

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118361.D
 Acq On : 28 Dec 2019 13:13
 Operator : JU
 Sample : PB125749BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Manual Integrations
 APPROVED

mohammad
 12/30/2019 2:08:34 PM

Quant Time: Dec 29 07:27:29 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	149907	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	628210	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347145	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651052	20.00	ng	0.00
76) Chrysene-d12	14.06	240	436676	20.00	ng	0.00
87) Perylene-d12	15.54	264	254695	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1000503	113.93	ng	0.02
7) Phenol-d6	6.50	99	1215919	111.61	ng	0.01
23) Nitrobenzene-d5	7.42	82	812648	73.99	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	449623	104.88	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1723392	75.78	ng	0.00
79) Terphenyl-d14	12.99	244	2045109	77.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	136103	38.986	ng	99
3) Pyridine	3.46	79	316778	34.057	ng	99
4) n-Nitrosodimethylamine	3.41	42	158026	41.092	ng	99
6) Aniline	6.52	93	357523	25.844	ng	# 80
8) 2-Chlorophenol	6.65	128	450864	45.330	ng	99
9) Benzaldehyde	6.40	77	76282	11.943	ng	99
10) Phenol	6.51	94	520184	42.482	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	381746	43.593	ng	98
12) 1,3-Dichlorobenzene	6.79	146	469611	40.996	ng	99
13) 1,4-Dichlorobenzene	6.87	146	480415	41.290	ng	99
14) 1,2-Dichlorobenzene	7.02	146	455111	41.431	ng	100
15) Benzyl Alcohol	7.00	79	364781	43.977	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	389137	41.644	ng	88
17) 2-Methylphenol	7.12	107	357292	44.788	ng	96
18) Hexachloroethane	7.36	117	173706	40.679	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	285774	42.581	ng	97
20) 3+4-Methylphenols	7.27	107	459459	45.001	ng	95
22) Acetophenone	7.27	105	596028	38.711	ng	# 94
24) Nitrobenzene	7.44	77	438998	39.899	ng	100
25) Isophorone	7.68	82	797851	41.680	ng	100
26) 2-Nitrophenol	7.76	139	250951	43.061	ng	97
27) 2,4-Dimethylphenol	7.80	122	388855	48.904	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	498484	39.818	ng	99
29) 2,4-Dichlorophenol	8.00	162	384005	41.959	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	414133	38.846	ng	99
31) Naphthalene	8.16	128	1310952	41.057	ng	100
32) Benzoic acid	7.95	122	242867	37.570	ng	97
33) 4-Chloroaniline	8.22	127	291800	21.318	ng	97
34) Hexachlorobutadiene	8.27	225	242243	38.172	ng	100
35) Caprolactam	8.60	113	125910m	44.067	ng	
36) 4-Chloro-3-methylphenol	8.71	107	407182	41.439	ng	99
37) 2-Methylnaphthalene	8.86	142	914058	41.812	ng	99
38) 1-Methylnaphthalene	8.96	142	857823	41.650	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	403782	38.713	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	199858	49.401	nq	96
43) 2,4,6-Trichlorophenol	9.14	196	269951	38.741	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	292440	40.797	nq	98
46) 1,1'-Biphenyl	9.32	154	1090963	39.733	nq	99
47) 2-Chloronaphthalene	9.35	162	852995	38.600	nq	98
48) 2-Nitroaniline	9.45	65	233630	37.430	nq	98
49) Acenaphthylene	9.77	152	1325042	40.429	nq	99
50) Dimethylphthalate	9.62	163	1018419	39.083	nq	99
51) 2,6-Dinitrotoluene	9.69	165	228631	40.697	nq	99
52) Acenaphthene	9.94	154	787820	39.464	nq	98
53) 3-Nitroaniline	9.86	138	157745	23.924	nq	88
54) 2,4-Dinitrophenol	9.99	184	209674	74.410	nq	# 91
55) Dibenzofuran	10.12	168	1179474	39.986	nq	100
56) 4-Nitrophenol	10.05	139	308268	75.731	nq	92
57) 2,4-Dinitrotoluene	10.10	165	300506	40.032	nq	88
58) Fluorene	10.46	166	945547	39.709	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250233	41.085	nq	99
60) Diethylphthalate	10.33	149	1030774	39.985	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	467904	39.363	nq	99
62) 4-Nitroaniline	10.49	138	223448	32.620	nq	99
63) Azobenzene	10.61	77	888308	40.229	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	159054	45.286	nq	98
66) n-Nitrosodiphenylamine	10.57	169	835325	40.033	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	300341	39.419	nq	97
68) Hexachlorobenzene	11.01	284	342523	38.192	nq	99
69) Atrazine	11.10	200	269740	41.885	nq	96
70) Pentachlorophenol	11.21	266	303558	78.155	nq	100
71) Phenanthrene	11.43	178	1384645	39.013	nq	100
72) Anthracene	11.48	178	1432755	40.330	nq	99
73) Carbazole	11.63	167	1224379	38.841	nq	99
74) Di-n-butylphthalate	11.96	149	1657163	41.460	nq	100
75) Fluoranthene	12.62	202	1413217	39.454	nq	98
77) Benzidine	12.74	184	233760	19.537	nq	99
78) Pyrene	12.85	202	1429668	40.092	nq	99
80) Butylbenzylphthalate	13.46	149	683252	42.554	nq	96
81) Benzo(a)anthracene	14.05	228	1205145	39.428	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	342522	33.051	nq	98
83) Chrysene	14.08	228	1132084	38.680	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	985675	46.687	nq	99
85) Di-n-octyl phthalate	14.63	149	1493631	48.095	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	866548	34.748	nq	99
88) Benzo(b)fluoranthene	15.11	252	955081	56.492	nq	99
89) Benzo(k)fluoranthene	15.14	252	927763	57.152	nq	99
90) Benzo(a)pyrene	15.48	252	806396	54.145	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	739743	57.237	nq	96
92) Benzo(g,h,i)perylene	17.52	276	719078	57.597	nq	99

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

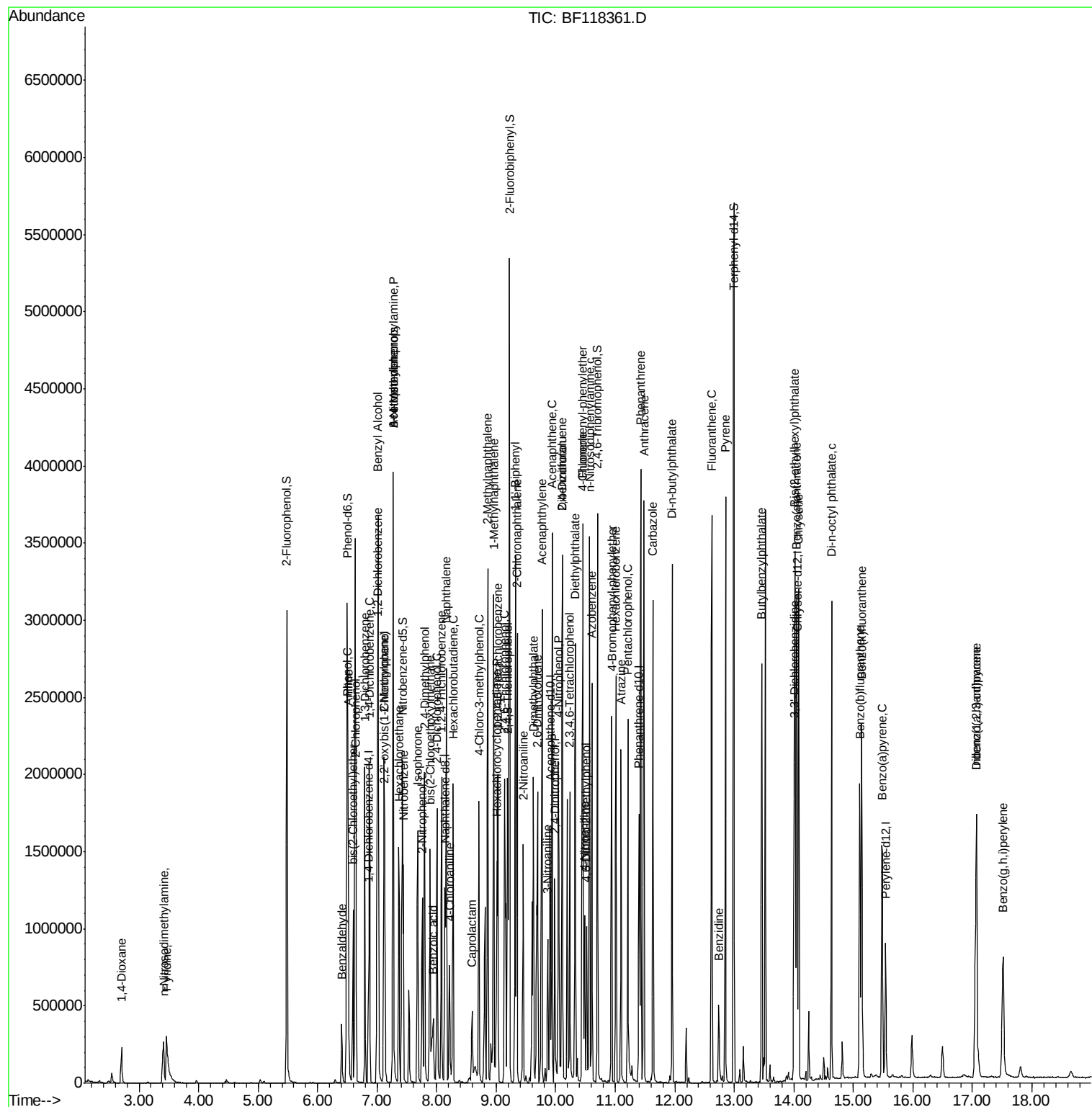
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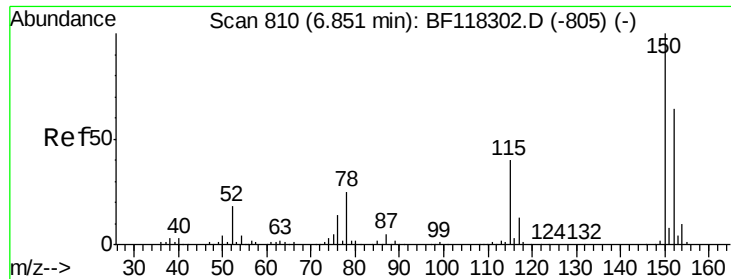
Instrument :
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#1

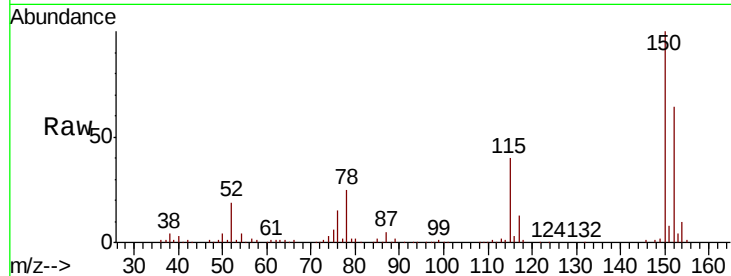
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.2
115	61.8	50.2	75.4

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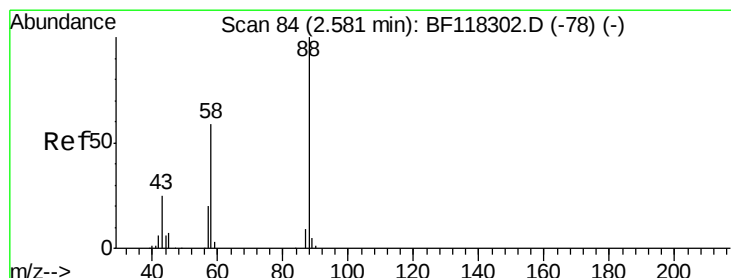
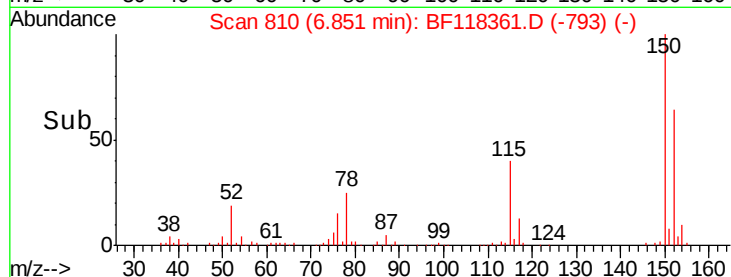
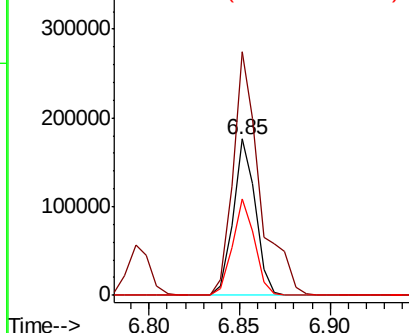


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

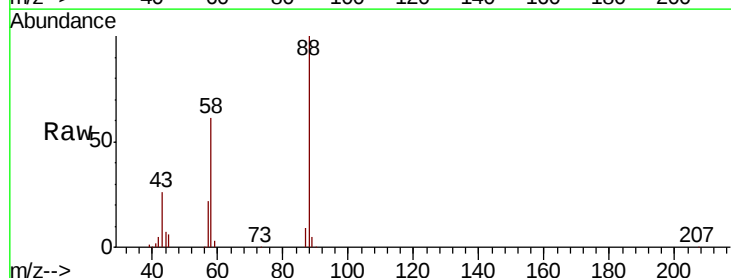
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.986 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	47.6	71.4
43	26.2	20.6	30.8

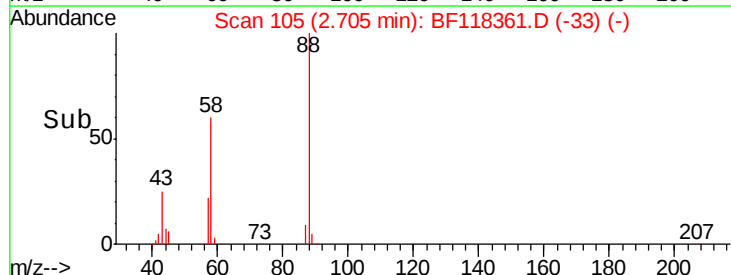
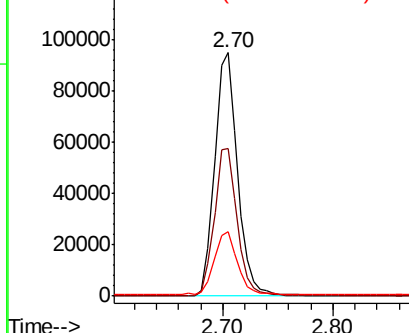


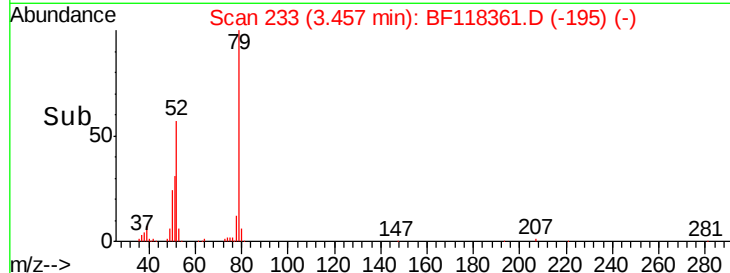
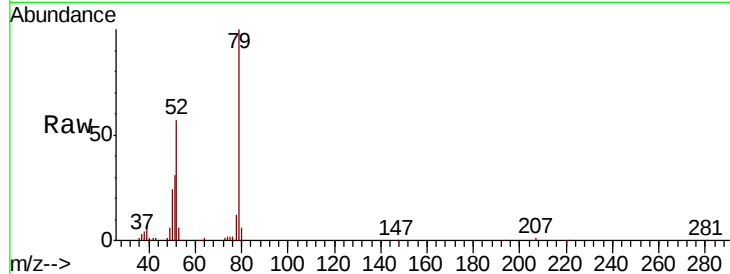
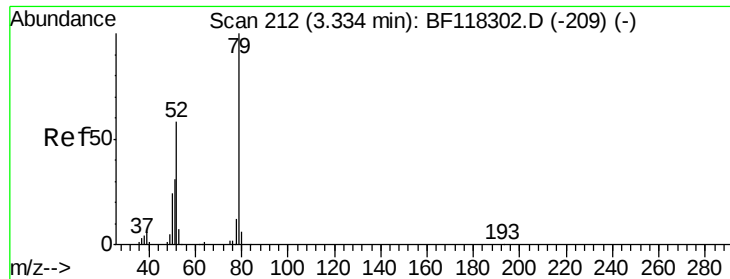
Abundance

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





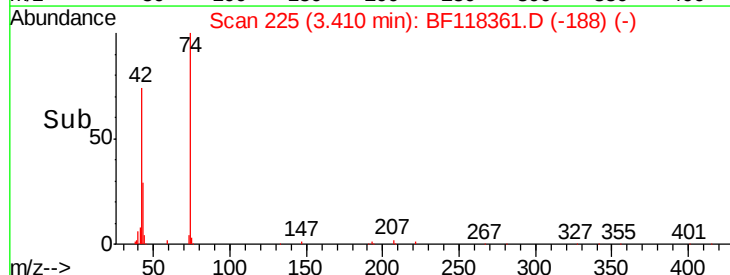
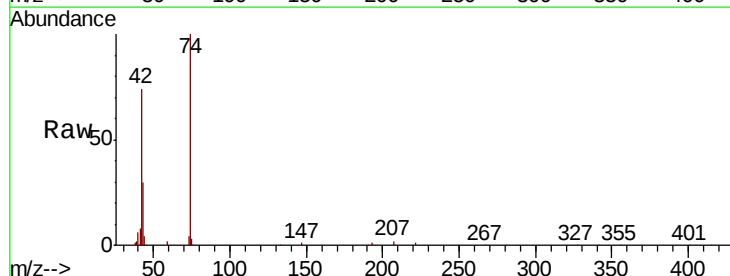
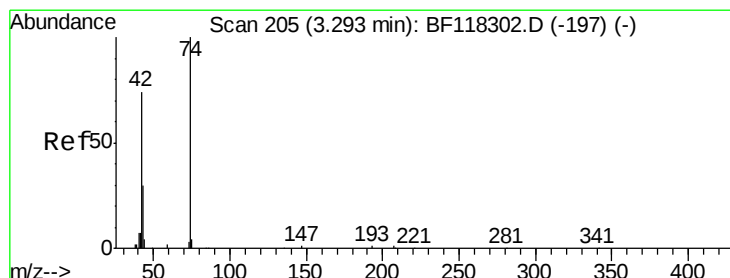
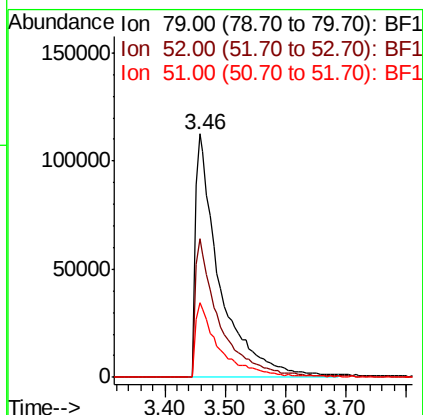
#3
 Pvridine
 Concen: 34.057 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.12 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.1	46.4	69.6
51	30.7	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

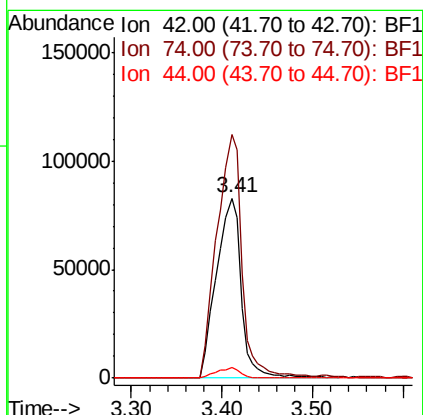
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#4
 n-Nitrosodimethylamine
 Concen: 41.092 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.12 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.3	107.7	161.5
44	5.9	4.8	7.2





#5

2-Fluorophenol

Concen: 113.927 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB125749BSD

Tot Ion:112 Resp: 1000503

Ion Ratio Lower Upper

112 100

64 48.8 39.7 59.5

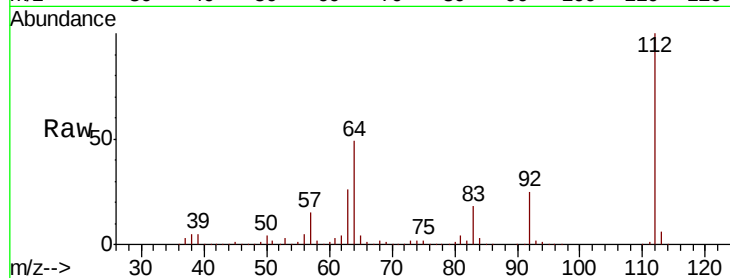
63 26.3 21.7 32.5

Manual Integrations

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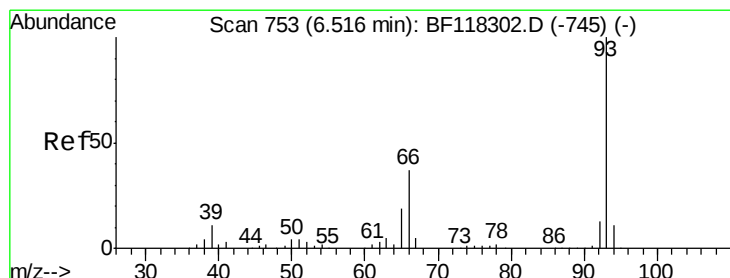
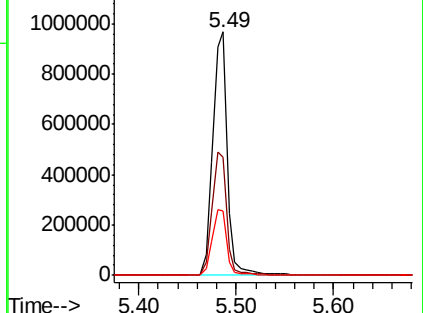
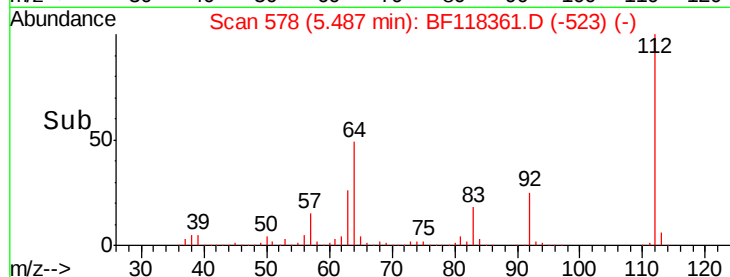
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.844 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

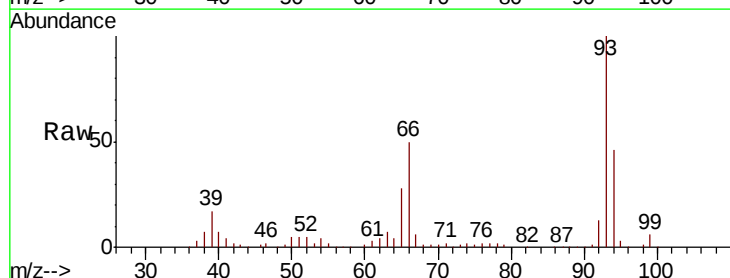
Tgt Ion: 93 Resp: 357523

Ion Ratio Lower Upper

93 100

66 50.4 30.2 45.4#

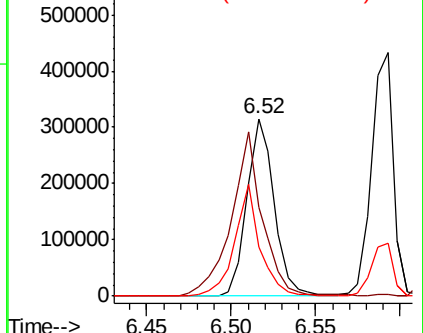
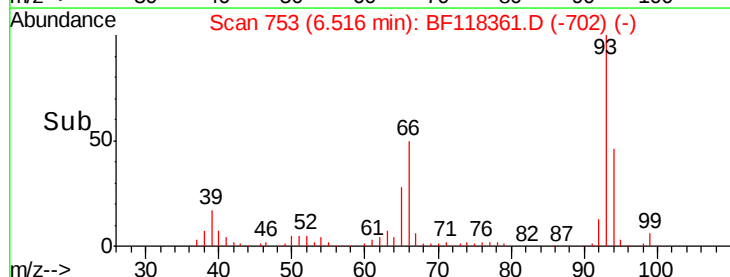
65 27.9 15.7 23.5#

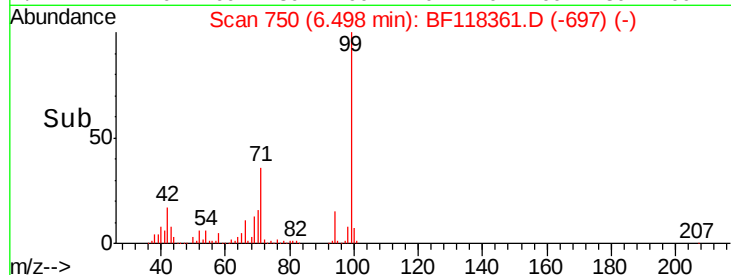
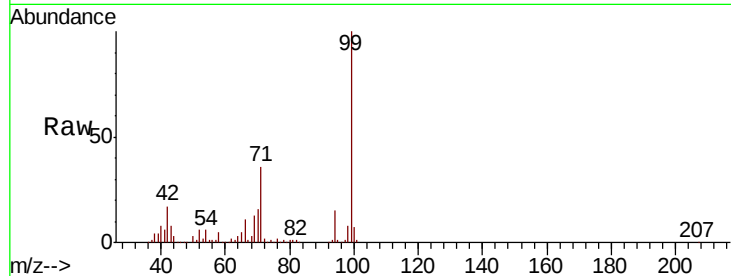
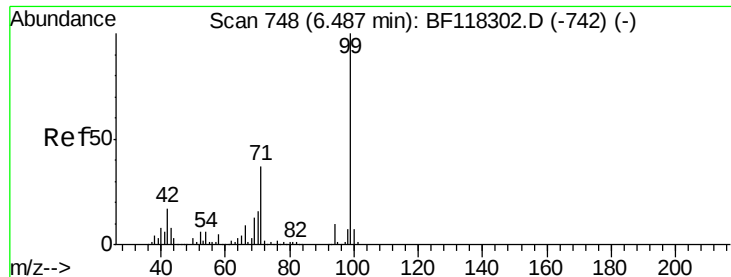


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.611 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tot Ion: 99 Resp: 1215919

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 36.0 29.4 44.2

Instrument :

BNA_F

ClientSampleId :

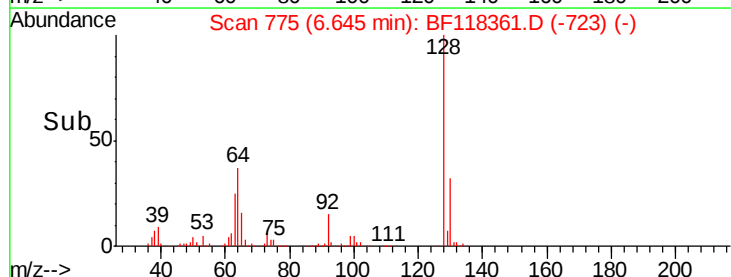
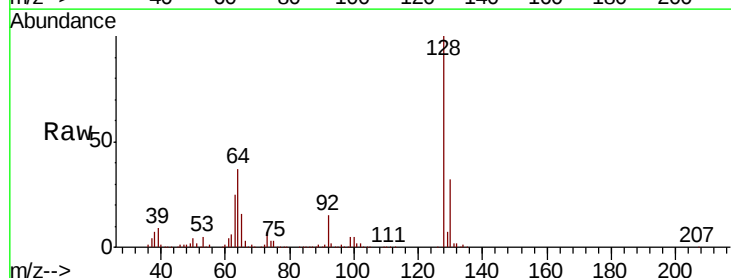
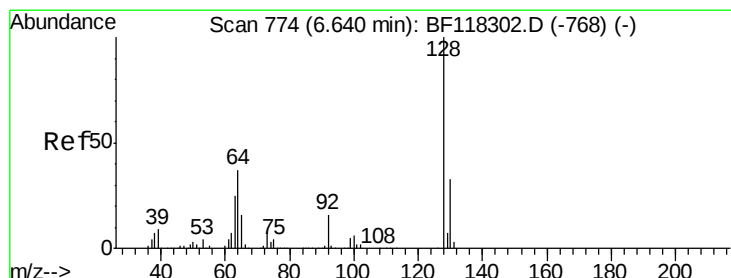
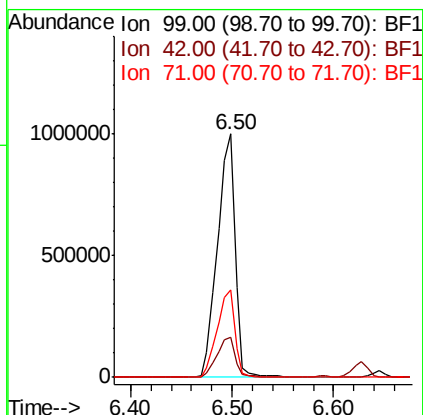
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#8

2-Chlorophenol

Concen: 45.330 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

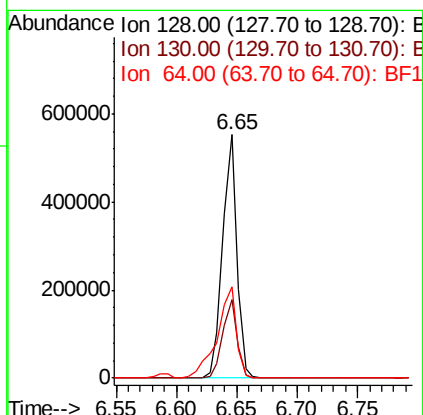
Tgt Ion:128 Resp: 450864

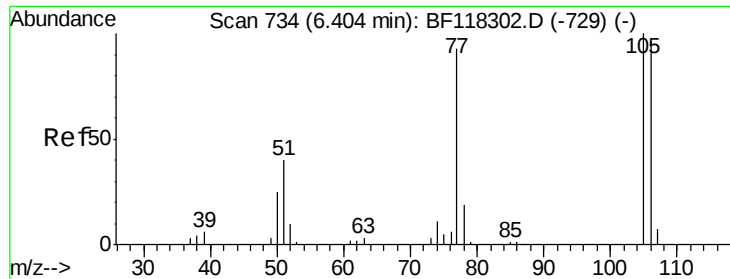
Ion Ratio Lower Upper

128 100

130 32.2 13.2 53.2

64 37.5 17.7 57.7





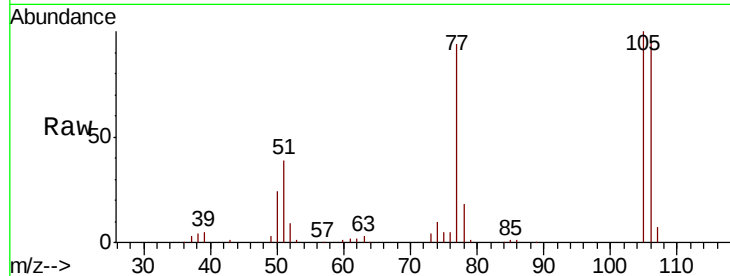
#9
Benzaldehyde
Concen: 11.943 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118361.D
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Instrument :
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ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.6	87.5	127.5
106	102.7	83.6	123.6

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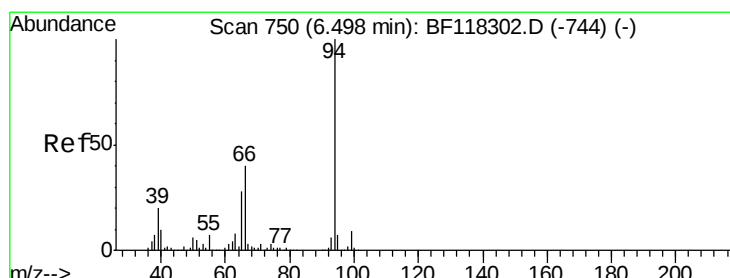
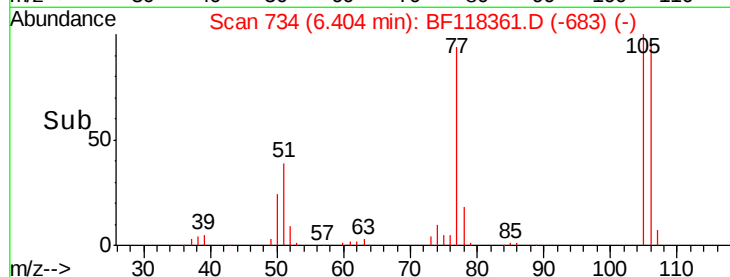
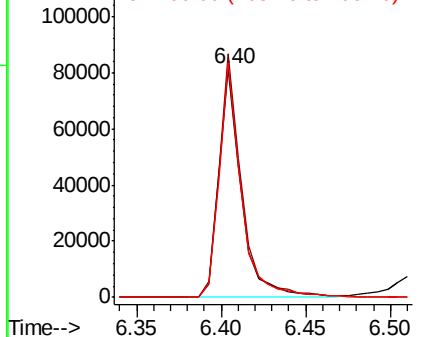


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10
Phenol
Concen: 42.482 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

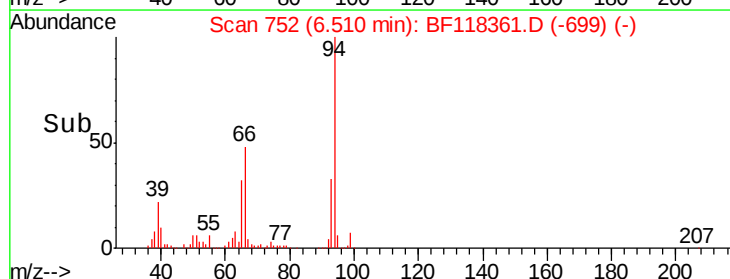
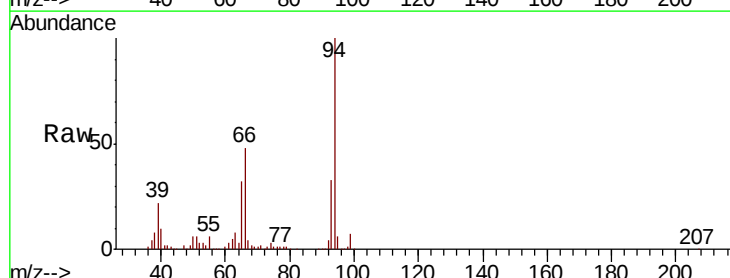
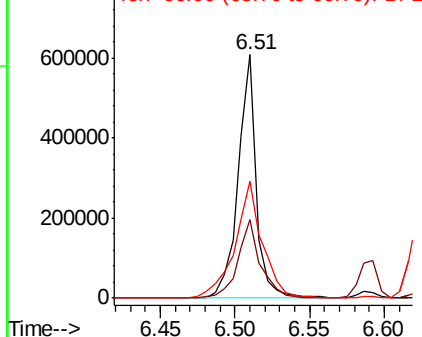
Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.8	47.8
66	48.0	20.4	60.4

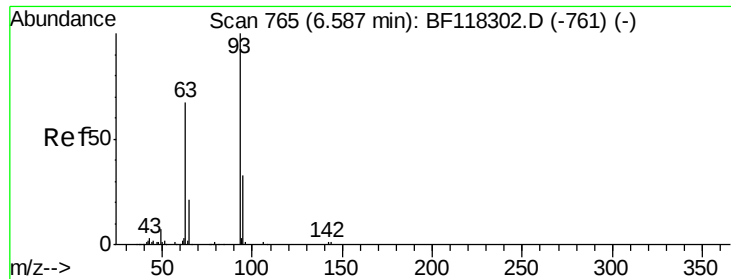
Abundance

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





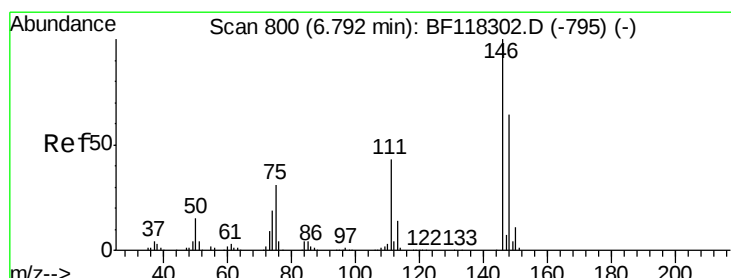
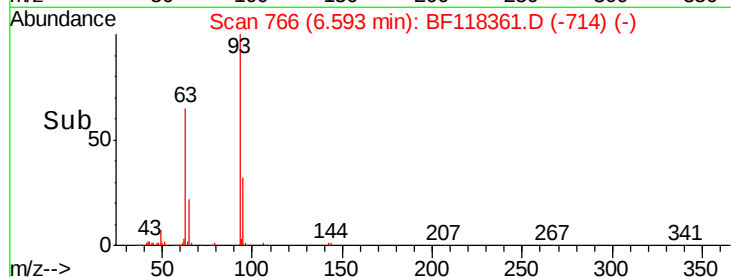
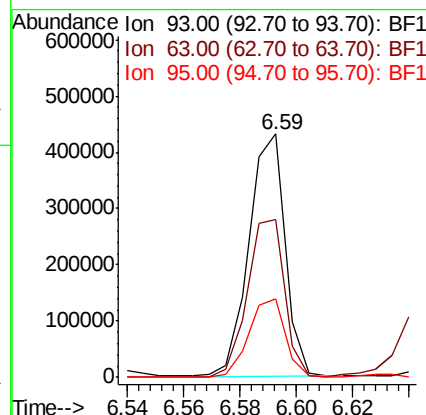
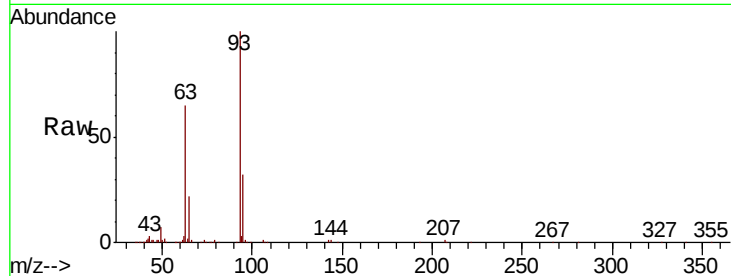
#11
bis(2-Chloroethyl)ether
Concen: 43.593 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	381746		
63	65.0	47.0	87.0	
95	32.5	12.8	52.8	

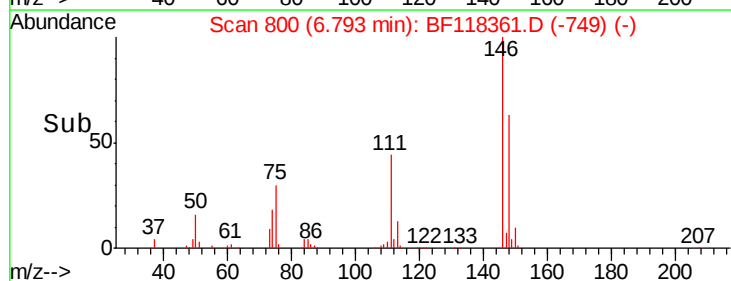
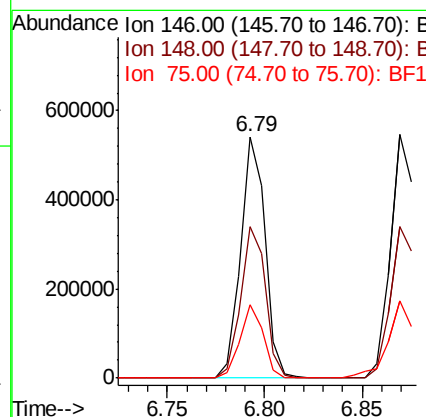
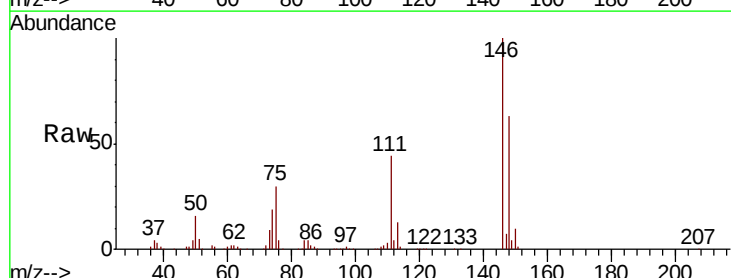
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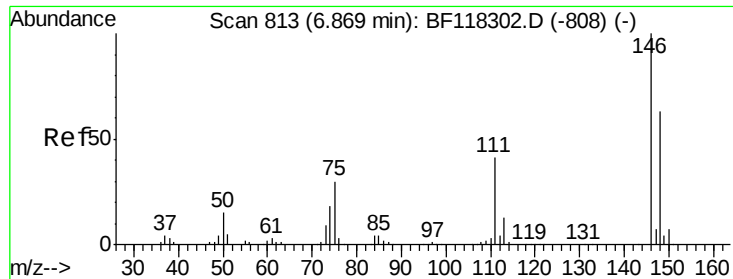
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469611		
148	62.7	51.4	77.0	
75	30.3	24.4	36.6	





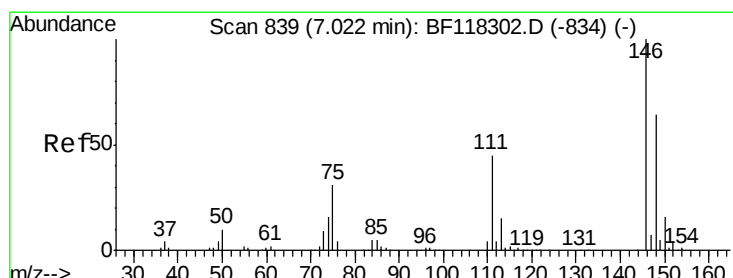
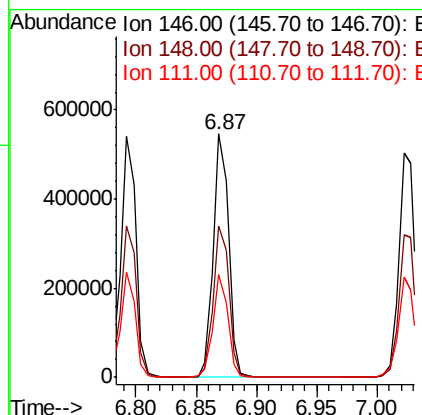
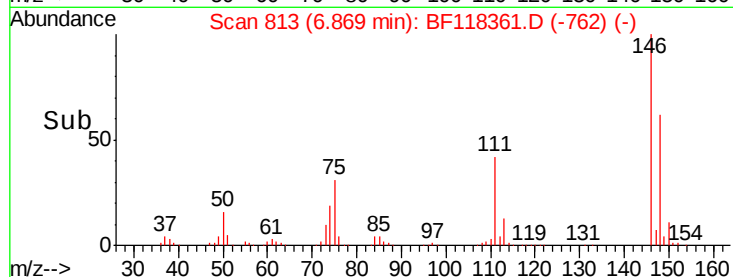
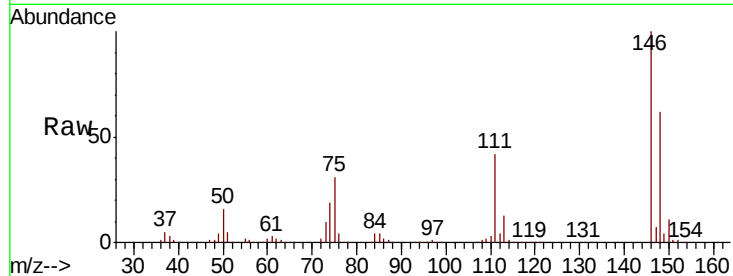
#13
1,4-Dichlorobenzene
Concen: 41.290 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.3	75.5
111	42.0	32.8	49.2

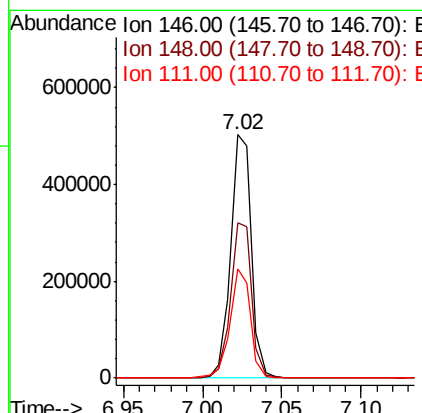
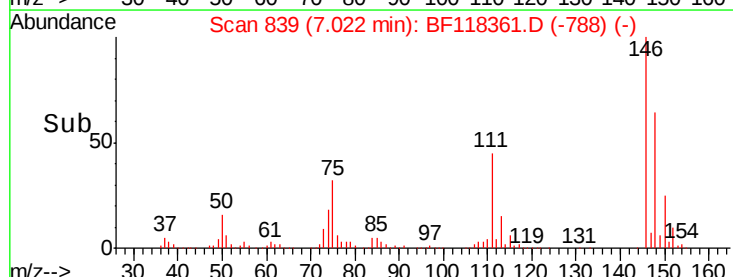
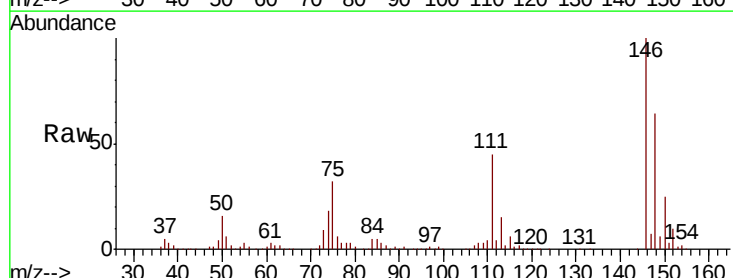
Manual Integrations
APPROVED

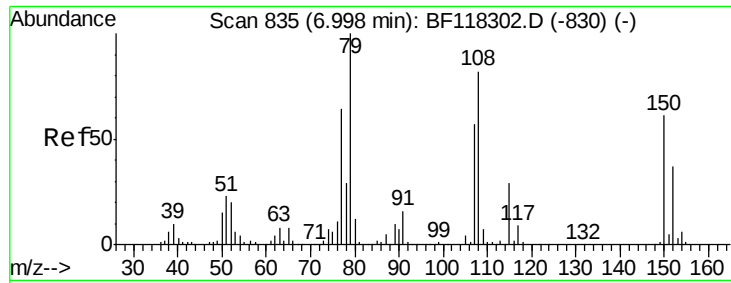
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.431 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	44.8	35.7	53.5





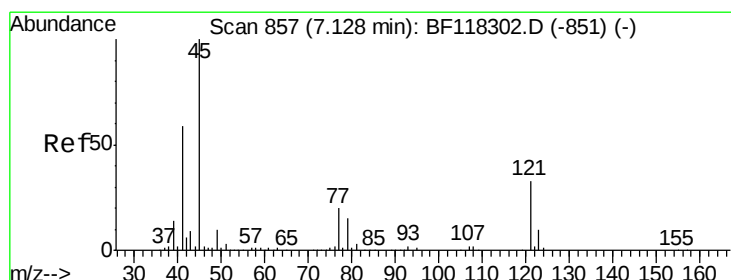
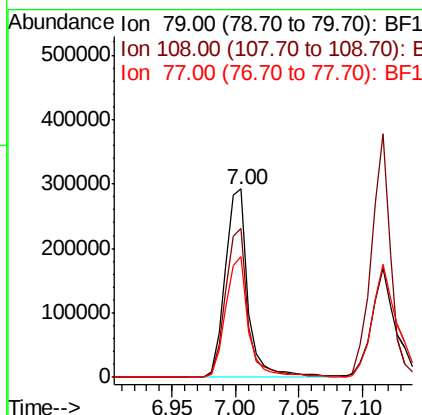
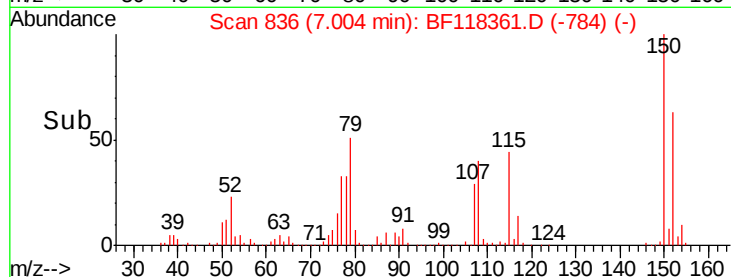
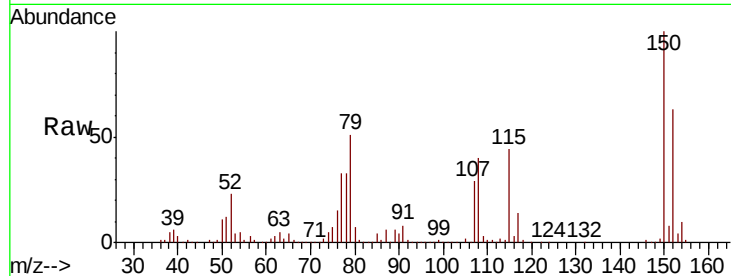
#15
Benzyl Alcohol
Concen: 43.977 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.4	98.0
77	64.1	51.4	77.0

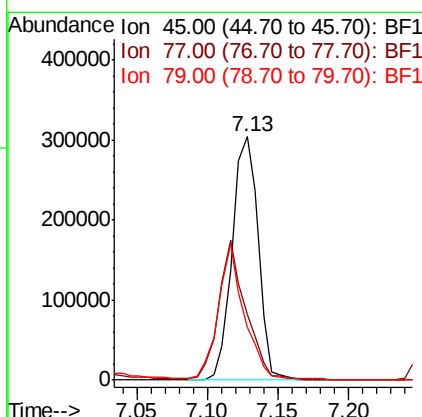
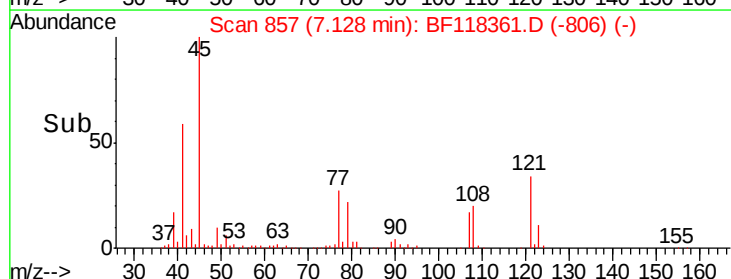
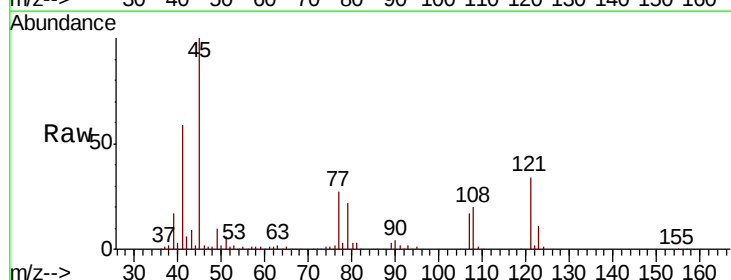
Manual Integrations
APPROVED

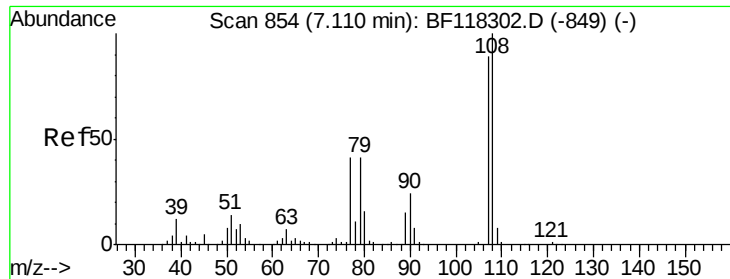
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.644 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.8	1.2	41.2
79	21.7	0.0	37.0





#17

2-Methylphenol

Concen: 44.788 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

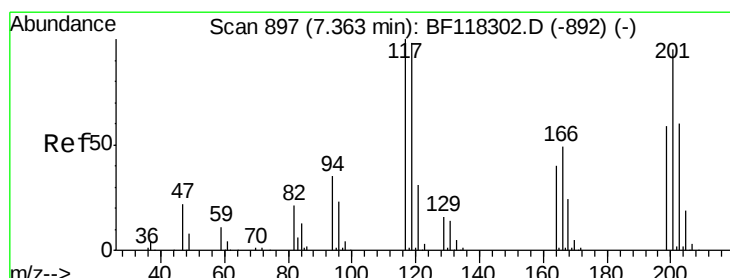
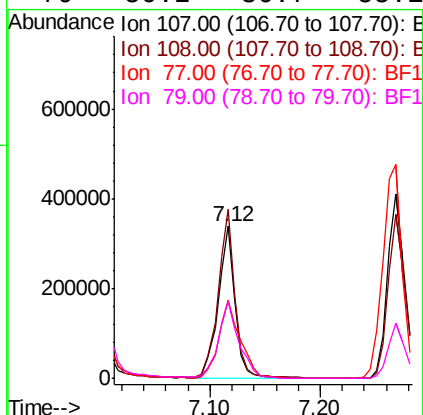
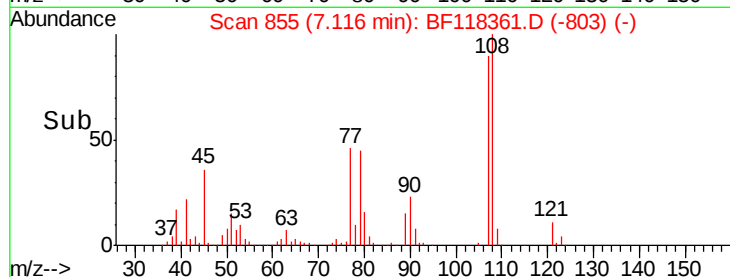
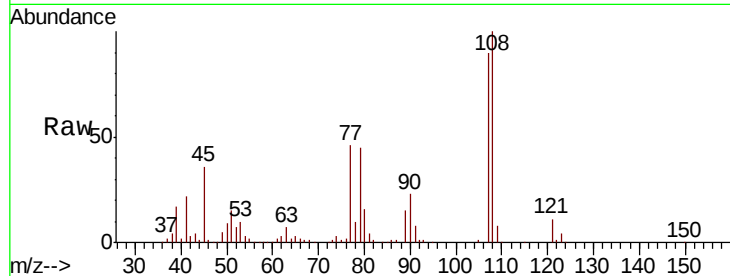
ClientSampleId :

PB125749BSD

Tot Ion:	107	Resp:	357292
Ion Ratio	Lower	Upper	
107	100		
108	111.6	89.7	134.5
77	51.8	37.2	55.8
79	50.2	36.7	55.1

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#18

Hexachloroethane

Concen: 40.679 ng

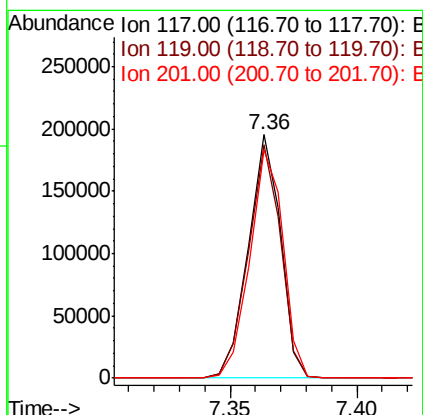
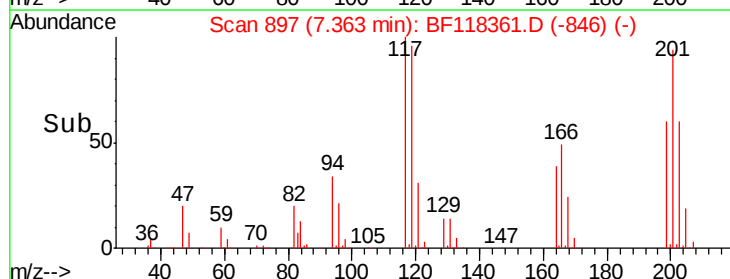
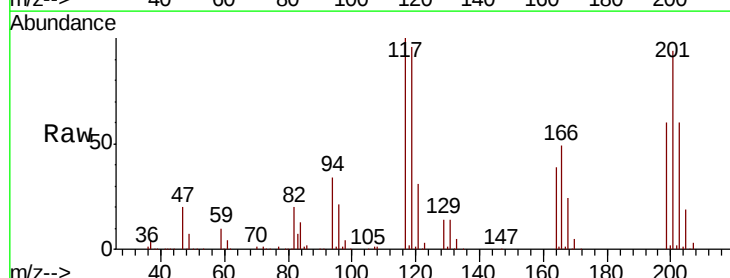
RT: 7.36 min Scan# 897

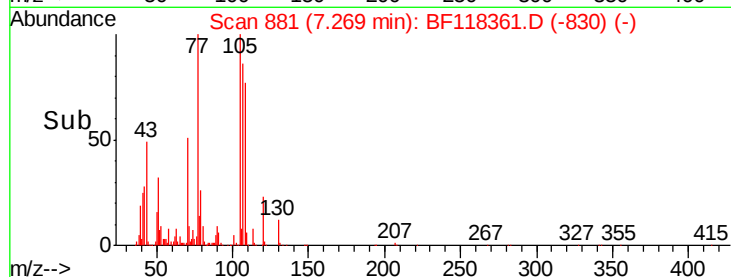
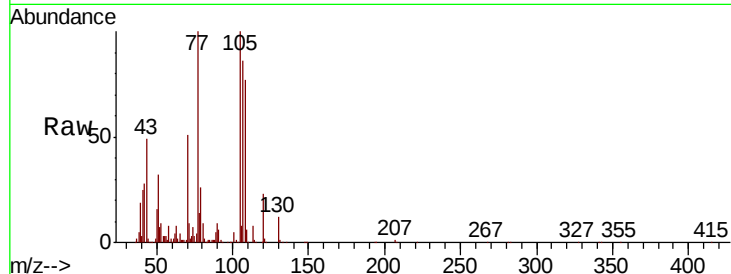
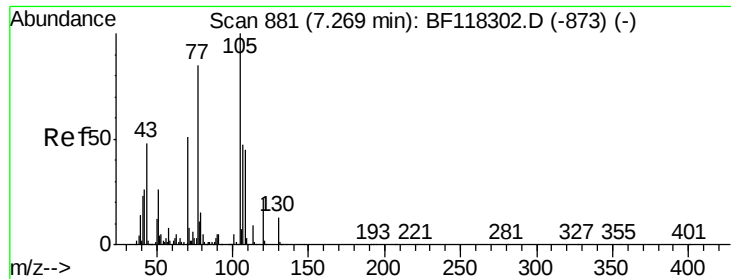
Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:	117	Resp:	173706
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.0	117.0
201	94.0	76.2	114.2





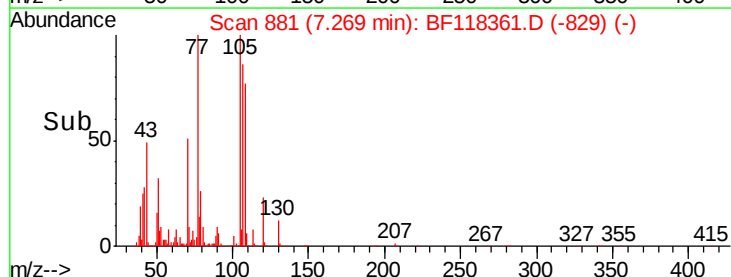
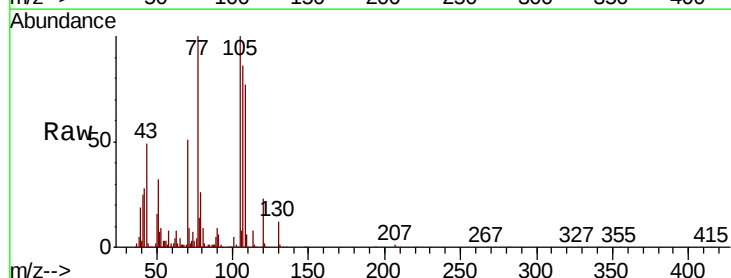
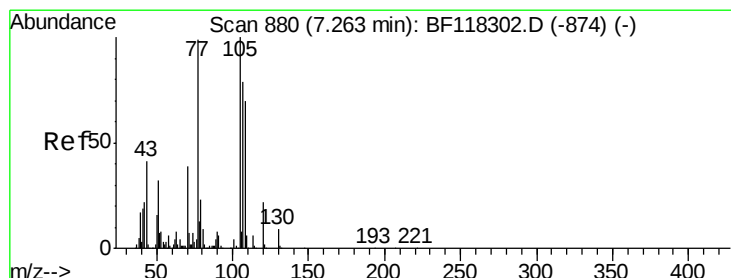
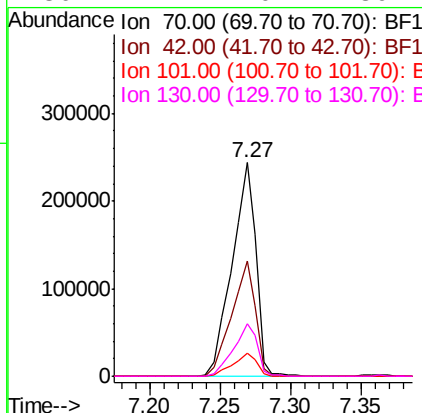
#19
n-Nitroso-di-n-propylamine
Concen: 42.581 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.1	61.7
101	10.6	8.3	12.5
130	24.4	20.1	30.1

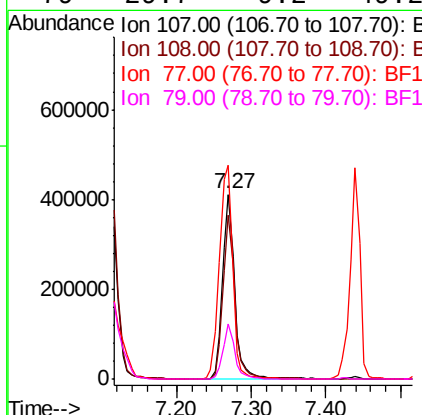
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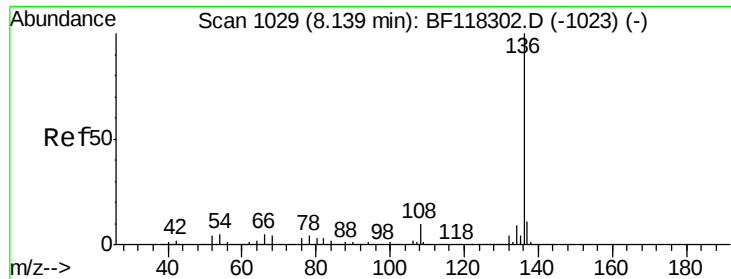
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#20
3+4-Methylphenols
Concen: 45.001 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.3	109.3
77	115.6	105.9	145.9
79	29.7	9.2	49.2





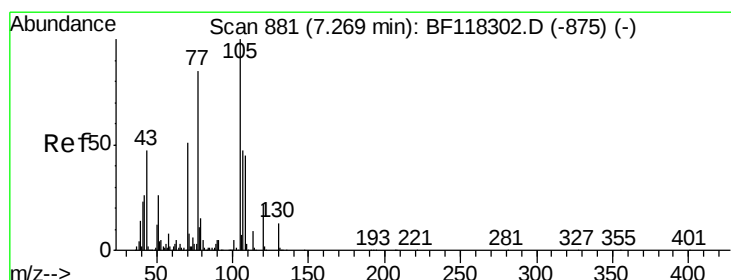
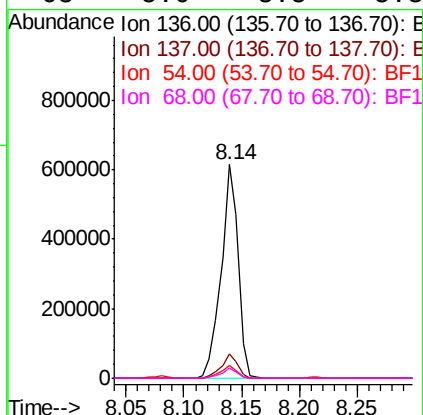
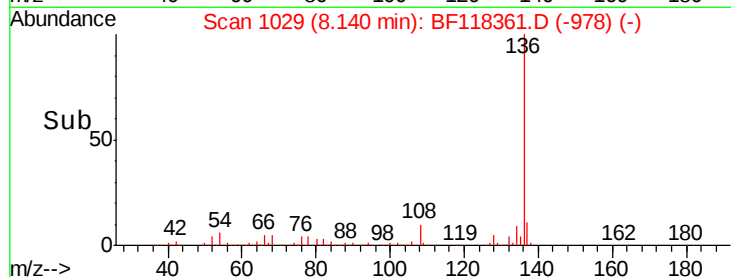
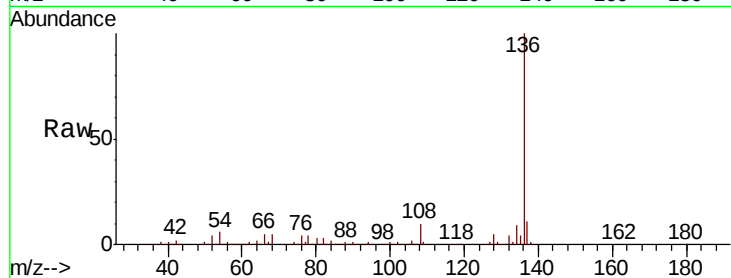
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		628210		
137	11.5		8.9	13.3	
54	5.8		4.2	6.4	
68	5.0		3.5	5.3	

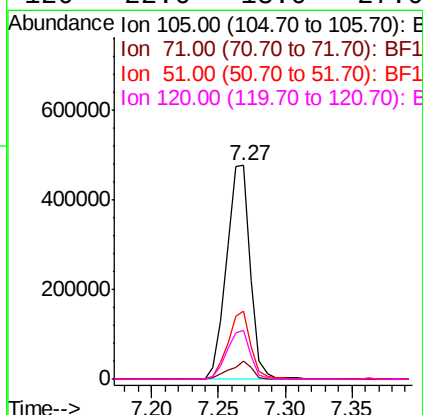
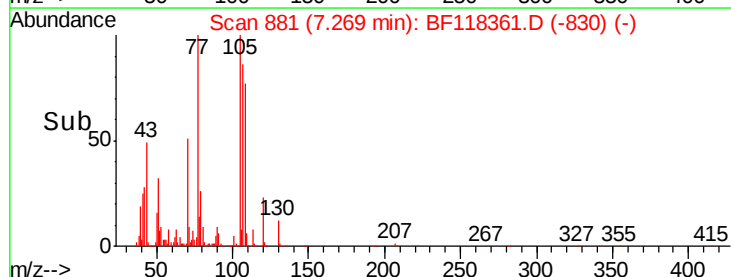
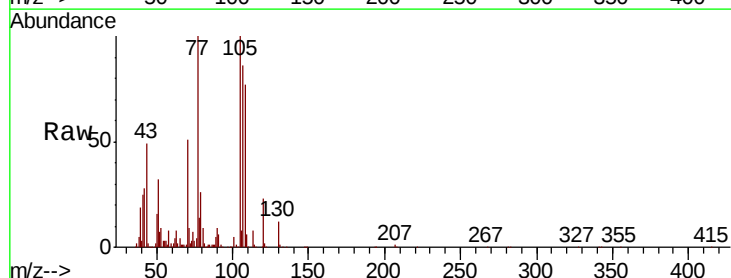
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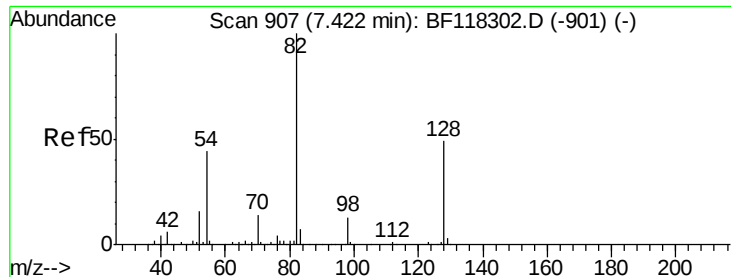
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#22
Acetophenone
Concen: 38.711 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		596028		
71	8.6		6.6	9.8	
51	31.5		20.6	30.8	
120	22.6		18.0	27.0	





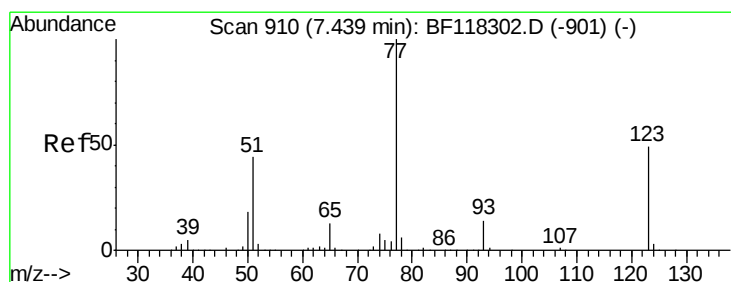
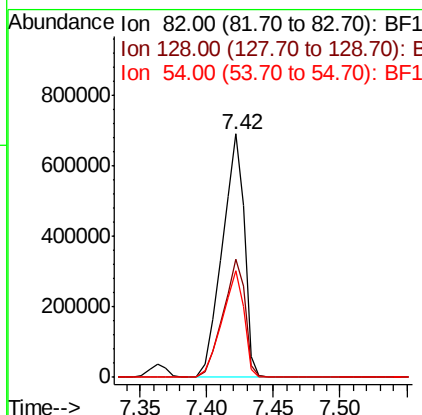
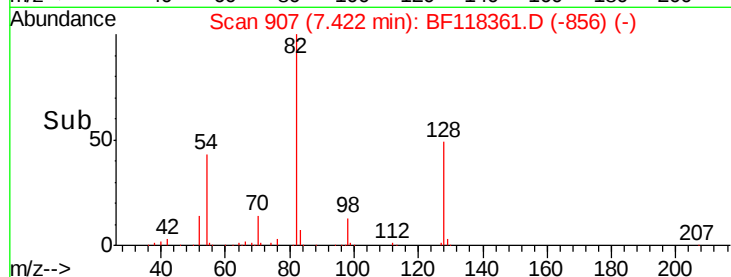
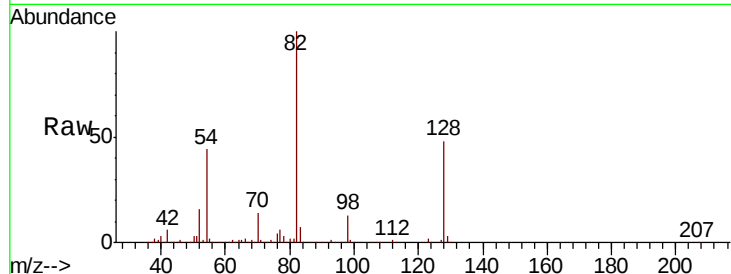
#23
Nitrobenzene-d5
Concen: 73.987 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.6	59.4
54	43.6	34.9	52.3

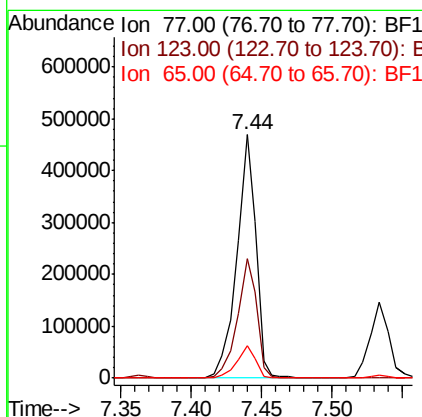
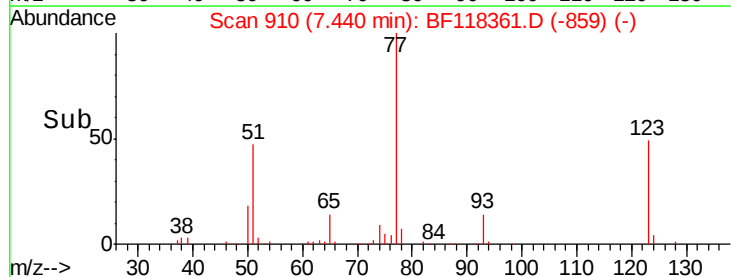
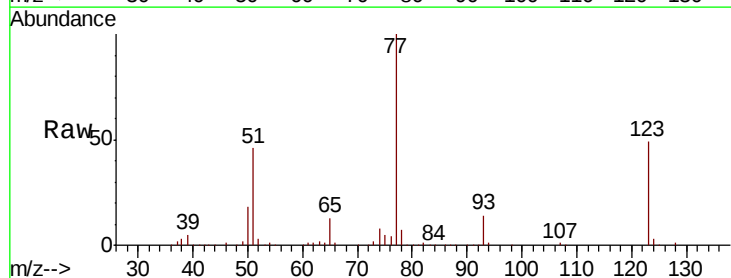
Manual Integrations
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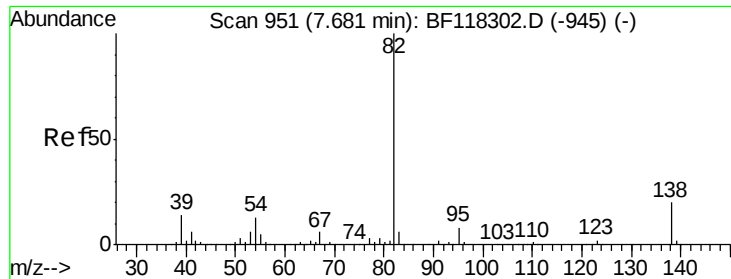
mohammad
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#24
Nitrobenzene
Concen: 39.899 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.1	58.7
65	13.5	10.6	16.0





#25

Isophorone

Concen: 41.680 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

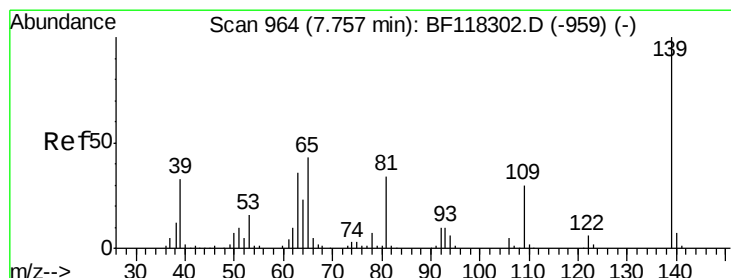
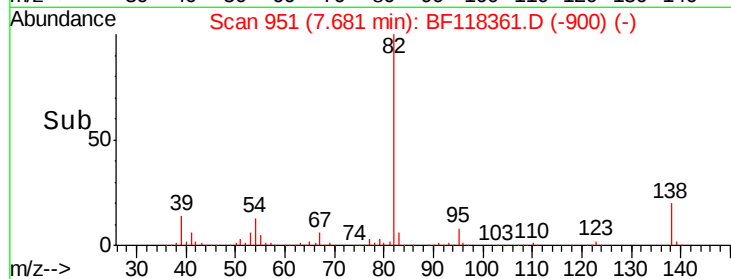
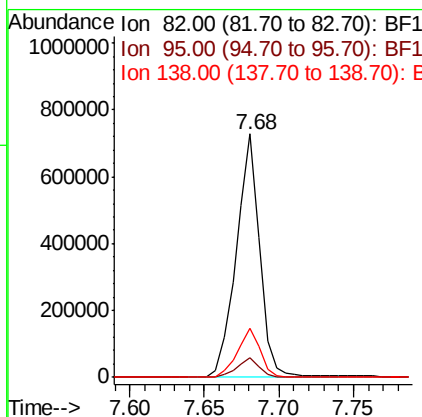
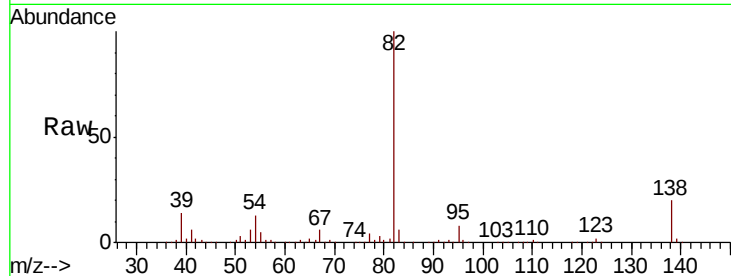
ClientSampleId :

PB125749BSD

Tot Ion:	82	Resp:	797851
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.3	9.5
138	20.0	16.2	24.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.061 ng

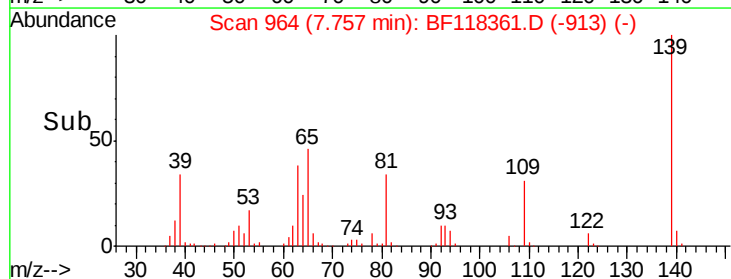
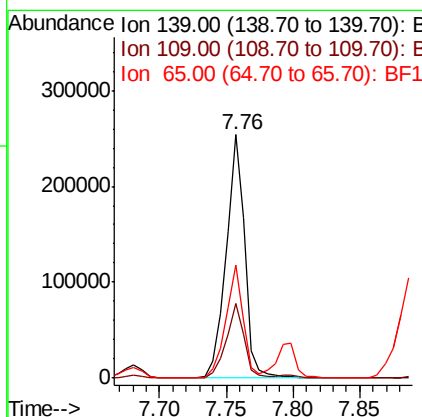
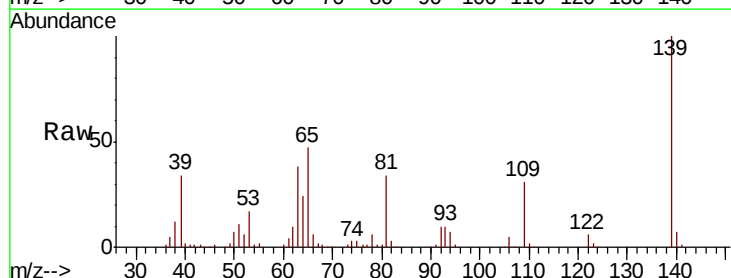
RT: 7.76 min Scan# 964

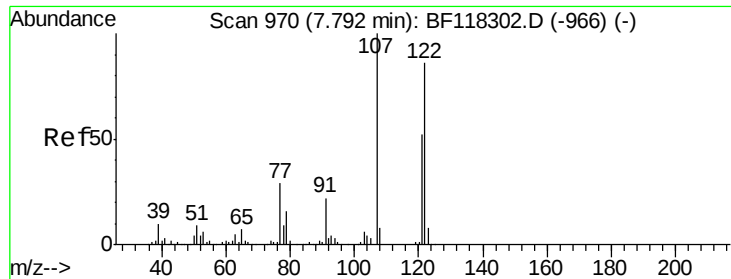
Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:	139	Resp:	250951
Ion Ratio	Lower	Upper	
139	100		
109	30.7	24.1	36.1
65	46.5	34.6	52.0





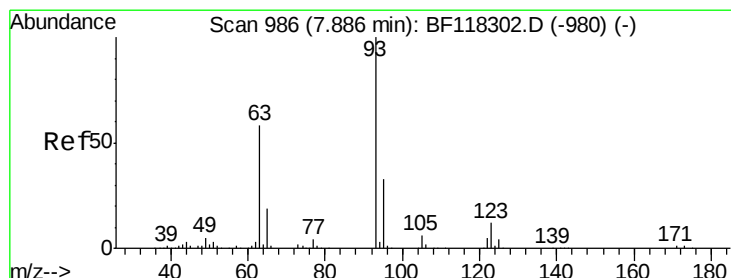
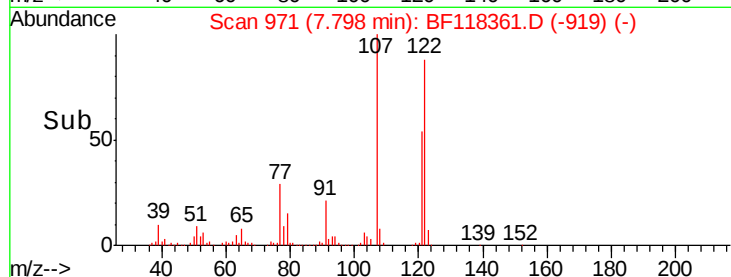
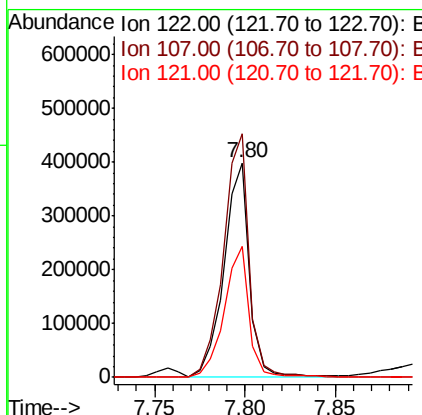
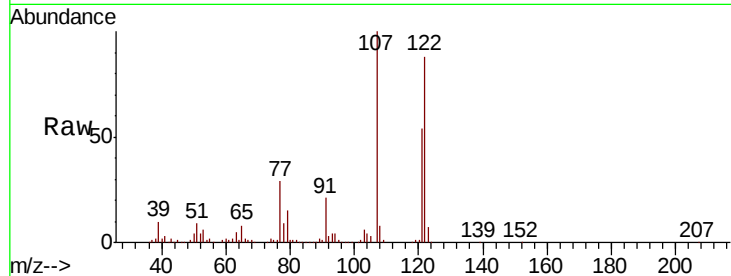
#27
2,4-Dimethylphenol
Concen: 48.904 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.4	92.9	139.3	
121	60.7	47.9	71.9	

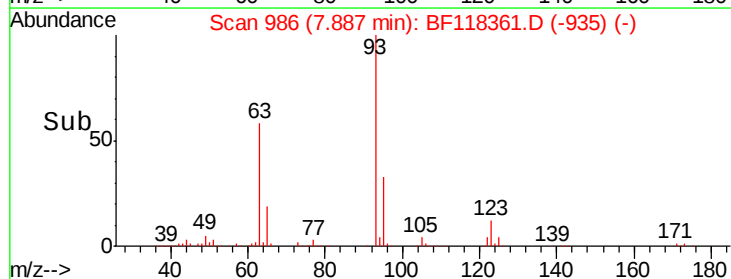
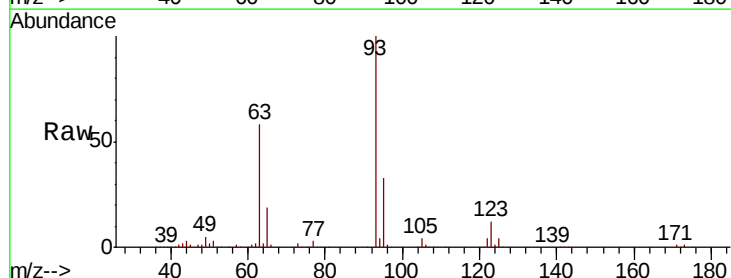
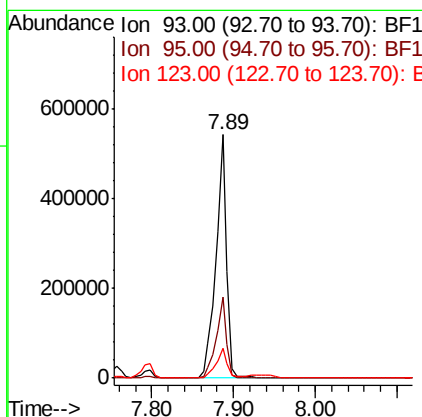
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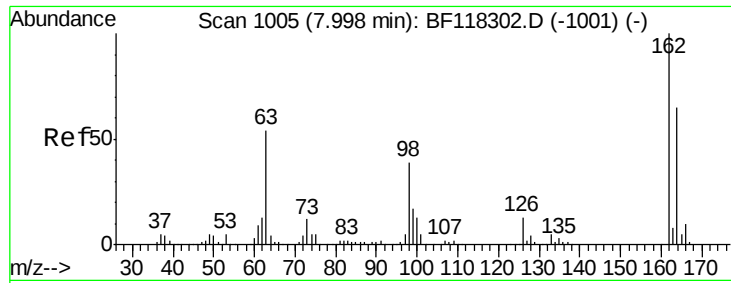
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.818 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.2	39.4	
123	12.0	9.8	14.8	





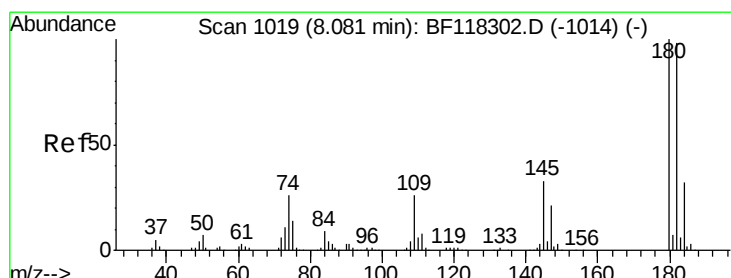
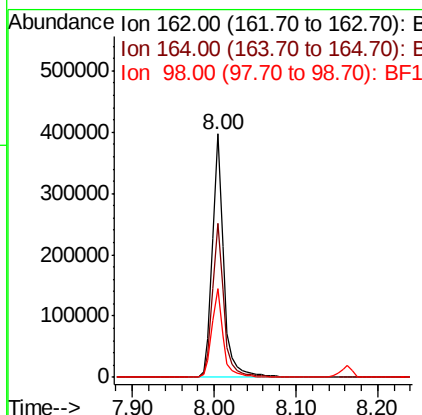
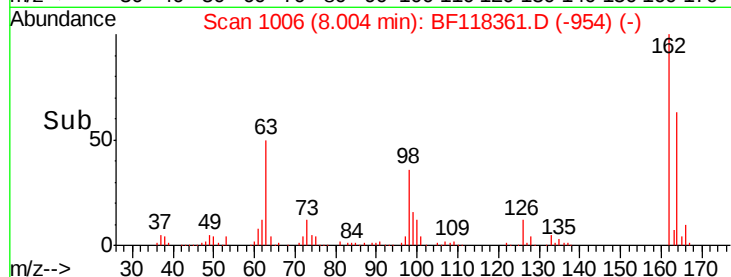
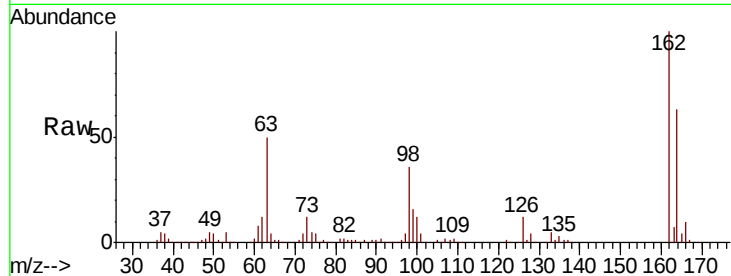
#29
2,4-Dichlorophenol
Concen: 41.959 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleID :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	384005		
164	63.3	45.1	85.1	
98	36.2	18.6	58.6	

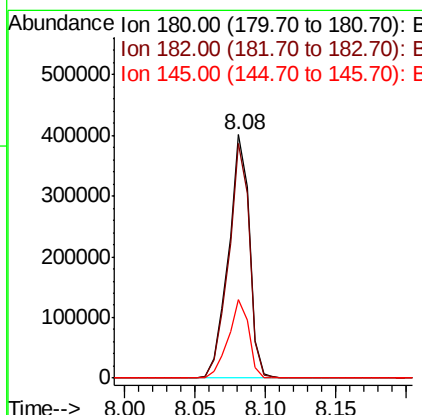
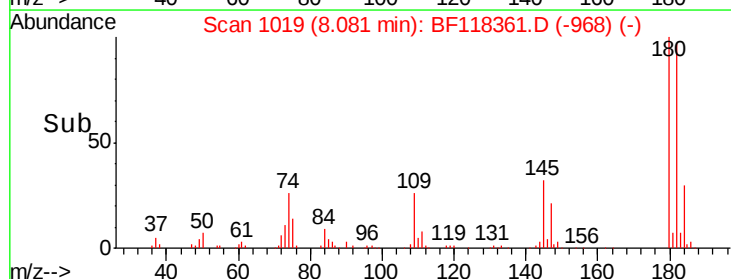
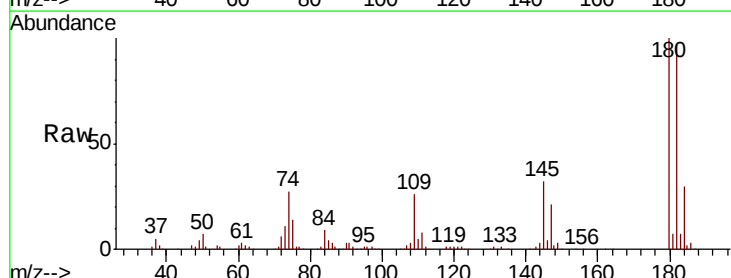
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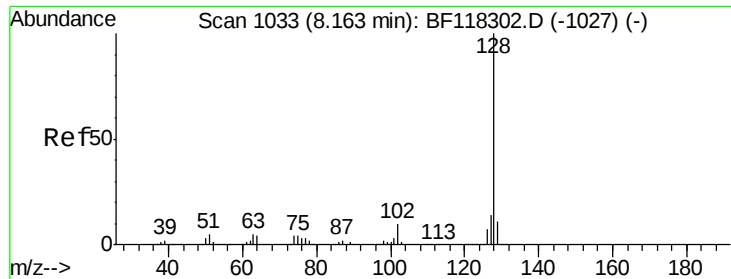
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.846 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414133		
182	96.6	78.3	117.5	
145	32.5	26.7	40.1	





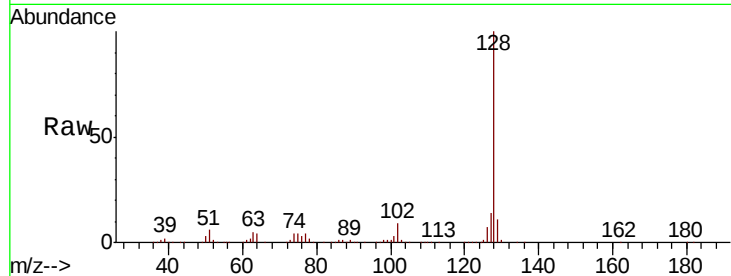
#31
Naphthalene
Concen: 41.057 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

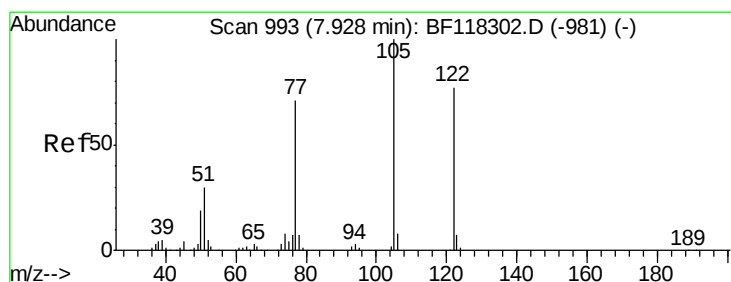
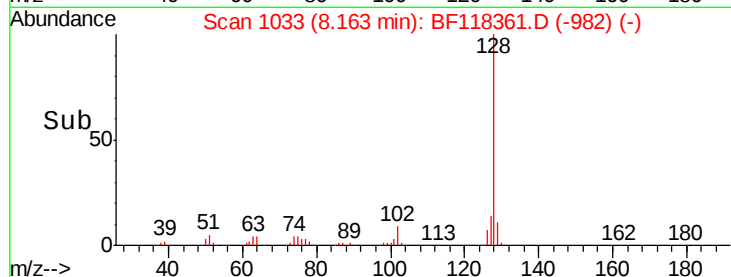
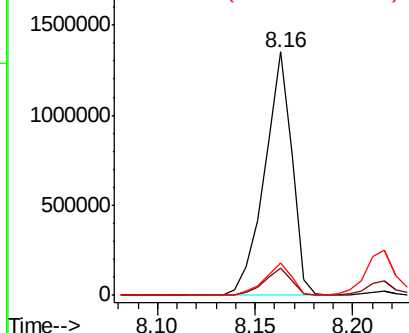
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.6	11.0	16.4

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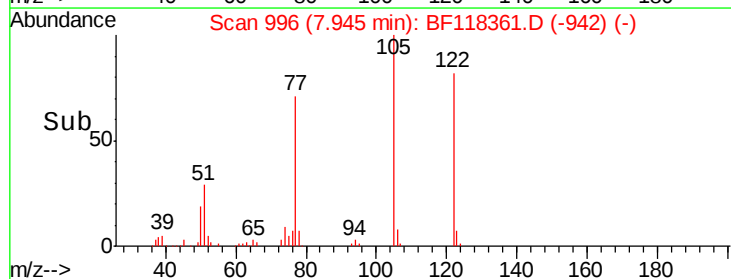
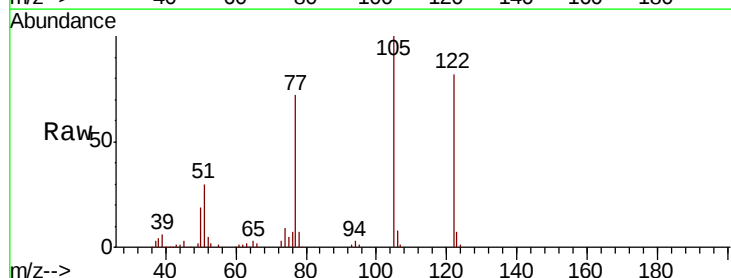
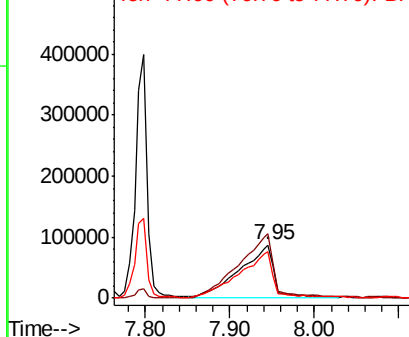
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

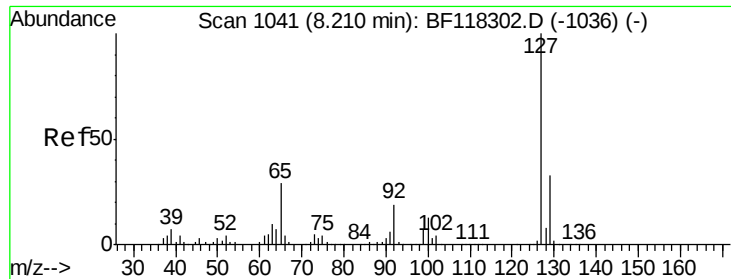


#32
Benzoic acid
Concen: 37.570 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	106.8	146.8
77	87.9	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





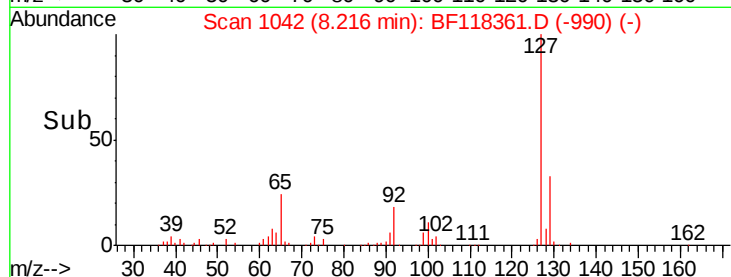
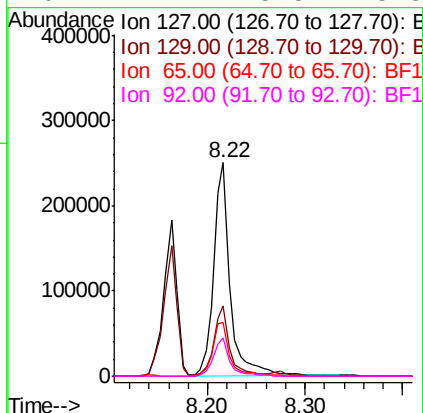
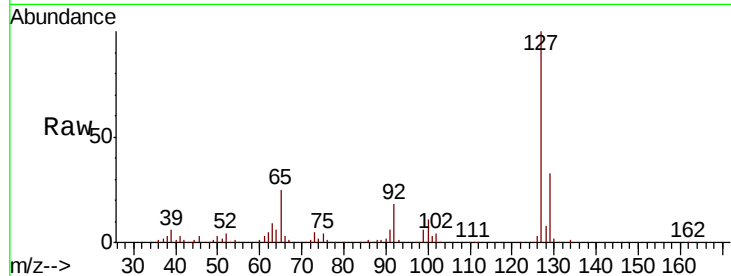
#33
4-Chloroaniline
Concen: 21.318 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.5	39.7	
65	25.4	22.8	34.2	
92	17.7	15.5	23.3	

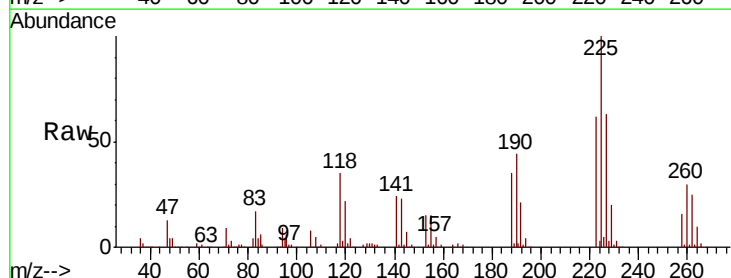
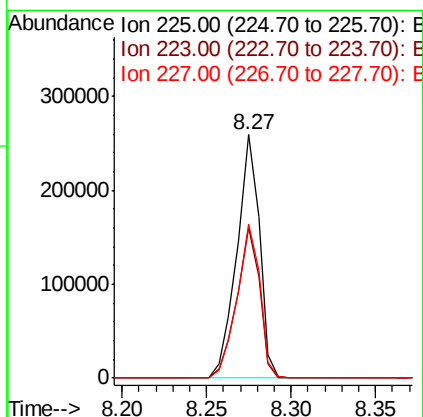
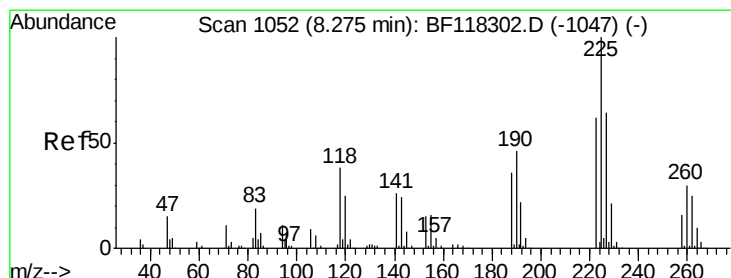
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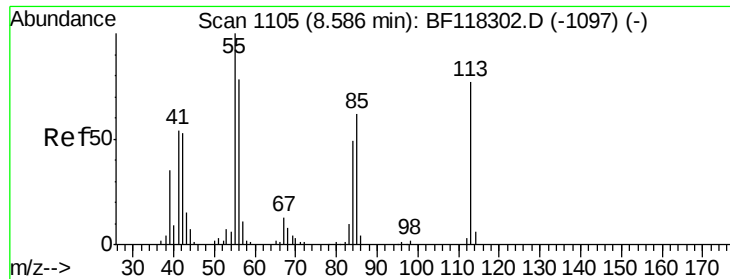
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#34
Hexachlorobutadiene
Concen: 38.172 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.5	74.3	
227	63.5	51.0	76.4	





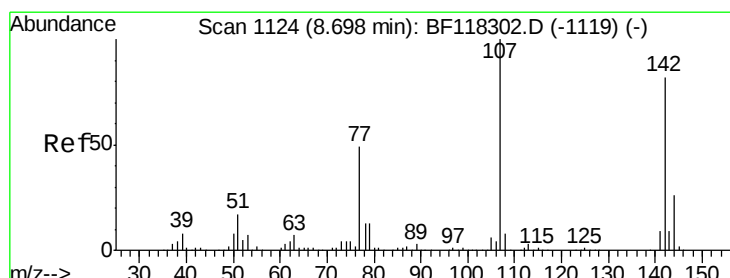
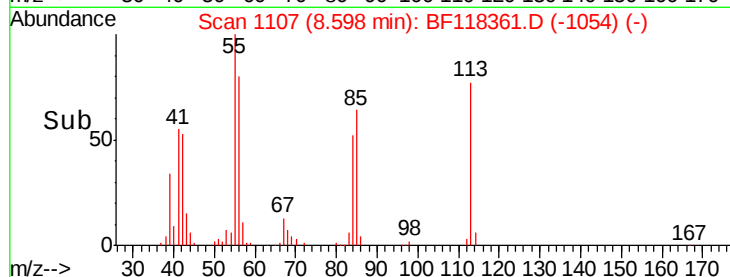
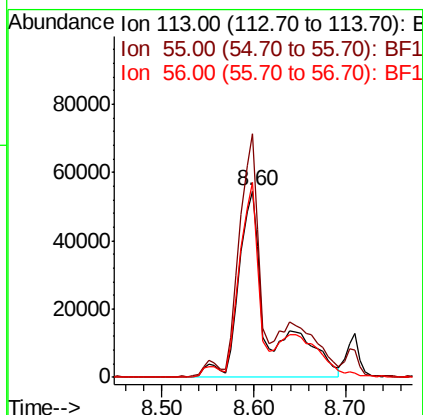
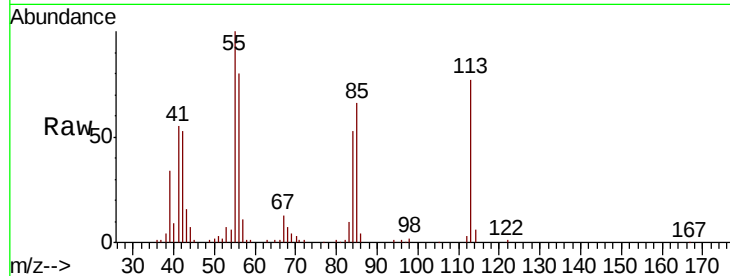
#35
Caprolactam
Concen: 44.067 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.5	109.8	149.8
56	104.5	81.7	121.7

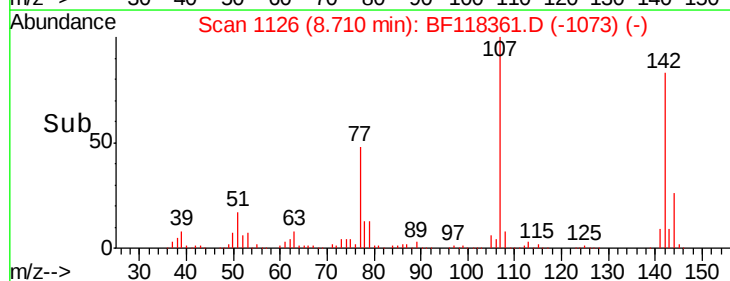
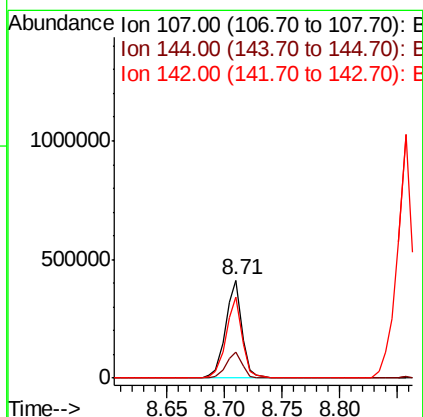
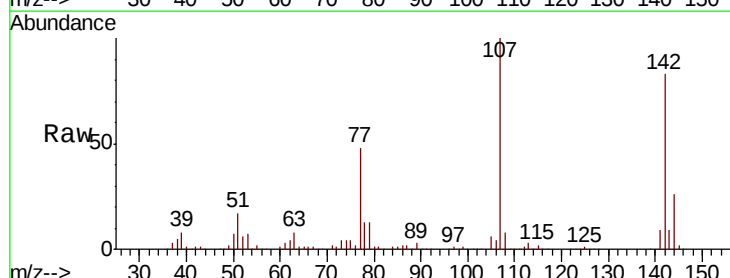
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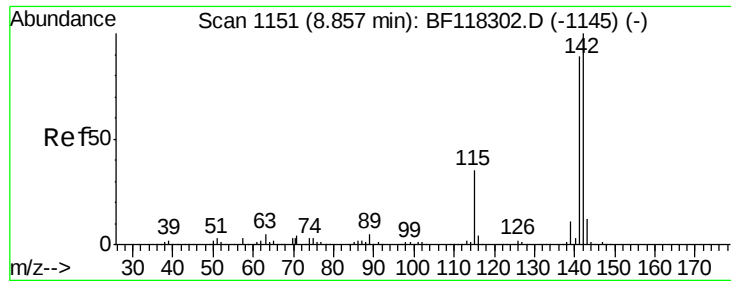
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.439 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.2	31.8
142	83.0	65.4	98.2





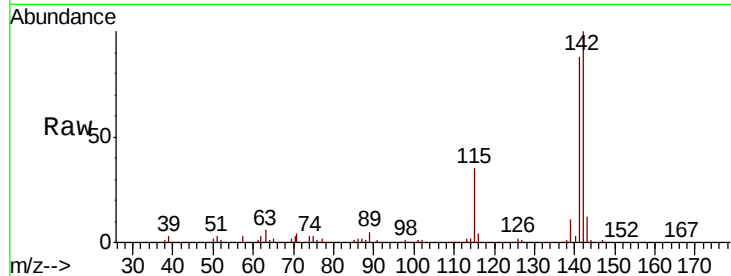
#37
2-Methylnaphthalene
Concen: 41.812 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	34.8	28.0	42.0

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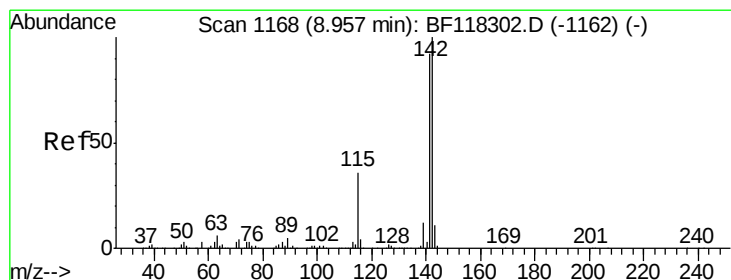
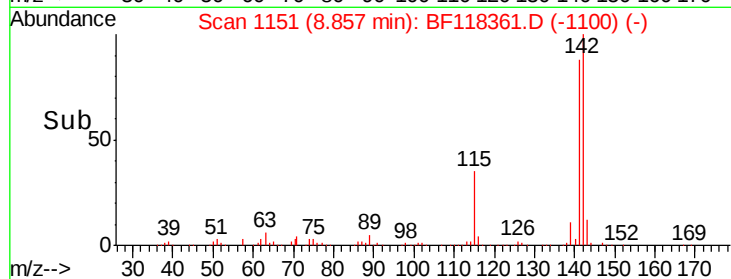
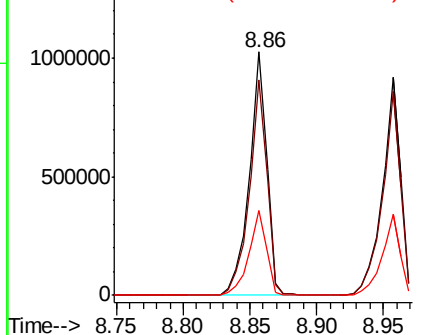


Abundance

Ion 142.00 (141.70 to 142.70): E

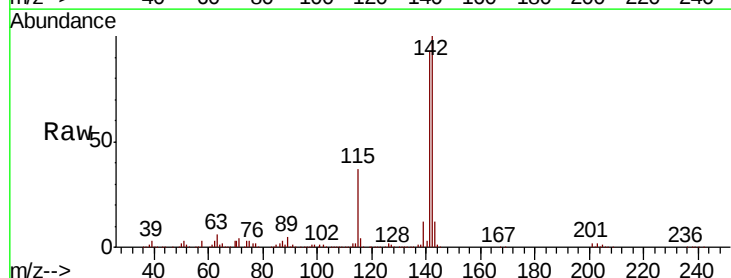
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.650 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.2
116	3.8	2.9	4.3

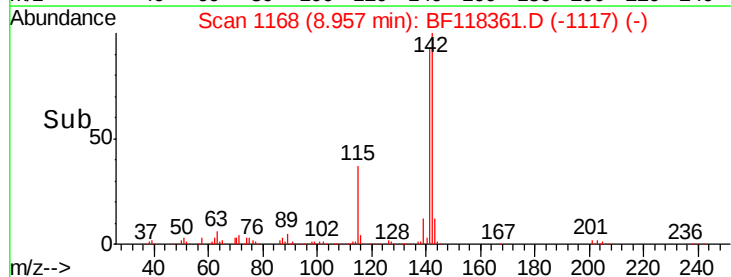
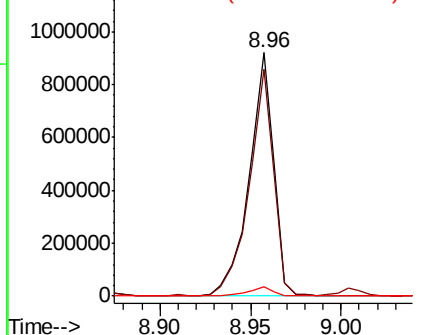


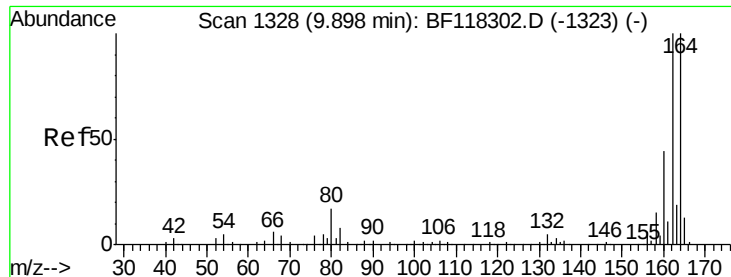
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





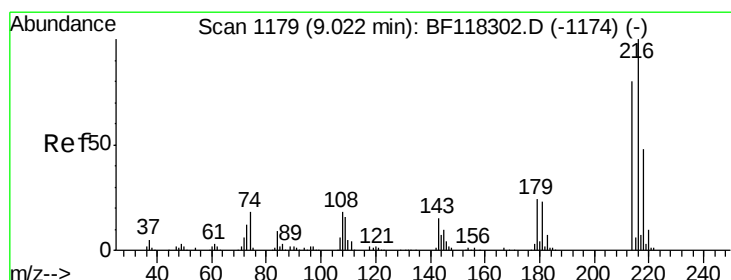
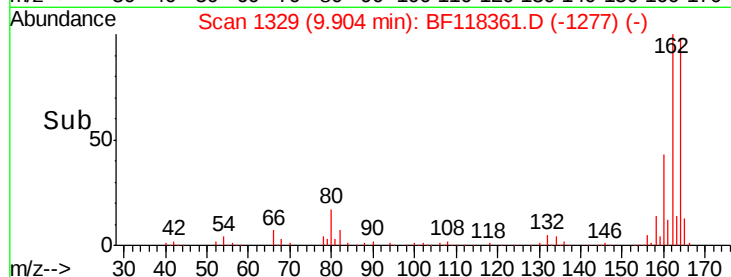
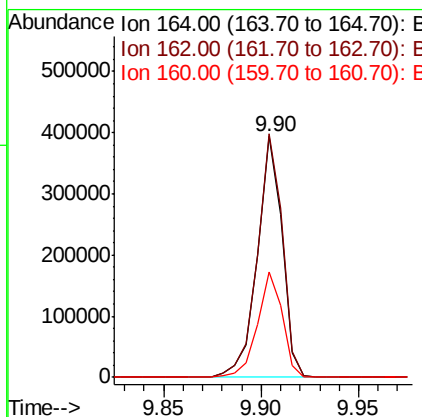
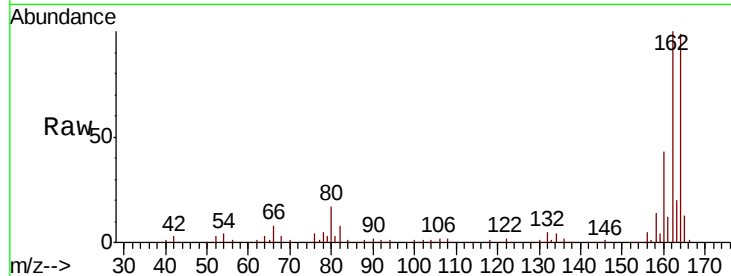
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.0	120.0
160	44.0	34.8	52.2

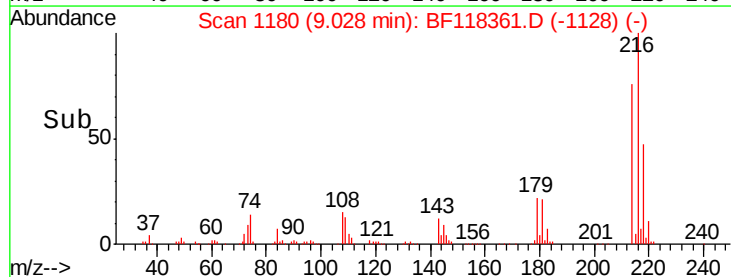
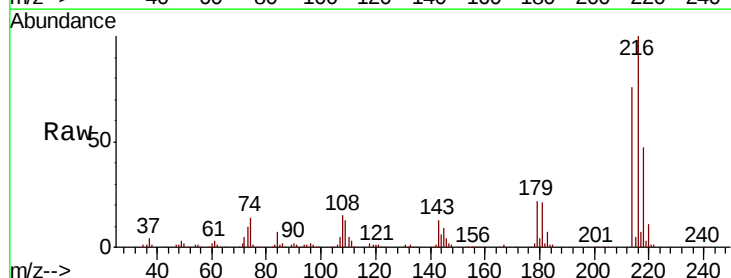
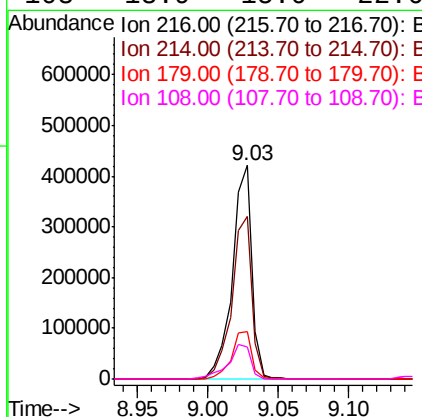
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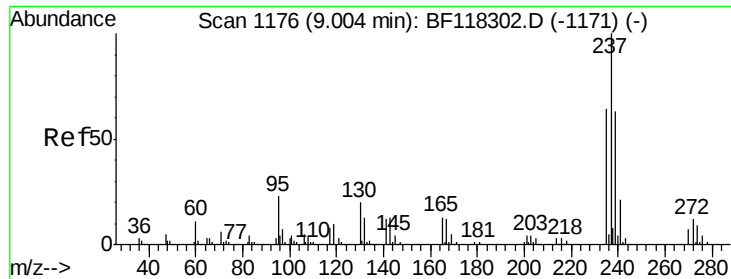
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.713 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	22.9	18.9	28.3
108	18.9	15.0	22.6





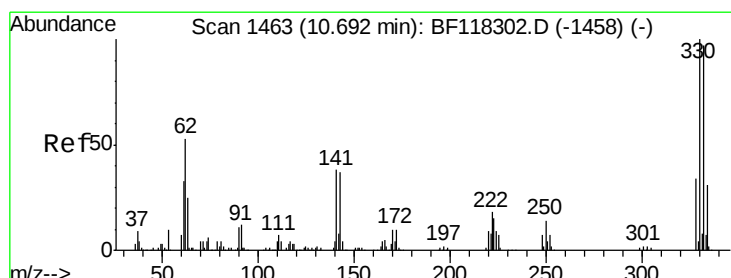
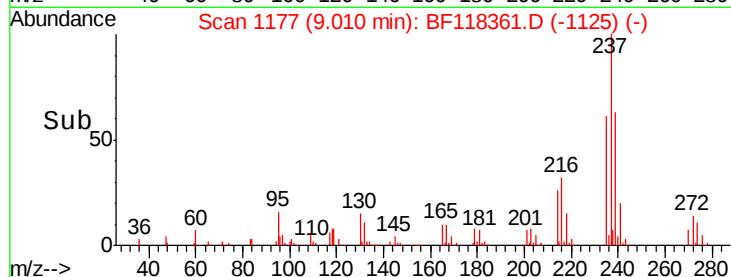
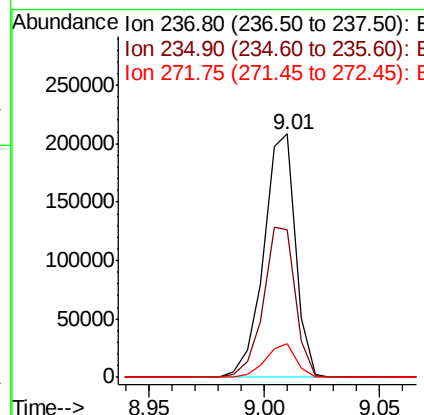
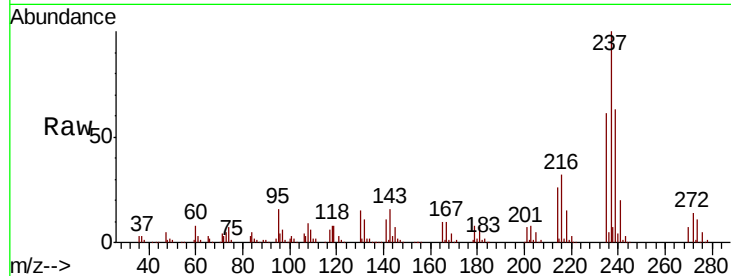
#41
Hexachlorocyclopentadiene
Concen: 49.401 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.9	43.8	83.8		
272	13.7	0.0	31.7		

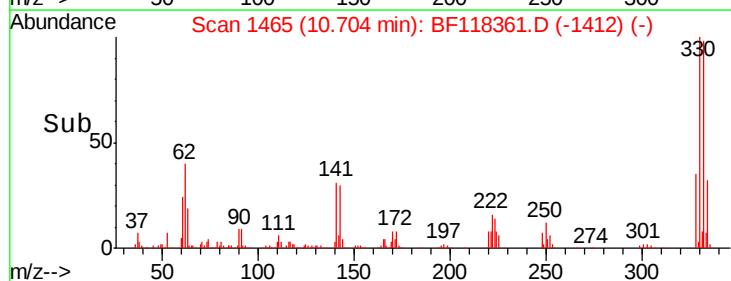
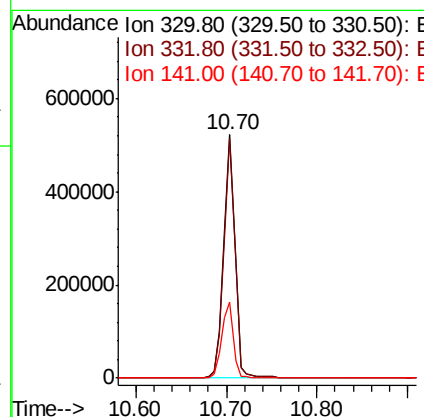
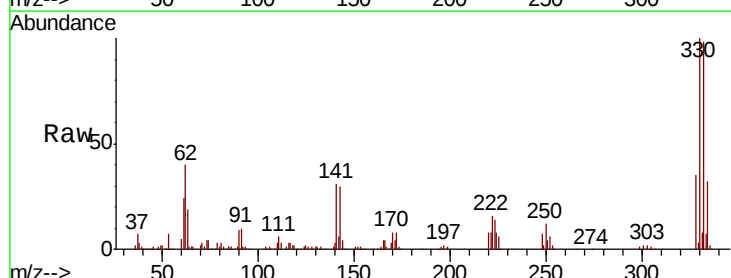
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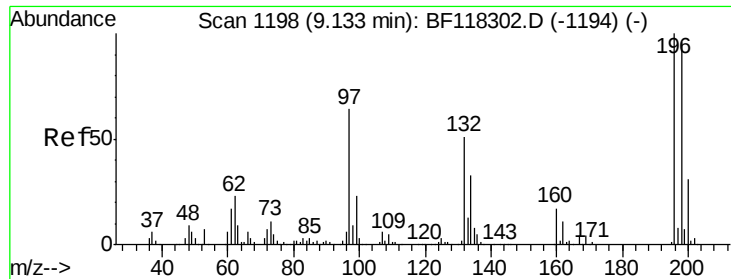
mohammad
12/30/2019 2:08:34 PM



#42
2,4,6-Tribromophenol
Concen: 104.881 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	97.0	76.6	114.8		
141	31.8	26.0	39.0		





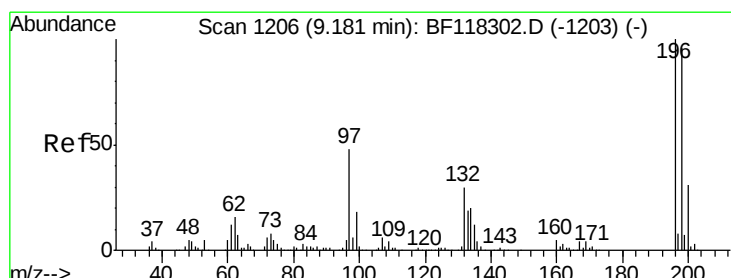
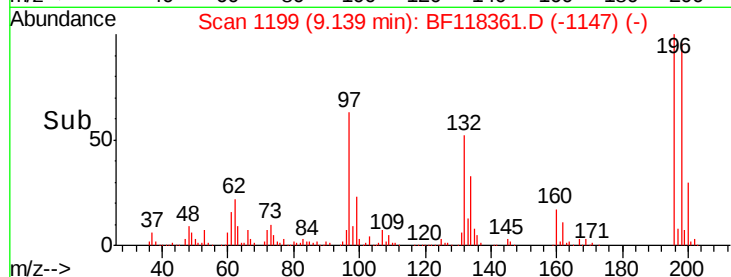
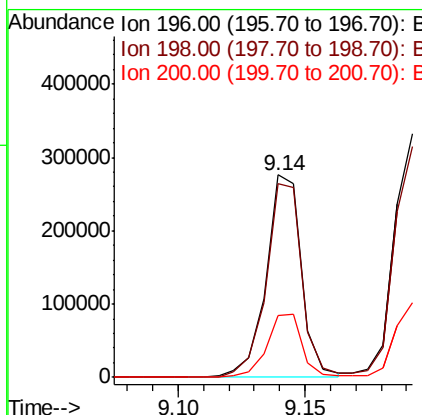
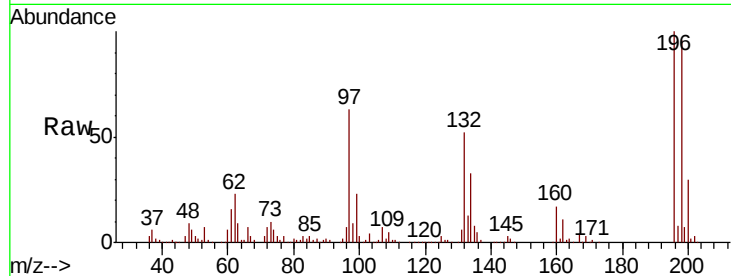
#43
 2,4,6-Trichlorophenol
 Concen: 38.741 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion:	196	Resp:	269951
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.7	115.1
200	30.3	24.8	37.2

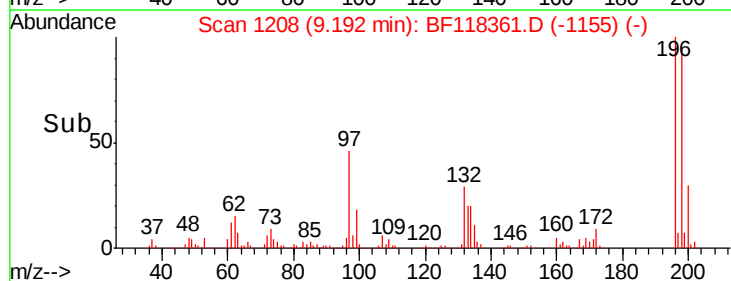
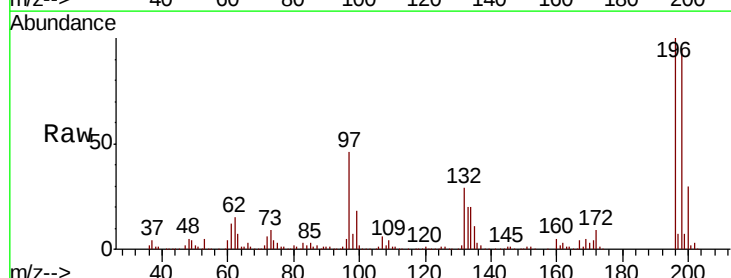
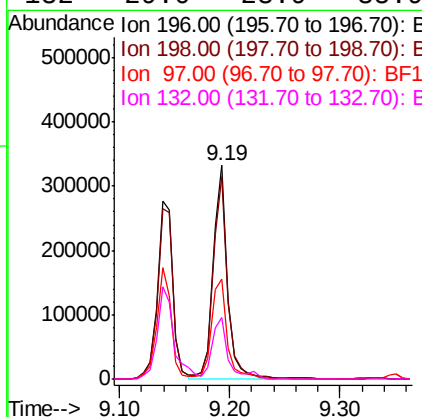
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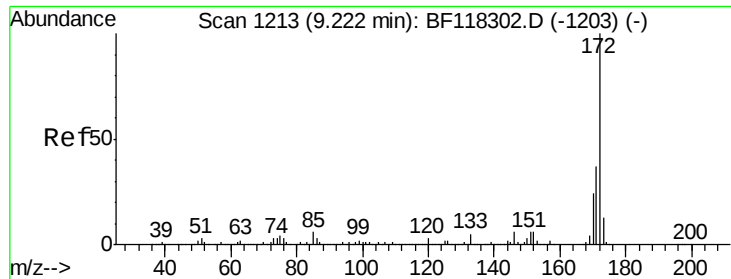
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.797 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:	196	Resp:	292440
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.0	115.4
97	46.5	38.9	58.3
132	29.0	23.9	35.9





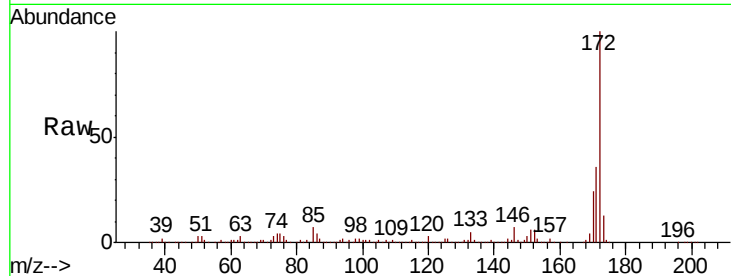
#45
2-Fluorobiphenyl
Concen: 75.781 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	23.8	19.2	28.8

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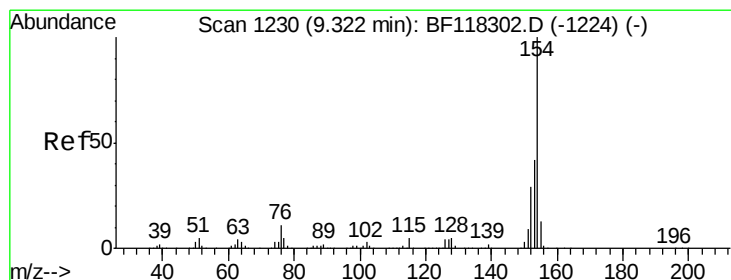
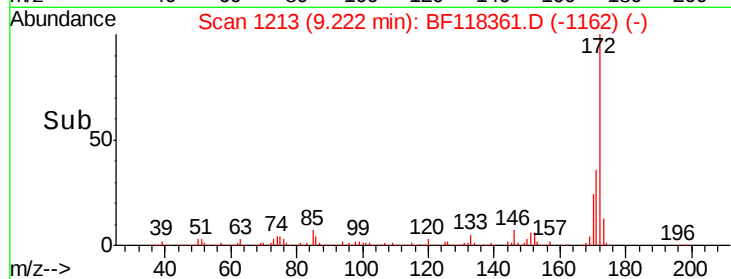
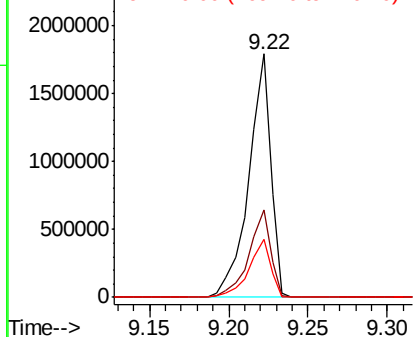


Abundance

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: 39.733 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

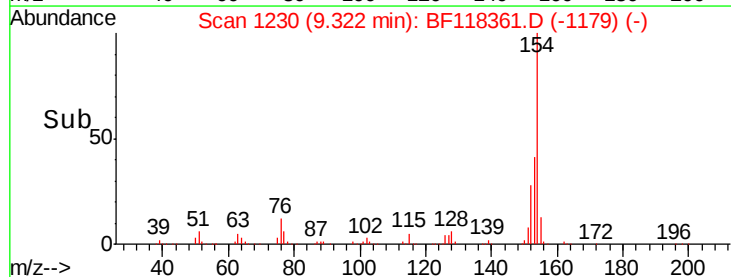
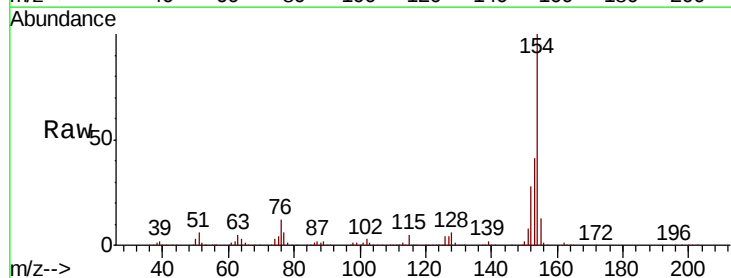
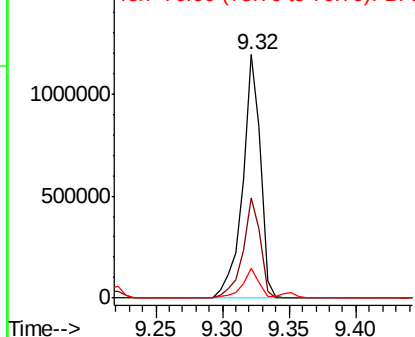
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.8	61.8
76	12.2	0.0	30.9

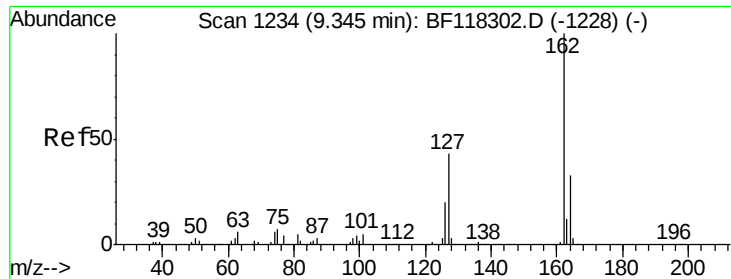
Abundance

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





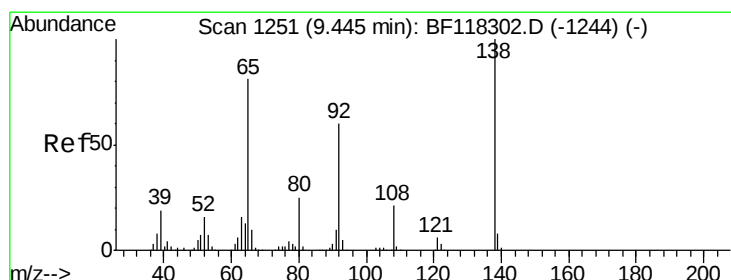
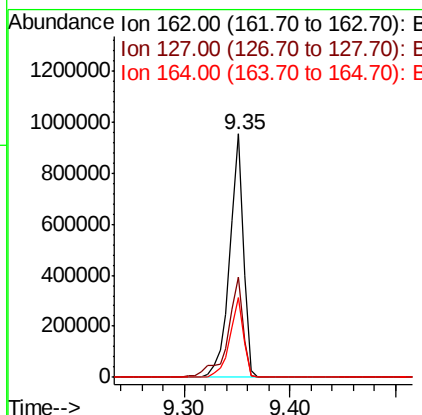
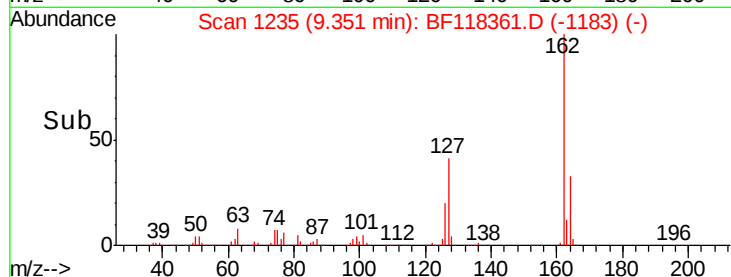
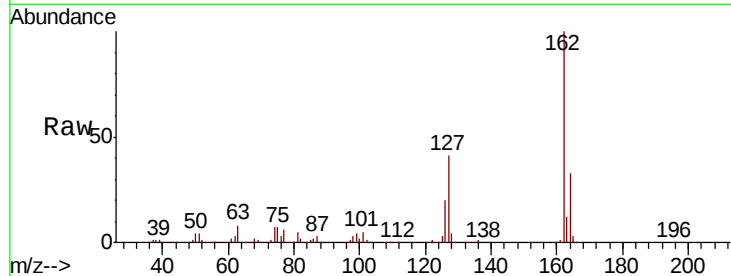
#47
2-Chloronaphthalene
Concen: 38.600 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	852995		
127	41.4	35.0	52.4	
164	32.9	26.6	40.0	

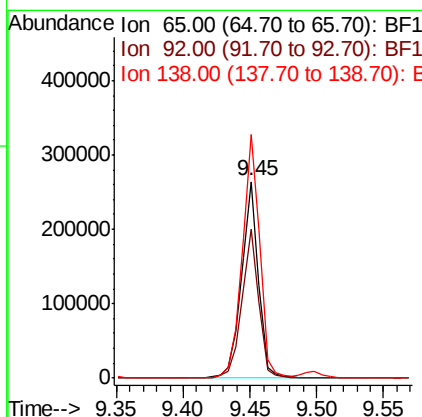
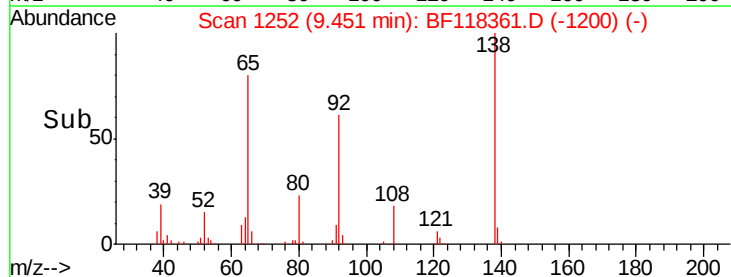
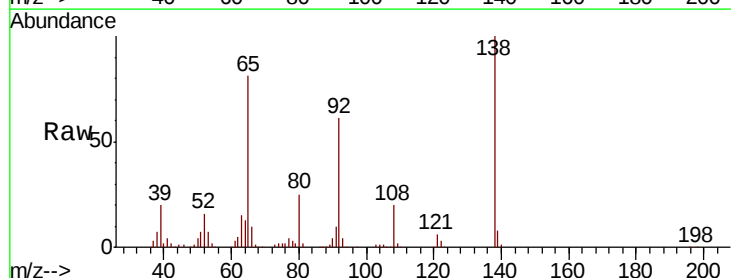
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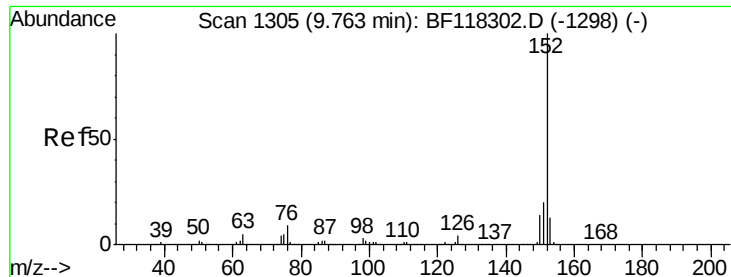
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#48
2-Nitroaniline
Concen: 37.430 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	233630		
92	76.0	58.7	88.1	
138	124.0	98.5	147.7	





#49

Acenaphthylene

Concen: 40.429 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB125749BSD

Tot Ion:152 Resp: 1325042

Ion Ratio Lower Upper

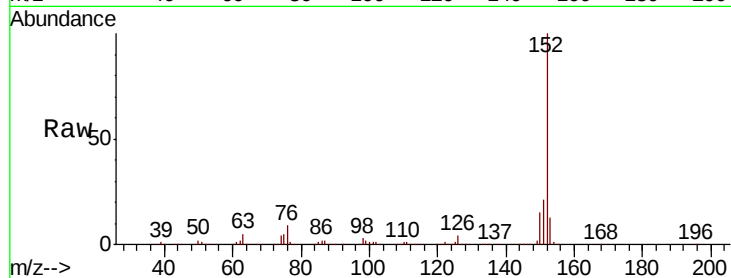
152 100

151 20.6 16.2 24.2

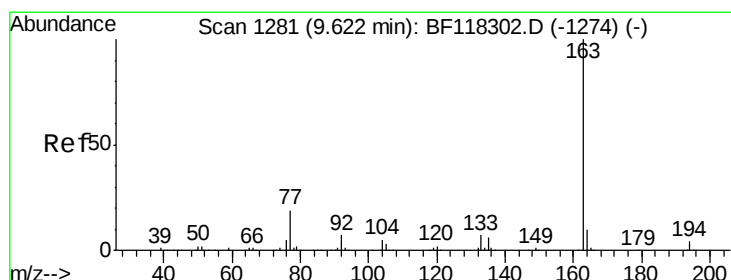
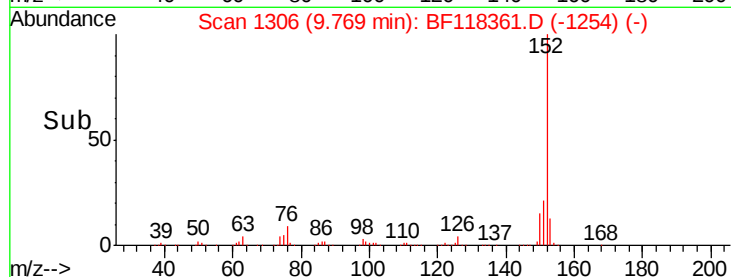
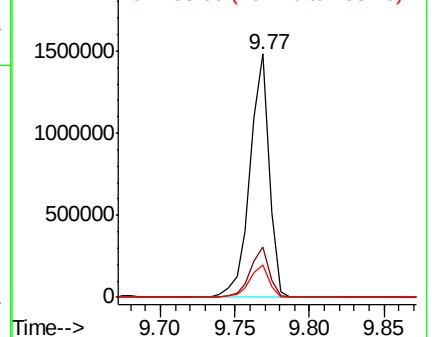
153 13.4 10.5 15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.083 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

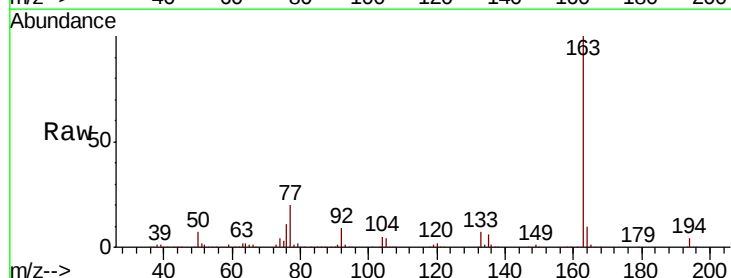
Tgt Ion:163 Resp: 1018419

Ion Ratio Lower Upper

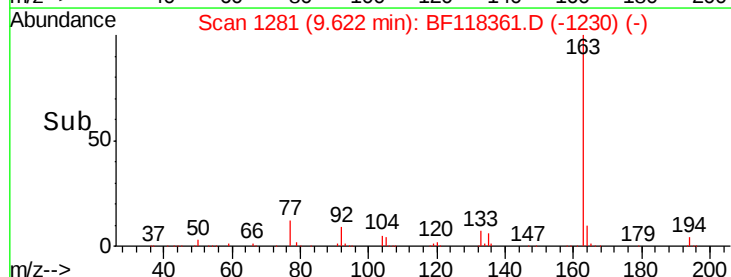
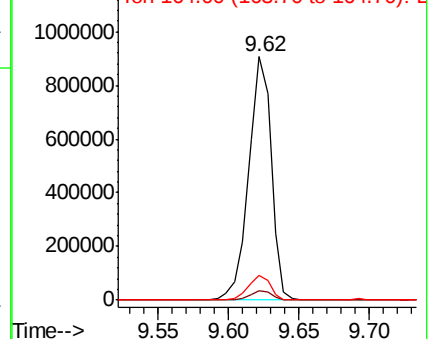
163 100

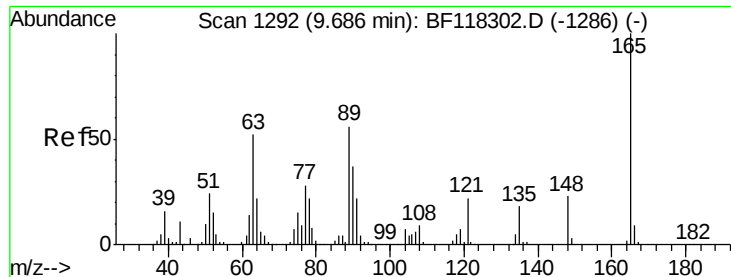
194 3.9 3.2 4.8

164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





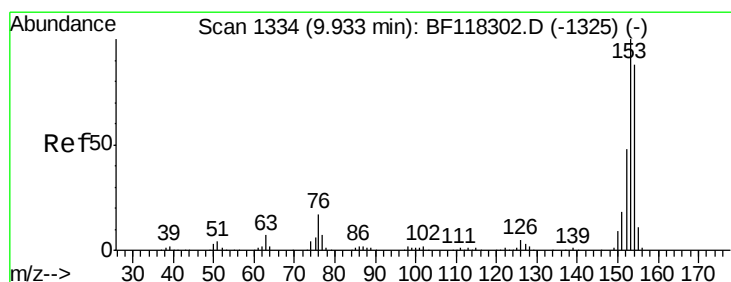
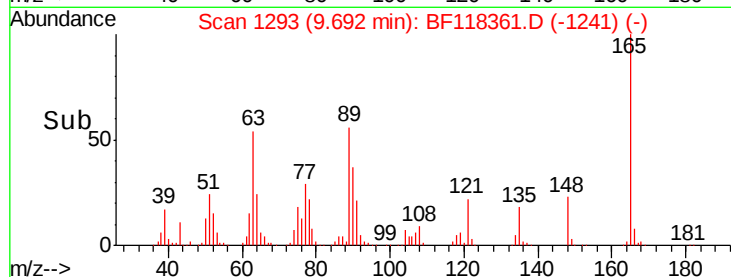
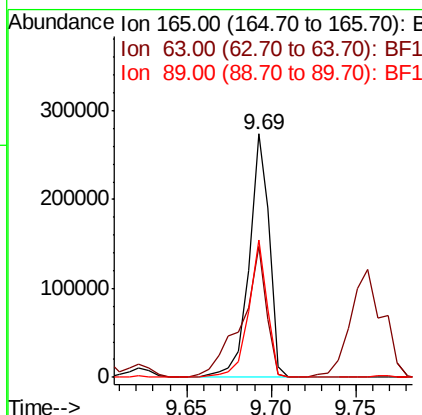
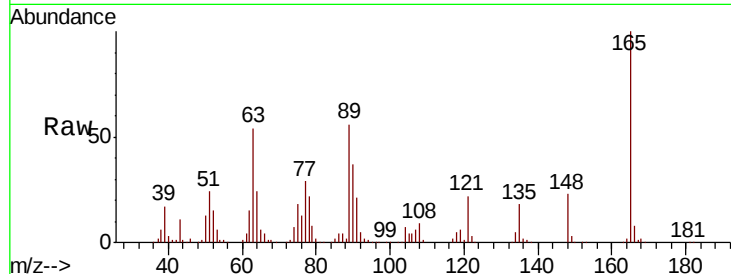
#51
 2,6-Dinitrotoluene
 Concen: 40.697 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion:	165	Resp:	228631
Ion Ratio	Lower	Upper	
165	100		
63	53.7	42.2	63.4
89	56.4	44.4	66.6

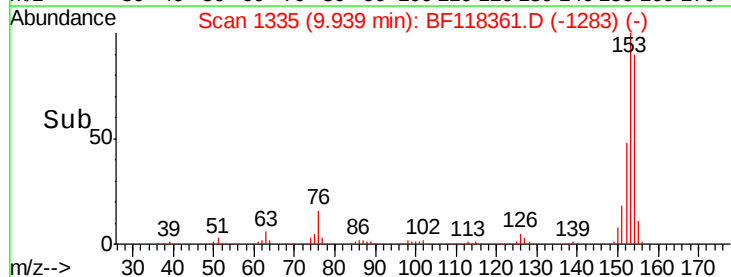
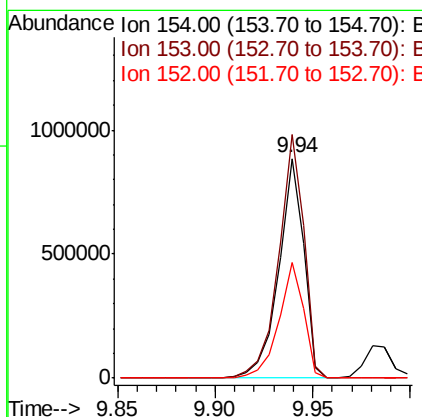
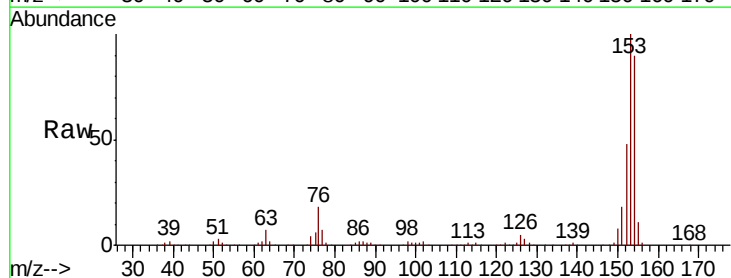
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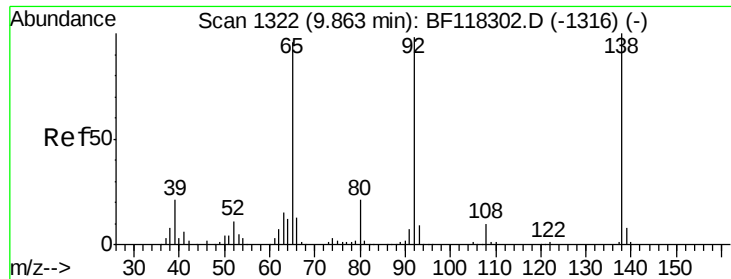
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#52
 Acenaphthene
 Concen: 39.464 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:	154	Resp:	787820
Ion Ratio	Lower	Upper	
154	100		
153	110.7	90.6	136.0
152	52.6	43.1	64.7





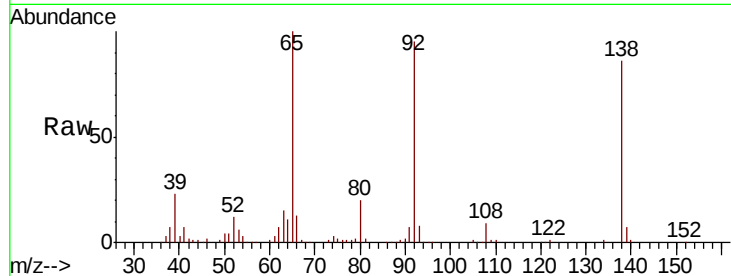
#53
3-Nitroaniline
Concen: 23.924 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

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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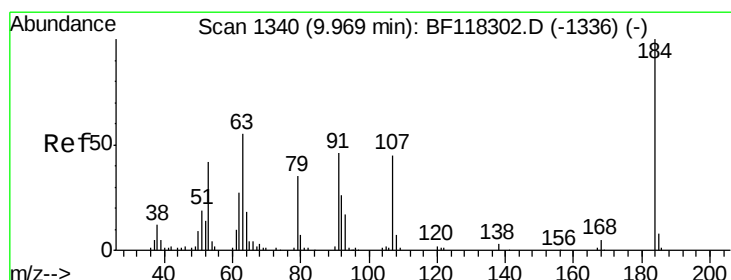
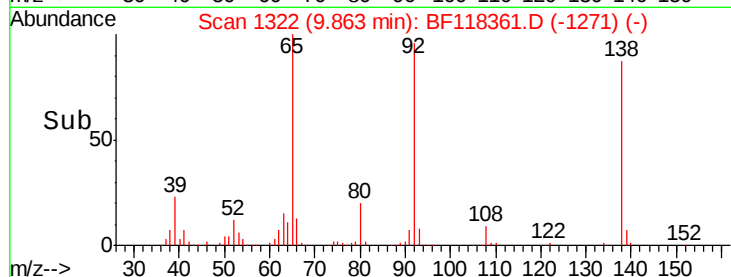
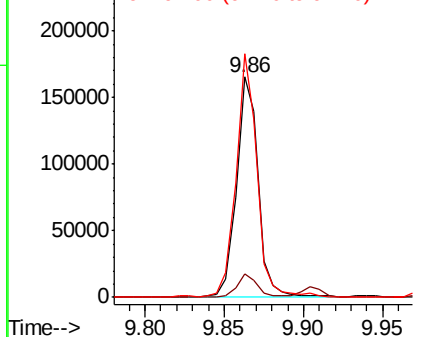


Abundance

Ion 138.00 (137.70 to 138.70): E

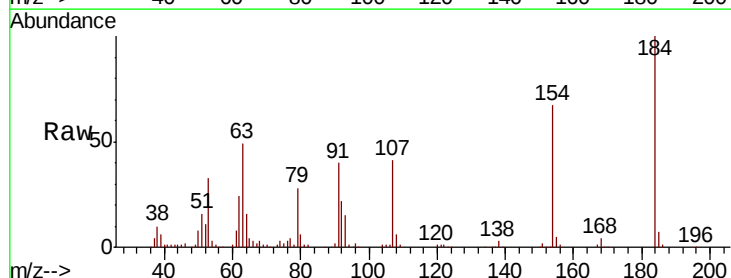
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 74.410 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.7	48.8	73.2#
154	66.8	55.0	82.4

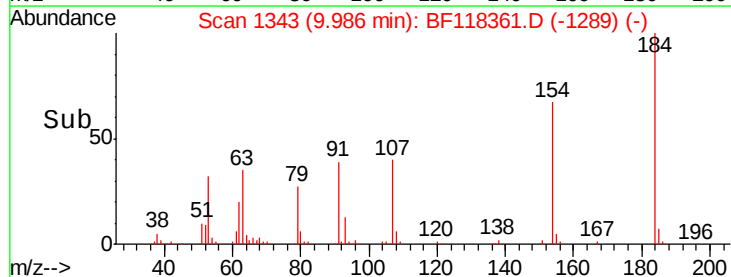
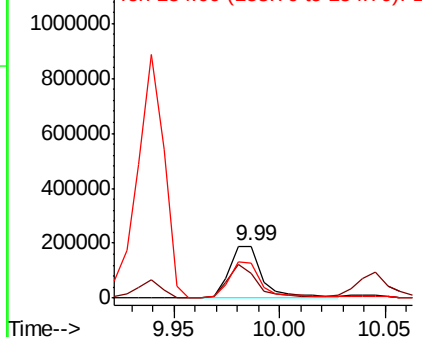


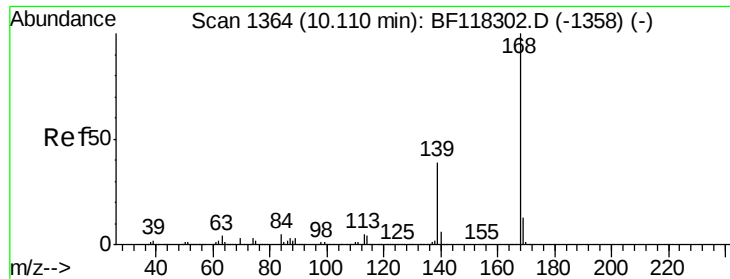
Abundance

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





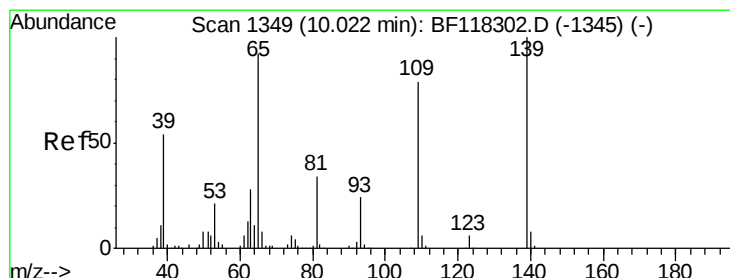
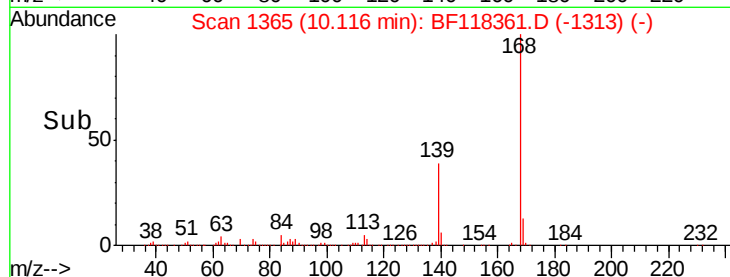
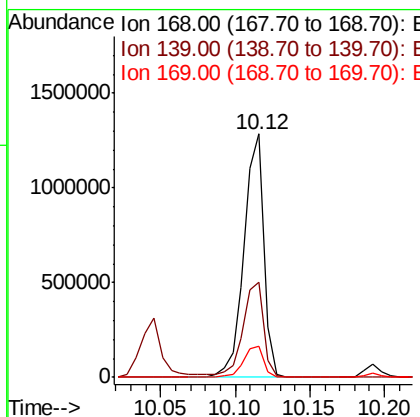
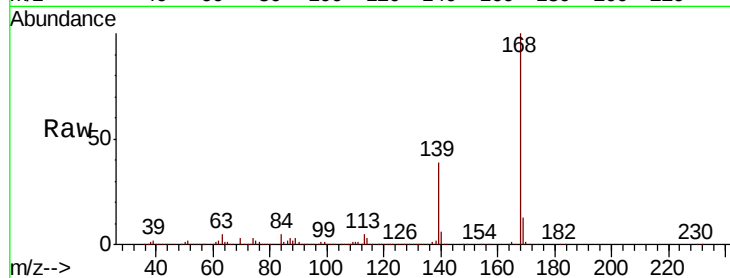
#55
Dibenzofuran
Concen: 39.986 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.5	47.3
169	12.9	10.4	15.6

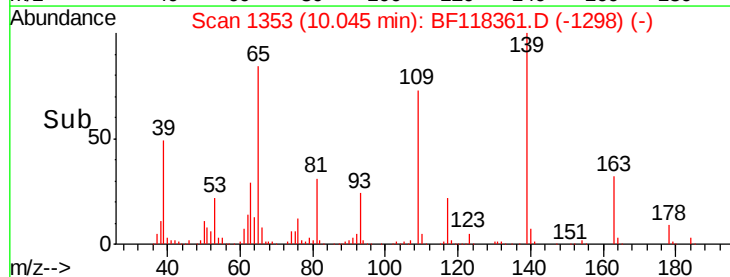
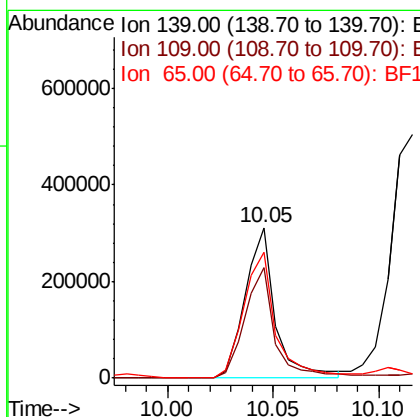
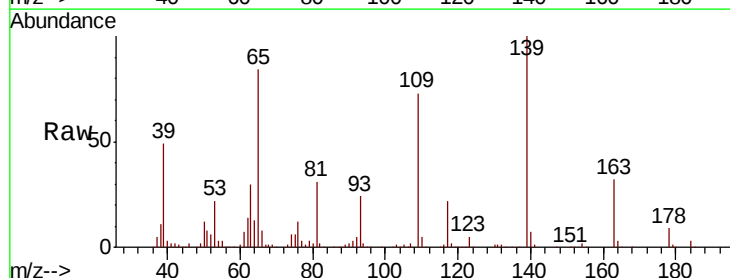
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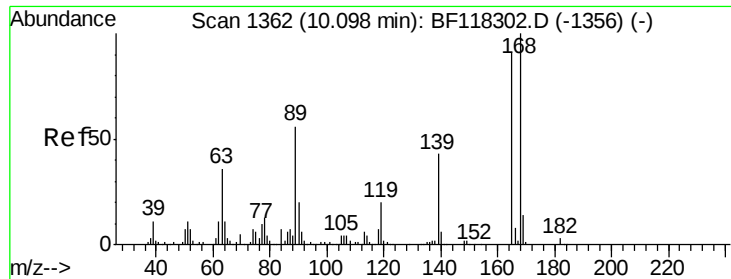
mohammad
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#56
4-Nitrophenol
Concen: 75.731 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.1	59.3	99.3
65	83.8	72.4	112.4





#57

2,4-Dinitrotoluene

Concen: 40.032 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB125749BSD

Tot Ion:165 Resp: 300506
Ion Ratio Lower Upper

165 100

63 46.2 32.0 48.0

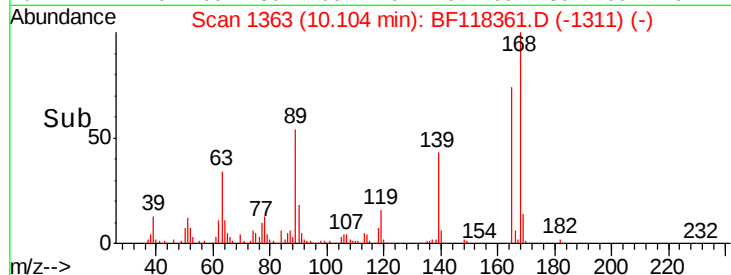
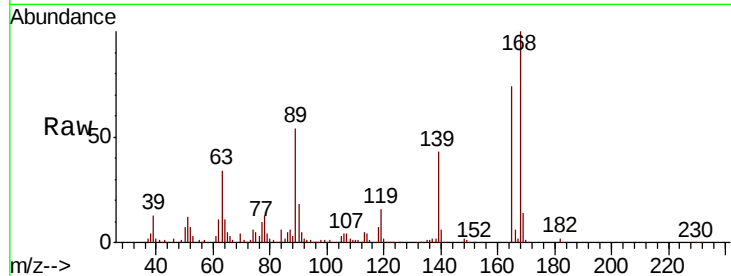
89 72.3 49.3 73.9

182 2.8 2.4 3.6

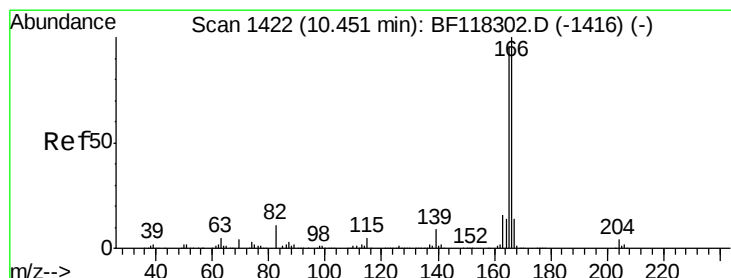
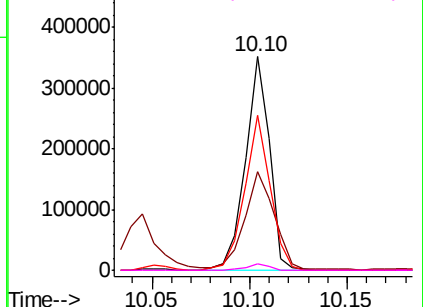
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.709 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118361.D

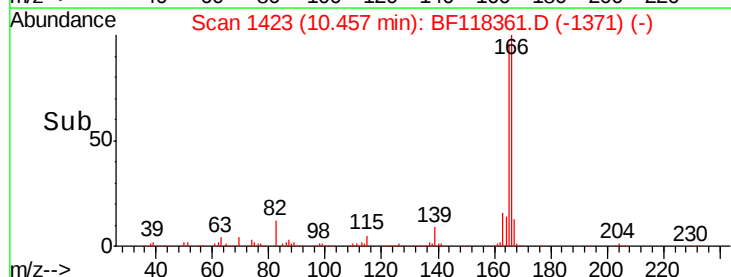
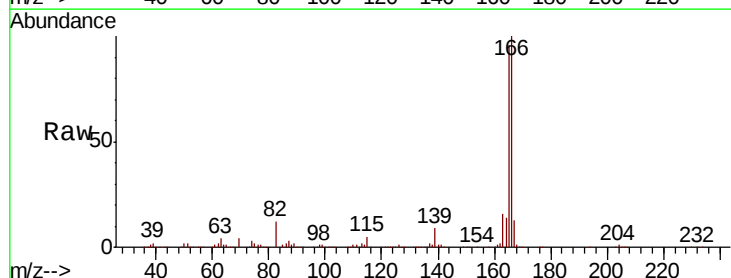
Acq: 28 Dec 2019 13:13

Tgt Ion:166 Resp: 945547
Ion Ratio Lower Upper

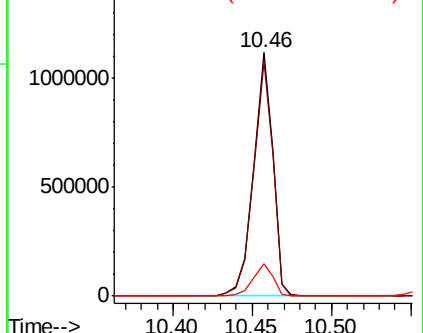
166 100

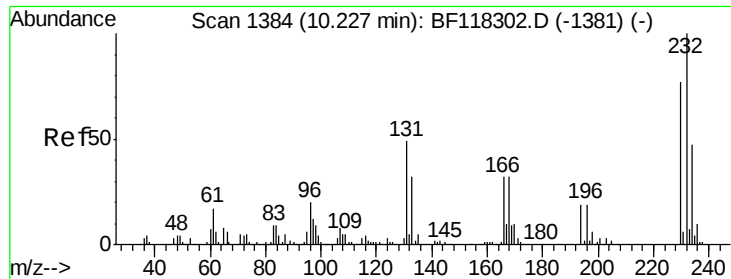
165 96.2 77.0 115.4

167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





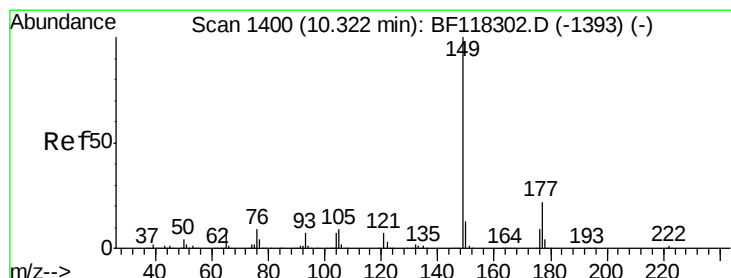
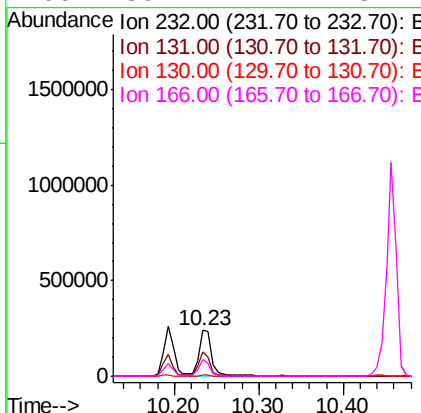
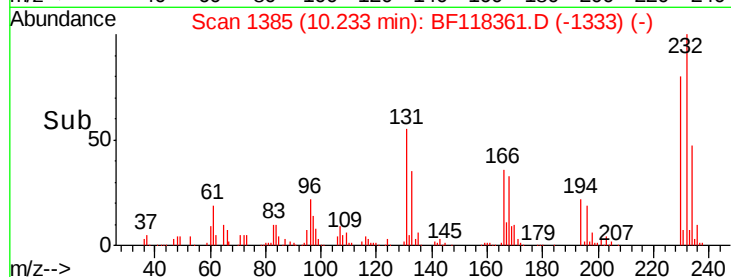
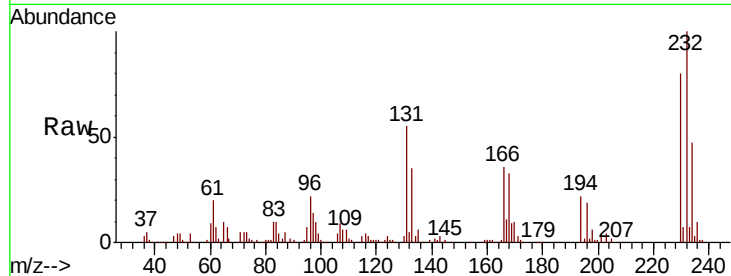
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.085 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion:	232	Resp:	250233
Ion Ratio	Lower	Upper	
232	100		
131	46.3	37.7	56.5
130	2.4	2.0	3.0
166	30.4	24.7	37.1

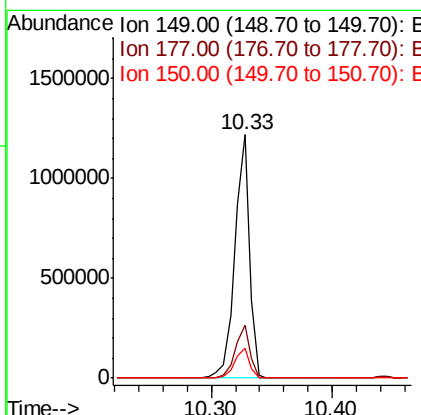
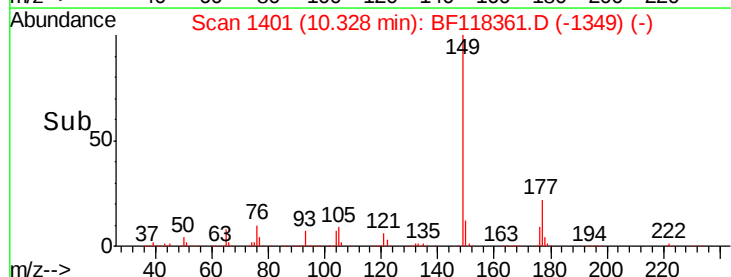
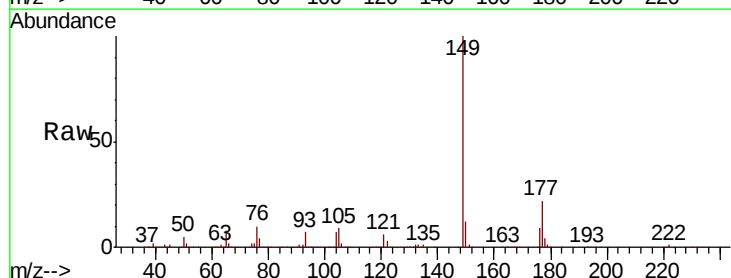
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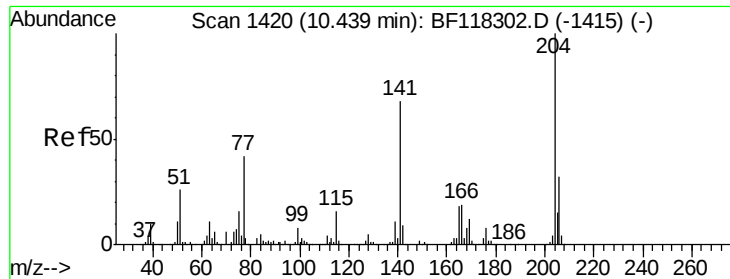
mohammad
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#60
 Diethylphthalate
 Concen: 39.985 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:	149	Resp:	1030774
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.9	26.9
150	12.4	10.2	15.2





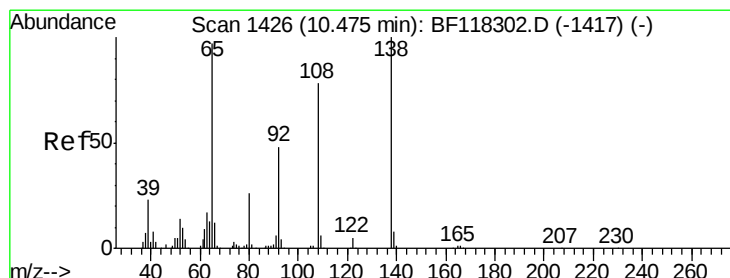
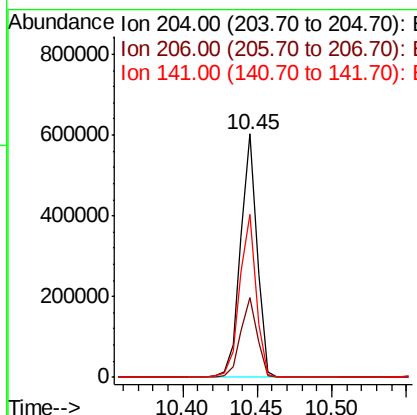
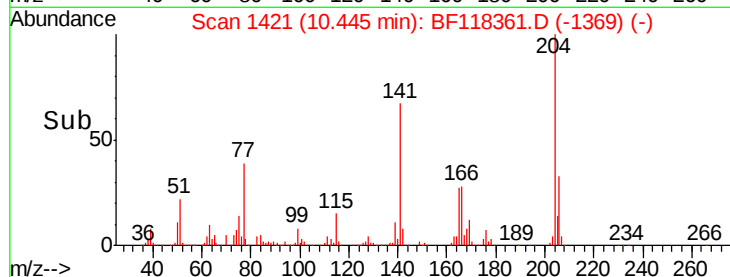
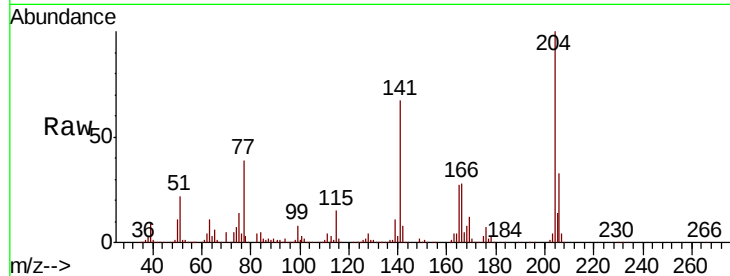
#61
 4-Chlorophenyl-phenylether
 Concen: 39.363 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion:	204	Resp:	467904
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.8	38.8
141	66.9	54.2	81.4

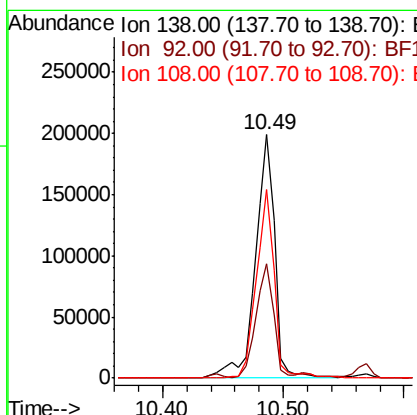
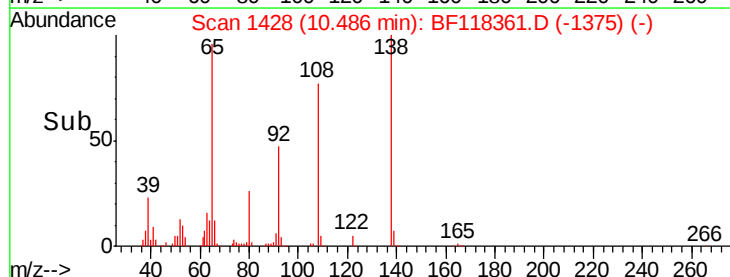
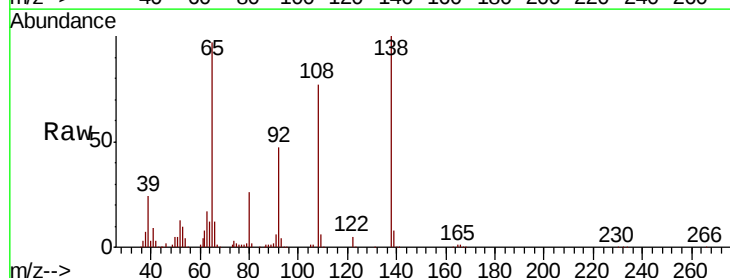
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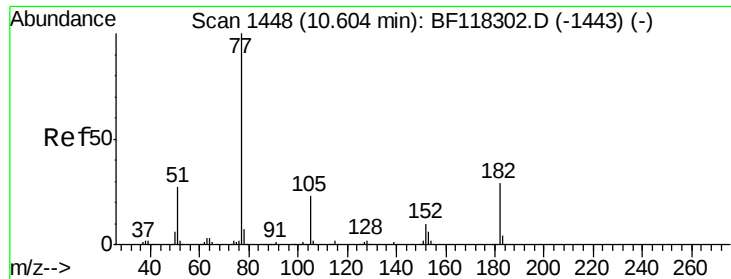
mohammad
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#62
 4-Nitroaniline
 Concen: 32.620 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:	138	Resp:	223448
Ion Ratio	Lower	Upper	
138	100		
92	47.1	27.9	67.9
108	77.3	58.1	98.1





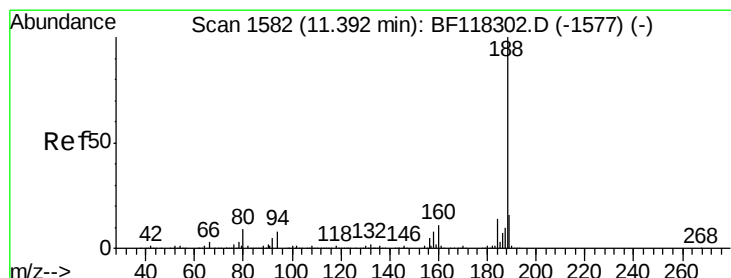
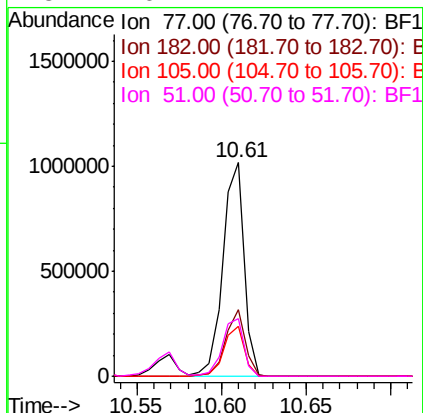
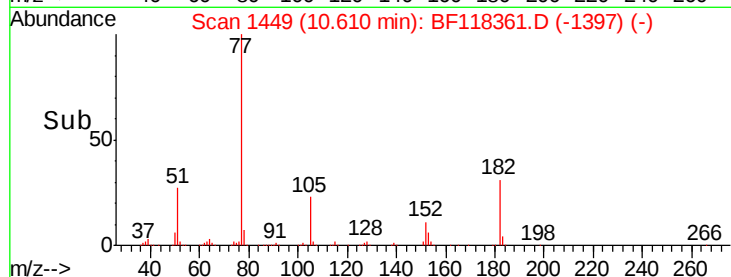
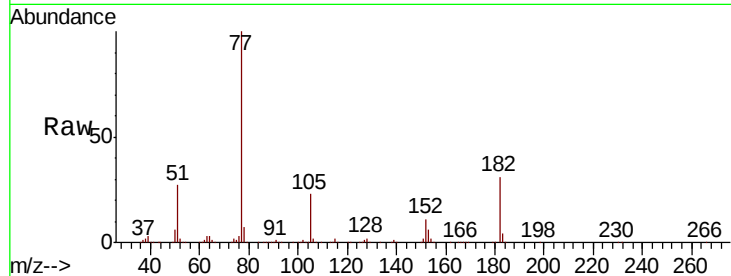
#63
Azobenzene
Concen: 40.229 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.3	9.2	49.2
105	23.5	3.2	43.2
51	26.7	7.1	47.1

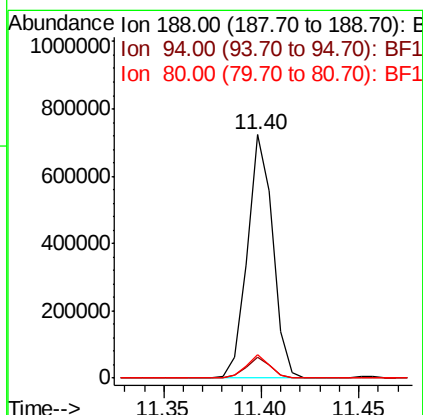
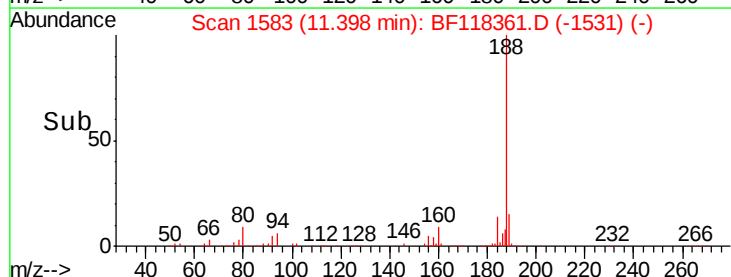
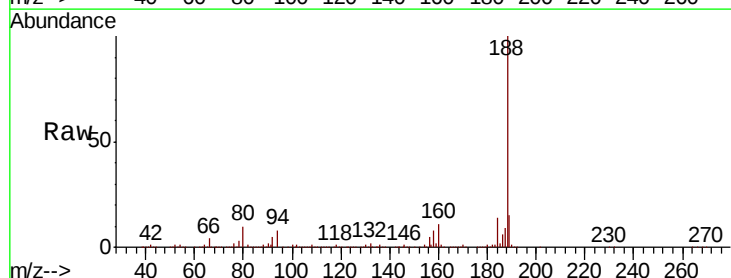
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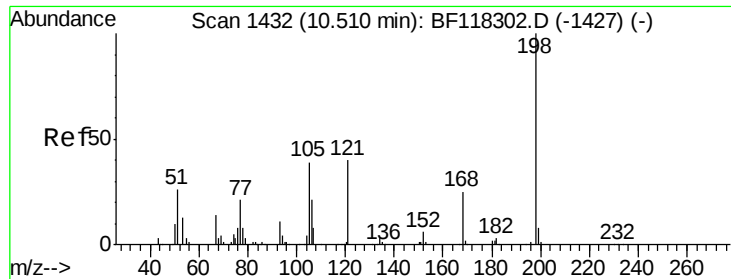
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.6	7.2	10.8





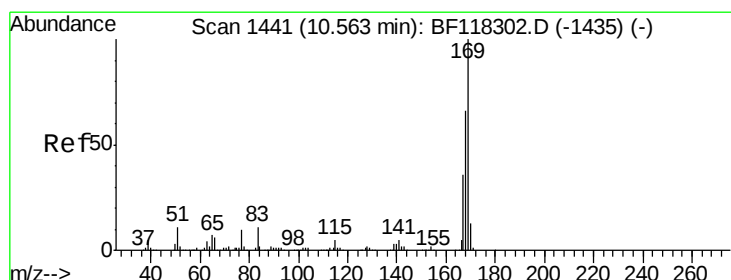
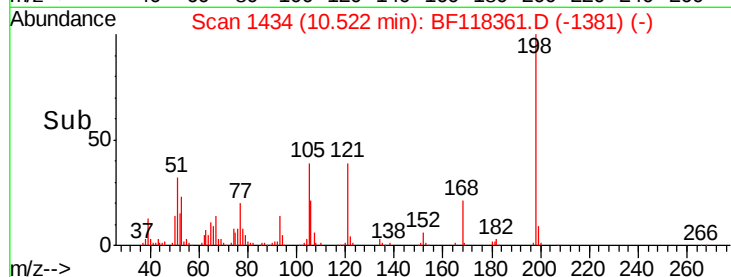
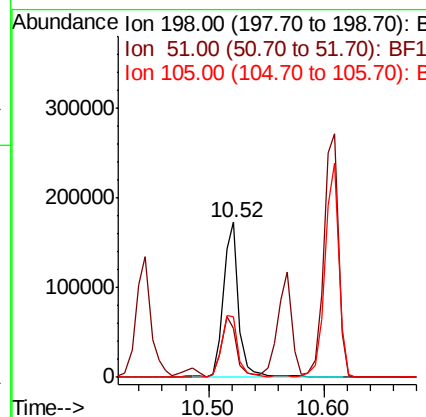
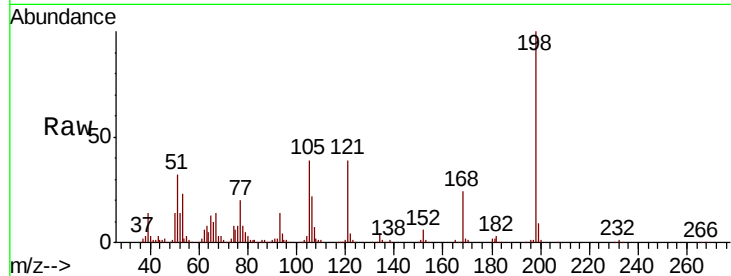
#65
4,6-Dinitro-2-methylphenol
Concen: 45.286 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	159054		
51	31.8	12.8	52.8	
105	38.7	20.3	60.3	

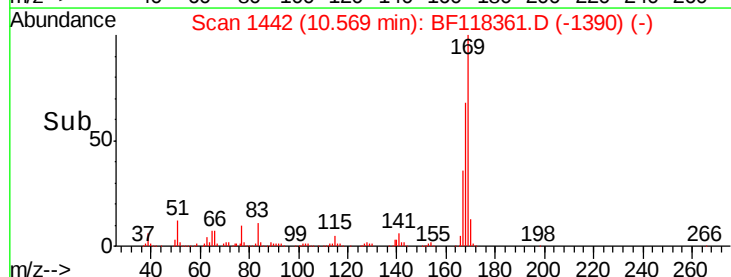
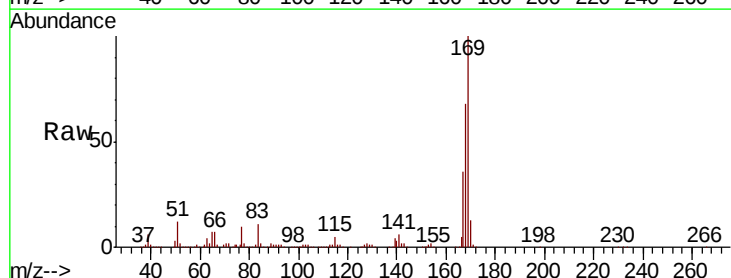
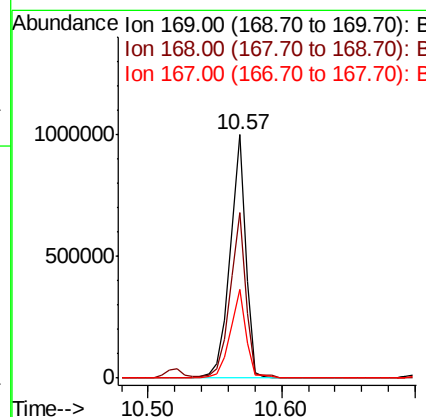
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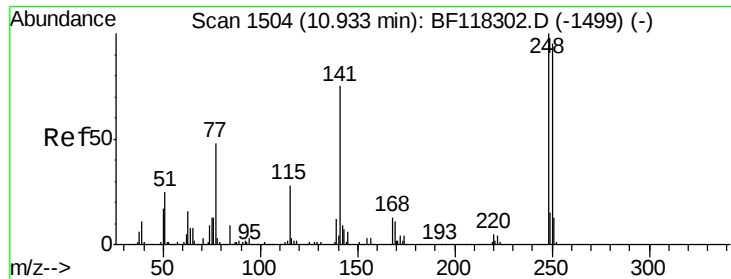
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#66
n-Nitrosodiphenylamine
Concen: 40.033 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	835325		
168	67.9	52.6	79.0	
167	36.4	28.4	42.6	





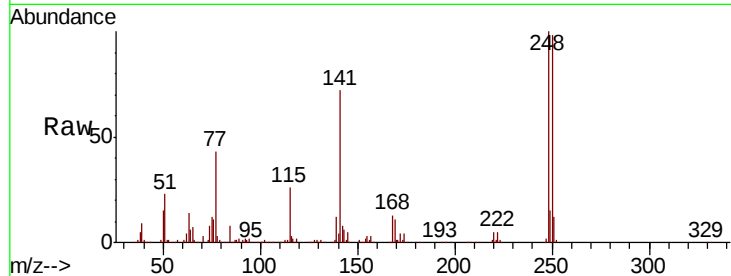
#67
4-Bromophenyl-phenylether
Concen: 39.419 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

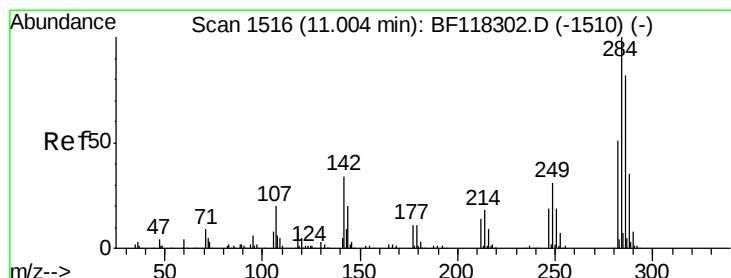
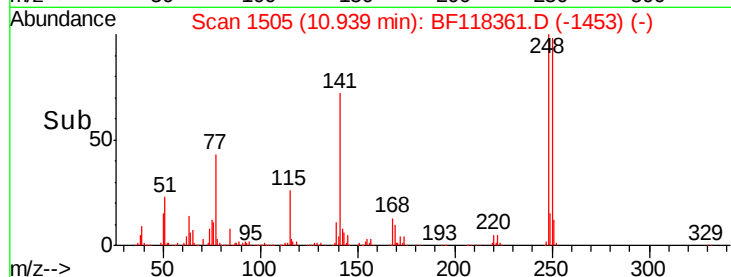
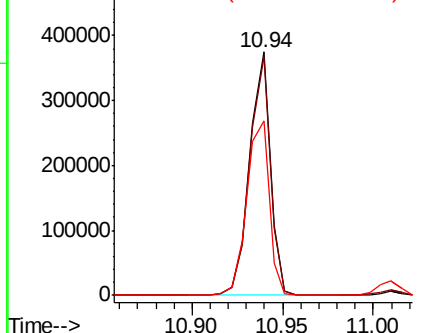
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.4	114.6
141	71.5	60.2	90.2

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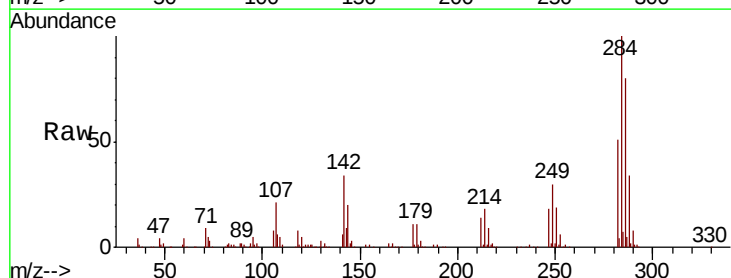


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

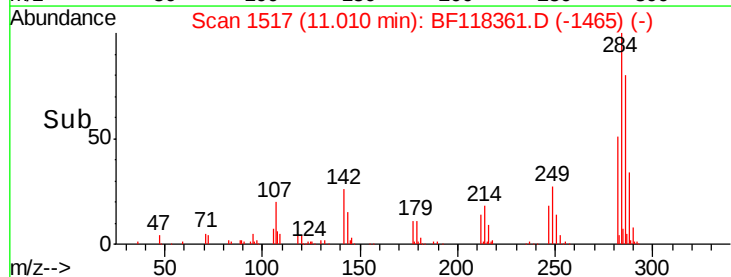
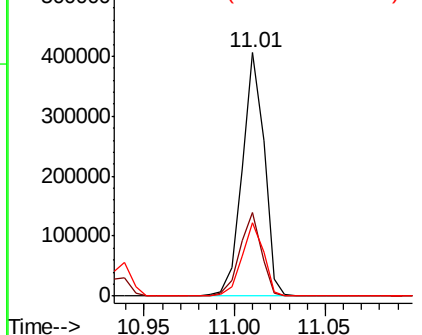


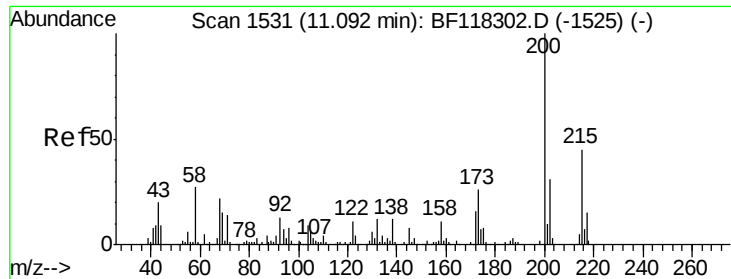
#68
Hexachlorobenzene
Concen: 38.192 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.3	40.9
249	30.1	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





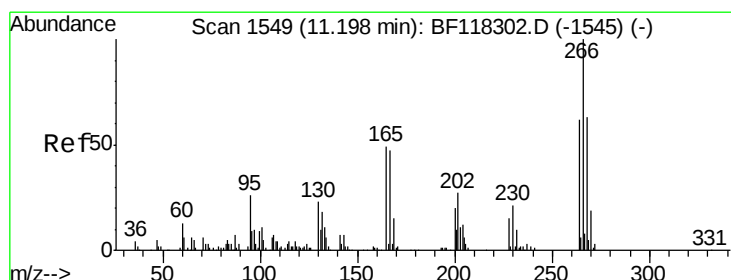
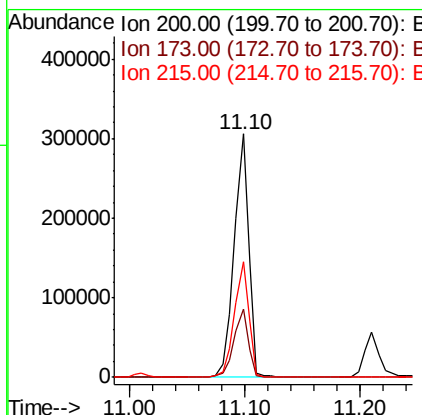
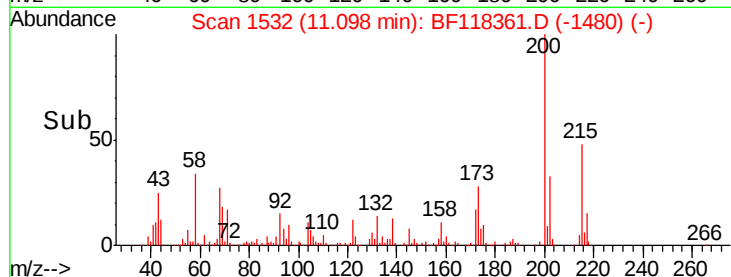
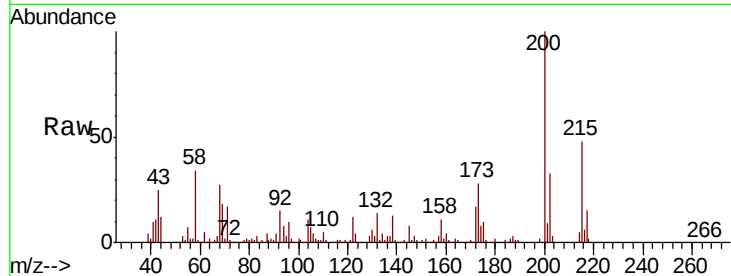
#69
Atrazine
Concen: 41.885 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	269740		
173	28.2	5.8	45.8	
215	47.7	25.1	65.1	

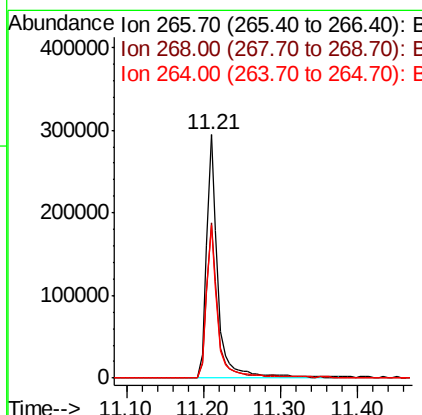
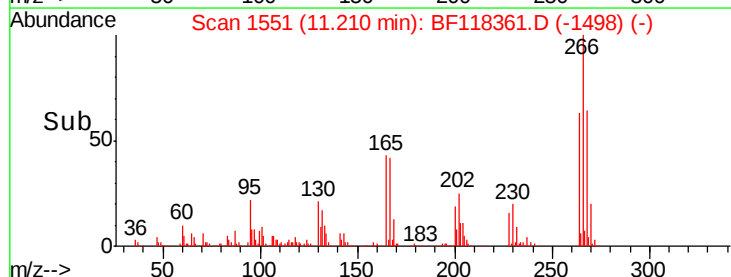
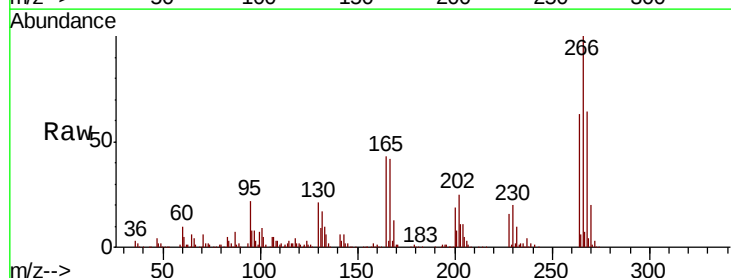
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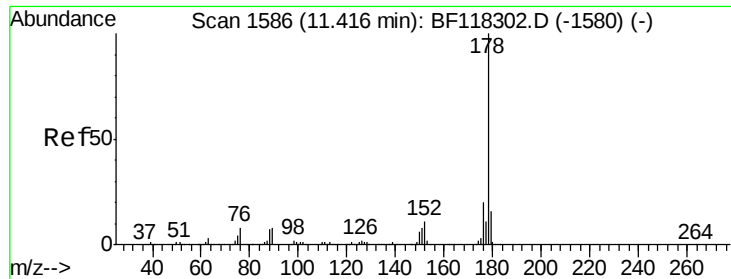
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#70
Pentachlorophenol
Concen: 78.155 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	303558		
268	63.6	50.6	76.0	
264	62.8	49.9	74.9	





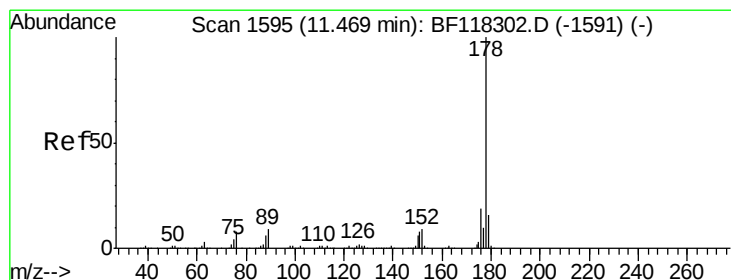
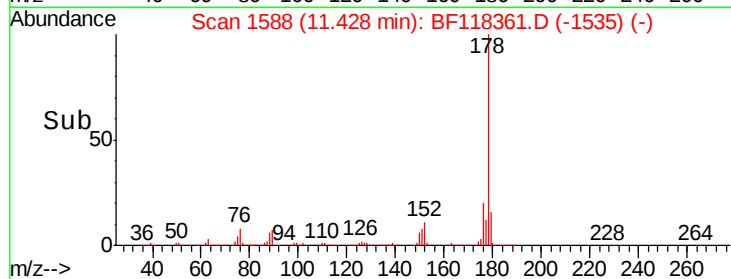
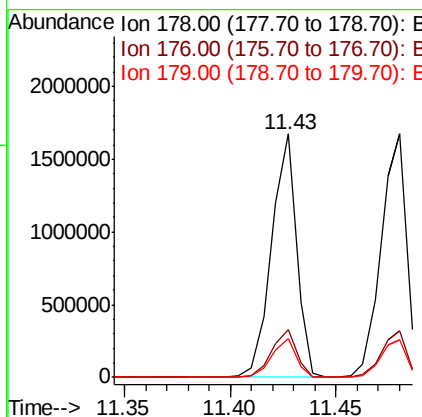
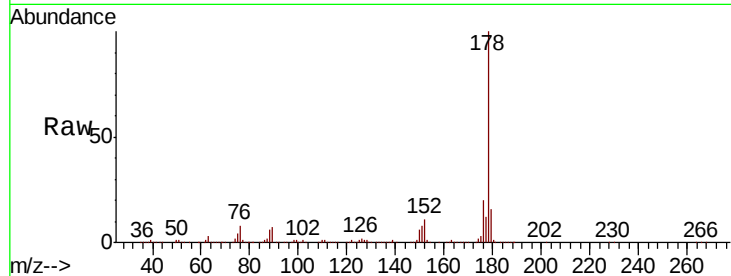
#71
Phenanthrene
Concen: 39.013 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.8	12.6	19.0

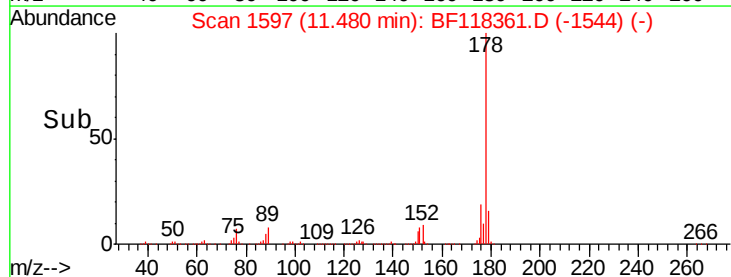
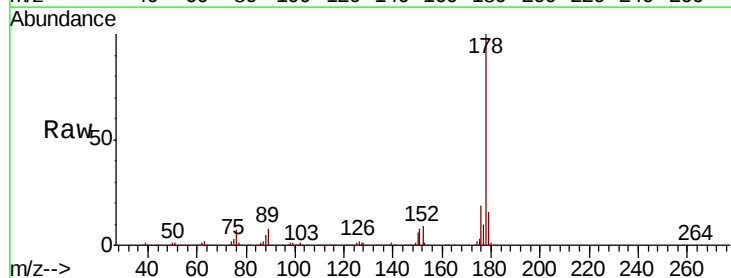
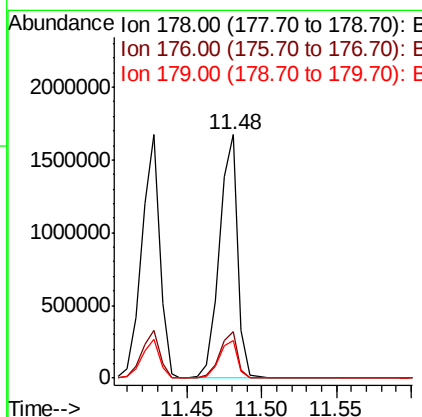
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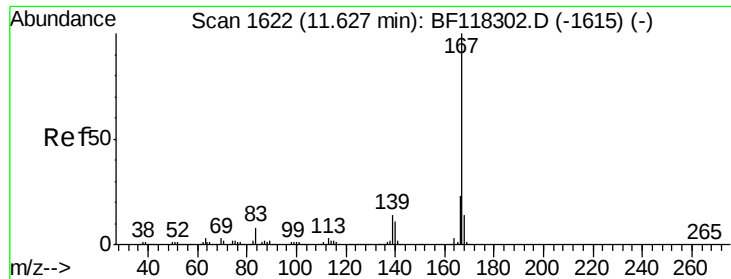
mohammad
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#72
Anthracene
Concen: 40.330 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.9	19.3





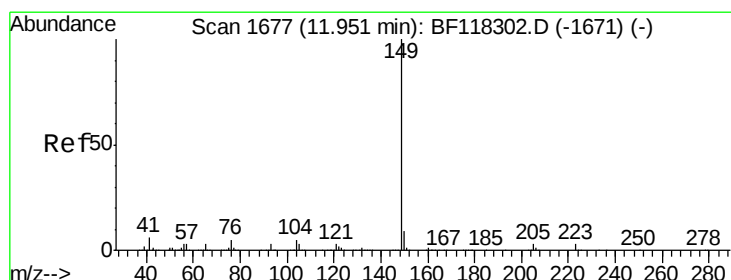
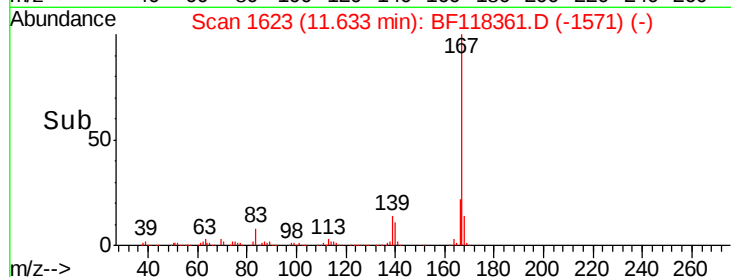
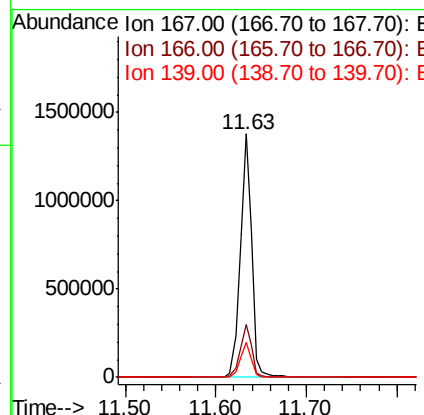
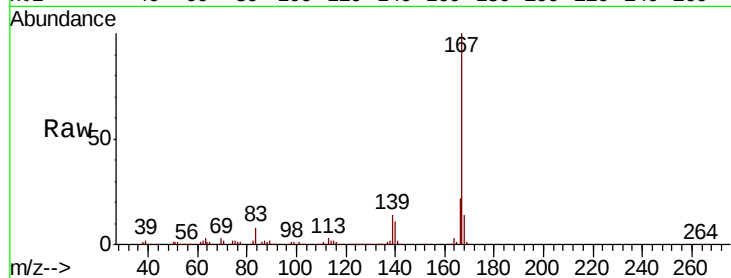
#73
 Carbazole
 Concen: 38.841 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.1	11.5	17.3

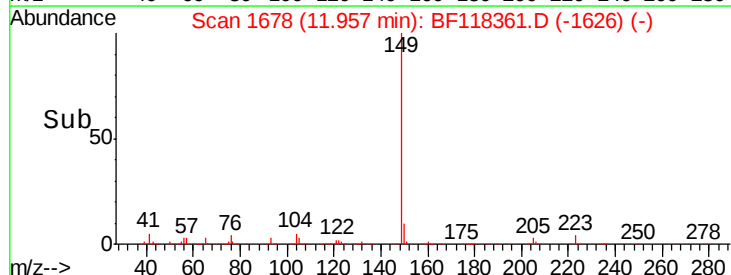
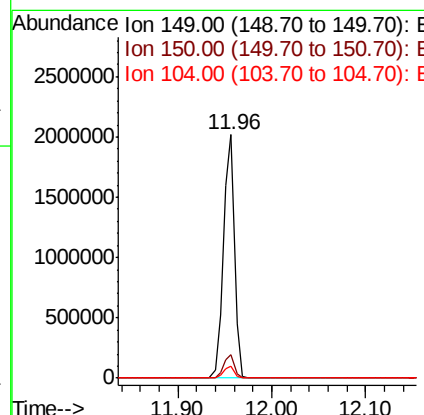
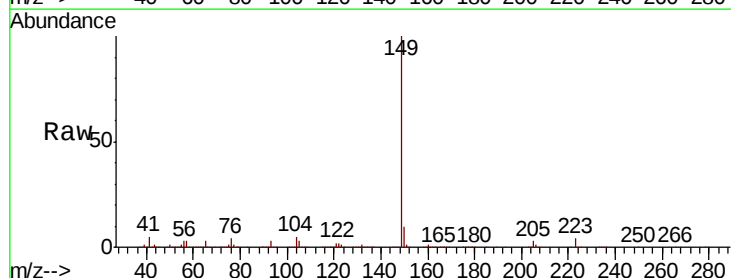
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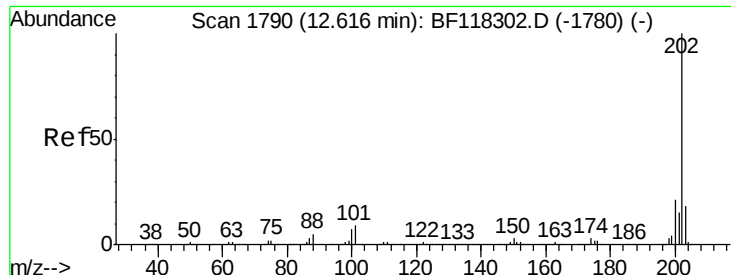
mohammad
 12/30/2019 2:08:34 PM



#74
 Di-n-butylphthalate
 Concen: 41.460 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.8	4.0	6.0





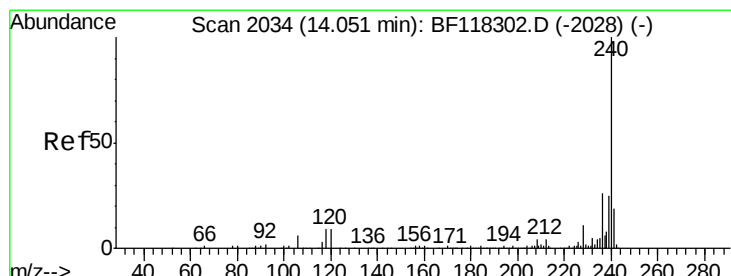
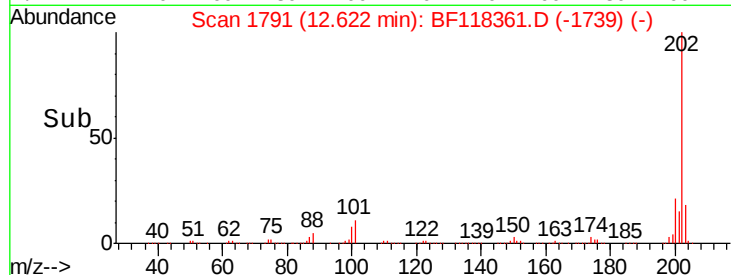
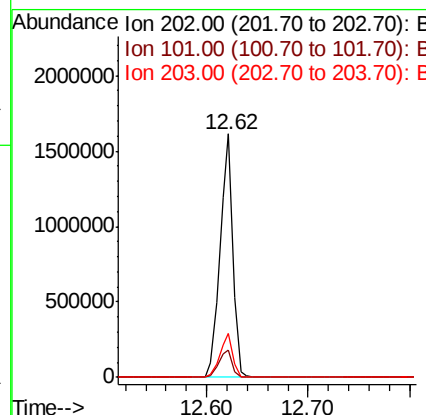
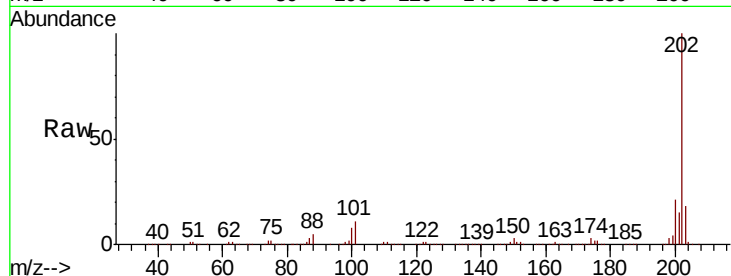
#75
 Fluoranthene
 Concen: 39.454 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1413217		
101	11.3	0.0	29.5	
203	18.0	0.0	37.6	

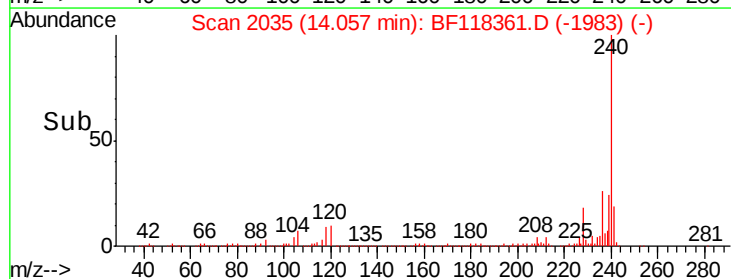
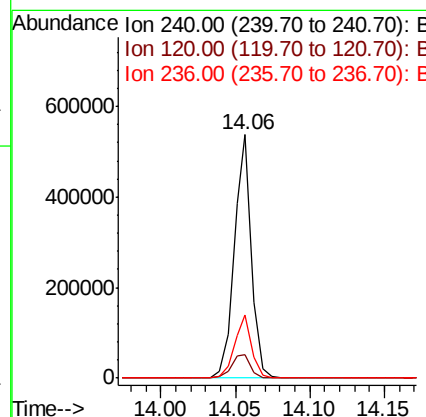
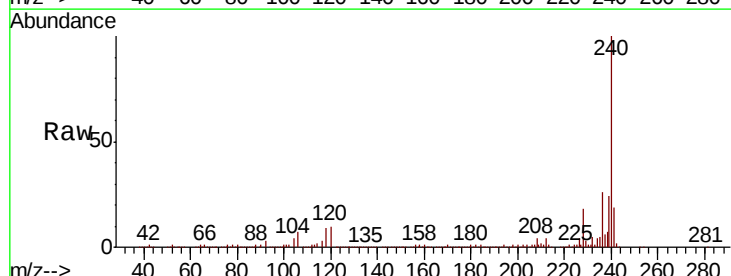
Manual Integrations
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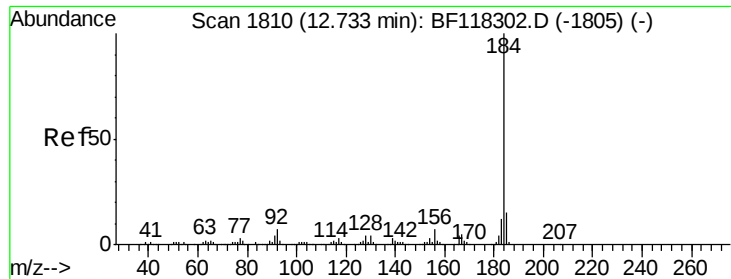
mohammad
 12/30/2019 2:08:34 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	436676		
120	9.8	7.1	10.7	
236	25.8	21.0	31.6	





#77

Benzidine

Concen: 19.537 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

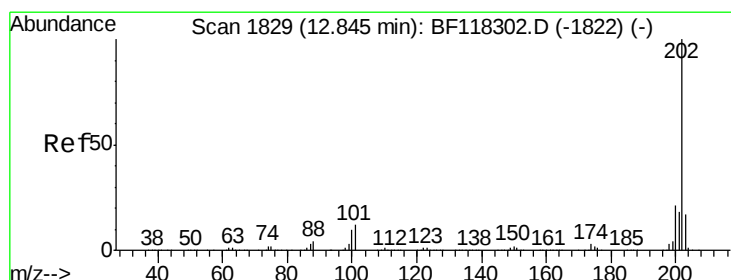
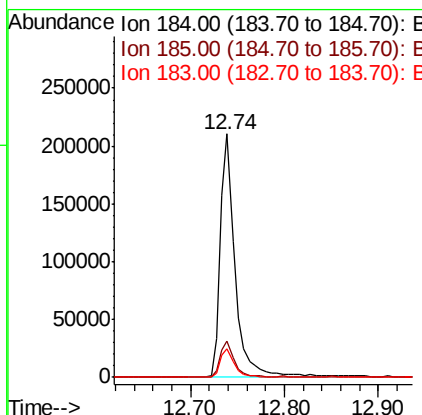
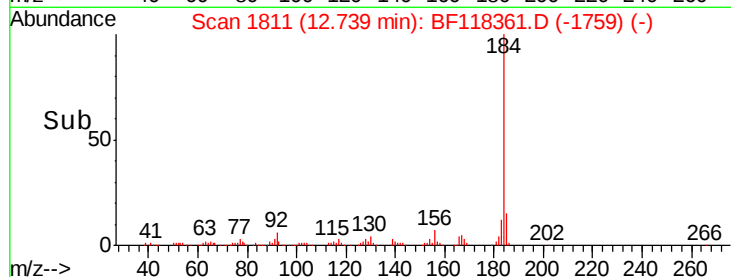
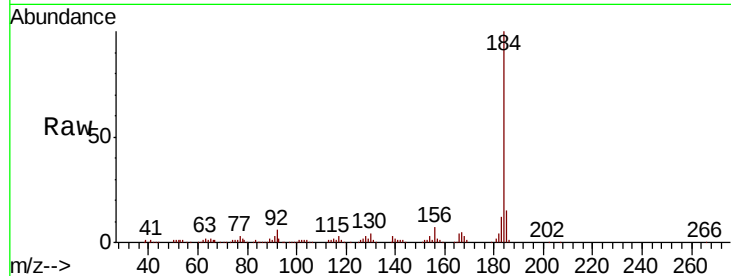
ClientSampleId :

PB125749BSD

Tot Ion:	184	Resp:	233760
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.3	18.5
183	11.8	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 40.092 ng

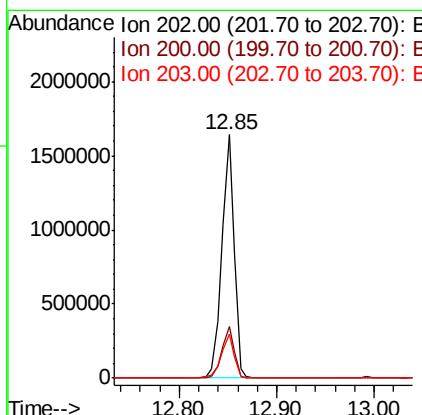
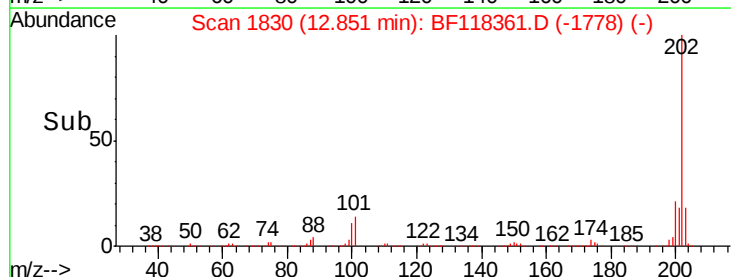
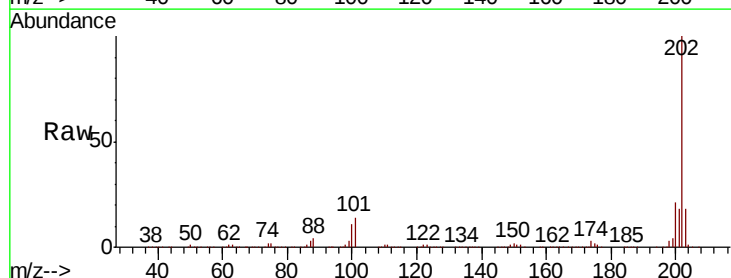
RT: 12.85 min Scan# 1830

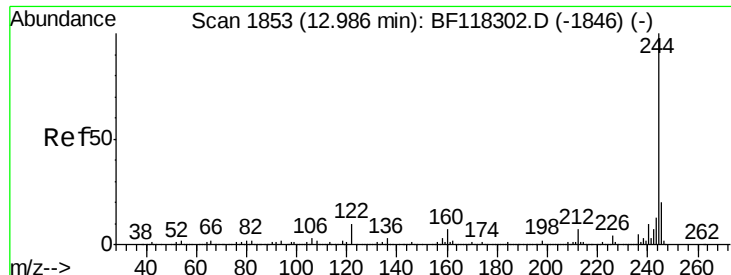
Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:	202	Resp:	1429668
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	17.9	13.9	20.9





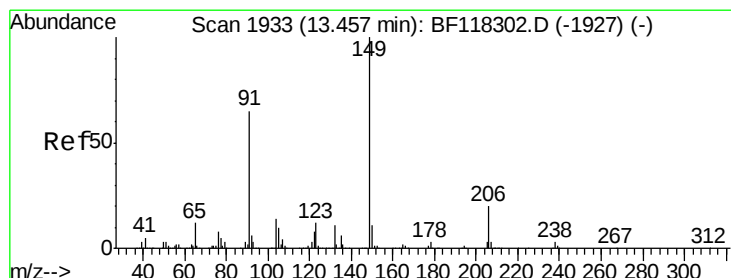
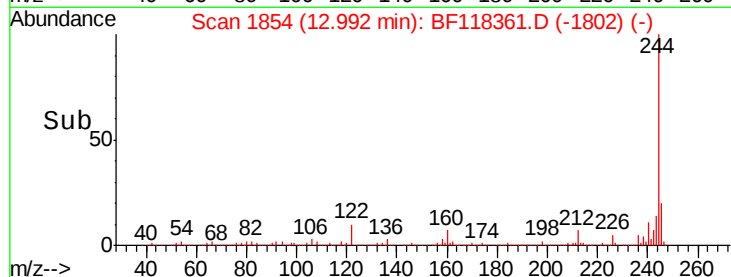
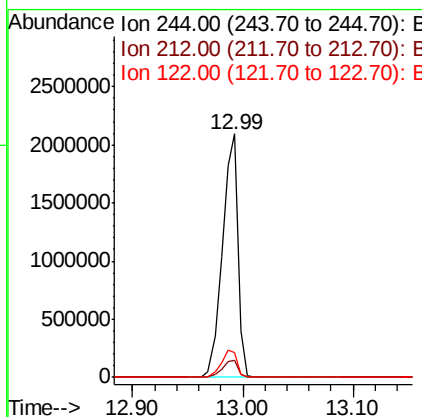
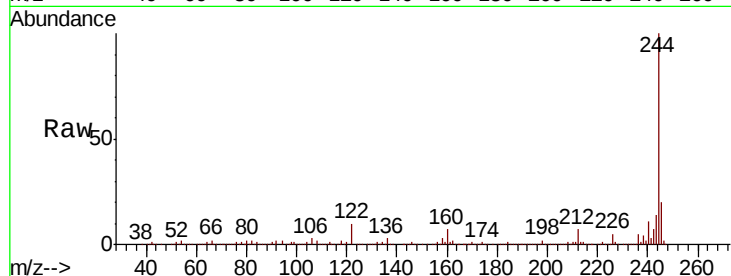
#79
 Terphenyl-d14
 Concen: 77.698 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.4	7.8	11.8

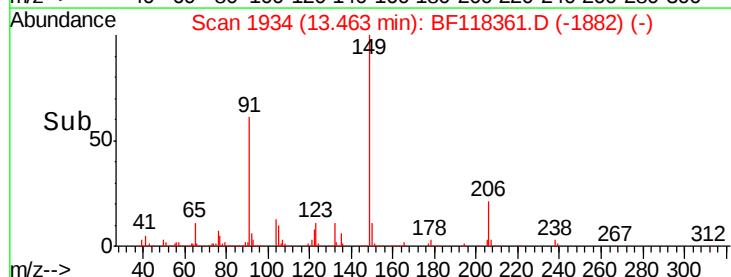
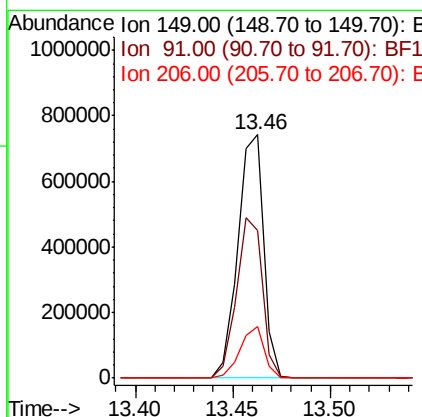
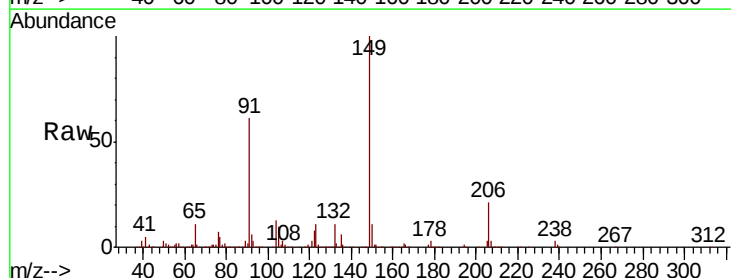
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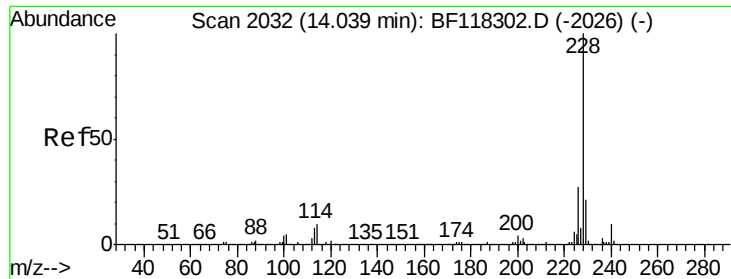
mohammad
 12/30/2019 2:08:34 PM



#80
 Butylbenzylphthalate
 Concen: 42.554 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.9	51.8	77.6
206	21.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.428 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB125749BSD

Tot Ion:228 Resp: 1205145

Ion Ratio Lower Upper

228 100

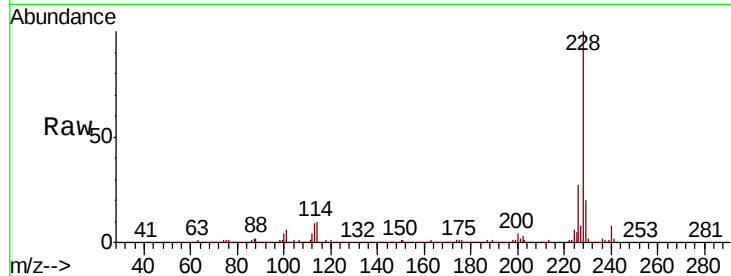
226 27.2 22.0 33.0

229 20.1 16.6 24.8

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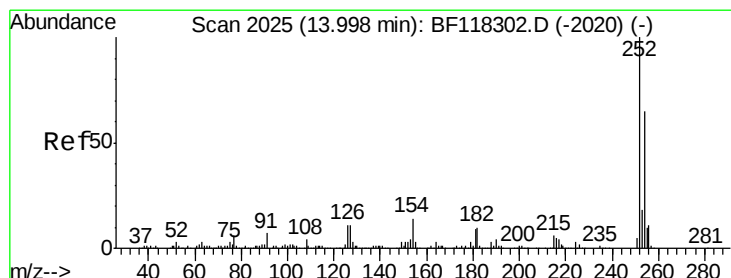
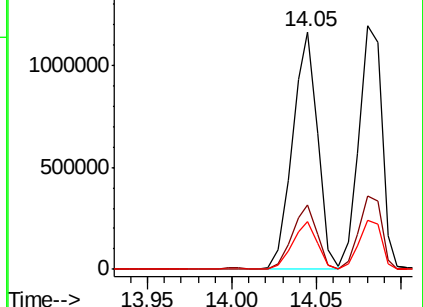
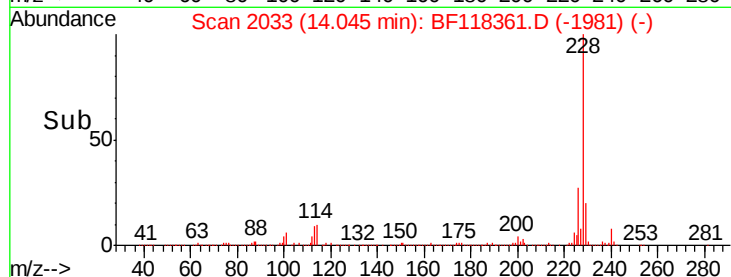


Abundance

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: 33.051 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

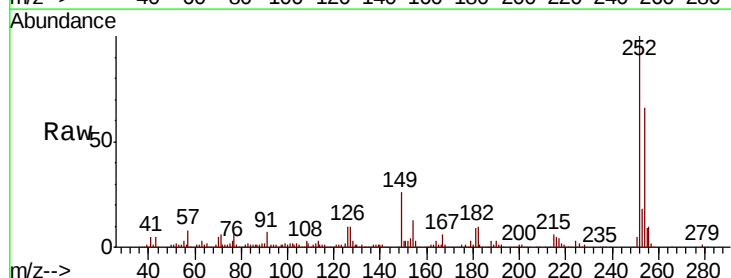
Tgt Ion:252 Resp: 342522

Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.8

126 10.0 8.7 13.1

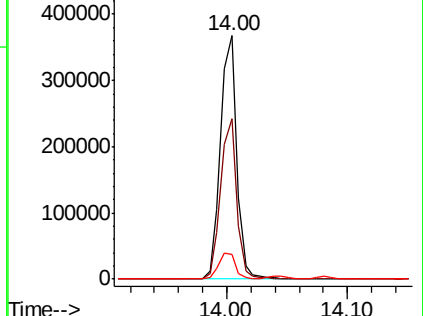
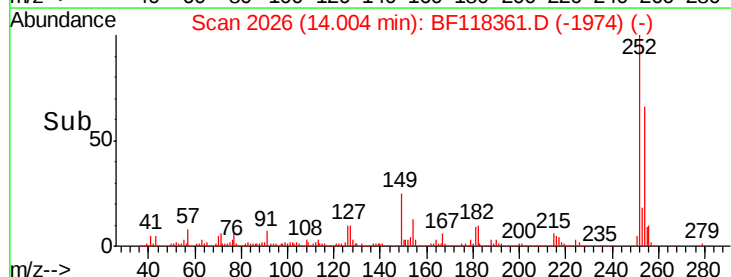


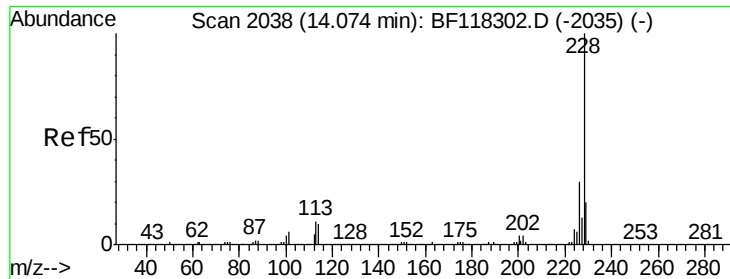
Abundance

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





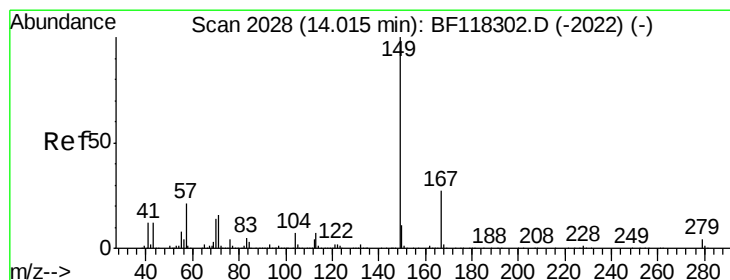
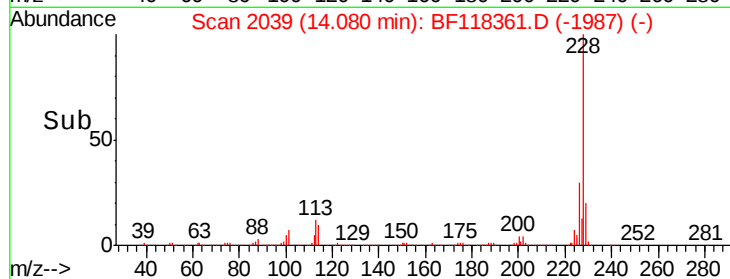
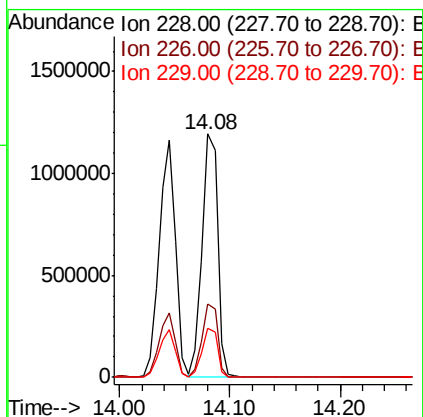
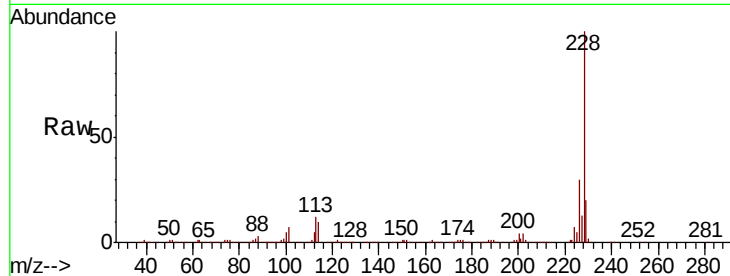
#83
 Chrvsene
 Concen: 38.680 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125749BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.0	16.1	24.1

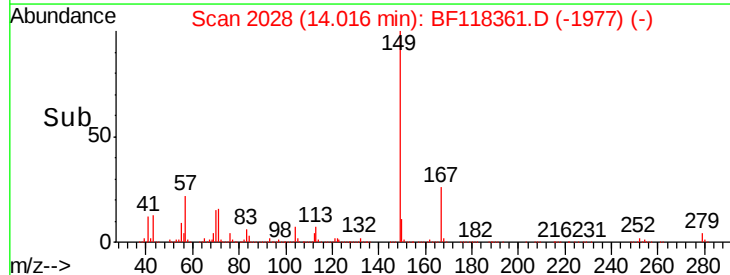
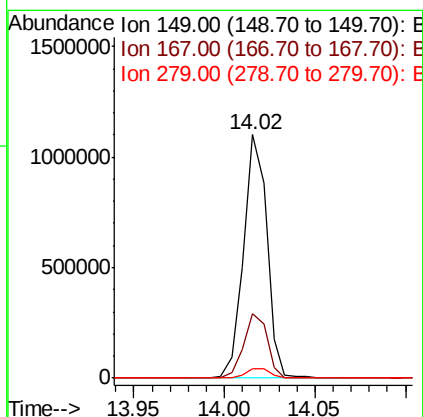
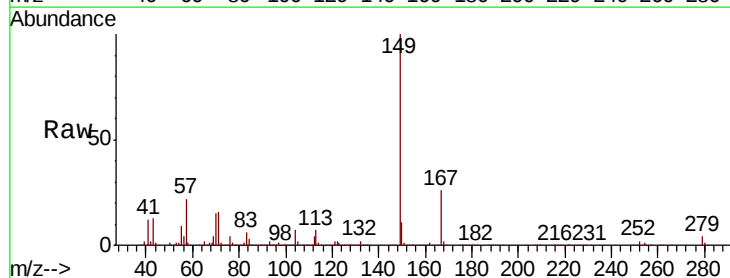
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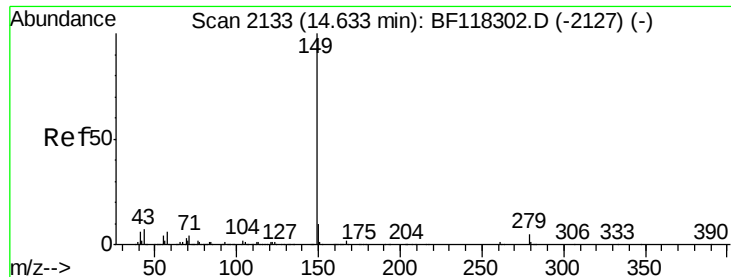
mohammad
 12/30/2019 2:08:34 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.687 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.8	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 48.095 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

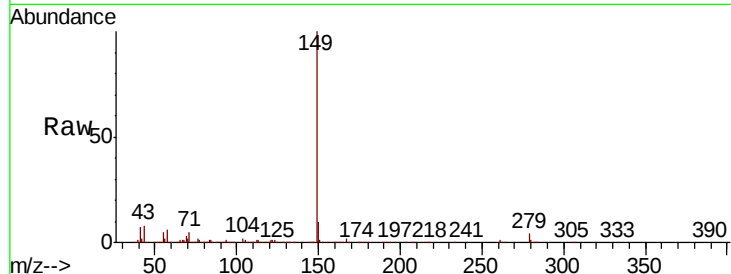
ClientSampleId :

PB125749BSD

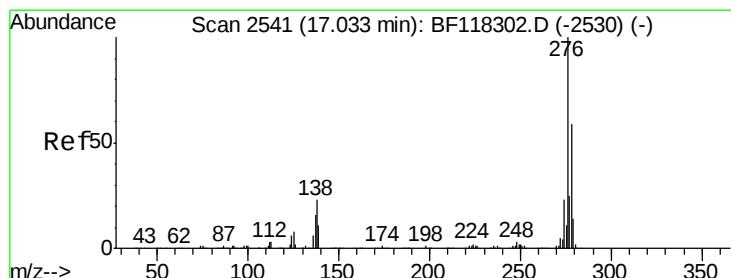
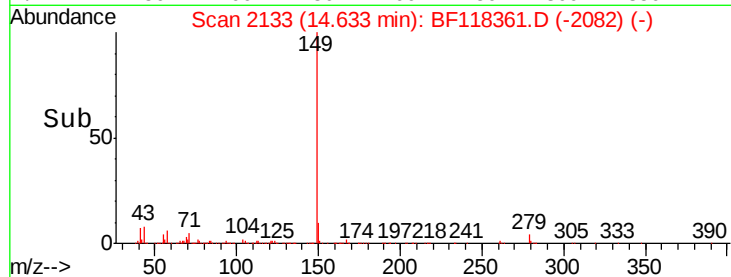
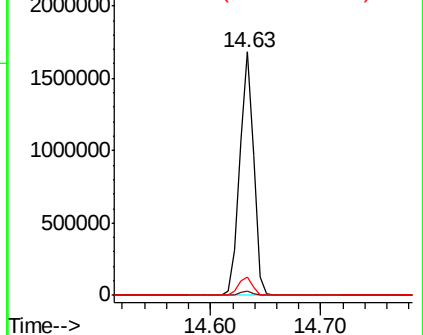
Tot Ion:	149	Resp:	1493631
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.1	9.1

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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: 34.748 ng

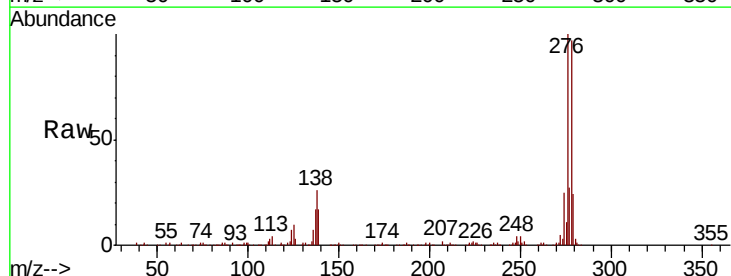
RT: 17.06 min Scan# 2546

Delta R.T. 0.03 min

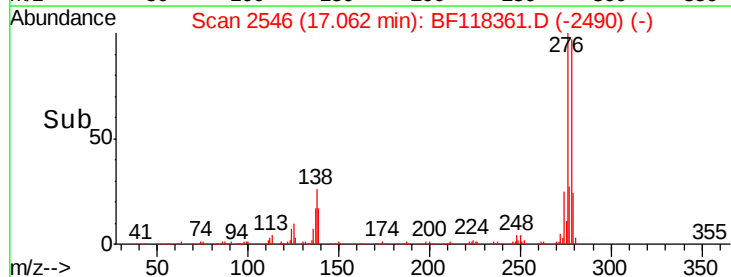
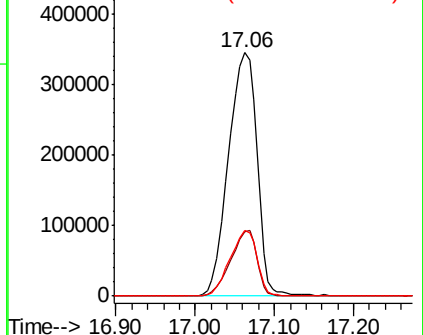
Lab File: BF118361.D

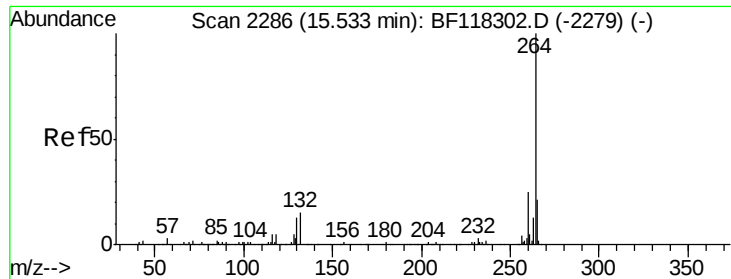
Acq: 28 Dec 2019 13:13

Tgt Ion:	276	Resp:	866548
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	25.8	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





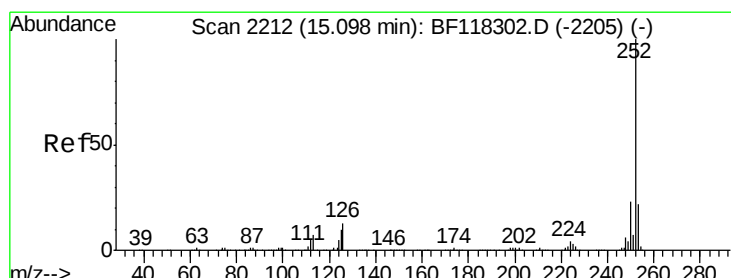
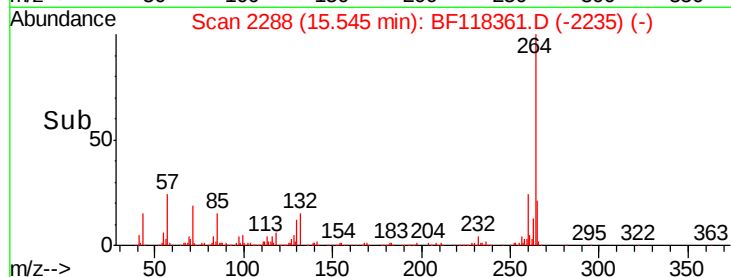
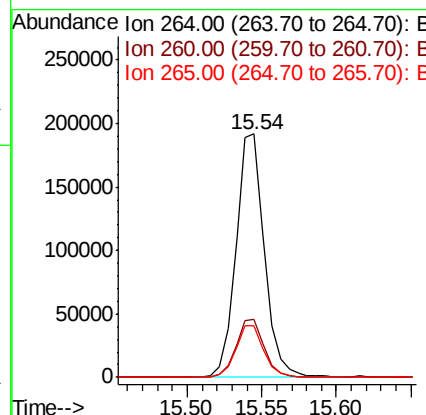
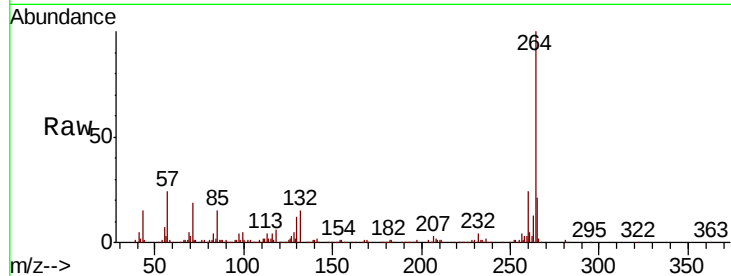
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.1	17.0	25.4

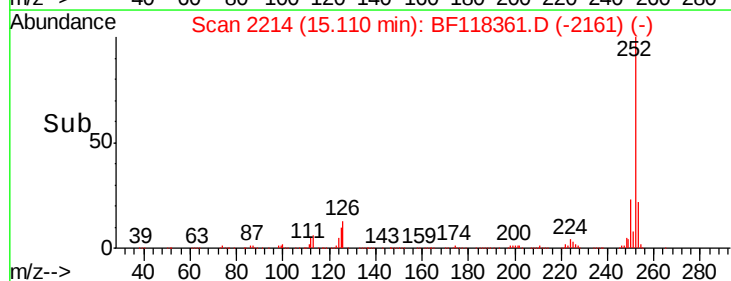
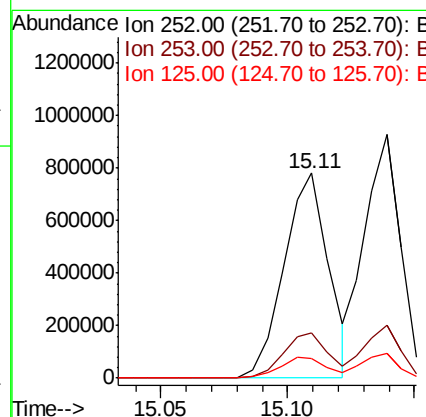
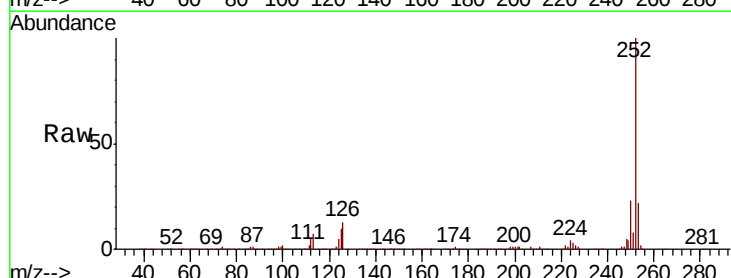
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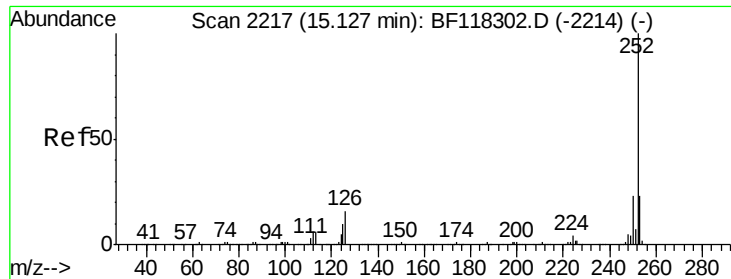
mohammad
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#88
Benzo(b)fluoranthene
Concen: 56.492 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	7.7	11.5





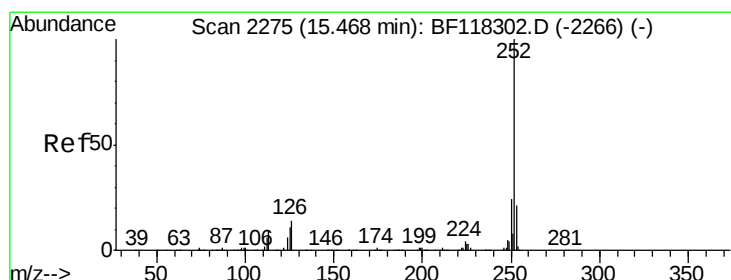
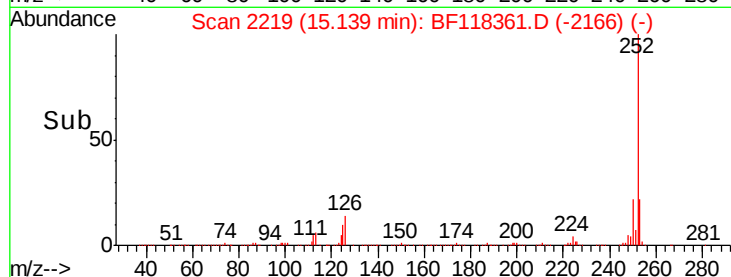
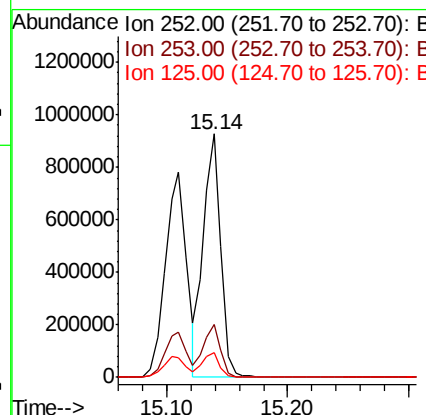
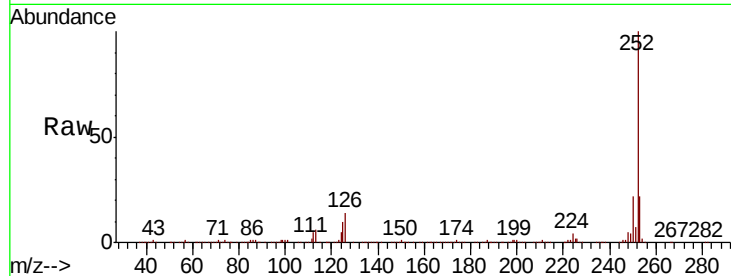
#89
Benzo(k)fluoranthene
Concen: 57.152 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		927763		
253	21.9	18.0	27.0		
125	10.0	8.0	12.0		

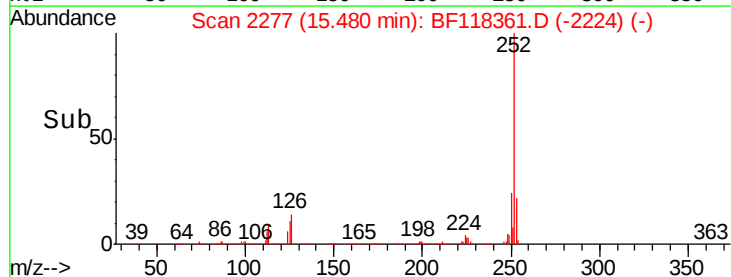
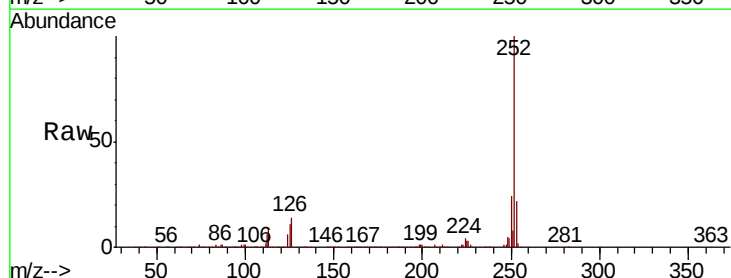
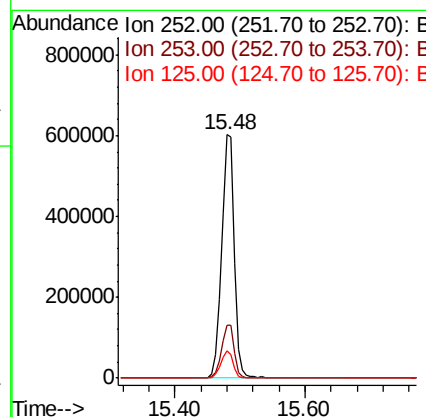
Manual Integrations
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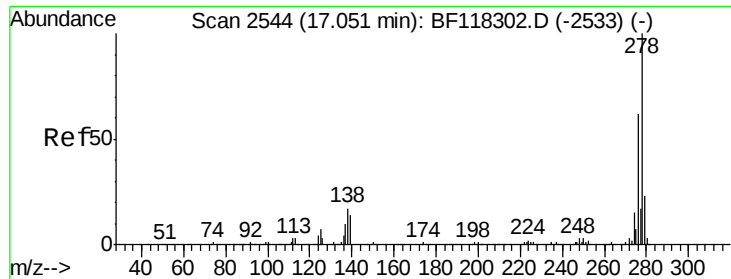
mohammad
12/30/2019 2:08:34 PM



#90
Benzo(a)pyrene
Concen: 54.145 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		806396		
253	21.8	17.0	25.6		
125	11.3	9.0	13.4		





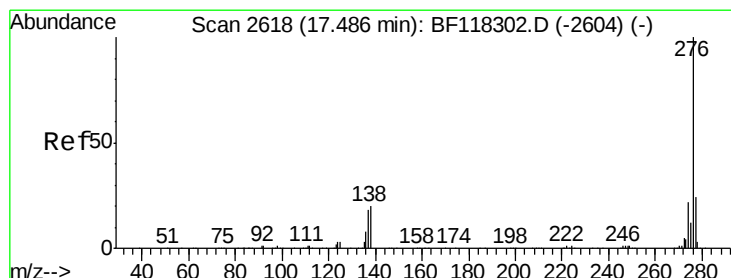
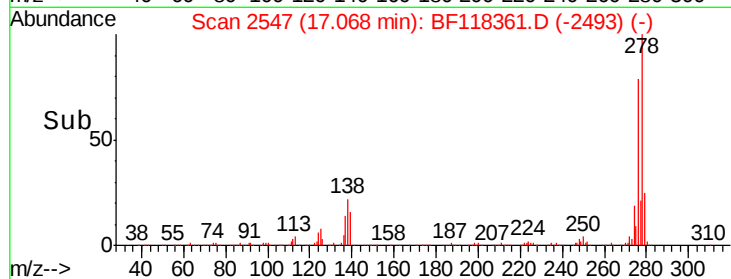
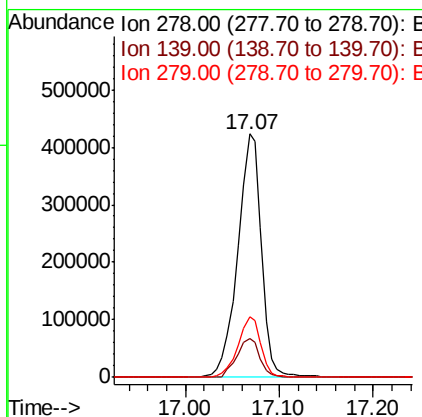
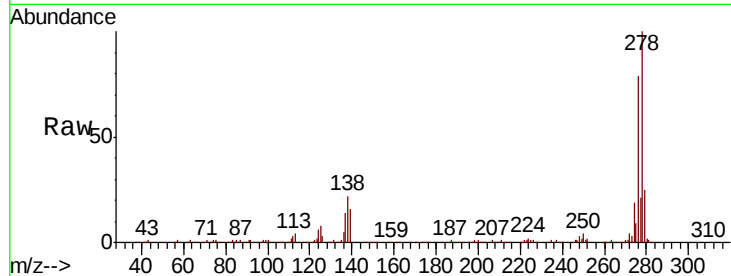
#91
Dibenzo(a,h)anthracene
Concen: 57.237 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.5	17.3
279	25.1	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/30/2019 2:08:34 PM



#92
Benzo(g,h,i)perylene
Concen: 57.597 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	19.8	16.1	24.1

