

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118309.D
 Acq On : 26 Dec 2019 11:32
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/27/2019 3:18:55 PM

Quant Time: Dec 27 07:04:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	163409	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	631468	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	335434	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	617140	20.00	ng	0.00
76) Chrysene-d12	14.04	240	415441	20.00	ng	0.00
87) Perylene-d12	15.53	264	359291	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	738378	77.13	ng	0.00
7) Phenol-d6	6.49	99	908185	76.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	835501	75.68	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	311361	75.17	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1692402	77.02	ng	0.00
79) Terphenyl-d14	12.98	244	1909940	76.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	145594	38.258	ng	99
3) Pyridine	3.34	79	396371	39.093	ng	97
4) n-Nitrosodimethylamine	3.30	42	163741	39.060	ng	99
6) Aniline	6.52	93	574084	38.070	ng	98
8) 2-Chlorophenol	6.64	128	411491	37.953	ng	99
9) Benzaldehyde	6.40	77	247748	35.583	ng	98
10) Phenol	6.50	94	504803	37.820	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	361620	37.883	ng	99
12) 1,3-Dichlorobenzene	6.79	146	478210	38.298	ng	99
13) 1,4-Dichlorobenzene	6.87	146	486927	38.392	ng	97
14) 1,2-Dichlorobenzene	7.02	146	460301	38.441	ng	99
15) Benzyl Alcohol	7.00	79	344312	38.080	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383573	37.657	ng	100
17) 2-Methylphenol	7.11	107	331632	38.136	ng	99
18) Hexachloroethane	7.36	117	179487	38.559	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	272640	37.268	ng	98
20) 3+4-Methylphenols	7.26	107	423274	38.031	ng	99
22) Acetophenone	7.27	105	589128	38.066	ng	99
24) Nitrobenzene	7.44	77	416350	37.646	ng	99
25) Isophorone	7.68	82	722498	37.549	ng	99
26) 2-Nitrophenol	7.76	139	222236	37.937	ng	99
27) 2,4-Dimethylphenol	7.79	122	298413	37.336	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	471842	37.496	ng	100
29) 2,4-Dichlorophenol	8.00	162	344246	37.420	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	406345	37.918	ng	97
31) Naphthalene	8.16	128	1228489	38.276	ng	100
32) Benzoic acid	7.93	122	208416m	32.905	ng	
33) 4-Chloroaniline	8.21	127	519458	37.754	ng	100
34) Hexachlorobutadiene	8.27	225	246007	38.565	ng	99
35) Caprolactam	8.59	113	107519	37.436	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	366462	37.103	ng	99
37) 2-Methylnaphthalene	8.86	142	825536	37.568	ng	99
38) 1-Methylnaphthalene	8.96	142	777559	37.558	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	385196	38.220	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	125240	35.215	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	255775	37.988	nq	98
44) 2,4,5-Trichlorophenol	9.18	196	258103	37.264	nq	97
46) 1,1'-Biphenyl	9.32	154	1011942	38.142	nq	100
47) 2-Chloronaphthalene	9.35	162	817605	38.290	nq	99
48) 2-Nitroaniline	9.45	65	228904	37.953	nq	99
49) Acenaphthylene	9.76	152	1207978	38.144	nq	99
50) Dimethylphthalate	9.62	163	931436	36.993	nq	99
51) 2,6-Dinitrotoluene	9.69	165	205011	37.766	nq	100
52) Acenaphthene	9.93	154	739526	38.338	nq	98
53) 3-Nitroaniline	9.86	138	240326	37.720	nq	88
54) 2,4-Dinitrophenol	9.97	184	81499	33.031	nq	95
55) Dibenzofuran	10.11	168	1077338	37.798	nq	99
56) 4-Nitrophenol	10.02	139	147386	37.472	nq	95
57) 2,4-Dinitrotoluene	10.09	165	275914	38.039	nq	90
58) Fluorene	10.45	166	869570	37.793	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	214266	36.408	nq	95
60) Diethylphthalate	10.32	149	933340	37.469	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	430532	37.484	nq	98
62) 4-Nitroaniline	10.47	138	249094	37.634	nq	98
63) Azobenzene	10.60	77	796950	37.352	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	119202	35.805	nq	99
66) n-Nitrosodiphenylamine	10.56	169	752523	38.046	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	271134	37.541	nq	98
68) Hexachlorobenzene	11.00	284	321337	37.799	nq	98
69) Atrazine	11.09	200	229165	37.540	nq	96
70) Pentachlorophenol	11.20	266	142478	38.698	nq	99
71) Phenanthrene	11.42	178	1271297	37.788	nq	100
72) Anthracene	11.47	178	1282367	38.081	nq	100
73) Carbazole	11.63	167	1138855	38.113	nq	99
74) Di-n-butylphthalate	11.95	149	1427043	37.665	nq	99
75) Fluoranthene	12.61	202	1274472	37.536	nq	96
77) Benzidine	12.73	184	492668	43.280	nq	99
78) Pyrene	12.84	202	1300709	38.340	nq	99
80) Butylbenzylphthalate	13.46	149	577752	37.823	nq	96
81) Benzo(a)anthracene	14.03	228	1100322	37.838	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	381796	38.723	nq	98
83) Chrysene	14.07	228	1034670	37.159	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	730960	36.392	nq	99
85) Di-n-octyl phthalate	14.63	149	1058935	35.841	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	849355	35.800	nq	100
88) Benzo(b)fluoranthene	15.10	252	878748	36.845	nq	99
89) Benzo(k)fluoranthene	15.13	252	879119	38.390	nq	99
90) Benzo(a)pyrene	15.47	252	806150	38.370	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	700697	38.432	nq	98
92) Benzo(g,h,i)perylene	17.49	276	673727	38.254	nq	98

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

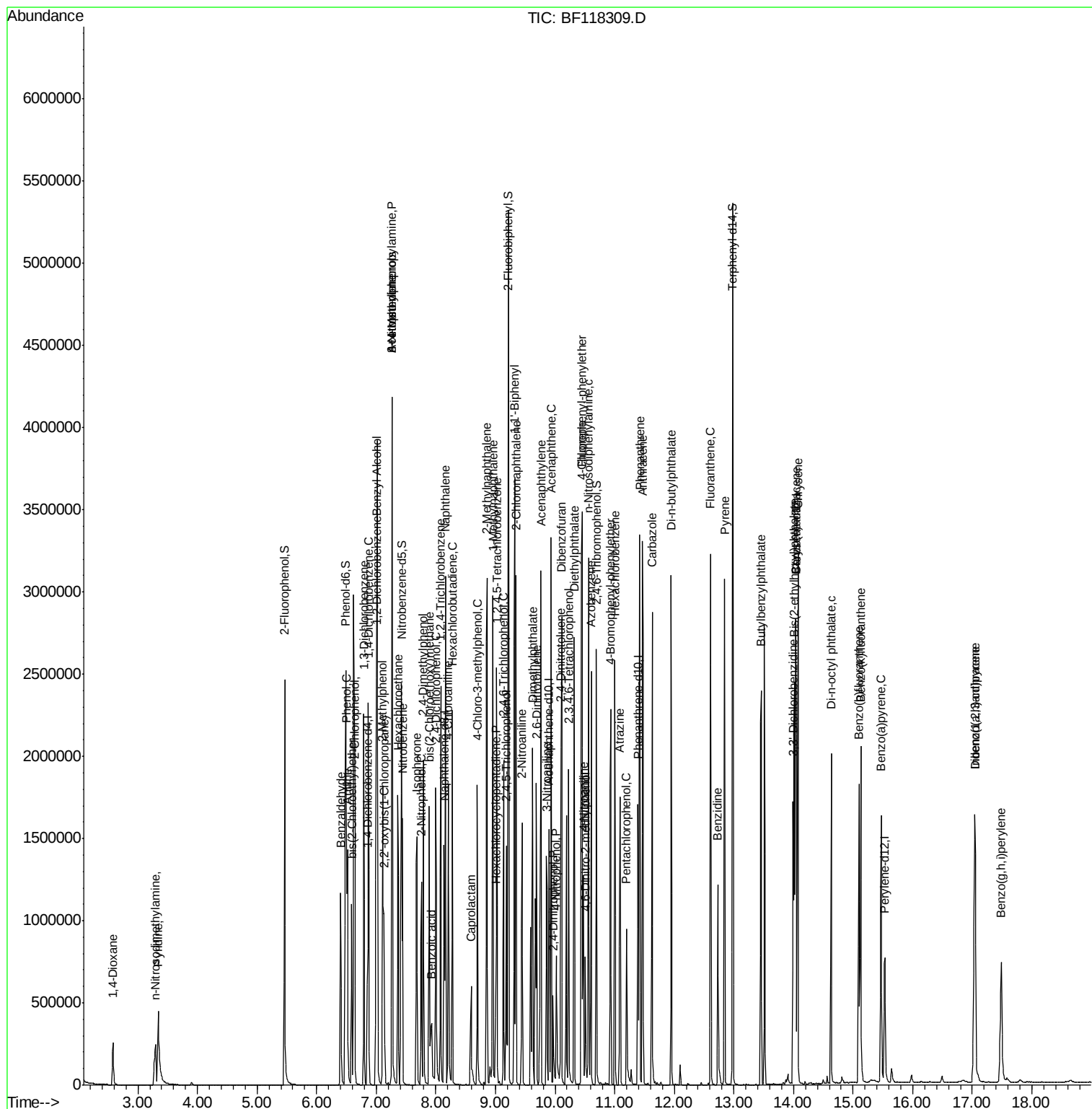
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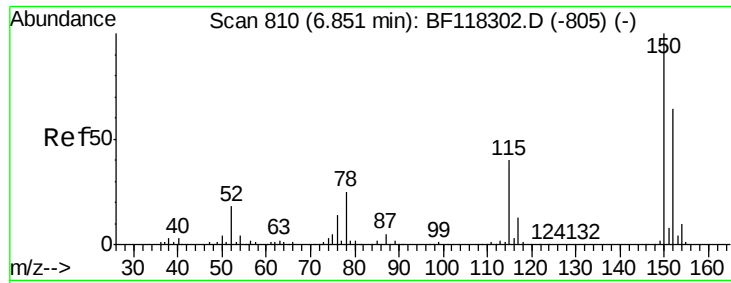
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

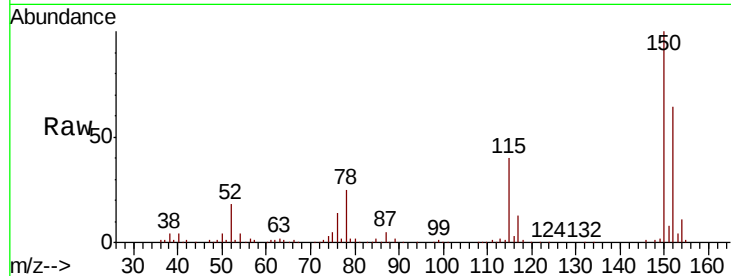
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.4	188.2
115	62.6	50.2	75.4

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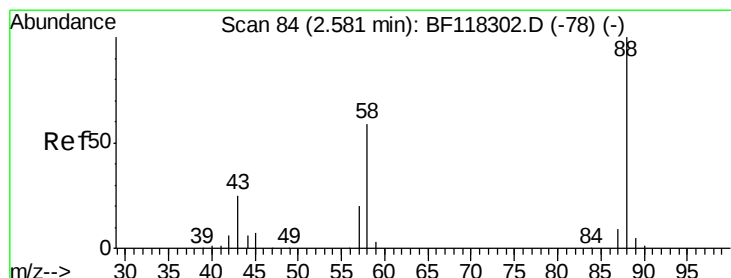
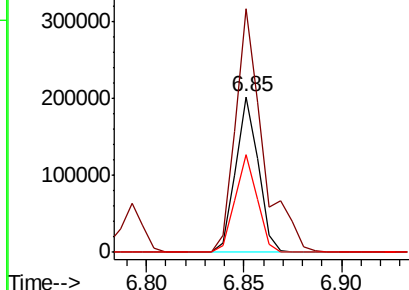
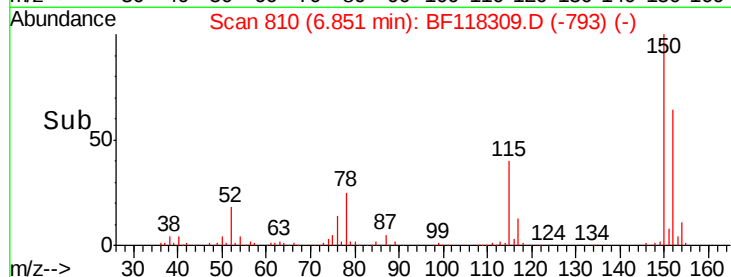


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

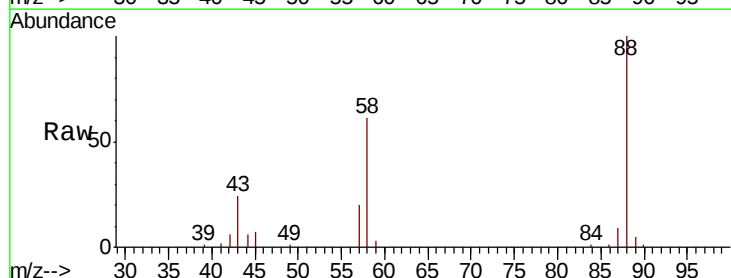
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.258 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	47.6	71.4
43	25.1	20.6	30.8

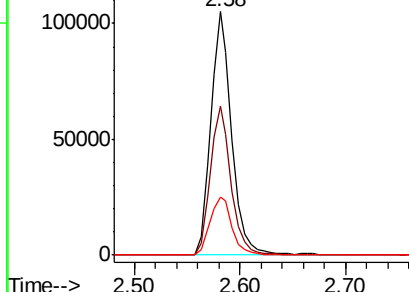
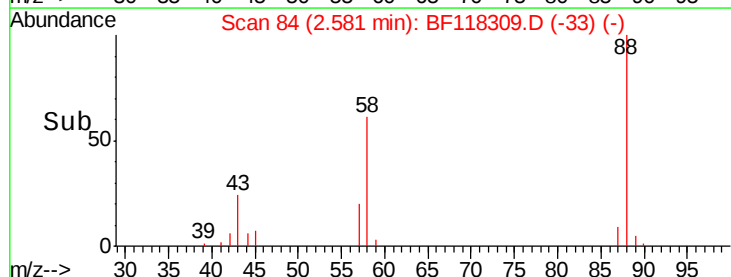


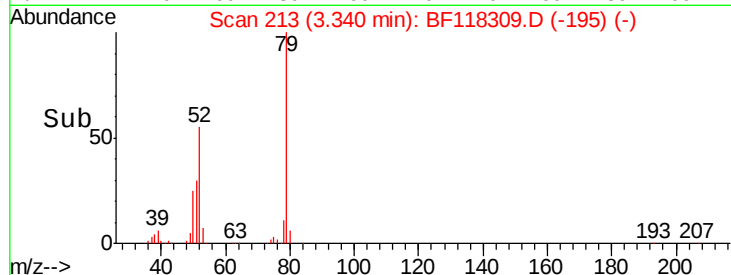
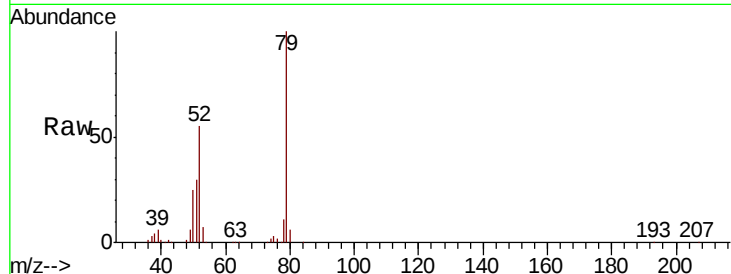
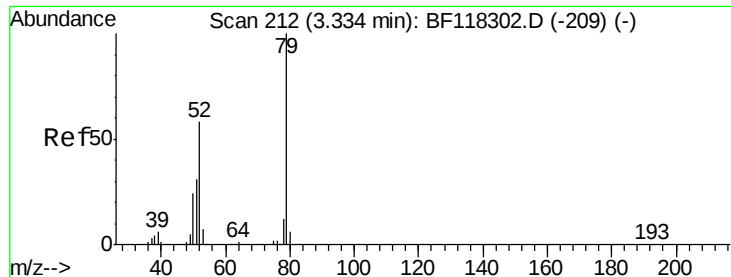
Abundance

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





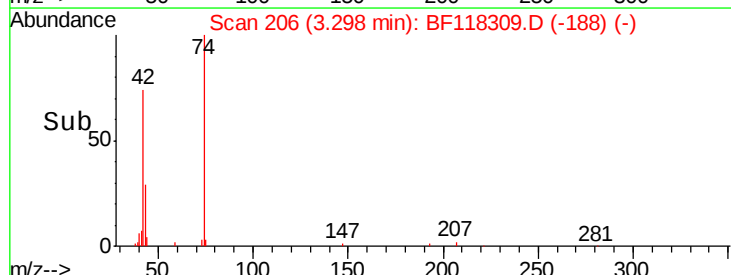
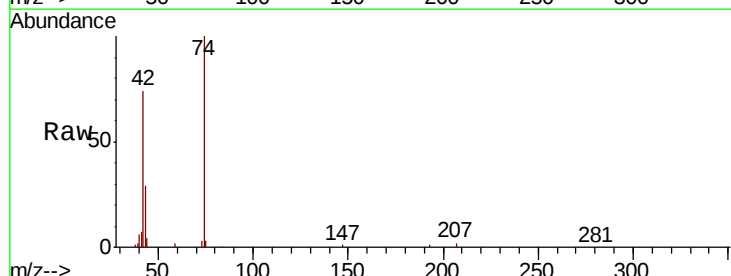
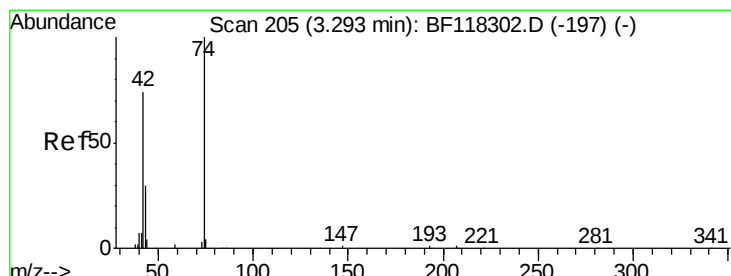
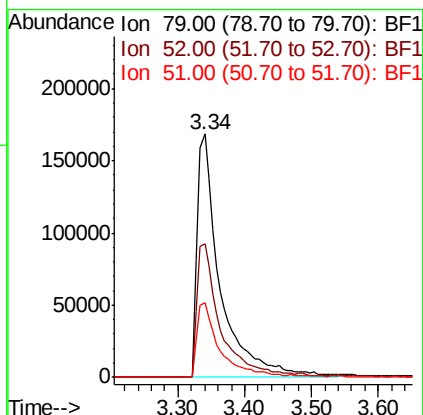
#3
 Pvridine
 Concen: 39.093 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		396371		
52	55.1	46.4	69.6		
51	30.4	24.9	37.3		

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

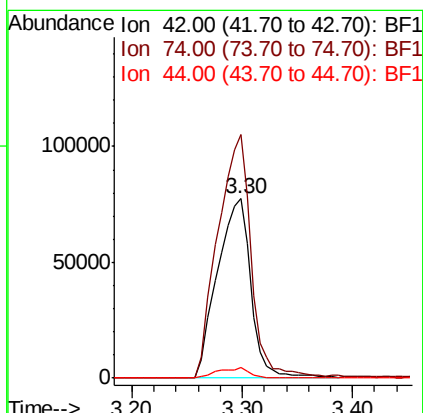
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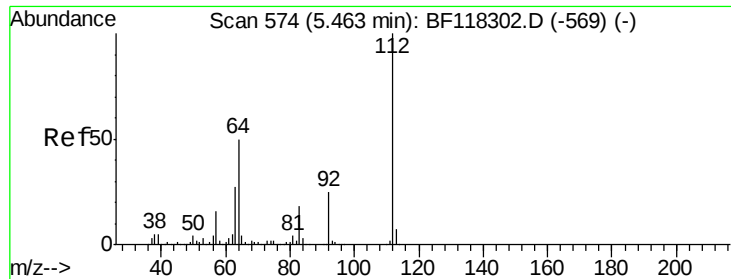
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#4
 n-Nitrosodimethylamine
 Concen: 39.060 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.01 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		163741		
74	135.9	107.7	161.5		
44	5.6	4.8	7.2		





#5

2-Fluorophenol

Concen: 77.132 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

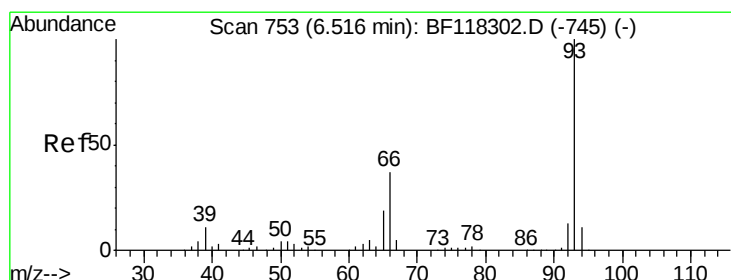
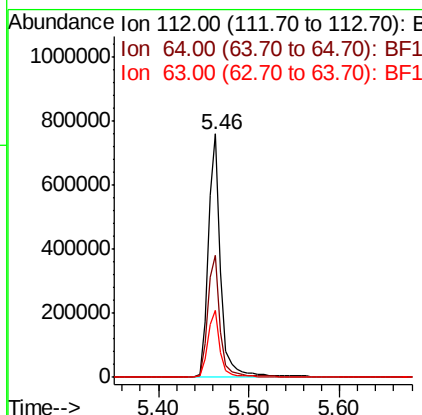
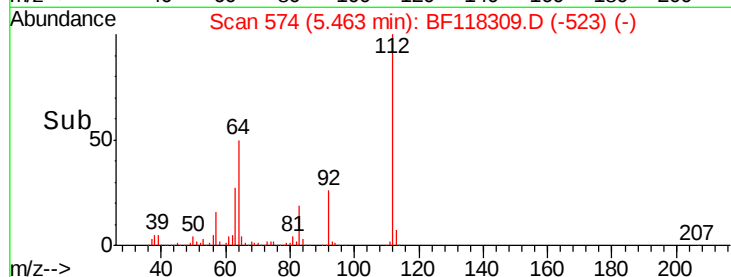
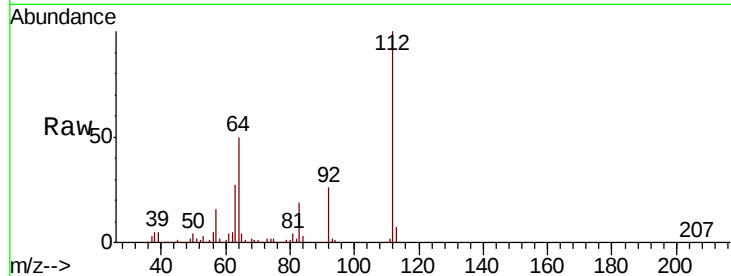
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	738378
Ion Ratio	Lower	Upper	
112	100		
64	50.0	39.7	59.5
63	27.3	21.7	32.5

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#6

Aniline

Concen: 38.070 ng

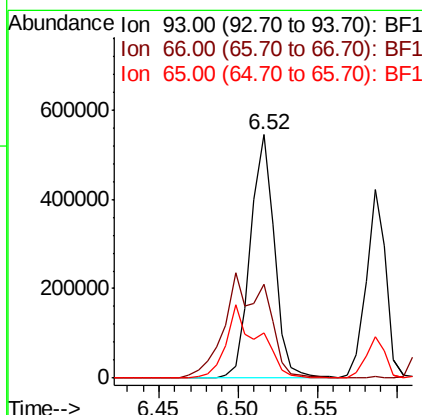
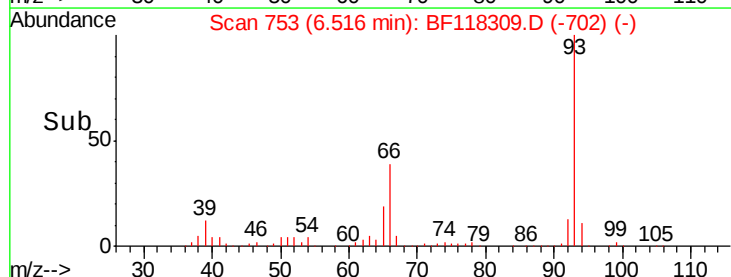
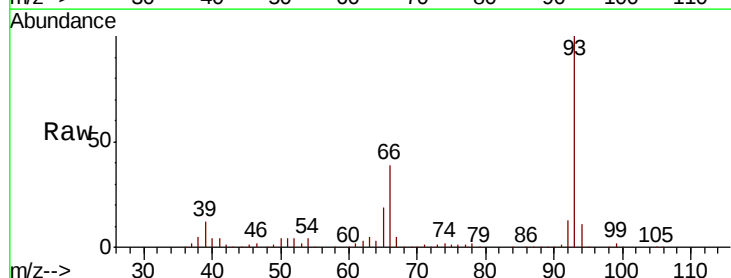
RT: 6.52 min Scan# 753

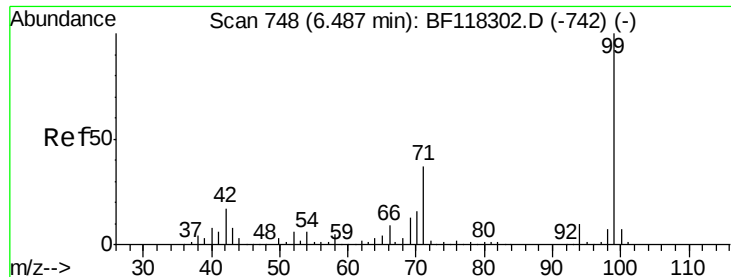
Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Tgt Ion:	93	Resp:	574084
Ion Ratio	Lower	Upper	
93	100		
66	38.8	30.2	45.4
65	18.8	15.7	23.5





#7

Phenol-d6

Concen: 76.476 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118309.D

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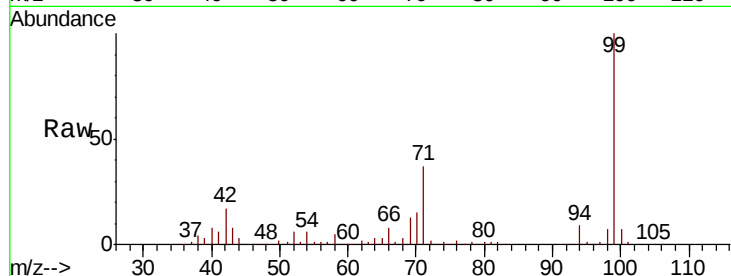
ClientSampleId :

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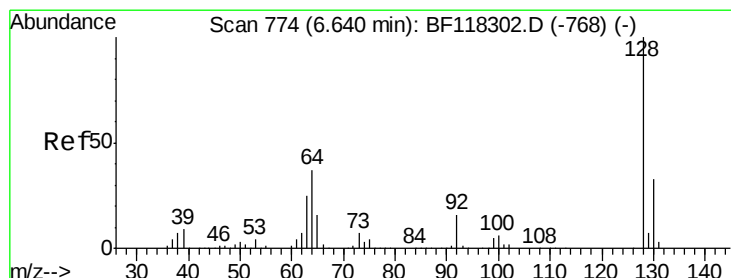
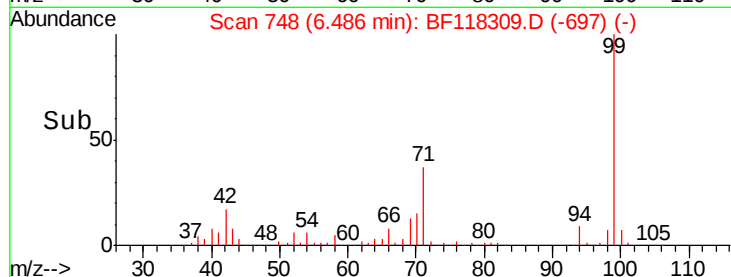
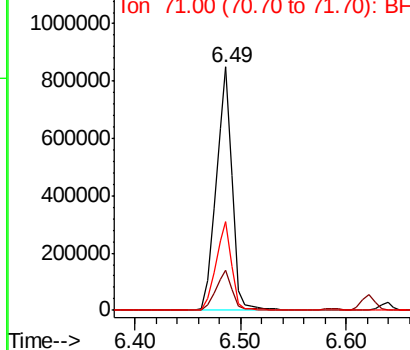
Tot Ion:	99	Resp:	908185
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	36.6	29.4	44.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.953 ng

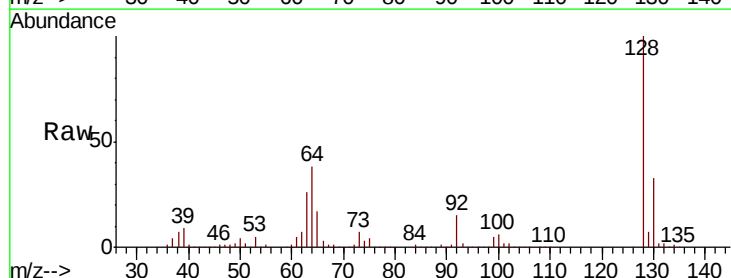
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

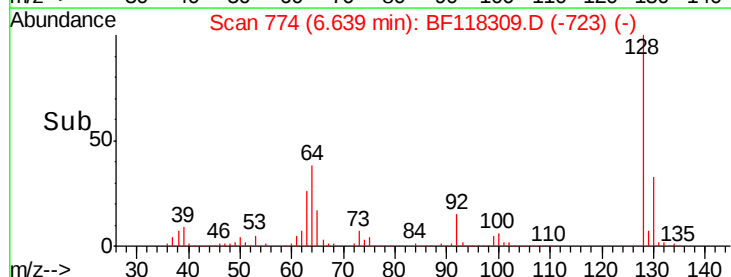
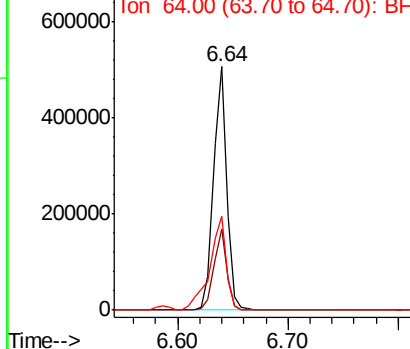
Lab File: BF118309.D

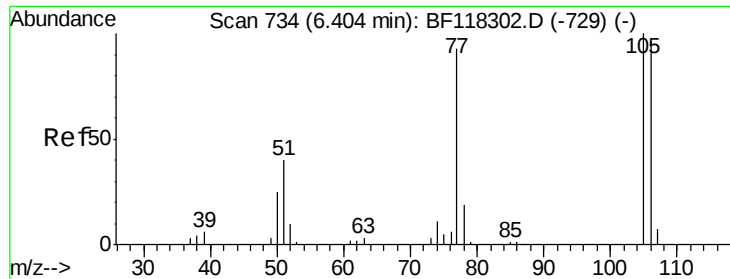
Acq: 26 Dec 2019 11:32

Tgt Ion:	128	Resp:	411491
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.2	53.2
64	38.4	17.7	57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.583 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 247748

Ion Ratio Lower Upper

77 100

105 105.9 87.5 127.5

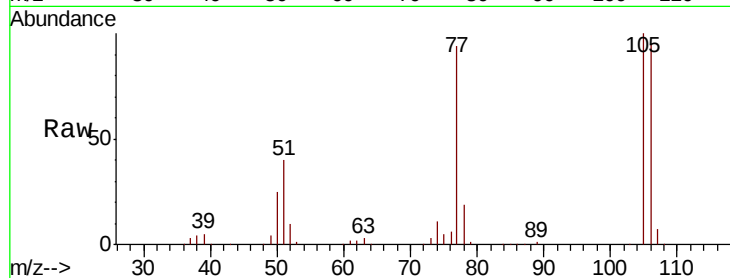
106 100.5 83.6 123.6

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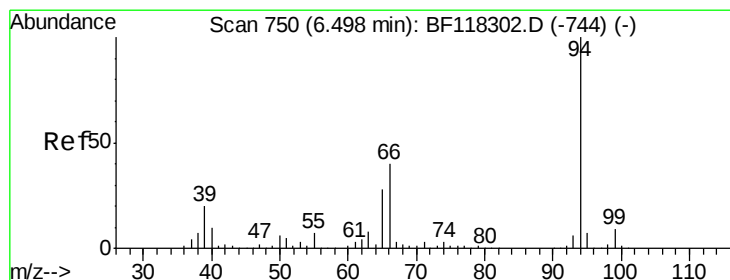
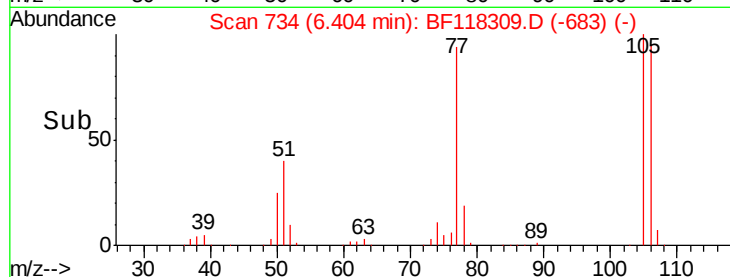
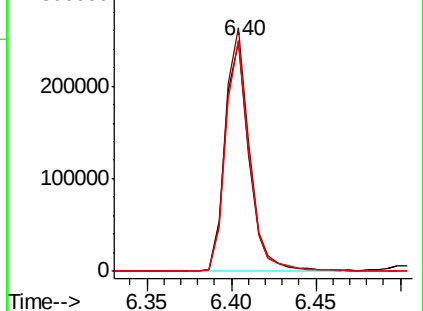
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.820 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

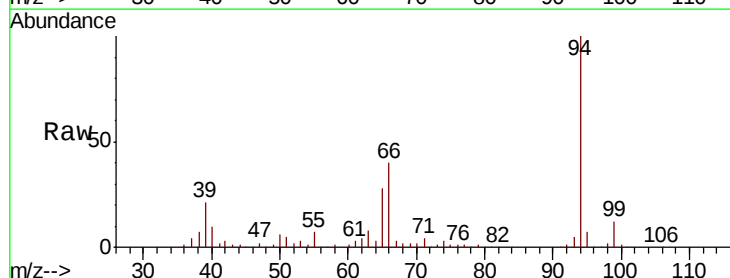
Tgt Ion: 94 Resp: 504803

Ion Ratio Lower Upper

94 100

65 28.0 7.8 47.8

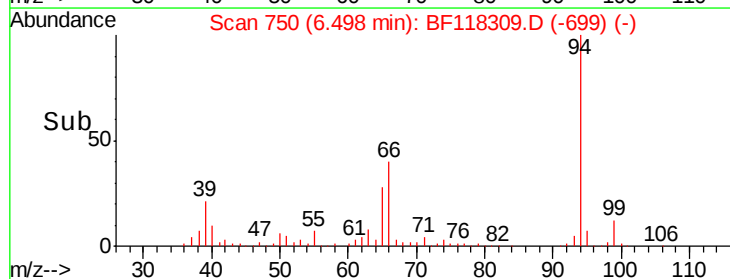
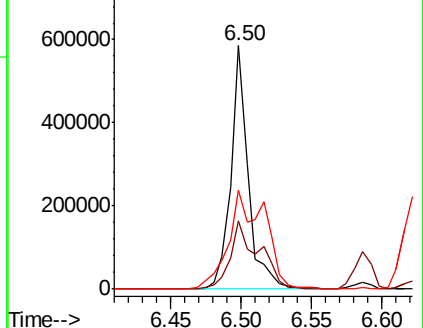
66 40.4 20.4 60.4

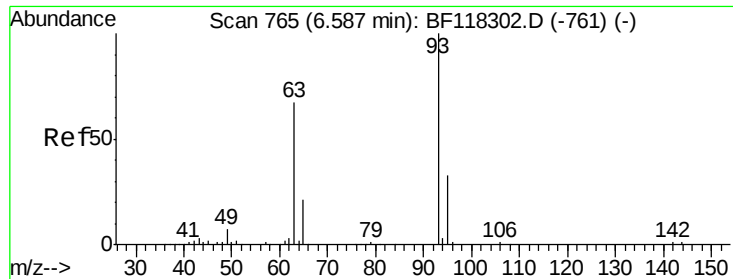


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





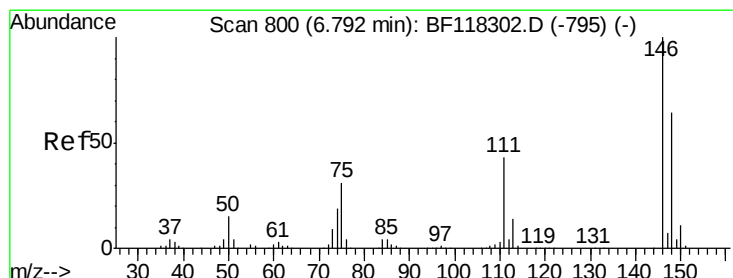
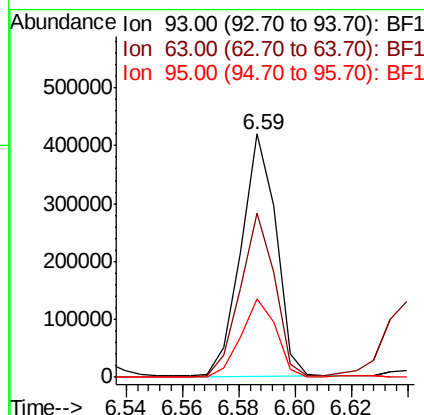
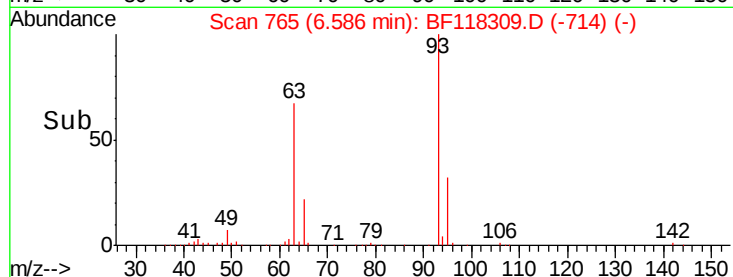
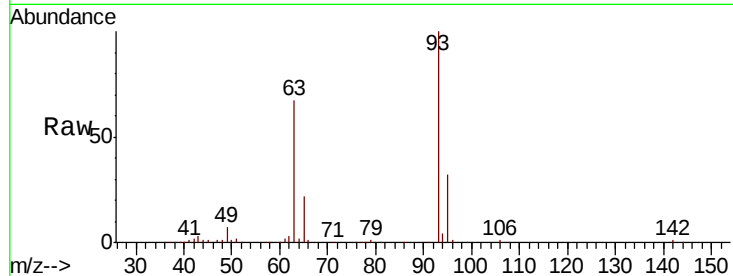
#11
bis(2-Chloroethyl)ether
Concen: 37.883 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	361620
Ion	Ratio	Lower	Upper
93	100		
63	67.5	47.0	87.0
95	32.0	12.8	52.8

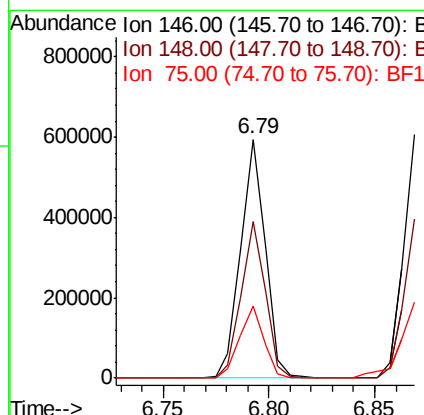
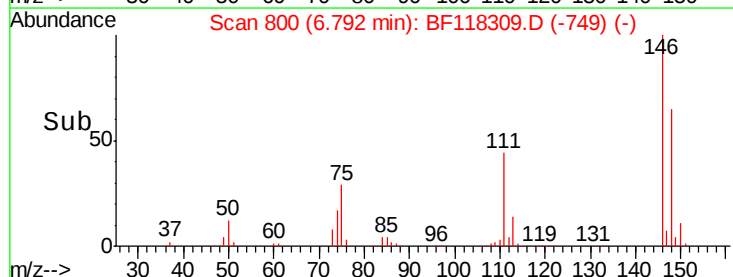
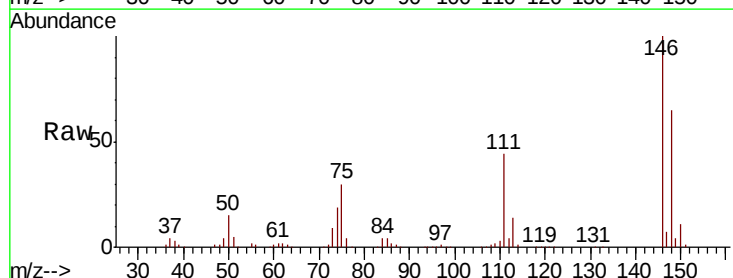
Manual Integrations
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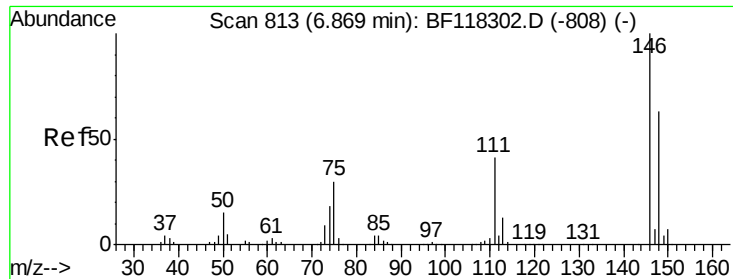
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.298 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion:	146	Resp:	478210
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
75	30.0	24.4	36.6





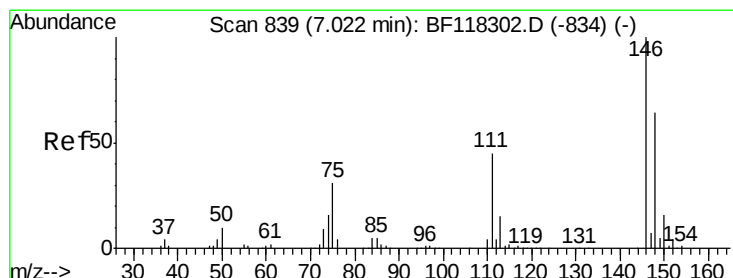
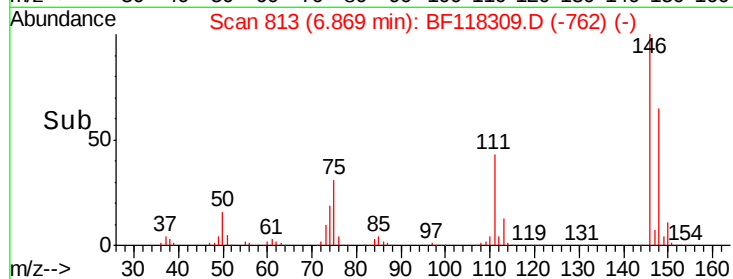
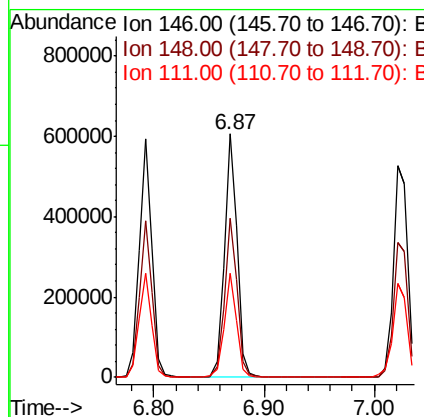
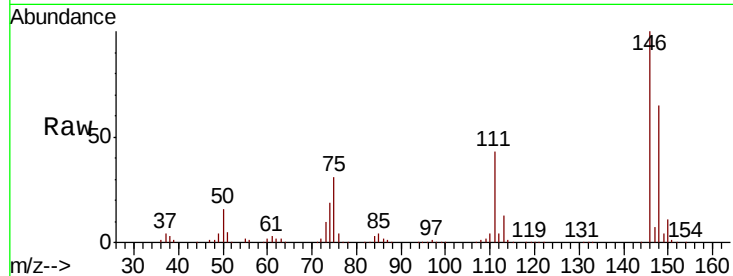
#13
 1,4-Dichlorobenzene
 Concen: 38.392 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
111	42.9	32.8	49.2

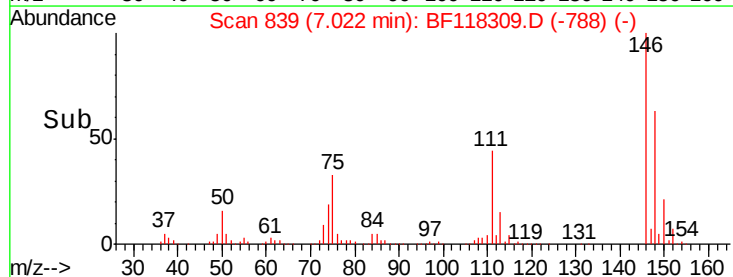
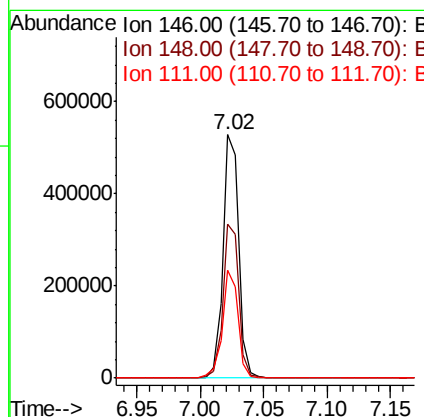
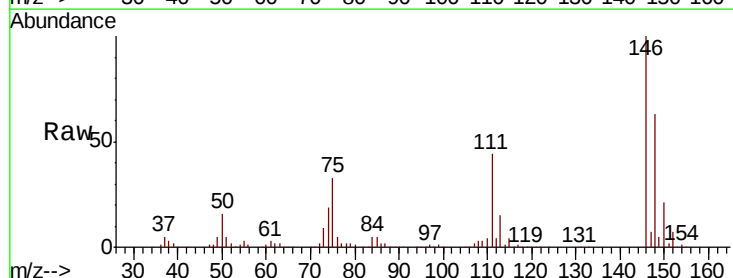
Manual Integrations
 APPROVED

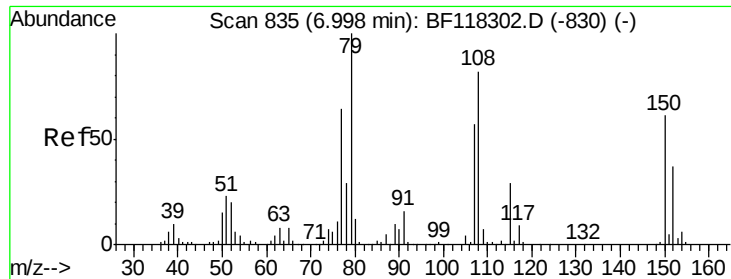
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.441 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	44.1	35.7	53.5





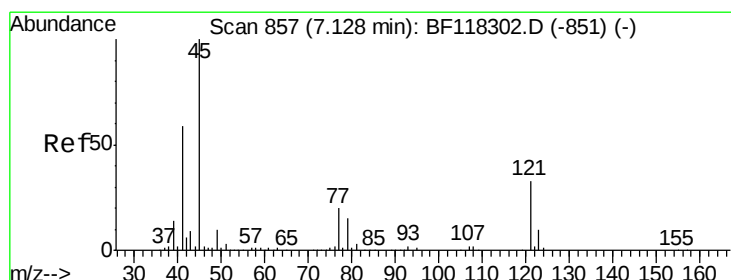
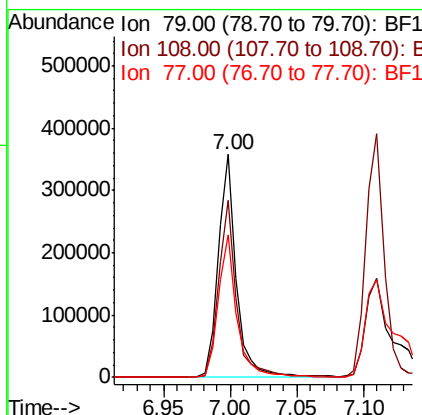
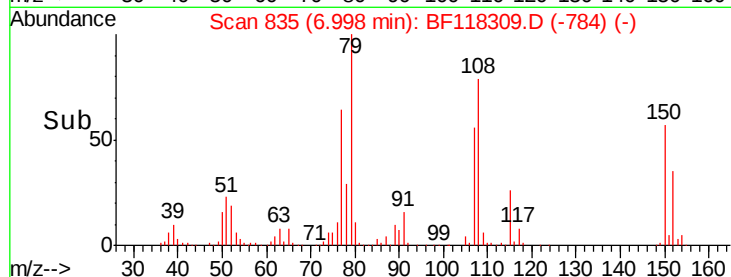
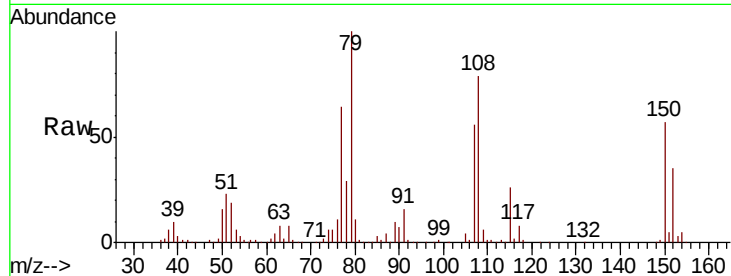
#15
Benzyl Alcohol
Concen: 38.080 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	65.4	98.0
77	63.9	51.4	77.0

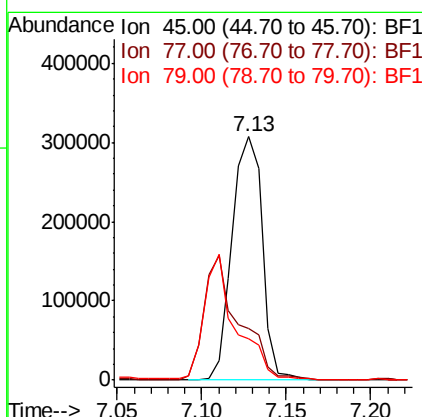
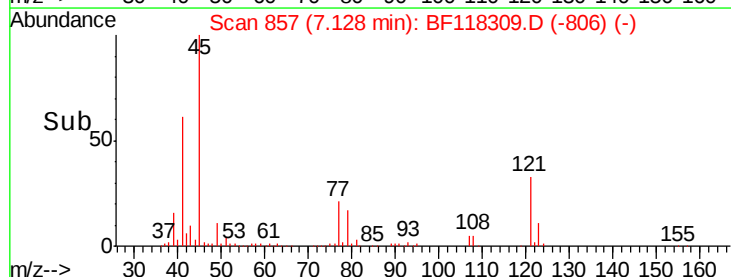
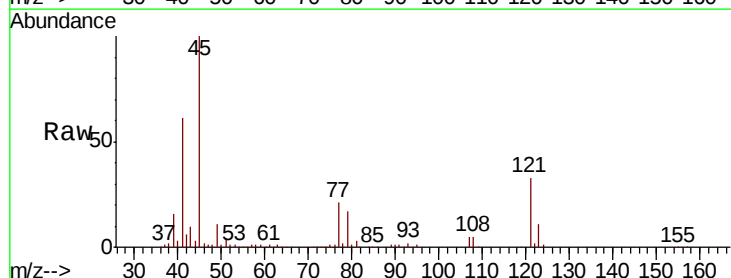
Manual Integrations
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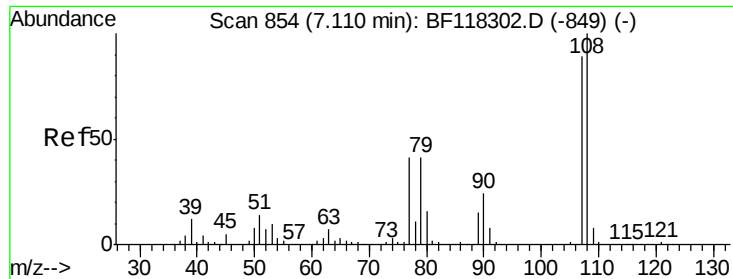
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.657 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	1.2	41.2
79	17.2	0.0	37.0





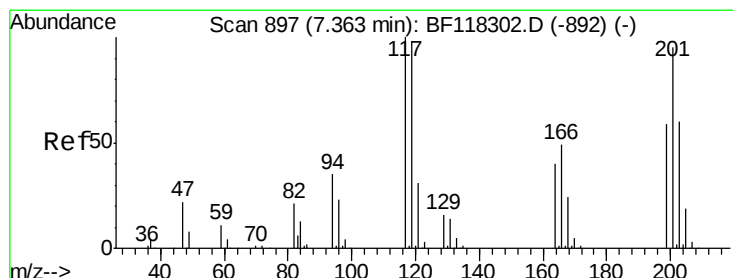
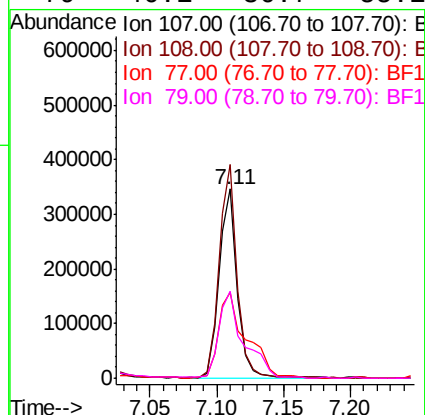
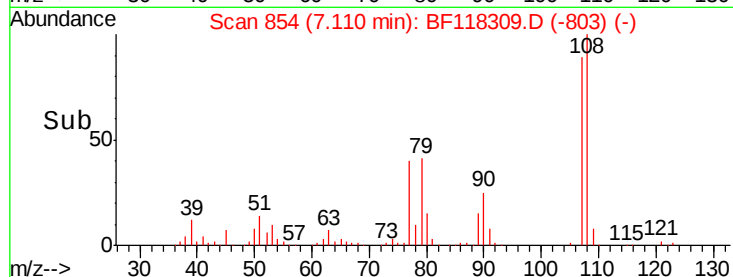
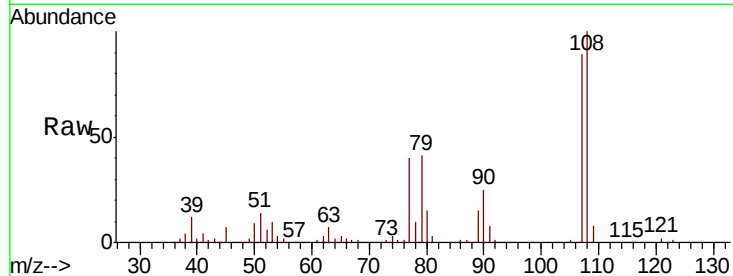
#17
2-Methylphenol
Concen: 38.136 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	89.7	134.5	
77	45.2	37.2	55.8	
79	46.1	36.7	55.1	

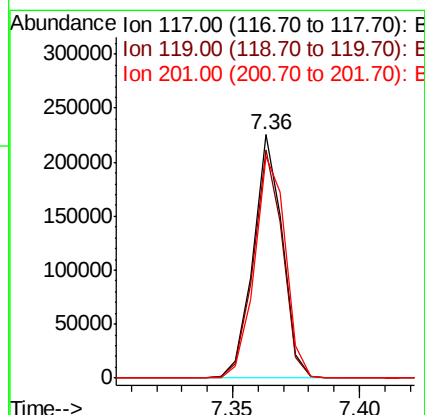
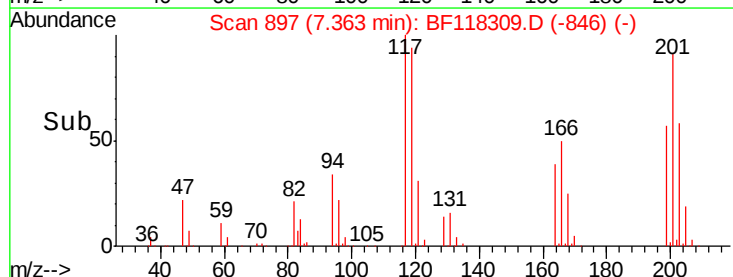
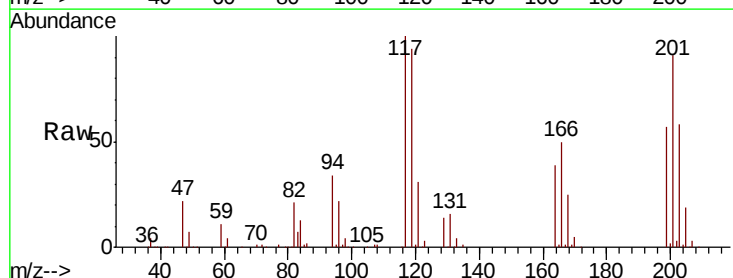
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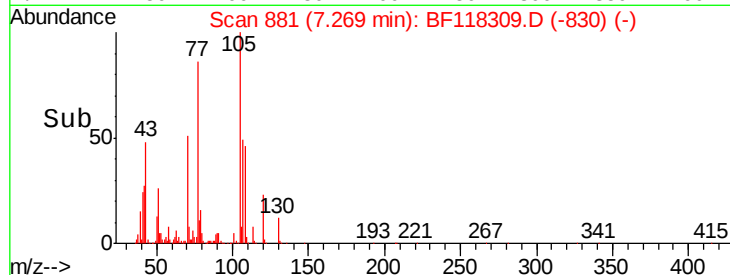
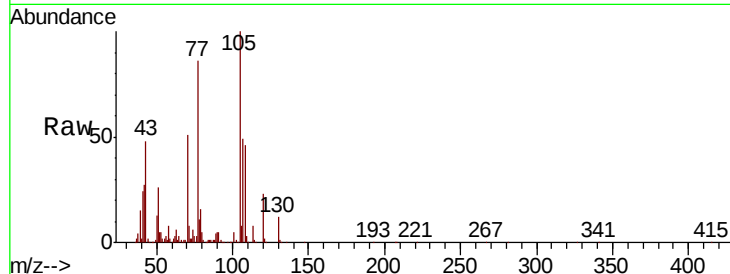
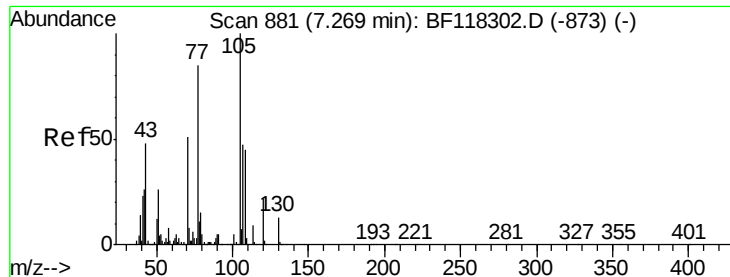
mohammad
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#18
Hexachloroethane
Concen: 38.559 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	78.0	117.0	
201	90.9	76.2	114.2	





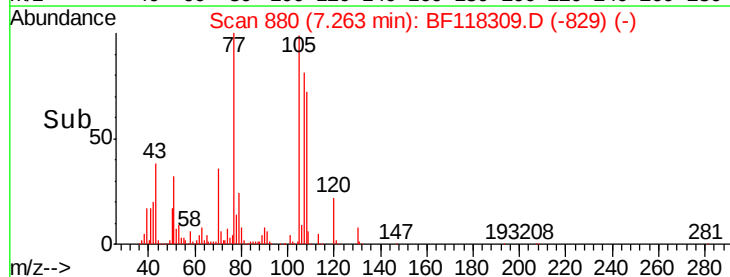
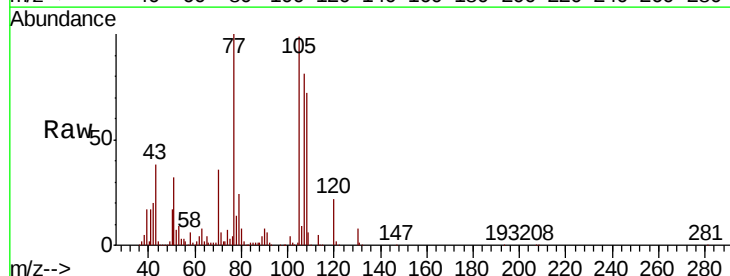
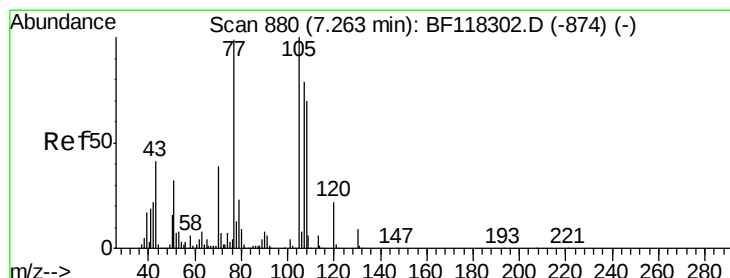
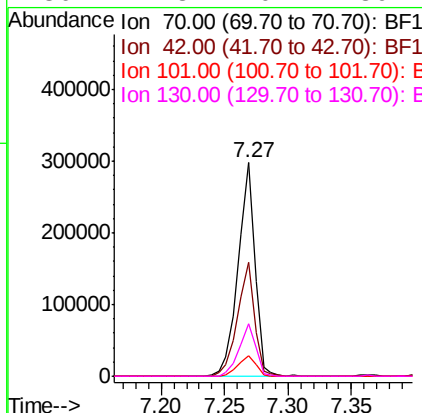
#19
n-Nitroso-di-n-propylamine
Concen: 37.268 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		272640		
42	53.3	41.1	61.7		
101	9.8	8.3	12.5		
130	24.3	20.1	30.1		

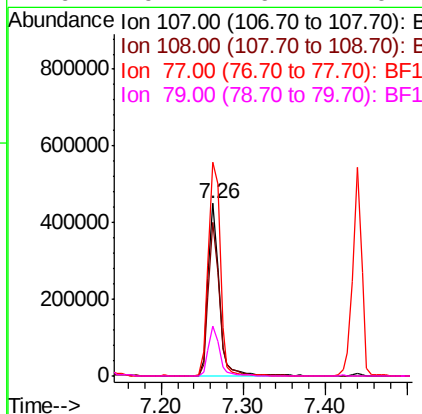
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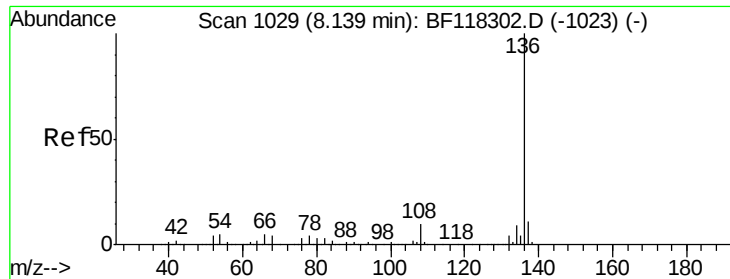
mohammad
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#20
3+4-Methylphenols
Concen: 38.031 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		423274		
108	89.2	69.3	109.3		
77	123.9	105.9	145.9		
79	29.1	9.2	49.2		





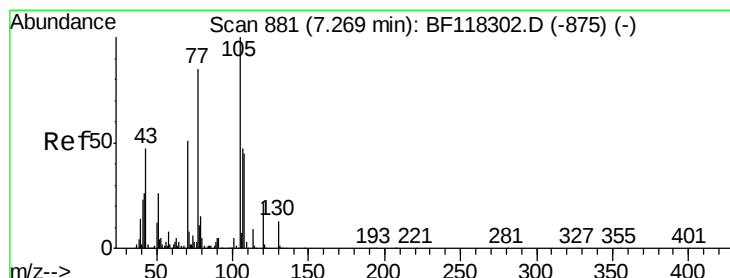
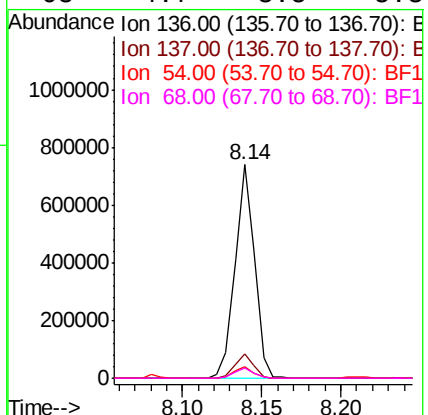
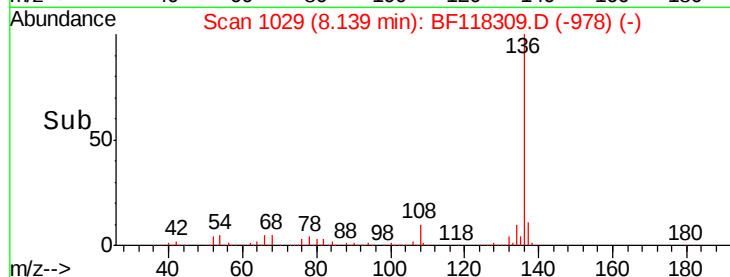
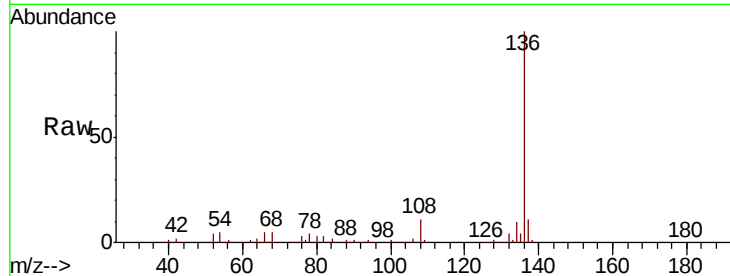
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	136	Resp	631468
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.4	4.2	6.4
68	4.7	3.5	5.3

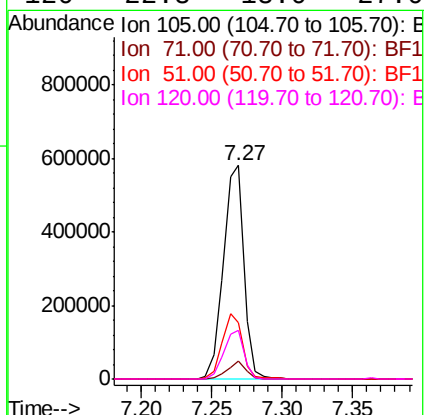
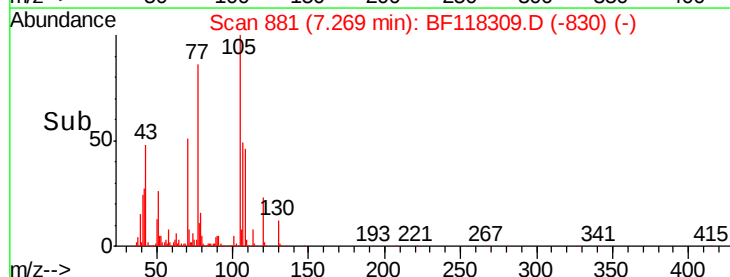
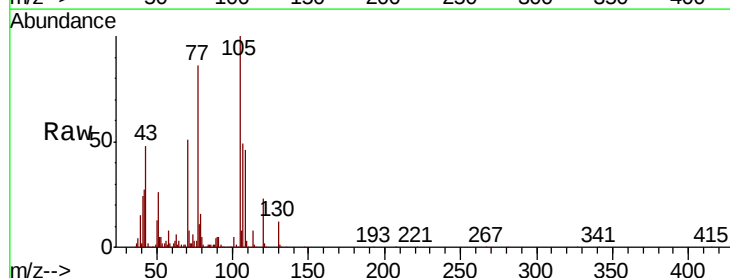
Manual Integrations
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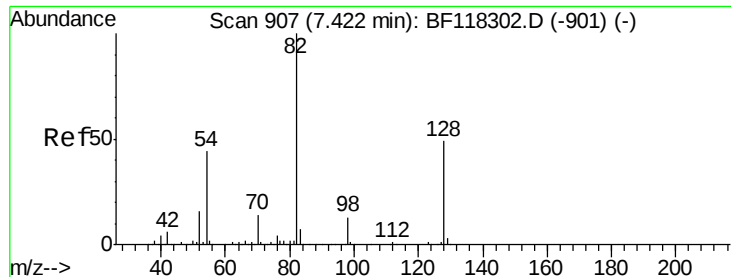
mohammad
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#22
Acetophenone
Concen: 38.066 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	105	Resp	589128
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.6	9.8
51	26.1	20.6	30.8
120	22.8	18.0	27.0





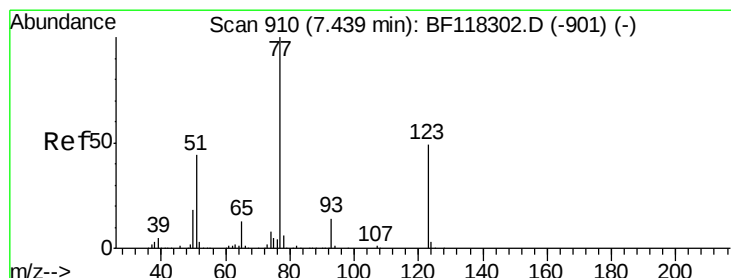
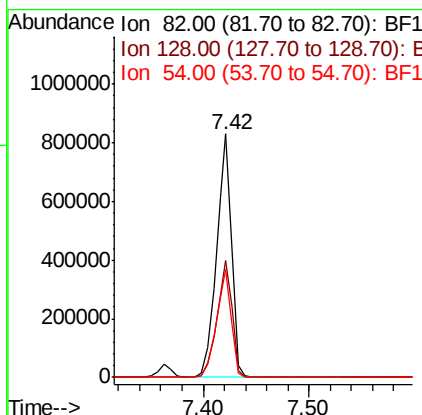
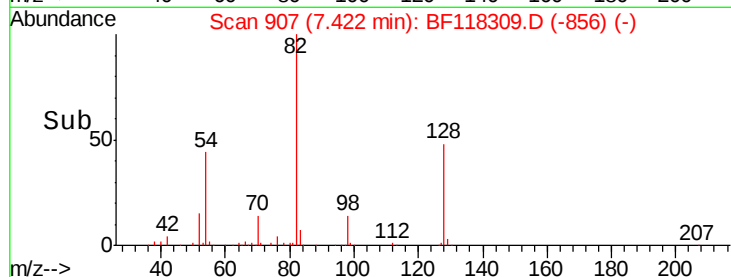
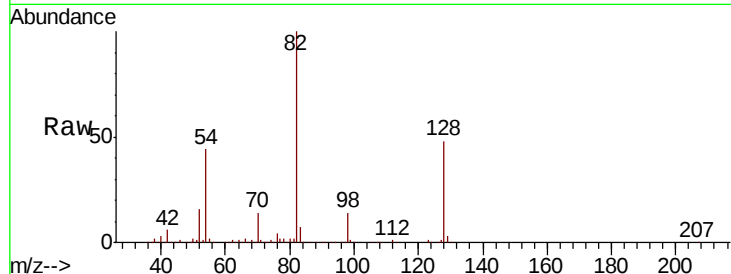
#23
 Nitrobenzene-d5
 Concen: 75.675 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	835501		
128	48.2		39.6	59.4
54	44.2		34.9	52.3

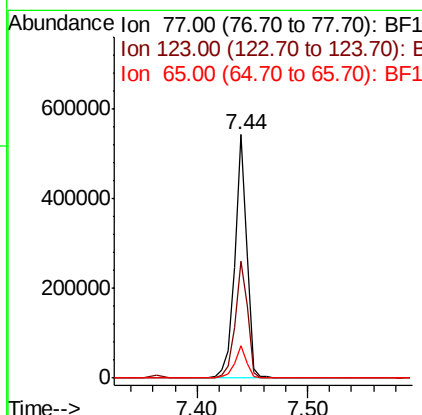
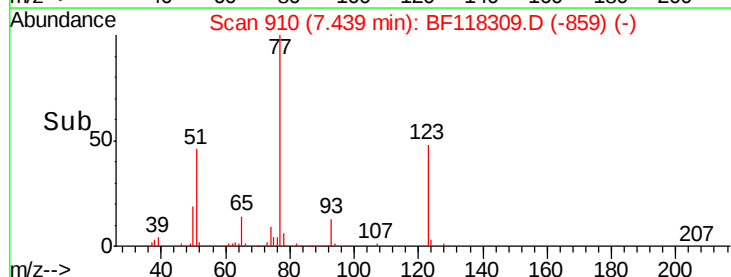
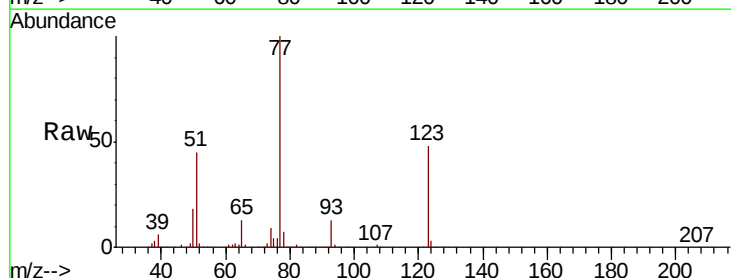
Manual Integrations
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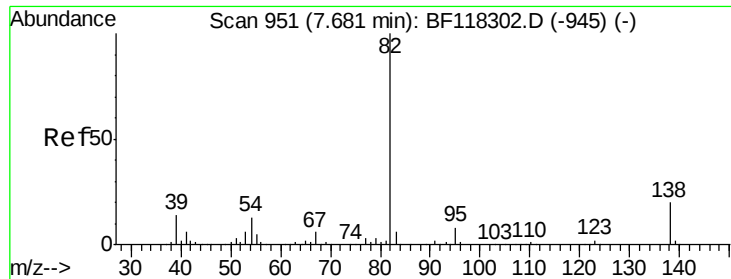
mohammad
 12/27/2019 3:18:55 PM



#24
 Nitrobenzene
 Concen: 37.646 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	416350		
123	48.2		39.1	58.7
65	13.4		10.6	16.0





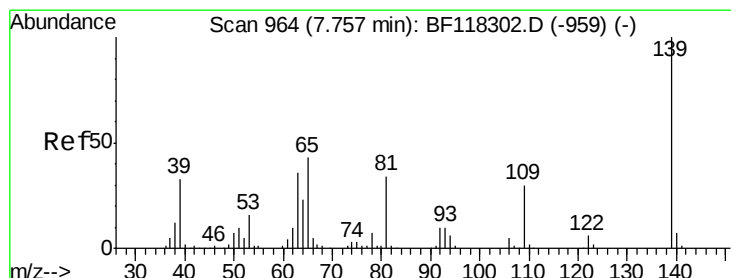
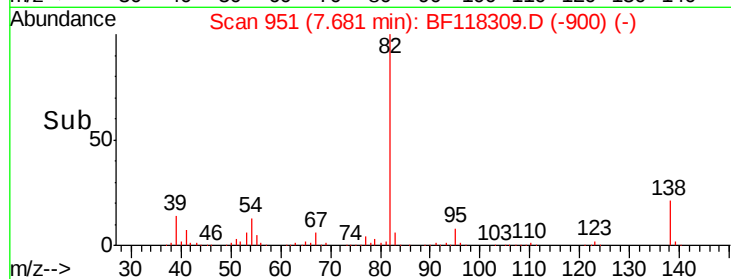
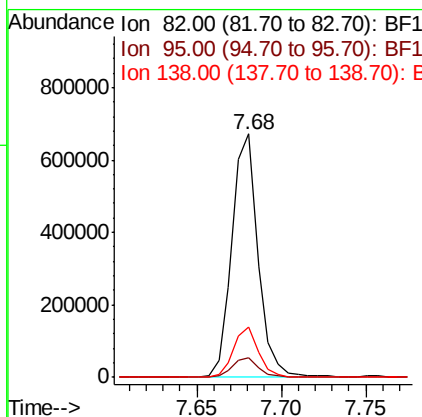
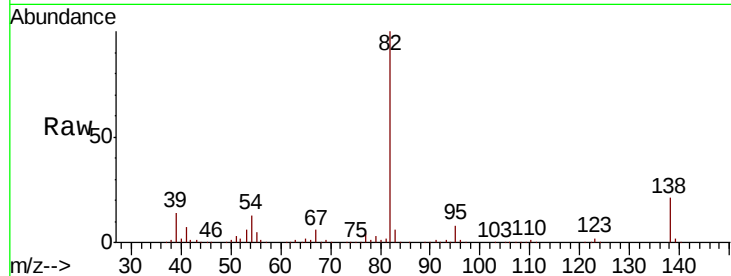
#25
Isophorone
Concen: 37.549 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	20.6	16.2	24.2

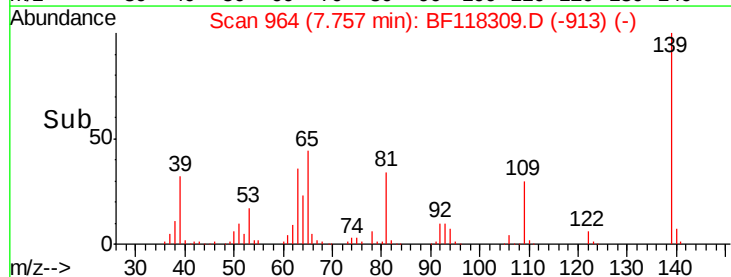
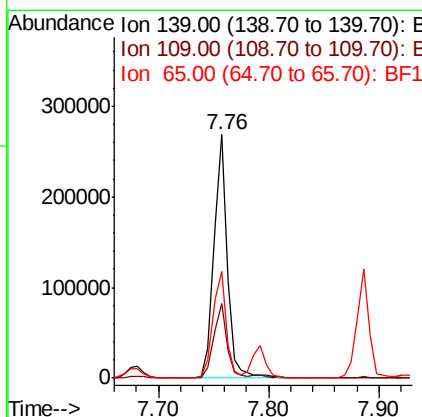
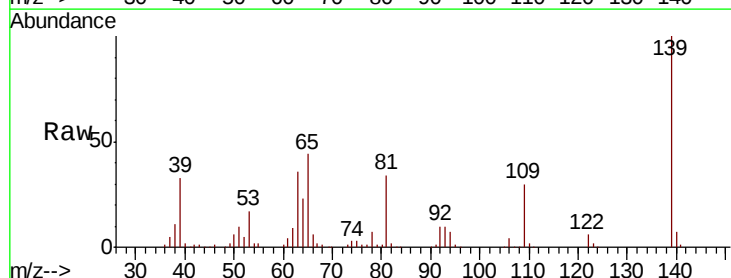
Manual Integrations
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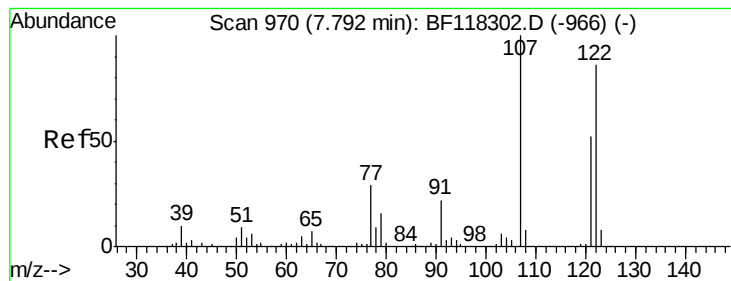
mohammad
12/27/2019 3:18:55 PM



#26
2-Nitrophenol
Concen: 37.937 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.1	36.1
65	43.9	34.6	52.0





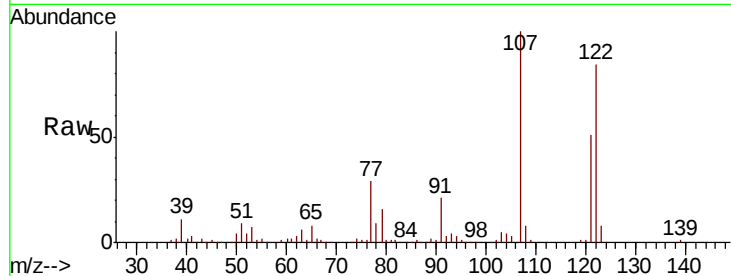
#27
2,4-Dimethylphenol
Concen: 37.336 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	92.9	139.3
121	60.9	47.9	71.9

Manual Integrations
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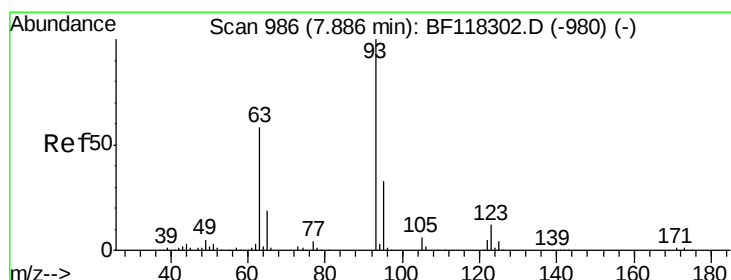
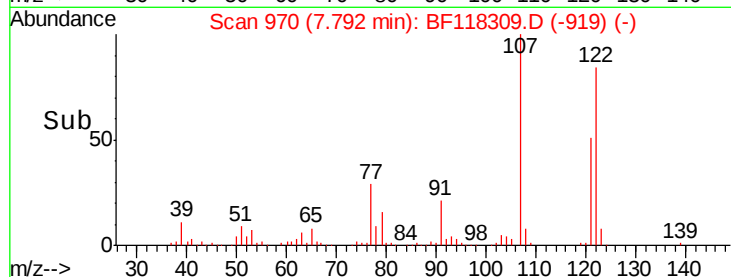
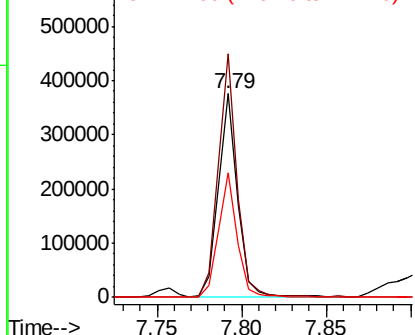


Abundance

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: 37.496 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

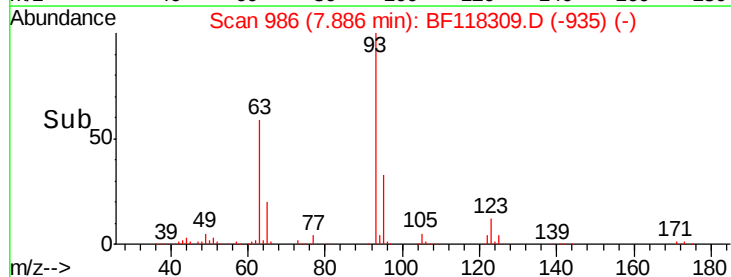
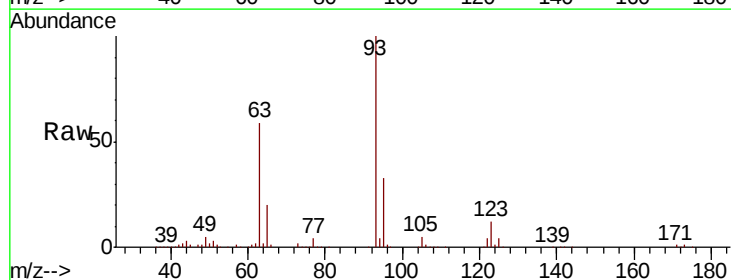
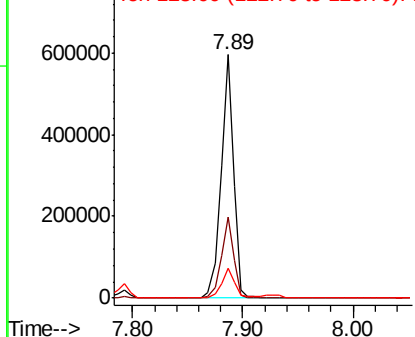
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	12.4	9.8	14.8

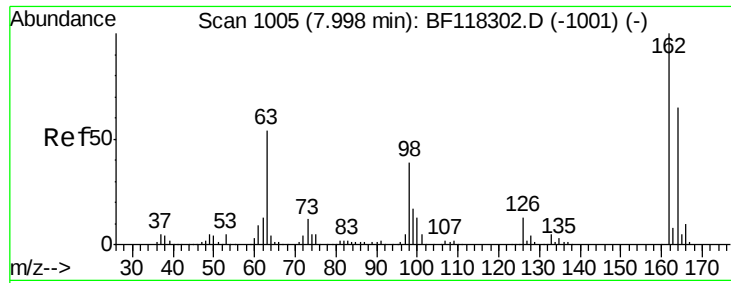
Abundance

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





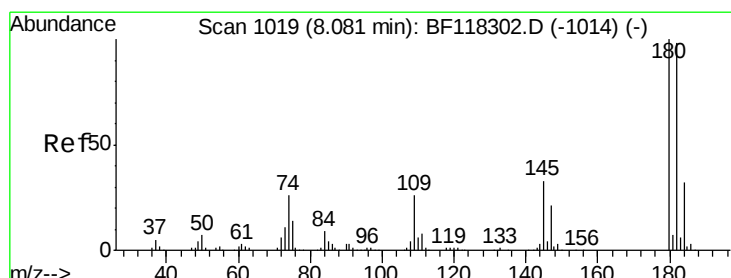
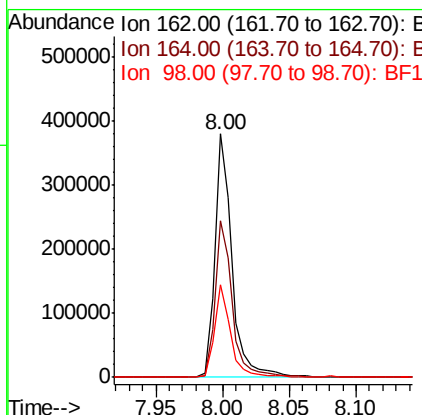
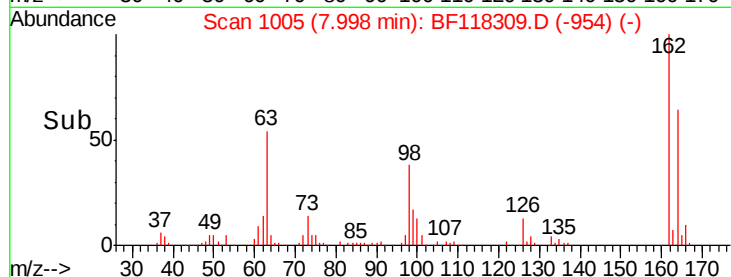
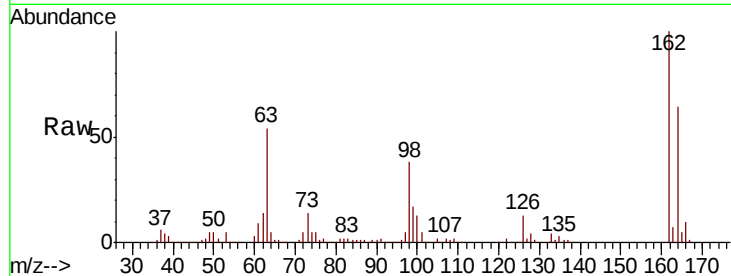
#29
2,4-Dichlorophenol
Concen: 37.420 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.1	85.1
98	37.8	18.6	58.6

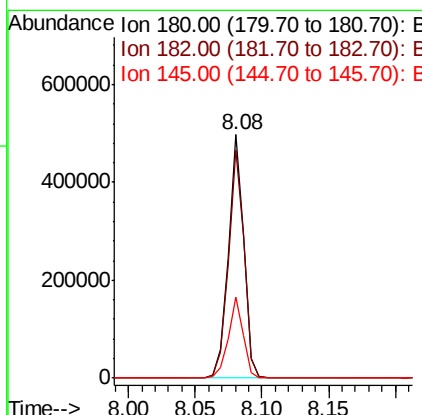
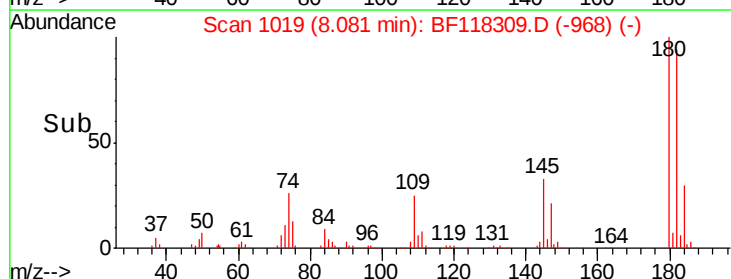
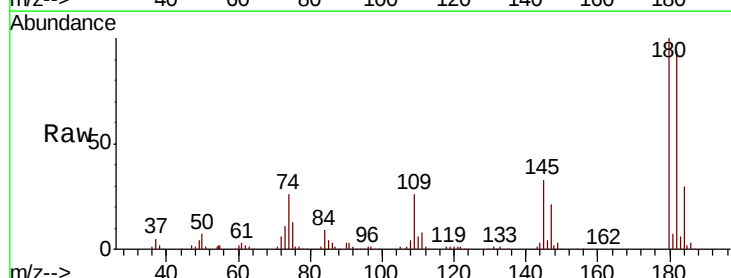
Manual Integrations
APPROVED

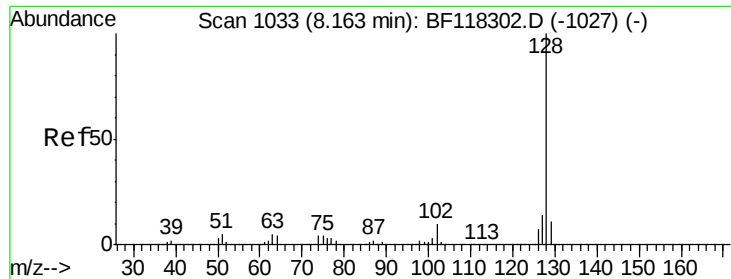
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.918 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.3	117.5
145	33.3	26.7	40.1





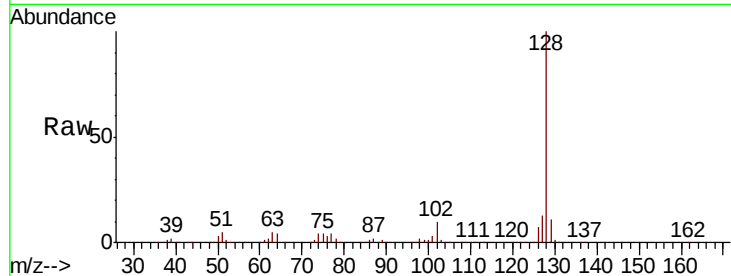
#31
Naphthalene
Concen: 38.276 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	11.0	16.4

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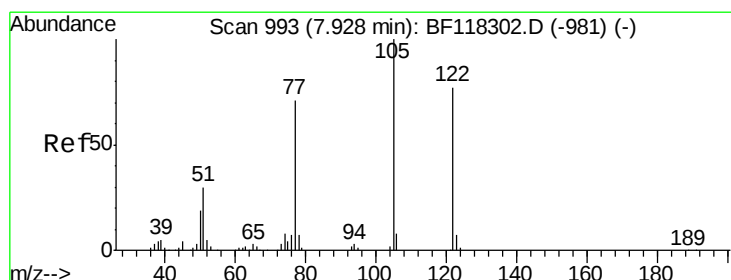
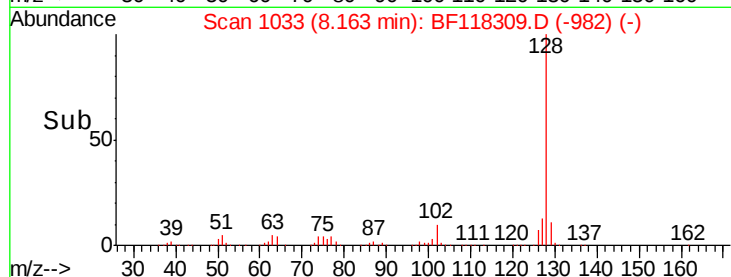
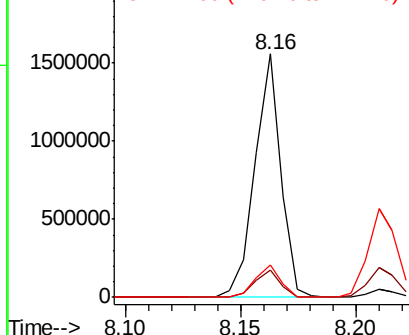


Abundance

Ion 128.00 (127.70 to 128.70): E

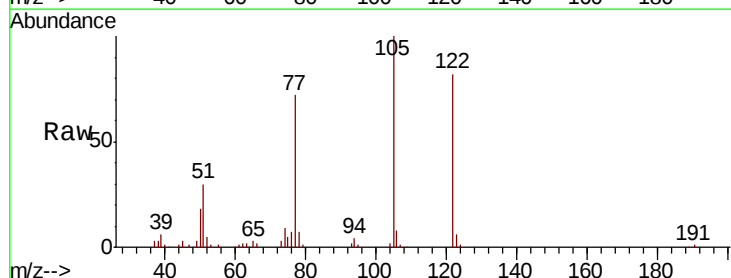
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.905 ng m
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	106.8	146.8
77	87.6	70.4	110.4

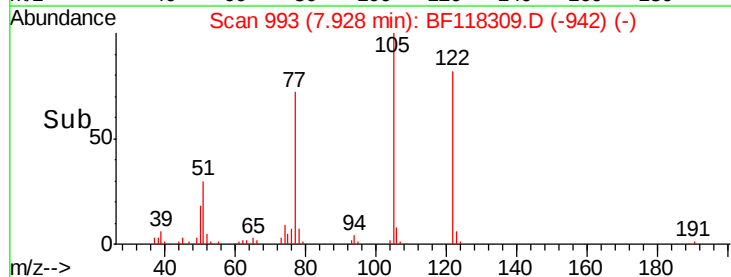
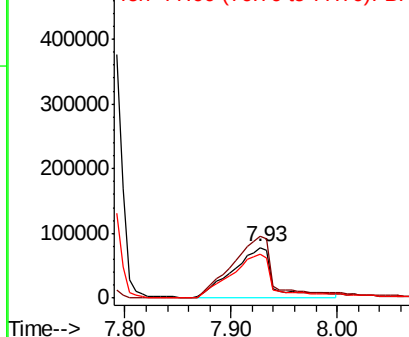


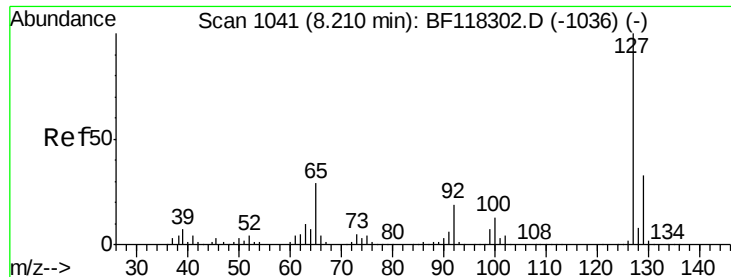
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





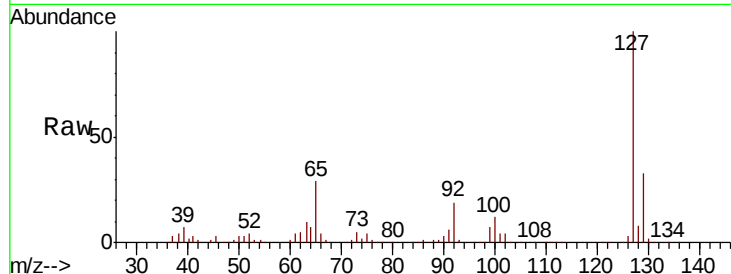
#33
4-Chloroaniline
Concen: 37.754 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		519458		
129	32.9	26.5	39.7		
65	28.6	22.8	34.2		
92	19.3	15.5	23.3		

Manual Integrations
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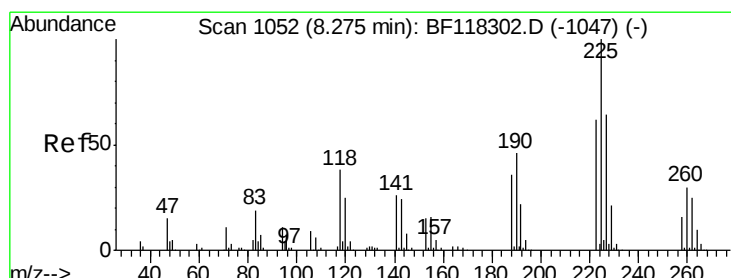
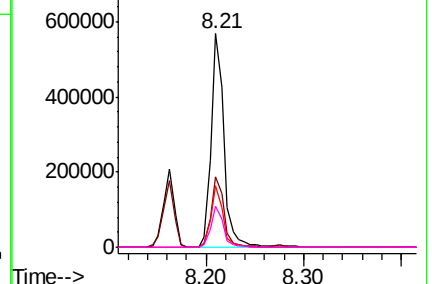
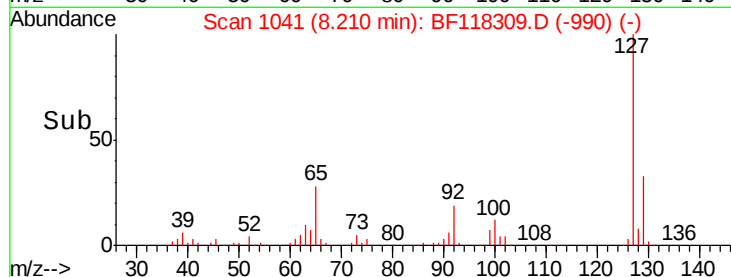
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

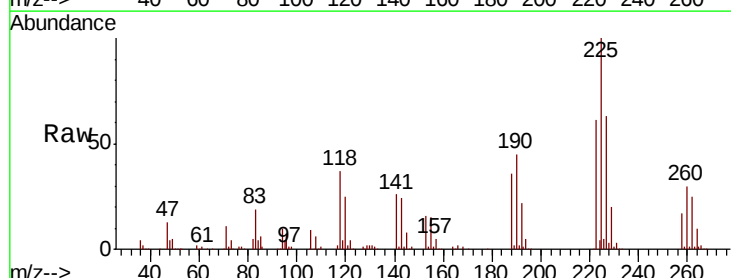
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.565 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		246007		
223	61.3	49.5	74.3		
227	63.0	51.0	76.4		

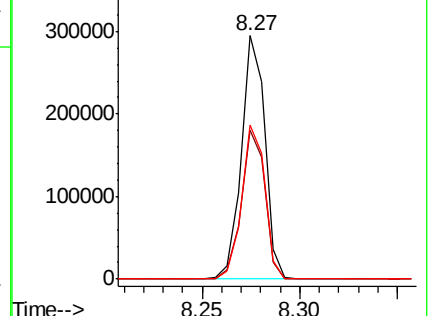
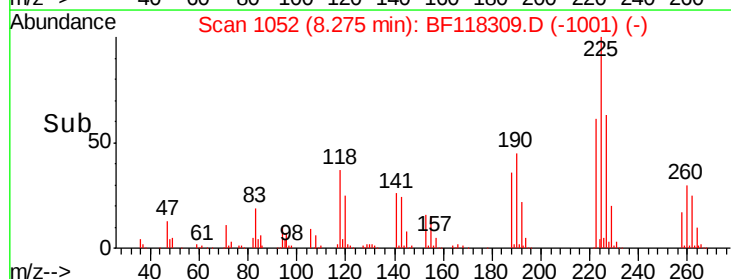


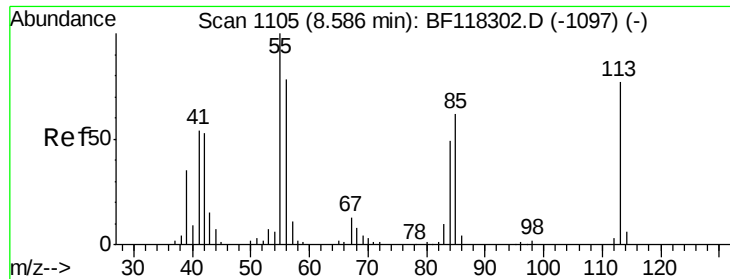
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





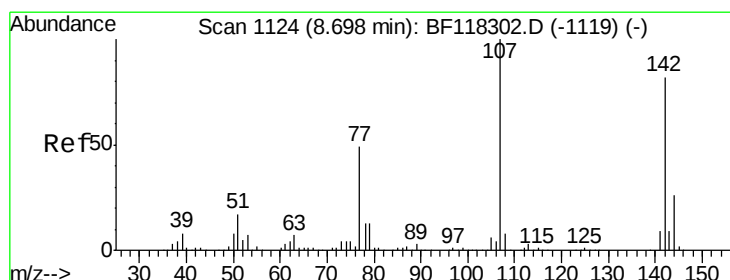
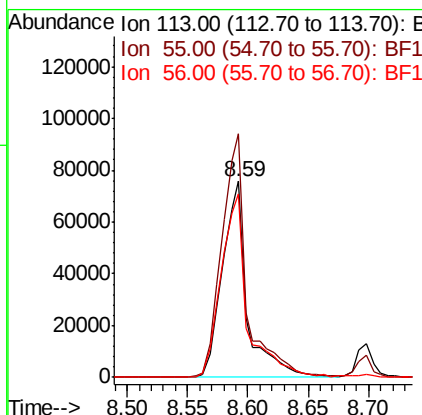
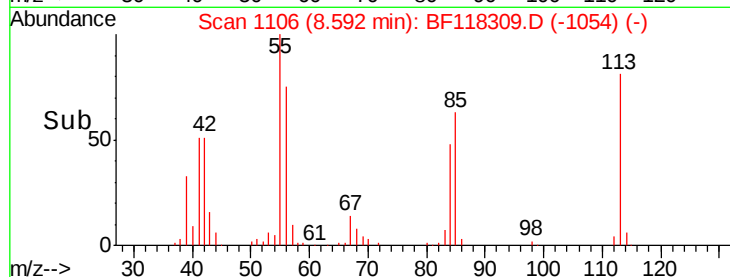
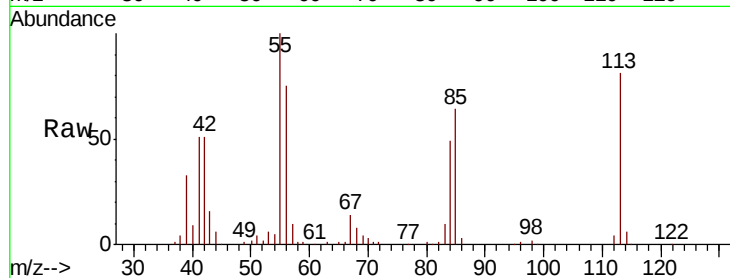
#35
Caprolactam
Concen: 37.436 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	124.1		109.8	149.8	
56	93.6		81.7	121.7	

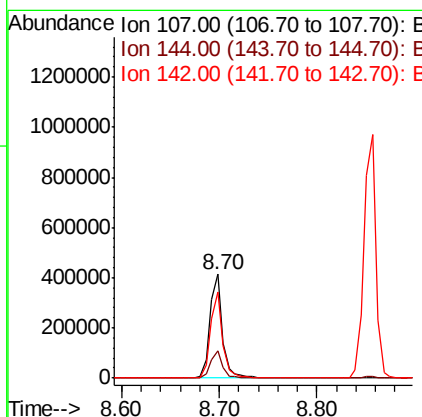
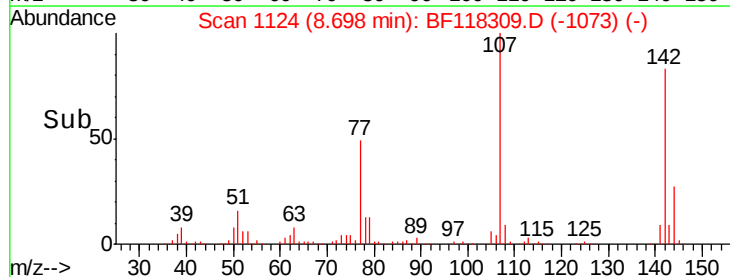
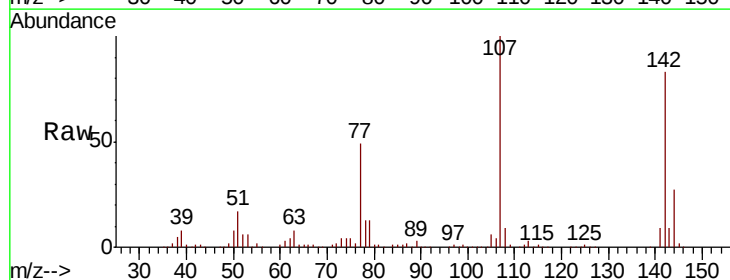
Manual Integrations
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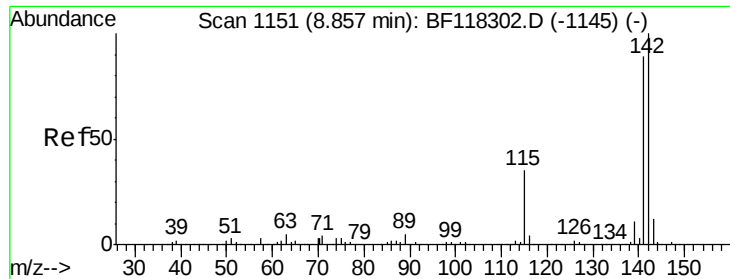
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 37.103 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.6		21.2	31.8	
142	82.9		65.4	98.2	





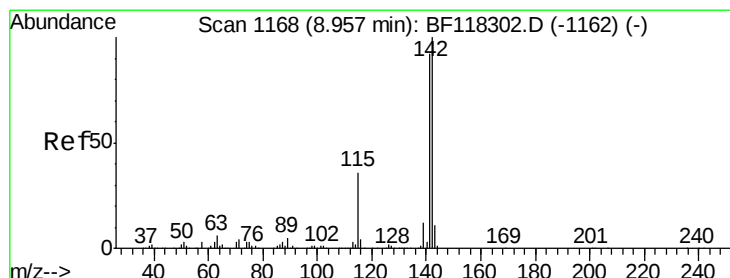
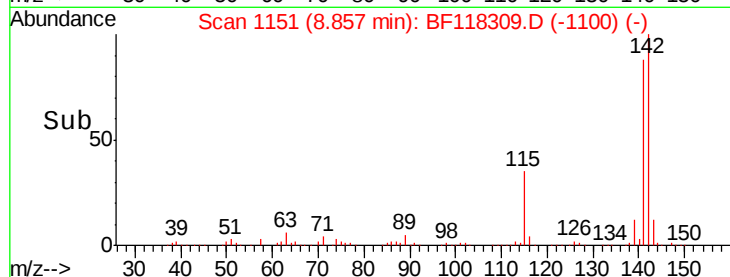
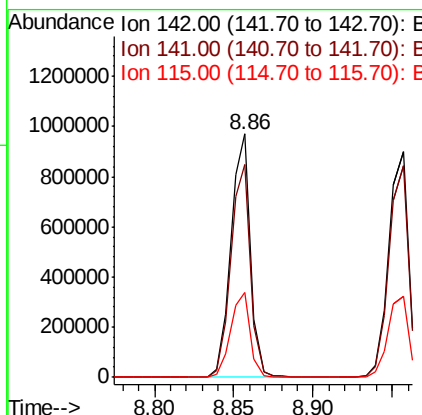
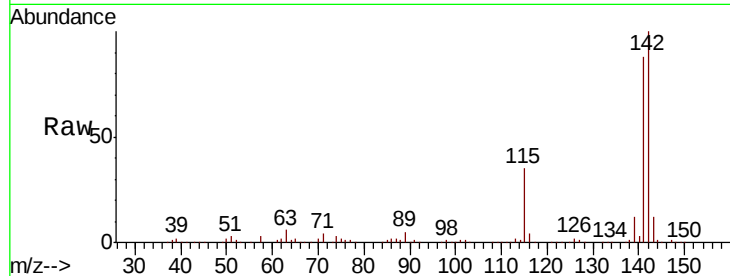
#37
2-Methylnaphthalene
Concen: 37.568 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.2	106.8
115	35.1	28.0	42.0

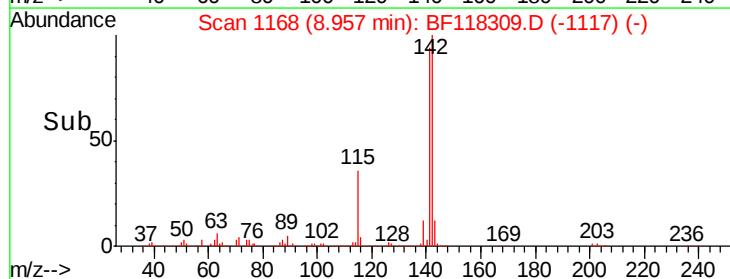
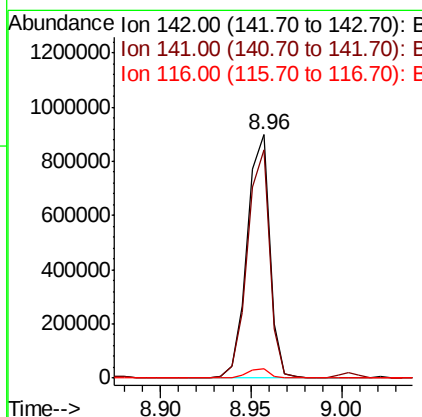
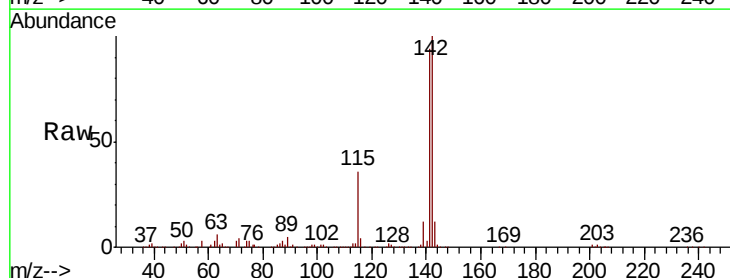
Manual Integrations
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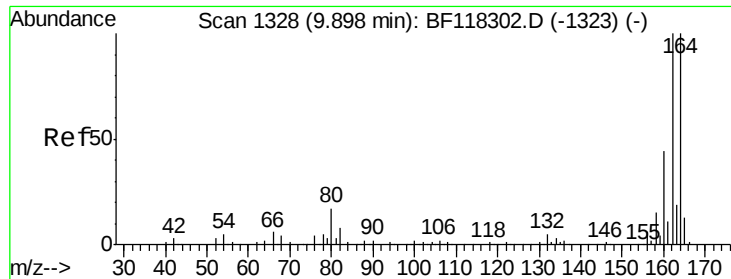
mohammad
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#38
1-Methylnaphthalene
Concen: 37.558 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.4	110.2
116	4.0	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

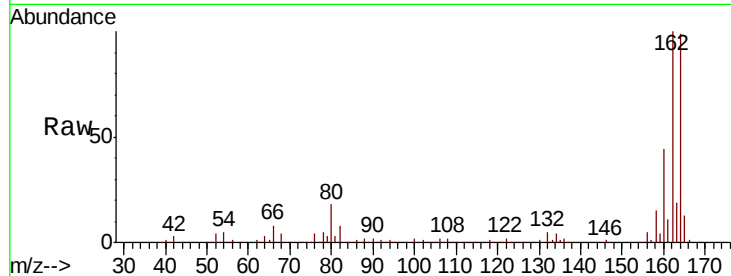
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	335434
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.0	120.0
160	44.5	34.8	52.2

Manual Integrations
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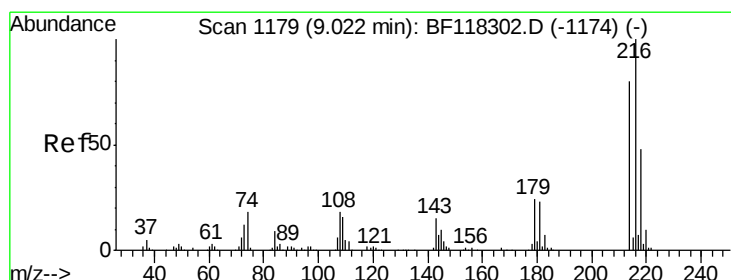
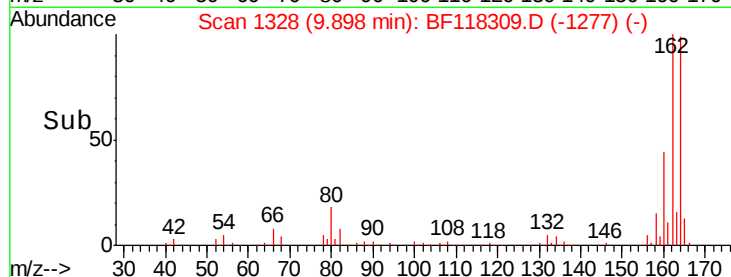
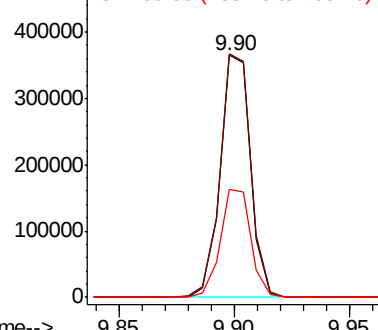


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.220 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Tgt Ion:	216	Resp:	385196
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.3	94.9
179	23.4	18.9	28.3
108	18.7	15.0	22.6

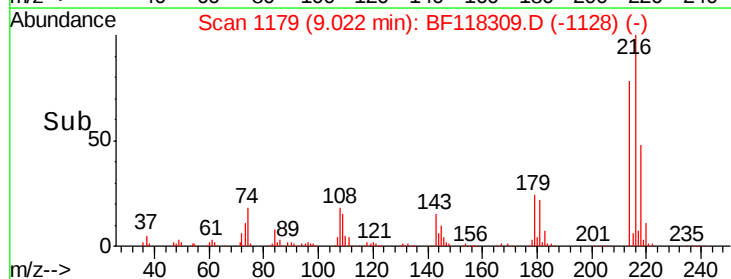
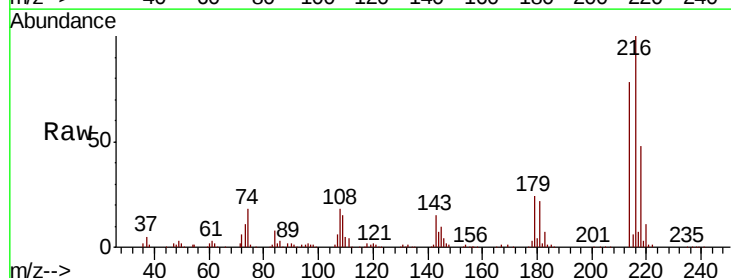
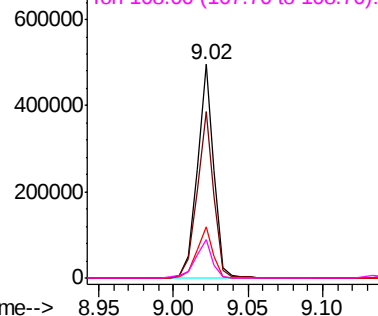
Abundance

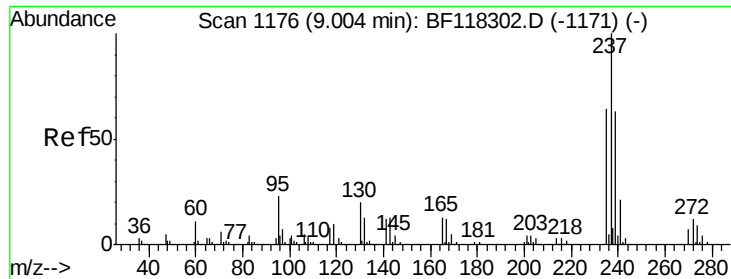
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





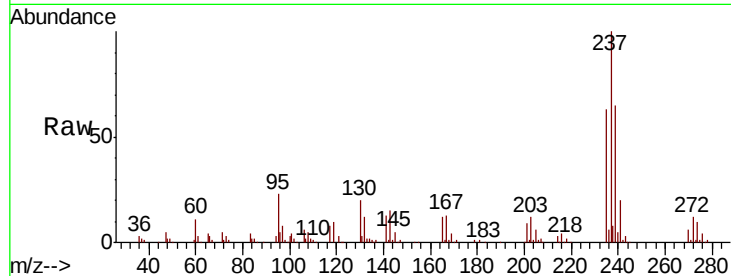
#41
Hexachlorocyclopentadiene
Concen: 35.215 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

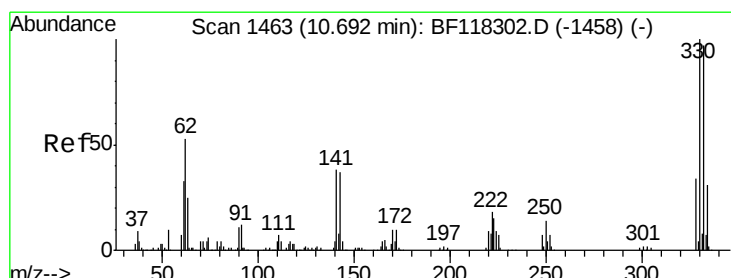
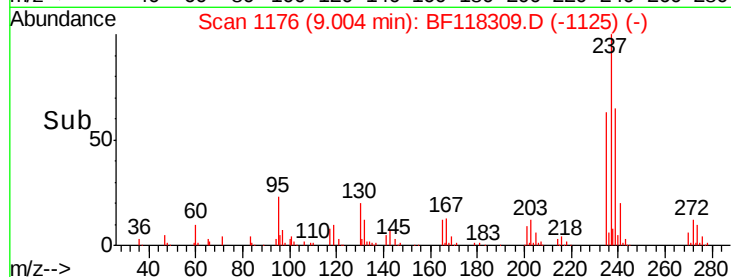
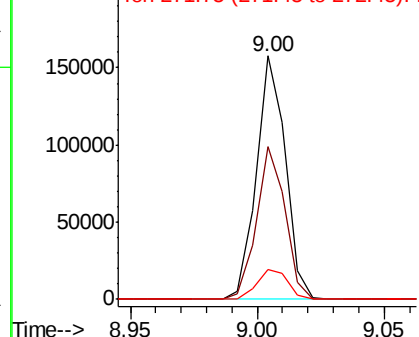
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	43.8	83.8
272	12.2	0.0	31.7

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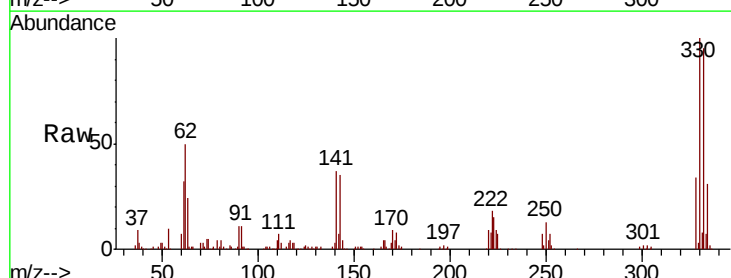


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

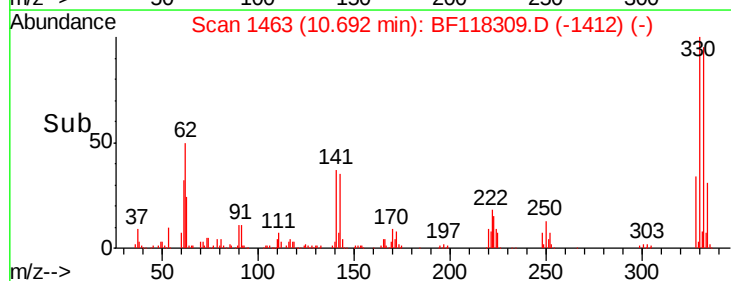
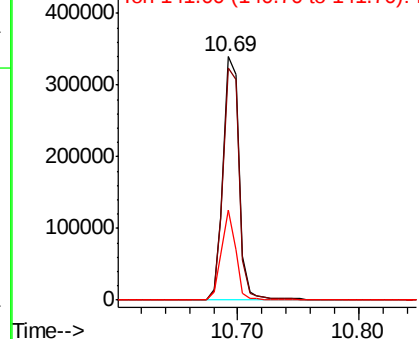


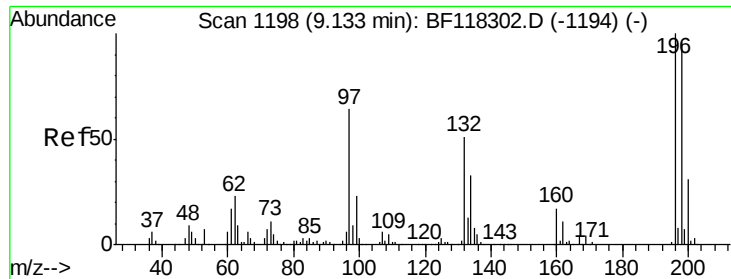
#42
2,4,6-Tribromophenol
Concen: 75.165 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	76.6	114.8
141	32.6	26.0	39.0



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





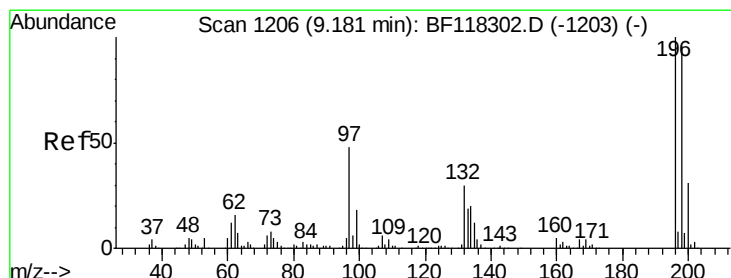
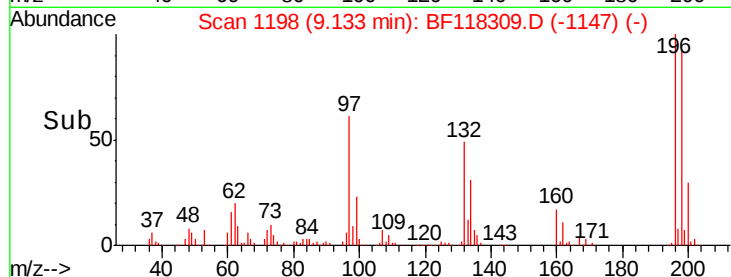
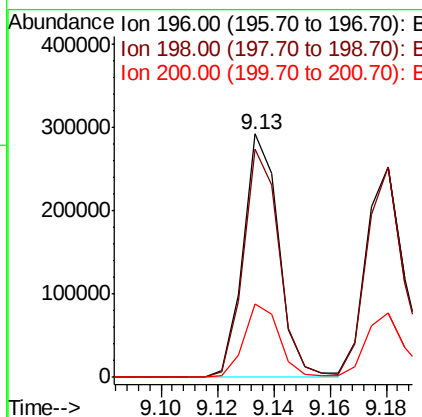
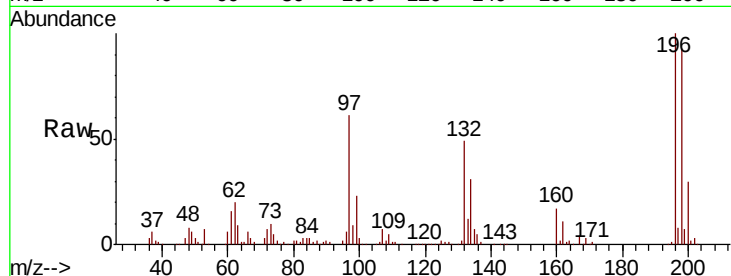
#43
 2,4,6-Trichlorophenol
 Concen: 37.988 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255775		
198	93.5	76.7	115.1	
200	30.2	24.8	37.2	

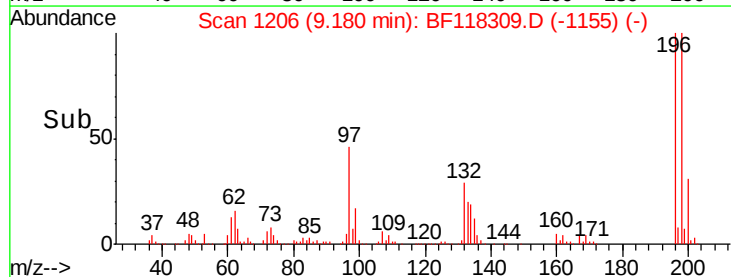
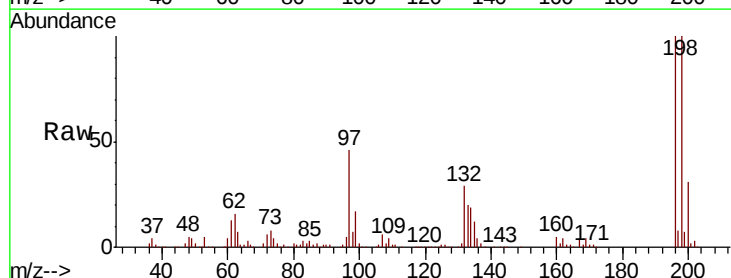
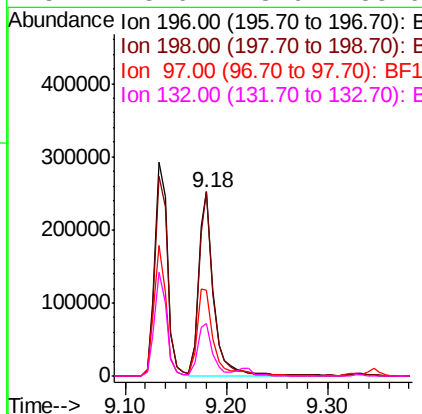
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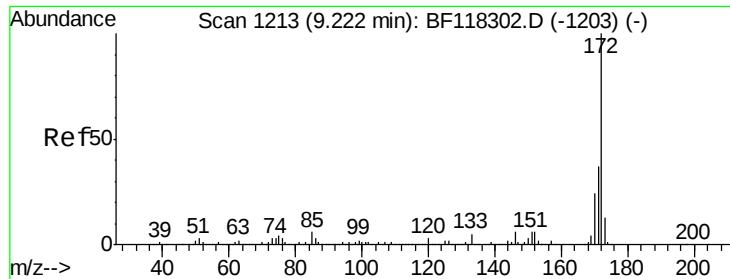
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#44
 2,4,5-Trichlorophenol
 Concen: 37.264 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258103		
198	99.9	77.0	115.4	
97	46.5	38.9	58.3	
132	28.6	23.9	35.9	





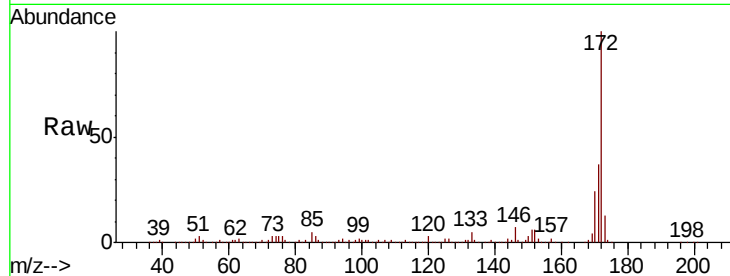
#45
2-Fluorobiphenyl
Concen: 77.017 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.1	19.2	28.8

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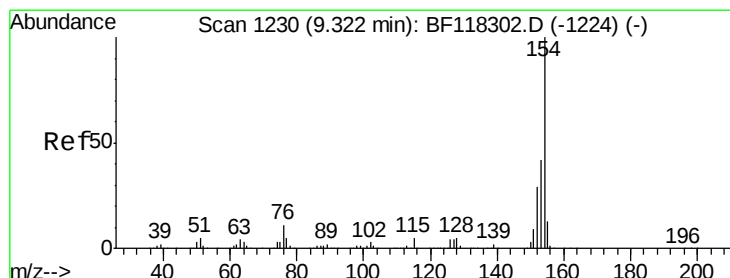
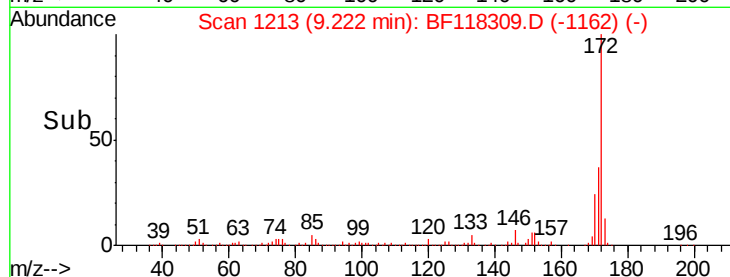
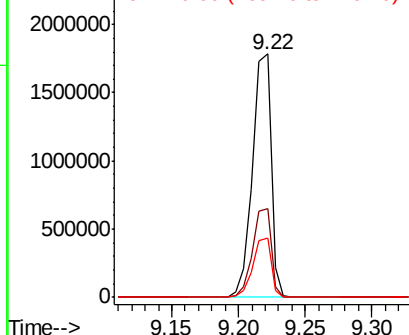


Abundance

Ion 172.00 (171.70 to 172.70): E

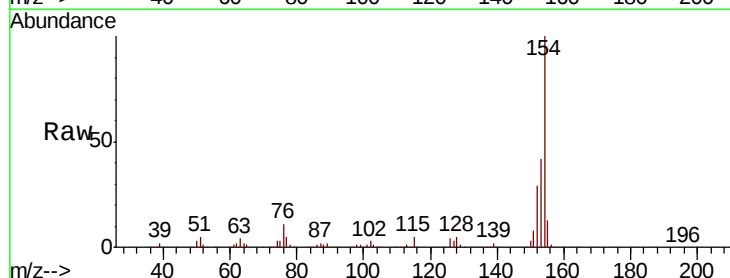
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.142 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.8	61.8
76	10.8	0.0	30.9

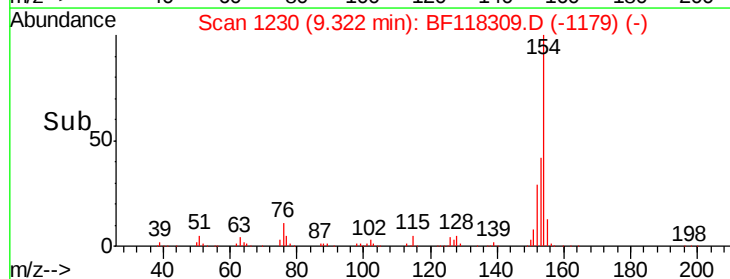
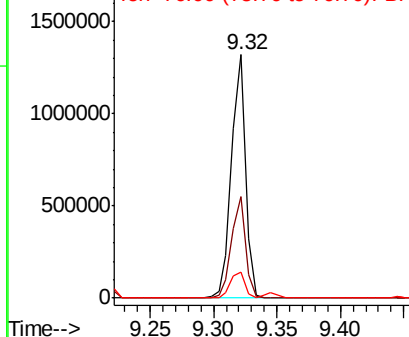


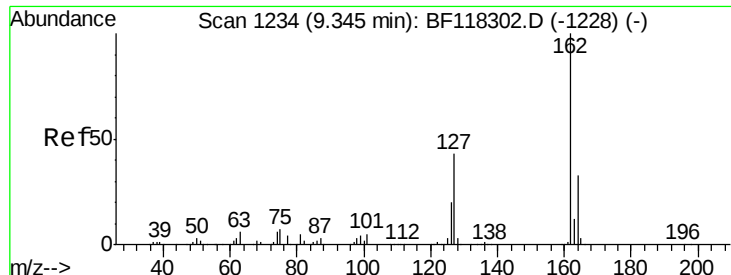
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





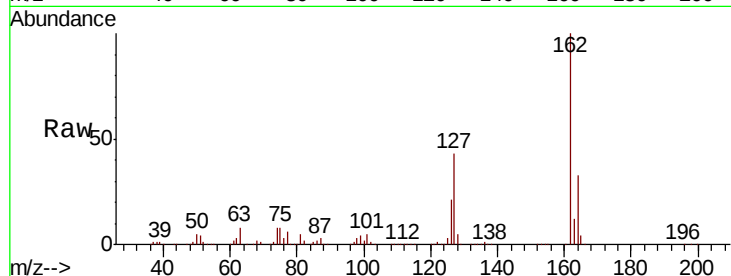
#47
 2-Chloronaphthalene
 Concen: 38.290 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

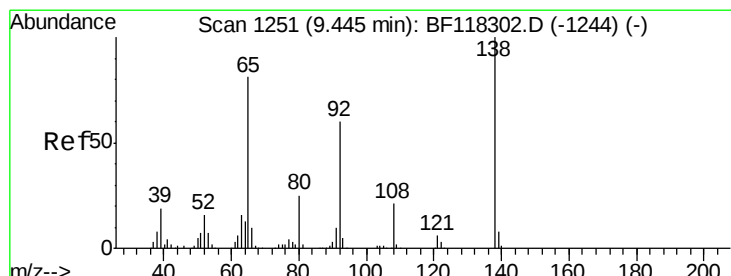
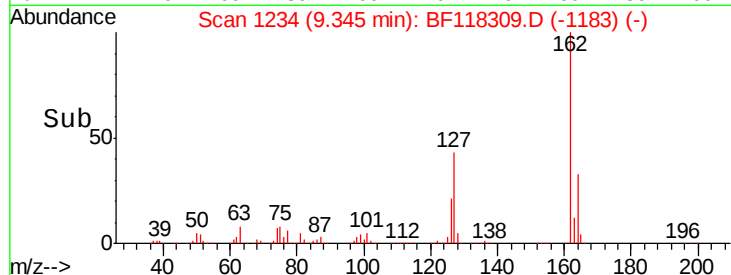
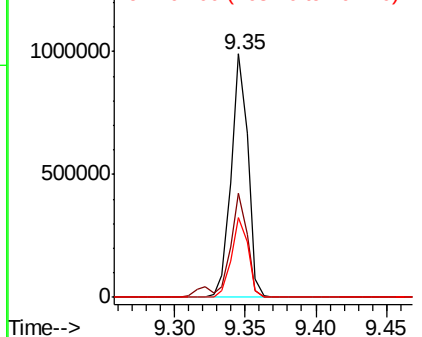
Tot Ion:	162	Resp:	817605
Ion Ratio	Lower	Upper	
162	100		
127	42.6	35.0	52.4
164	32.8	26.6	40.0

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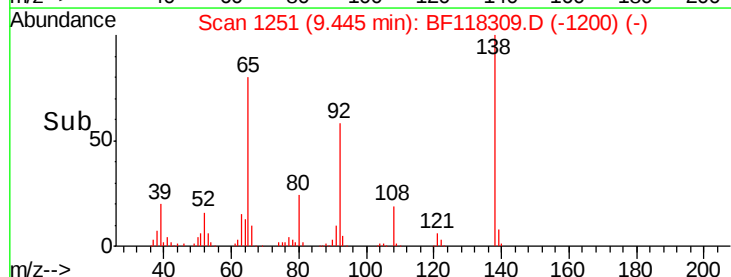
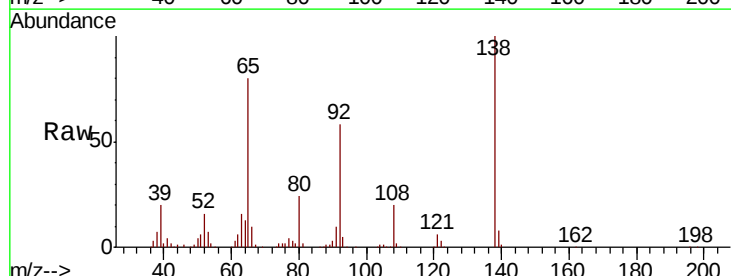
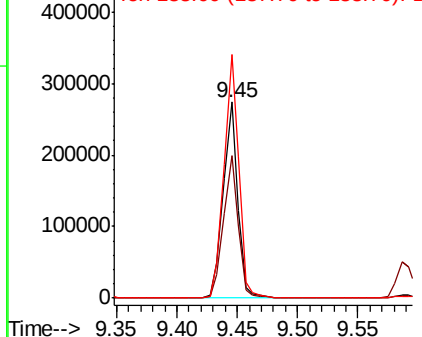
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

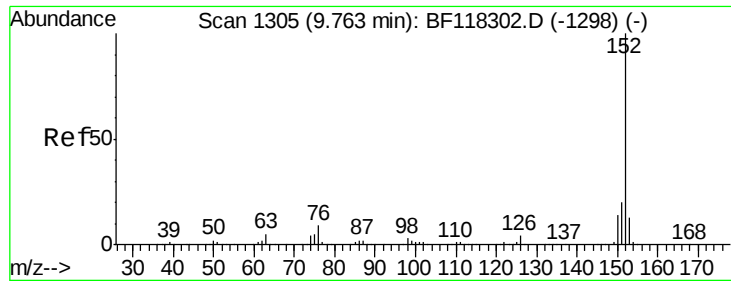


#48
 2-Nitroaniline
 Concen: 37.953 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion:	65	Resp:	228904
Ion Ratio	Lower	Upper	
65	100		
92	72.6	58.7	88.1
138	124.4	98.5	147.7

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.144 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1207978

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

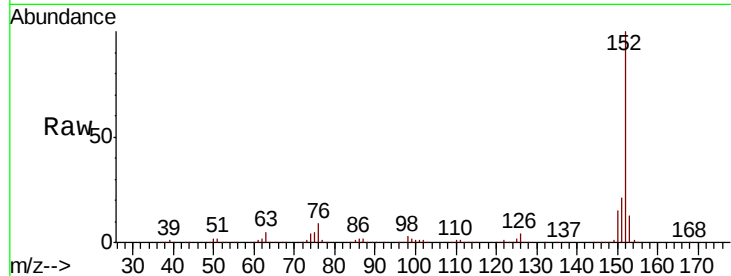
153 13.4 10.5 15.7

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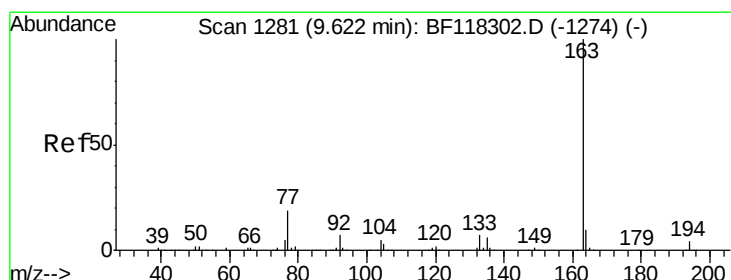
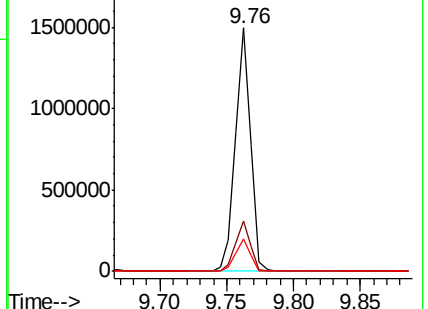
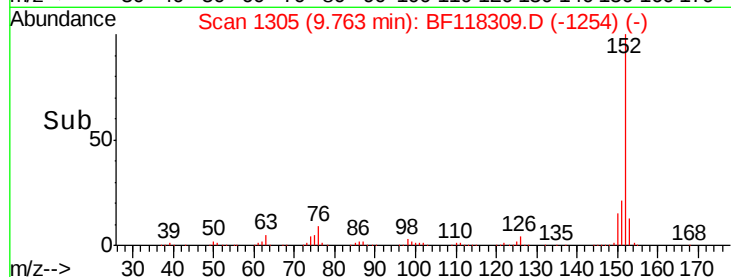
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.993 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

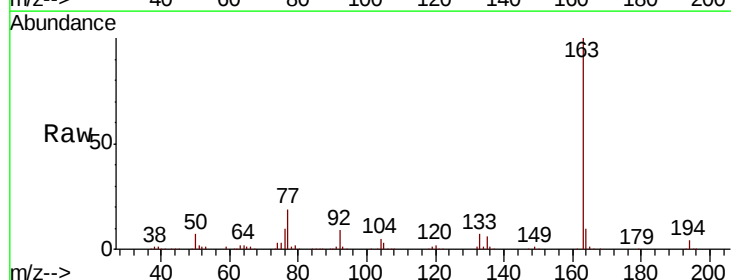
Tgt Ion:163 Resp: 931436

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

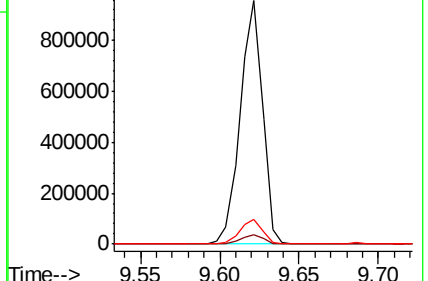
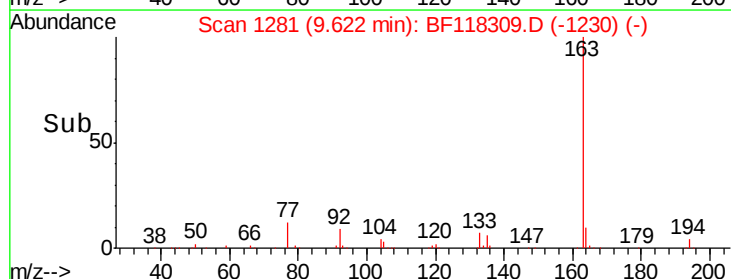
164 10.3 7.9 11.9

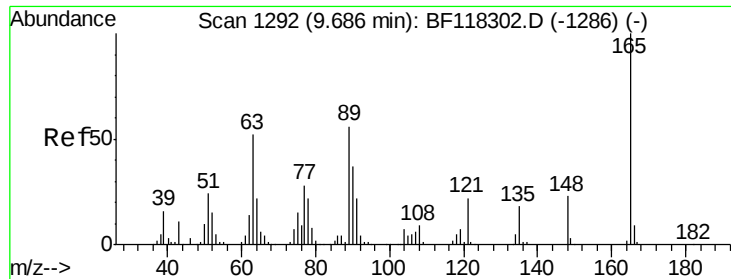


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





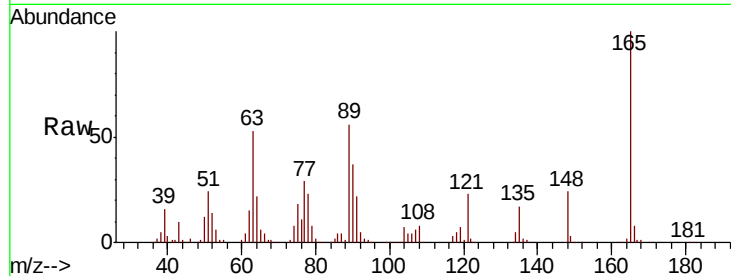
#51
2,6-Dinitrotoluene
Concen: 37.766 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

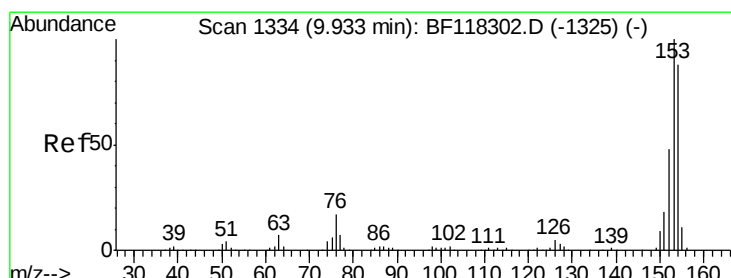
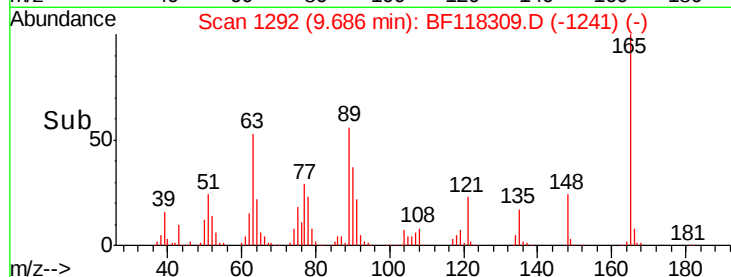
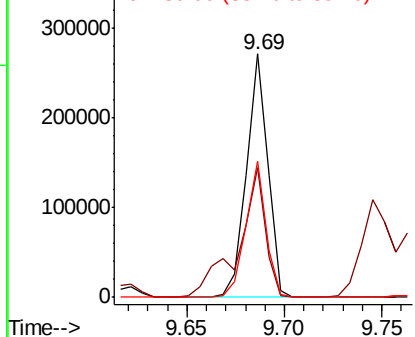
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.2	63.4
89	55.7	44.4	66.6

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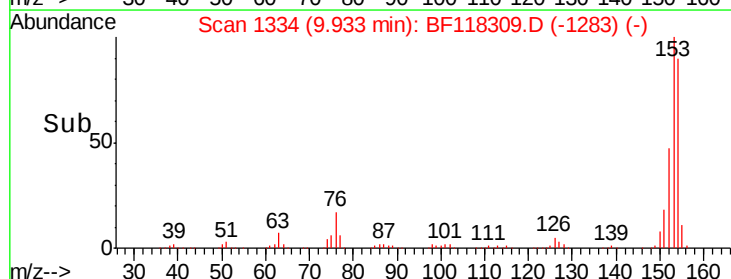
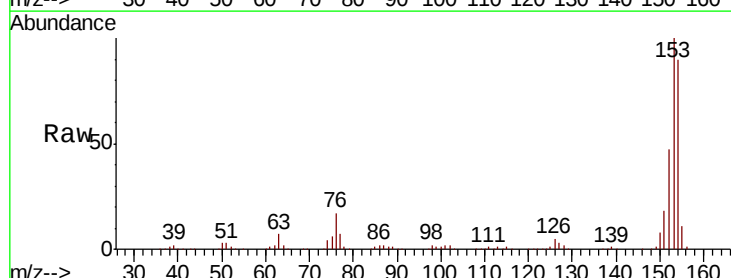
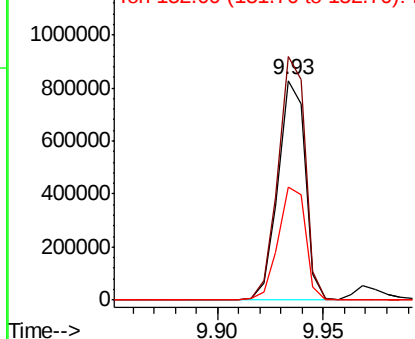
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

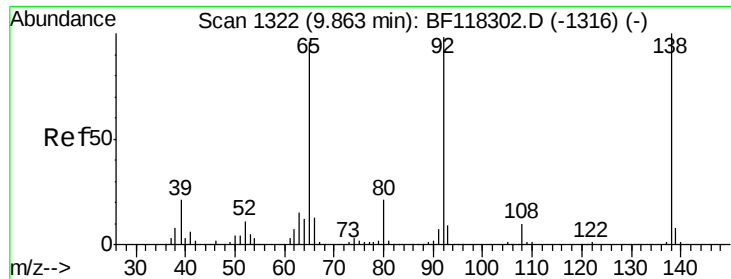


#52
Acenaphthene
Concen: 38.338 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.6	136.0
152	51.7	43.1	64.7

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





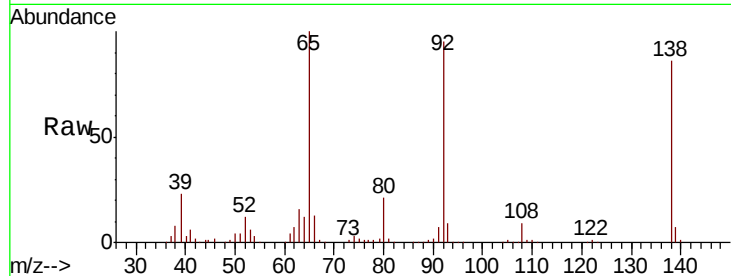
#53
3-Nitroaniline
Concen: 37.720 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.8	11.8
92	110.5	78.2	117.2

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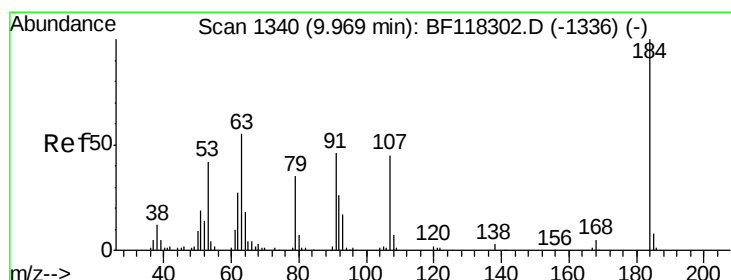
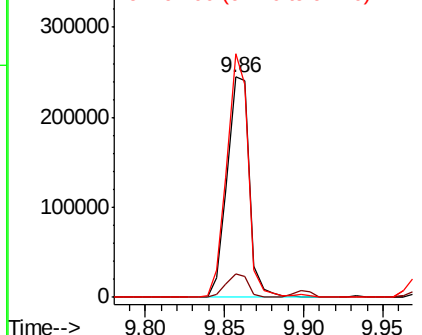
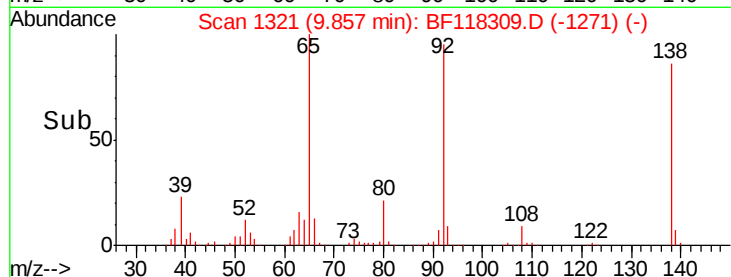


Abundance

Ion 138.00 (137.70 to 138.70): E

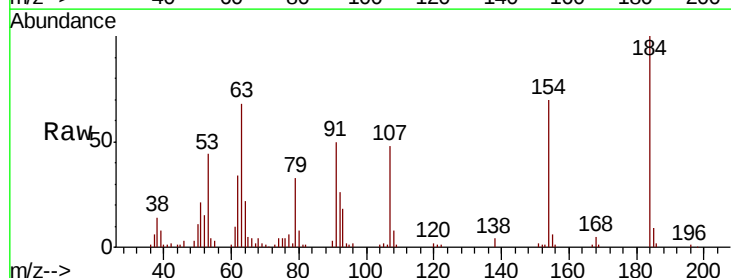
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 33.031 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	48.8	73.2
154	70.0	55.0	82.4

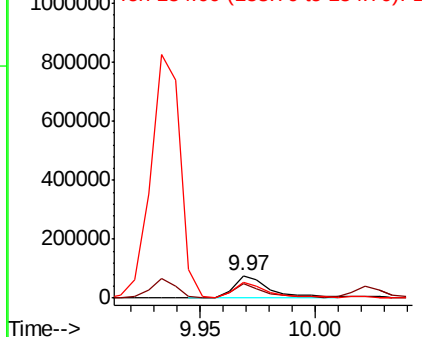
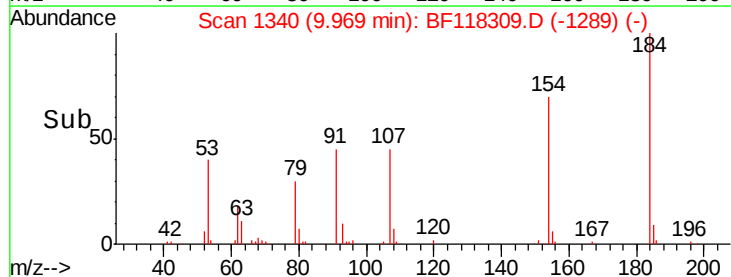


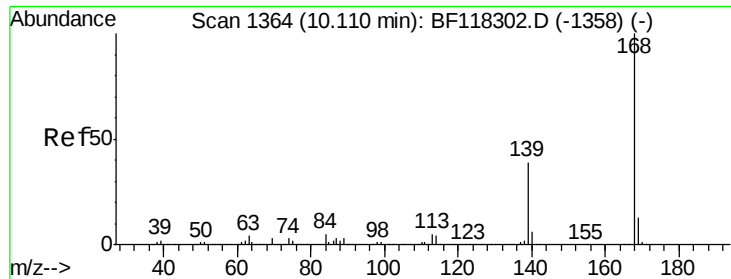
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





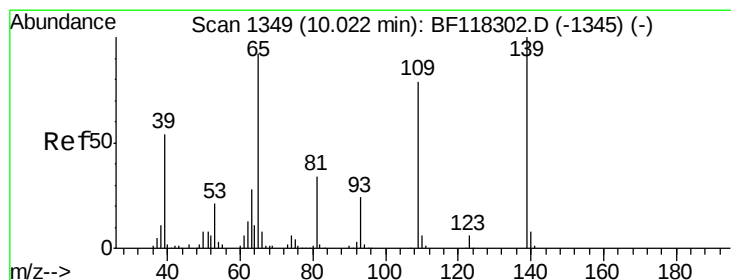
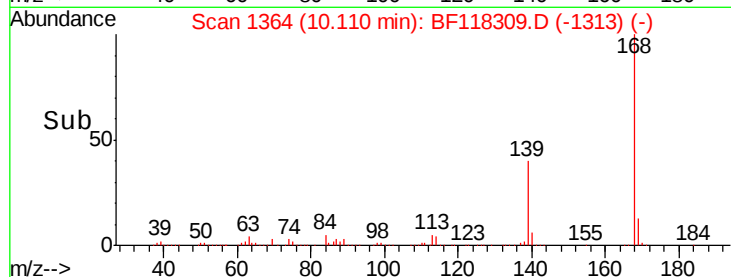
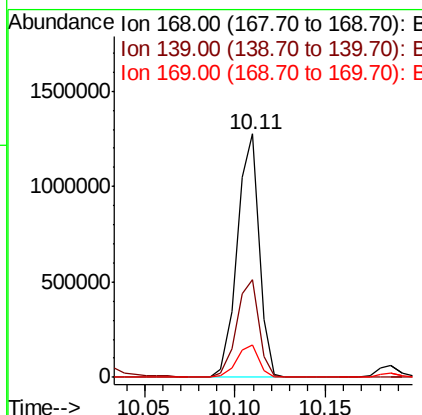
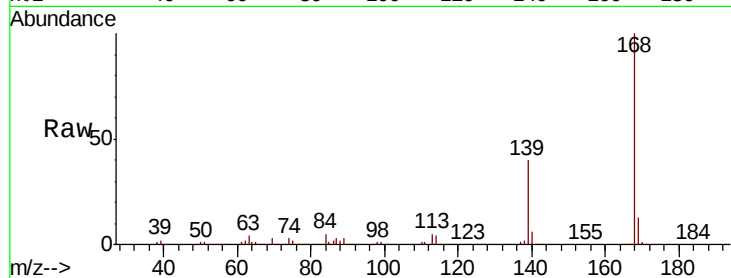
#55
Dibenzofuran
Concen: 37.798 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.5	47.3
169	13.4	10.4	15.6

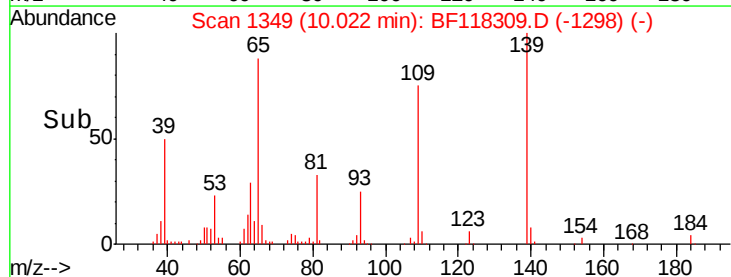
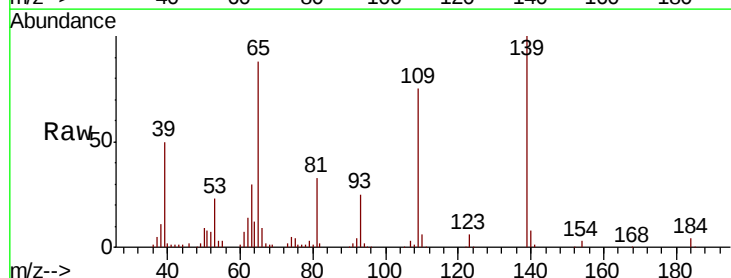
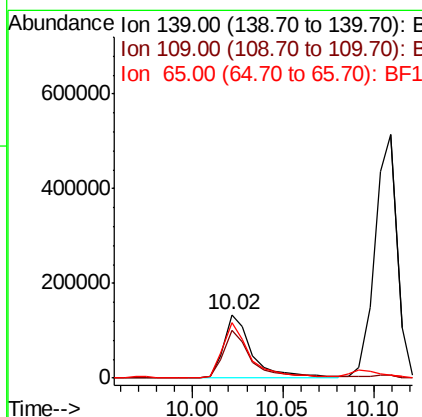
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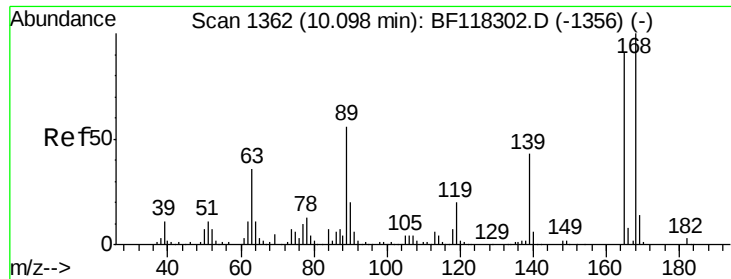
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#56
4-Nitrophenol
Concen: 37.472 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	59.3	99.3
65	87.6	72.4	112.4





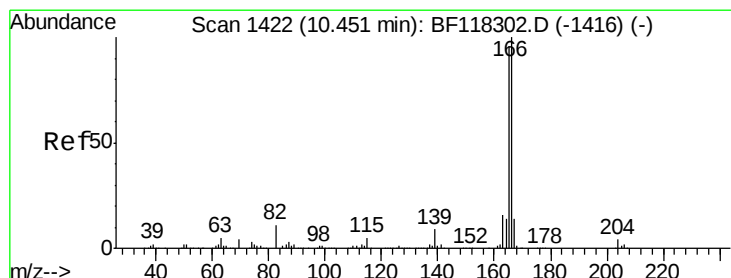
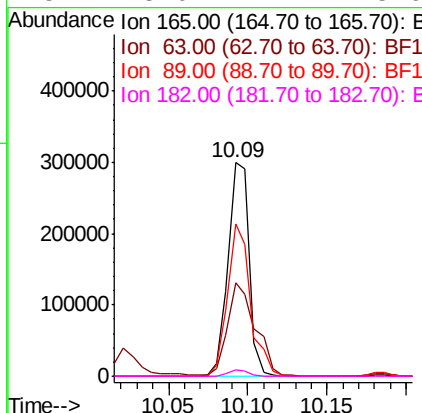
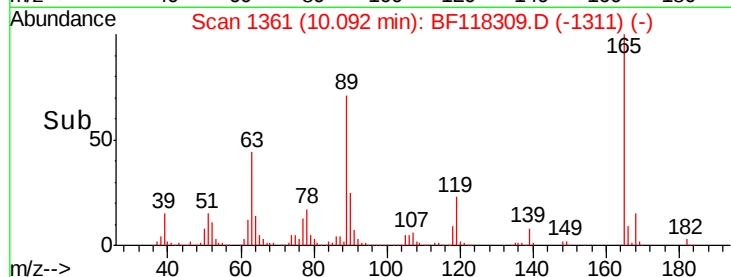
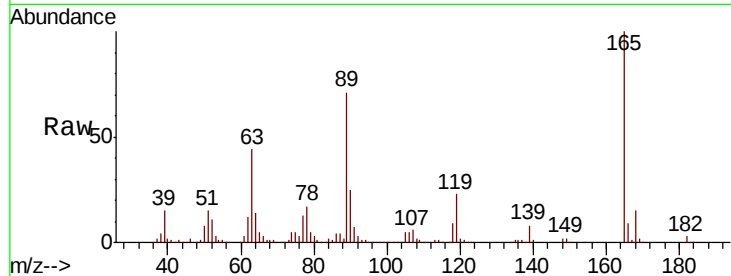
#57
2,4-Dinitrotoluene
Concen: 38.039 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275914		
63	43.6	32.0	48.0	
89	71.5	49.3	73.9	
182	3.0	2.4	3.6	

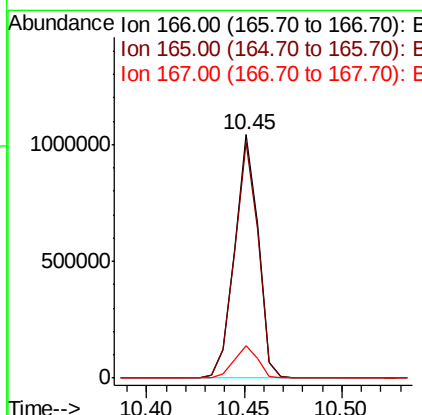
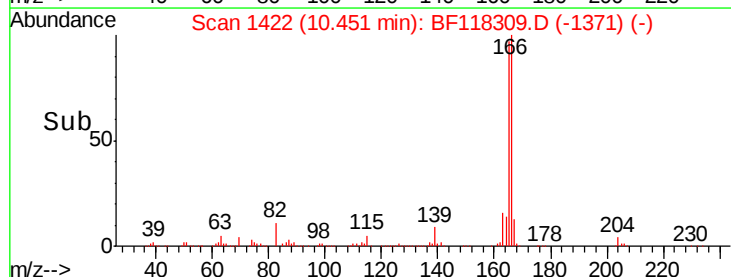
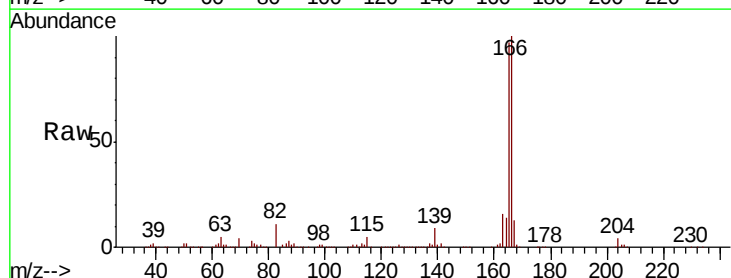
Manual Integrations
APPROVED

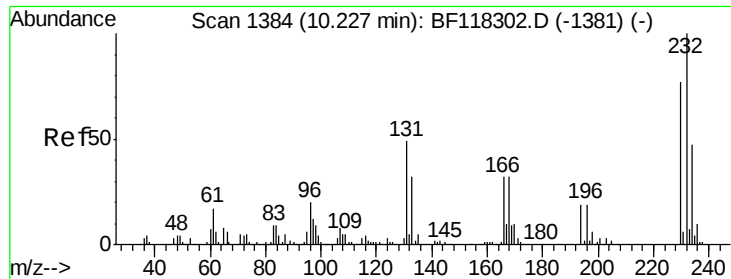
mohammad
12/27/2019 3:18:55 PM



#58
Fluorene
Concen: 37.793 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	869570		
165	97.1	77.0	115.4	
167	13.4	10.9	16.3	





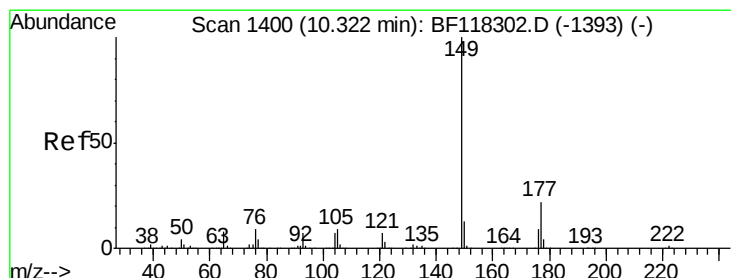
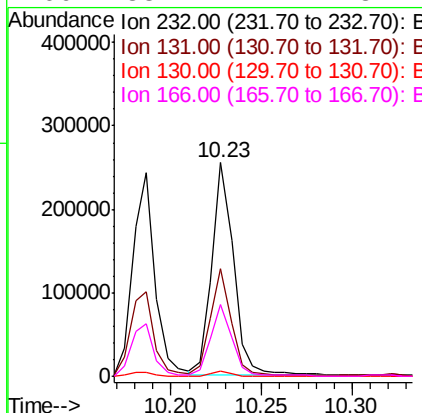
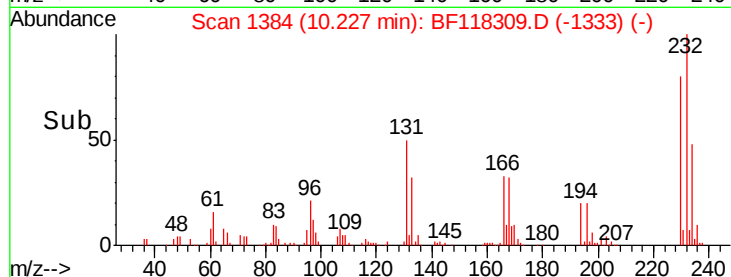
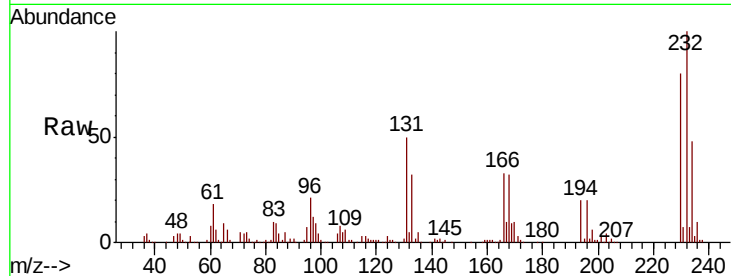
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.408 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.4	37.7	56.5
130	2.4	2.0	3.0
166	33.4	24.7	37.1

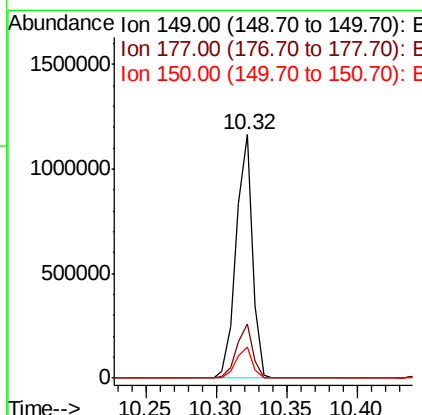
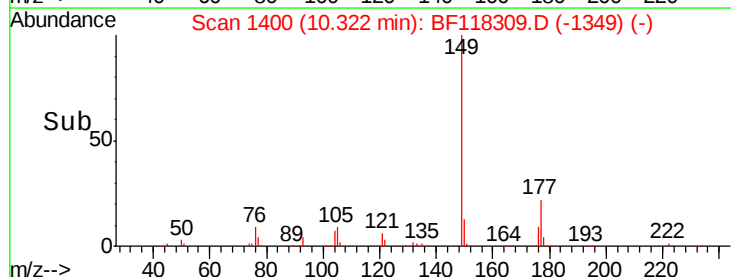
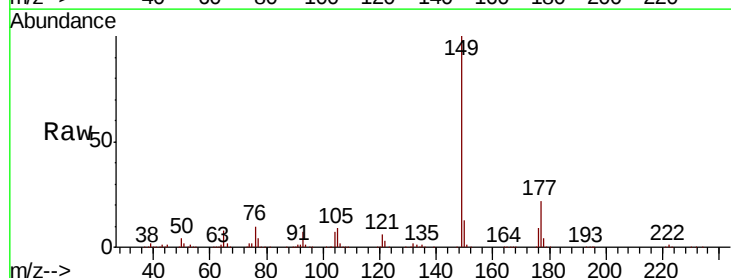
Manual Integrations
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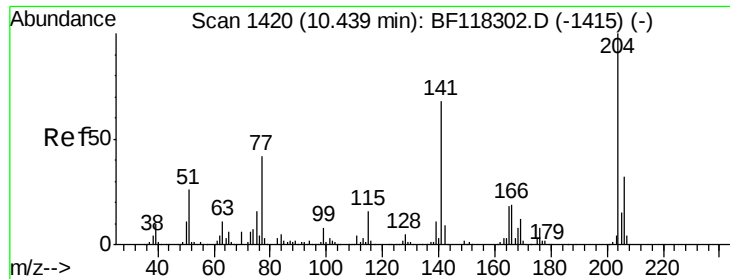
mohammad
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#60
 Diethylphthalate
 Concen: 37.469 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.6	10.2	15.2





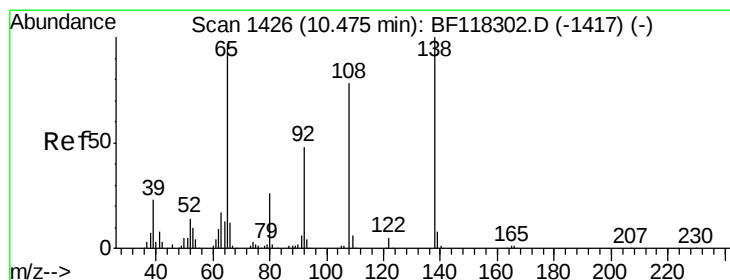
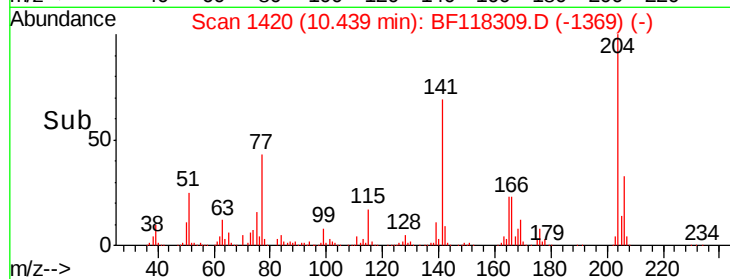
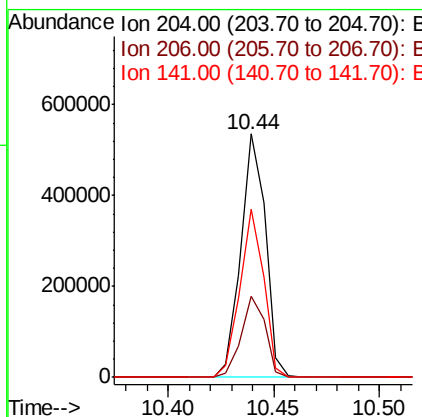
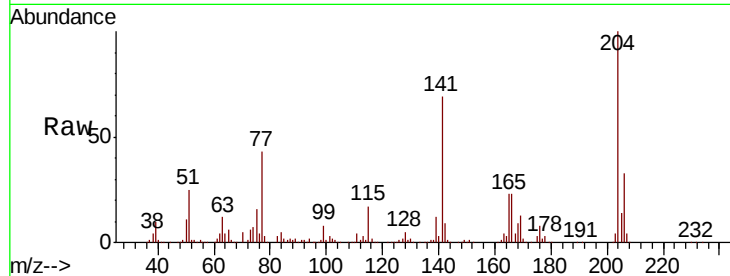
#61
 4-Chlorophenyl-phenylether
 Concen: 37.484 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	430532
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.8	38.8
141	69.3	54.2	81.4

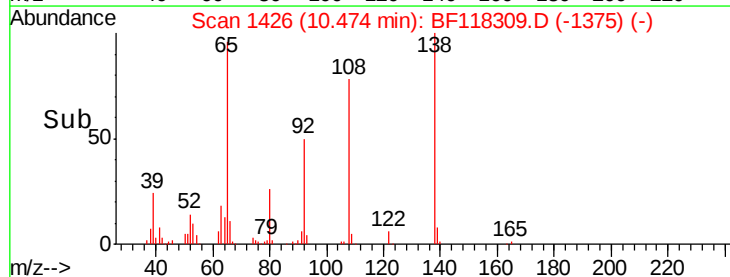
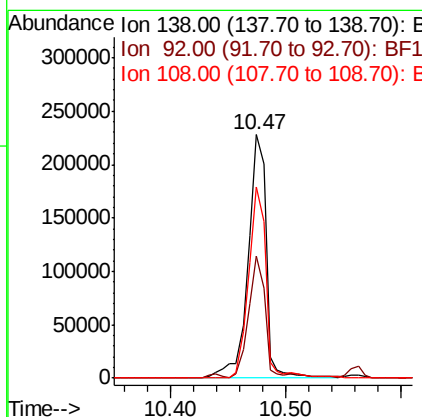
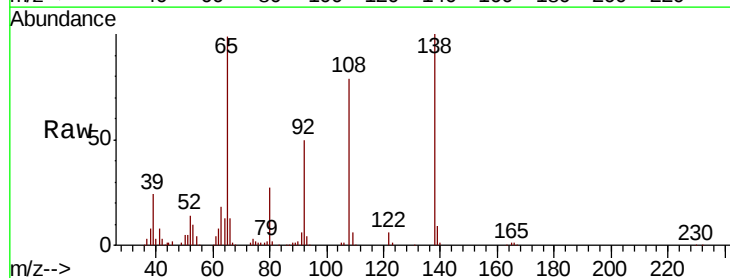
Manual Integrations
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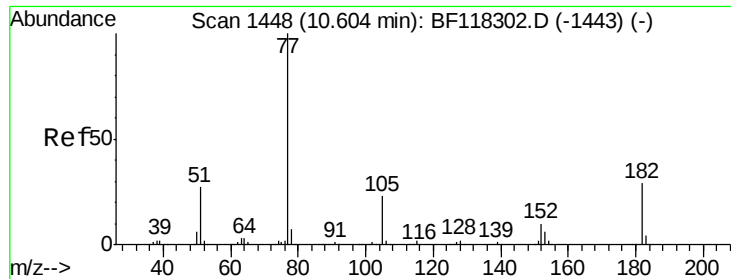
mohammad
 12/27/2019 3:18:55 PM



#62
 4-Nitroaniline
 Concen: 37.634 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion:	138	Resp:	249094
Ion Ratio	Lower	Upper	
138	100		
92	50.0	27.9	67.9
108	78.6	58.1	98.1





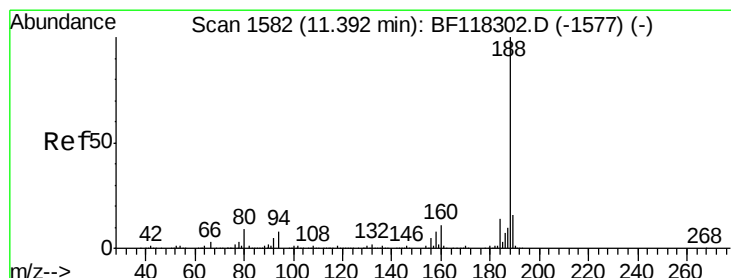
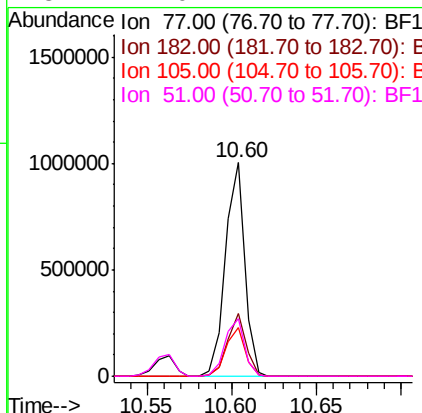
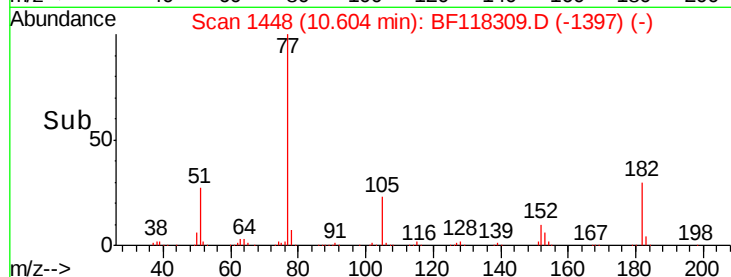
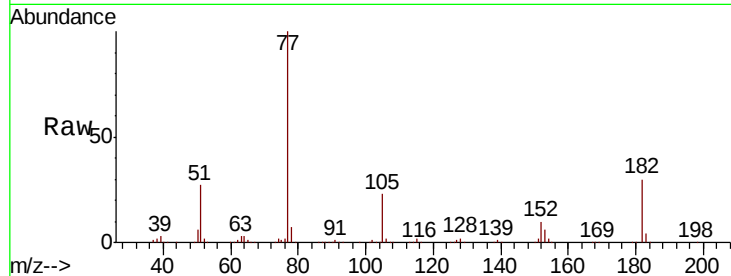
#63
Azobenzene
Concen: 37.352 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		796950		
182	29.7	9.2	49.2		
105	22.9	3.2	43.2		
51	27.0	7.1	47.1		

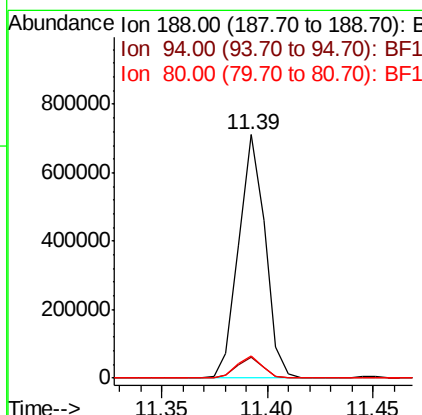
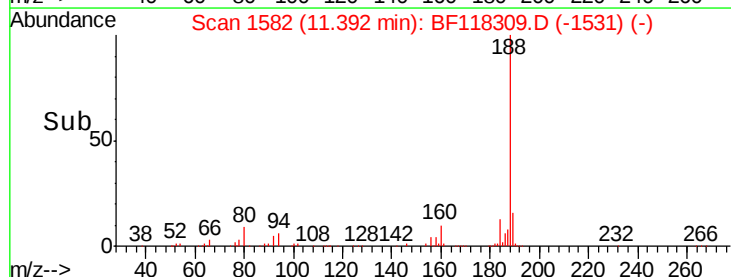
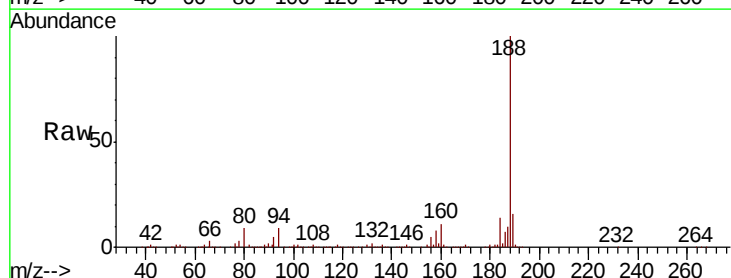
Manual Integrations
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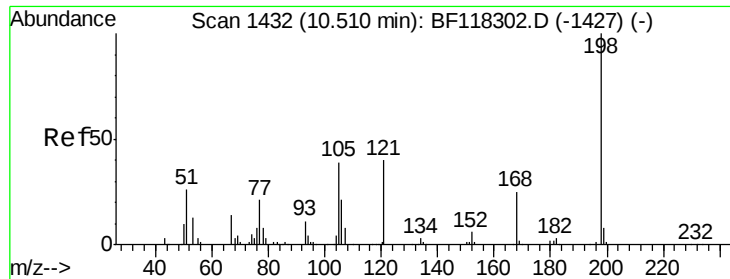
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		617140		
94	8.7	6.7	10.1		
80	8.9	7.2	10.8		





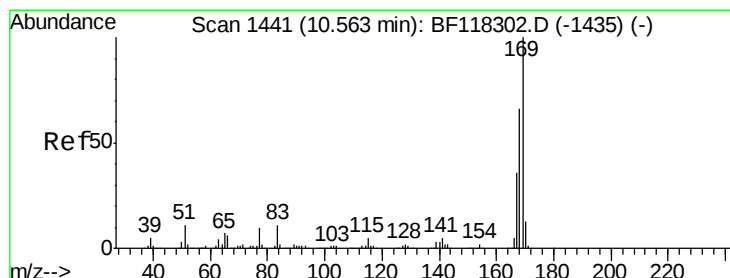
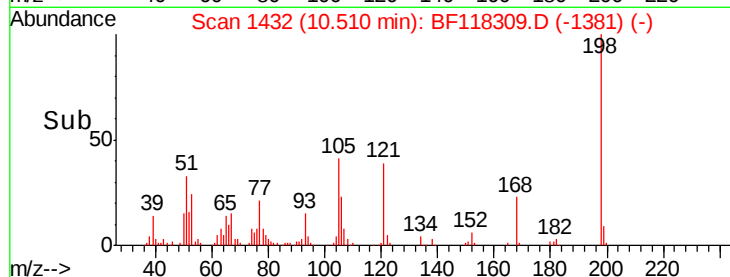
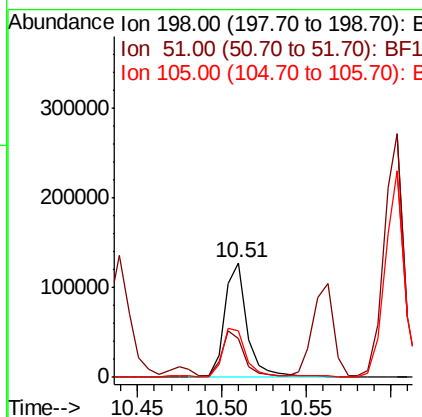
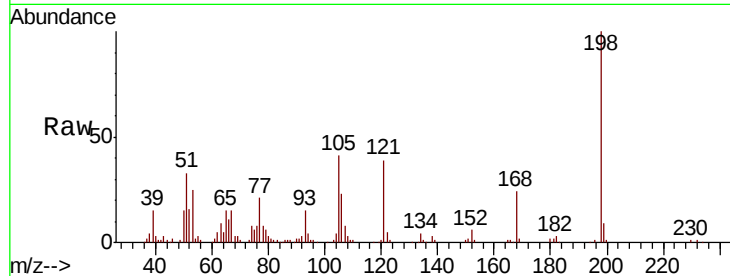
#65
4,6-Dinitro-2-methylphenol
Concen: 35.805 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119202		
51	33.4	12.8	52.8	
105	40.7	20.3	60.3	

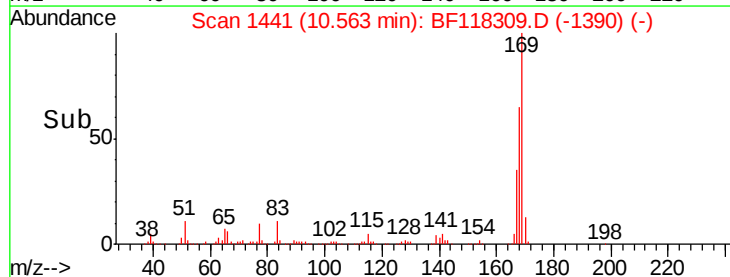
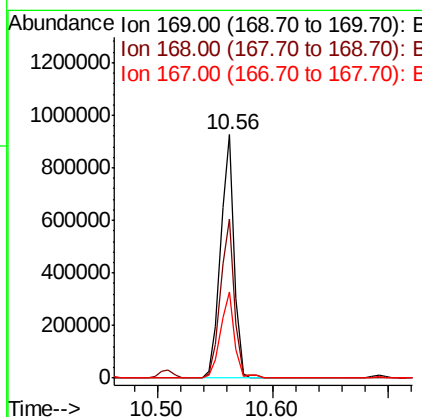
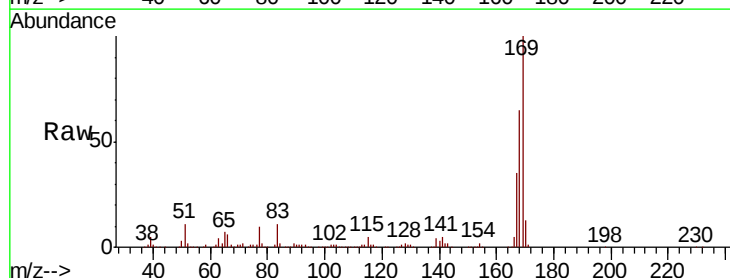
Manual Integrations
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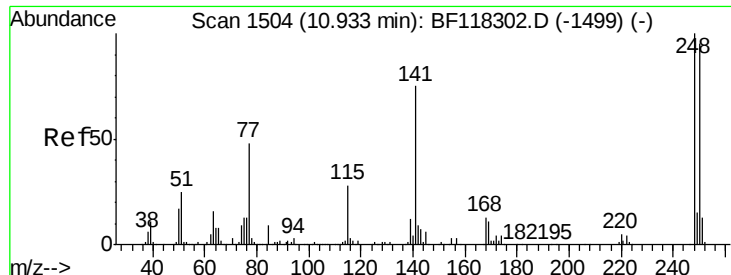
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.046 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	752523		
168	65.2	52.6	79.0	
167	35.5	28.4	42.6	





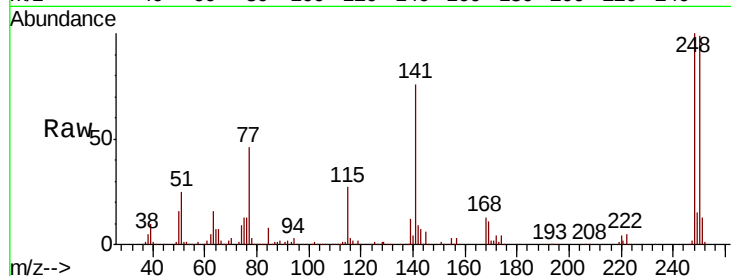
#67
4-Bromophenyl-phenylether
Concen: 37.541 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.4	114.6
141	75.6	60.2	90.2

Manual Integrations
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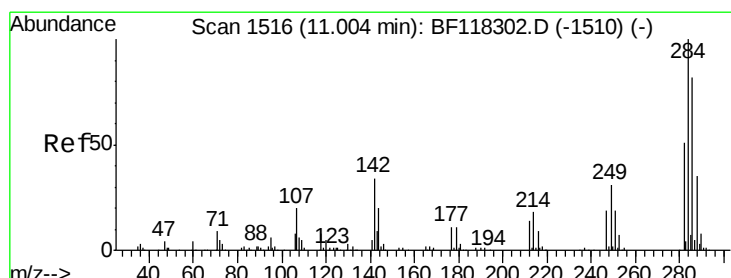
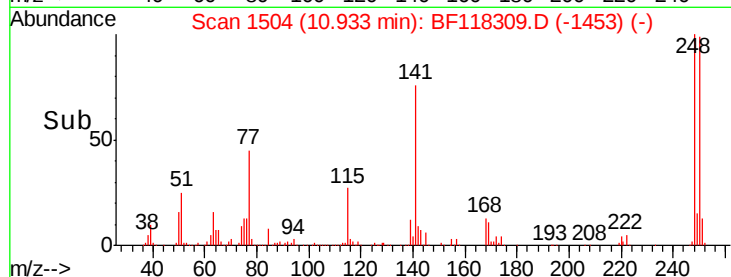
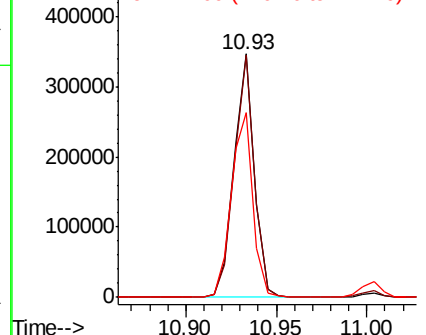


Abundance

Ion 248.00 (247.70 to 248.70): E

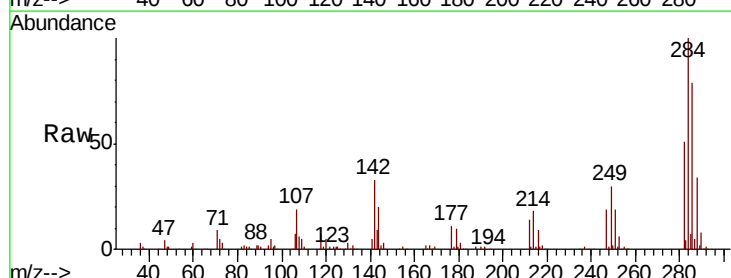
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.799 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	27.3	40.9
249	30.2	25.0	37.6

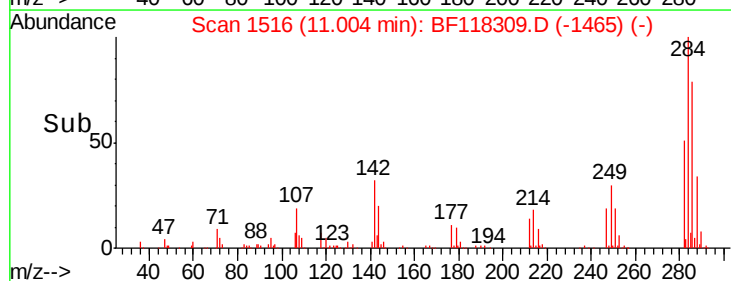
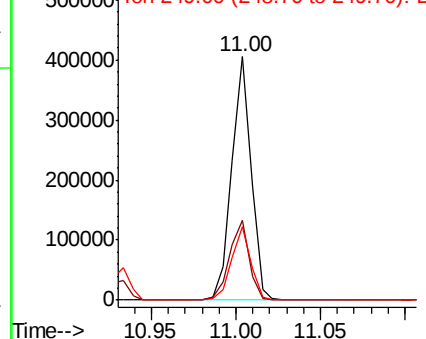


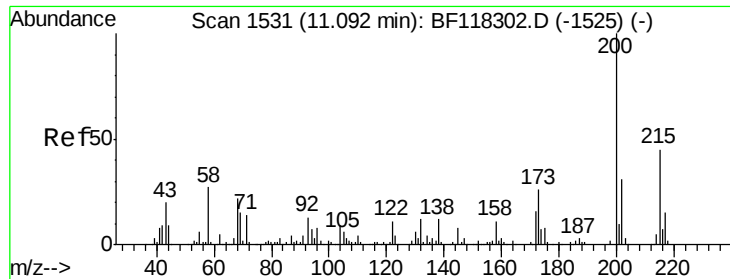
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





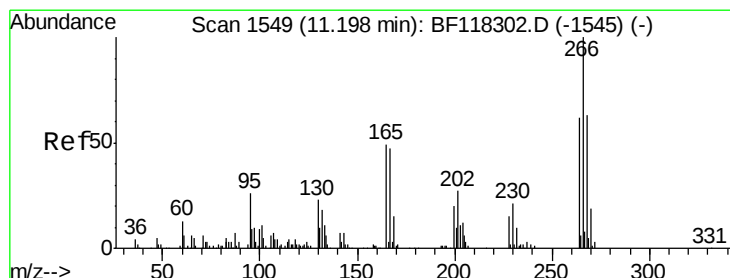
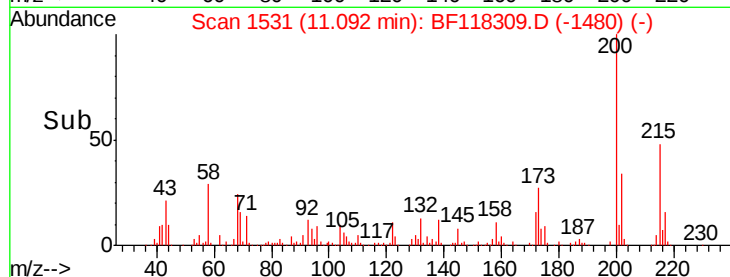
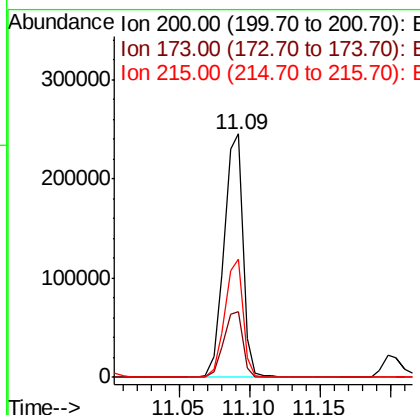
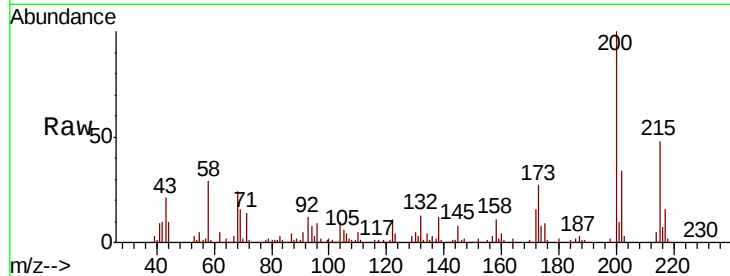
#69
Atrazine
Concen: 37.540 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	229165		
173	26.9	5.8	45.8	
215	48.5	25.1	65.1	

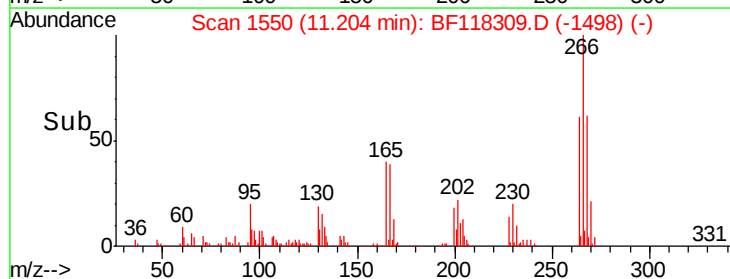
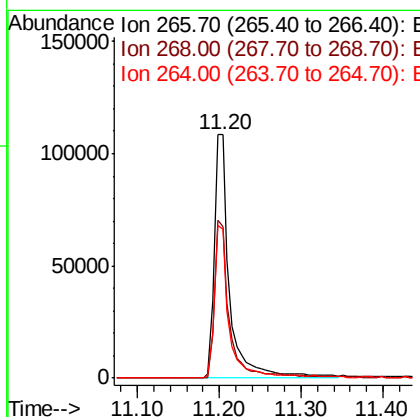
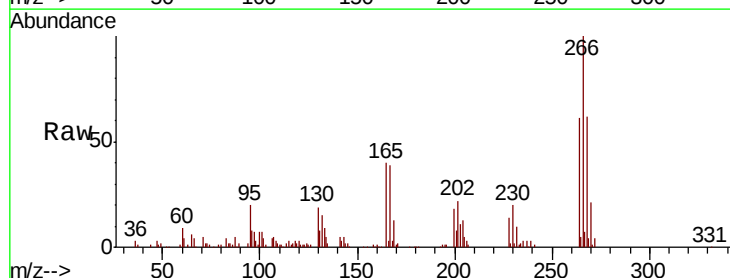
Manual Integrations
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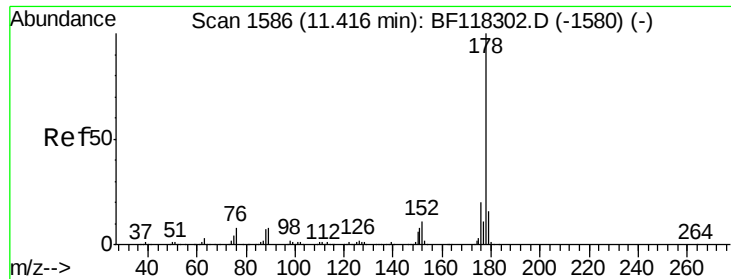
mohammad
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#70
Pentachlorophenol
Concen: 38.698 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	142478		
268	62.5	50.6	76.0	
264	61.0	49.9	74.9	





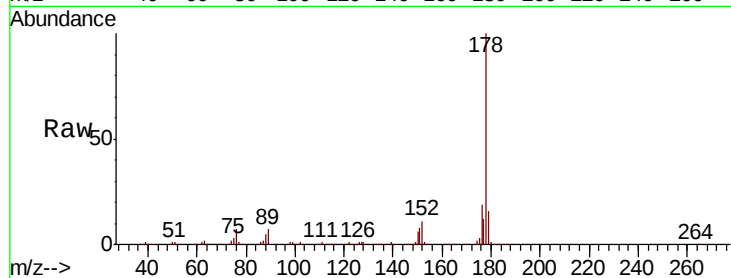
#71
Phenanthrene
Concen: 37.788 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	12.6	19.0

Manual Integrations
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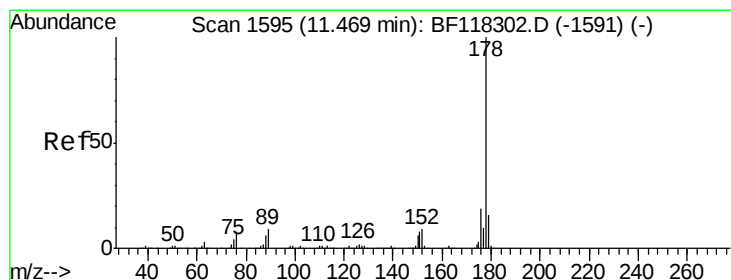
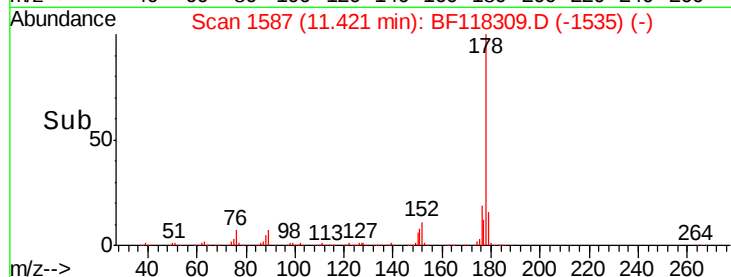
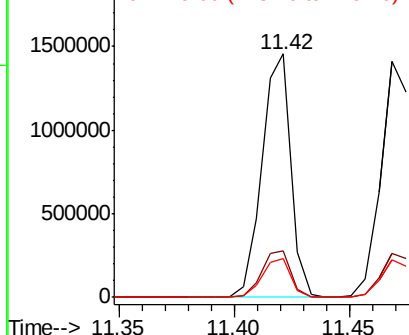


Abundance

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: 38.081 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

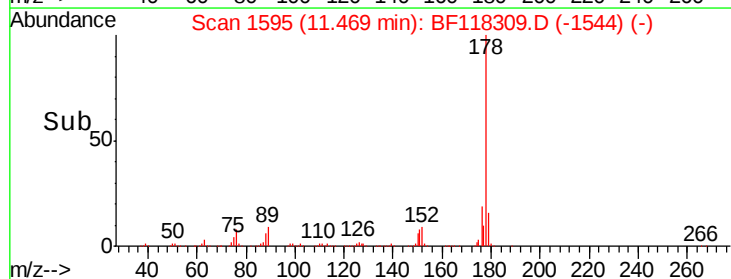
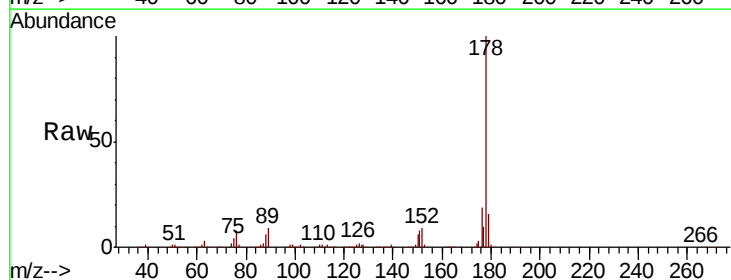
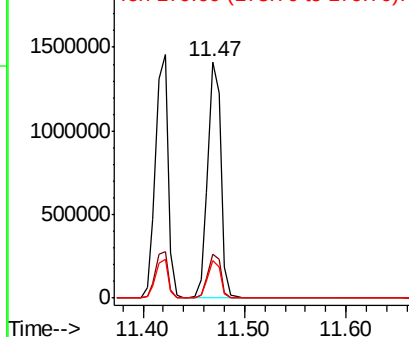
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.0	12.9	19.3

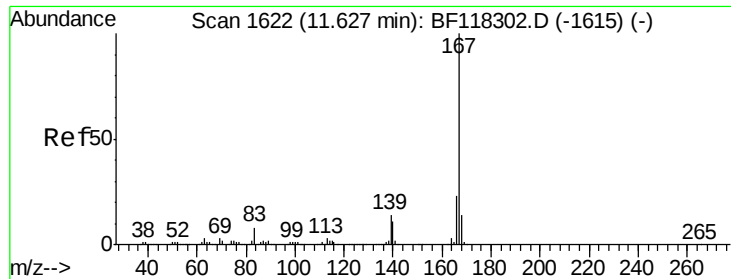
Abundance

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





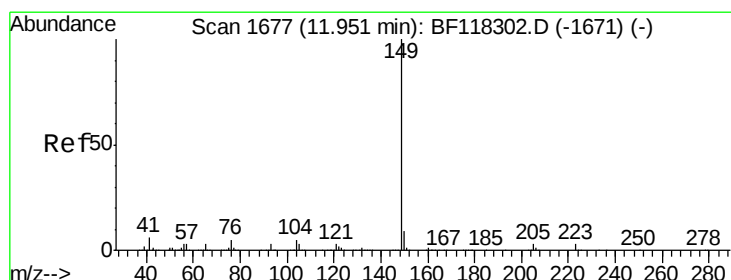
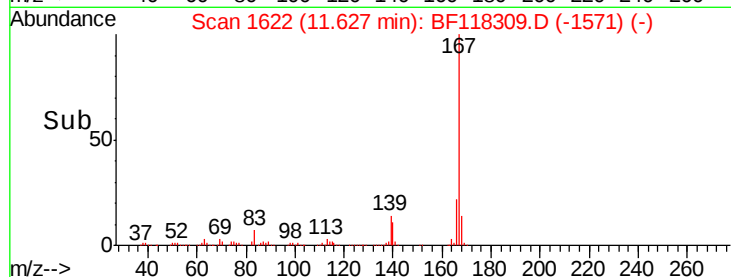
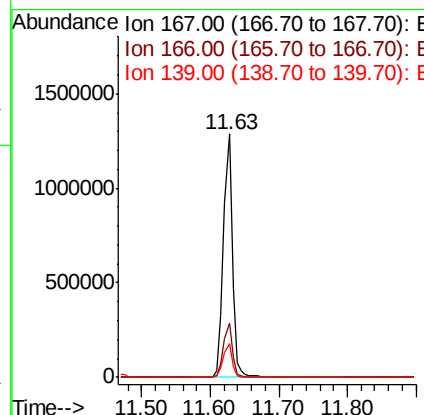
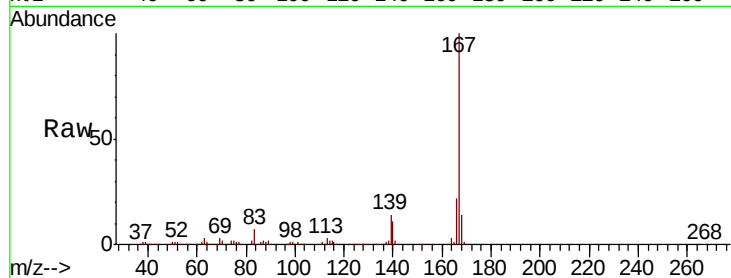
#73
 Carbazole
 Concen: 38.113 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.8	11.5	17.3

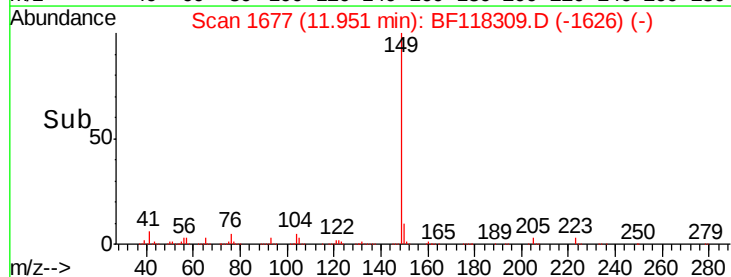
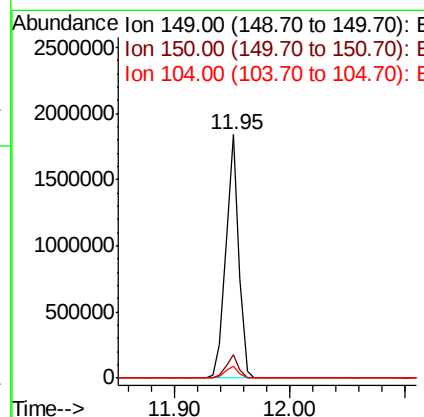
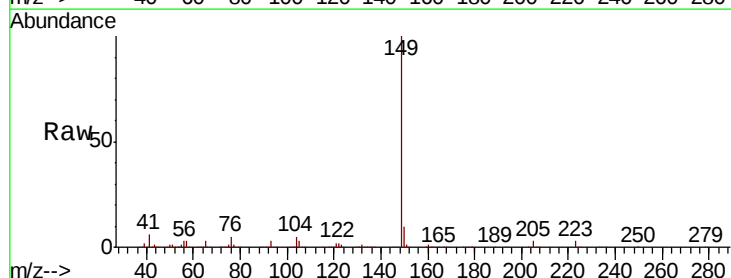
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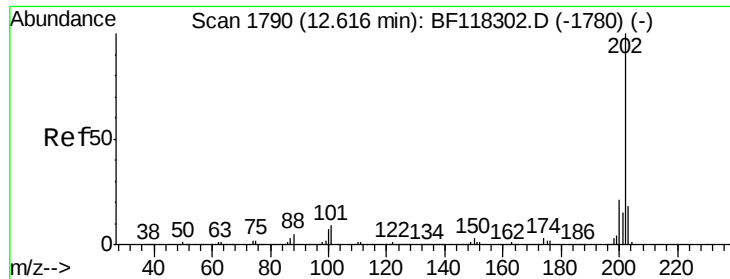
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.665 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 37.536 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

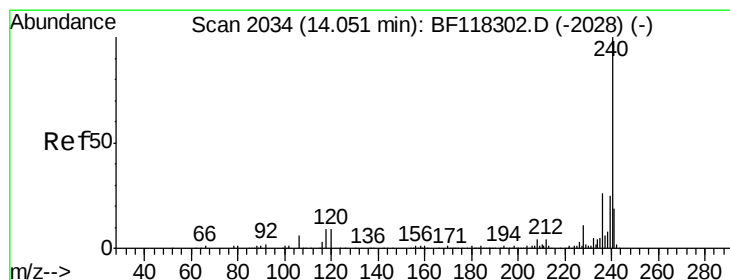
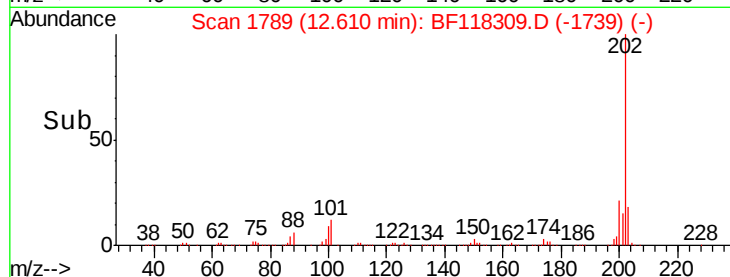
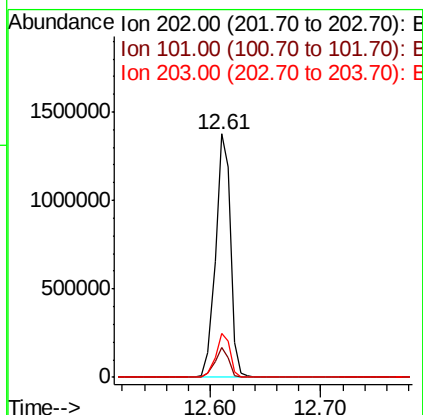
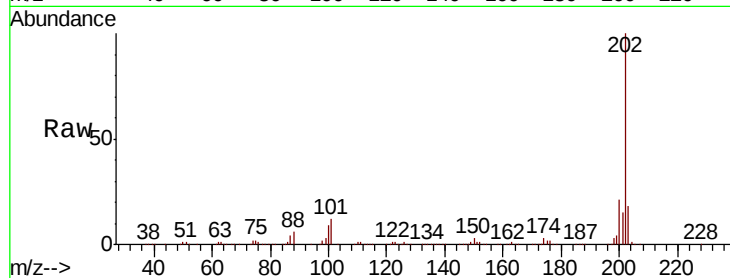
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1274472
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.5
203	18.3	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

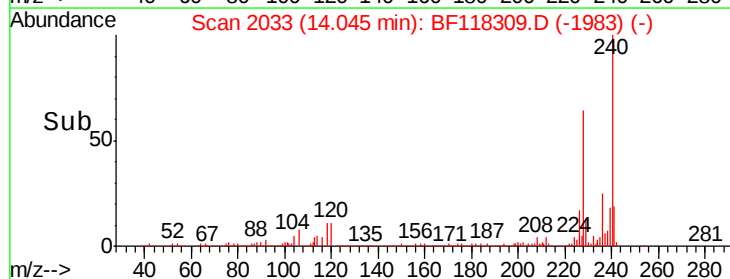
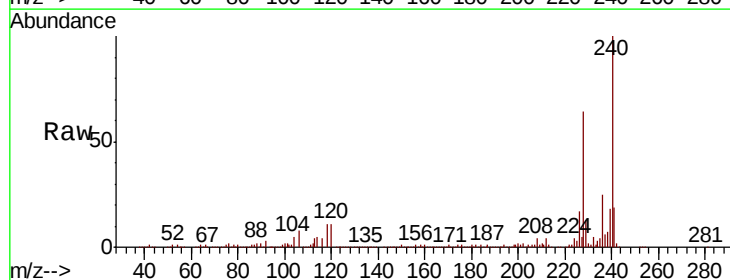
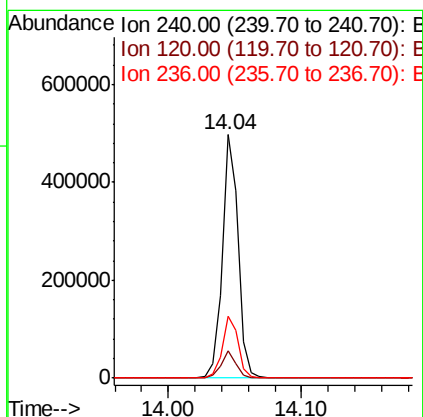
RT: 14.04 min Scan# 2033

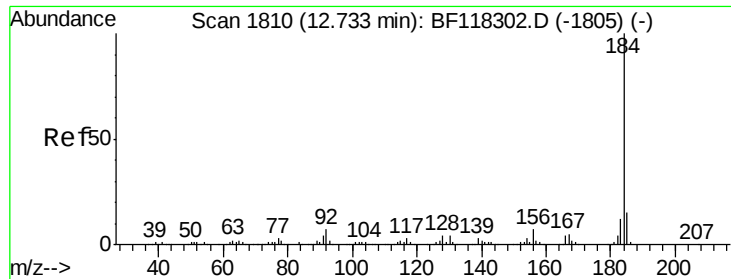
Delta R.T. -0.01 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Tgt Ion:	240	Resp:	415441
Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	25.3	21.0	31.6





#77

Benzidine

Concen: 43.280 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

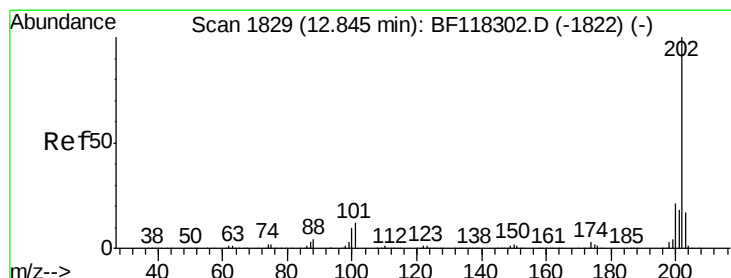
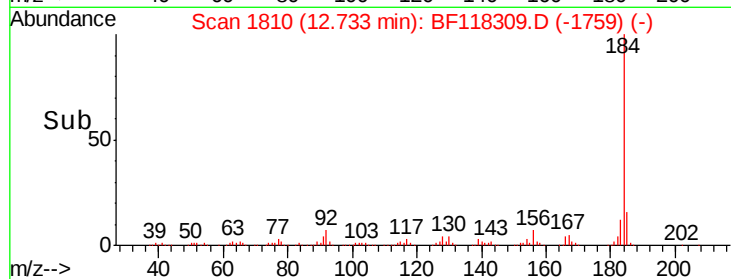
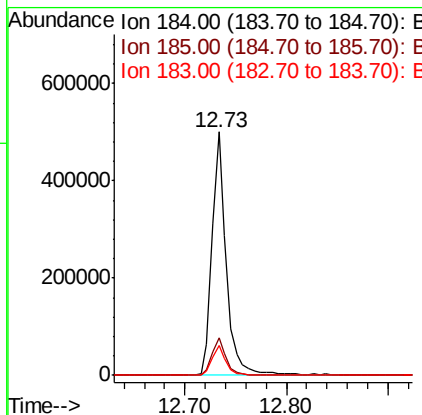
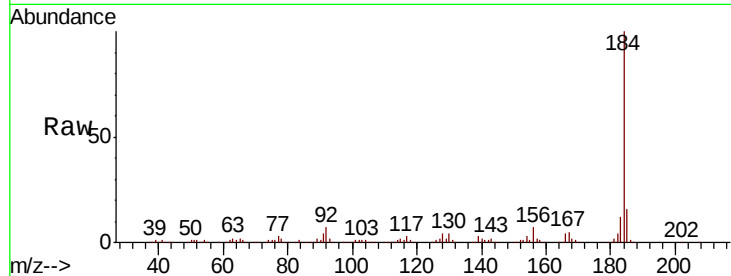
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	492668
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.3	18.5
183	12.2	9.4	14.2

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#78

Pyrene

Concen: 38.340 ng

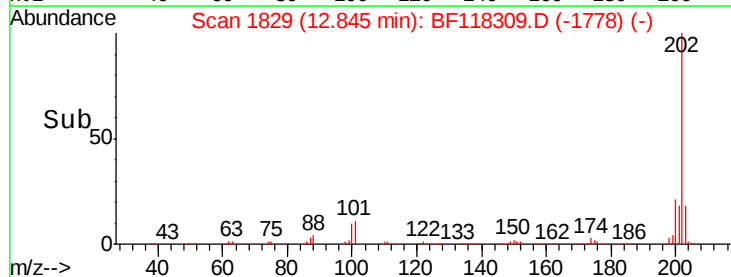
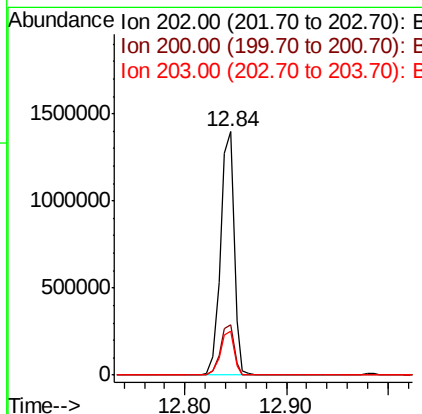
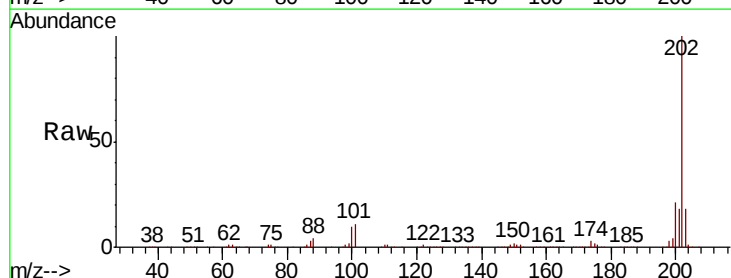
RT: 12.84 min Scan# 1829

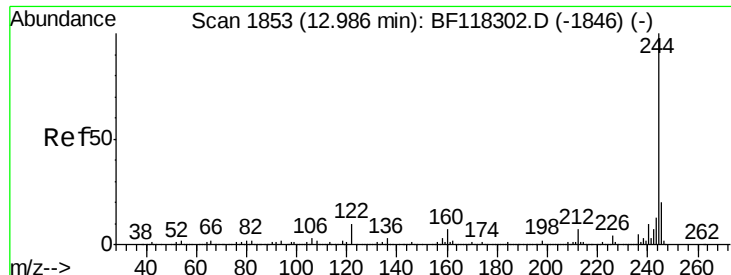
Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Tgt Ion:	202	Resp:	1300709
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	18.0	13.9	20.9





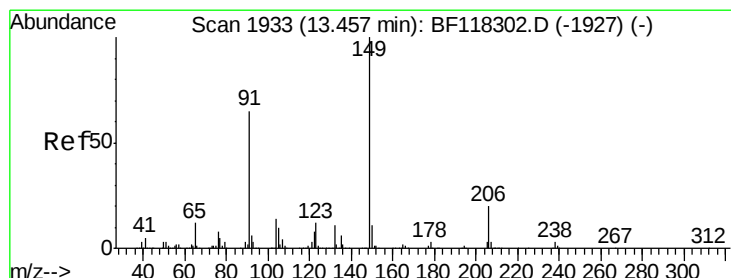
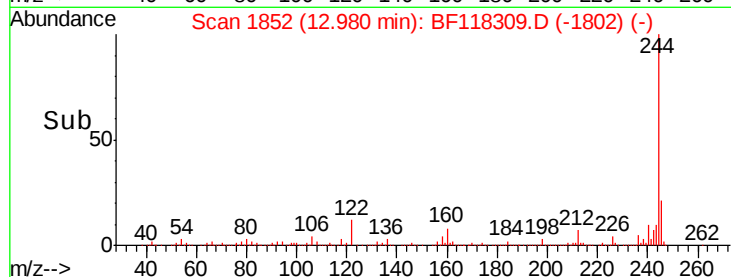
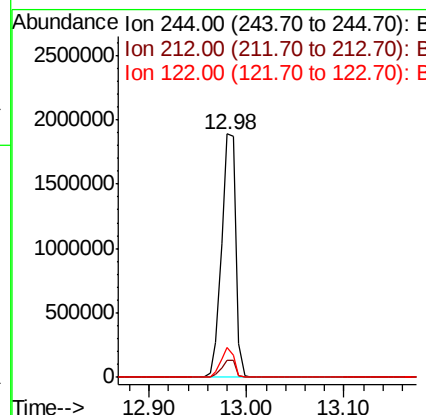
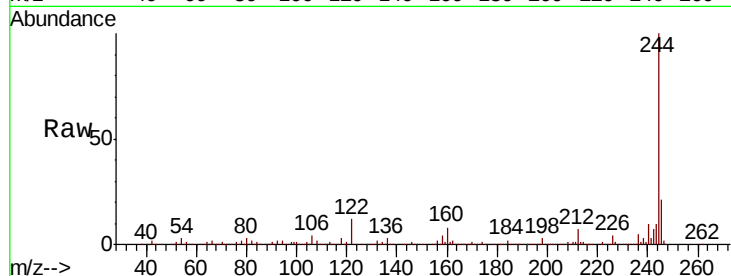
#79
 Terphenyl-d14
 Concen: 76.272 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	12.4	7.8	11.8

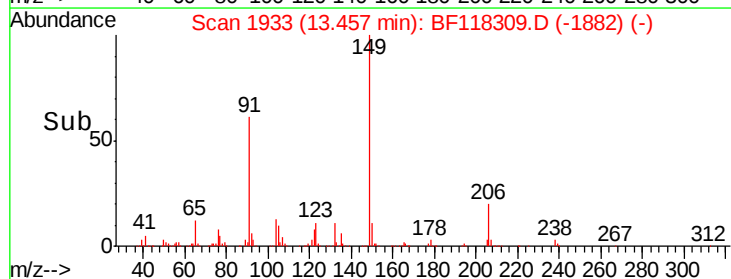
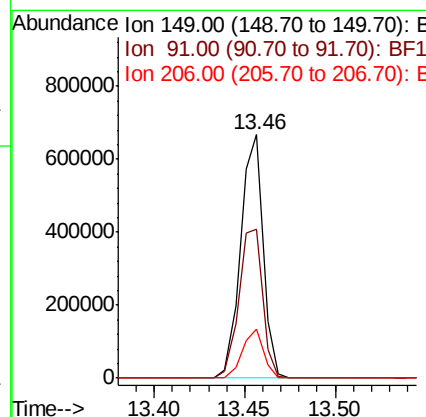
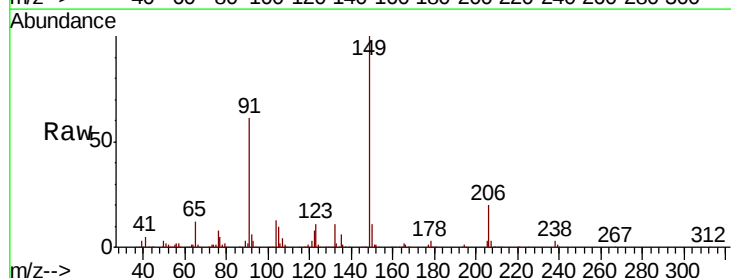
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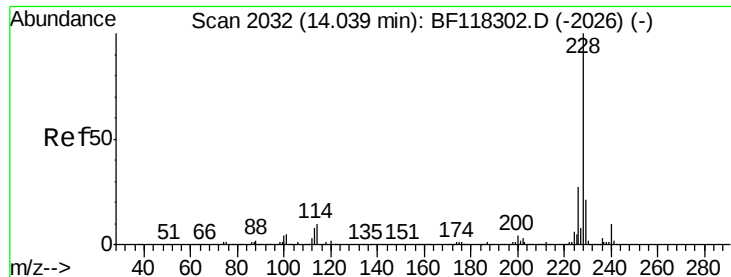
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#80
 Butylbenzylphthalate
 Concen: 37.823 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF118309.D
 Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.3	51.8	77.6
206	20.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 37.838 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1100322

Ion Ratio Lower Upper

228 100

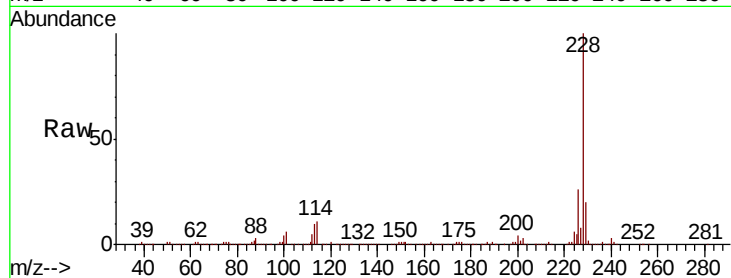
226 26.1 22.0 33.0

229 20.0 16.6 24.8

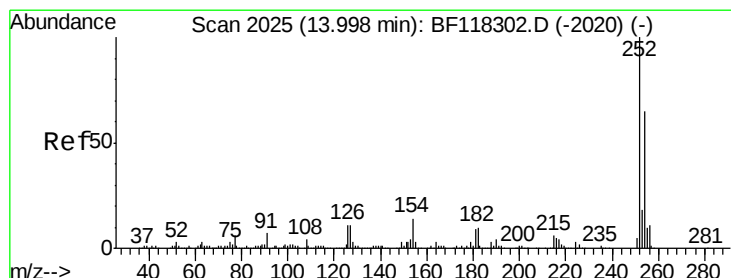
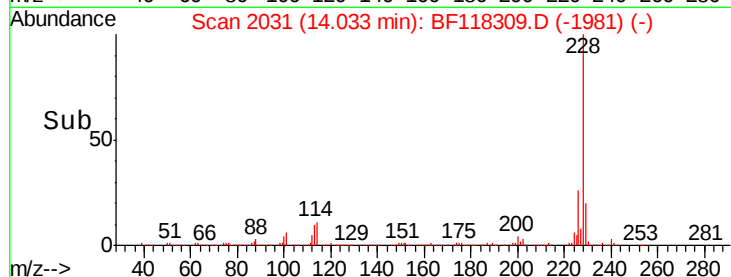
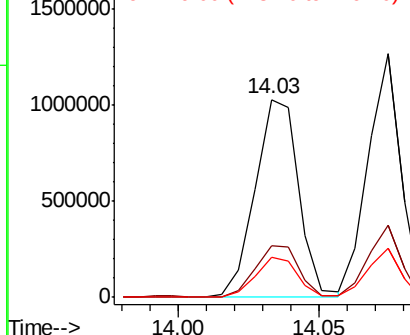
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.723 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

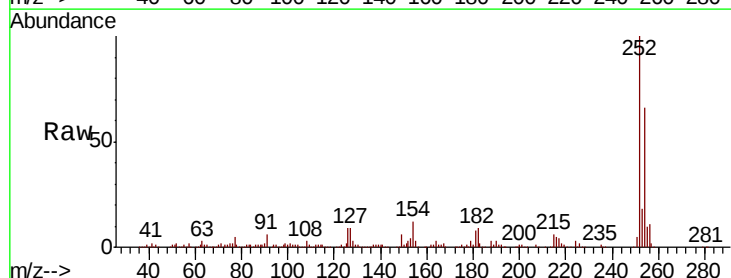
Tgt Ion:252 Resp: 381796

Ion Ratio Lower Upper

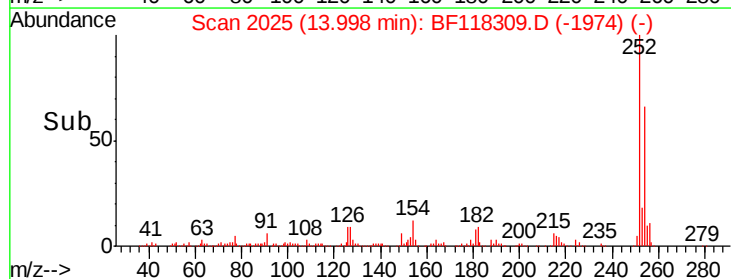
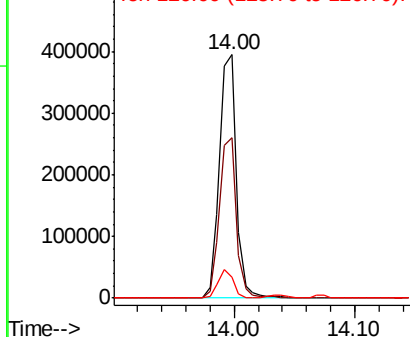
252 100

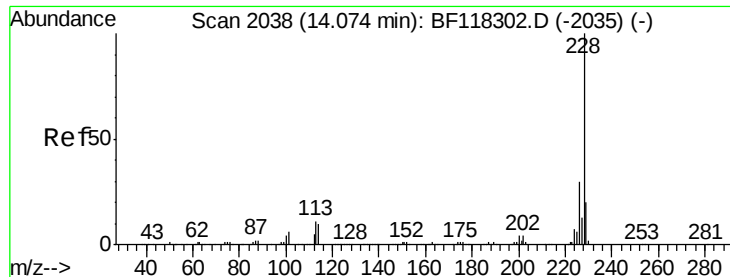
254 65.8 51.8 77.8

126 8.8 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





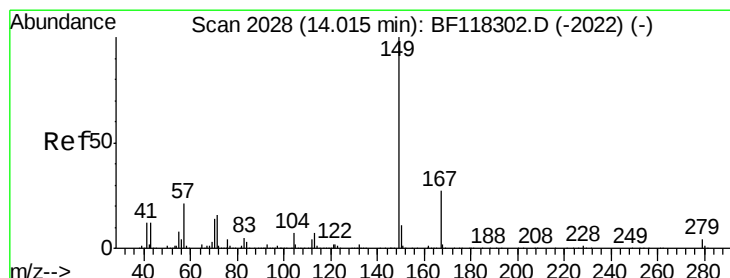
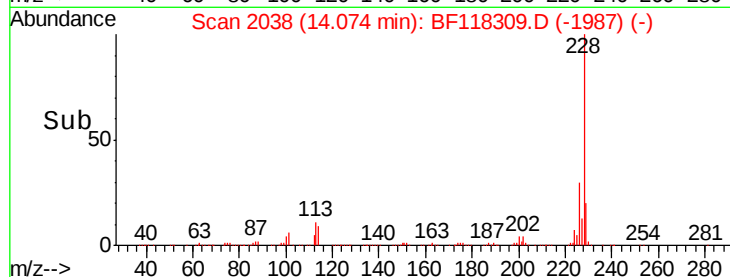
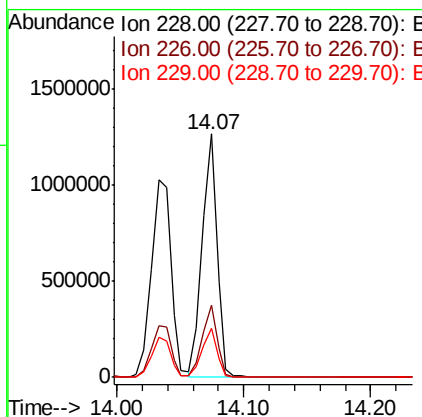
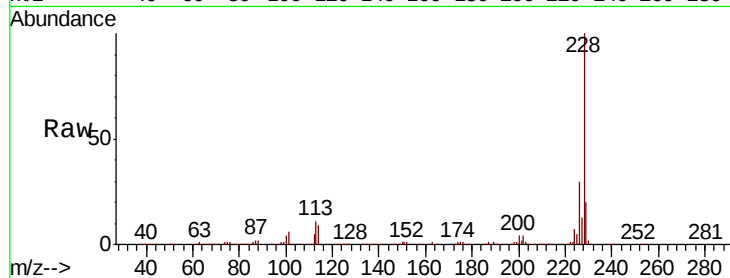
#83
Chrysene
Concen: 37.159 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1034670
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 20.2 16.1 24.1

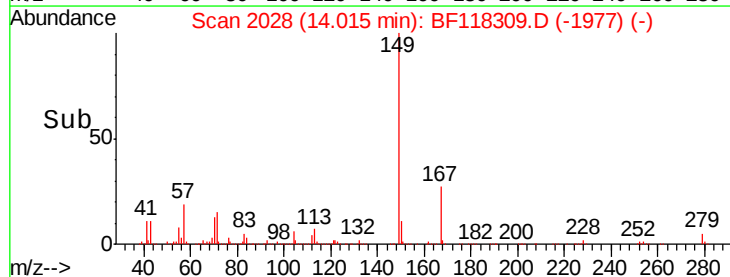
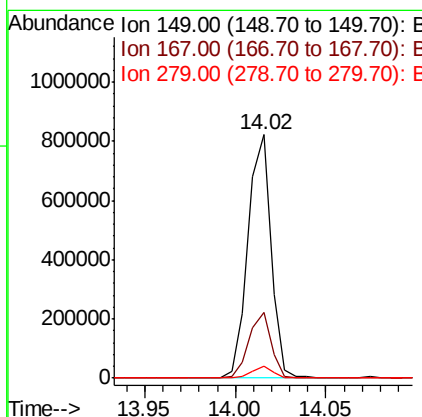
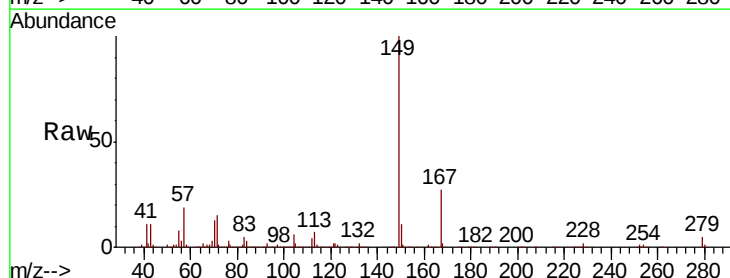
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.392 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion:149 Resp: 730960
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 35.841 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Instrument :

BNA_F

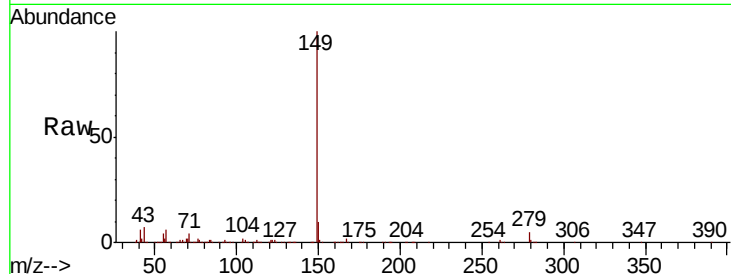
ClientSampleId :

SSTDCCC040

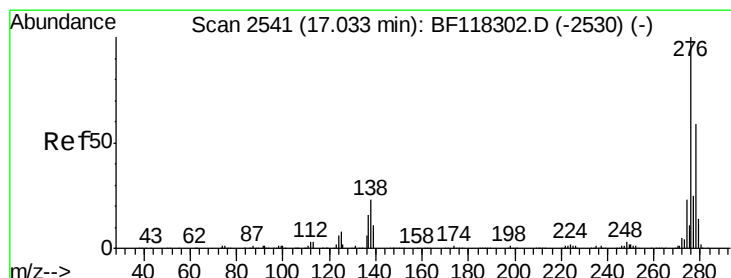
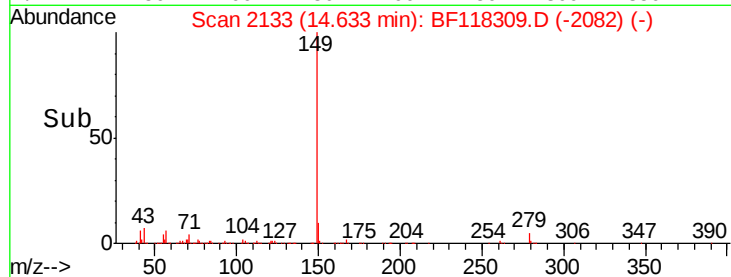
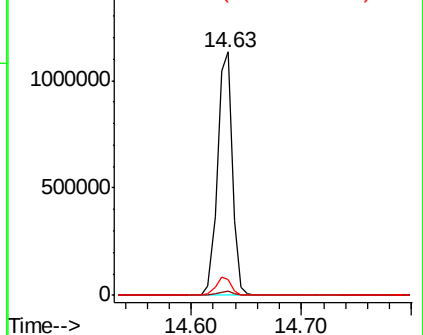
Tot Ion:	149	Resp:	1058935
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.1	9.1

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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: 35.800 ng

RT: 17.04 min Scan# 2542

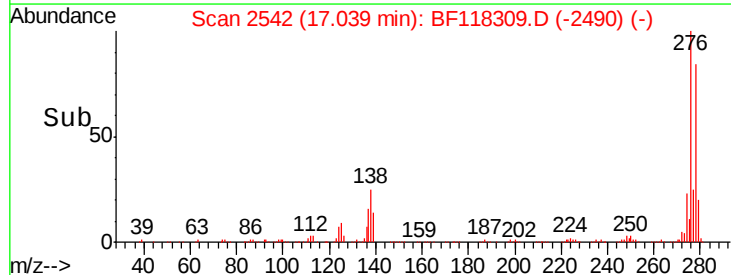
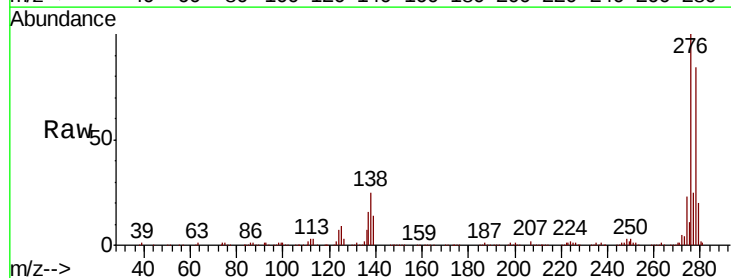
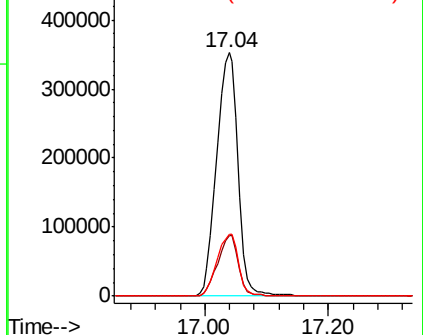
Delta R.T. 0.01 min

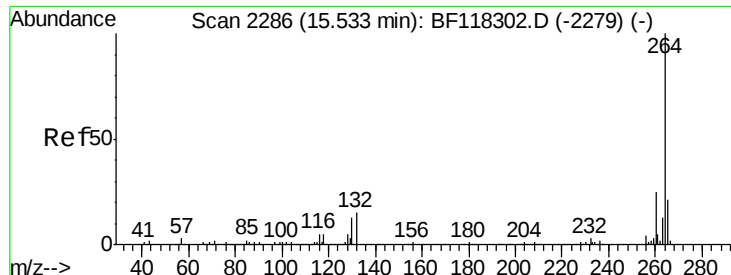
Lab File: BF118309.D

Acq: 26 Dec 2019 11:32

Tgt Ion:	276	Resp:	849355
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.5	29.3
277	25.7	20.6	30.8

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





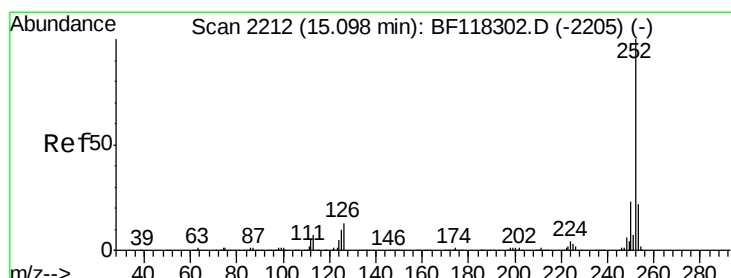
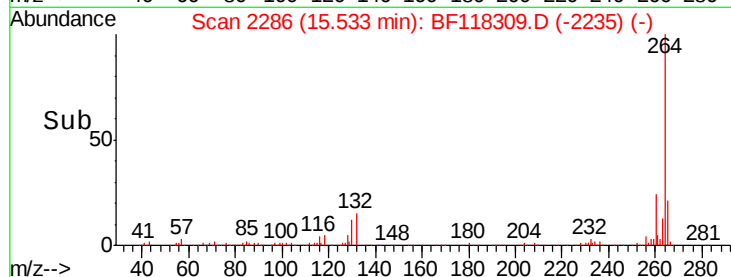
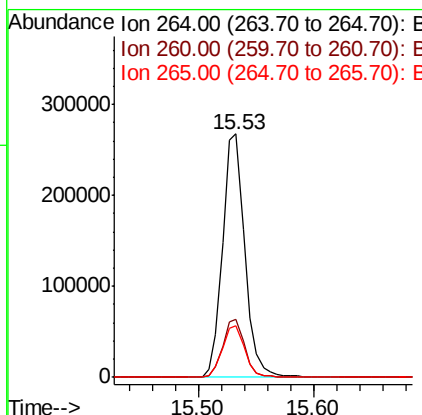
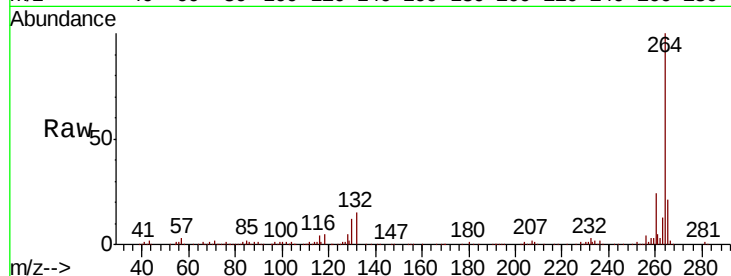
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.4	17.0	25.4

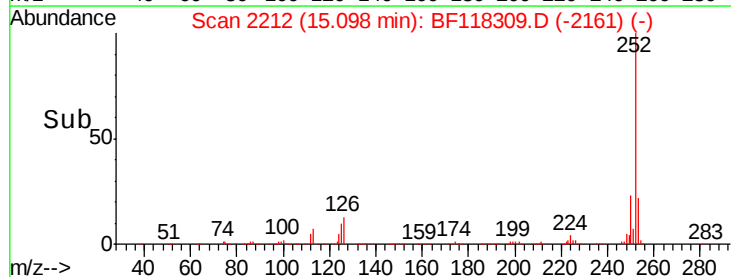
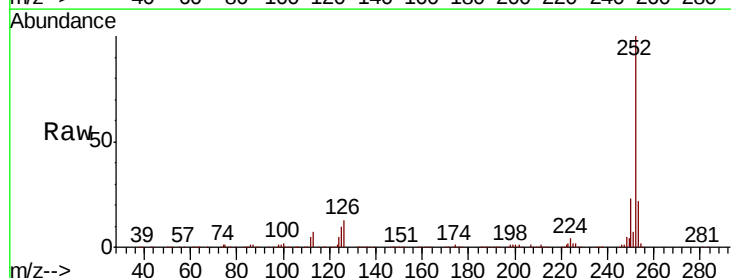
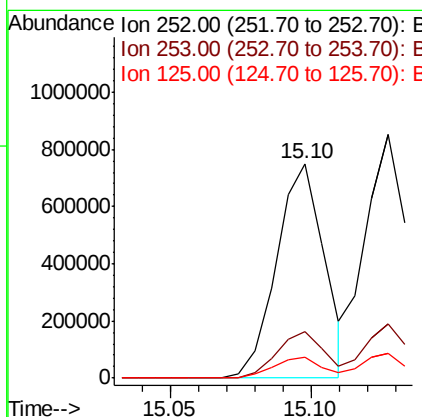
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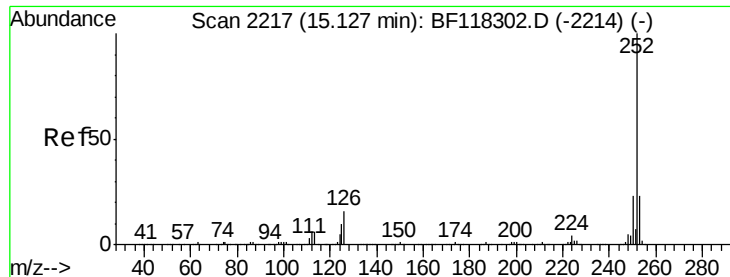
mohammad
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#88
Benzo(b)fluoranthene
Concen: 36.845 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.9	7.7	11.5





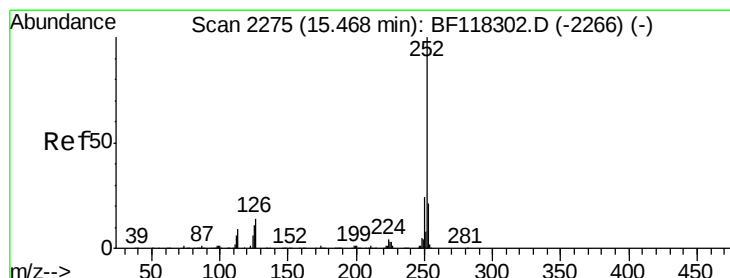
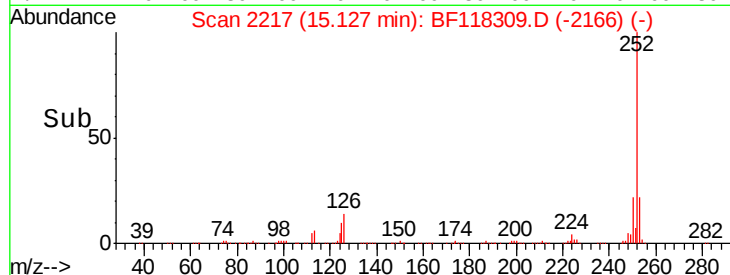
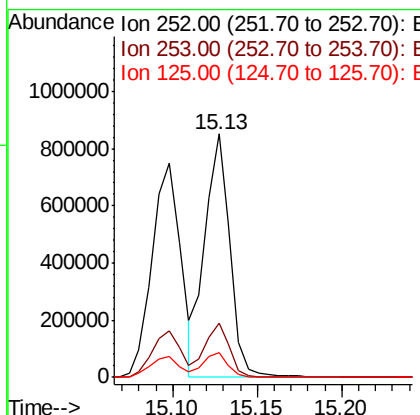
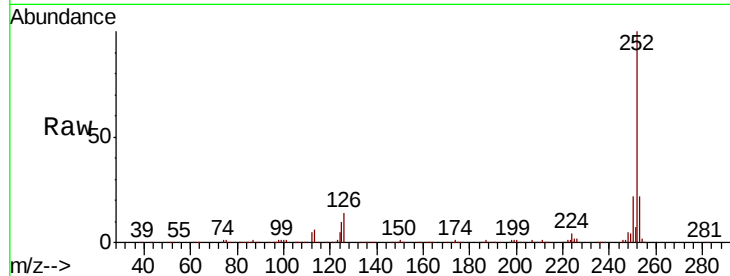
#89
Benzo(k)fluoranthene
Concen: 38.390 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.9	8.0	12.0

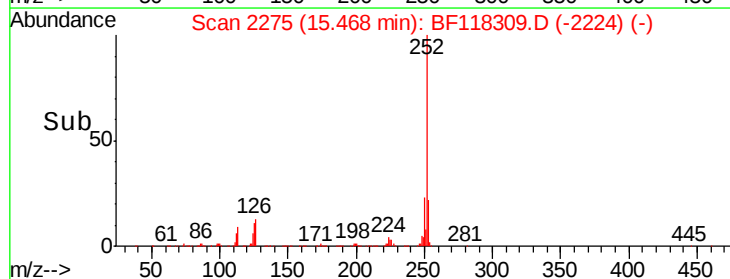
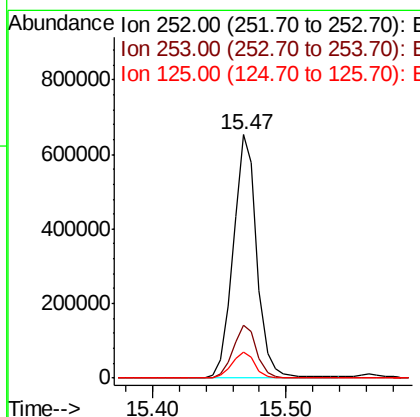
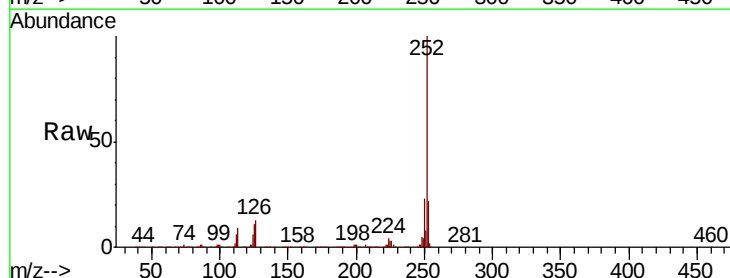
Manual Integrations
APPROVED

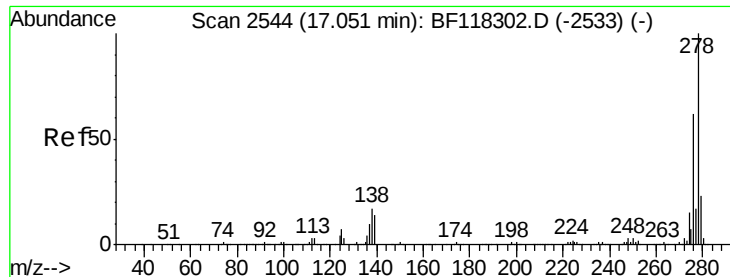
mohammad
12/27/2019 3:18:55 PM



#90
Benzo(a)pyrene
Concen: 38.370 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.6	9.0	13.4





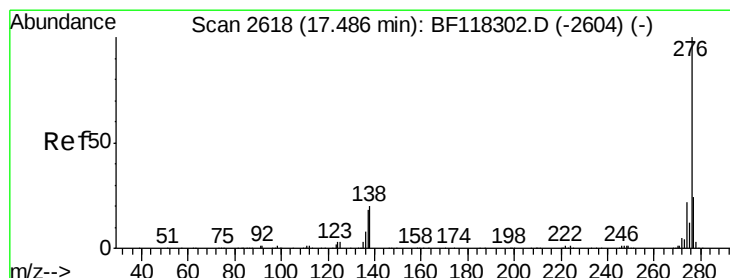
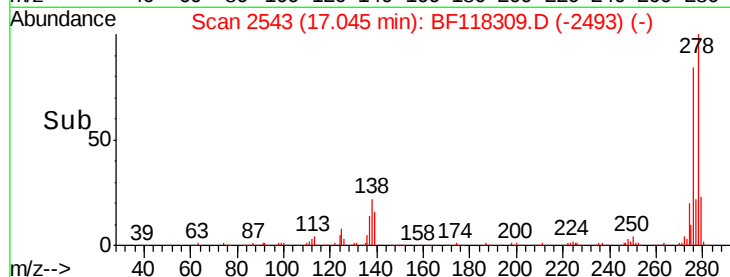
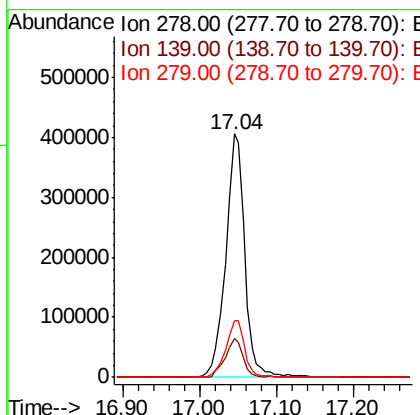
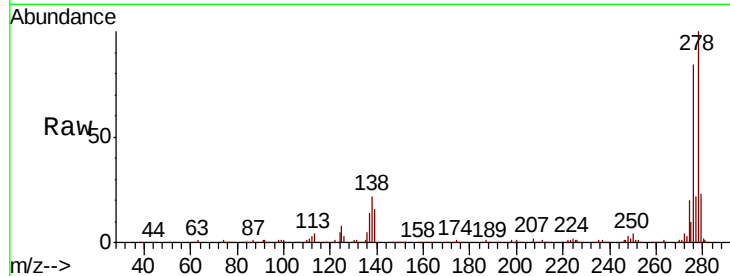
#91
Dibenzo(a,h)anthracene
Concen: 38.432 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	23.2	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/27/2019 3:18:55 PM



#92
Benzo(g,h,i)perylene
Concen: 38.254 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF118309.D
Acq: 26 Dec 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	19.2	16.1	24.1

