

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119124.D
 Acq On : 27 Feb 2020 22:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 2/28/2020 2:41:48 PM

Quant Time: Feb 28 05:04:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190908	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	639756	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	302336	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	493209	20.00	ng	0.00
76) Chrysene-d12	13.90	240	451651	20.00	ng	0.00
87) Perylene-d12	15.33	264	572912	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	927734	81.21	ng	0.00
7) Phenol-d6	6.40	99	1096447	78.92	ng	0.00
23) Nitrobenzene-d5	7.32	82	1000790	82.60	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	285637	72.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1714543	83.54	ng	0.00
79) Terphenyl-d14	12.84	244	1804723	68.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	190982	37.549	ng	99
3) Pyridine	3.13	79	530953	38.224	ng	99
4) n-Nitrosodimethylamine	3.09	42	177855	42.268	ng	100
6) Aniline	6.42	93	649497	37.887	ng	91
8) 2-Chlorophenol	6.54	128	499520	40.519	ng	99
9) Benzaldehyde	6.30	77	339612	36.587	ng	99
10) Phenol	6.42	94	584040	38.882	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	453930	39.495	ng	98
12) 1,3-Dichlorobenzene	6.69	146	590411	39.957	ng	99
13) 1,4-Dichlorobenzene	6.77	146	595844	40.297	ng	98
14) 1,2-Dichlorobenzene	6.92	146	538449	39.929	ng	99
15) Benzyl Alcohol	6.90	79	407495	40.583	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	381131	38.282	ng	99
17) 2-Methylphenol	7.02	107	388752	38.894	ng	98
18) Hexachloroethane	7.26	117	203741	38.514	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	308642	38.125	ng	99
20) 3+4-Methylphenols	7.17	107	467918m	38.212	ng	
22) Acetophenone	7.16	105	613916	41.474	ng	# 99
24) Nitrobenzene	7.33	77	492095	41.069	ng	95
25) Isophorone	7.57	82	814750	38.718	ng	99
26) 2-Nitrophenol	7.65	139	250503	39.458	ng	98
27) 2,4-Dimethylphenol	7.69	122	338623	39.300	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	537519	39.244	ng	99
29) 2,4-Dichlorophenol	7.90	162	398128	39.250	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	470470	39.120	ng	98
31) Naphthalene	8.05	128	1305633	39.351	ng	99
32) Benzoic acid	7.85	122	205404	34.804	ng	100
33) 4-Chloroaniline	8.10	127	537827	37.688	ng	99
34) Hexachlorobutadiene	8.17	225	298289	39.818	ng	98
35) Caprolactam	8.49	113	113494	36.338	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	385817	37.583	ng	95
37) 2-Methylnaphthalene	8.75	142	844892	37.839	ng	98
38) 1-Methylnaphthalene	8.84	142	781315	37.208	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	434172	42.593	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	35047	17.731	nq	99
43) 2,4,6-Trichlorophenol	9.03	196	270622	42.041	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	273600	40.504	nq	97
46) 1,1'-Biphenyl	9.20	154	1028208	42.079	nq	98
47) 2-Chloronaphthalene	9.23	162	822263	41.759	nq	97
48) 2-Nitroaniline	9.33	65	232602	42.352	nq	92
49) Acenaphthylene	9.65	152	1145886	40.292	nq	99
50) Dimethylphthalate	9.51	163	954641	41.293	nq	99
51) 2,6-Dinitrotoluene	9.57	165	203875	39.692	nq	99
52) Acenaphthene	9.82	154	689363	40.199	nq	100
53) 3-Nitroaniline	9.75	138	222623	39.096	nq	99
54) 2,4-Dinitrophenol	9.86	184	31396	18.877	nq	97
55) Dibenzofuran	9.99	168	999861	39.063	nq	98
56) 4-Nitrophenol	9.92	139	117267	34.276	nq	94
57) 2,4-Dinitrotoluene	9.98	165	248365	37.305	nq	94
58) Fluorene	10.33	166	780991	39.267	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	211949	37.186	nq	98
60) Diethylphthalate	10.20	149	888256	40.770	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	420628	39.954	nq	96
62) 4-Nitroaniline	10.36	138	220800	37.900	nq	98
63) Azobenzene	10.48	77	729098	38.500	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	62612	20.979	nq	98
66) n-Nitrosodiphenylamine	10.44	169	697670	43.201	nq	99
67) 4-Bromophenyl-phenylether	10.81	248	267883	41.552	nq	94
68) Hexachlorobenzene	10.89	284	296826	39.934	nq	94
69) Atrazine	10.97	200	207475	36.770	nq	97
70) Pentachlorophenol	11.08	266	110860	37.025	nq	97
71) Phenanthrene	11.29	178	1080240	40.162	nq	98
72) Anthracene	11.34	178	1086662	40.434	nq	99
73) Carbazole	11.50	167	967803	40.423	nq	98
74) Di-n-butylphthalate	11.83	149	1282144	44.221	nq	98
75) Fluoranthene	12.47	202	1175369	41.168	nq	98
77) Benzidine	12.60	184	684419	37.261	nq	99
78) Pyrene	12.70	202	1194505	32.936	nq	99
80) Butylbenzylphthalate	13.32	149	561412	36.781	nq	99
81) Benzo(a)anthracene	13.89	228	1233717	40.090	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	508231	42.531	nq	99
83) Chrysene	13.93	228	1185654	38.666	nq	98
84) Bis(2-ethylhexyl)phthalate	13.88	149	808539	41.929	nq	100
85) Di-n-octyl phthalate	14.49	149	1420107	46.221	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	1452369	48.916	nq	100
88) Benzo(b)fluoranthene	14.93	252	1415923	37.495	nq	99
89) Benzo(k)fluoranthene	14.96	252	1352949	38.660	nq	99
90) Benzo(a)pyrene	15.28	252	1323676	38.838	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	1222553	40.767	nq	99
92) Benzo(g,h,i)perylene	17.17	276	1104115	37.263	nq	98

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



#1

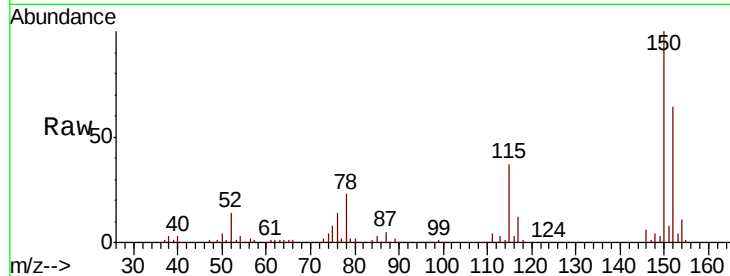
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
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ClientSampleId :
SSTDCCC040

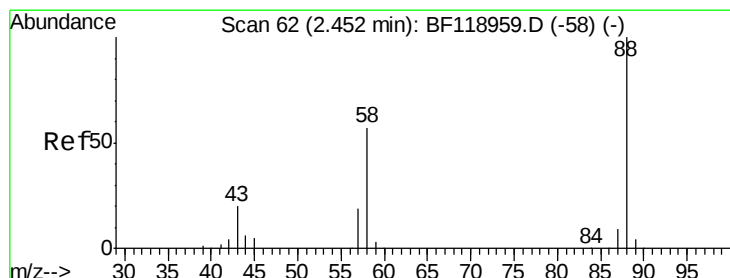
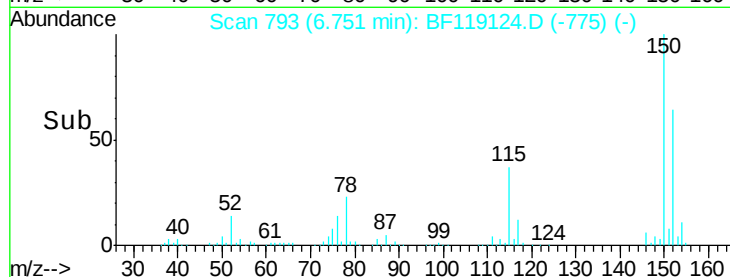
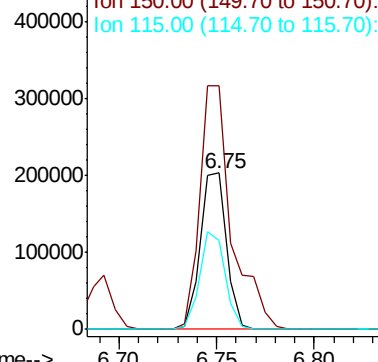
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.6
115	57.2	49.5	74.3

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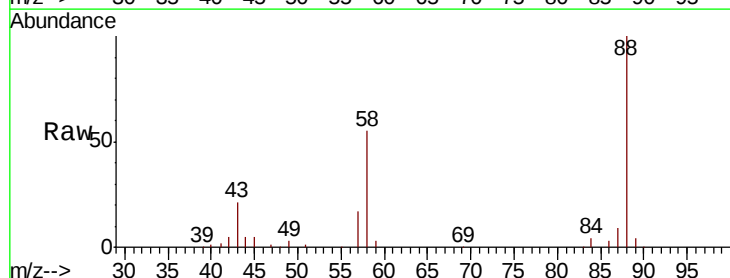
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



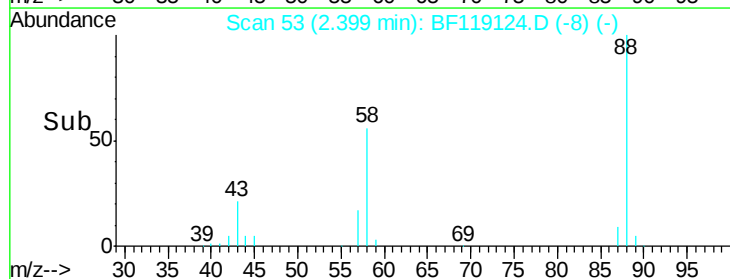
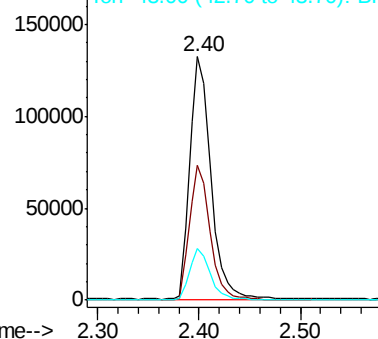
#2

1,4-Dioxane
Concen: 37.549 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.04 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.3	43.8	65.6
43	20.7	16.2	24.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





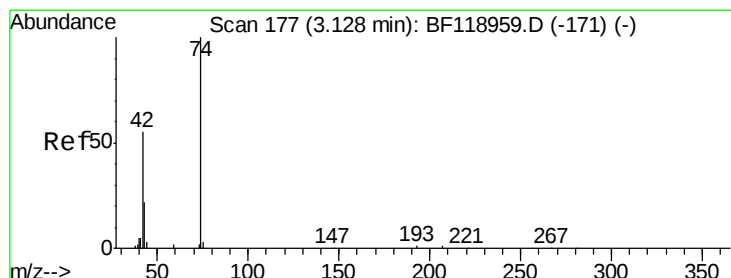
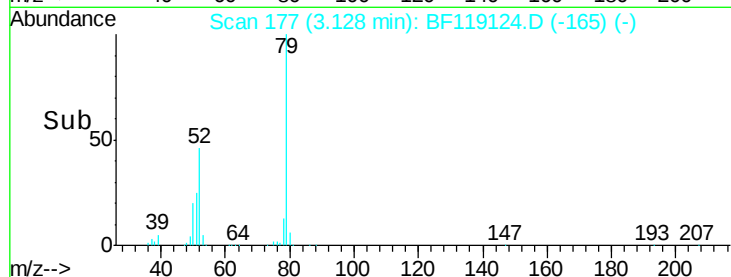
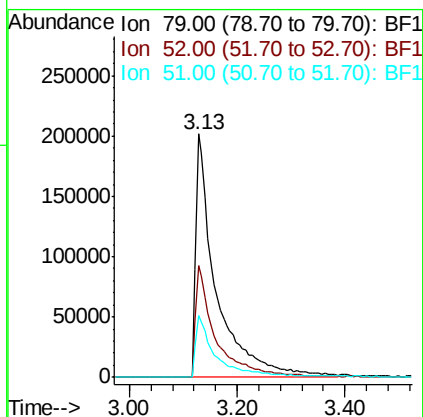
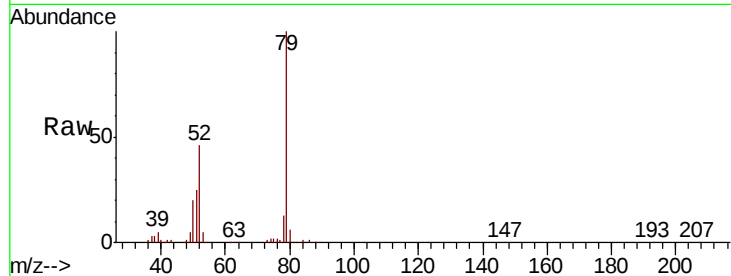
#3
 Pvridine
 Concen: 38.224 ng
 RT: 3.13 min Scan# 177
 Delta R.T. -0.03 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	530953		
52	52	45.7		37.4	56.0
51	51	25.4		19.8	29.6

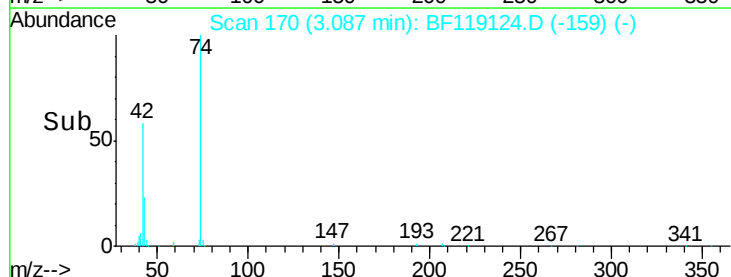
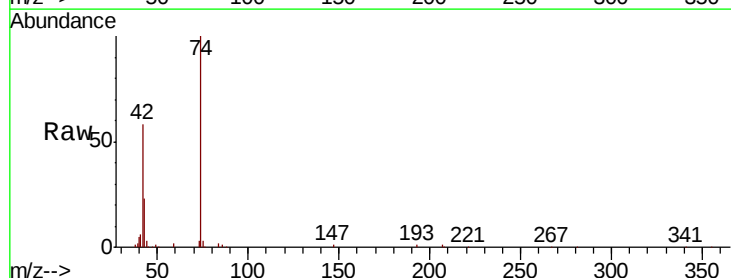
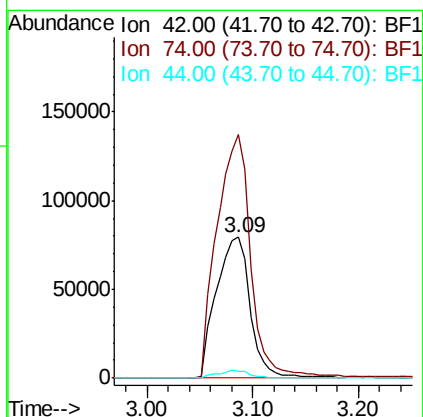
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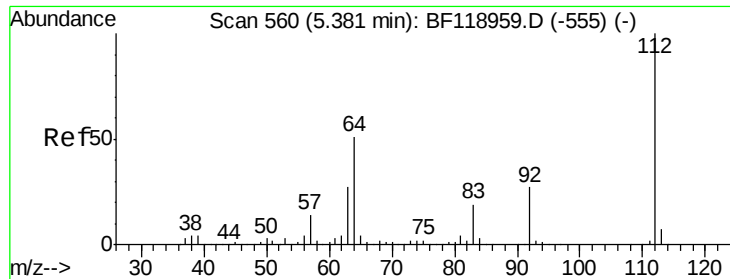
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#4
 n-Nitrosodimethylamine
 Concen: 42.268 ng
 RT: 3.09 min Scan# 170
 Delta R.T. -0.04 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	177855		
74	74	172.6		137.7	206.5
44	44	5.1		4.5	6.7





#5

2-Fluorophenol

Concen: 81.212 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

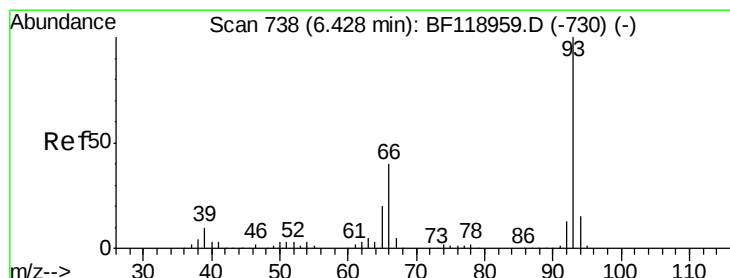
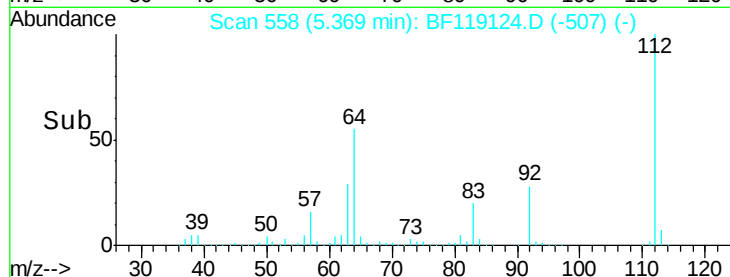
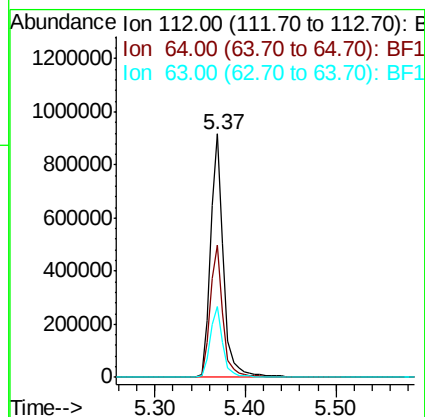
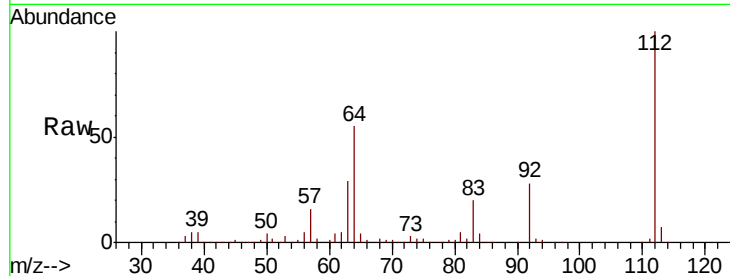
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	29.2	24.2	36.4

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2/28/2020 2:41:48 PM



#6

Aniline

Concen: 37.887 ng

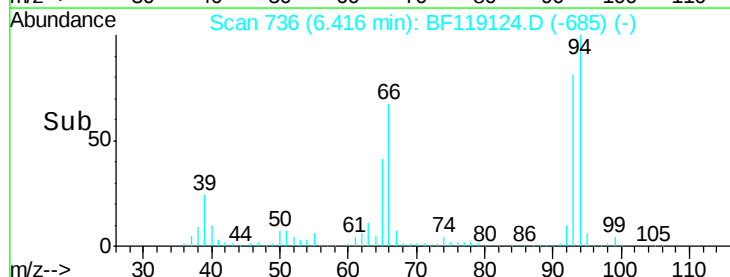
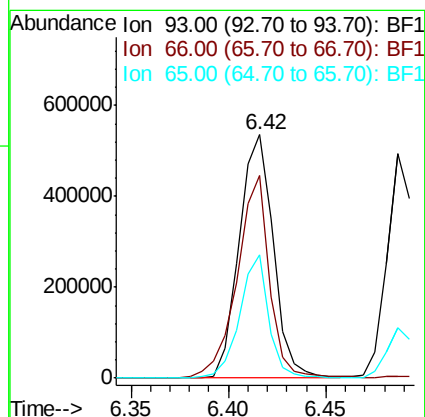
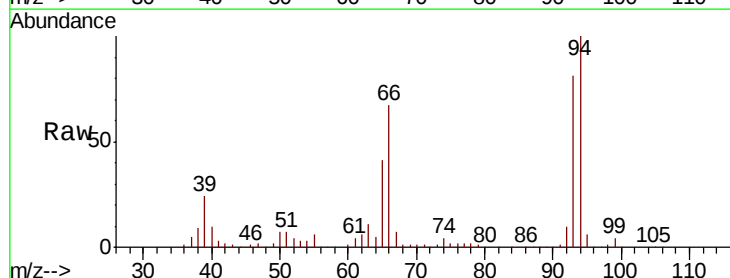
RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	83.1	74.5	111.7
65	50.7	45.3	67.9





#7

Phenol-d6

Concen: 78.920 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1096447

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

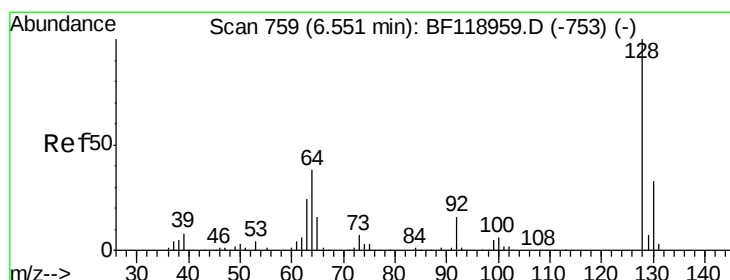
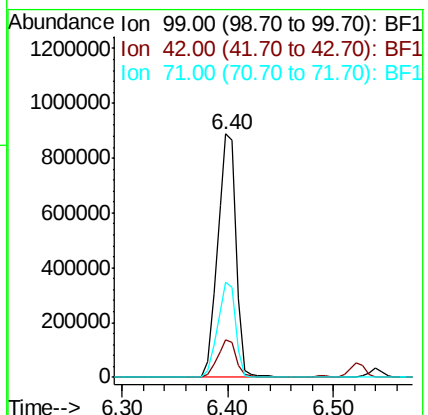
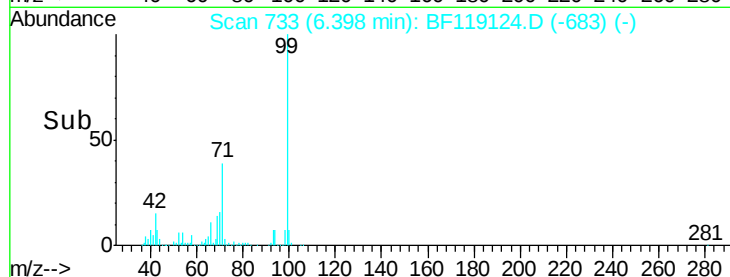
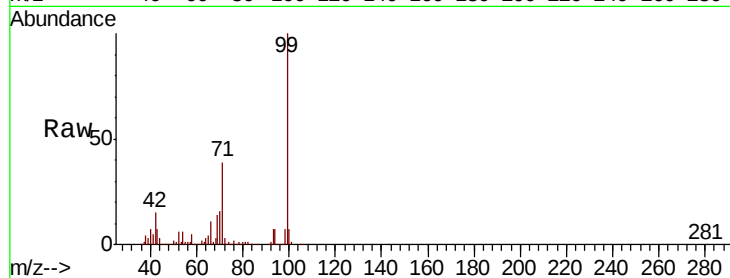
71 38.9 31.0 46.4

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#8

2-Chlorophenol

Concen: 40.519 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

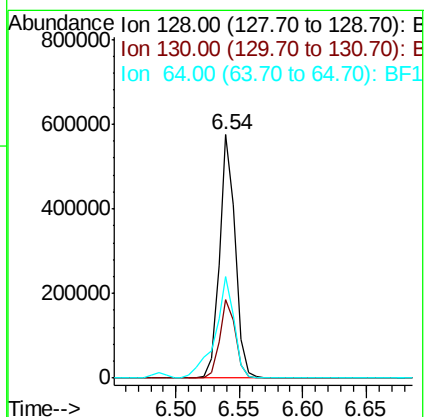
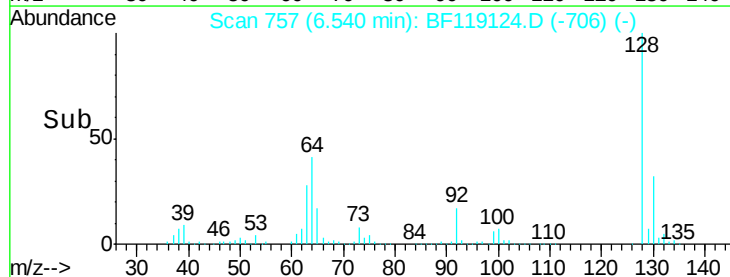
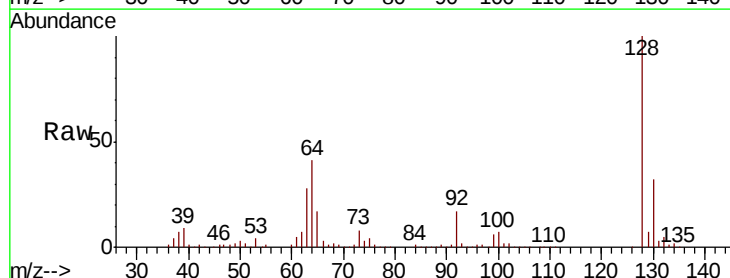
Tgt Ion: 128 Resp: 499520

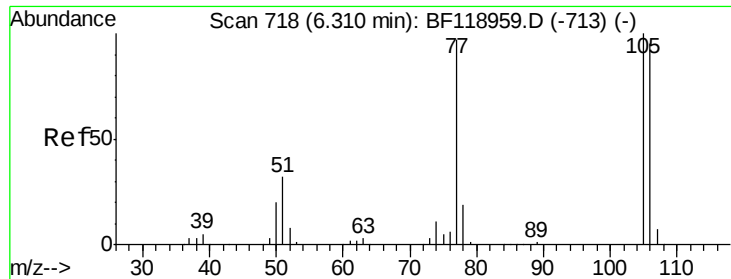
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 41.5 22.3 62.3





#9

Benzaldehyde

Concen: 36.587 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

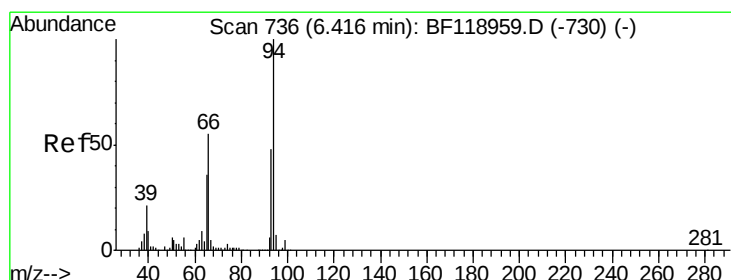
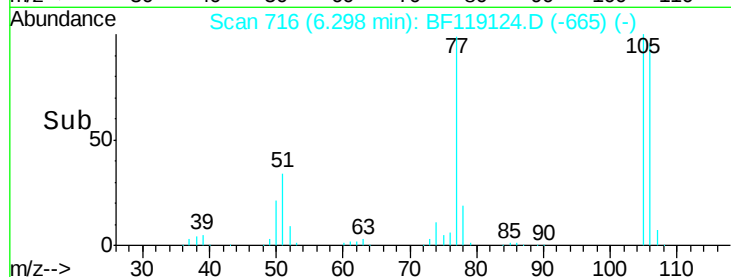
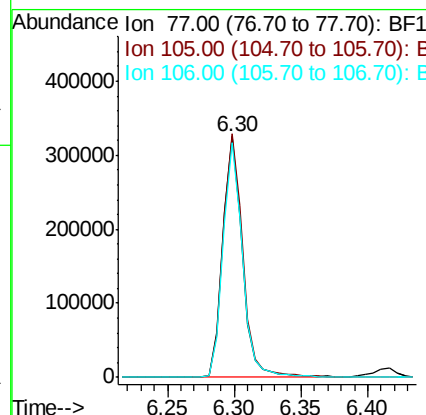
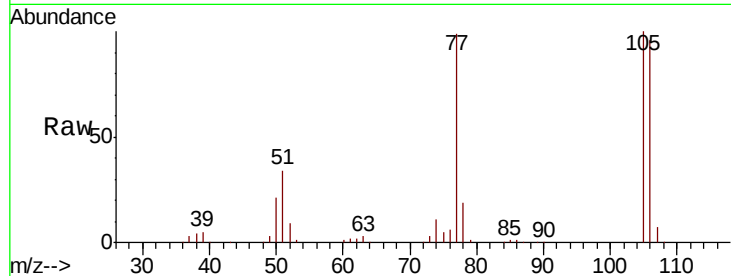
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	339612
Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.1	120.1
106	97.4	75.9	115.9

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#10

Phenol

Concen: 38.882 ng

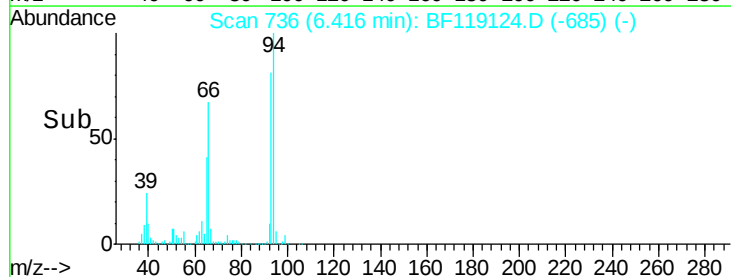
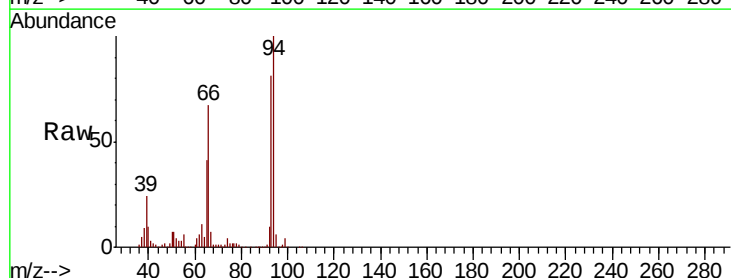
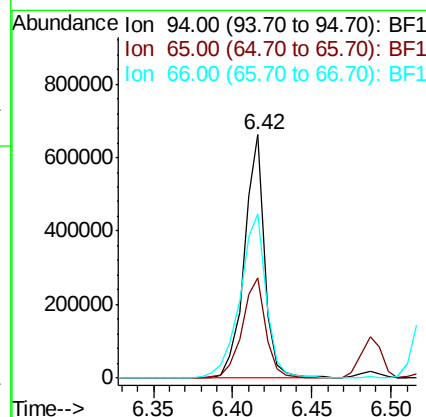
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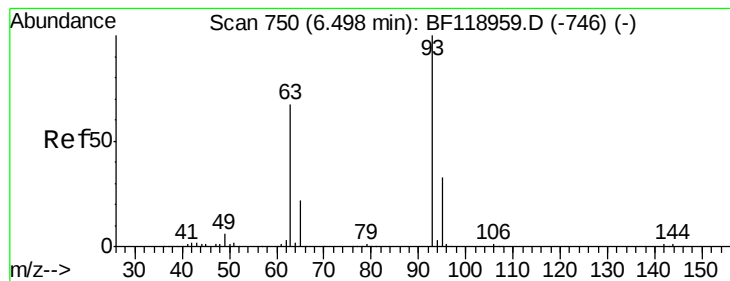
Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:	94	Resp:	584040
Ion	Ratio	Lower	Upper
94	100		
65	41.1	19.2	59.2
66	67.3	44.4	84.4





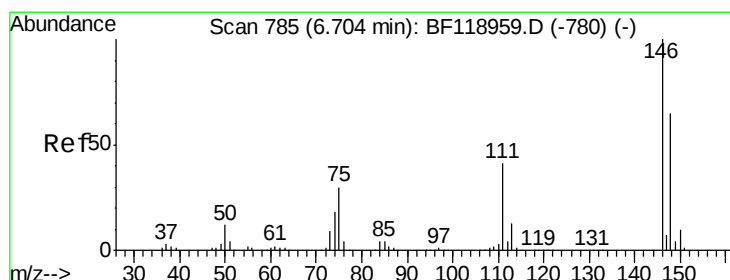
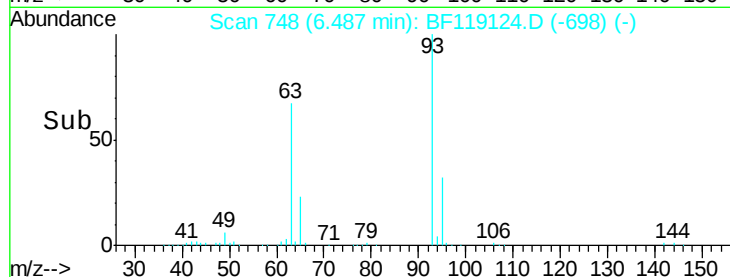
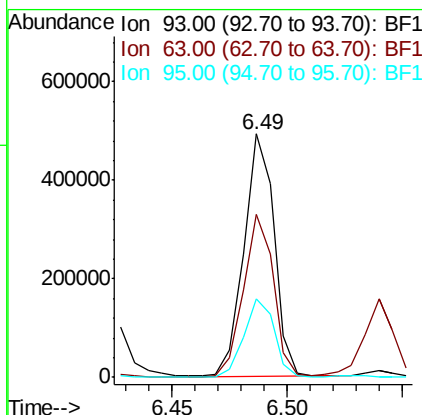
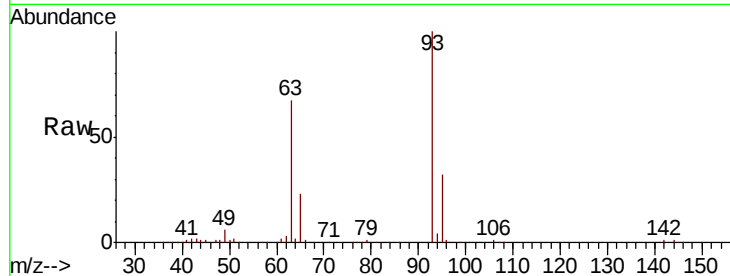
#11
bis(2-Chloroethyl)ether
Concen: 39.495 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	453930		
63	67.0		45.4	85.4
95	32.1		13.5	53.5

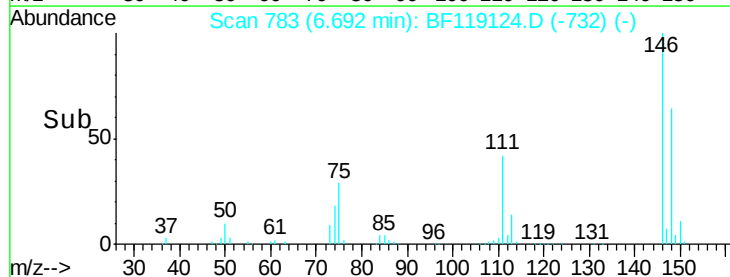
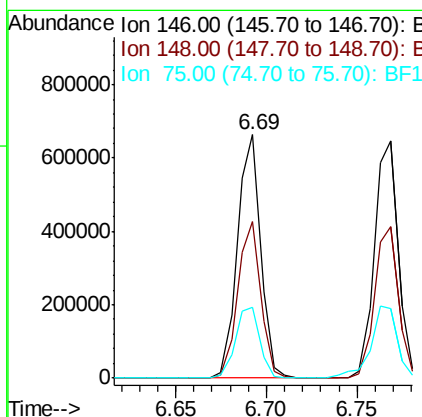
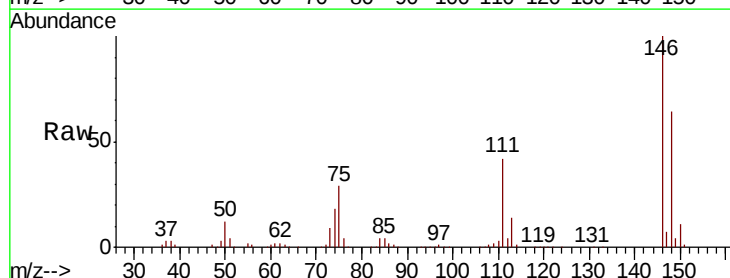
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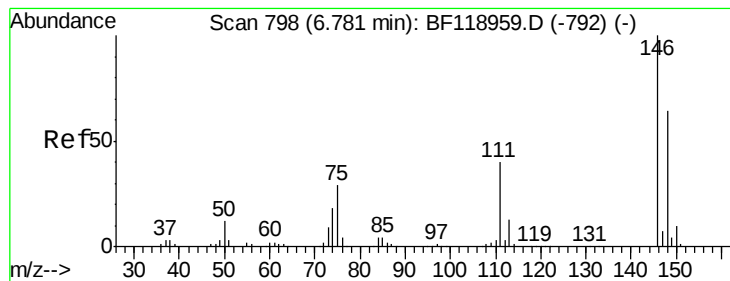
mohammad
2/28/2020 2:41:48 PM



#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	590411		
148	64.5		52.5	78.7
75	28.9		23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 40.297 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

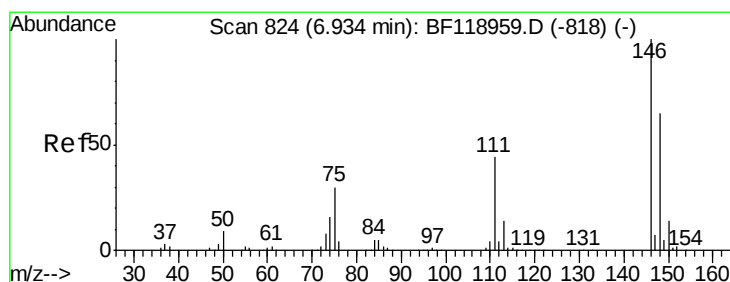
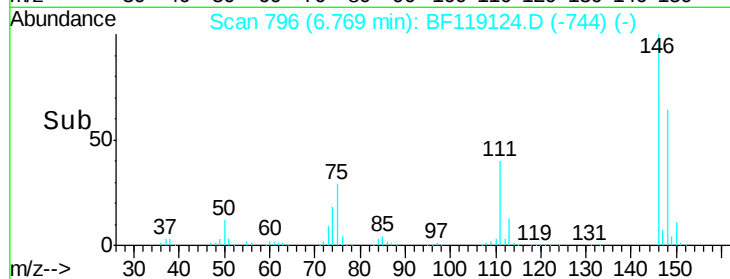
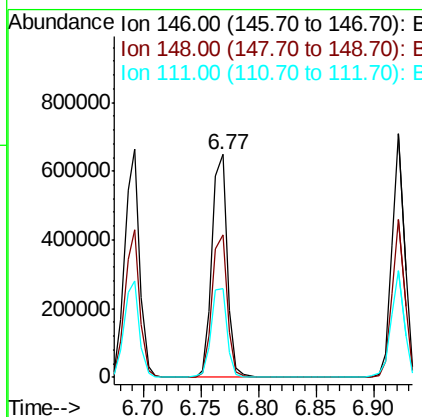
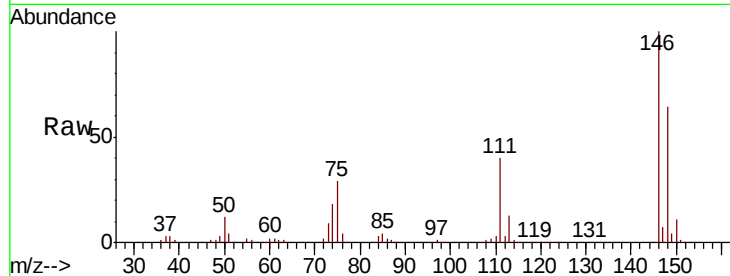
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	595844
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	40.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 39.929 ng

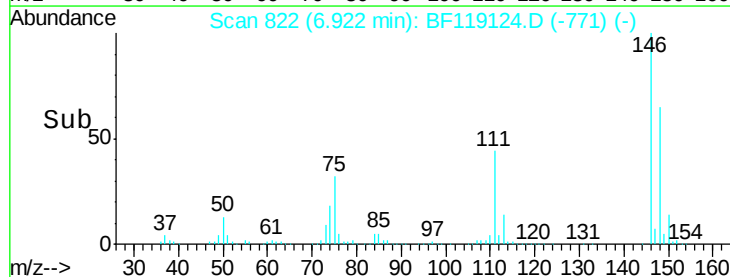
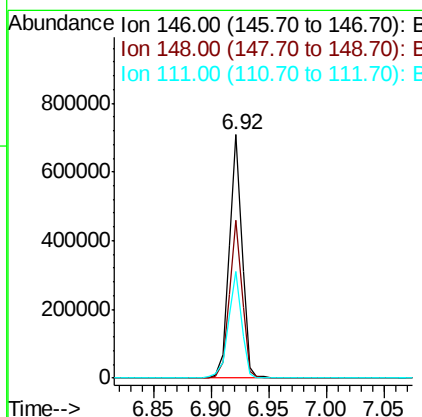
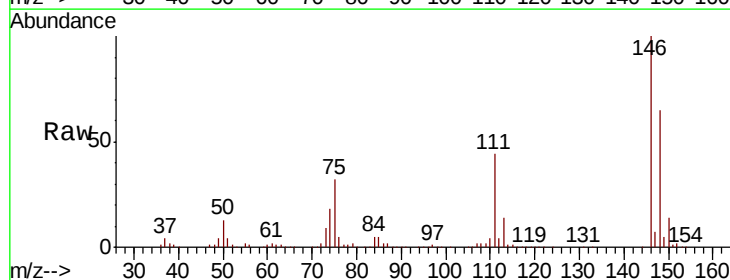
RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:	146	Resp:	538449
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
111	43.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 40.583 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 407495

Ion Ratio Lower Upper

79 100

108 72.4 58.2 87.2

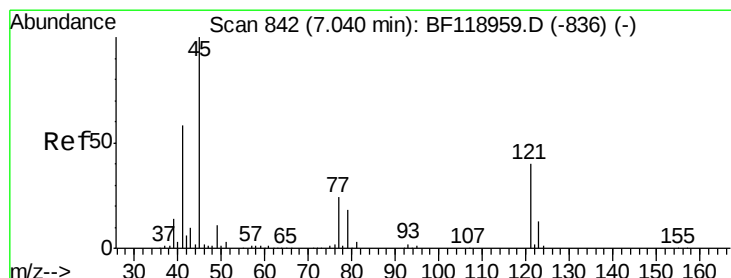
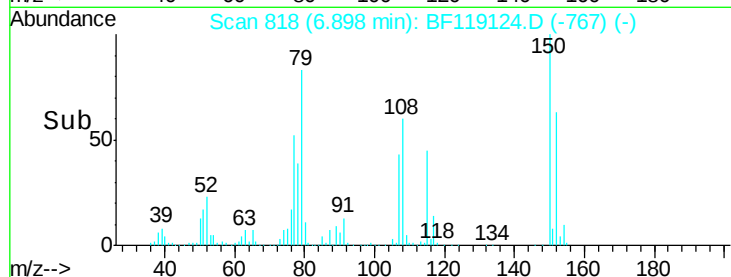
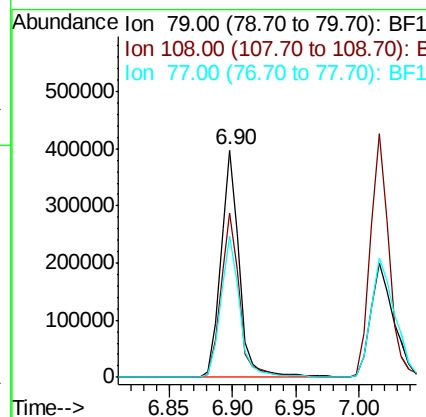
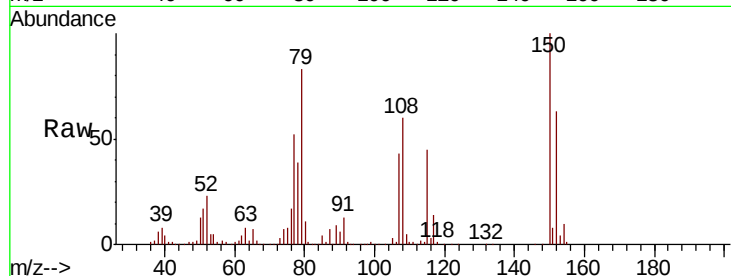
77 62.1 51.2 76.8

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2/28/2020 2:41:48 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.282 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

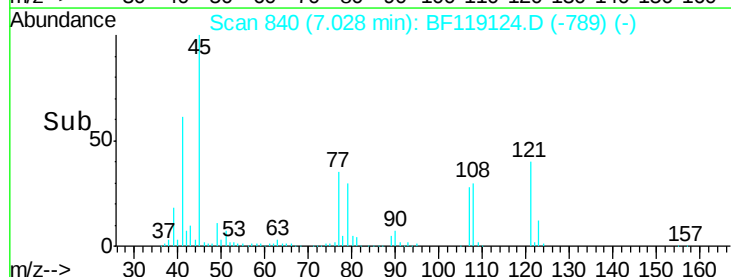
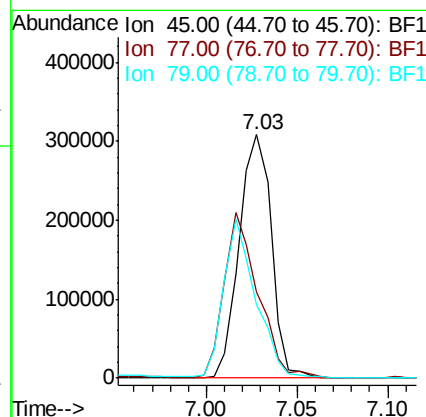
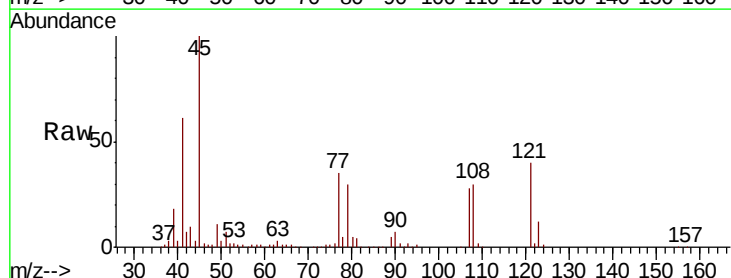
Tgt Ion: 45 Resp: 381131

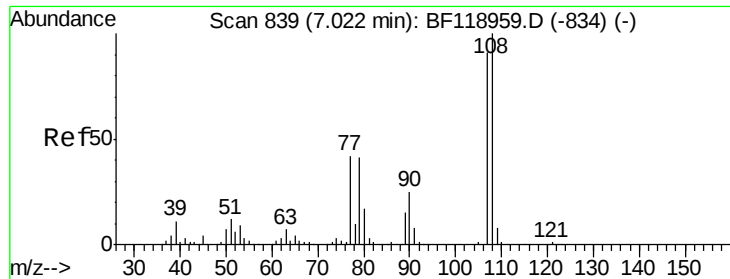
Ion Ratio Lower Upper

45 100

77 35.3 15.0 55.0

79 30.0 9.4 49.4





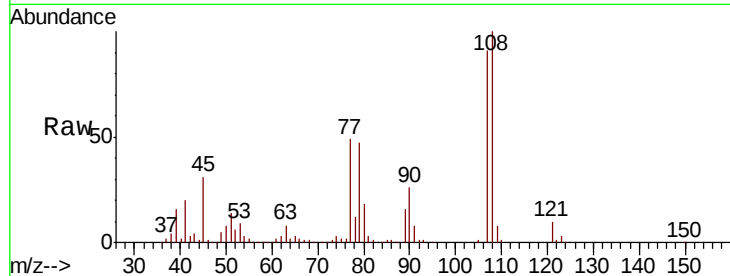
#17
2-Methylphenol
Concen: 38.894 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.9	131.9
77	53.8	45.3	67.9
79	51.6	43.0	64.4

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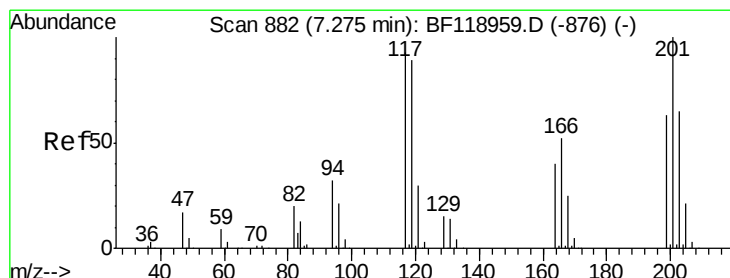
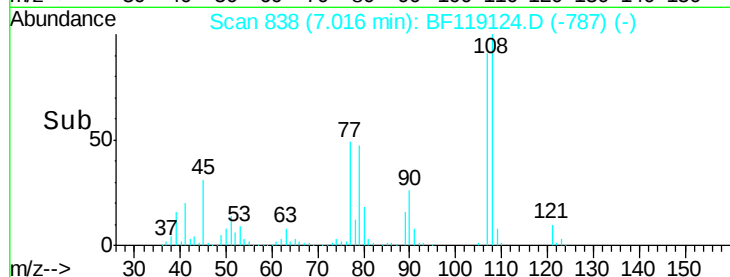
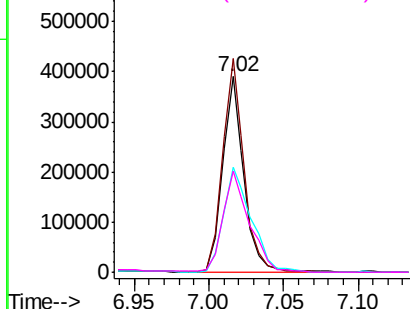
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

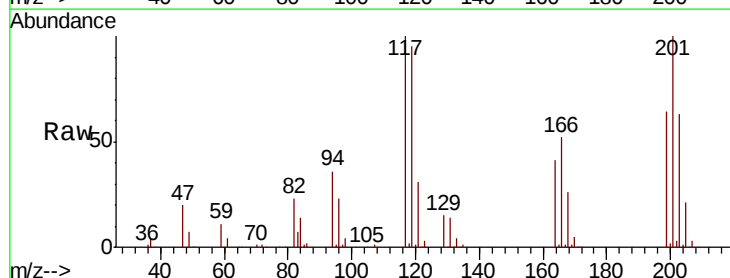
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.514 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	100.5	82.6	123.8

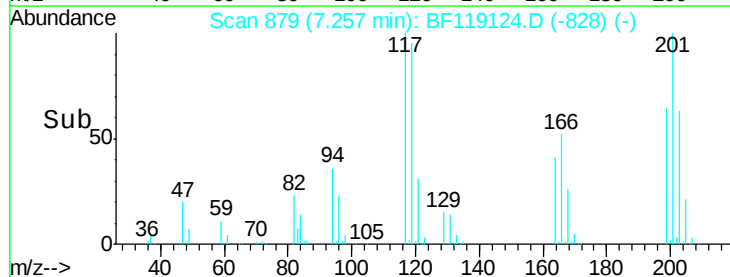
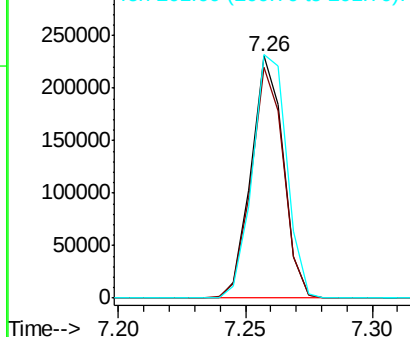


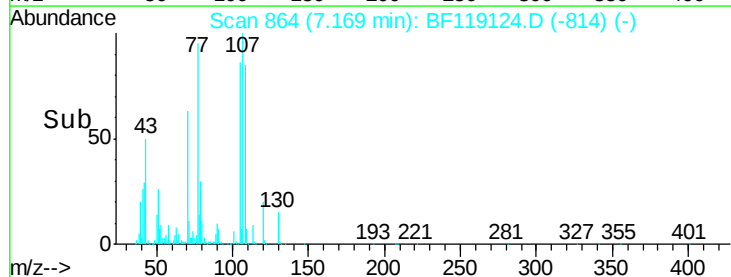
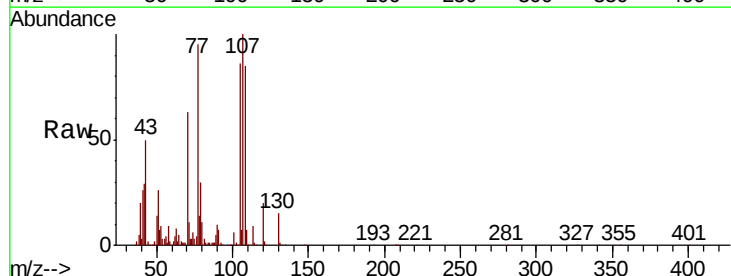
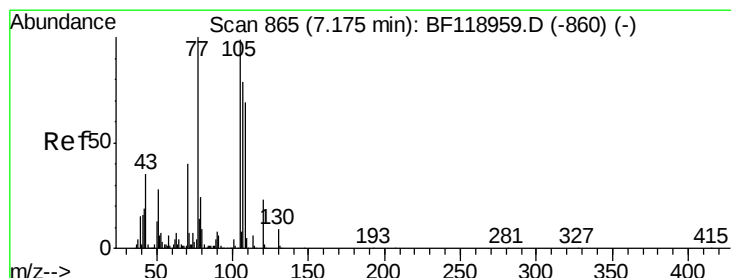
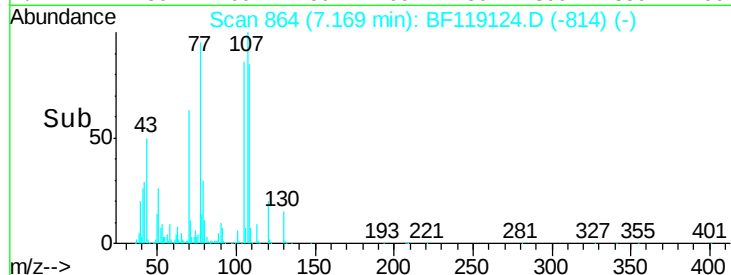
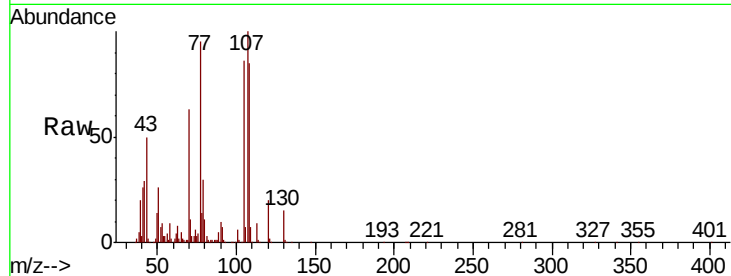
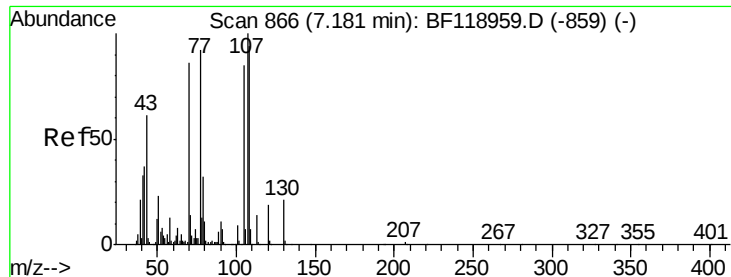
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

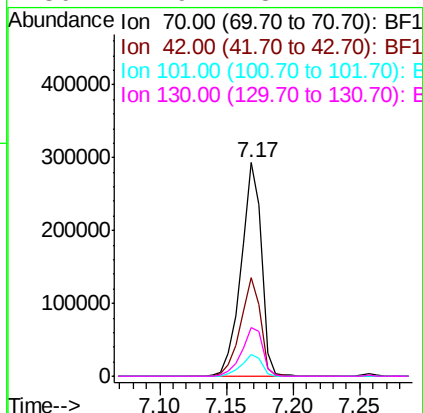
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.2	8.2	12.4
130	22.9	18.2	27.4



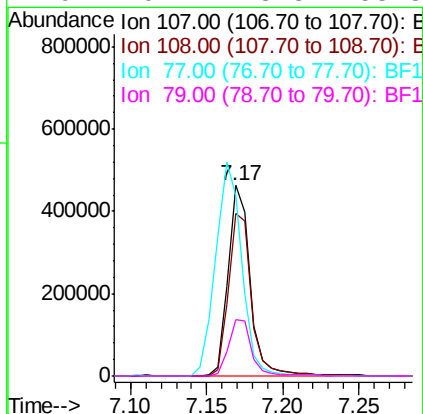
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

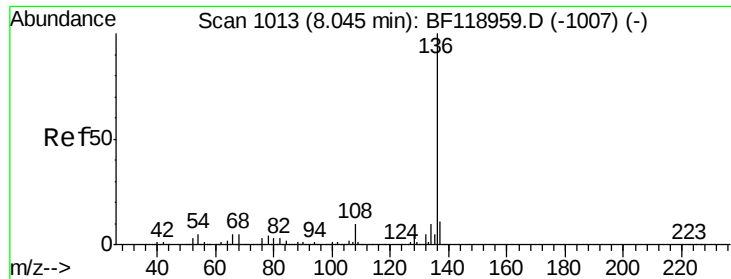
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2/28/2020 2:41:48 PM

#20
3+4-Methylphenols
Concen: 38.212 ng m
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	71.5	111.5
77	95.0	45.9	85.9#
79	29.7	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

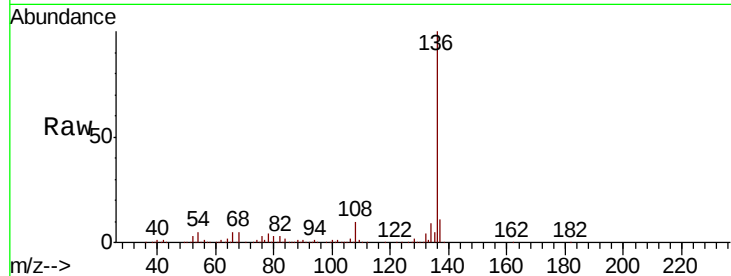
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		639756		
137	10.8		8.8	13.2	
54	4.5		3.8	5.6	
68	4.6		3.9	5.9	

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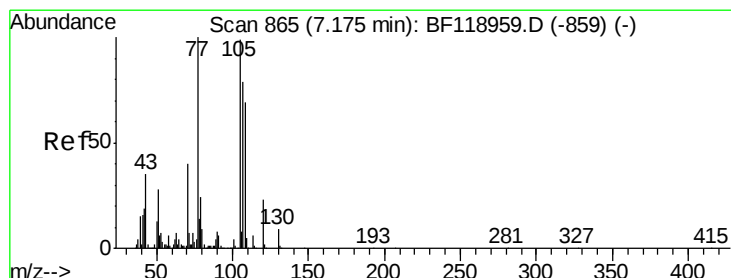
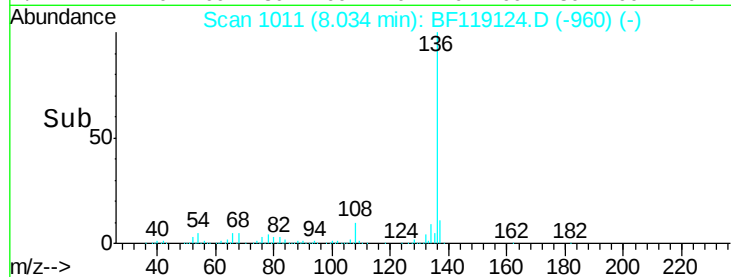
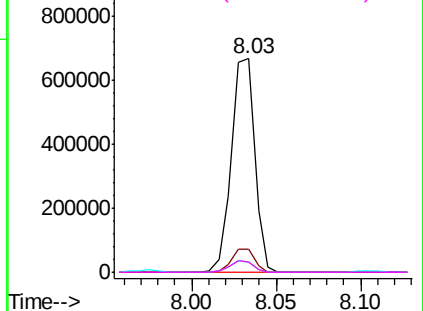
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.474 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		613916		
71	5.0		3.0	4.4#	
51	25.0		20.1	30.1	
120	23.4		18.0	27.0	

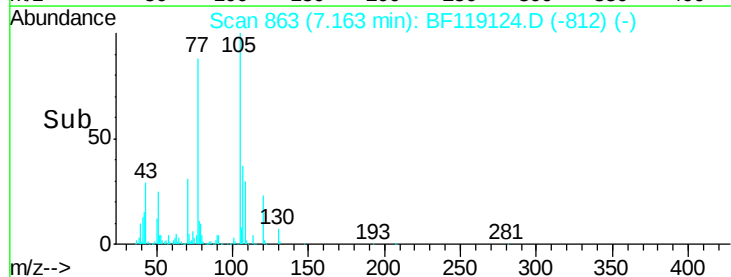
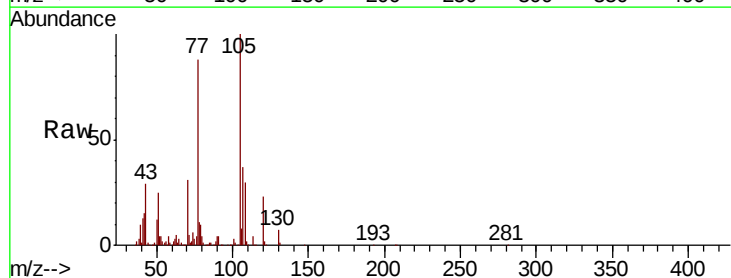
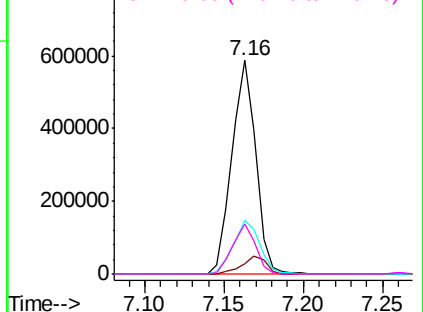
Abundance

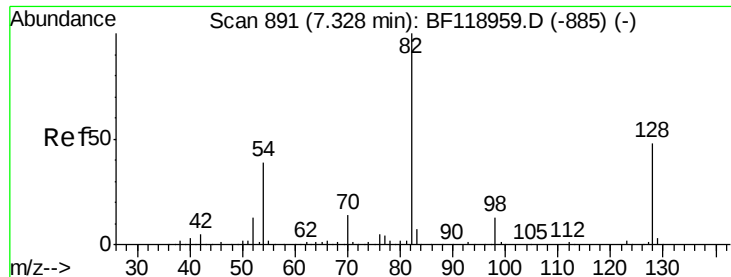
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





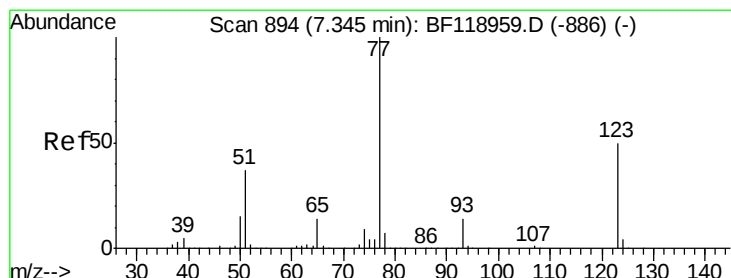
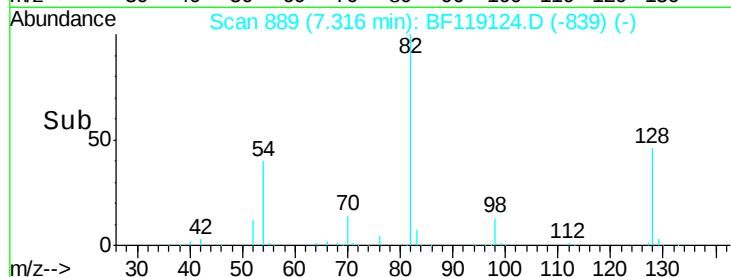
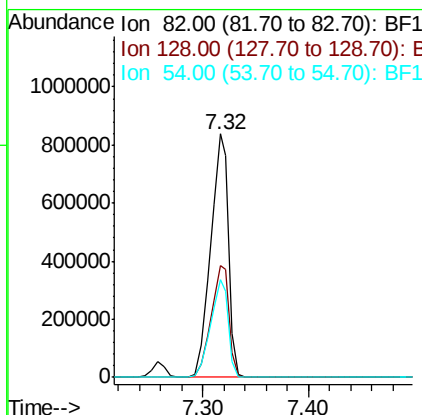
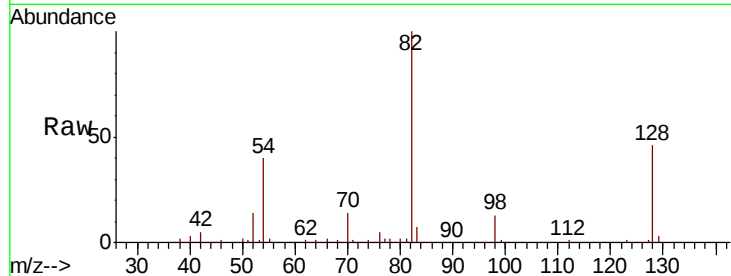
#23
 Nitrobenzene-d5
 Concen: 82.597 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.9	56.9
54	40.2	33.4	50.2

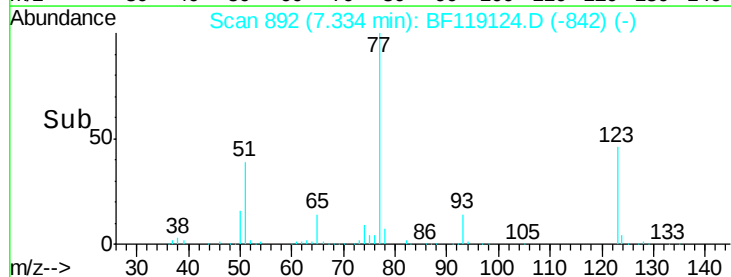
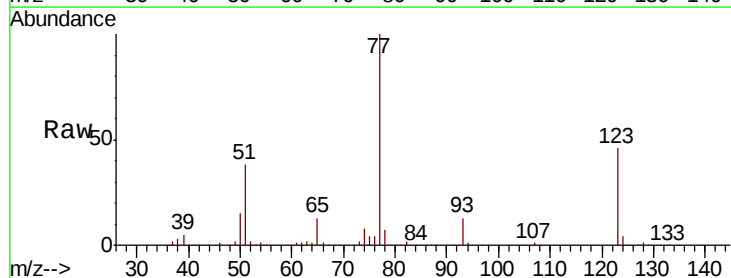
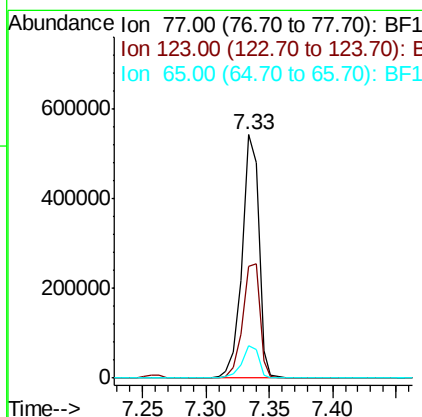
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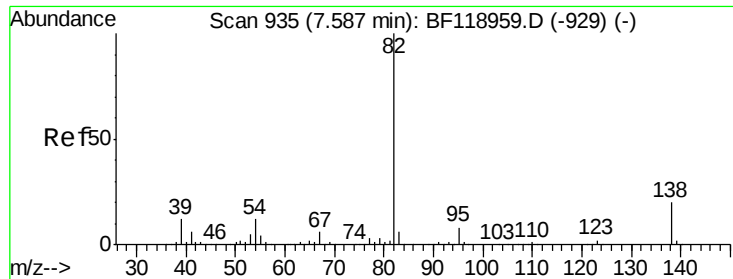
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#24
 Nitrobenzene
 Concen: 41.069 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	40.2	60.2
65	13.4	10.8	16.2





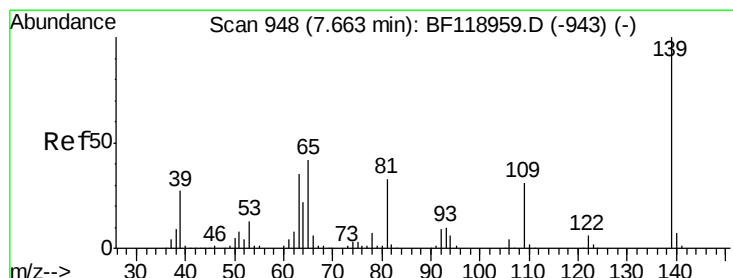
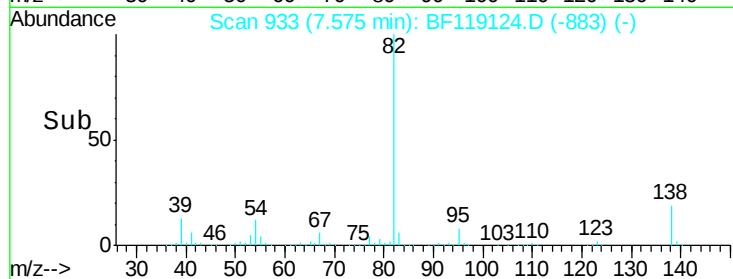
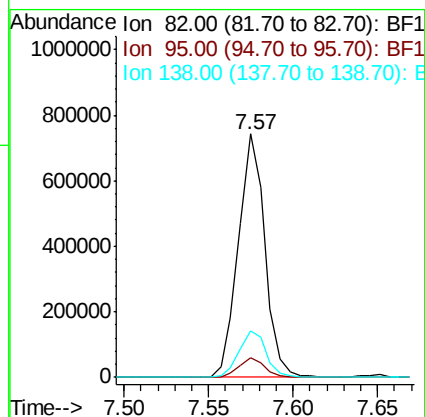
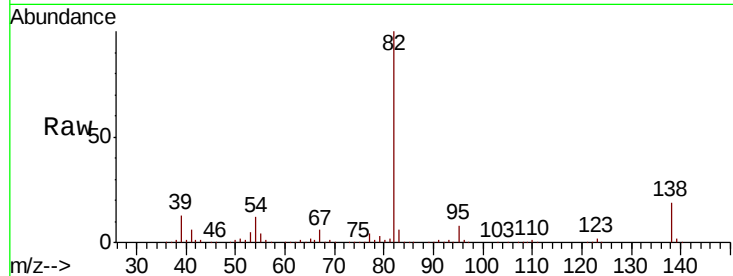
#25
Isophorone
Concen: 38.718 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	814750		
95	7.9	6.4	9.6	
138	19.0	15.7	23.5	

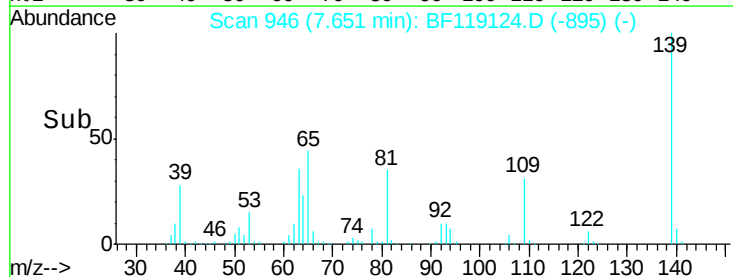
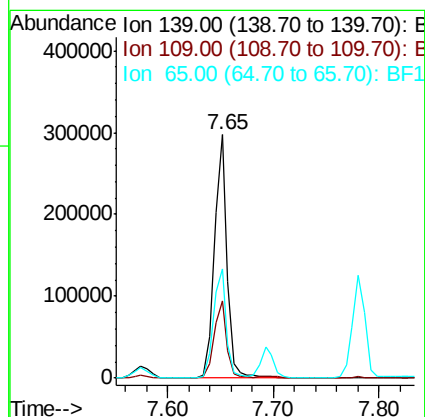
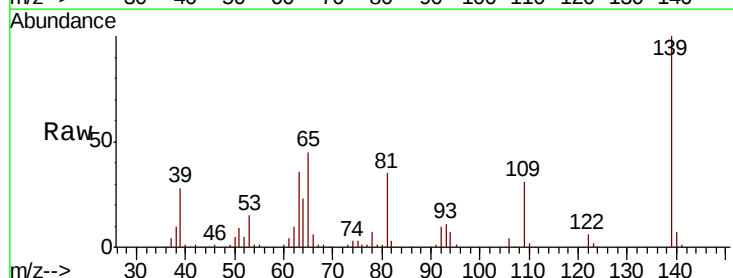
Manual Integrations
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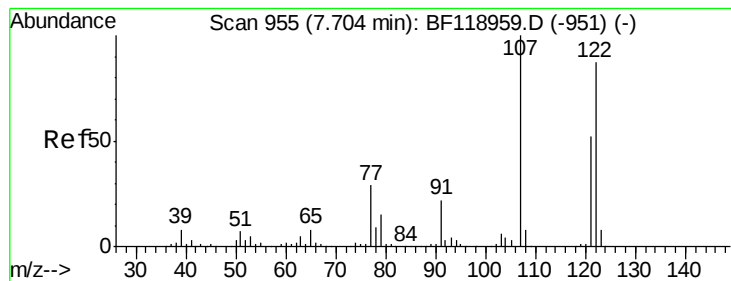
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#26
2-Nitrophenol
Concen: 39.458 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	250503		
109	31.5	25.7	38.5	
65	44.8	37.1	55.7	





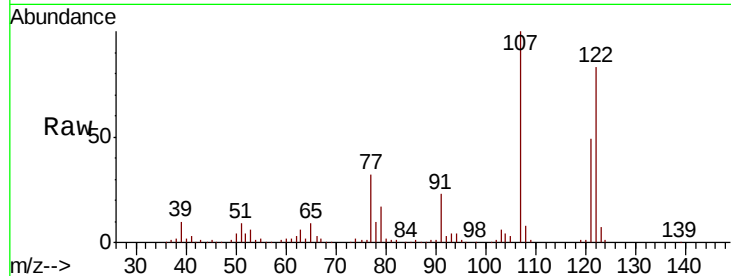
#27
2,4-Dimethylphenol
Concen: 39.300 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	338623		
107	120.2		93.8	140.6
121	59.3		48.2	72.2

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2/28/2020 2:41:48 PM

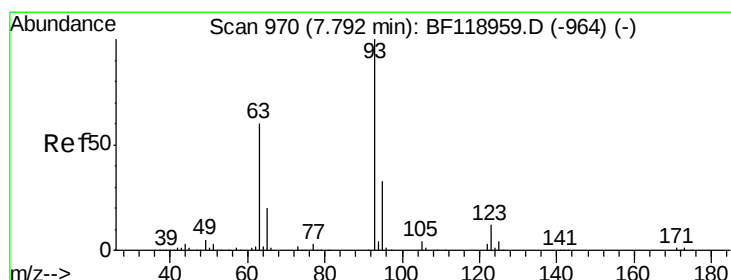
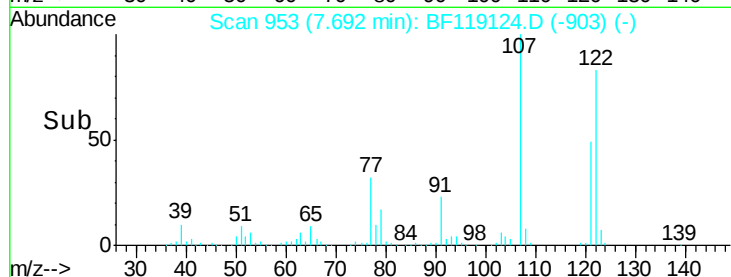
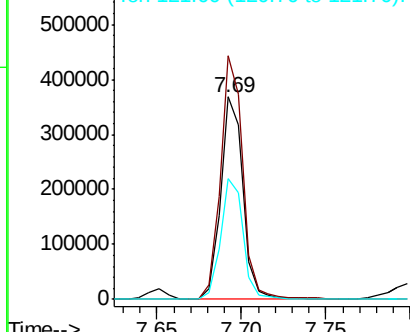


Abundance

Ion 122.00 (121.70 to 122.70): E

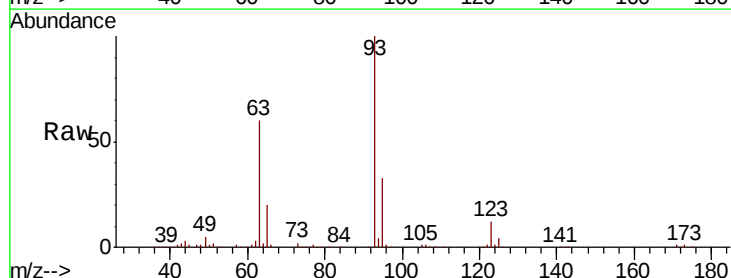
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.244 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	537519		
95	32.8		26.5	39.7
123	12.3		10.2	15.2

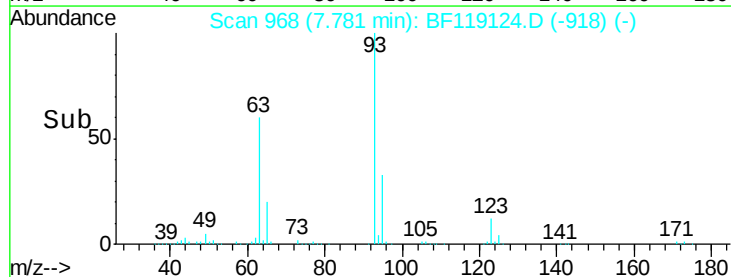
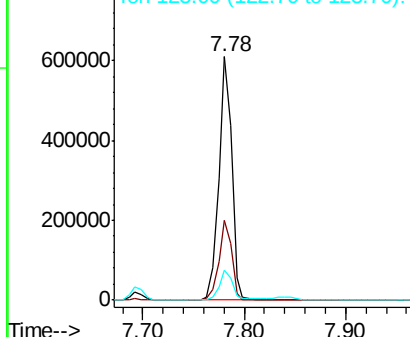


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





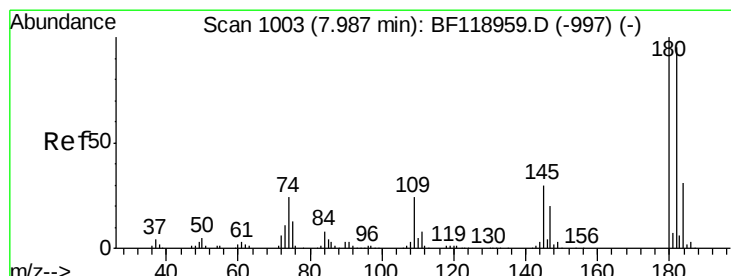
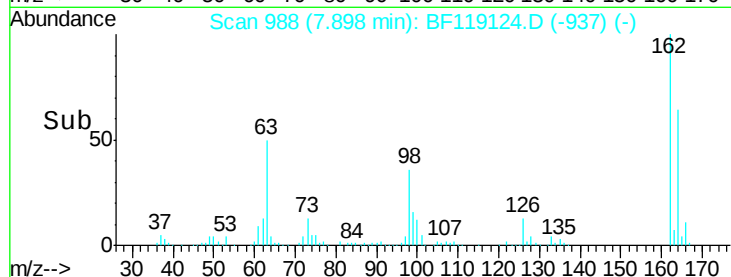
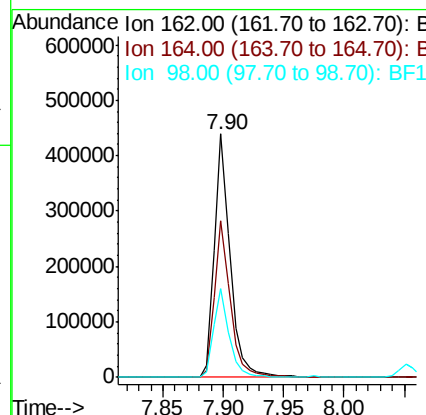
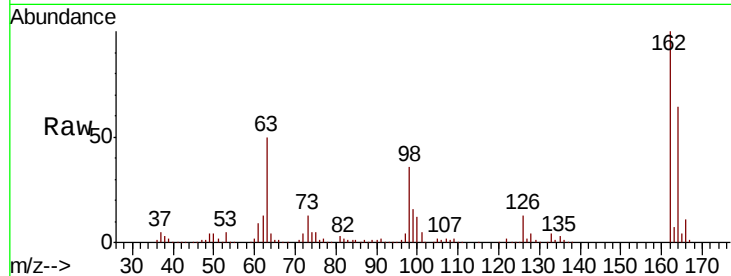
#29
2,4-Dichlorophenol
Concen: 39.250 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	45.2	85.2
98	36.2	17.4	57.4

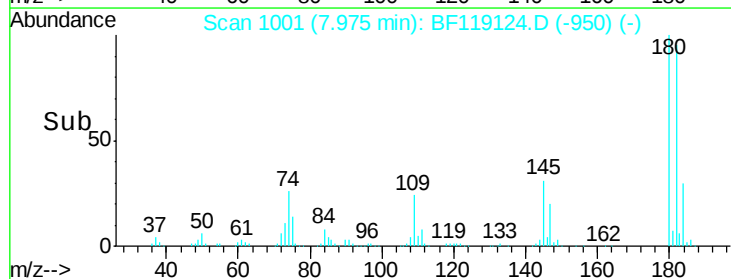
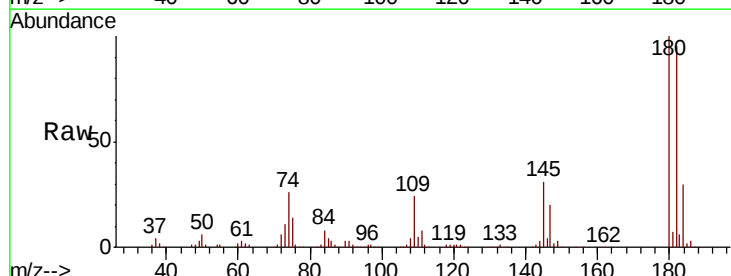
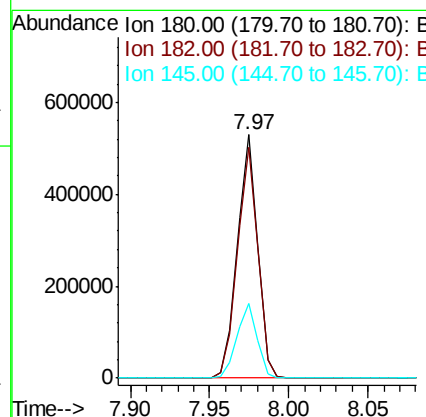
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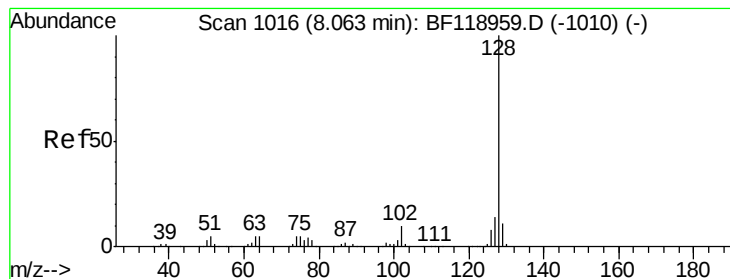
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#30
1,2,4-Trichlorobenzene
Concen: 39.120 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	77.8	116.6
145	30.6	25.2	37.8





#31

Naphthalene

Concen: 39.351 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1305633

Ion Ratio Lower Upper

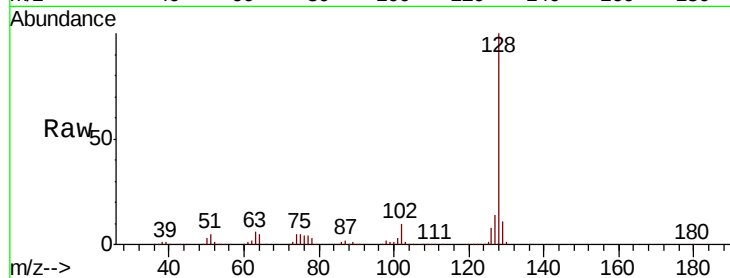
128 100

129 11.5 9.4 14.2

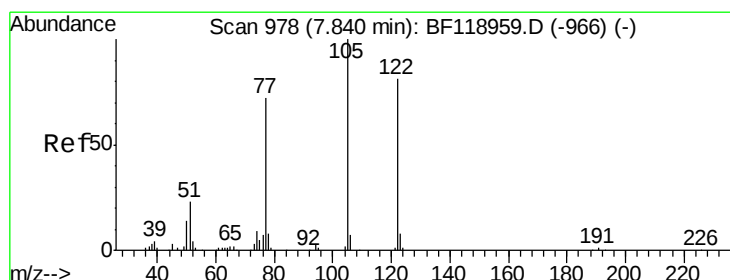
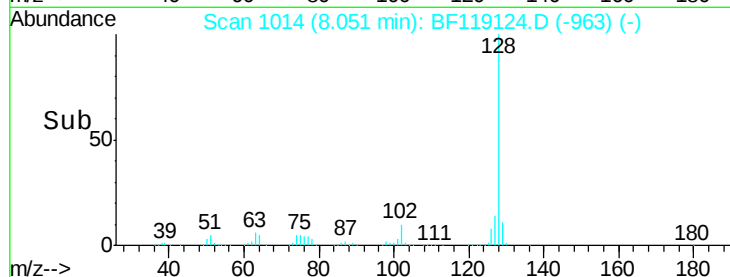
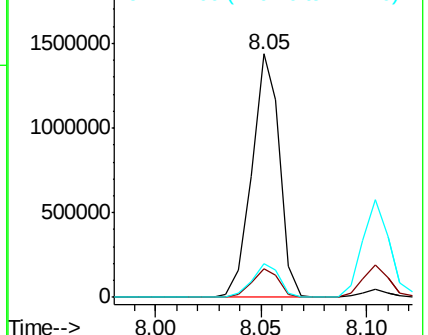
127 14.0 11.4 17.2

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.804 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

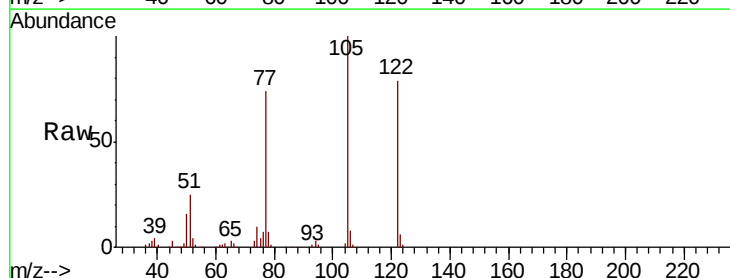
Tgt Ion:122 Resp: 205404

Ion Ratio Lower Upper

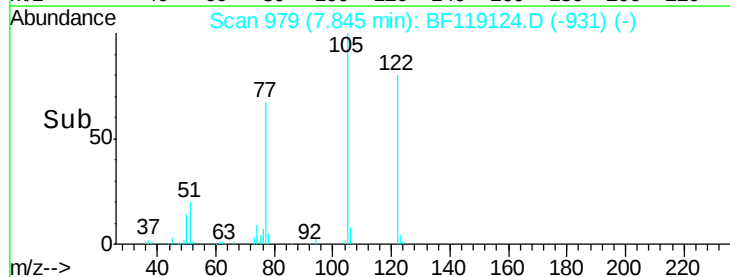
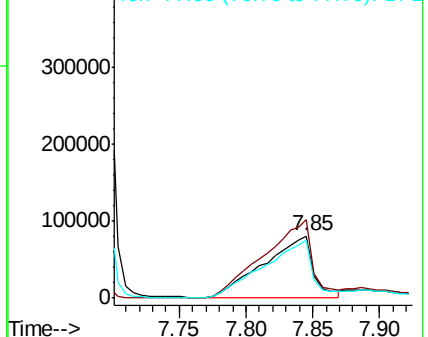
122 100

105 125.8 106.3 146.3

77 92.8 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





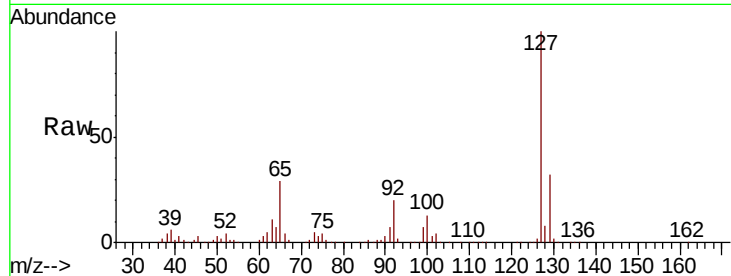
#33
4-Chloroaniline
Concen: 37.688 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

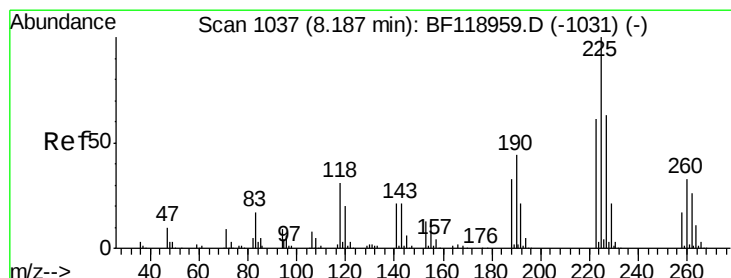
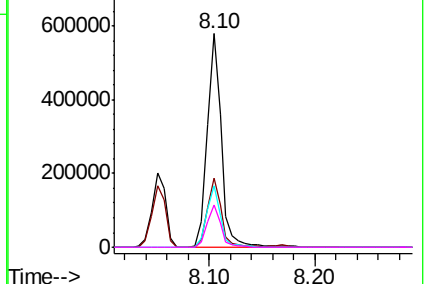
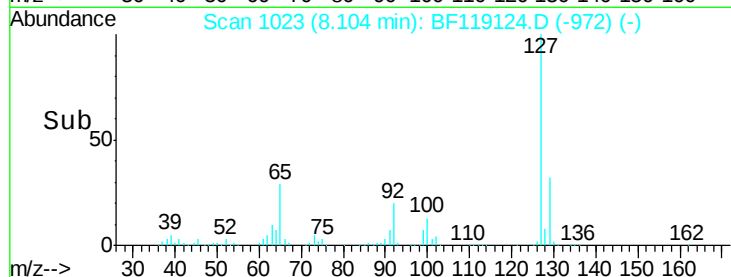
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	28.9	23.9	35.9		
92	19.8	16.3	24.5		

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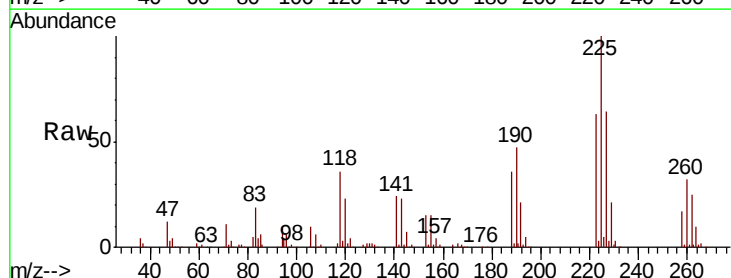


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

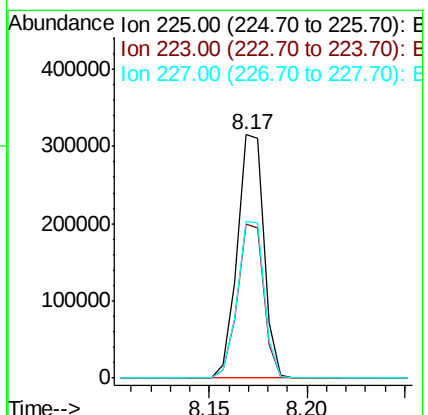
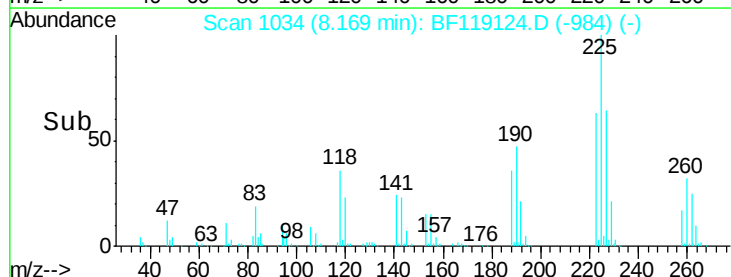


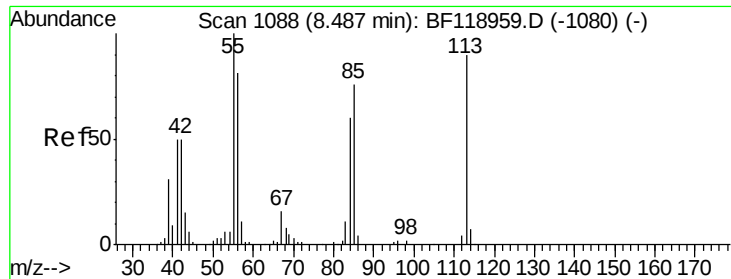
#34
Hexachlorobutadiene
Concen: 39.818 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.4	74.2		
227	64.4	52.9	79.3		



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





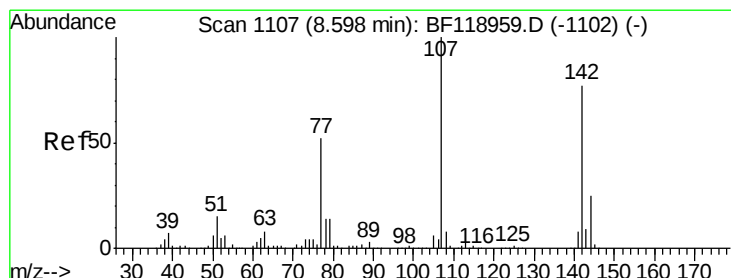
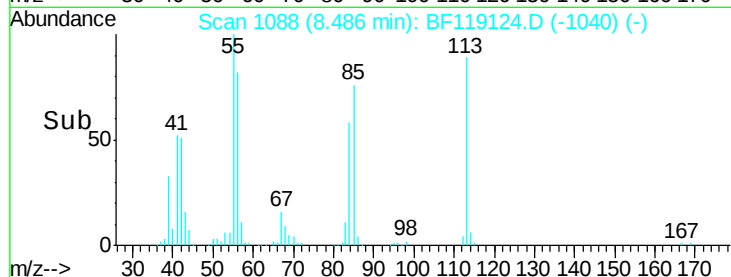
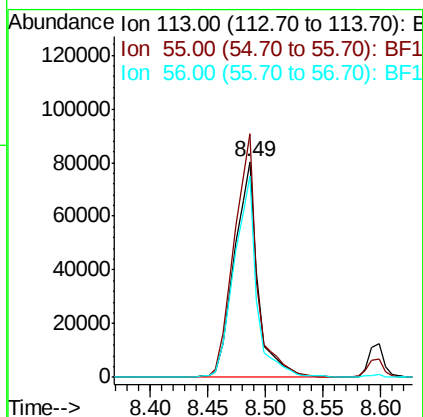
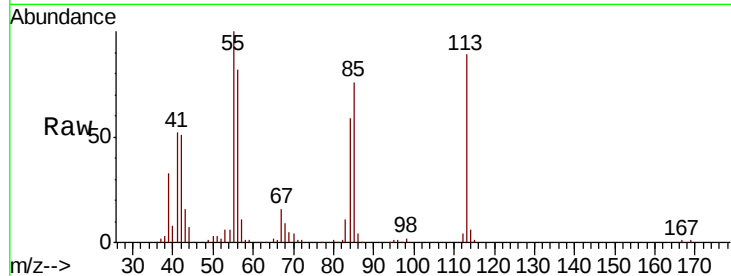
#35
 Caprolactam
 Concen: 36.338 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	113.0	95.7	135.7
56	93.2	73.1	113.1

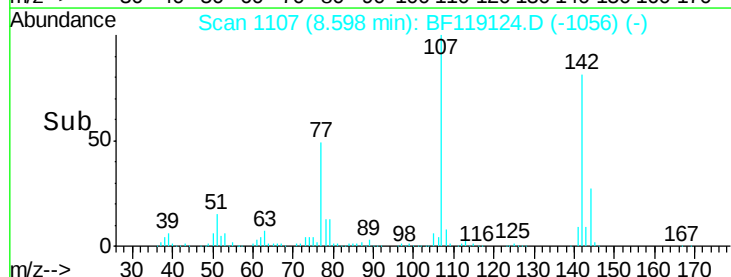
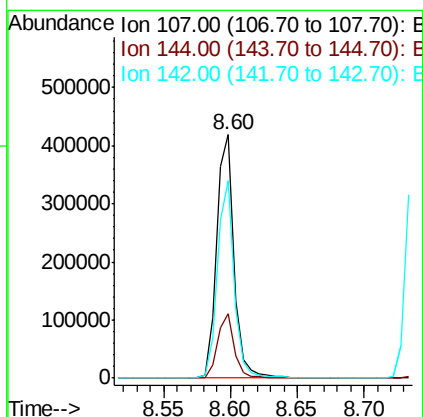
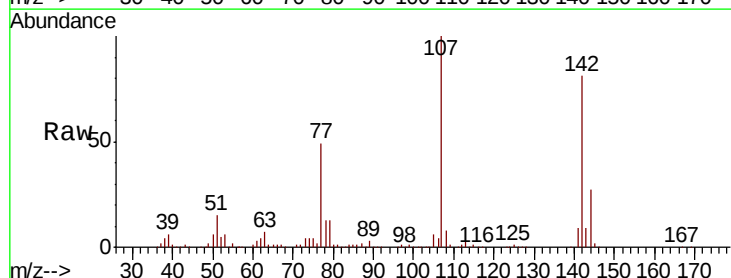
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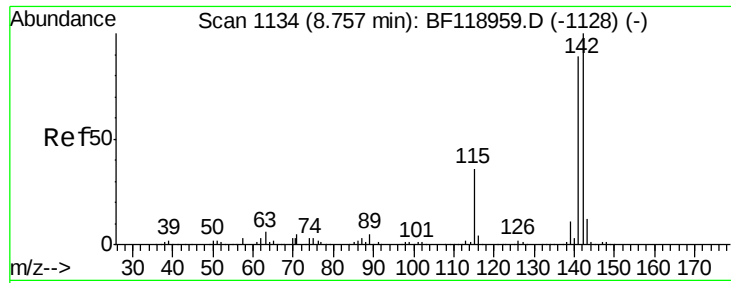
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#36
 4-Chloro-3-methylphenol
 Concen: 37.583 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.1	30.1
142	81.2	61.4	92.2





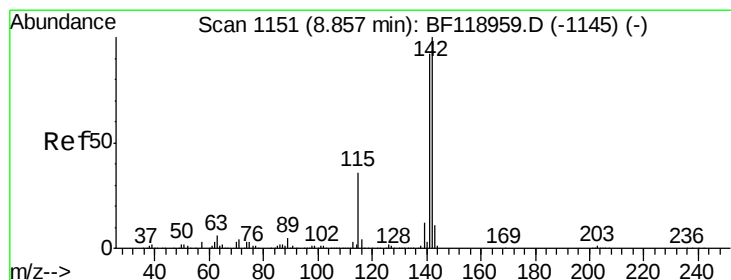
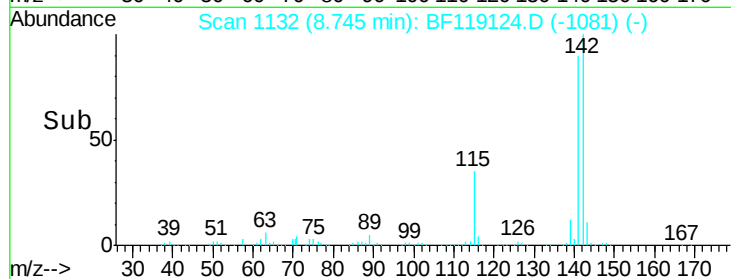
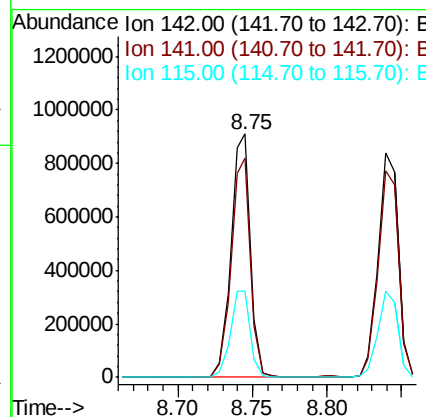
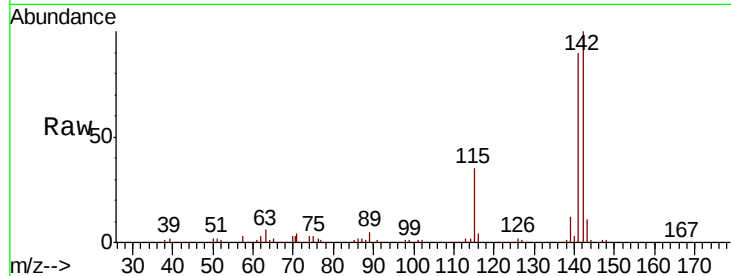
#37
2-Methylnaphthalene
Concen: 37.839 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	35.4	30.6	45.8

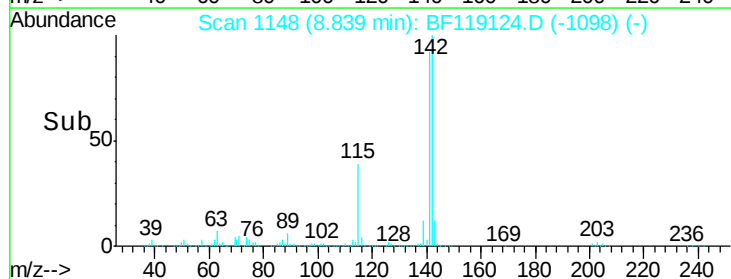
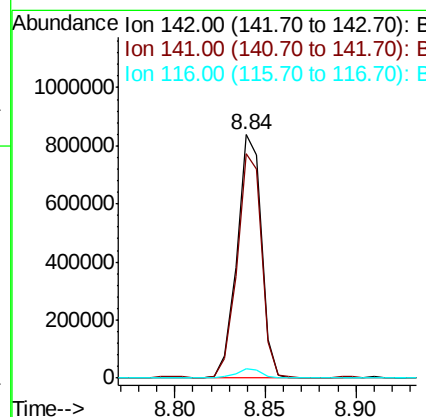
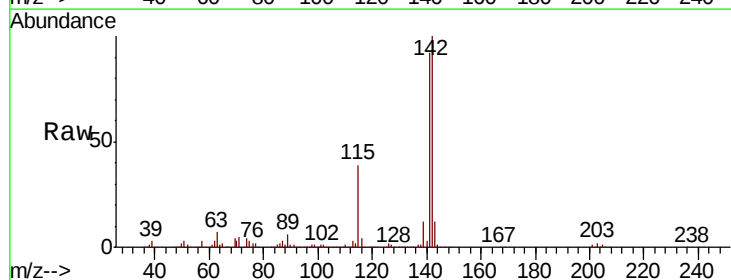
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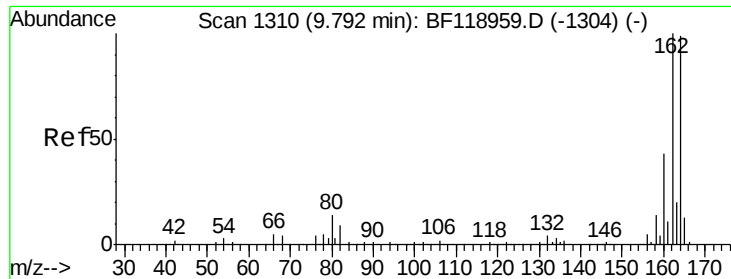
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#38
1-Methylnaphthalene
Concen: 37.208 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

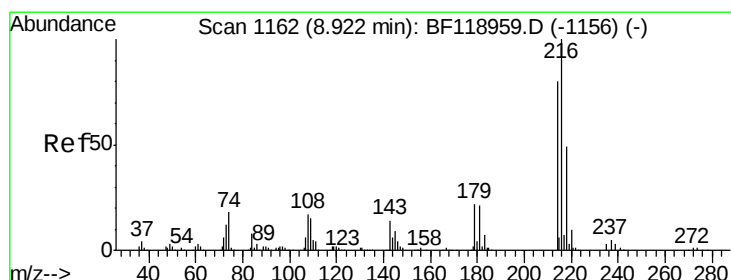
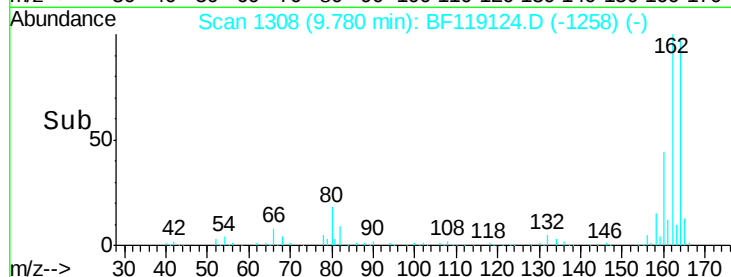
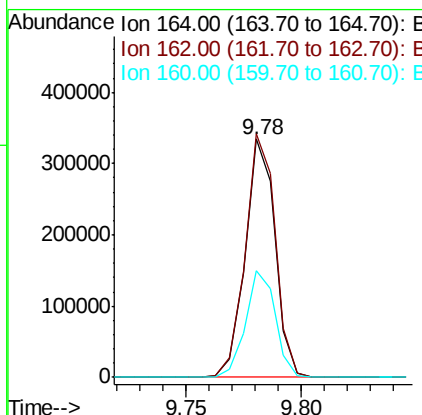
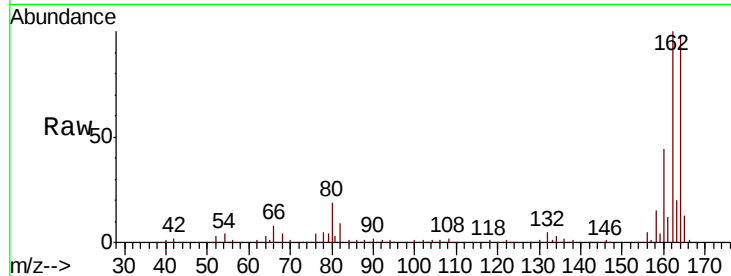
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	81.8	122.8	
160	45.1	36.0	54.0	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.593 ng

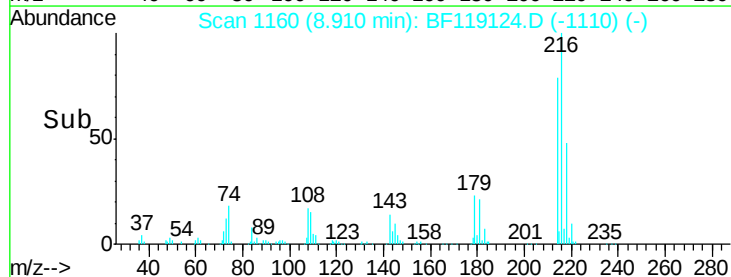
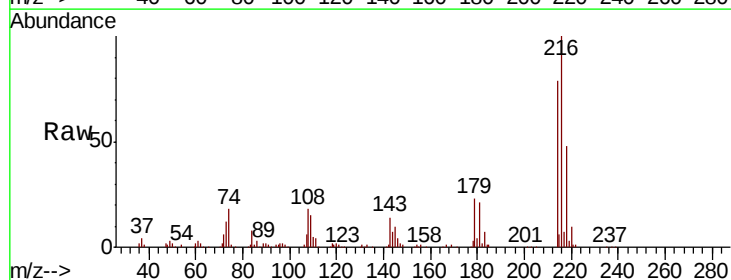
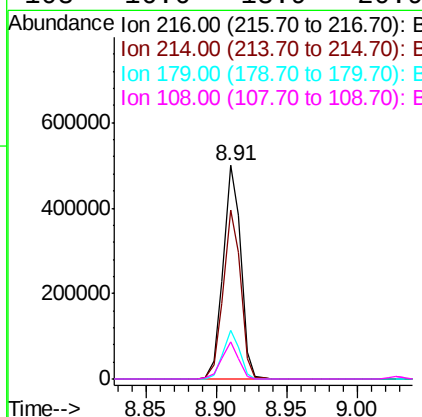
RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.3	94.9	
179	21.6	17.7	26.5	
108	16.6	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 17.731 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

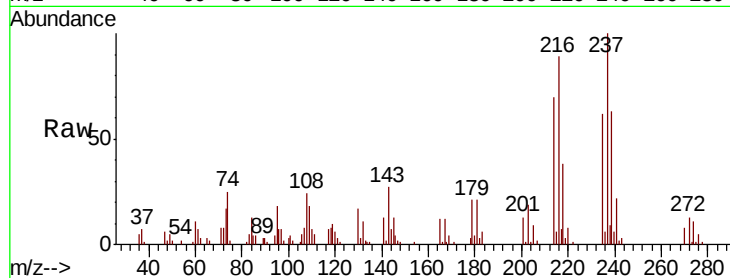
ClientSampleId :

SSTDCCC040

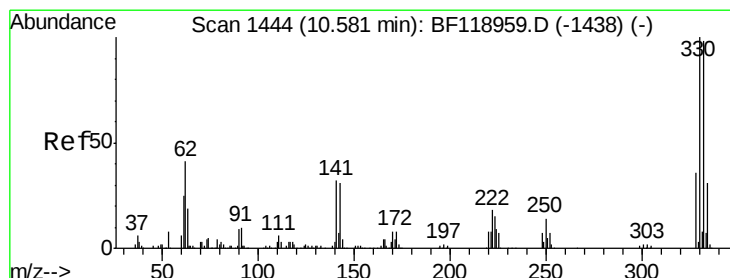
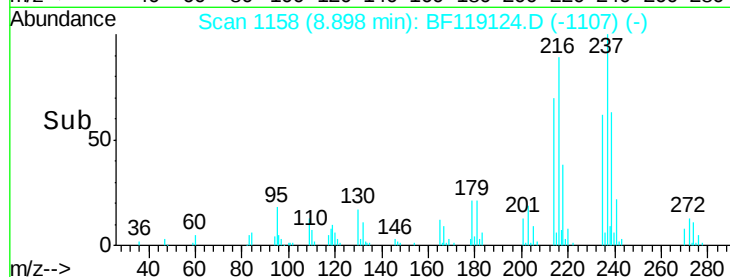
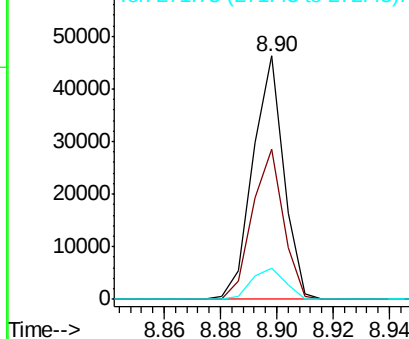
Tot Ion:	237	Resp:	35047
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.3	82.3
272	12.7	0.0	33.5

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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: 72.221 ng

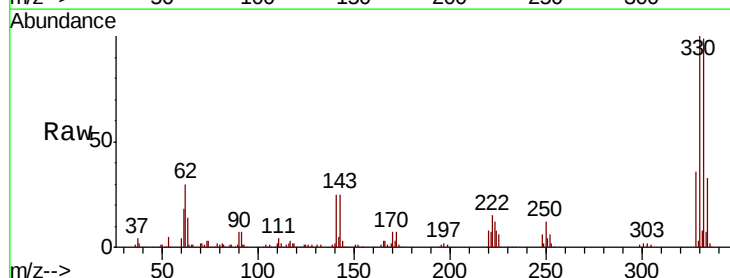
RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

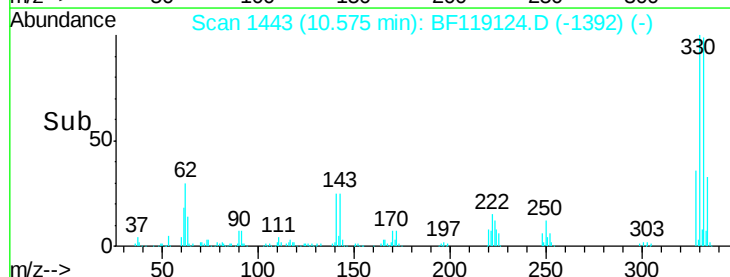
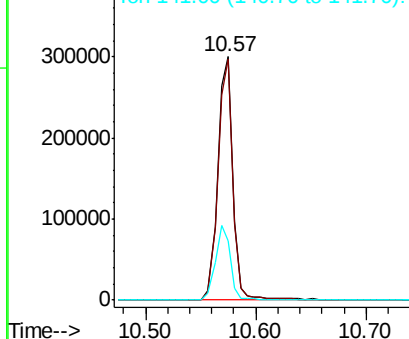
Lab File: BF119124.D

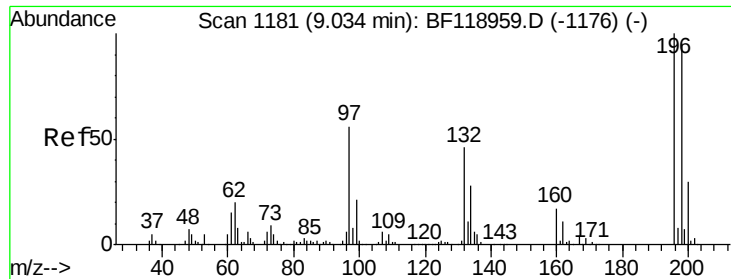
Acq: 27 Feb 2020 22:35

Tgt Ion:	330	Resp:	285637
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.0	114.0
141	30.2	22.9	34.3



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





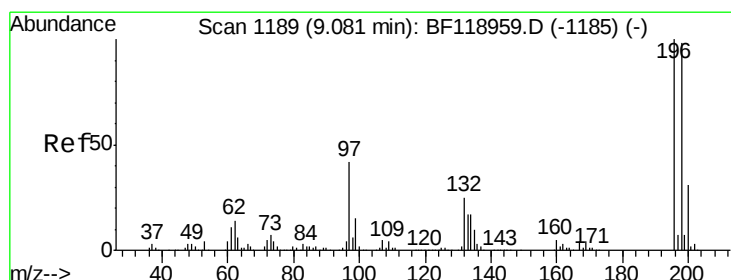
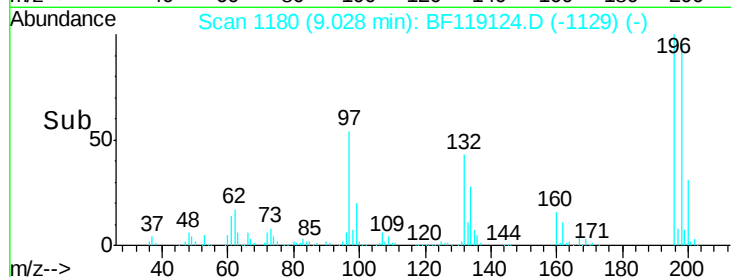
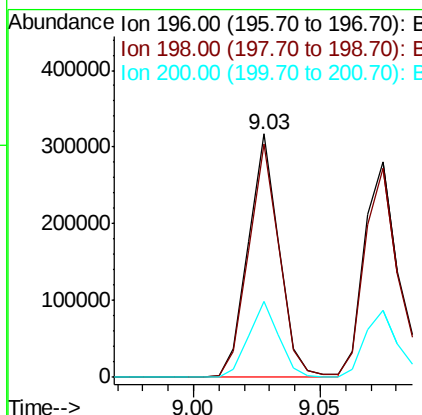
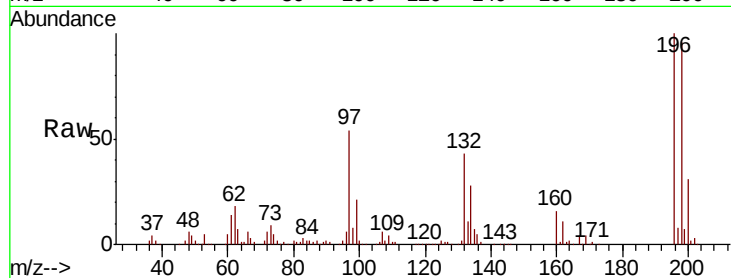
#43
 2,4,6-Trichlorophenol
 Concen: 42.041 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	270622		
198	95.6	77.1	115.7	
200	31.2	25.0	37.6	

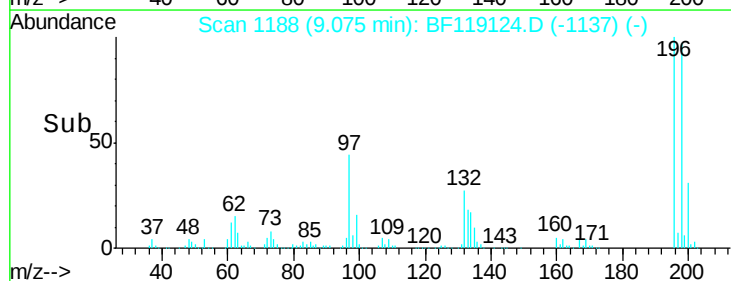
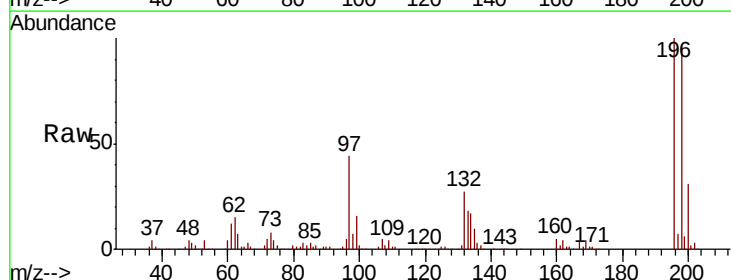
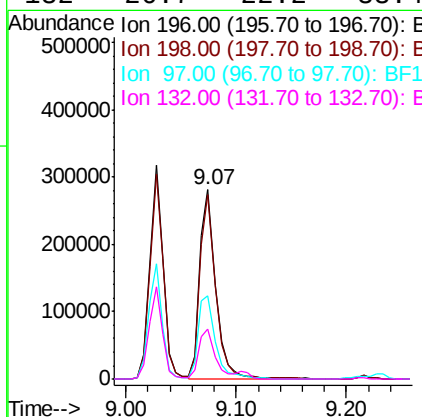
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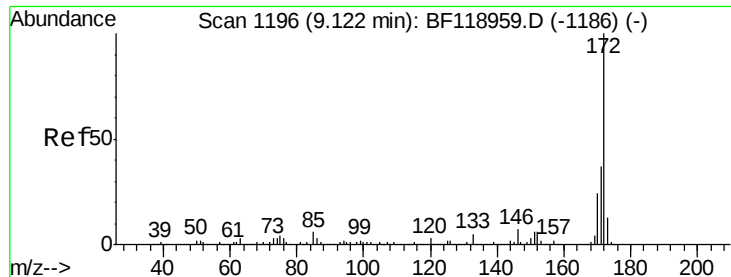
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.504 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273600		
198	97.1	76.8	115.2	
97	44.1	38.5	57.7	
132	26.7	22.2	33.4	





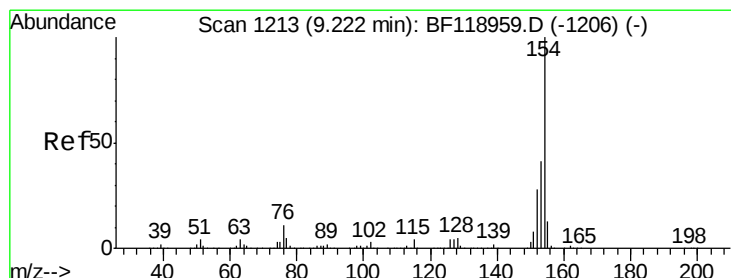
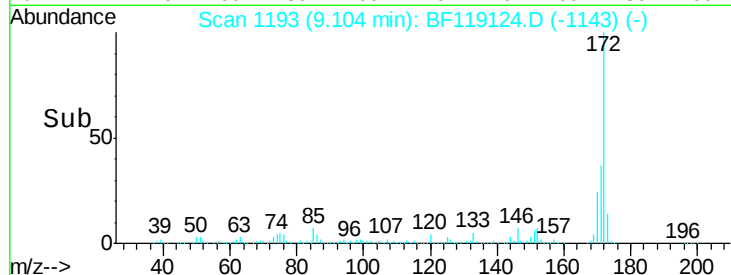
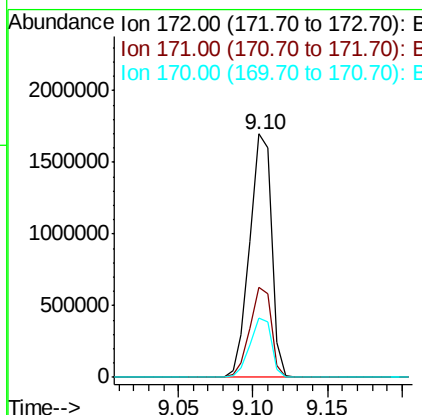
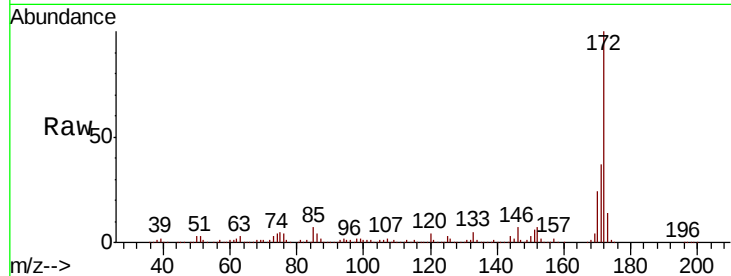
#45
2-Fluorobiphenyl
Concen: 83.543 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.4	20.2	30.2

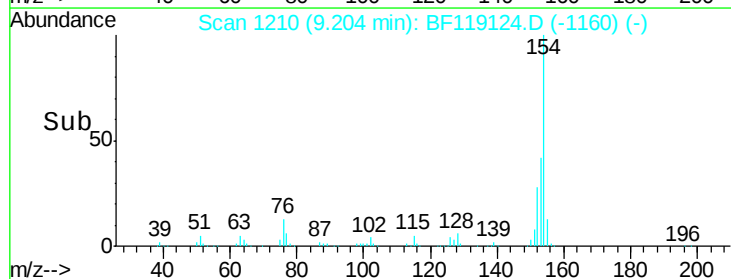
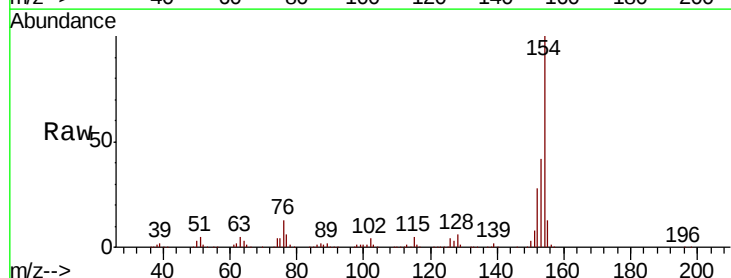
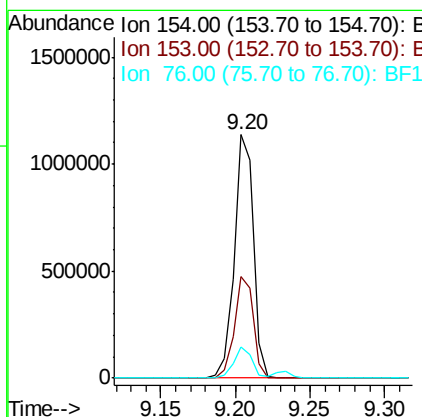
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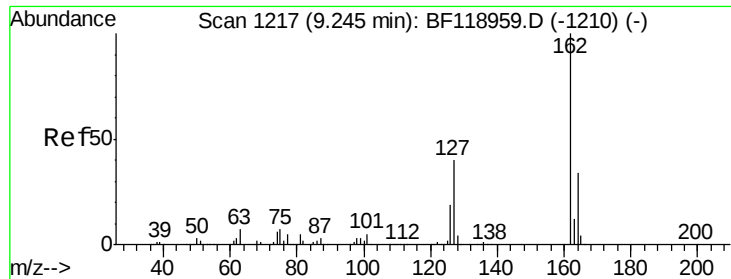
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#46
1,1'-Biphenyl
Concen: 42.079 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	12.7	0.0	32.2





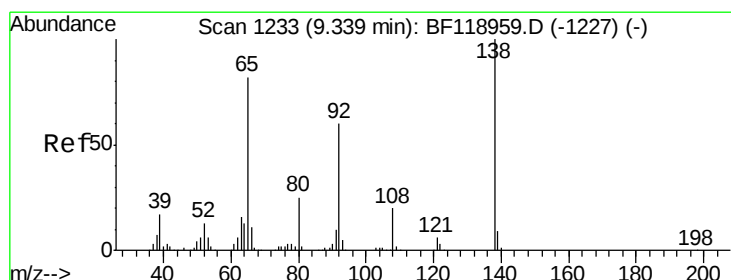
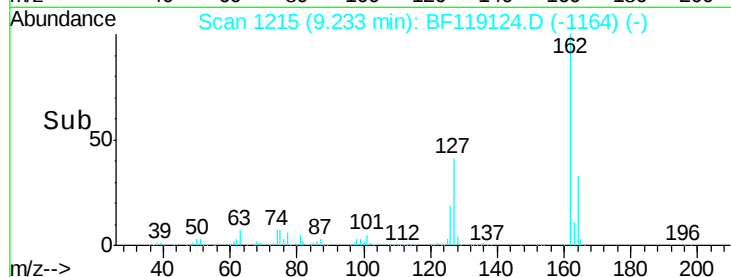
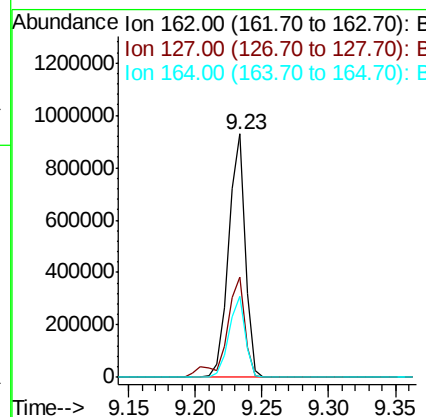
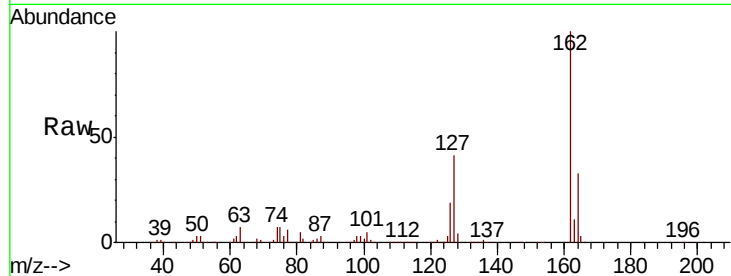
#47
2-Chloronaphthalene
Concen: 41.759 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	33.5	27.2	40.8

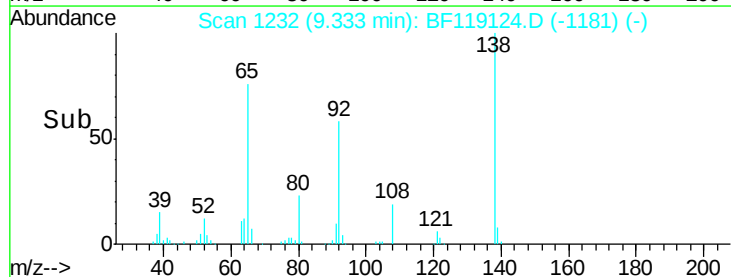
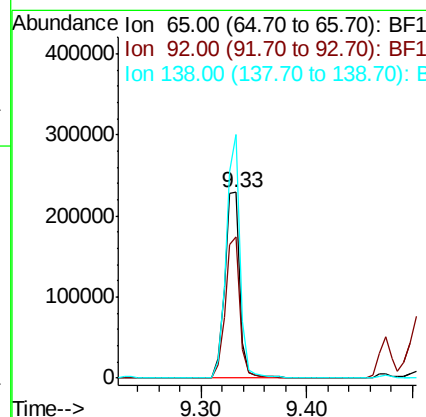
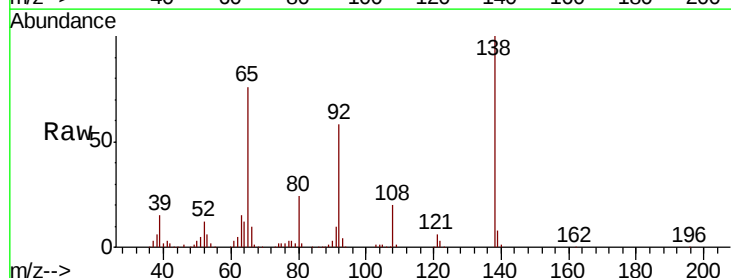
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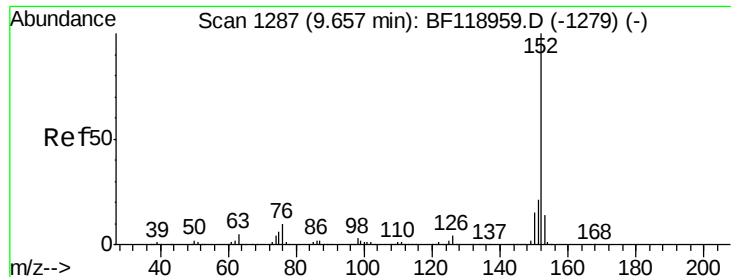
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#48
2-Nitroaniline
Concen: 42.352 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	58.2	87.2
138	131.1	95.6	143.4





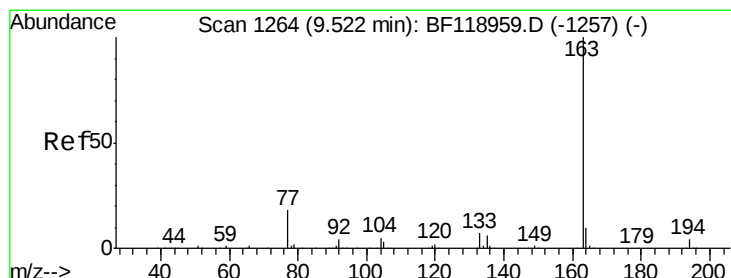
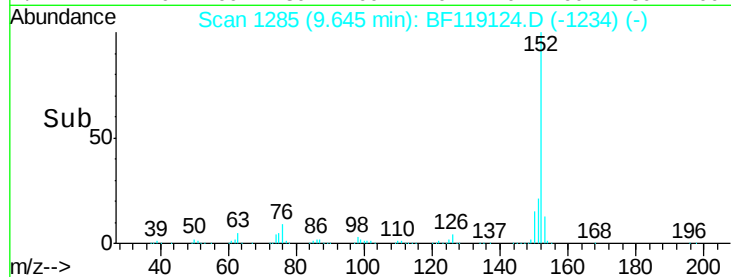
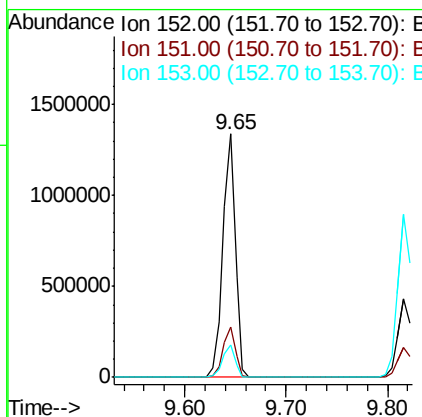
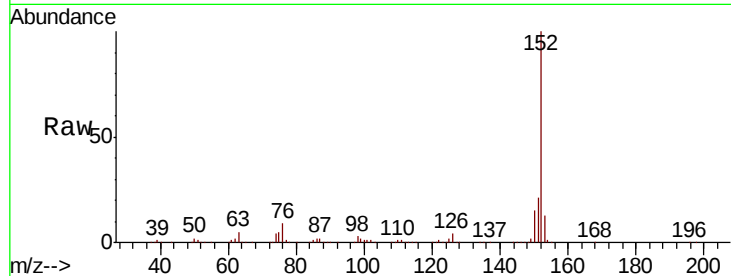
#49
Acenaphthylene
Concen: 40.292 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.1	11.0	16.6

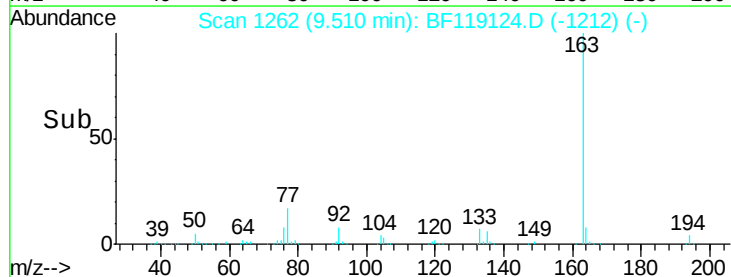
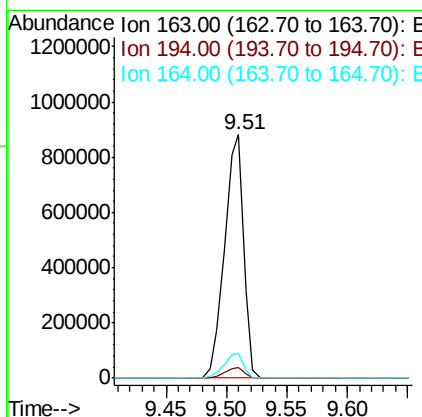
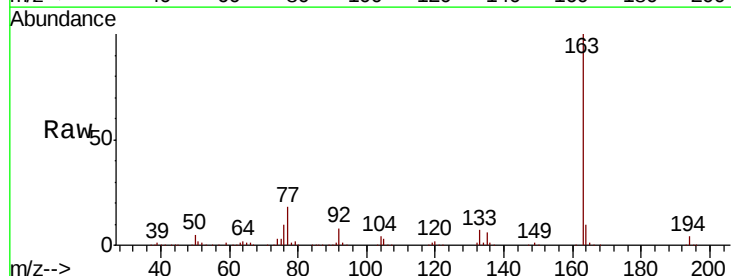
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#50
Dimethylphthalate
Concen: 41.293 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.4	12.6





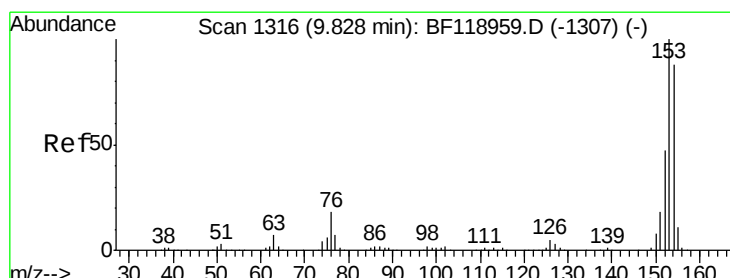
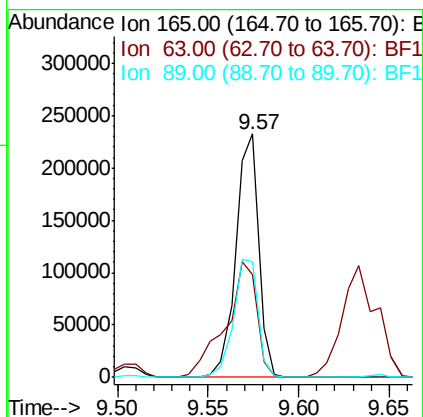
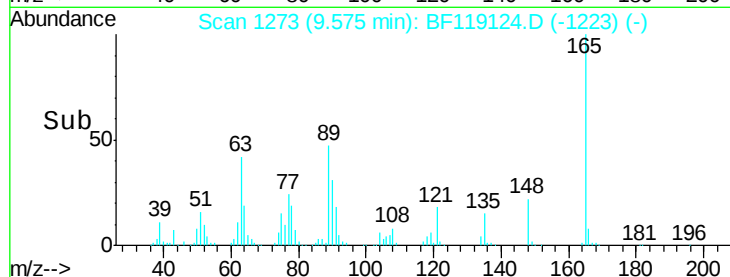
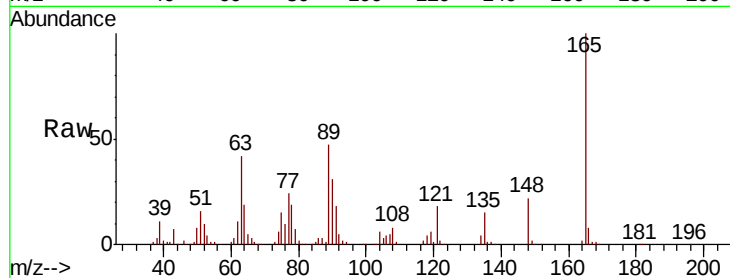
#51
 2,6-Dinitrotoluene
 Concen: 39.692 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.3	51.5
89	47.4	38.3	57.5

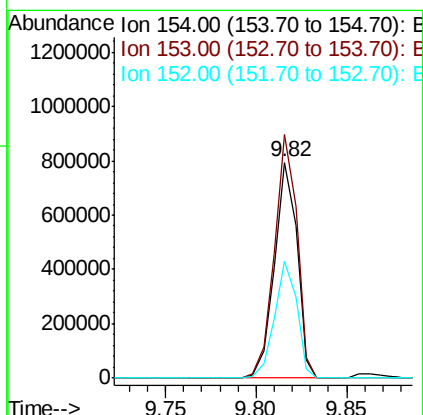
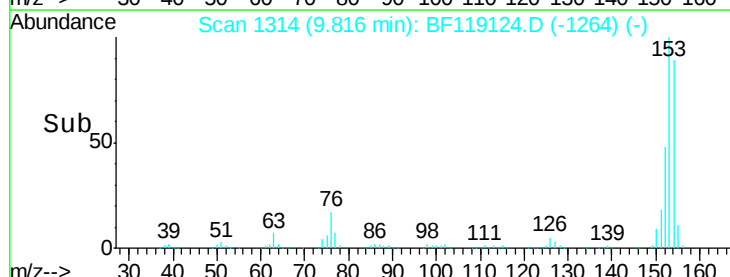
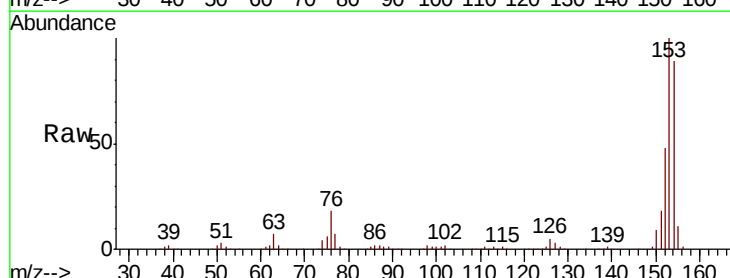
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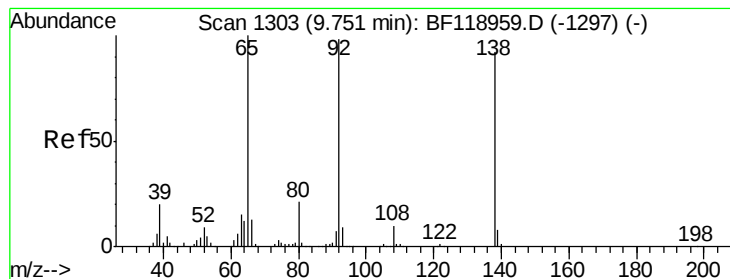
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#52
 Acenaphthene
 Concen: 40.199 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.3	135.5
152	54.3	43.8	65.8





#53

3-Nitroaniline

Concen: 39.096 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

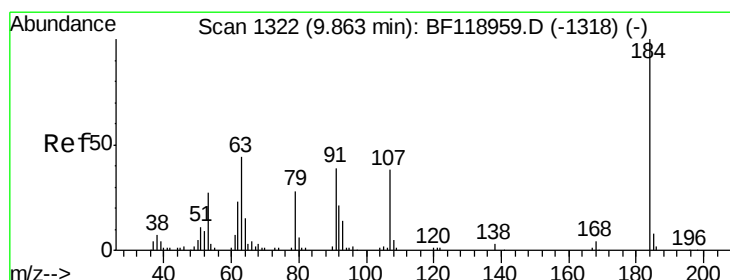
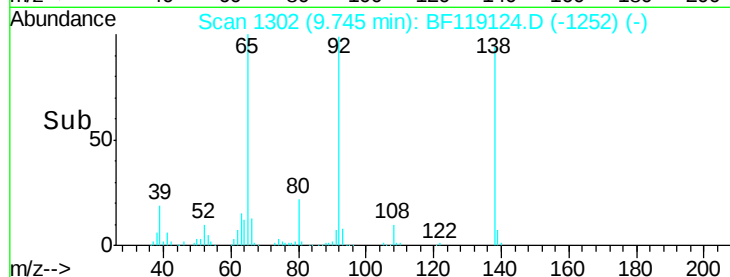
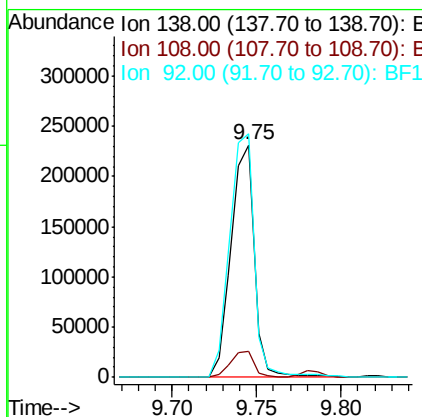
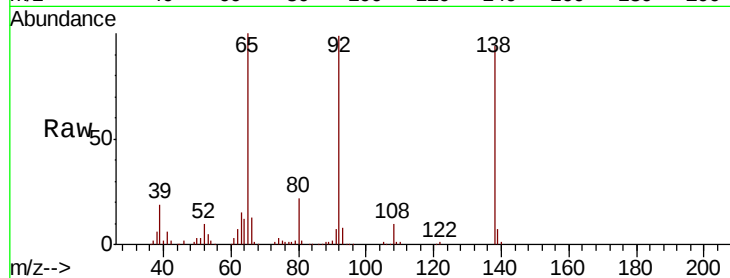
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	104.9	84.8	127.2

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#54

2,4-Dinitrophenol

Concen: 18.877 ng

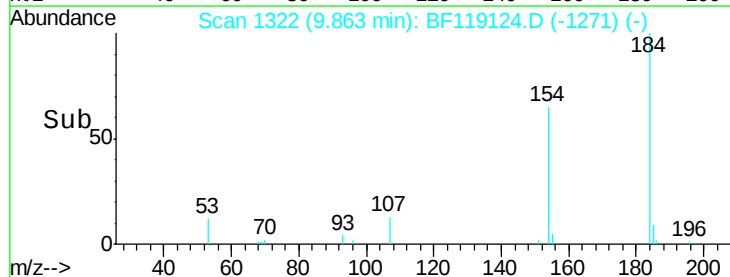
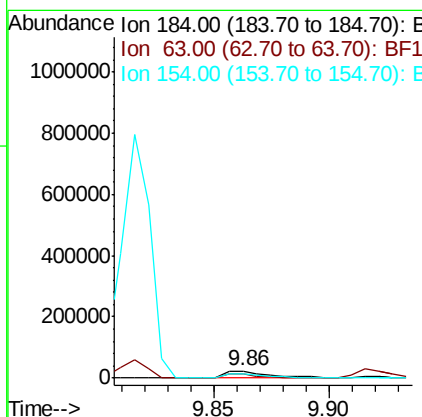
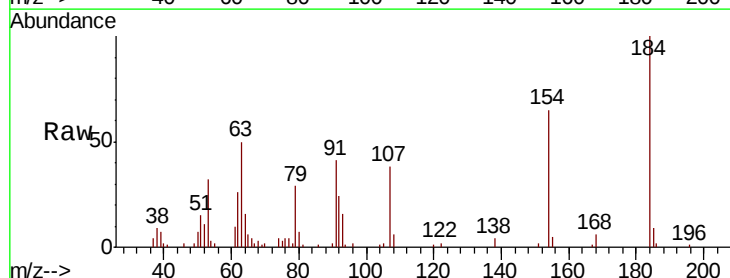
RT: 9.86 min Scan# 1322

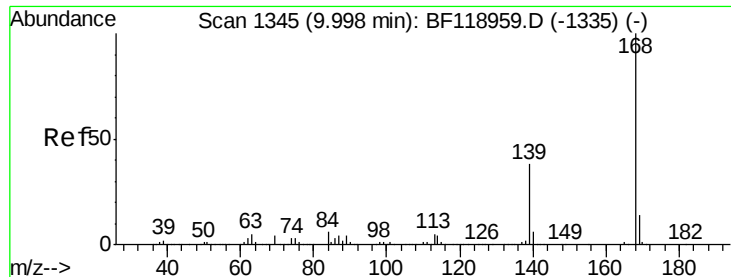
Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.1	38.7	58.1
154	65.3	49.7	74.5





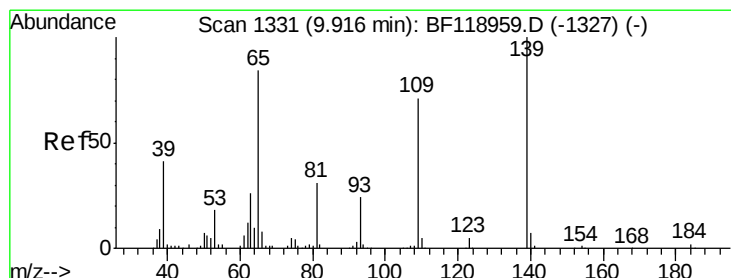
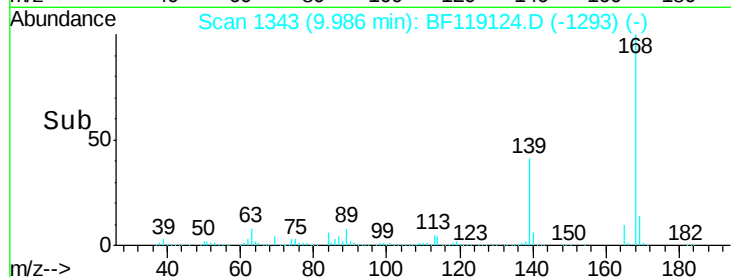
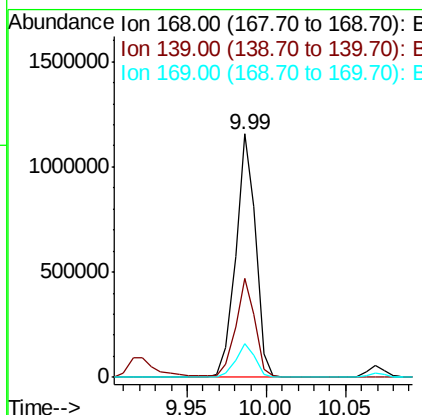
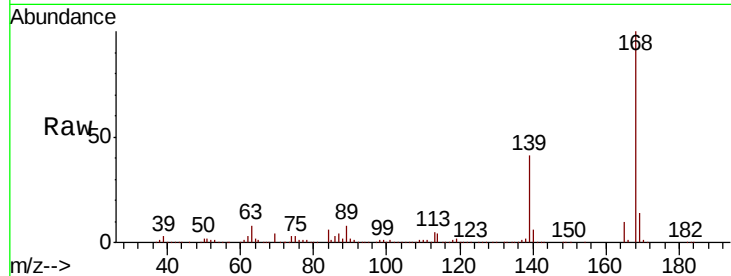
#55
Dibenzofuran
Concen: 39.063 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	34.0	51.0
169	13.7	11.0	16.4

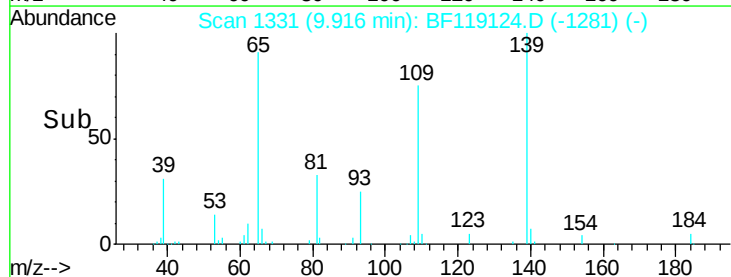
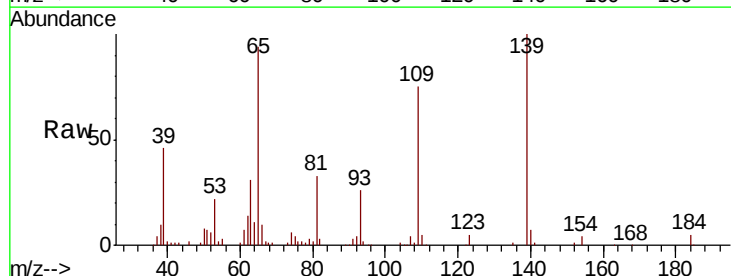
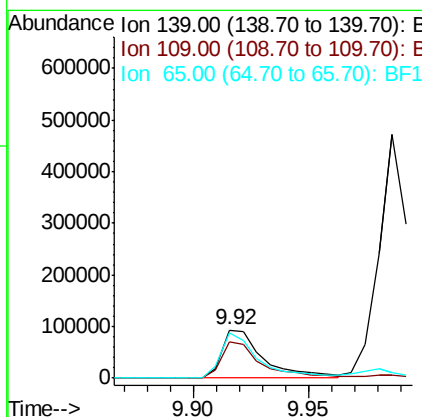
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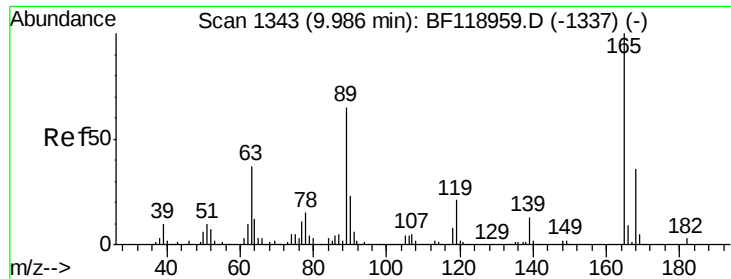
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#56
4-Nitrophenol
Concen: 34.276 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	56.7	96.7
65	93.7	65.0	105.0





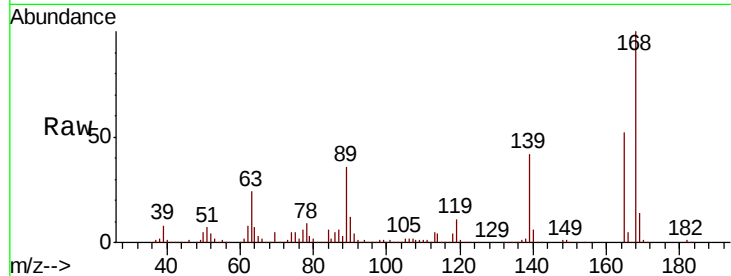
#57
 2,4-Dinitrotoluene
 Concen: 37.305 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

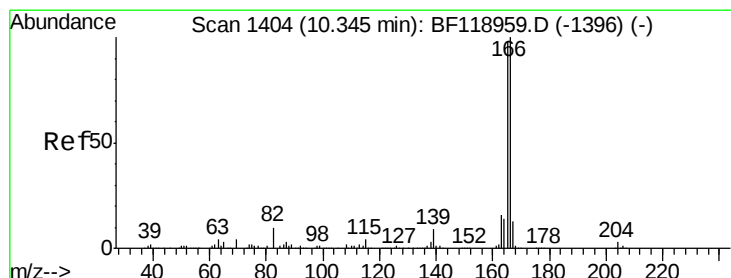
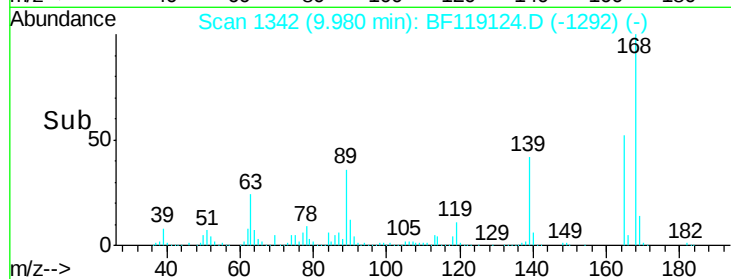
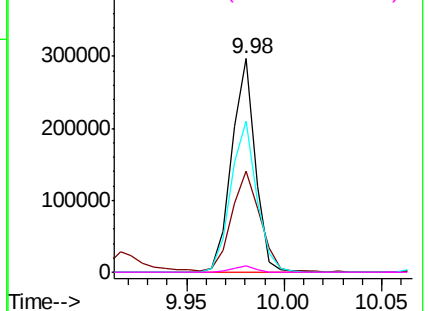
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		248365		
63	47.1	42.3	63.5		
89	70.8	60.2	90.4		
182	2.9	2.3	3.5		

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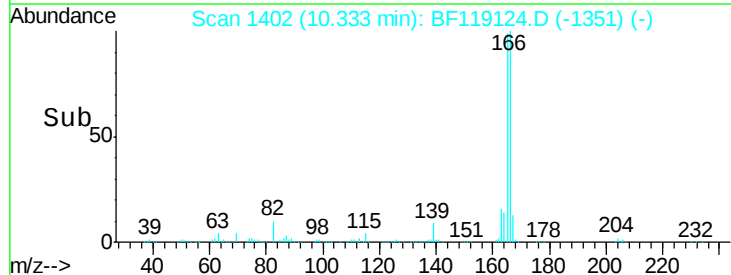
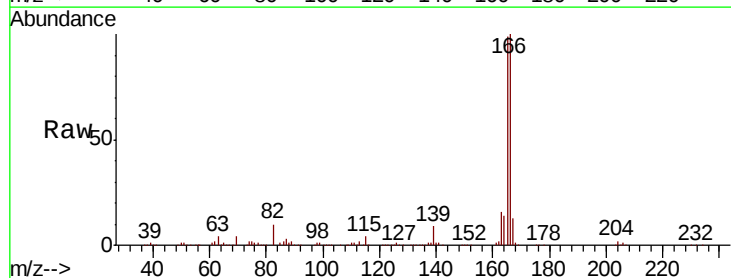
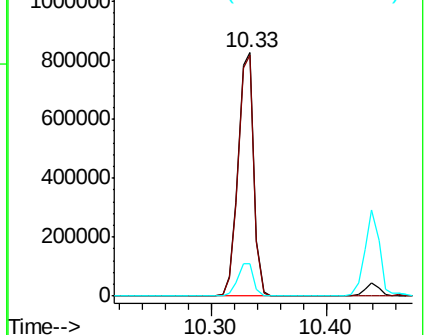
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

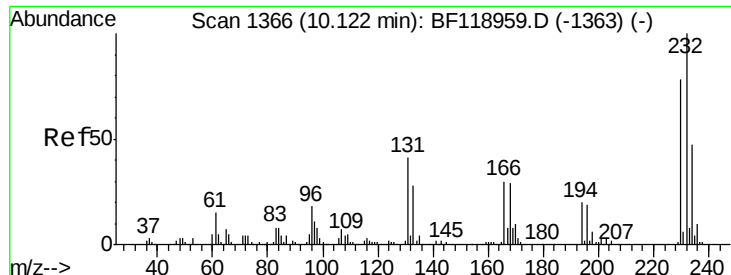


#58
 Fluorene
 Concen: 39.267 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		780991		
165	98.8	78.5	117.7		
167	13.2	11.0	16.4		

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: 37.186 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 211949

Ion Ratio Lower Upper

232 100

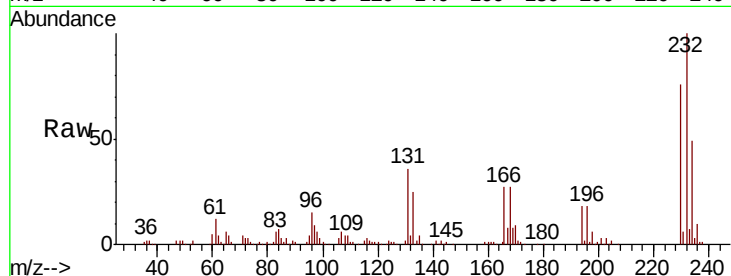
131 40.9 33.8 50.8

130 1.9 1.8 2.6

166 29.5 23.0 34.4

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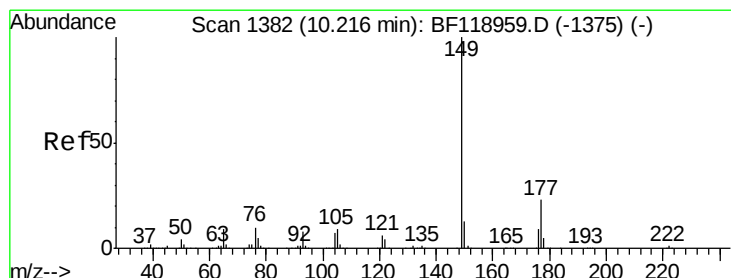
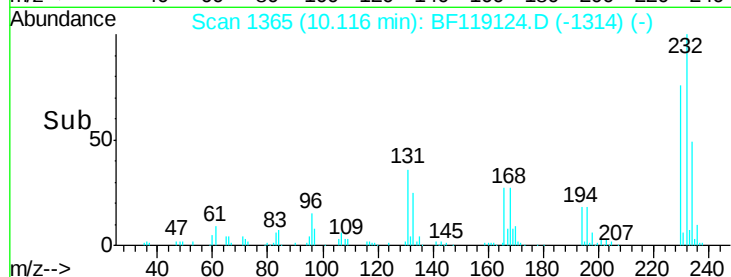
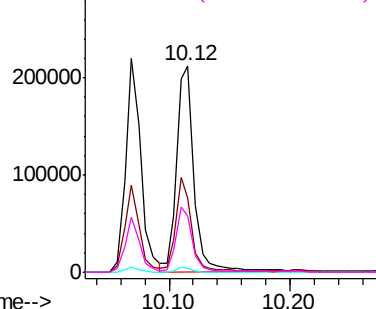


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.770 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

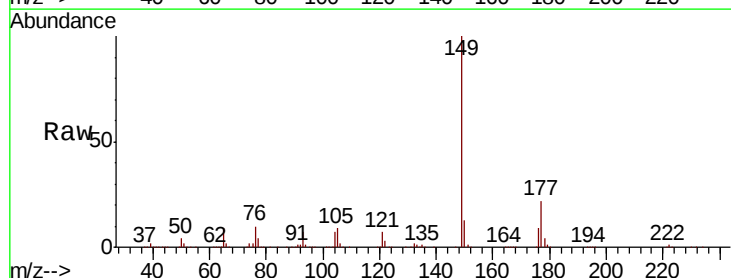
Tgt Ion:149 Resp: 888256

Ion Ratio Lower Upper

149 100

177 22.1 18.2 27.2

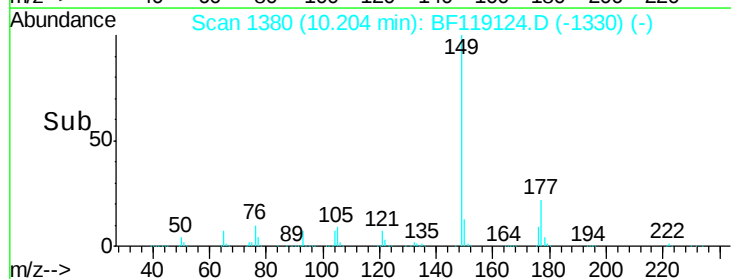
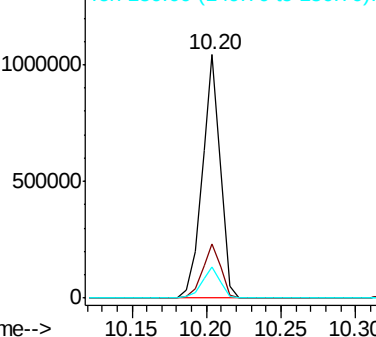
150 12.7 10.5 15.7

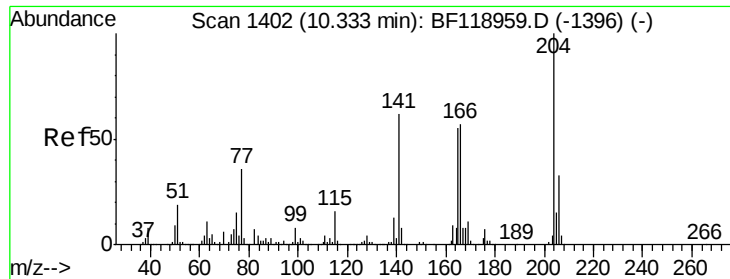


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





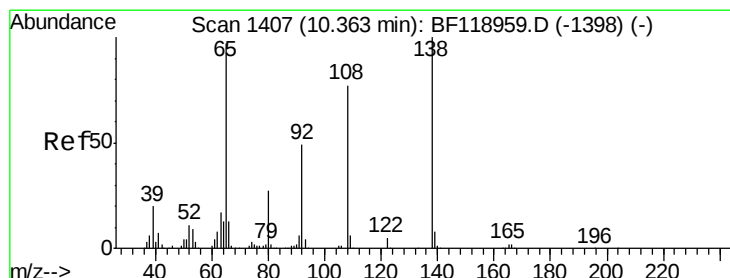
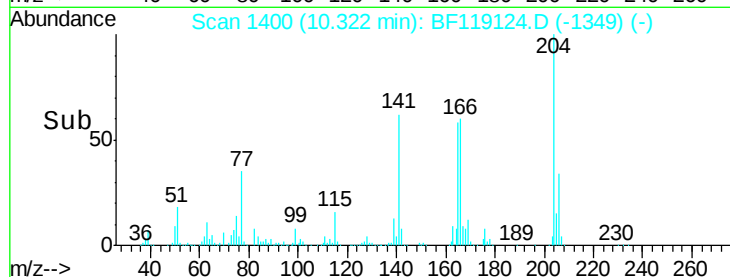
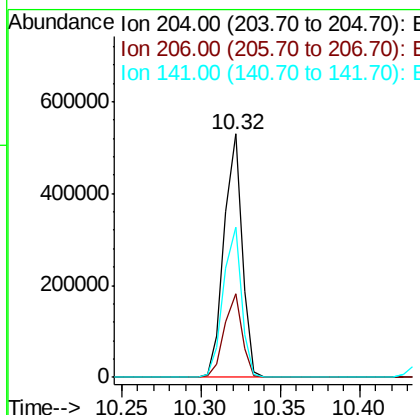
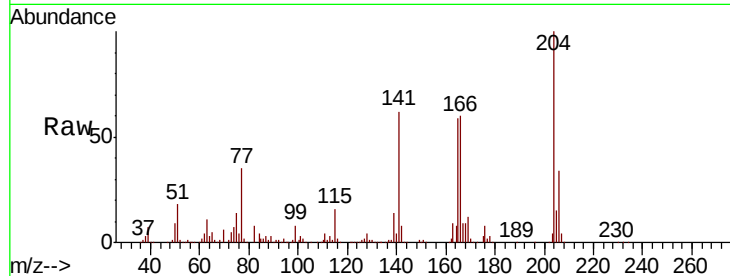
#61
4-Chlorophenyl-phenylether
Concen: 39.954 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.1	40.7
141	61.5	52.9	79.3

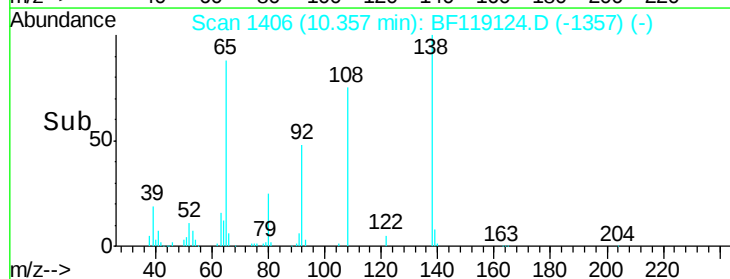
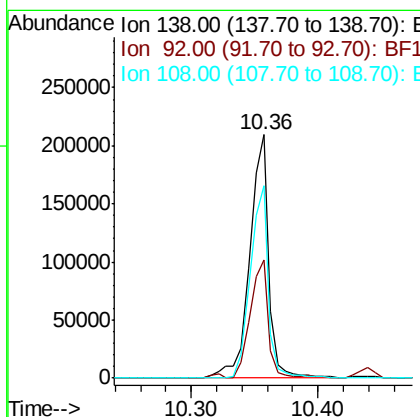
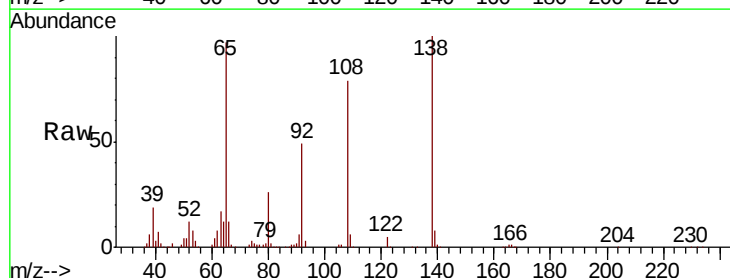
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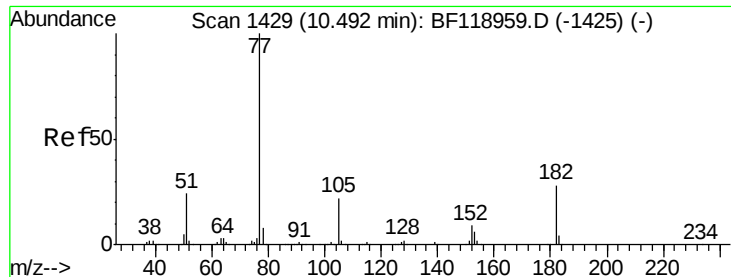
mohammad
2/28/2020 2:41:48 PM



#62
4-Nitroaniline
Concen: 37.900 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.3	67.3
108	79.1	57.0	97.0





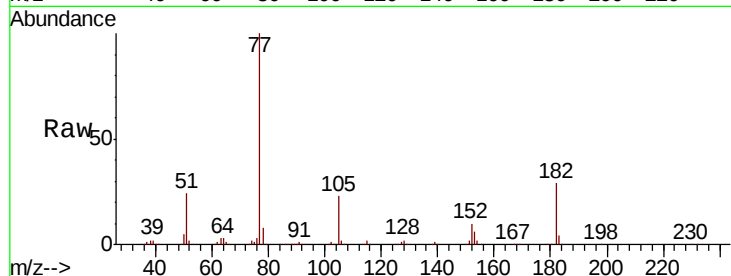
#63
Azobenzene
Concen: 38.500 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

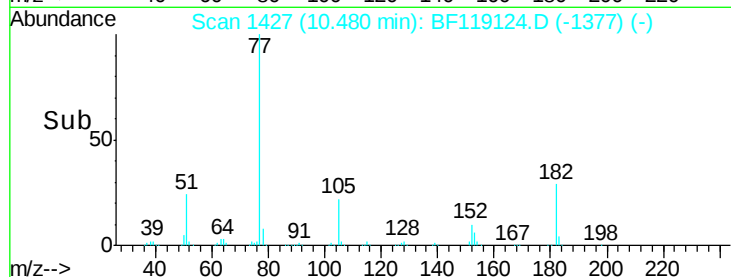
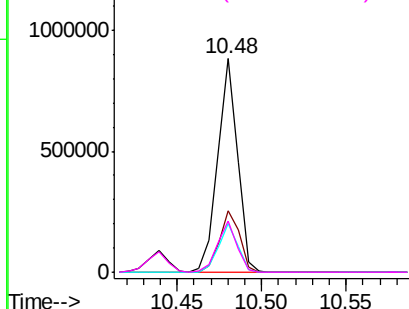
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.9	11.4	51.4	
105	22.6	3.4	43.4	
51	24.1	5.1	45.1	

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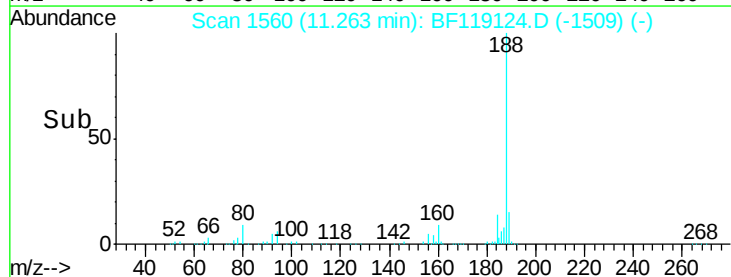
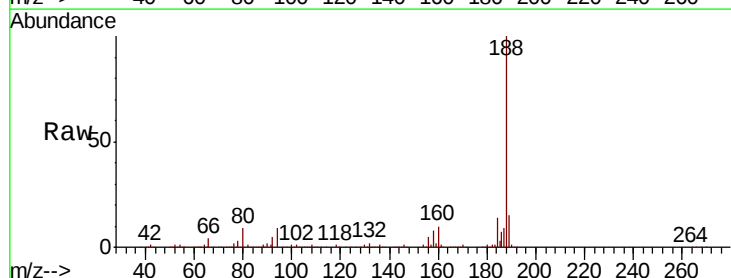
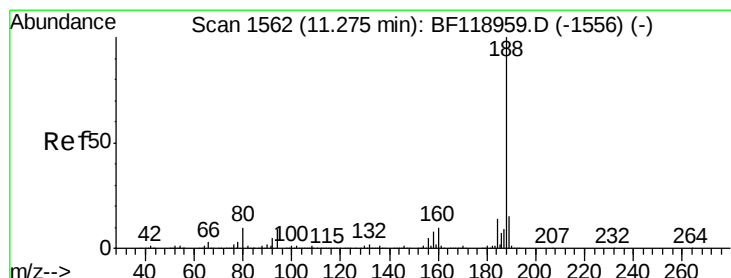
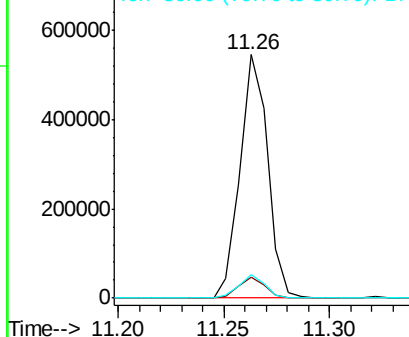
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.1	10.7	
80	9.5	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





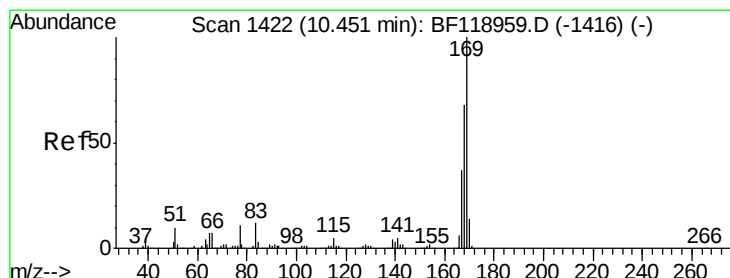
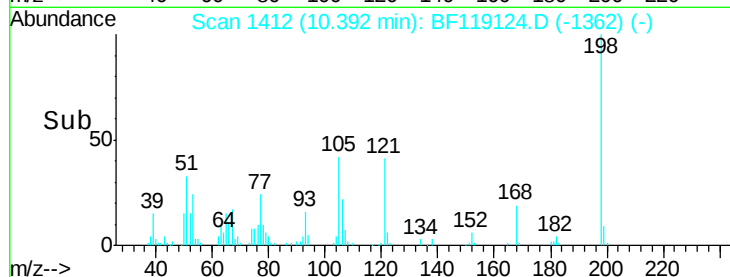
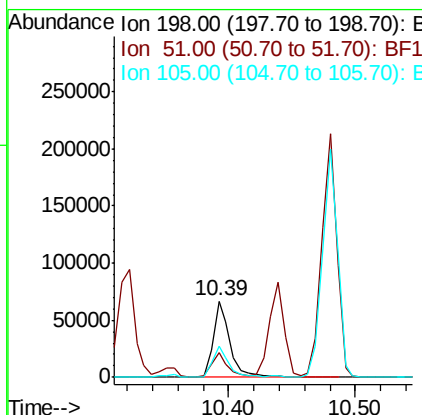
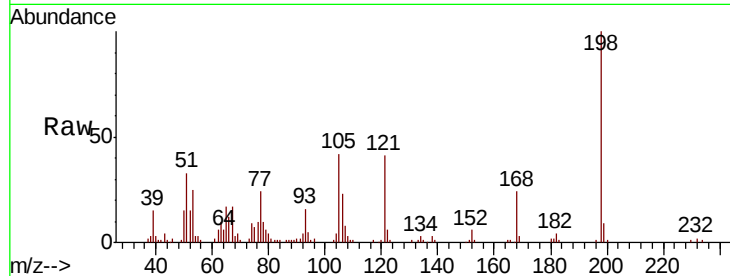
#65
4,6-Dinitro-2-methylphenol
Concen: 20.979 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.6	14.2	54.2
105	41.6	22.7	62.7

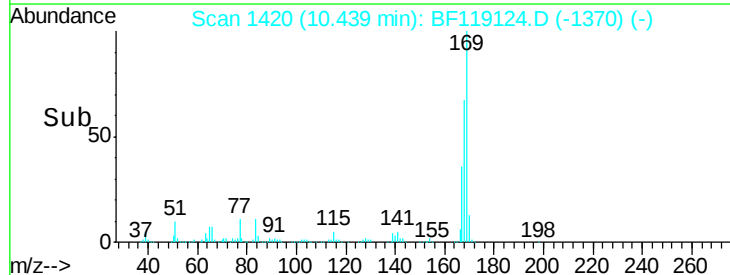
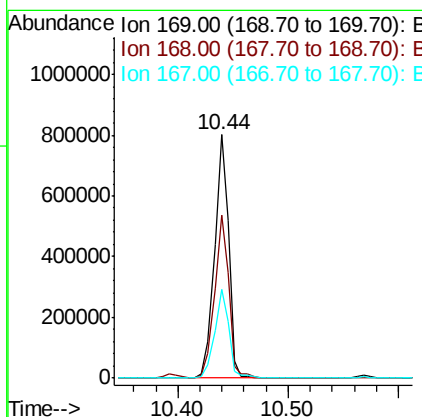
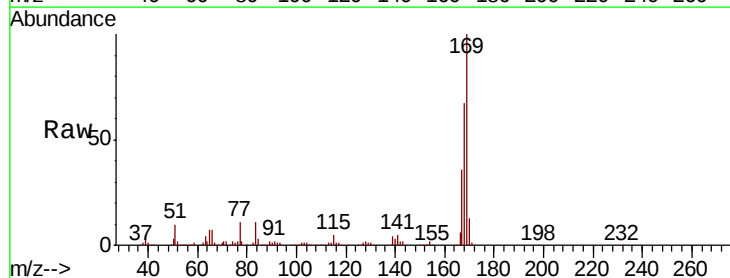
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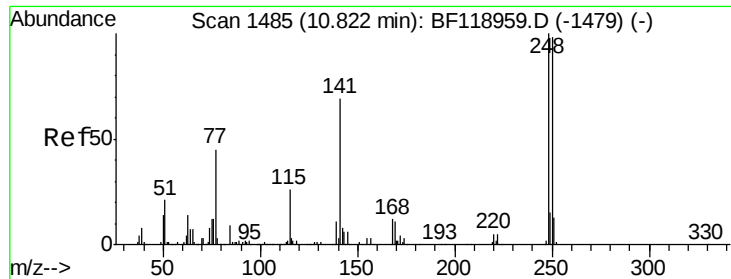
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	36.4	29.4	44.0





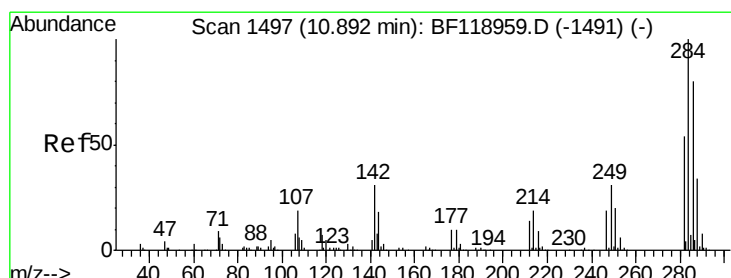
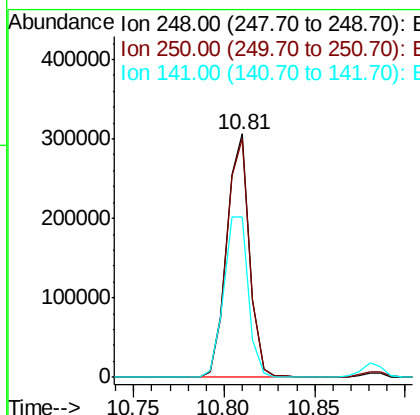
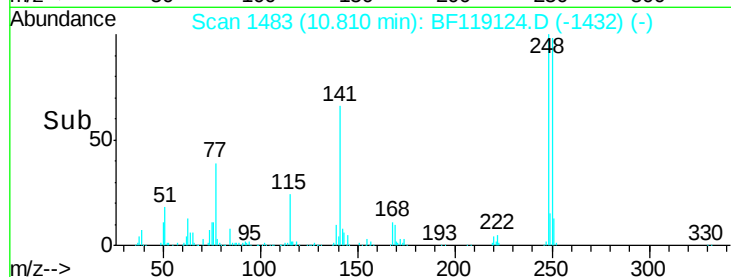
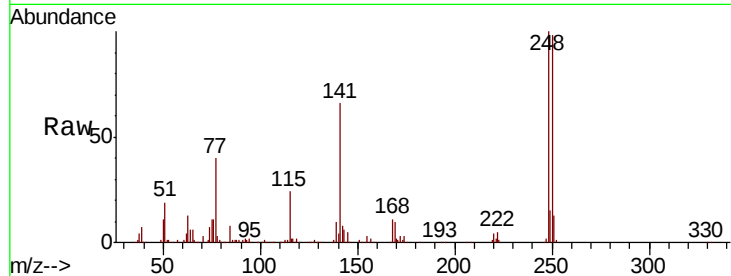
#67
4-Bromophenyl-phenylether
Concen: 41.552 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.7	115.1
141	65.9	60.7	91.1

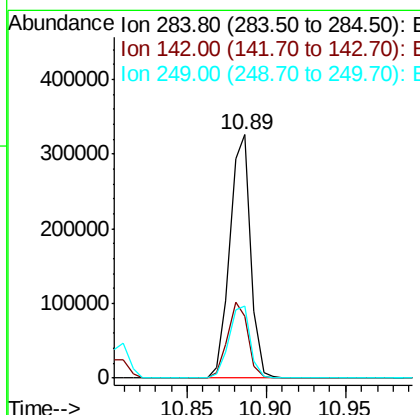
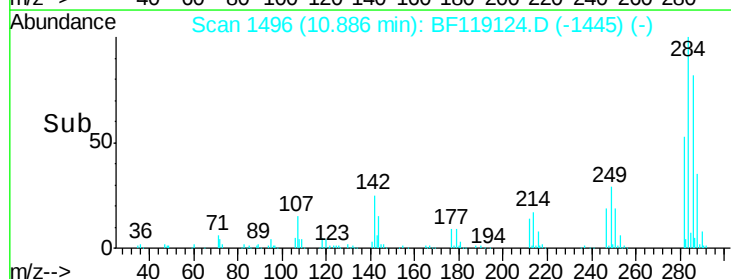
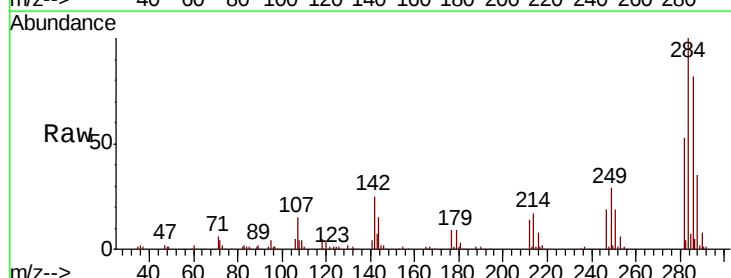
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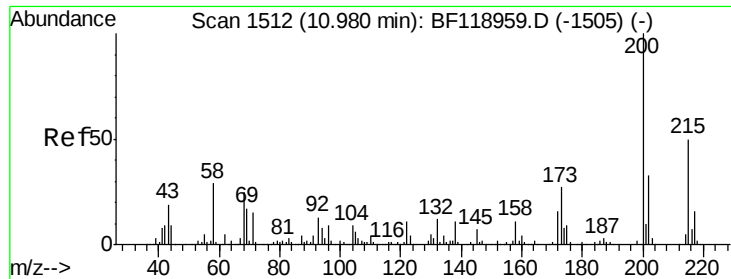
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#68
Hexachlorobenzene
Concen: 39.934 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	23.7	35.5
249	29.4	25.0	37.6





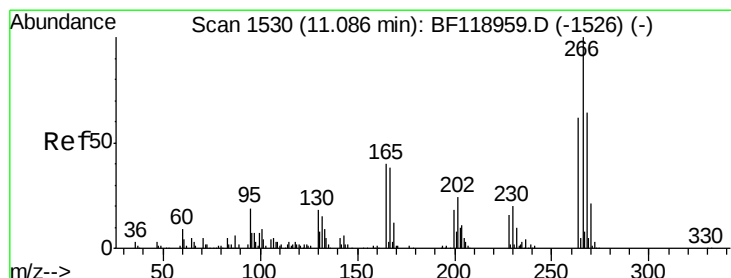
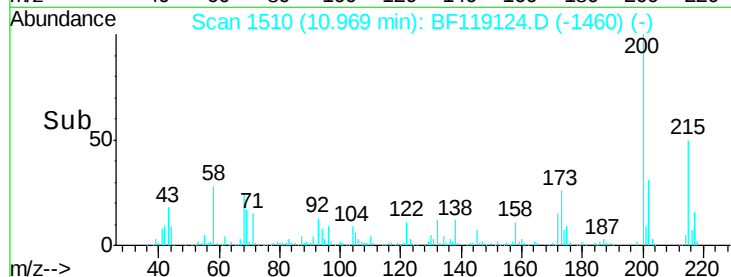
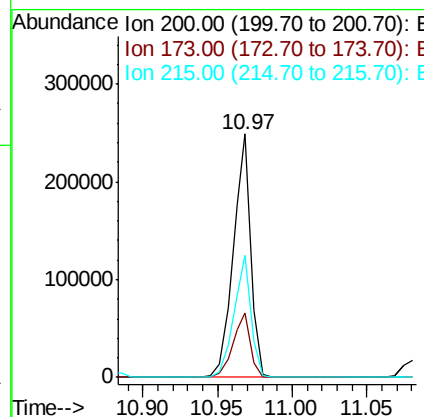
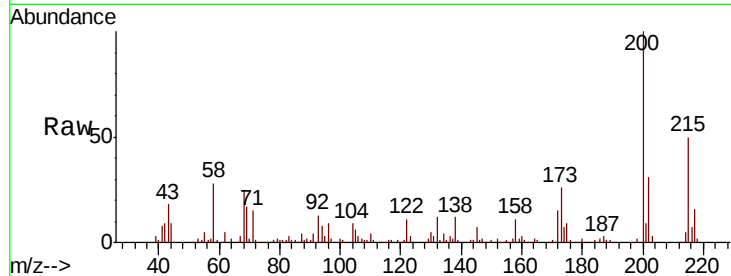
#69
Atrazine
Concen: 36.770 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	6.4	46.4
215	50.3	27.4	67.4

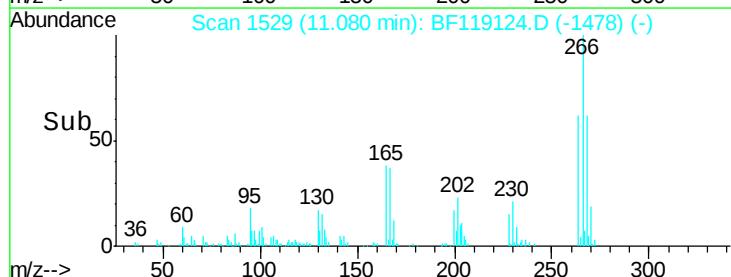
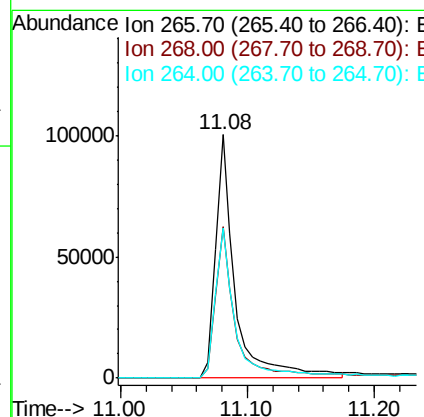
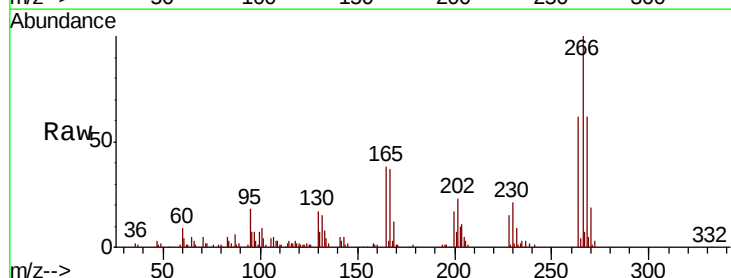
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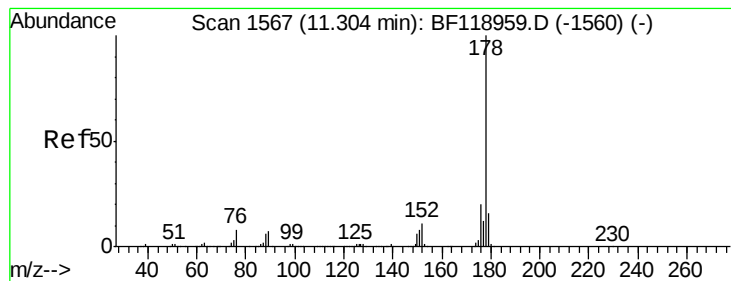
mohammad
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#70
Pentachlorophenol
Concen: 37.025 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	51.9	77.9
264	61.6	51.0	76.4





#71

Phenanthrene

Concen: 40.162 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1080240

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

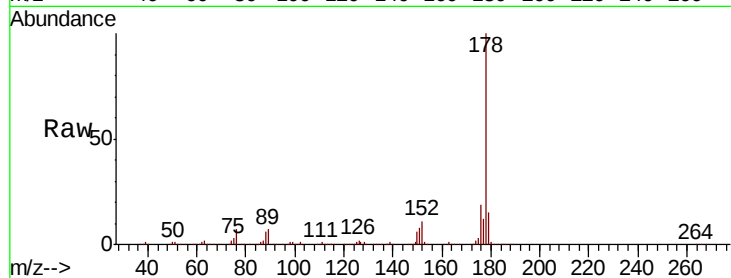
179 15.3 13.0 19.6

Manual Integrations

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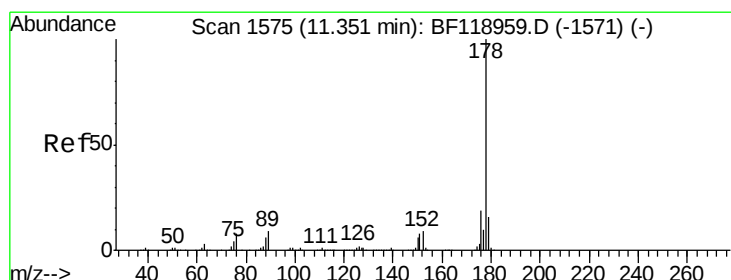
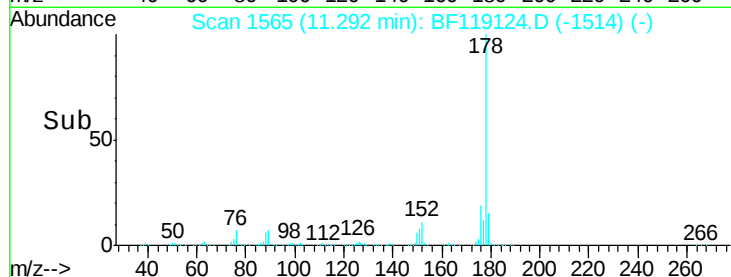
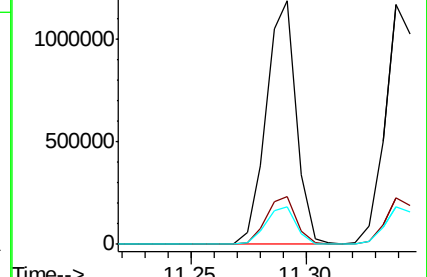
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.434 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:178 Resp: 1086662

Ion Ratio Lower Upper

178 100

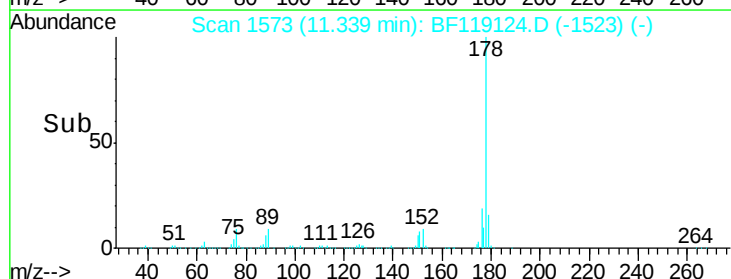
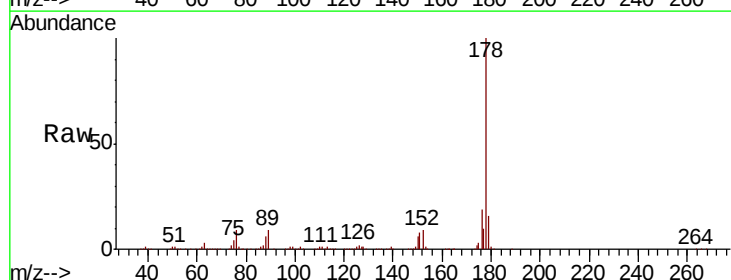
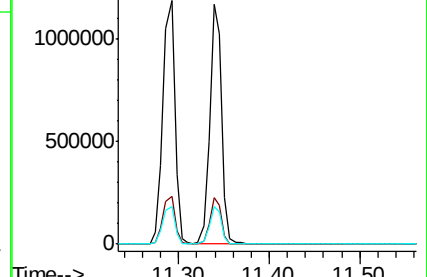
176 19.2 16.0 24.0

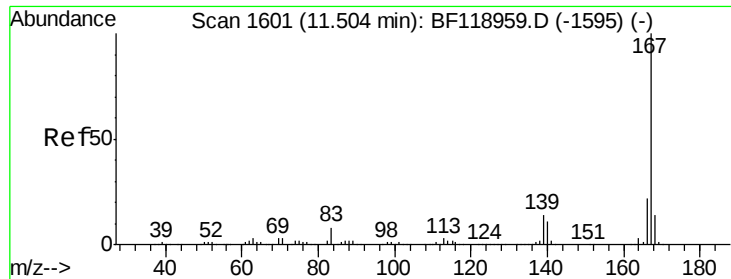
179 15.9 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





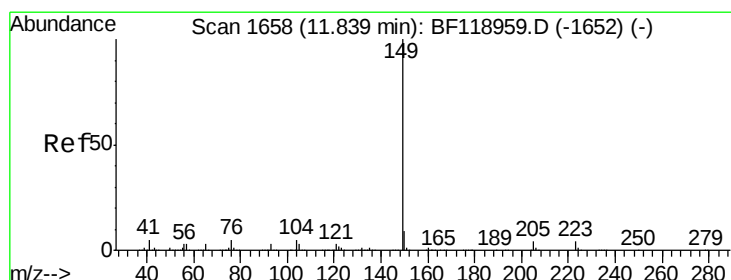
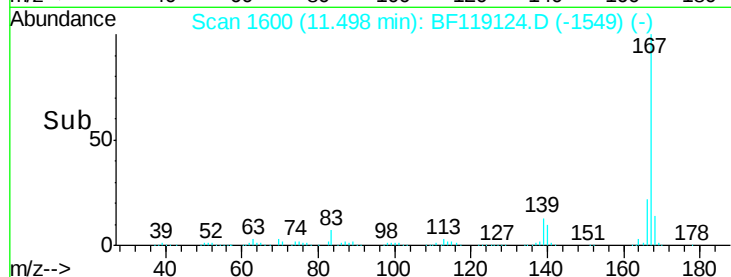
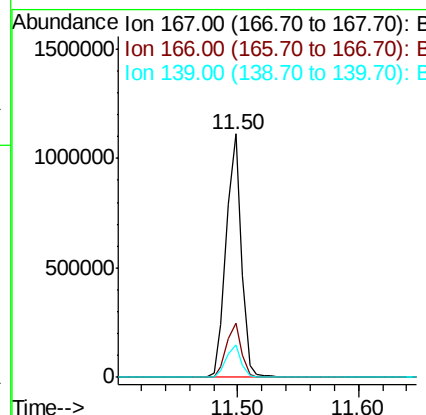
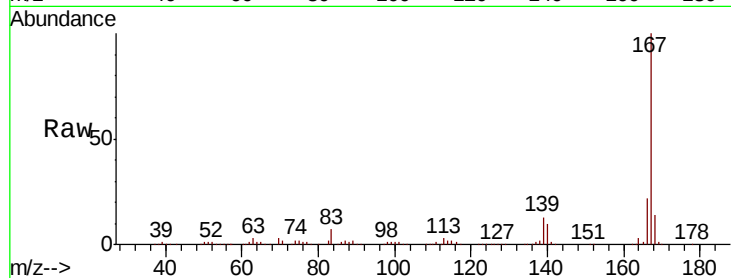
#73
 Carbazole
 Concen: 40.423 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.7	17.5

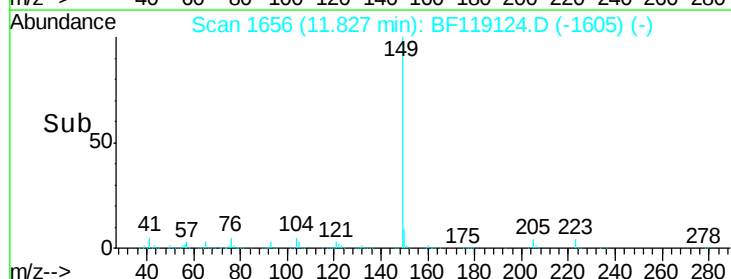
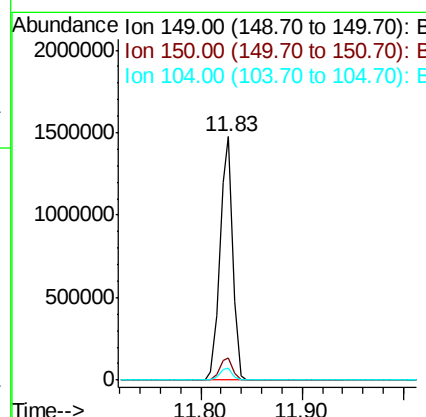
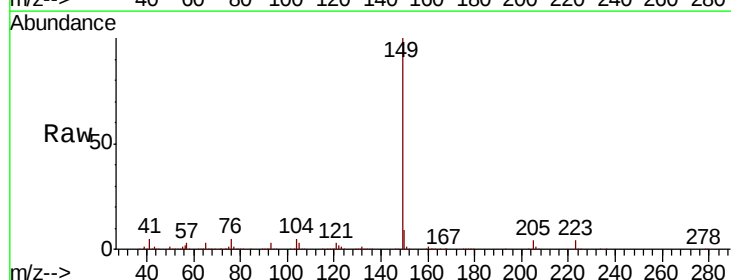
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#74
 Di-n-butylphthalate
 Concen: 44.221 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.0	4.6	6.8





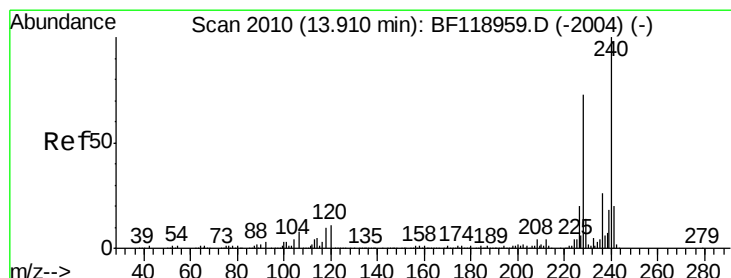
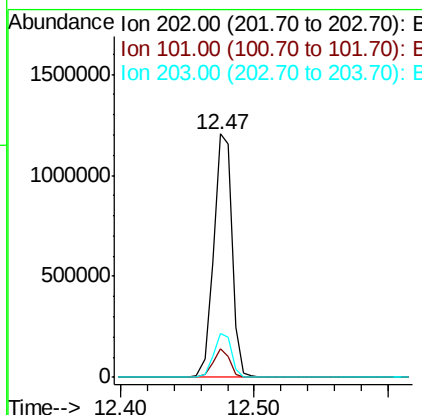
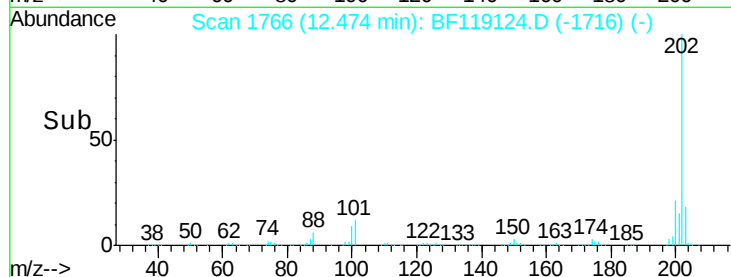
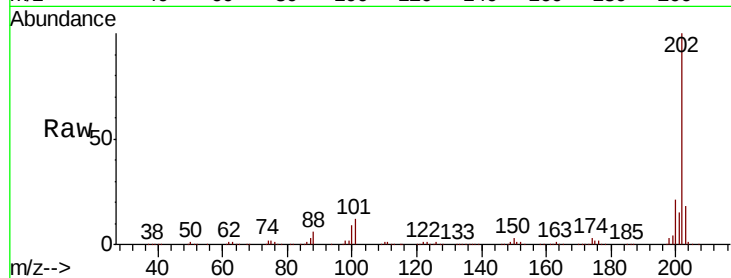
#75
 Fluoranthene
 Concen: 41.168 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
203	18.0	0.0	38.4

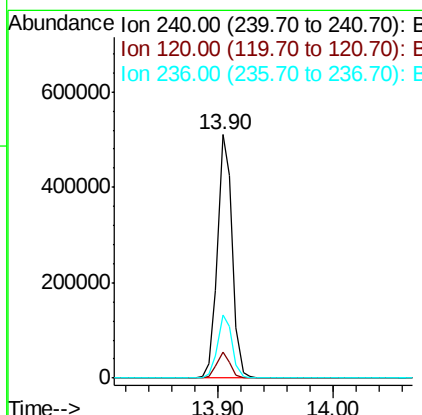
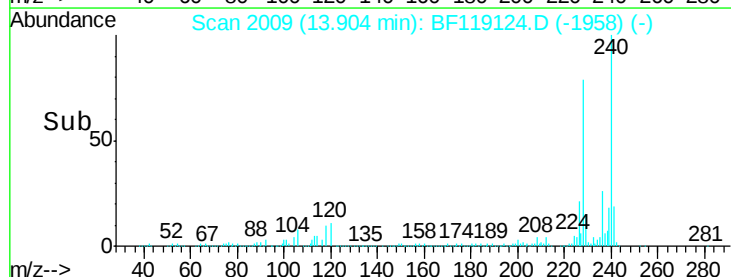
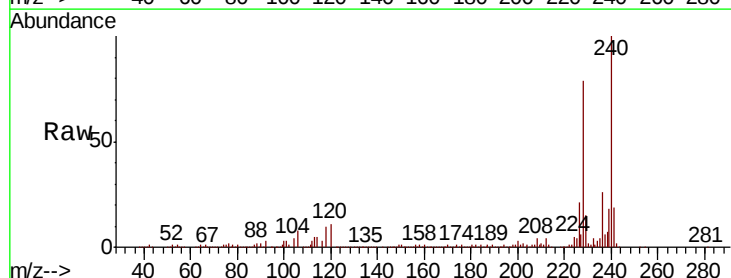
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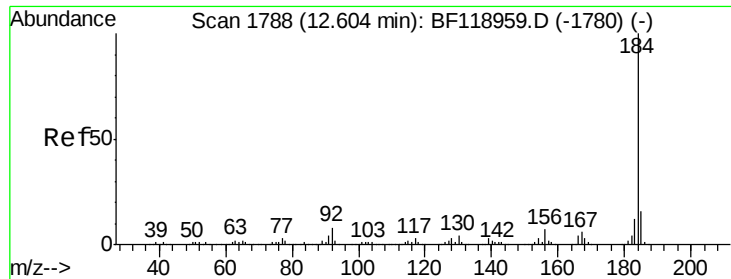
mohammad
 2/28/2020 2:41:48 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.0	21.0	31.4





#77

Benzidine

Concen: 37.261 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 684419

Ion Ratio Lower Upper

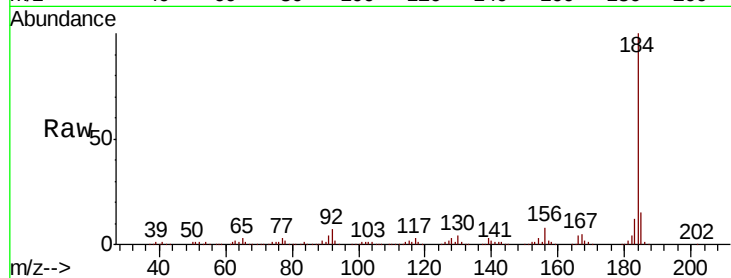
184 100

185 14.7 12.2 18.4

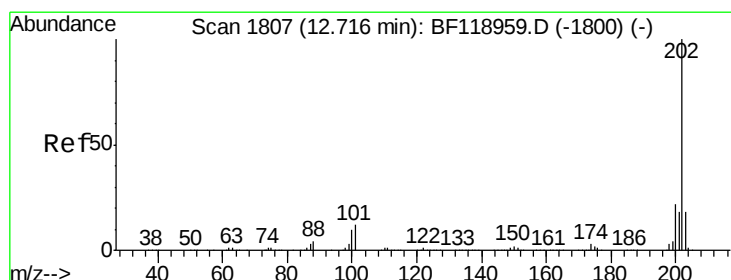
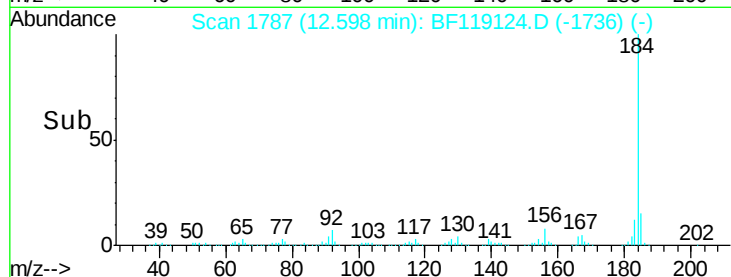
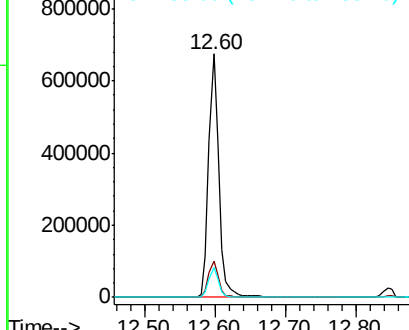
183 12.4 9.9 14.9

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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: 32.936 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

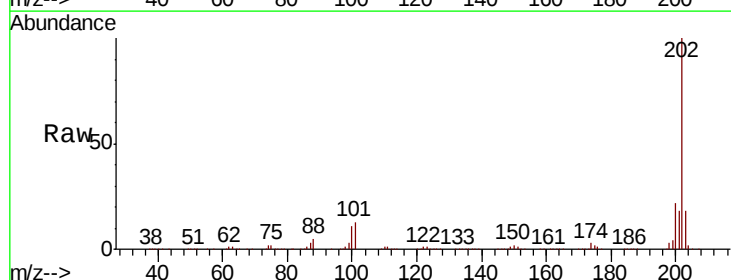
Tgt Ion:202 Resp: 1194505

Ion Ratio Lower Upper

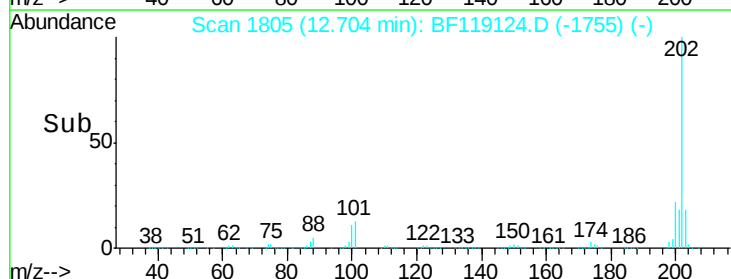
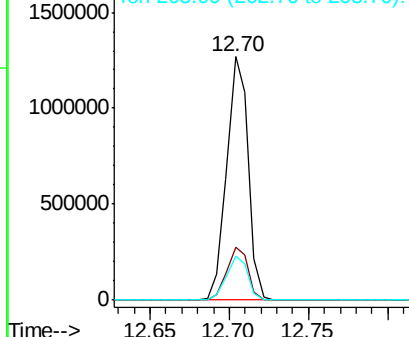
202 100

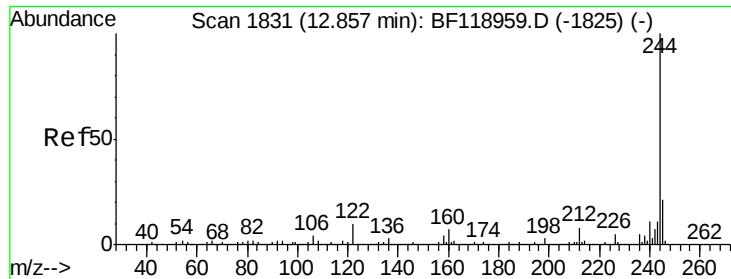
200 21.7 18.0 27.0

203 18.2 14.6 22.0



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





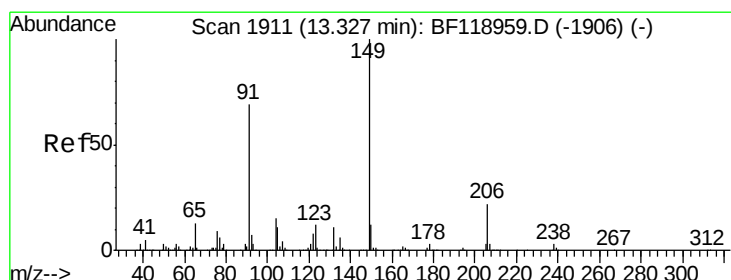
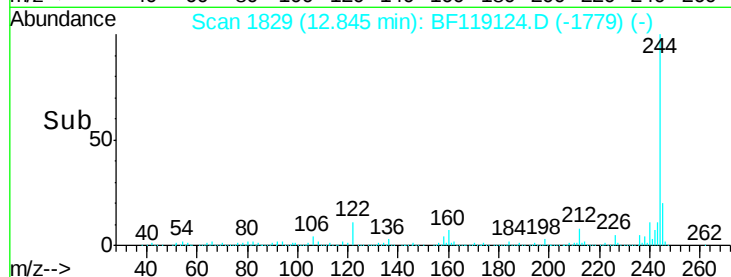
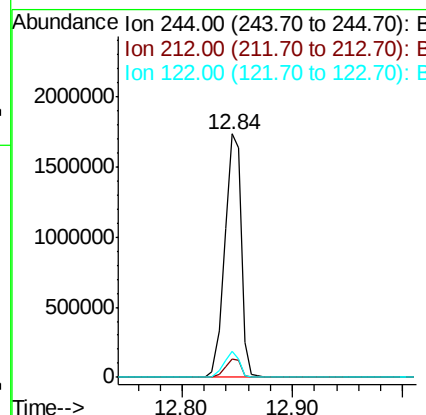
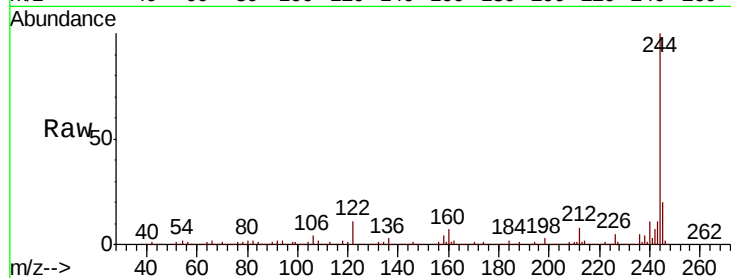
#79
 Terphenyl-d14
 Concen: 68.795 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.6	8.2	12.2

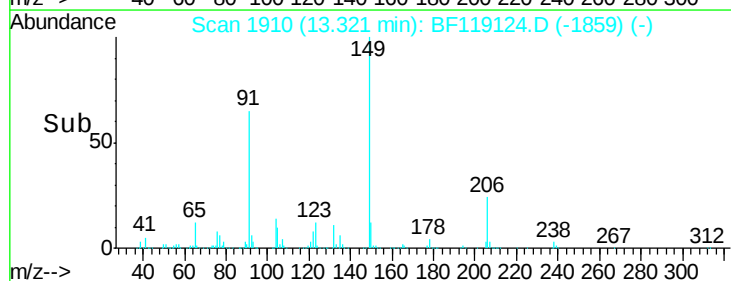
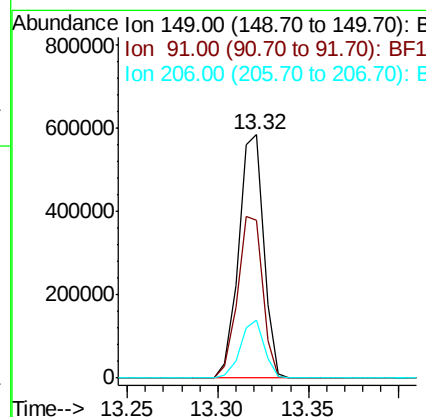
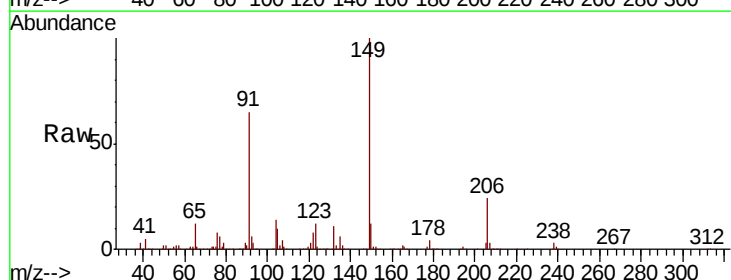
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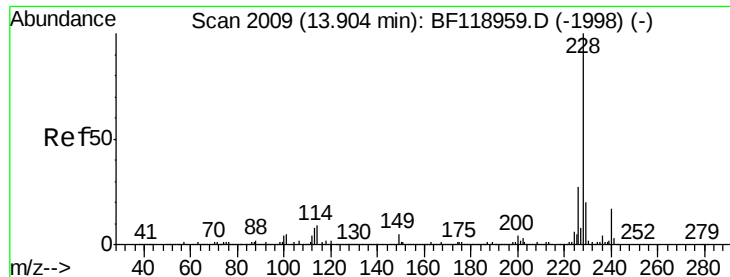
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.781 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.8	52.3	78.5
206	23.9	18.5	27.7





#81

Benzo(a)anthracene

Concen: 40.090 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

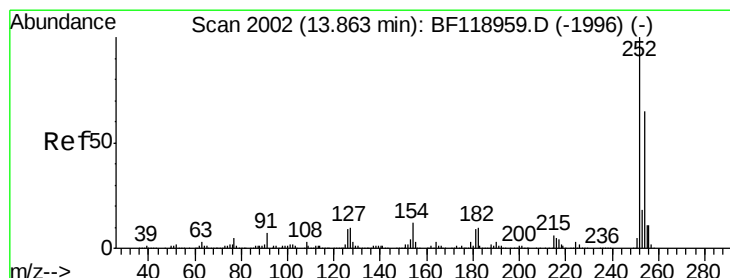
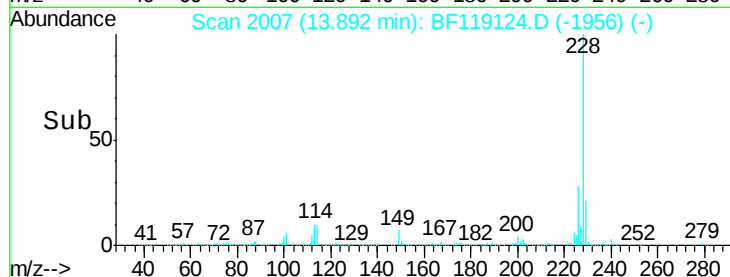
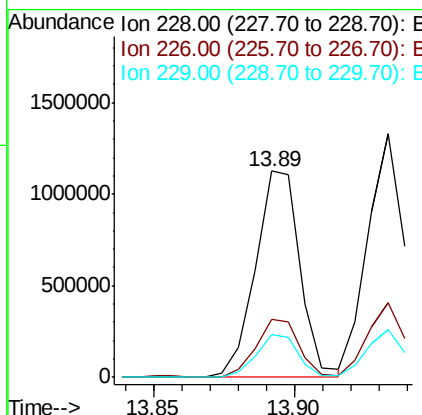
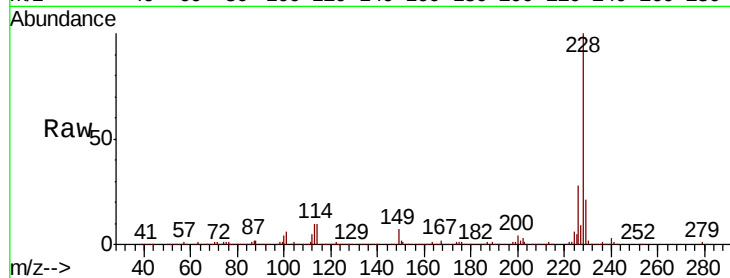
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1233717
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.6	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.531 ng

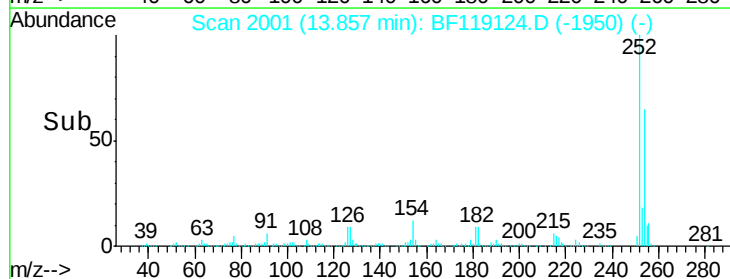
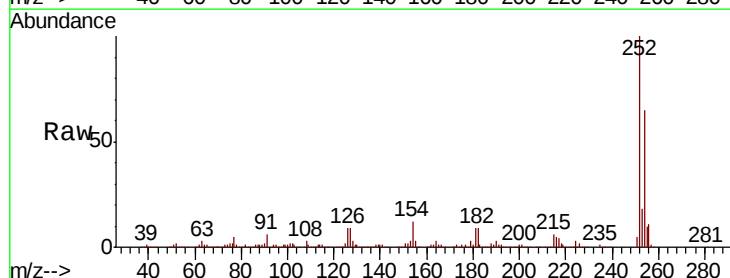
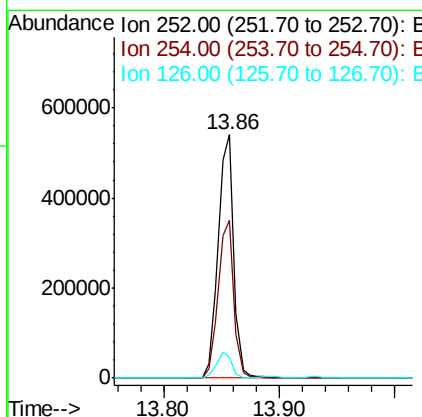
RT: 13.86 min Scan# 2001

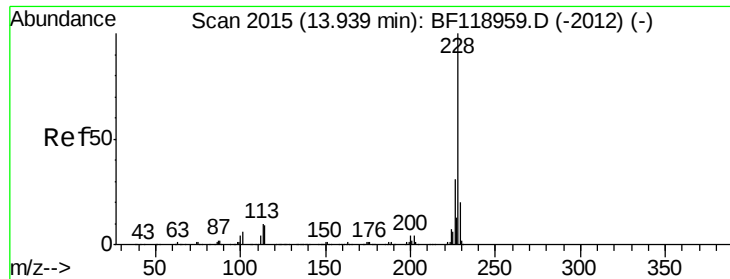
Delta R.T. -0.00 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:	252	Resp:	508231
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.6	77.4
126	8.5	7.4	11.0





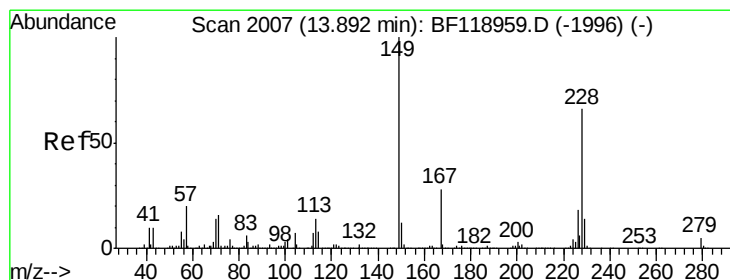
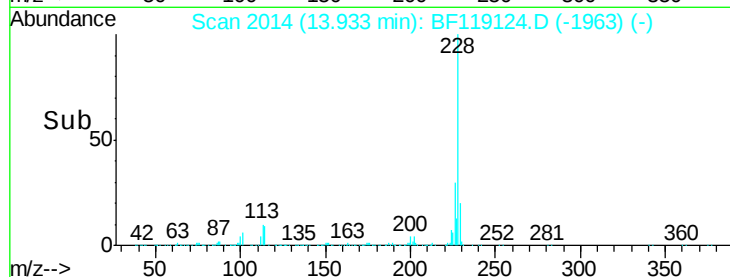
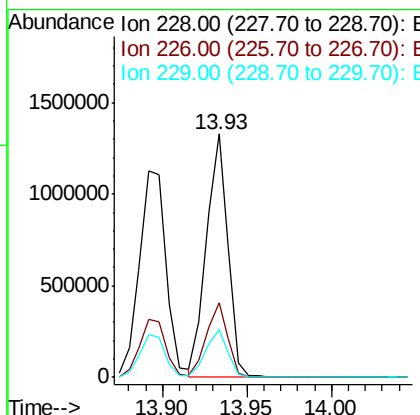
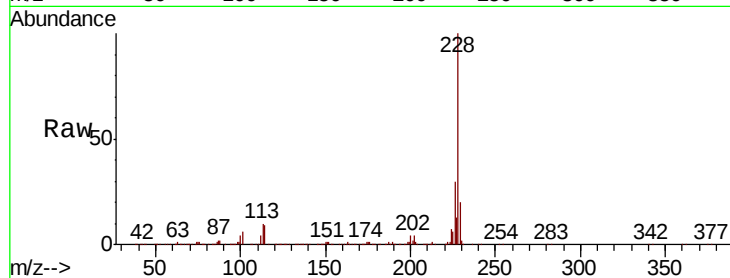
#83
 Chrvsene
 Concen: 38.666 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	19.8	16.3	24.5

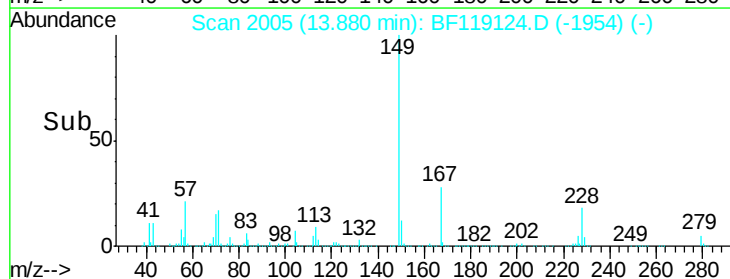
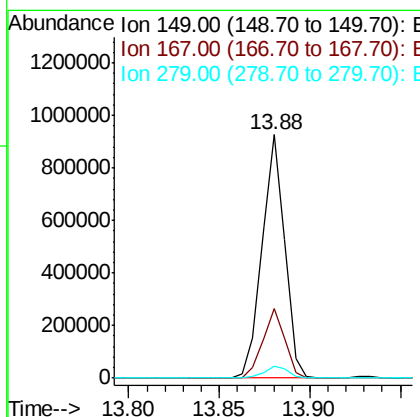
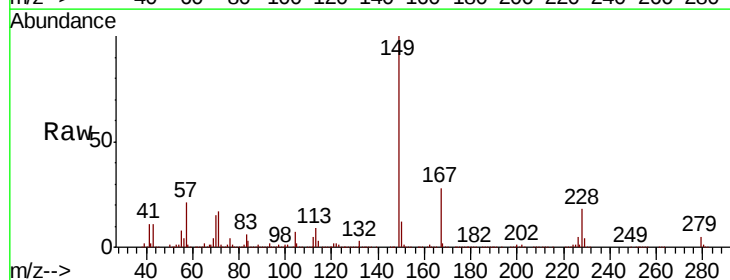
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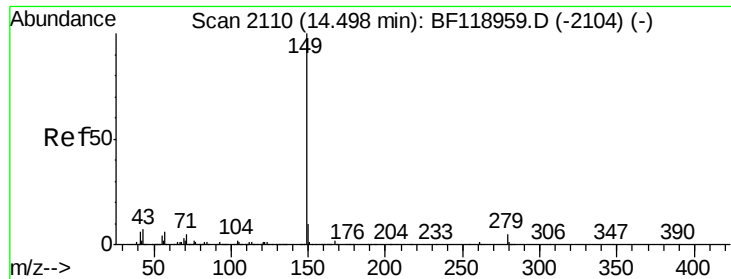
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.929 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119124.D
 Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.1	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 46.221 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1420107

Ion Ratio Lower Upper

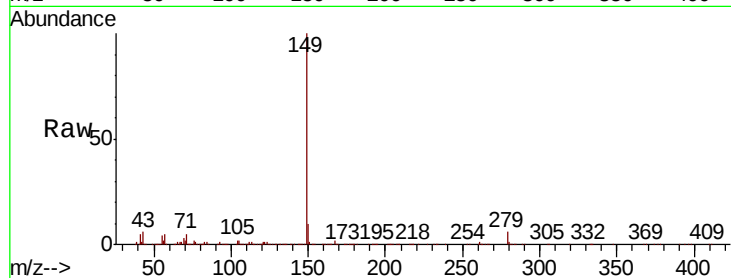
149 100

167 1.7 1.3 1.9

43 6.7 5.7 8.5

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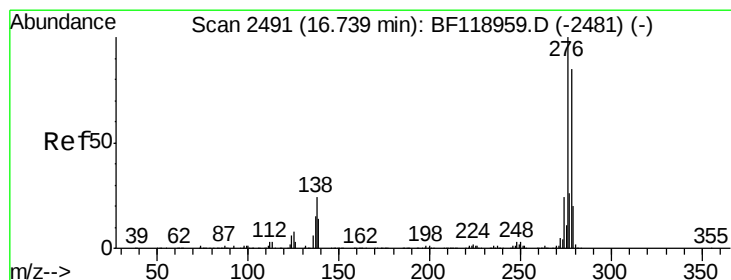
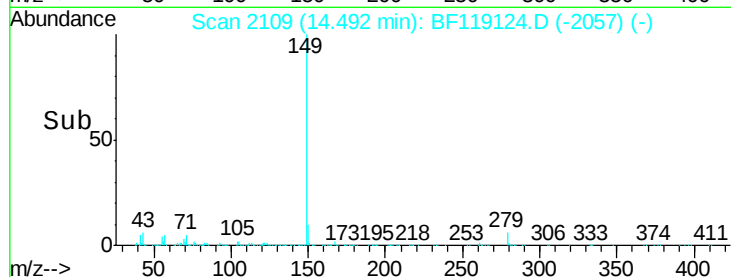
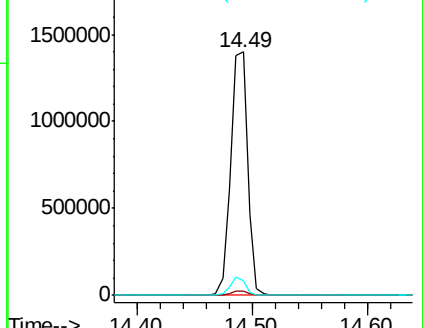
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.916 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

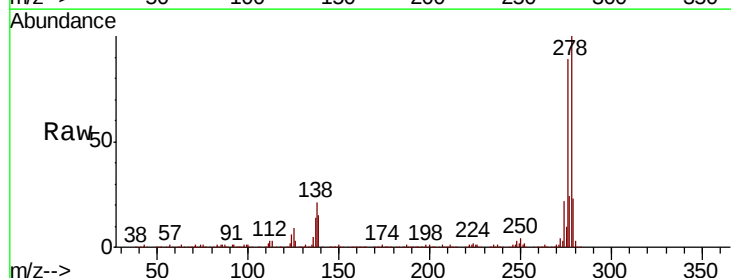
Tgt Ion:276 Resp: 1452369

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

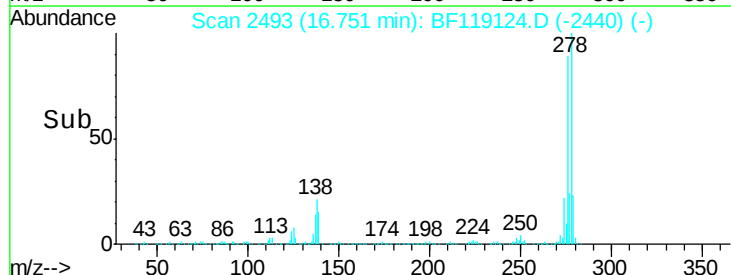
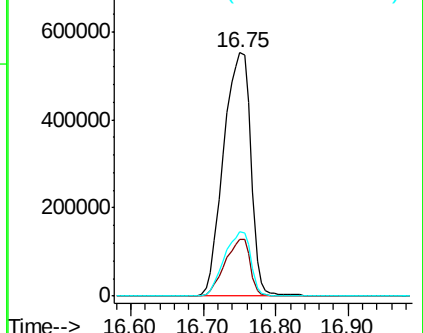
277 25.6 20.3 30.5

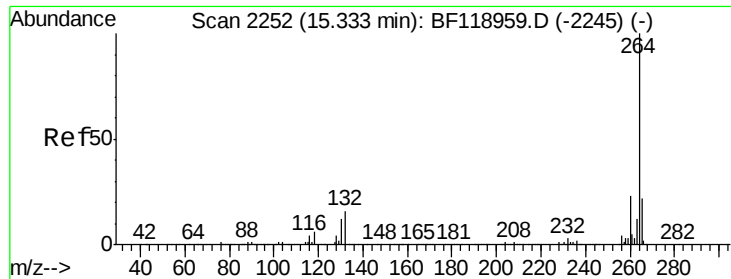


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





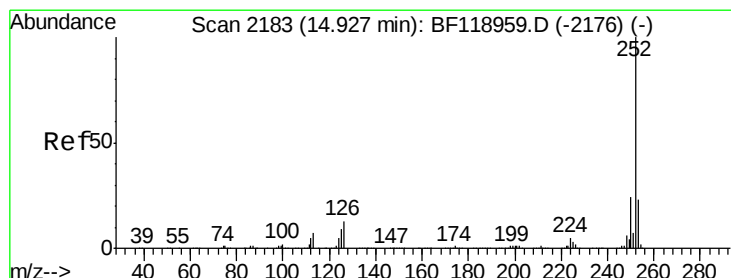
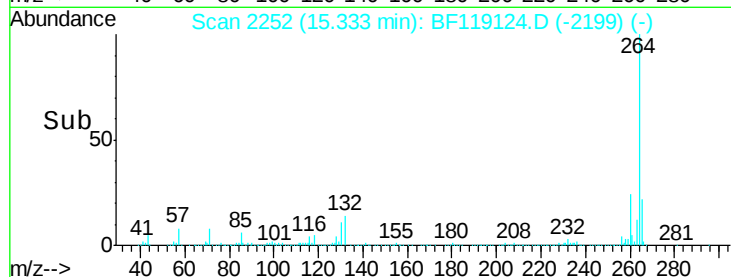
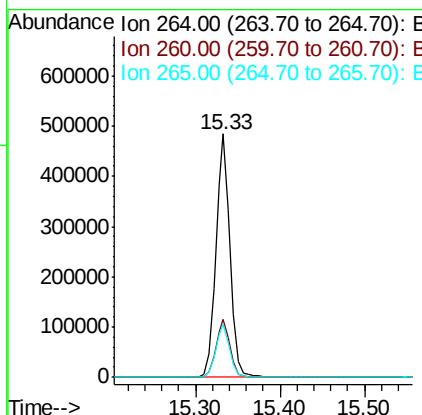
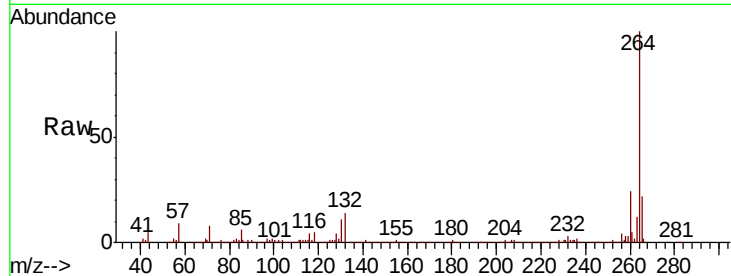
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.7	26.5

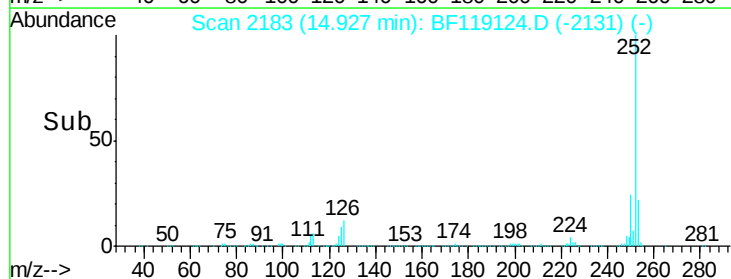
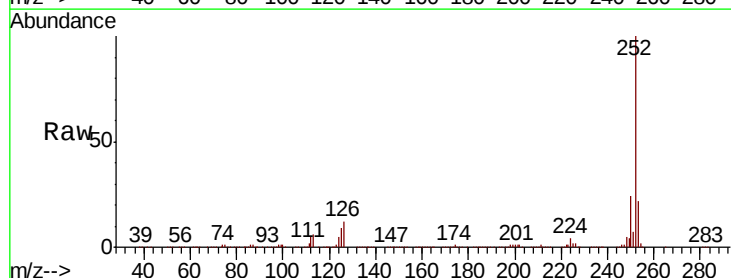
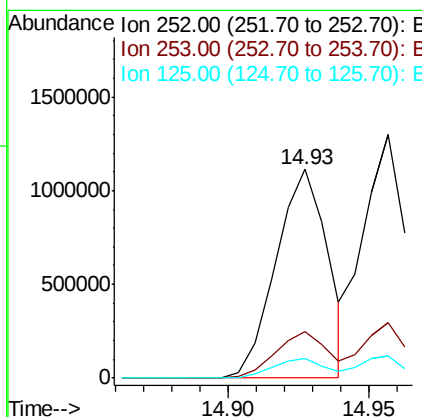
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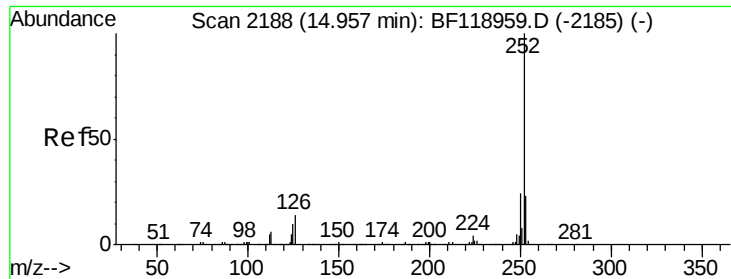
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.495 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.2	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 38.660 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Instrument :

BNA_F

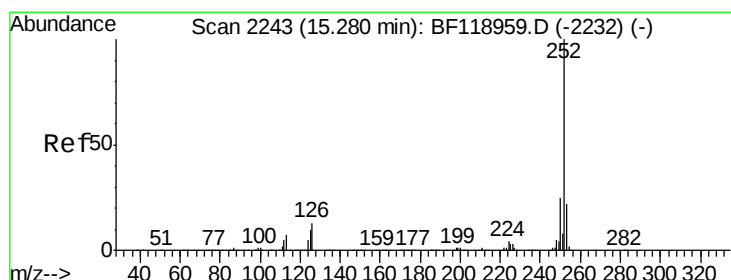
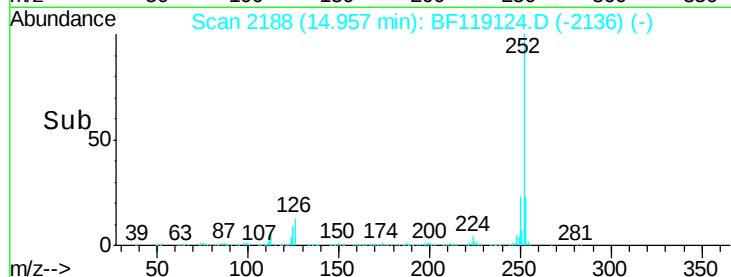
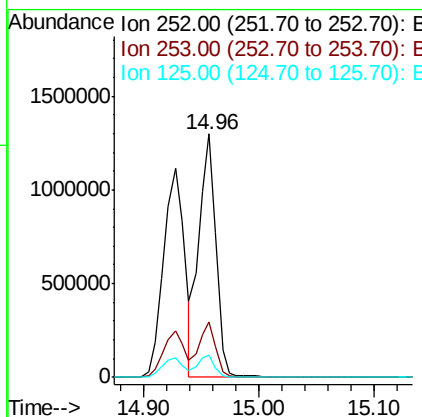
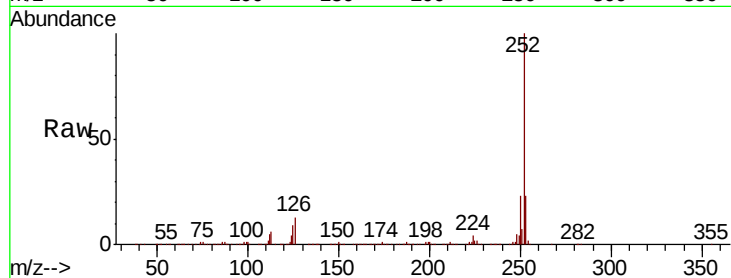
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1352949
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.0	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 38.838 ng

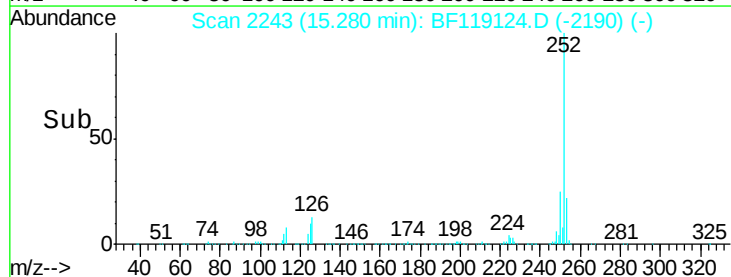
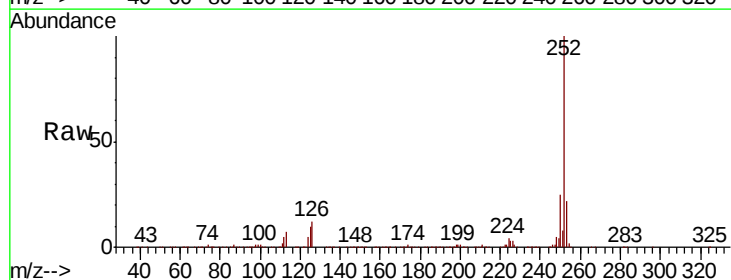
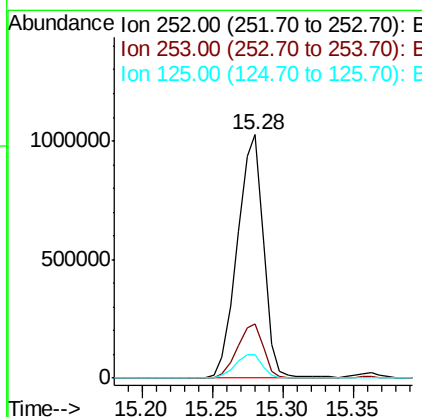
RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF119124.D

Acq: 27 Feb 2020 22:35

Tgt Ion:	252	Resp:	1323676
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.5	8.6	12.8





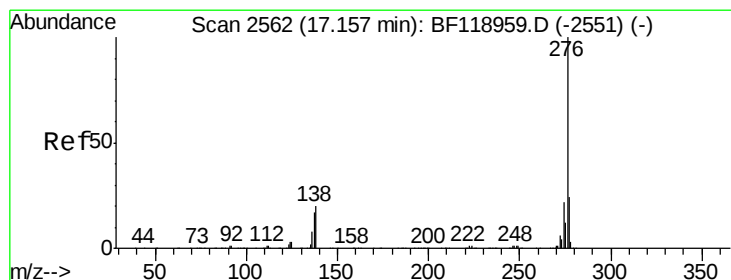
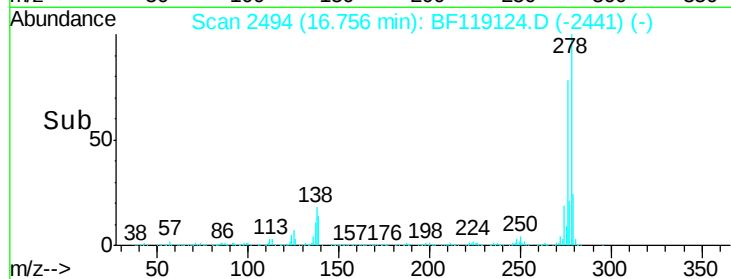
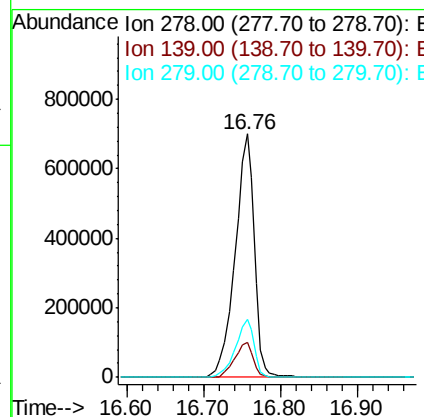
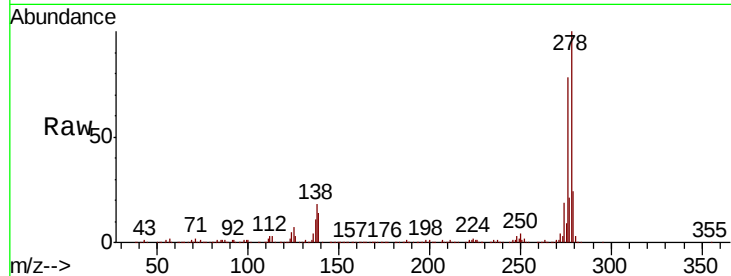
#91
Dibenzo(a,h)anthracene
Concen: 40.767 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
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2/28/2020 2:41:48 PM



#92
Benzo(g,h,i)perylene
Concen: 37.263 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119124.D
Acq: 27 Feb 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.7	28.1
138	19.2	14.3	21.5

