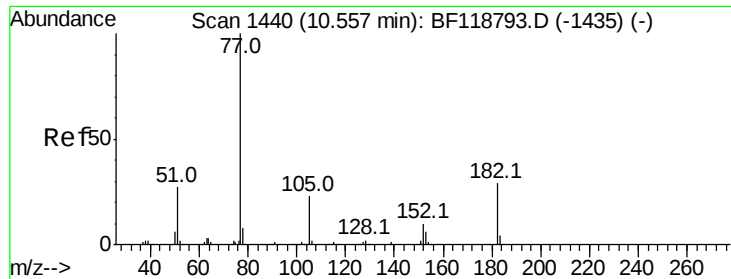
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#62
4-Nitroaniline
Concen: 46.451 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	27.6	67.6
108	69.8	51.3	91.3





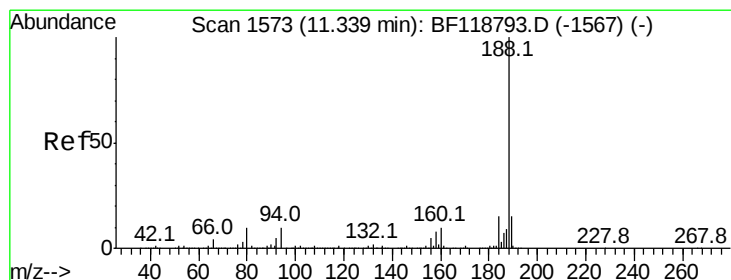
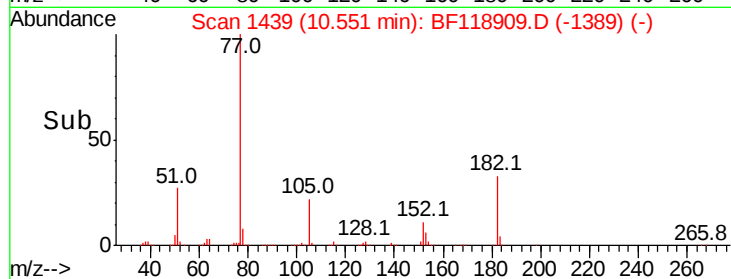
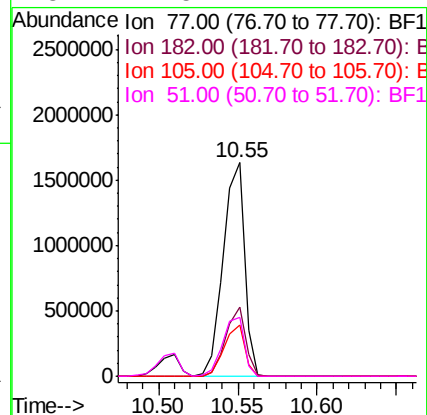
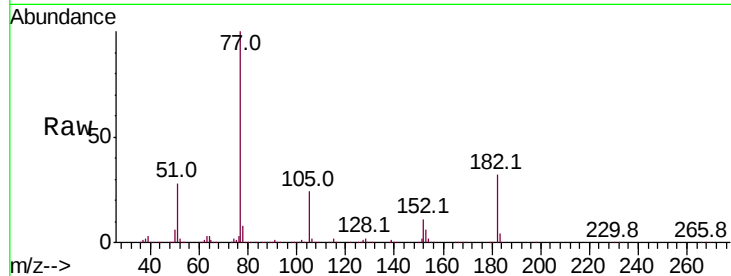
#63
Azobenzene
Concen: 44.688 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.5	9.2	49.2
105	23.7	3.1	43.1
51	27.5	7.4	47.4

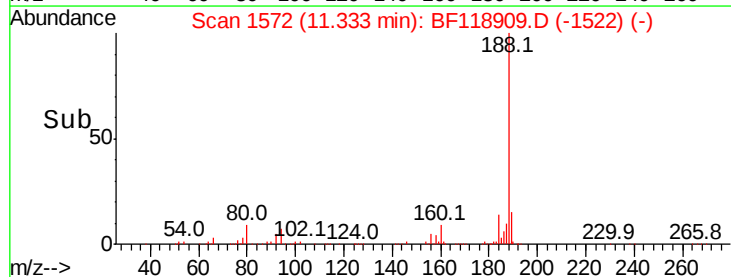
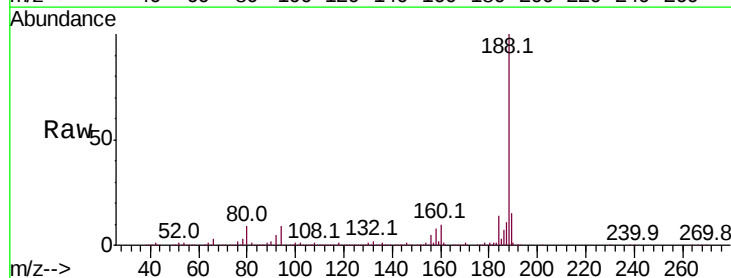
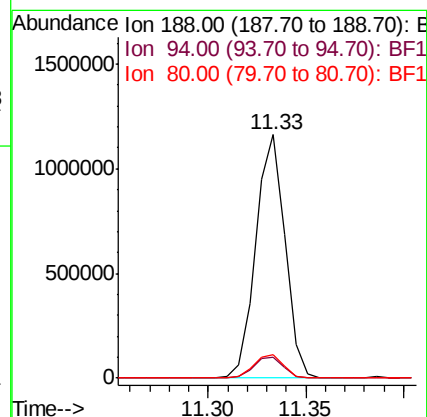
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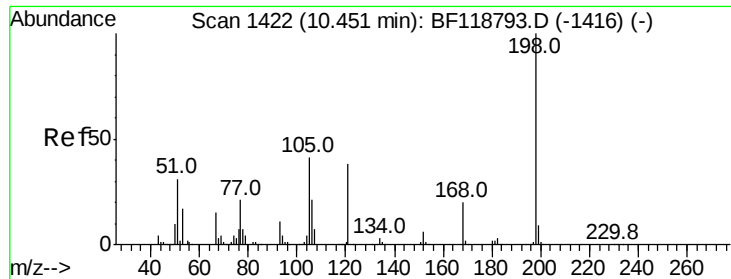
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.5	8.4	12.6





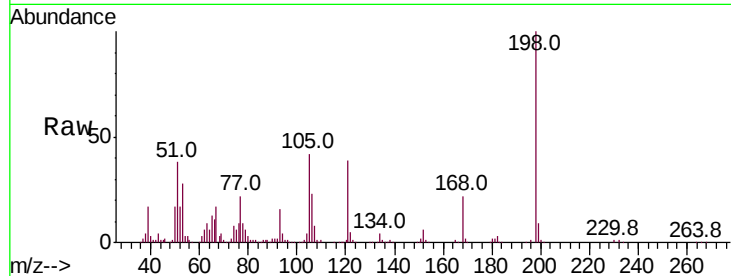
#65
4,6-Dinitro-2-methylphenol
Concen: 44.537 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	16.7	56.7
105	42.2	22.0	62.0

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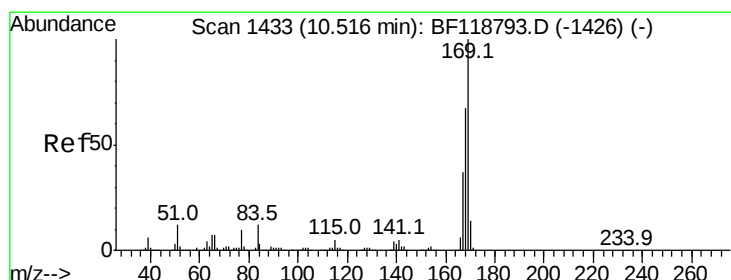
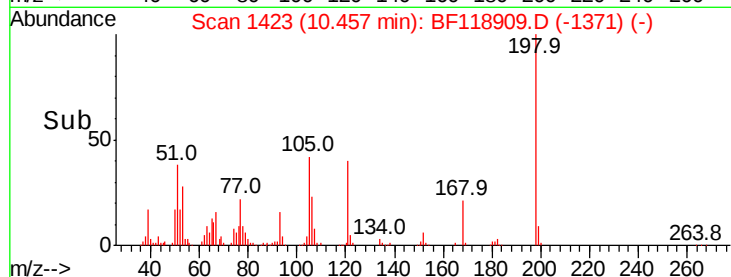
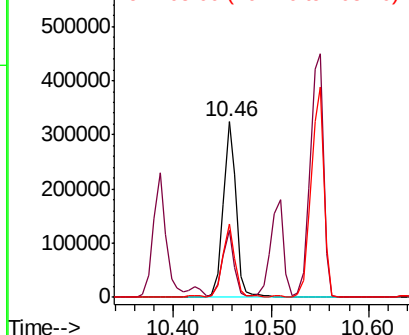


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.798 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

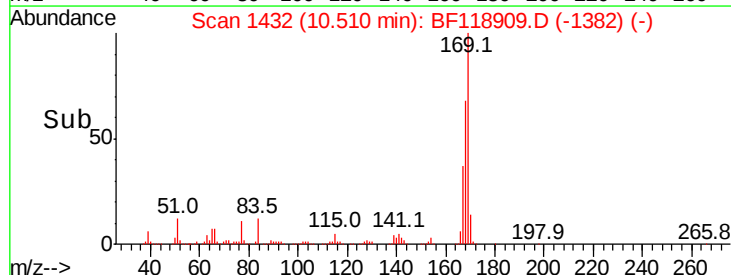
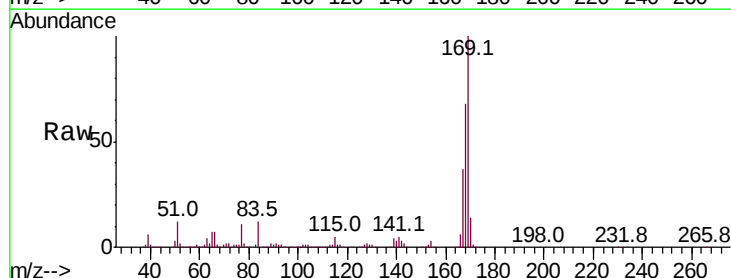
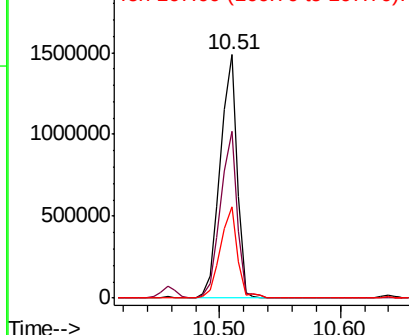
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.5	80.3
167	37.5	29.3	43.9

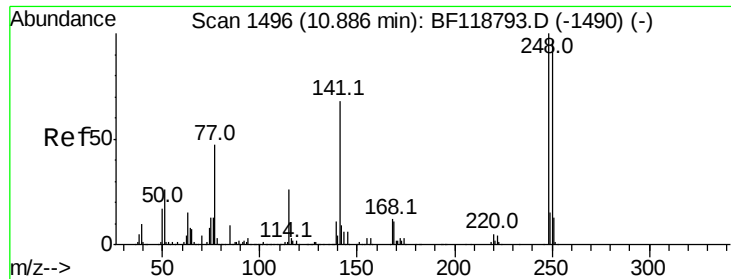
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





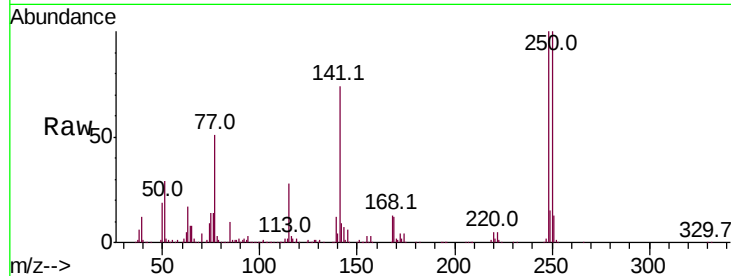
#67
4-Bromophenyl-phenylether
Concen: 41.579 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
248	100	592381		
250	99.5	77.6	116.4	
141	73.9	54.4	81.6	

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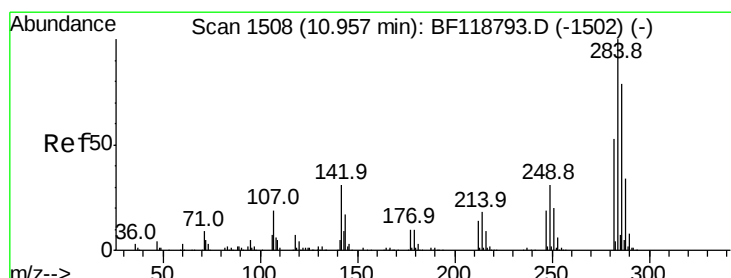
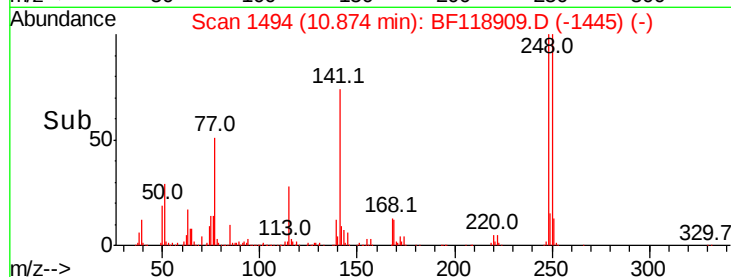
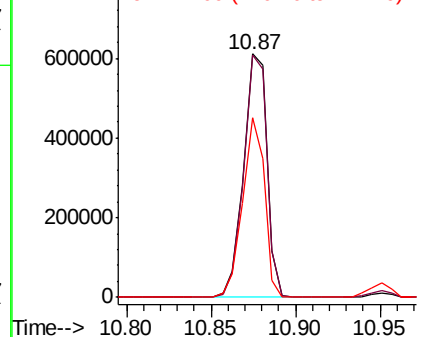


Abundance

Ion 248.00 (247.70 to 248.70): E

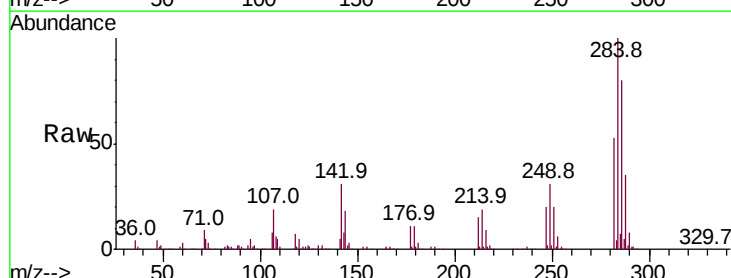
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.811 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	666899		
142	31.2	24.5	36.7	
249	31.1	24.7	37.1	

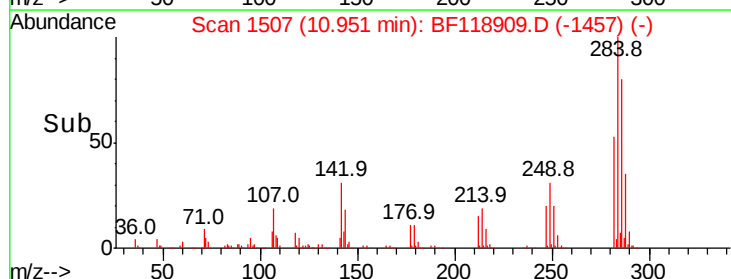
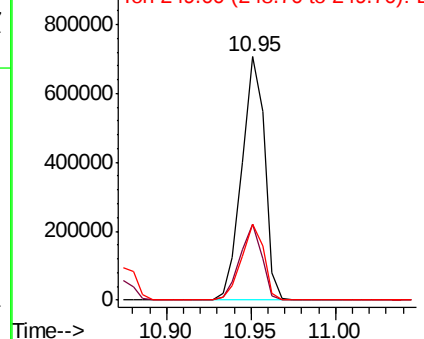


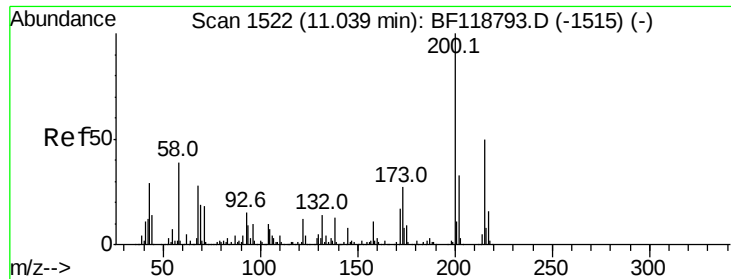
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





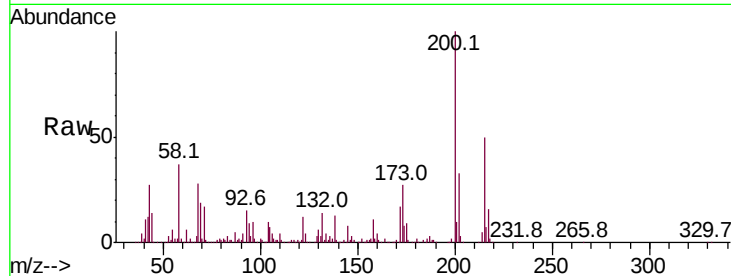
#69
Atrazine
Concen: 39.299 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.4	7.5	47.5	
215	49.8	29.9	69.9	

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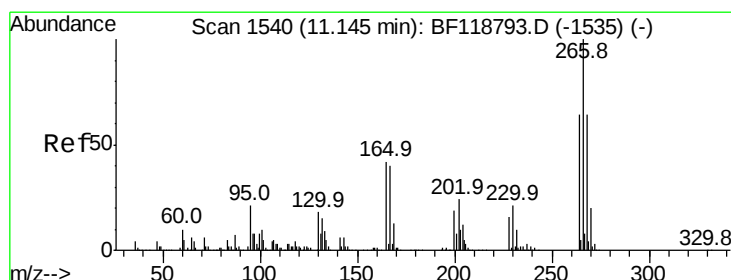
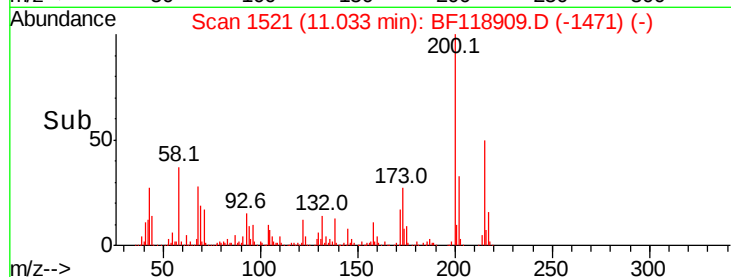
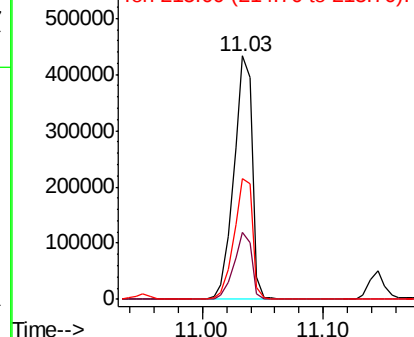


Abundance

Ion 200.00 (199.70 to 200.70): E

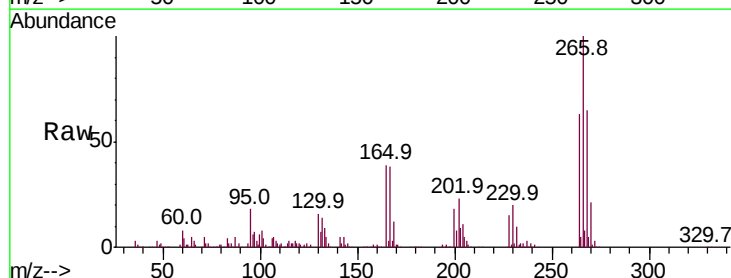
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.719 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.7	51.0	76.6	
264	63.4	51.4	77.2	

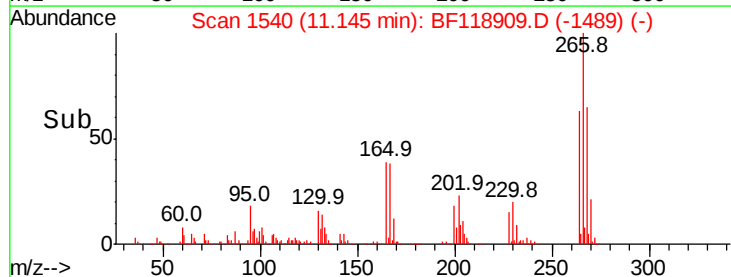
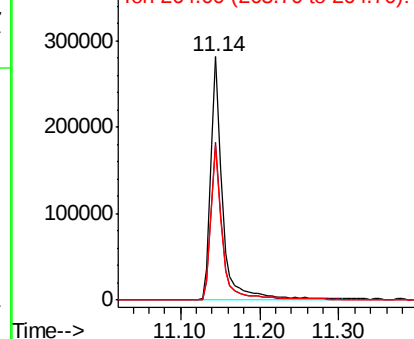


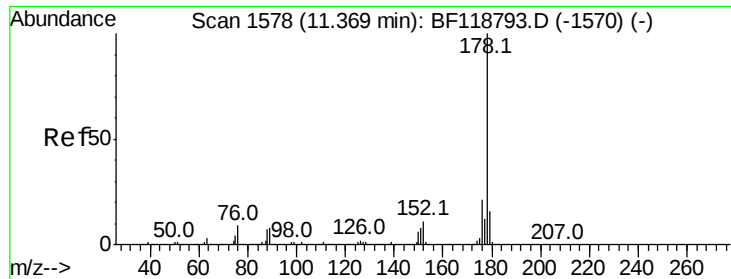
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





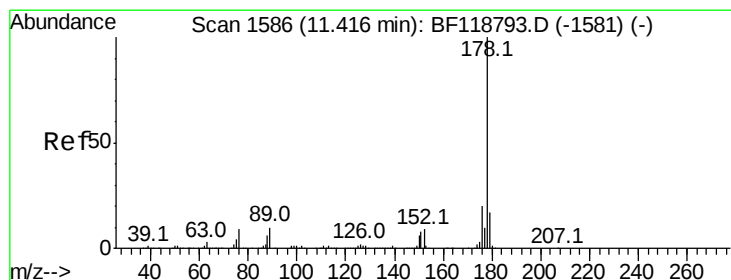
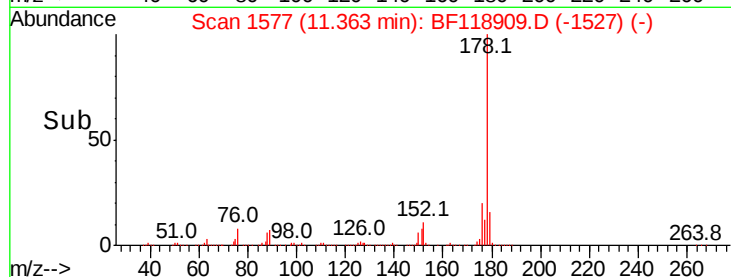
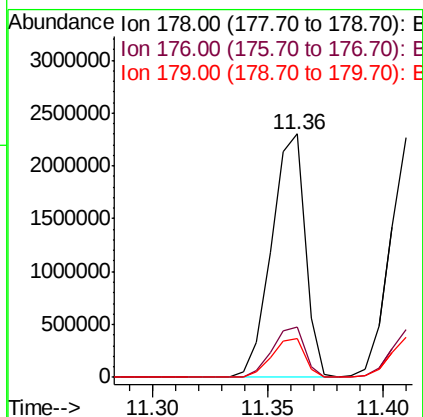
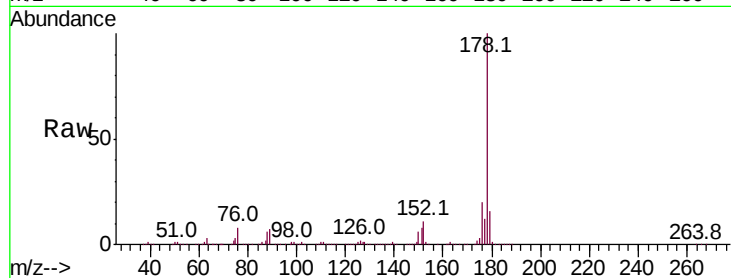
#71
Phenanthrene
Concen: 39.248 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	16.1	13.2	19.8

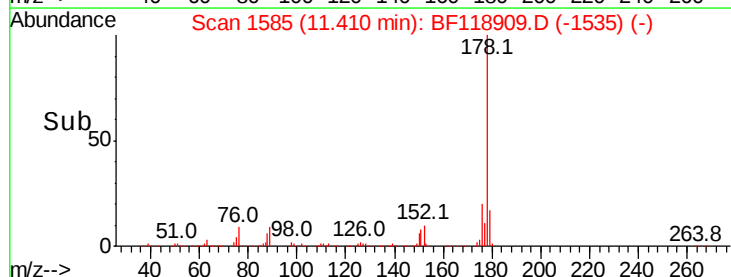
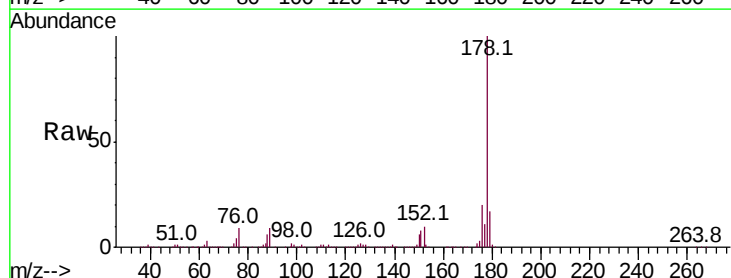
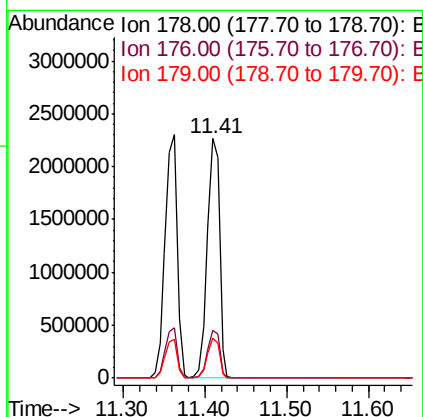
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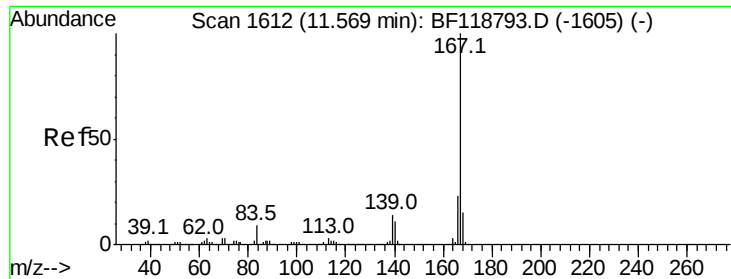
mohammad
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#72
Anthracene
Concen: 40.037 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.2
179	16.9	13.4	20.2





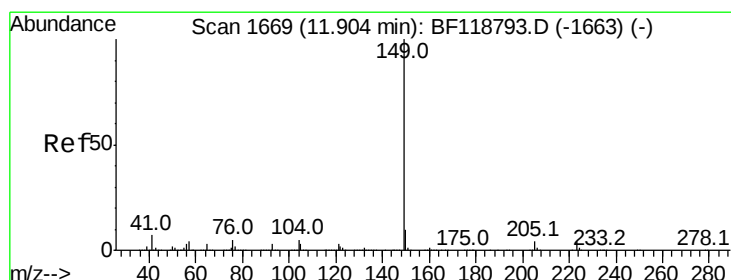
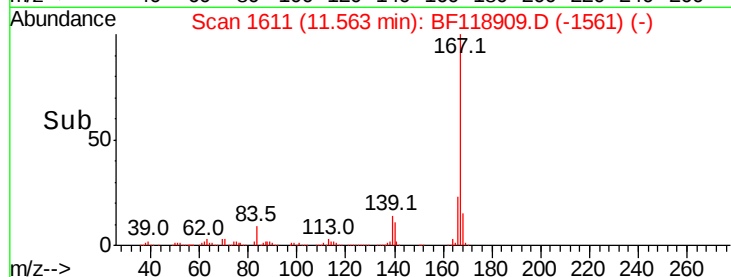
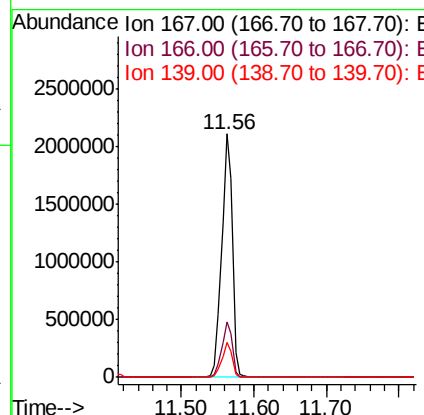
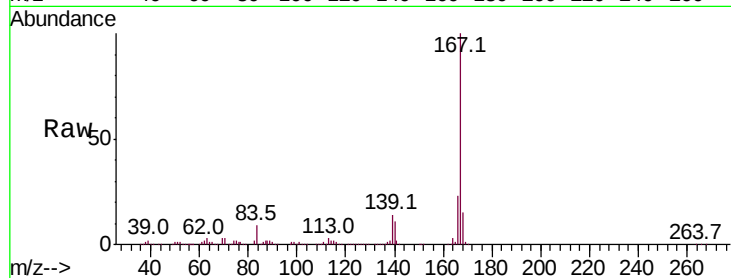
#73
 Carbazole
 Concen: 41.917 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	14.3	11.1	16.7

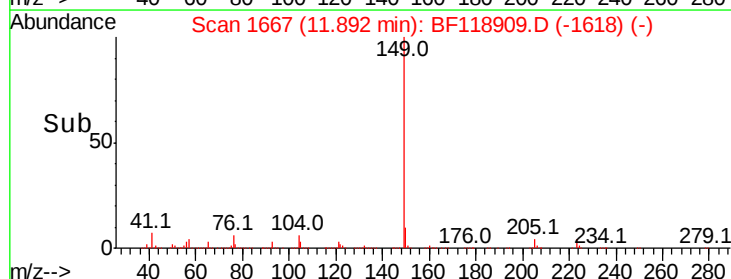
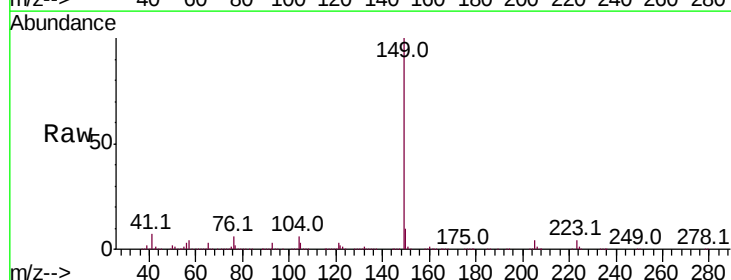
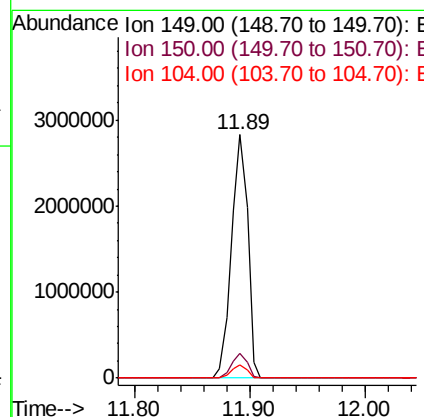
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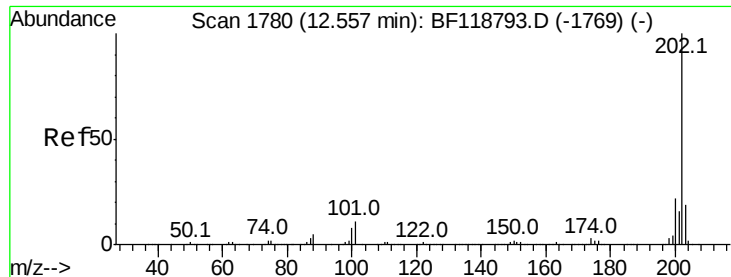
mohammad
 2/13/2020 3:34:13 PM



#74
 Di-n-butylphthalate
 Concen: 41.784 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	5.6	4.3	6.5





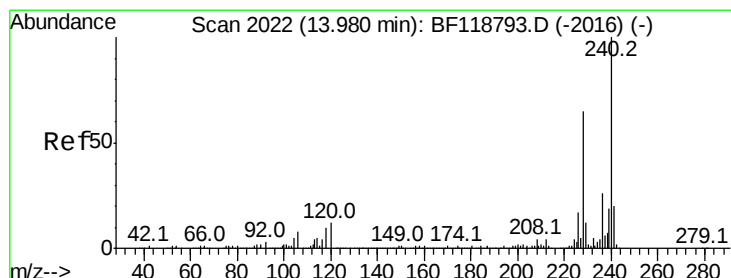
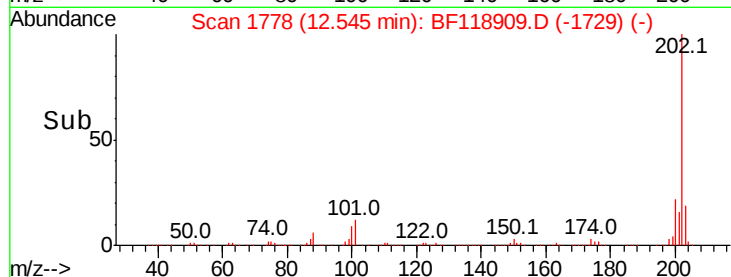
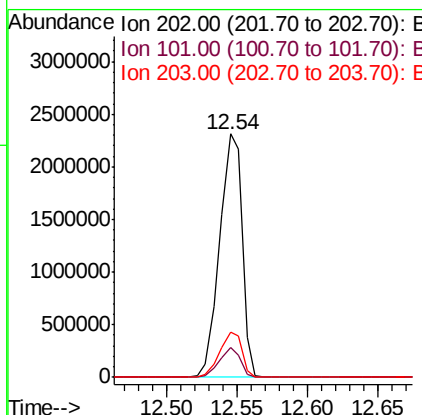
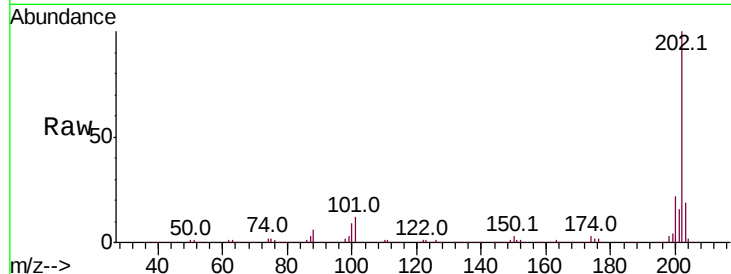
#75
 Fluoranthene
 Concen: 39.500 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2555553		
101	12.0		0.0	31.0
203	18.7		0.0	38.7

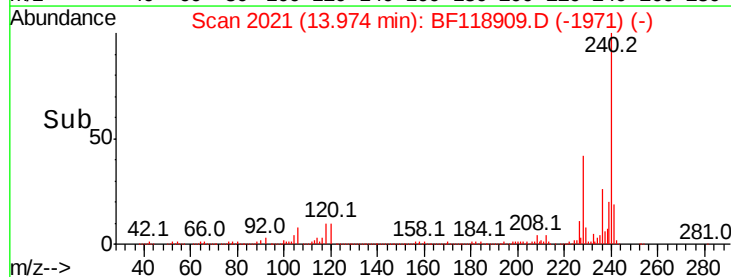
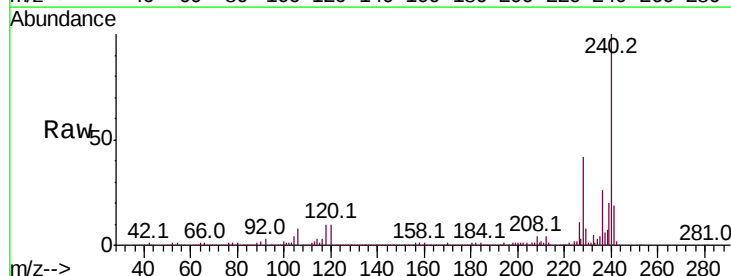
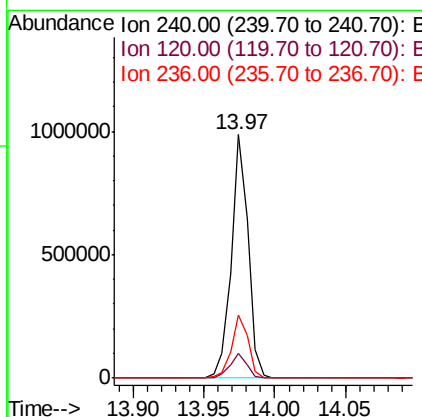
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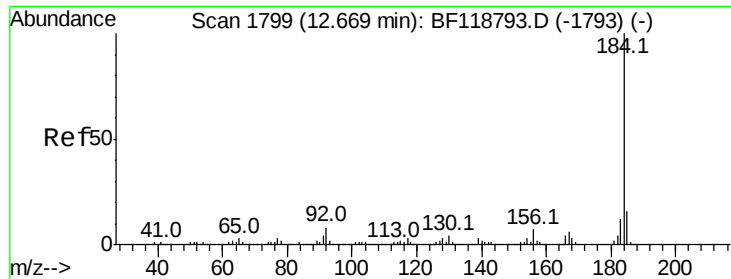
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	815744		
120	10.4		9.4	14.0
236	26.0		21.0	31.6





#77

Benzidine

Concen: 45.942 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1133523

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

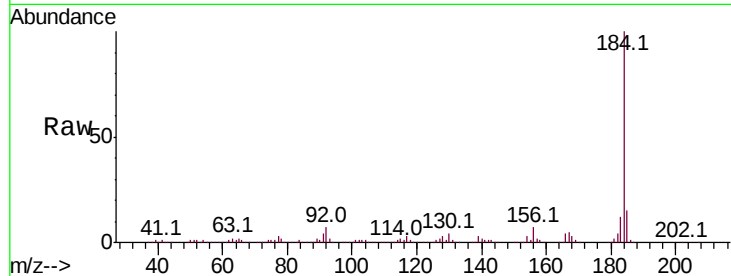
183 12.2 9.7 14.5

Manual Integrations

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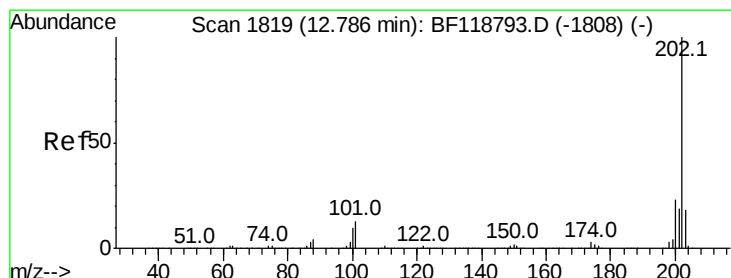
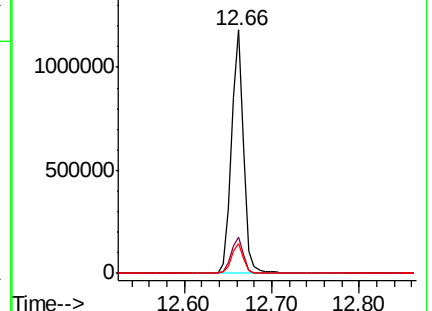
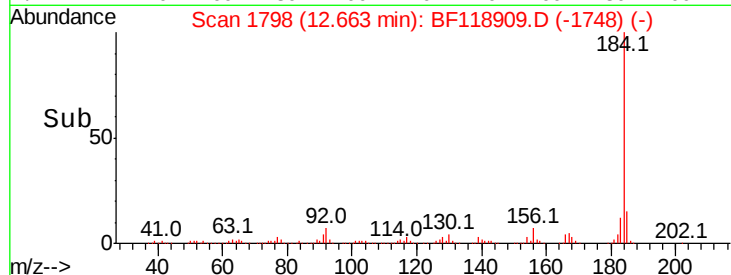
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.349 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

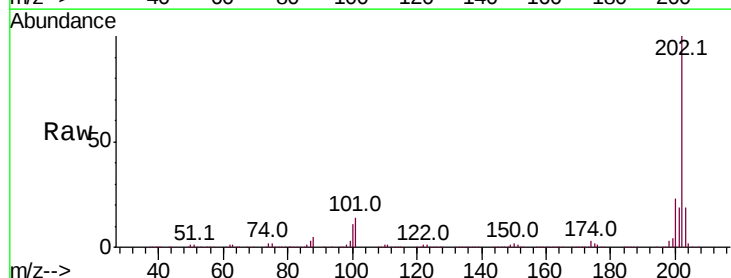
Tgt Ion:202 Resp: 2537841

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

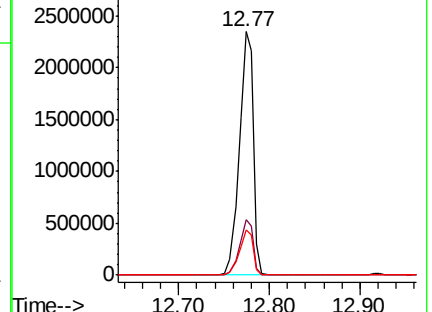
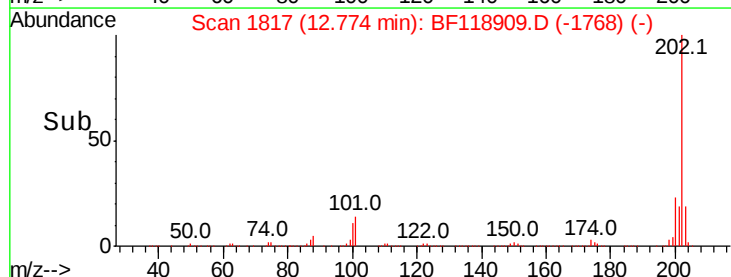
203 18.8 14.8 22.2

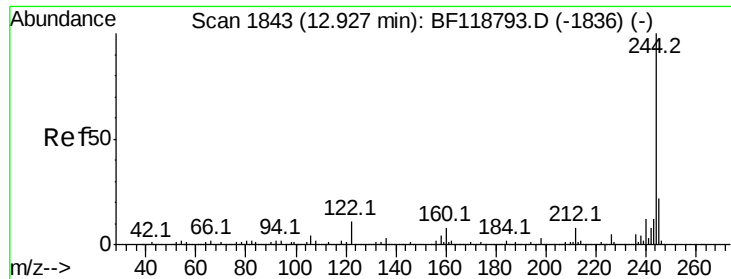


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





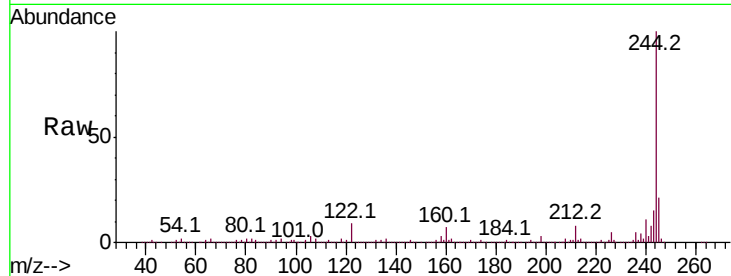
#79
 Terphenyl-d14
 Concen: 88.159 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

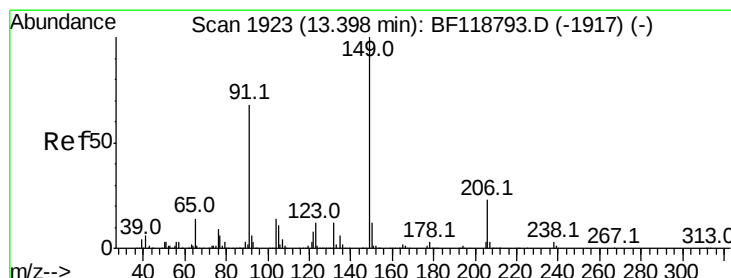
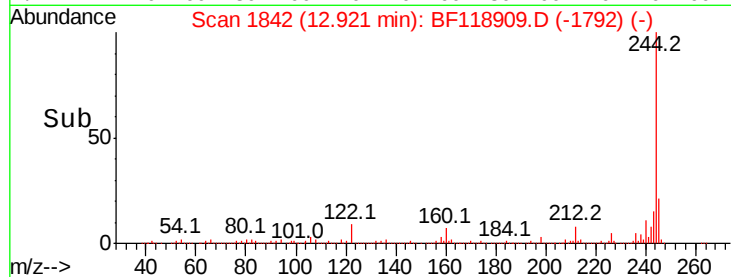
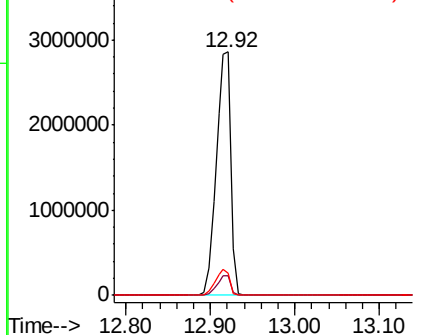
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.2	8.9	13.3

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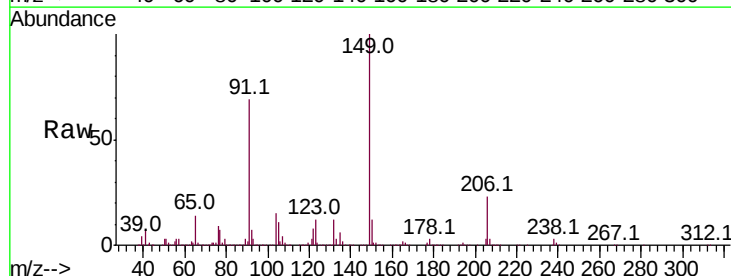


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

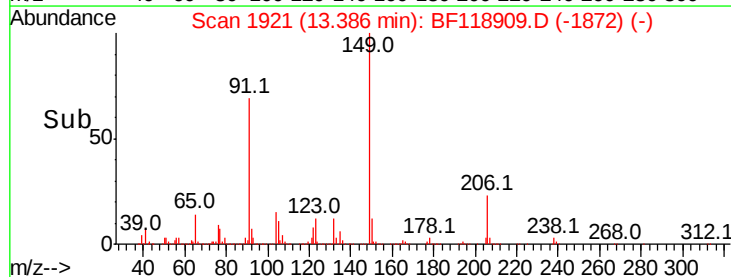
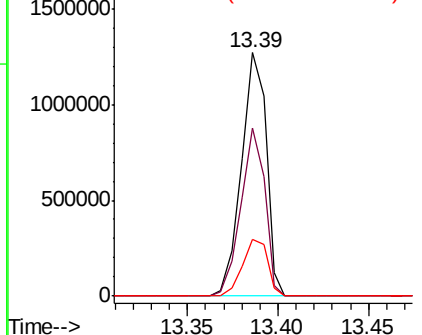


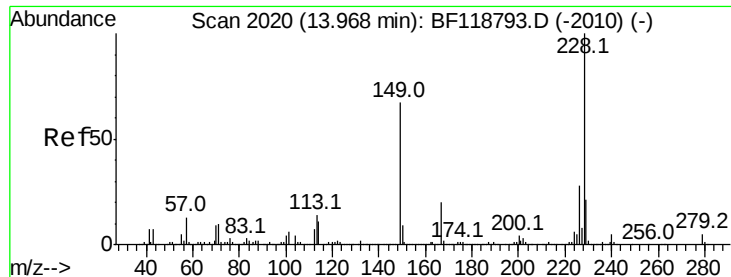
#80
 Butylbenzylphthalate
 Concen: 47.474 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	54.7	82.1
206	23.3	18.5	27.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.930 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2132456

Ion Ratio Lower Upper

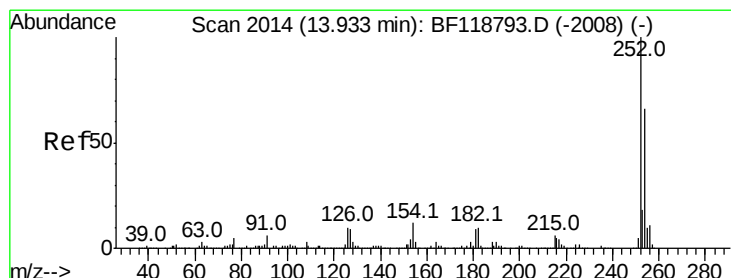
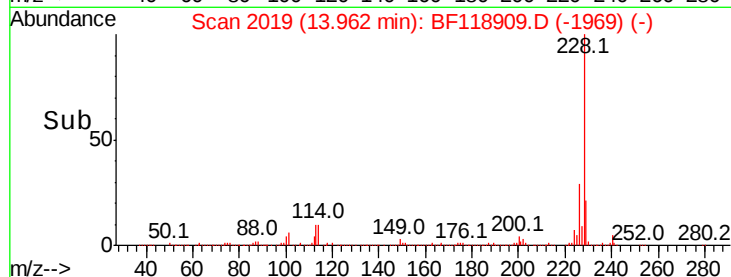
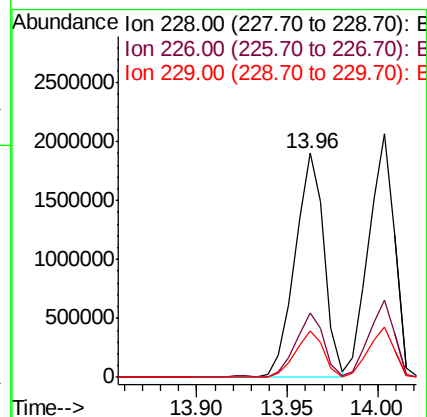
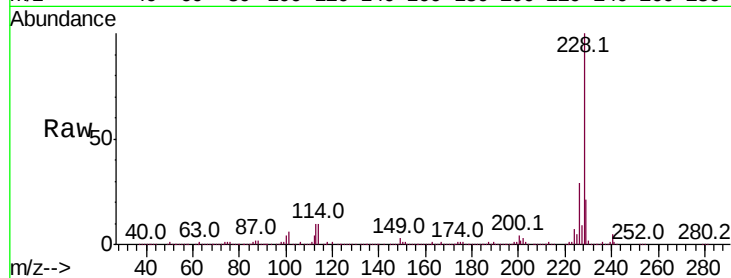
228 100

226 28.6 22.7 34.1

229 20.6 16.6 25.0

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#82

3,3'-Dichlorobenzidine

Concen: 44.408 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

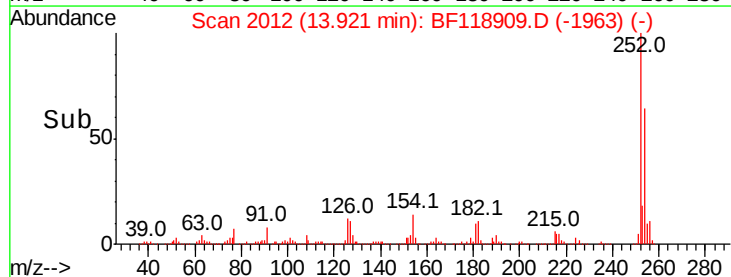
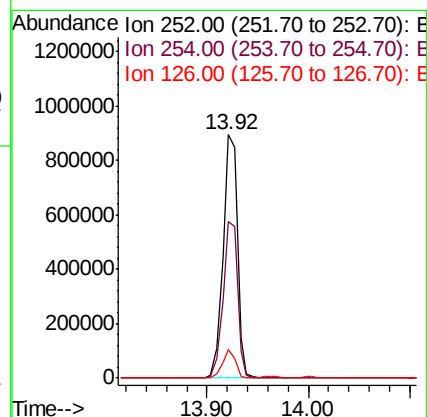
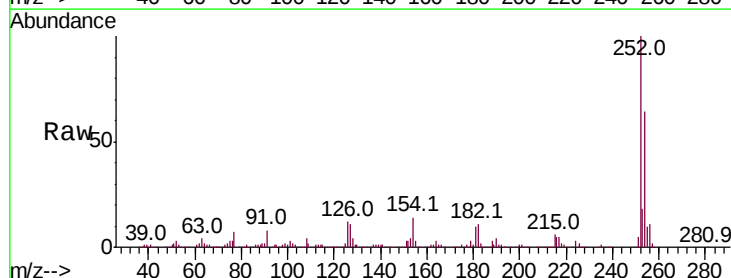
Tgt Ion:252 Resp: 881645

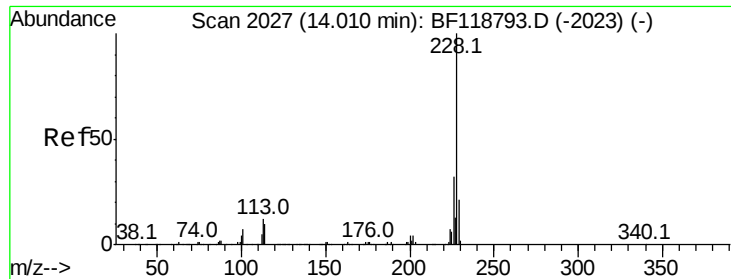
Ion Ratio Lower Upper

252 100

254 64.5 52.4 78.6

126 11.7 7.8 11.8





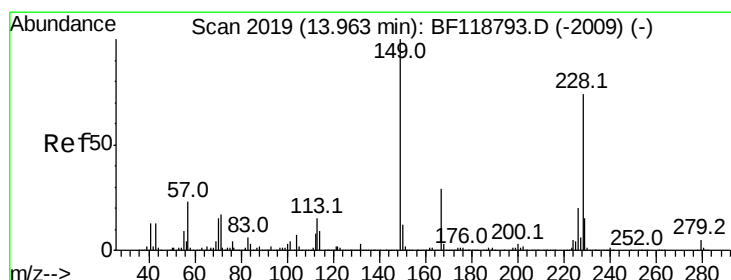
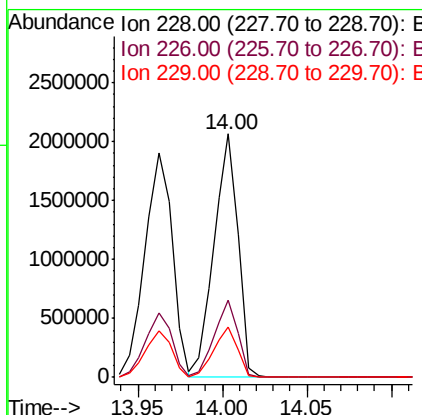
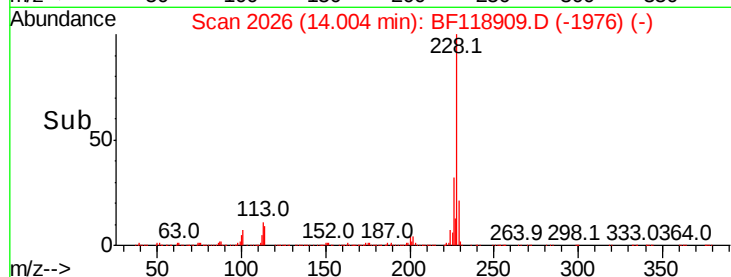
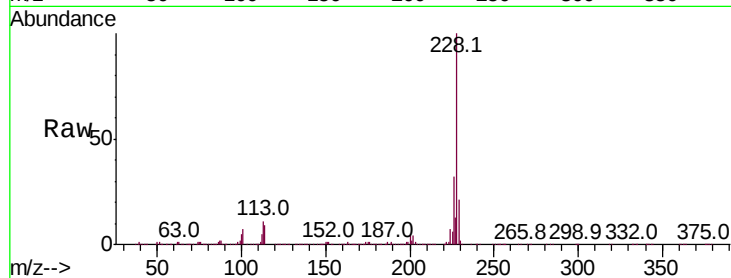
#83
 Chrysene
 Concen: 42.255 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.9	16.9	25.3

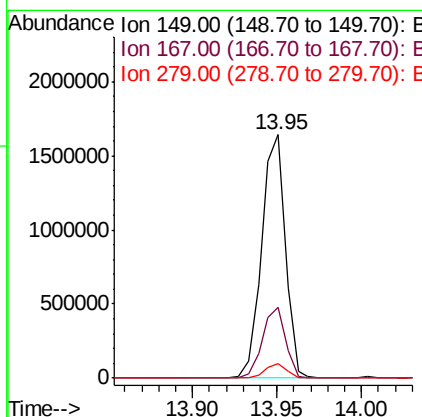
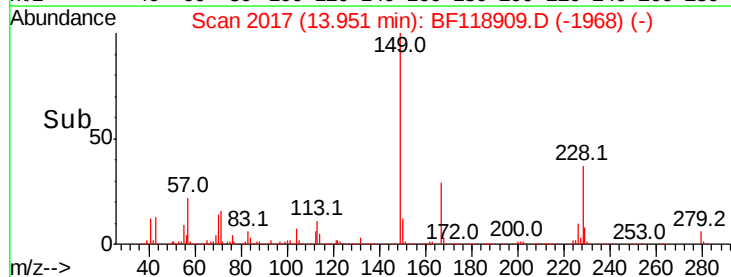
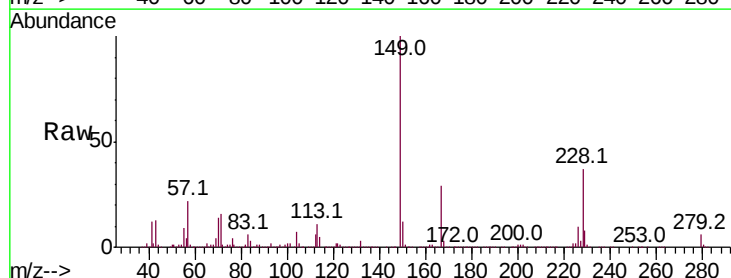
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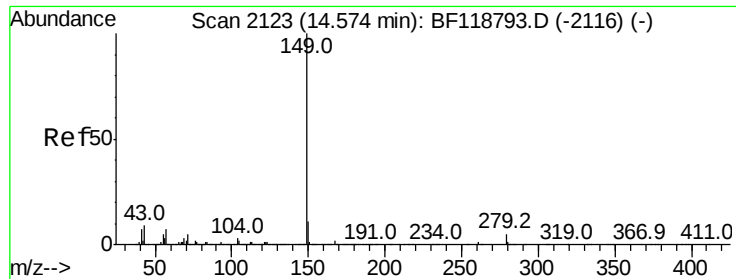
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.376 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF118909.D
 Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.6
279	6.1	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 44.881 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2491669

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

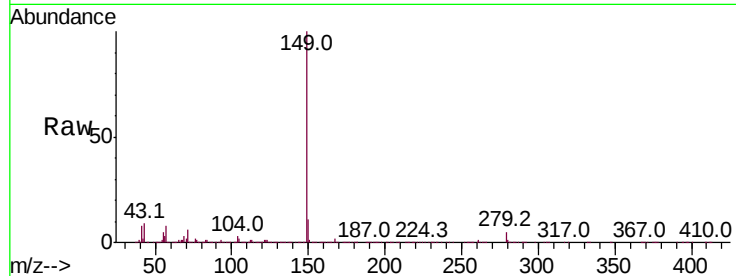
43 8.7 6.6 10.0

Manual Integrations

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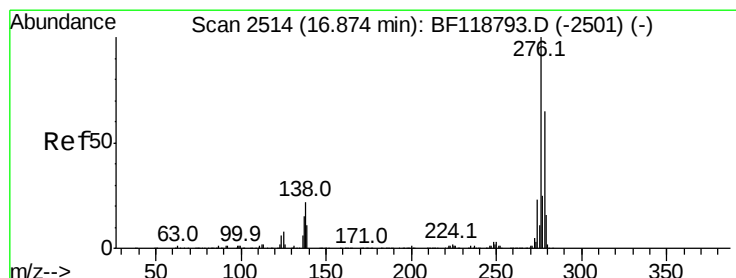
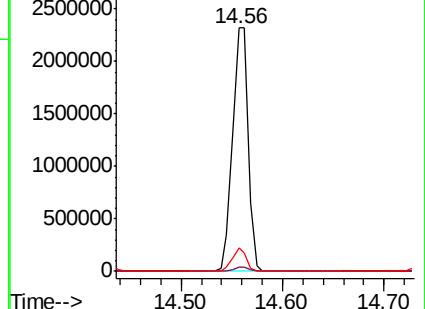
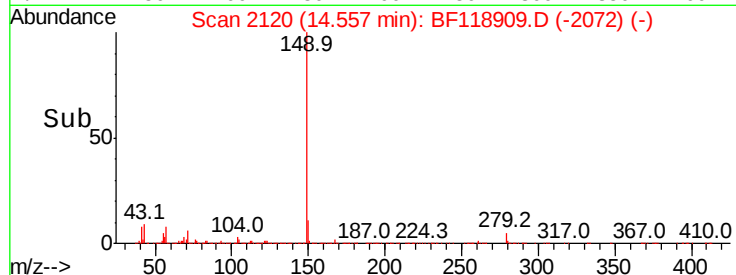
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.720 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF118909.D

Acq: 12 Feb 2020 10:52

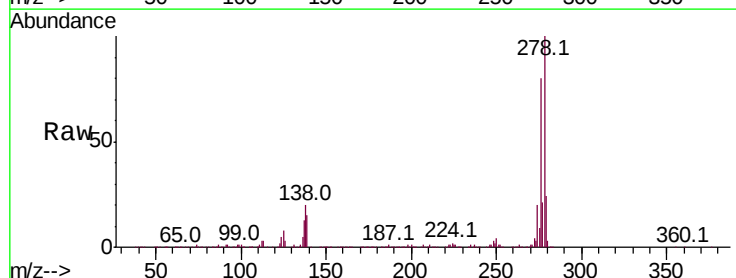
Tgt Ion:276 Resp: 1944243

Ion Ratio Lower Upper

276 100

138 22.5 18.3 27.5

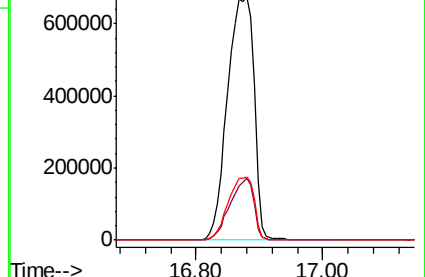
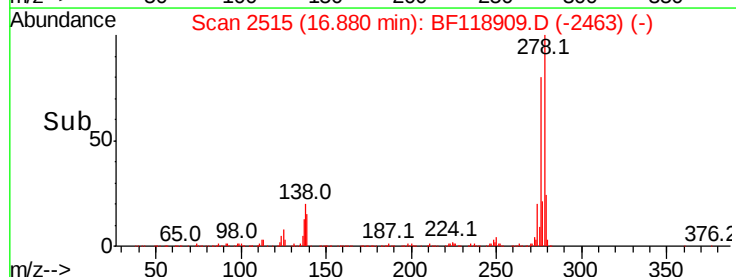
277 25.4 20.2 30.4

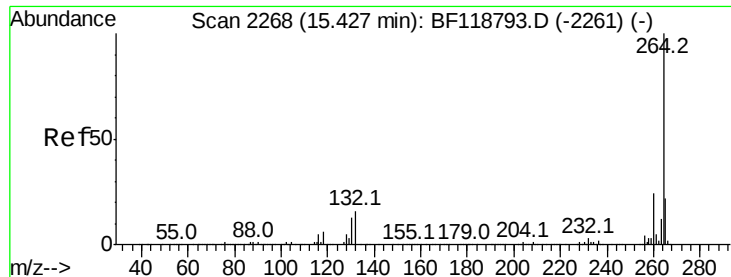


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





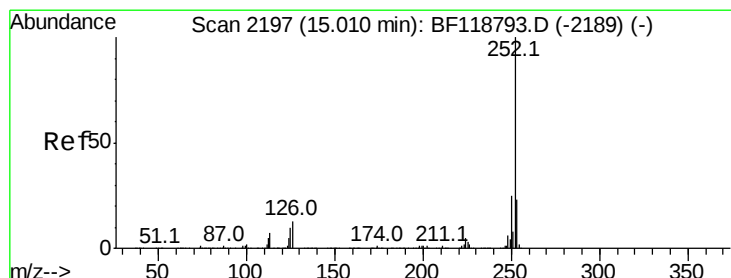
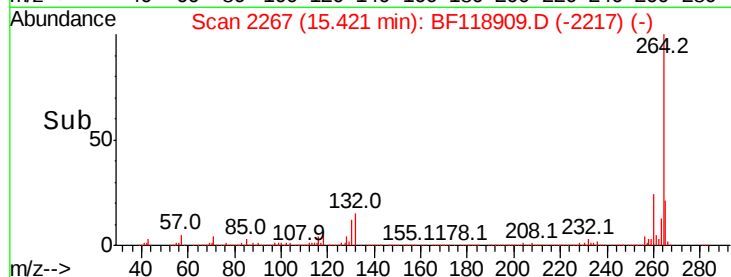
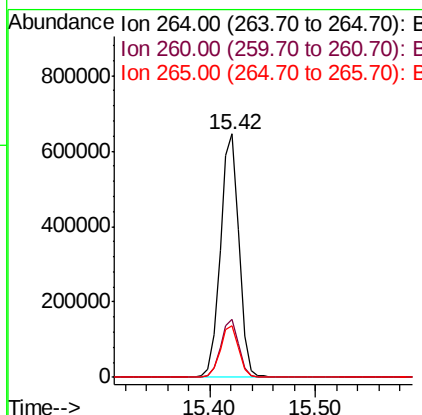
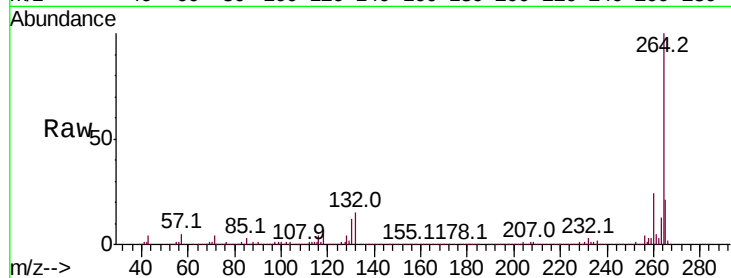
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.3	17.2	25.8

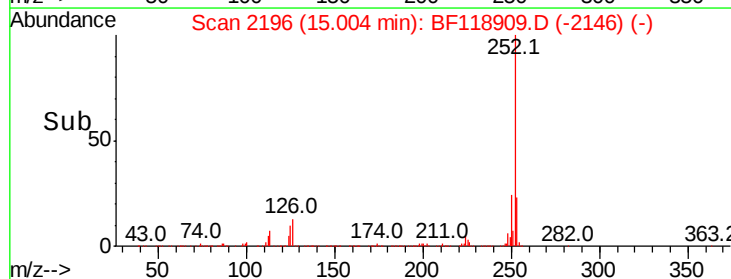
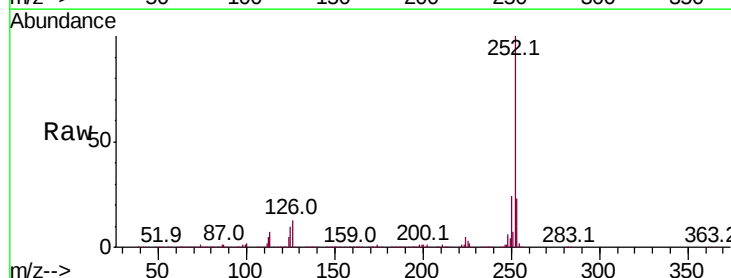
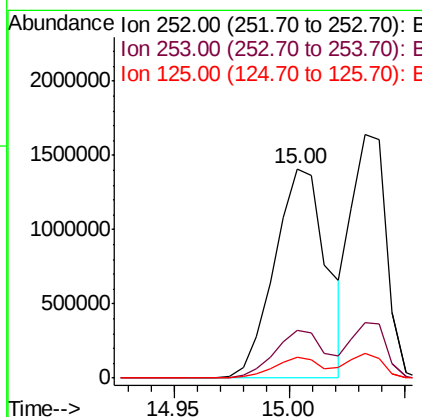
Manual Integrations
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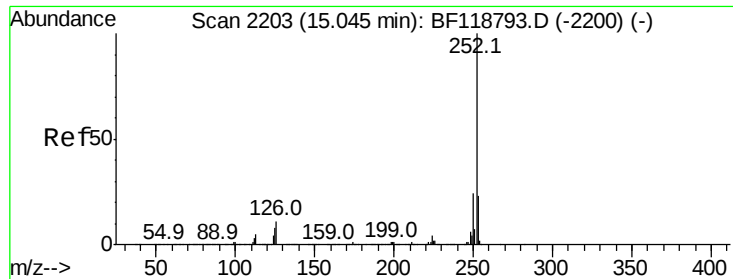
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.884 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	9.7	8.1	12.1





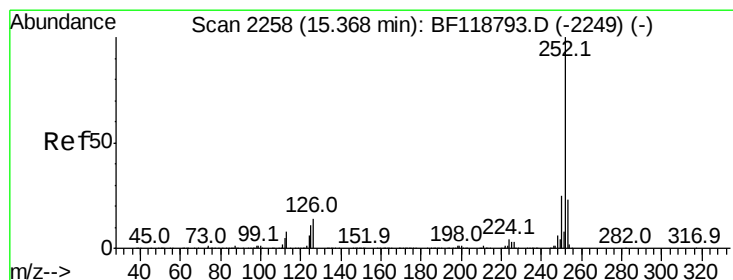
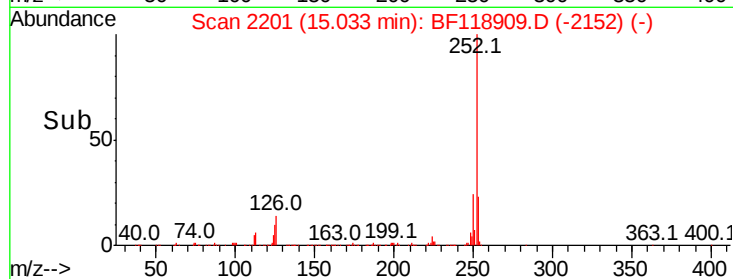
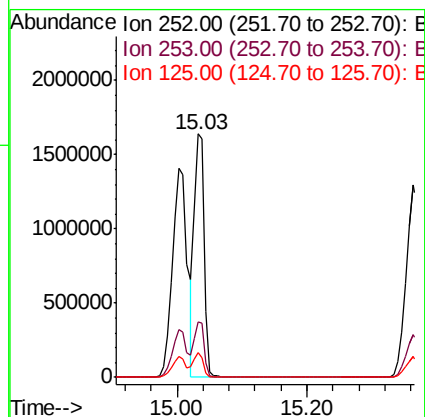
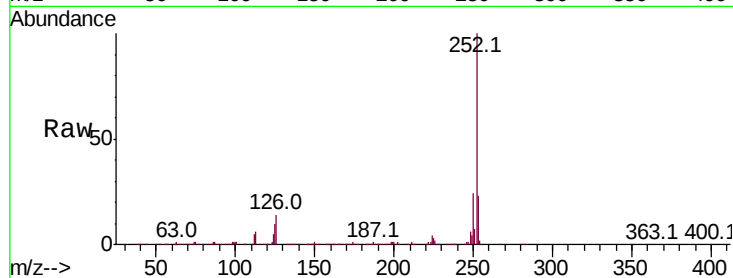
#89
Benzo(k)fluoranthene
Concen: 40.487 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.0	7.0	10.6

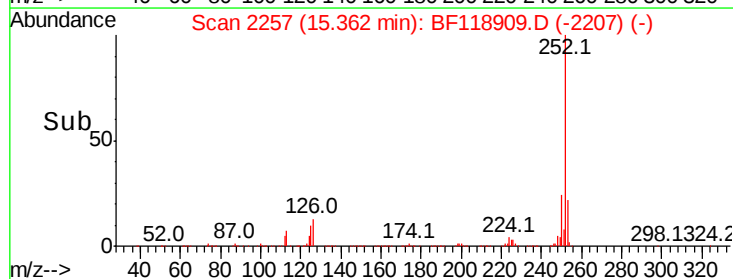
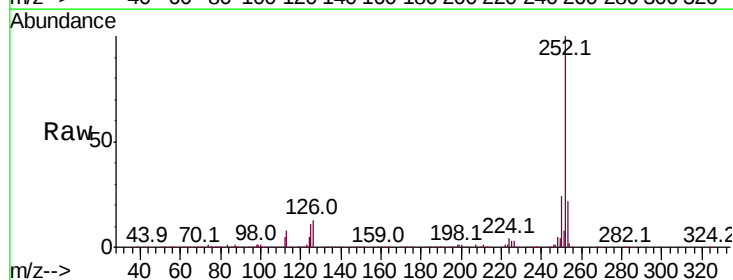
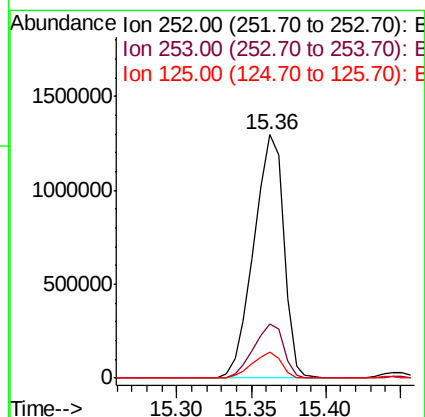
Manual Integrations
APPROVED

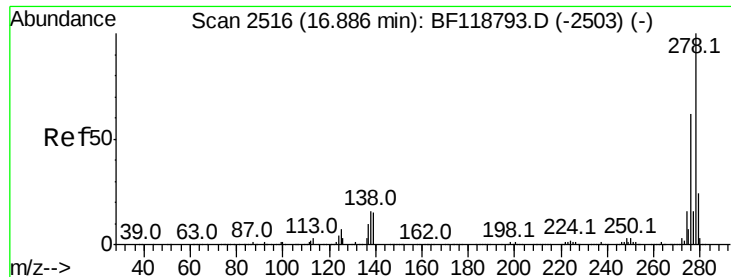
mohammad
2/13/2020 3:34:13 PM



#90
Benzo(a)pyrene
Concen: 42.557 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.7	8.7	13.1





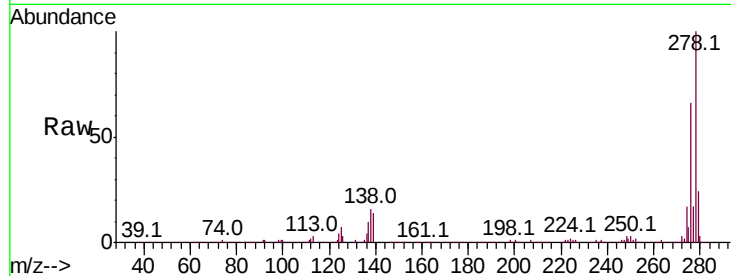
#91
Dibenzo(a,h)anthracene
Concen: 42.350 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.3	18.5
279	23.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/13/2020 3:34:13 PM

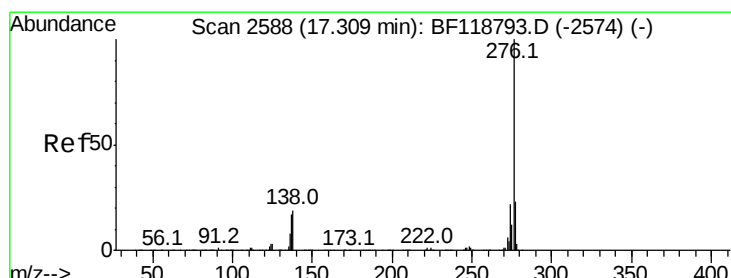
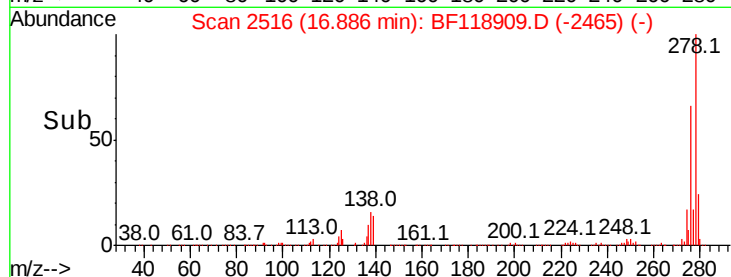
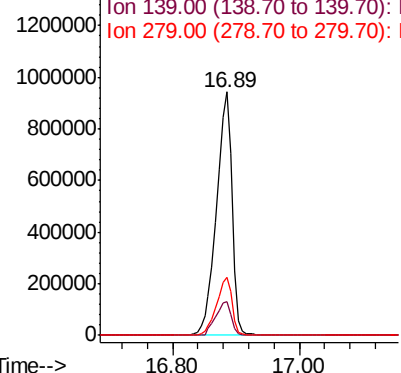


Abundance

Ion 278.00 (277.70 to 278.70): E

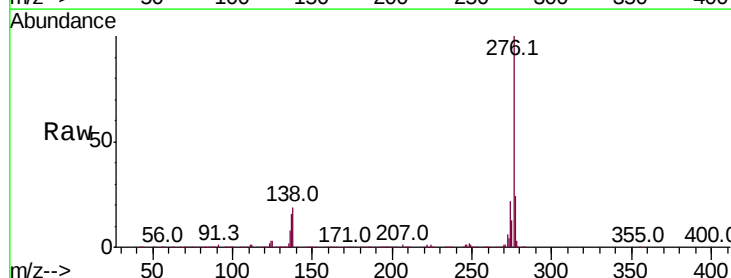
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.186 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BF118909.D
Acq: 12 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	19.4	15.4	23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

