

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119214.D
 Acq On : 5 Mar 2020 14:58
 Operator : CG/JU
 Sample : PB127192BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:58 AM

Quant Time: Mar 06 06:49:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128138	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	496184	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	289158	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	536790	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	365075	20.00	ng	-0.01
87) Perylene-d12	15.31	264	303115	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	977612	127.50	ng	0.00
7) Phenol-d6	6.39	99	1184665	127.04	ng	-0.01
23) Nitrobenzene-d5	7.30	82	704782	75.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	461462	121.99	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1467617	74.77	ng	-0.02
79) Terphenyl-d14	12.83	244	1751609	82.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	136347	39.940	ng	99
3) Pyridine	3.22	79	330376	35.436	ng	98
4) n-Nitrosodimethylamine	3.16	42	134247	47.533	ng	95
6) Aniline	6.39	93	382356	33.230	ng	# 73
8) 2-Chlorophenol	6.53	128	408992	49.427	ng	97
9) Benzaldehyde	6.27	77	164676	26.432	ng	98
10) Phenol	6.40	94	484961	48.101	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	367860	47.686	ng	98
12) 1,3-Dichlorobenzene	6.67	146	439987	44.364	ng	98
13) 1,4-Dichlorobenzene	6.75	146	447642	45.104	ng	98
14) 1,2-Dichlorobenzene	6.90	146	413784	45.716	ng	98
15) Benzyl Alcohol	6.88	79	344733	51.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296512	44.372	ng	# 14
17) 2-Methylphenol	7.00	107	337331	50.282	ng	95
18) Hexachloroethane	7.23	117	159972	45.054	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	282741	52.034	ng	95
20) 3+4-Methylphenols	7.16	107	443062	53.906	ng	# 84
22) Acetophenone	7.14	105	560512	48.823	ng	# 95
24) Nitrobenzene	7.32	77	428994	46.163	ng	100
25) Isophorone	7.56	82	784092	48.043	ng	100
26) 2-Nitrophenol	7.63	139	236029	47.935	ng	98
27) 2,4-Dimethylphenol	7.68	122	361846	54.147	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	473454	44.569	ng	99
29) 2,4-Dichlorophenol	7.88	162	371982	47.283	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	399801	42.862	ng	99
31) Naphthalene	8.03	128	1195556	46.460	ng	98
32) Benzoic acid	7.85	122	206227	43.087	ng	98
33) 4-Chloroaniline	8.09	127	317444	28.681	ng	99
34) Hexachlorobutadiene	8.15	225	243856	41.971	ng	98
35) Caprolactam	8.47	113	112932m	46.620	ng	
36) 4-Chloro-3-methylphenol	8.59	107	394618	49.564	ng	99
37) 2-Methylnaphthalene	8.72	142	829810	47.918	ng	100
38) 1-Methylnaphthalene	8.82	142	776365	47.670	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	413555	42.419	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	224876	65.322	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	260333	42.285	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	271681	42.053	nq	98
46) 1,1'-Biphenyl	9.19	154	1010296	43.231	nq	99
47) 2-Chloronaphthalene	9.22	162	805703	42.782	nq	97
48) 2-Nitroaniline	9.32	65	231281	44.030	nq	96
49) Acenaphthylene	9.63	152	1233533	45.351	nq	99
50) Dimethylphthalate	9.49	163	999696	45.212	nq	100
51) 2,6-Dinitrotoluene	9.56	165	224390	45.677	nq	99
52) Acenaphthene	9.80	154	736249	44.890	nq	98
53) 3-Nitroaniline	9.73	138	151866	27.885	nq	95
54) 2,4-Dinitrophenol	9.85	184	176665	74.554	nq	# 86
55) Dibenzofuran	9.97	168	1078639	44.062	nq	97
56) 4-Nitrophenol	9.93	139	216958	66.305	nq	97
57) 2,4-Dinitrotoluene	9.97	165	277084	43.515	nq	98
58) Fluorene	10.32	166	886529	46.604	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	232274	42.609	nq	98
60) Diethylphthalate	10.19	149	960465	46.094	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	462855	45.969	nq	98
62) 4-Nitroaniline	10.35	138	195527	35.091	nq	97
63) Azobenzene	10.46	77	855901	47.256	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	157175	48.389	nq	96
66) n-Nitrosodiphenylamine	10.43	169	800973	45.571	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	306867	43.735	nq	96
68) Hexachlorobenzene	10.87	284	347235	42.923	nq	99
69) Atrazine	10.96	200	284790	46.375	nq	99
70) Pentachlorophenol	11.07	266	231509	71.043	nq	99
71) Phenanthrene	11.27	178	1291115	44.105	nq	98
72) Anthracene	11.33	178	1344547	45.968	nq	99
73) Carbazole	11.49	167	1148248	44.066	nq	98
74) Di-n-butylphthalate	11.81	149	1476632	46.794	nq	99
75) Fluoranthene	12.46	202	1371470	44.136	nq	99
77) Benzidine	12.58	184	465577	31.358	nq	99
78) Pyrene	12.69	202	1363449	46.510	nq	100
80) Butylbenzylphthalate	13.30	149	603213	48.891	nq	98
81) Benzo(a)anthracene	13.88	228	1153004	46.352	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	321612	33.296	nq	100
83) Chrysene	13.92	228	1089444	43.954	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	828886	53.177	nq	99
85) Di-n-octyl phthalate	14.47	149	1274146	51.304	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	912030	38.002	nq	100
88) Benzo(b)fluoranthene	14.91	252	975153	48.807	nq	99
89) Benzo(k)fluoranthene	14.94	252	929053	50.177	nq	99
90) Benzo(a)pyrene	15.26	252	820227	45.487	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	761951	48.023	nq	99
92) Benzo(g,h,i)perylene	17.14	276	763303	48.690	nq	100

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



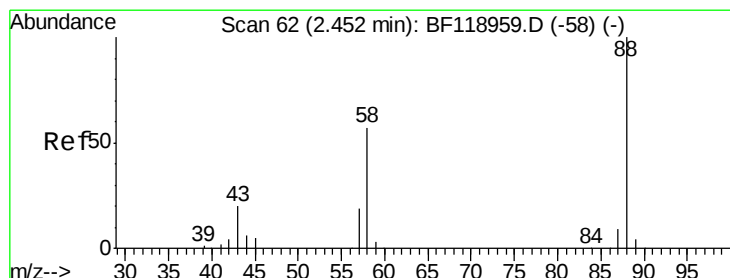
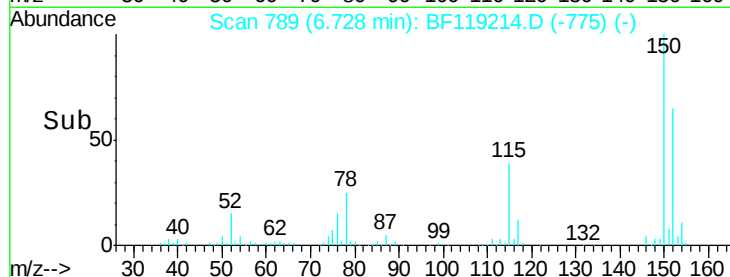
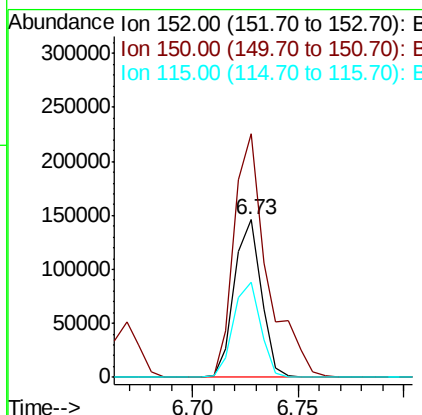
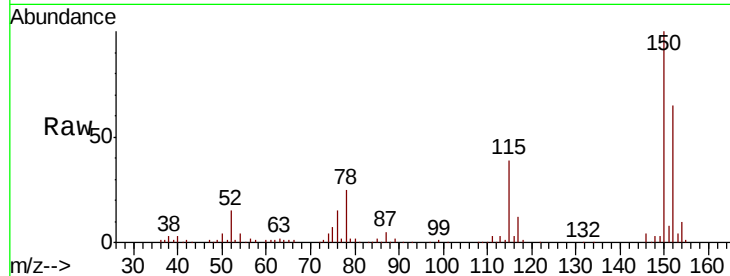
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	60.5	49.5	74.3

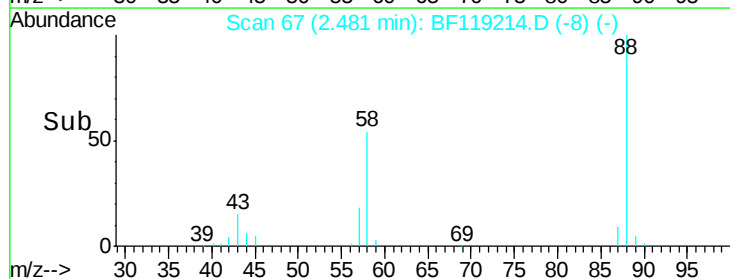
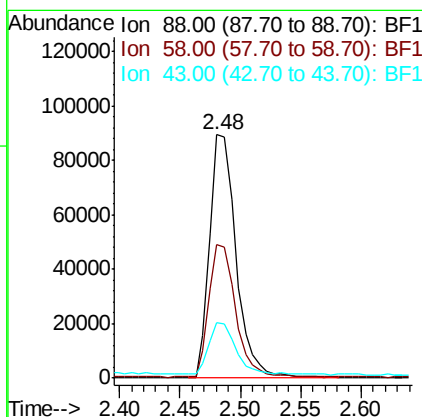
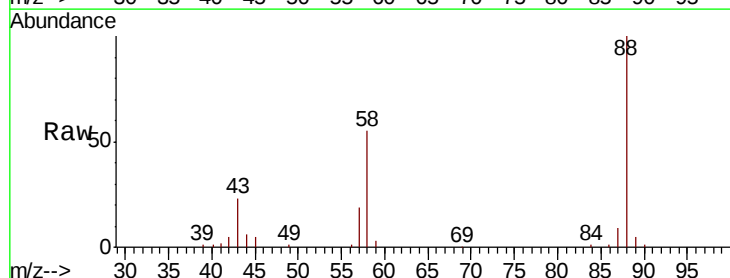
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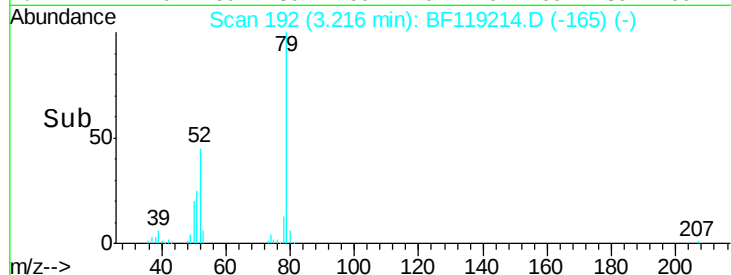
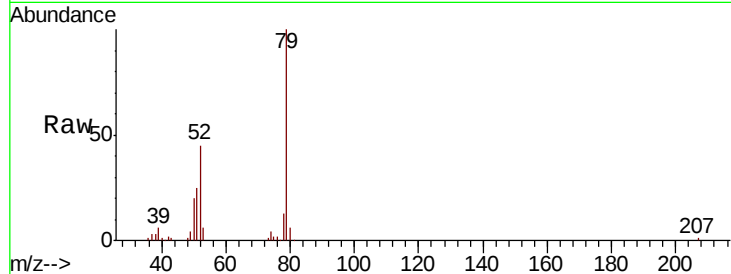
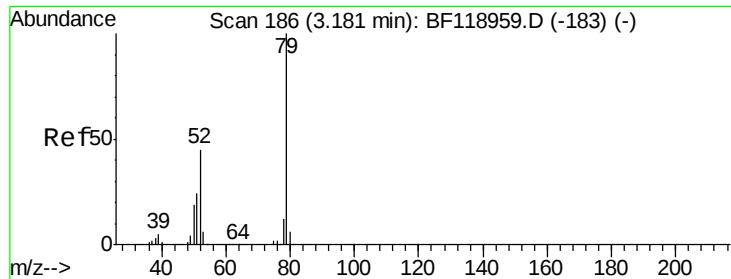
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#2
 1,4-Dioxane
 Concen: 39.940 ng
 RT: 2.48 min Scan# 67
 Delta R.T. 0.05 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	43.8	65.6
43	20.7	16.2	24.4





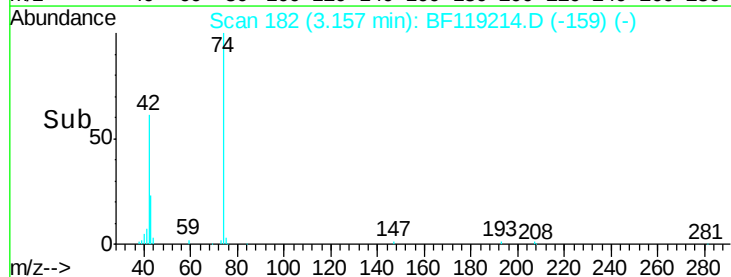
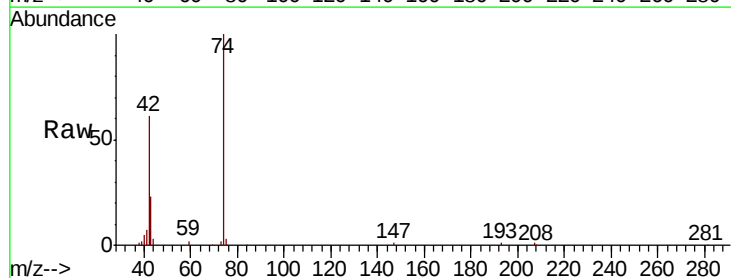
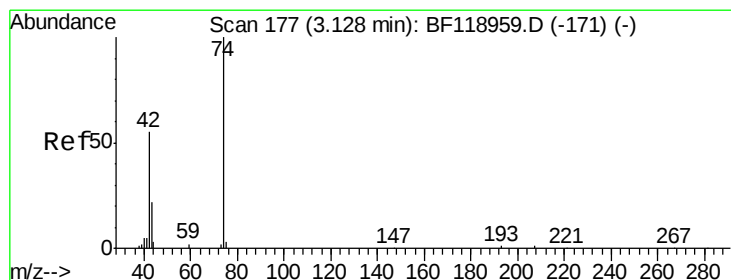
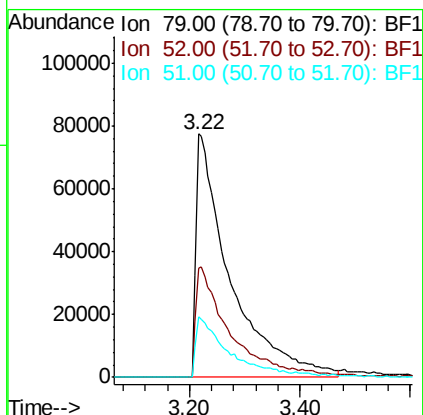
#3
Pvridine
Concen: 35.436 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.06 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.1	37.4	56.0
51	25.0	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

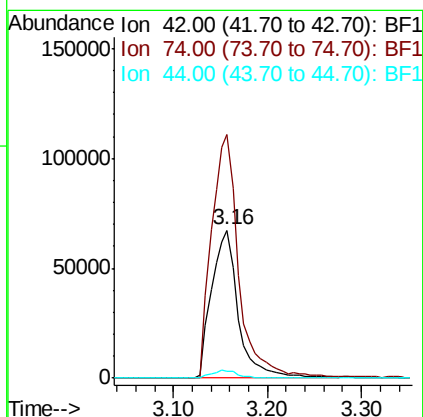
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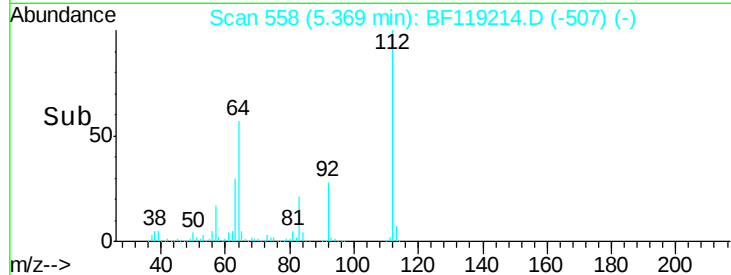
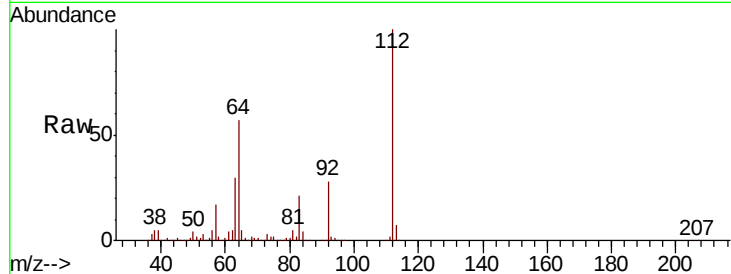
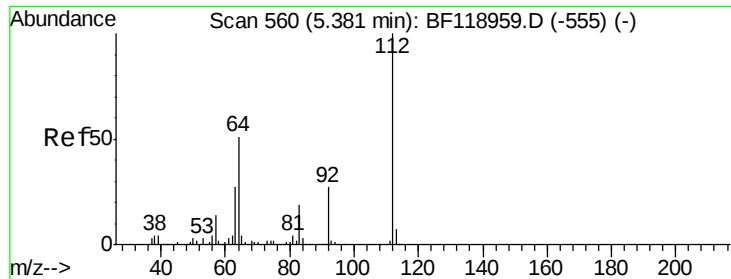
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#4
n-Nitrosodimethylamine
Concen: 47.533 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.04 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.4	137.7	206.5
44	5.0	4.5	6.7





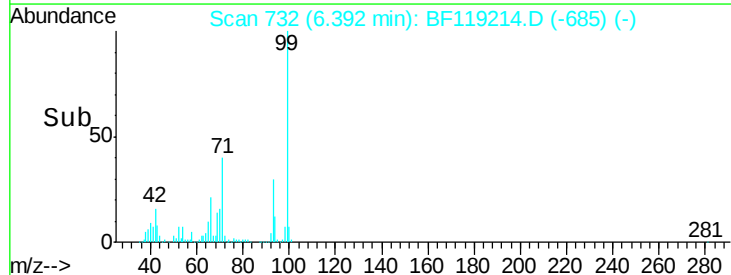
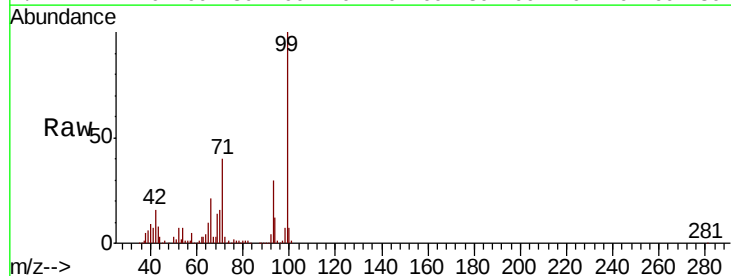
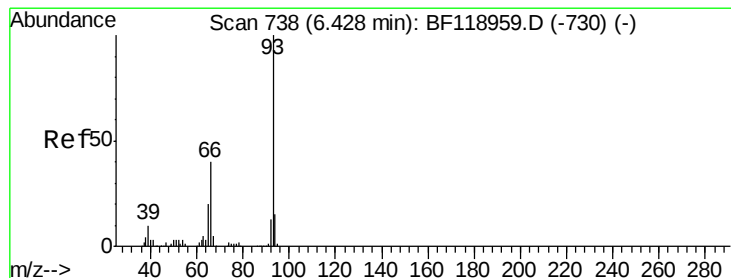
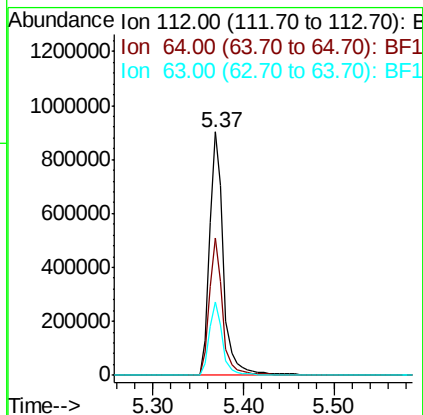
#5
2-Fluorophenol
Concen: 127.500 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tot Ion	Ratio	Resp	Lower	Upper
112	100	977612		
64	56.7	45.0	67.4	
63	30.2	24.2	36.4	

Instrument :
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ClientSampleId :
PB127192BSD

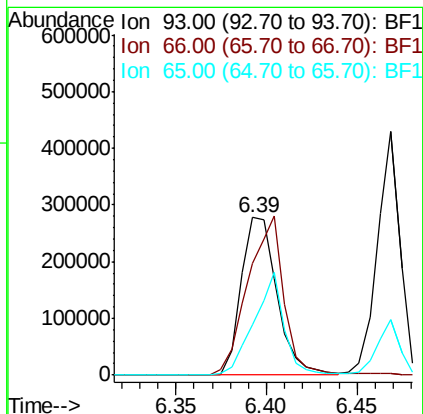
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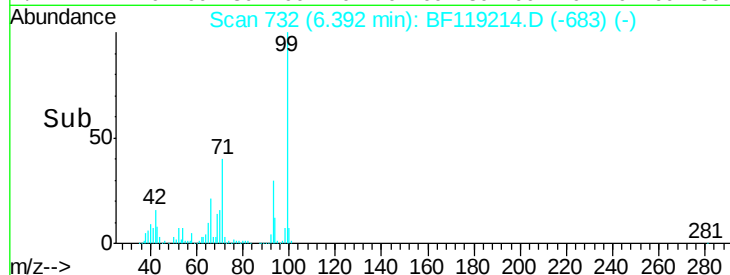
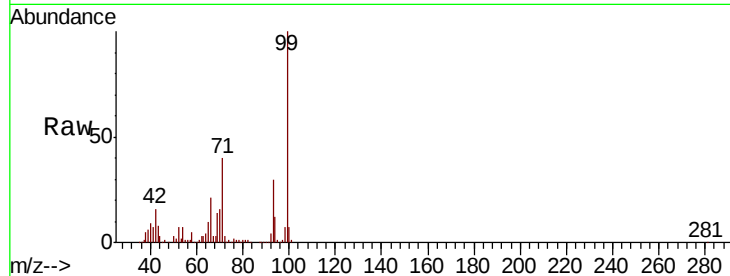
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#6
Aniline
Concen: 33.230 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	382356		
66	71.0	74.5	111.7#	
65	32.2	45.3	67.9#	





#7

Phenol-d6

Concen: 127.040 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tot Ion: 99 Resp: 1184665

Ion Ratio Lower Upper

99 100

42 16.2 12.6 18.8

71 39.7 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

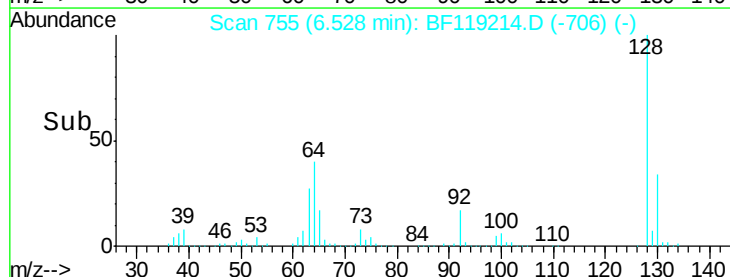
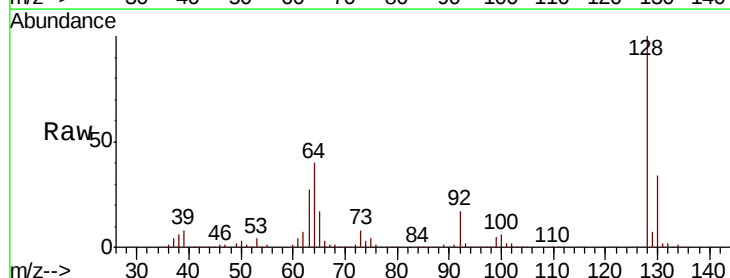
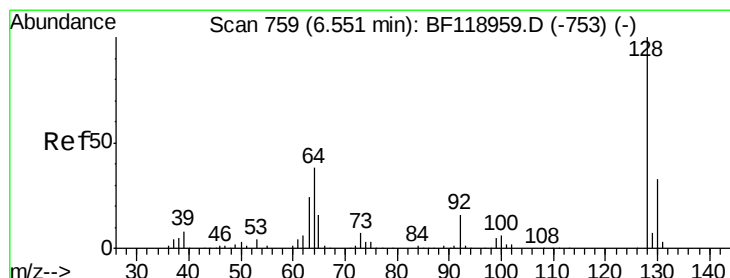
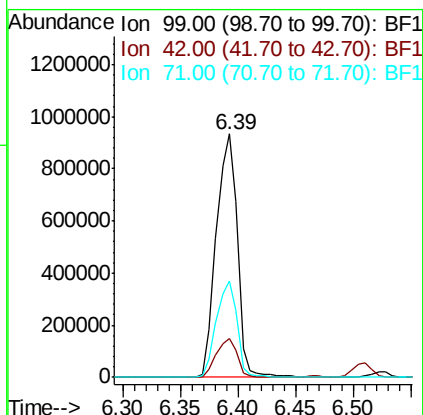
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#8

2-Chlorophenol

Concen: 49.427 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

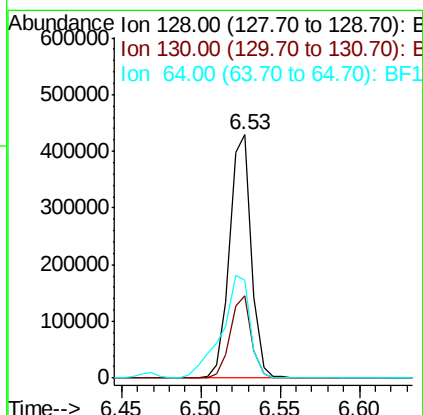
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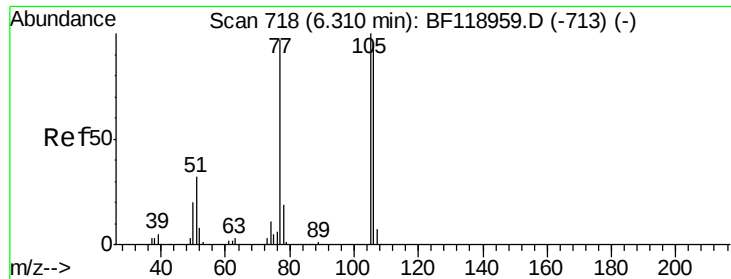
Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

64 40.1 22.3 62.3





#9

Benzaldehyde

Concen: 26.432 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

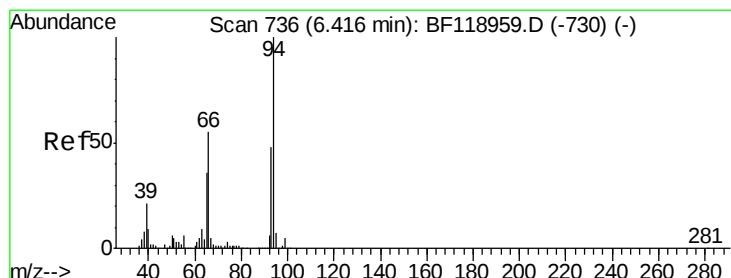
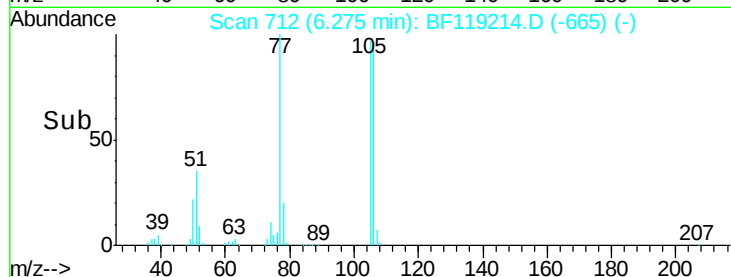
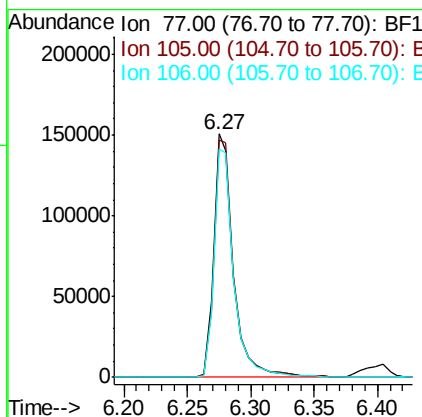
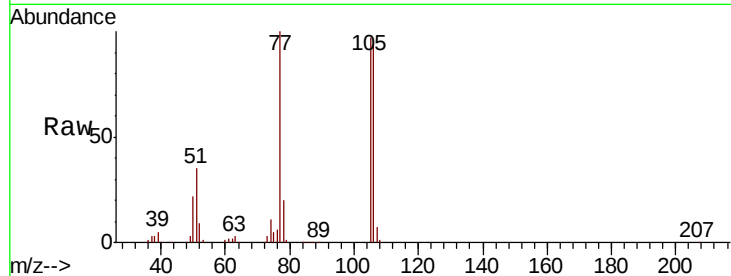
ClientSampleId :

PB127192BSD

Tot Ion:	77	Resp:	164676
Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.1	120.1
106	94.0	75.9	115.9

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#10

Phenol

Concen: 48.101 ng

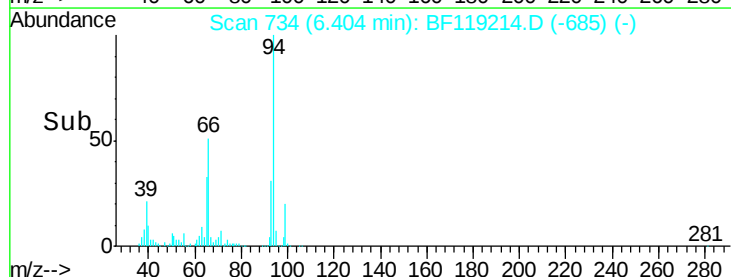
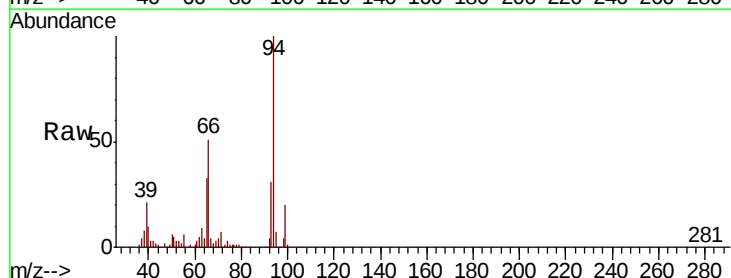
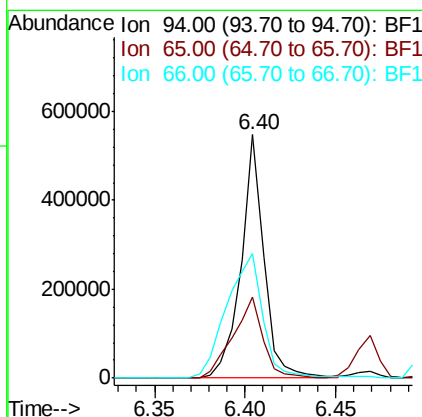
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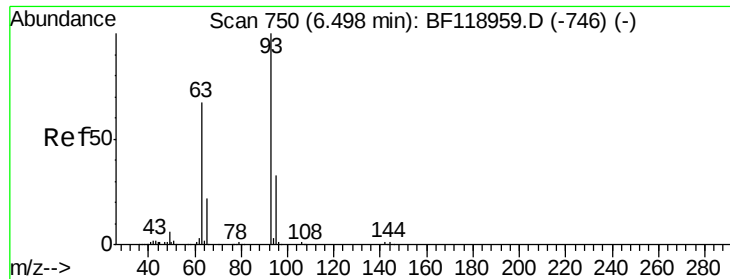
Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion:	94	Resp:	484961
Ion	Ratio	Lower	Upper
94	100		
65	33.0	19.2	59.2
66	51.4	44.4	84.4





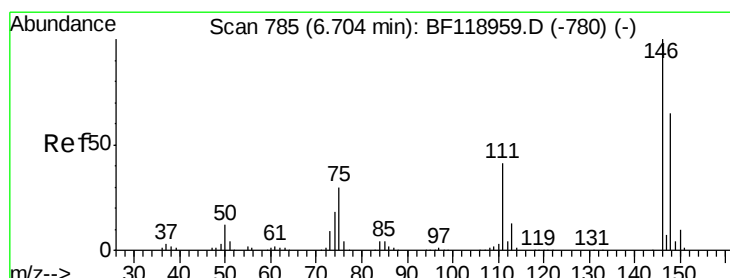
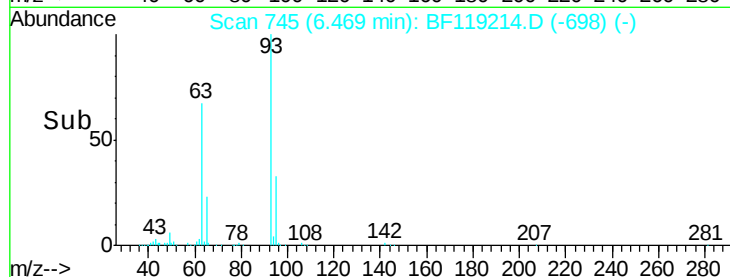
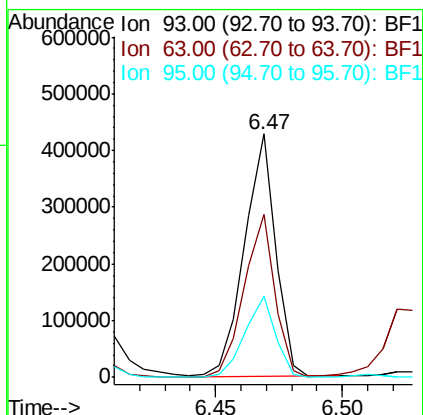
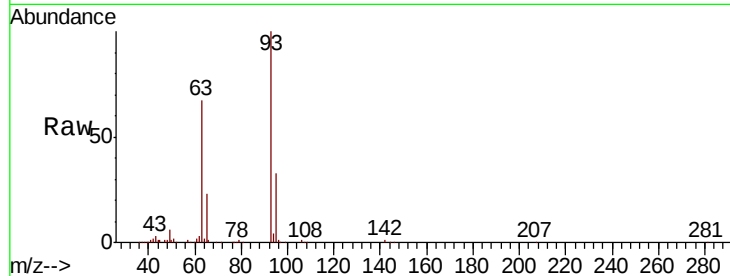
#11
bis(2-Chloroethyl)ether
Concen: 47.686 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	367860		
63	66.9	45.4	85.4	
95	33.1	13.5	53.5	

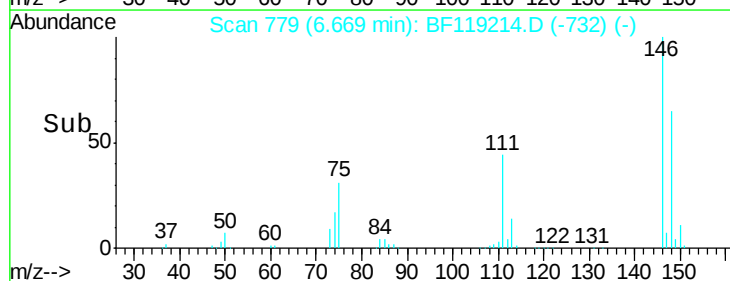
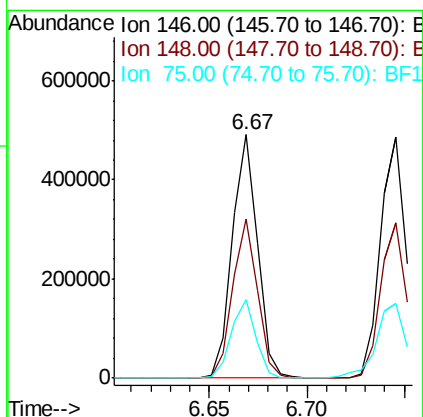
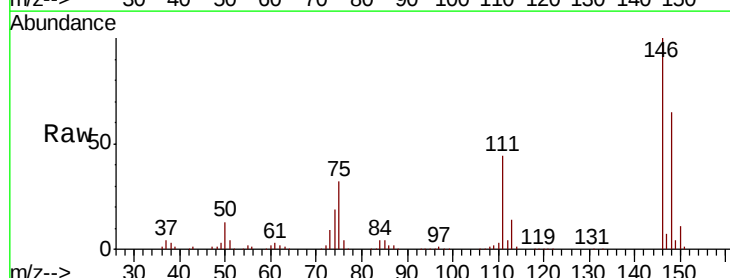
Manual Integrations
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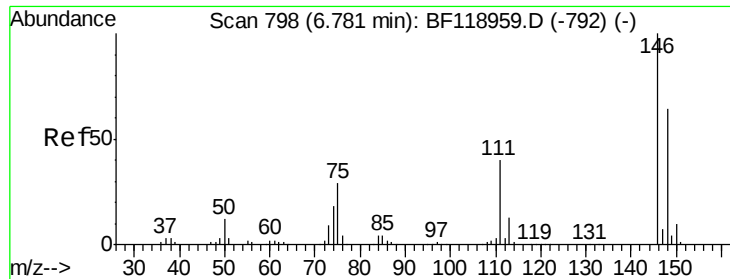
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.364 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	439987		
148	65.3	52.5	78.7	
75	32.1	23.6	35.4	





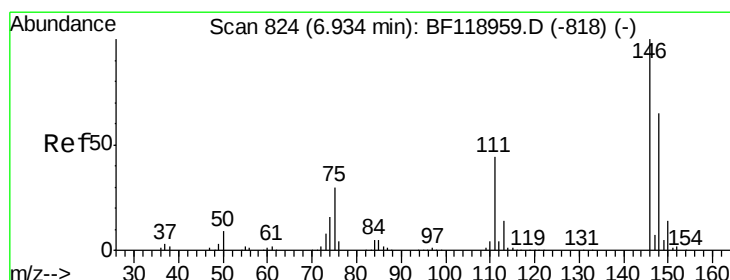
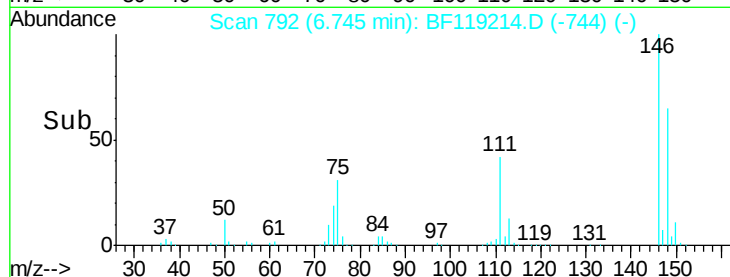
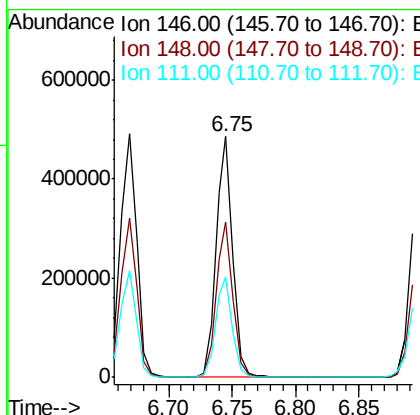
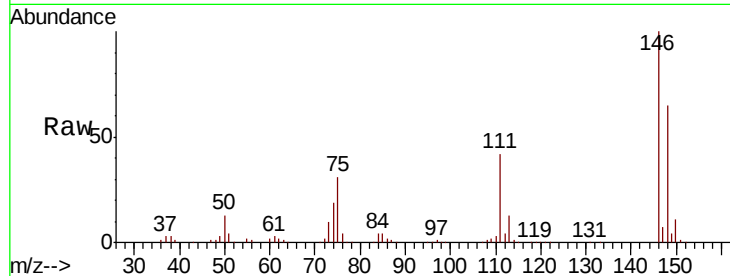
#13
1,4-Dichlorobenzene
Concen: 45.104 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	41.6	34.8	52.2

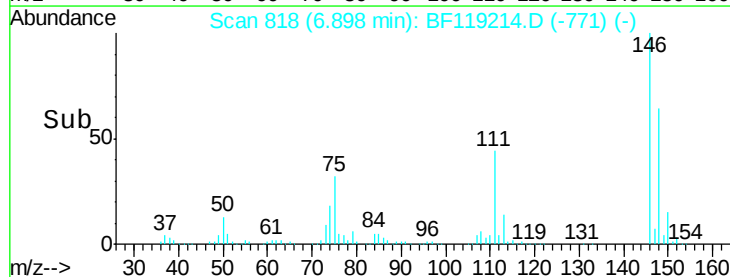
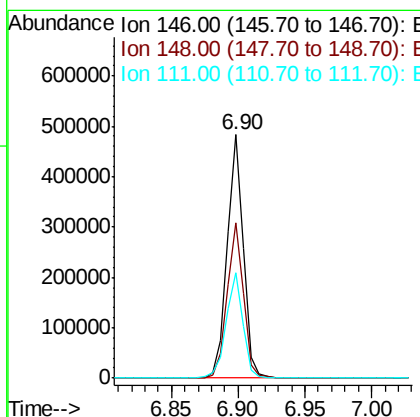
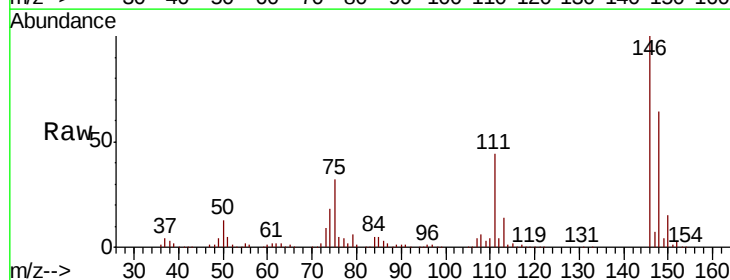
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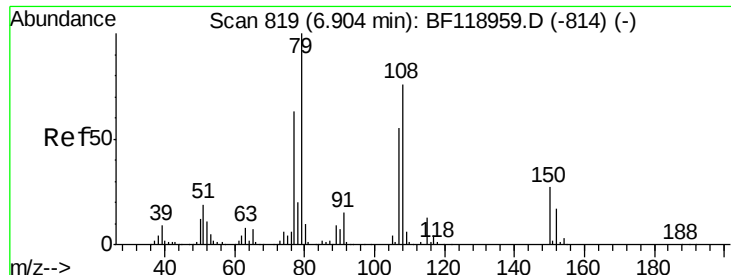
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.716 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	43.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 51.150 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion: 79 Resp: 344733

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

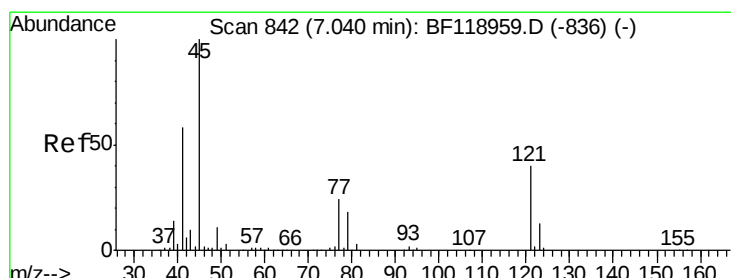
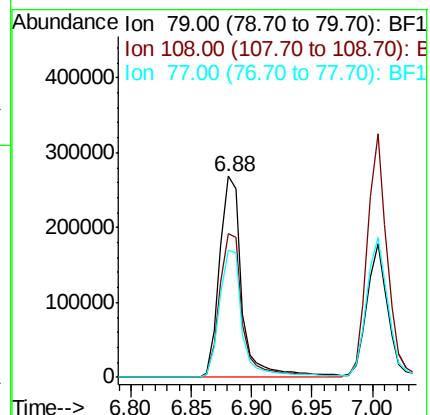
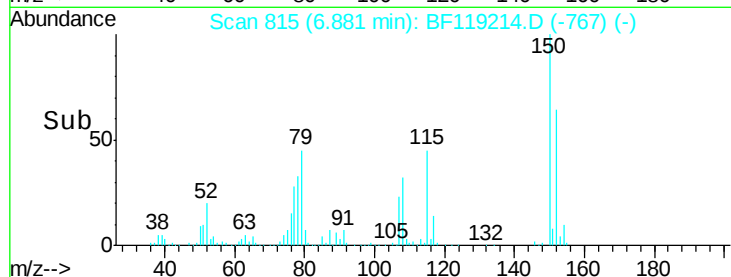
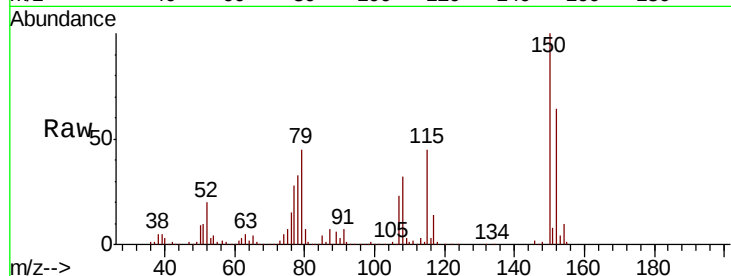
77 63.5 51.2 76.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.372 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

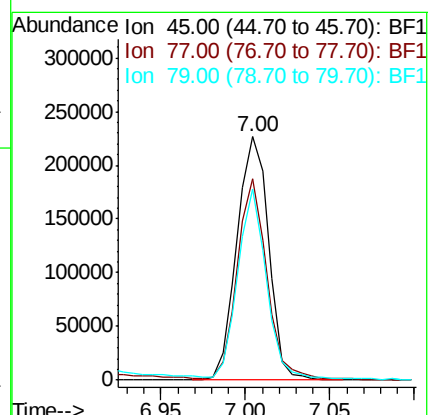
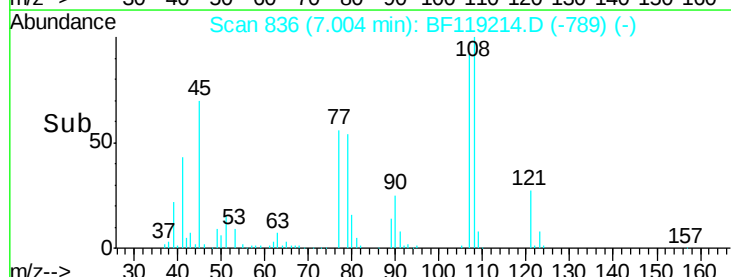
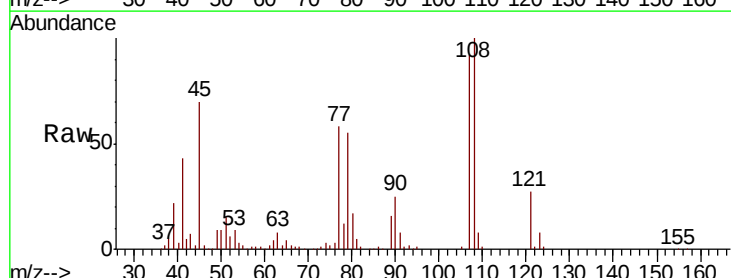
Tgt Ion: 45 Resp: 296512

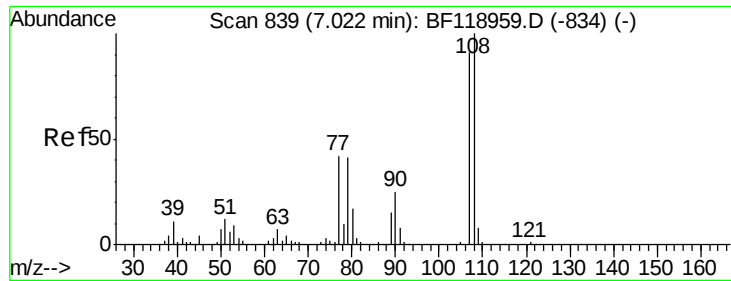
Ion Ratio Lower Upper

45 100

77 82.7 15.0 55.0#

79 78.5 9.4 49.4#





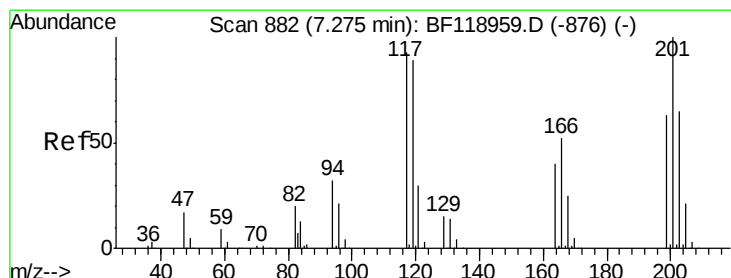
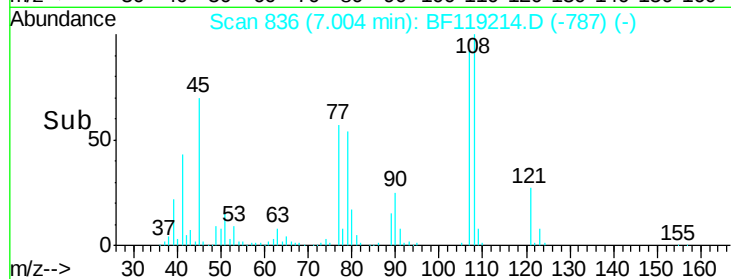
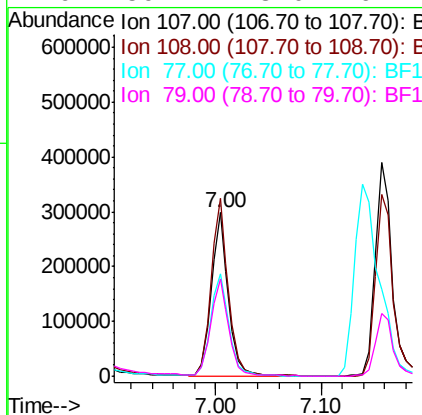
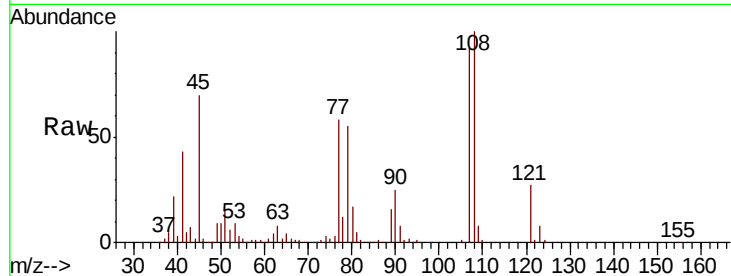
#17
2-Methylphenol
Concen: 50.282 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	107	Resp	337331
Ion Ratio	Lower	Upper	
107	100		
108	109.1	87.9	131.9
77	62.9	45.3	67.9
79	59.7	43.0	64.4

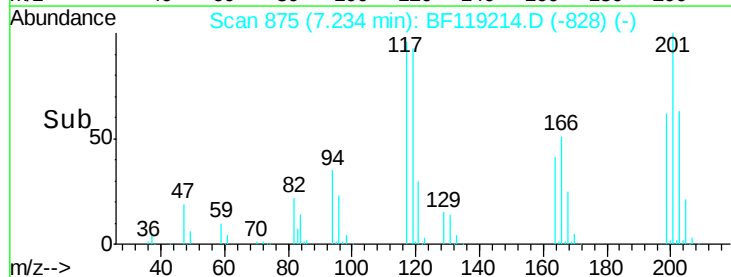
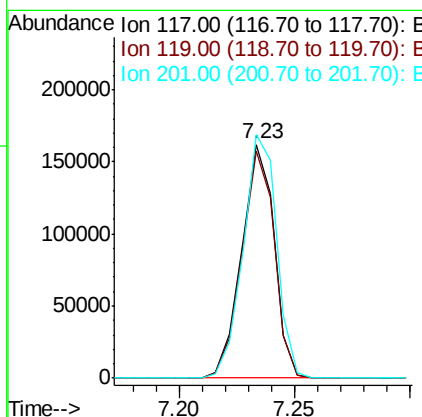
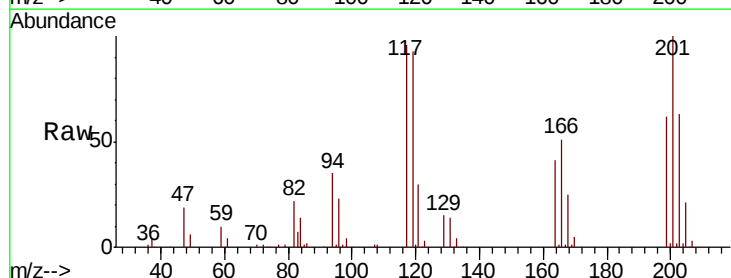
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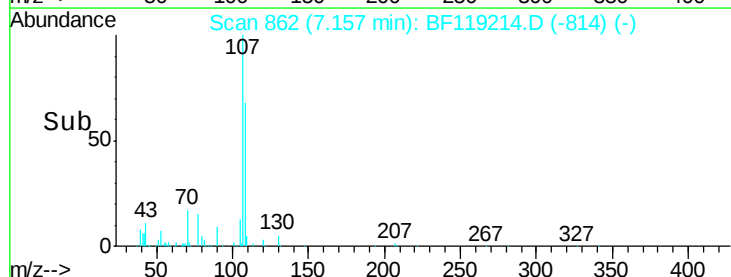
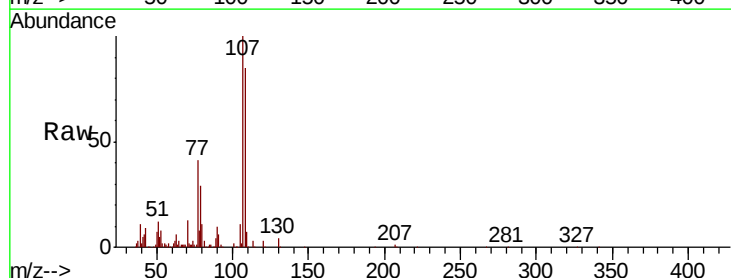
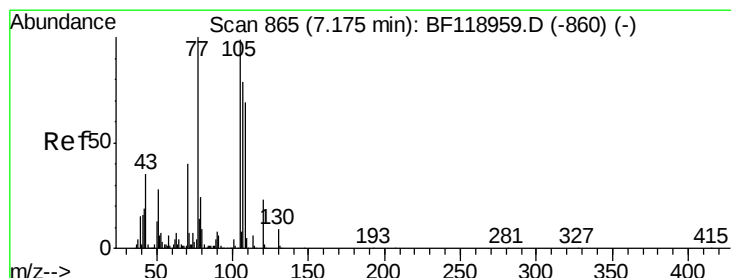
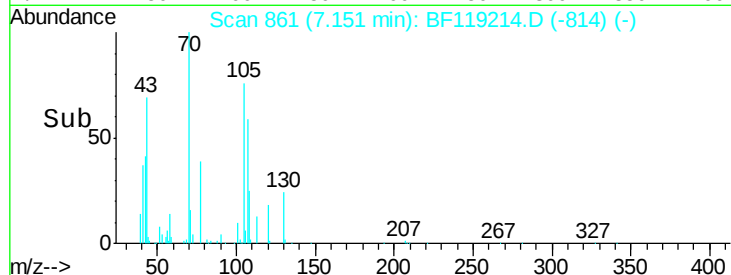
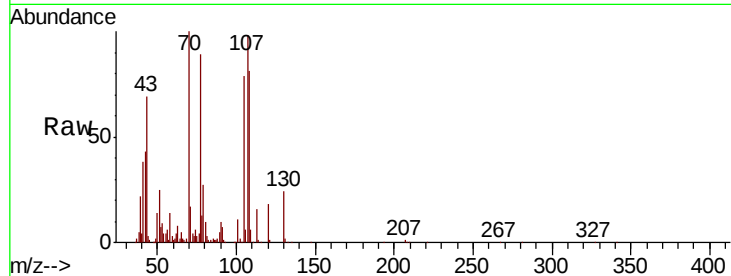
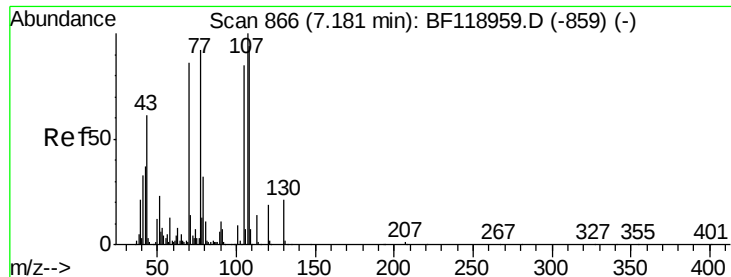
mohammad
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#18
Hexachloroethane
Concen: 45.054 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

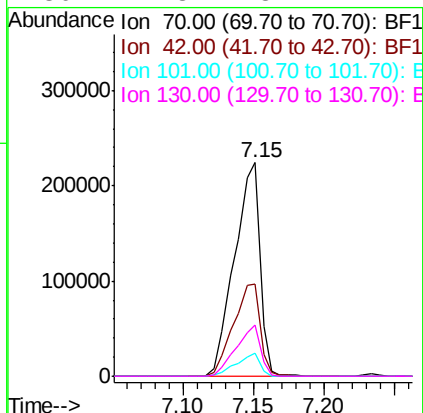
Tgt Ion	117	Resp	159972
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.5	116.3
201	104.1	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.034 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	38.0	57.0
101	10.9	8.2	12.4
130	24.3	18.2	27.4



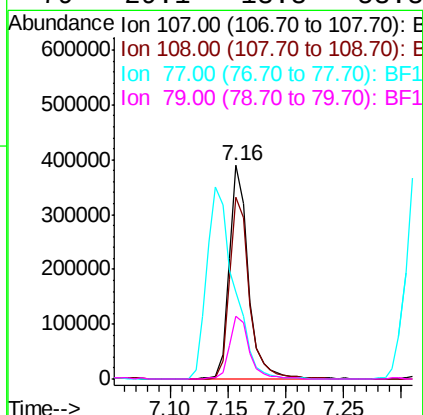
Instrument :
BNA_F
ClientSampleId :
PB127192BSD

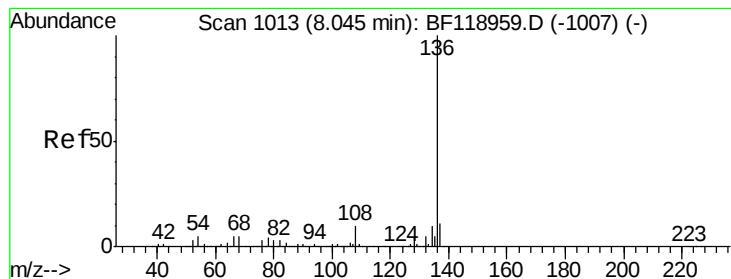
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#20
3+4-Methylphenols
Concen: 53.906 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	71.5	111.5
77	40.7	45.9	85.9#
79	29.1	13.8	53.8





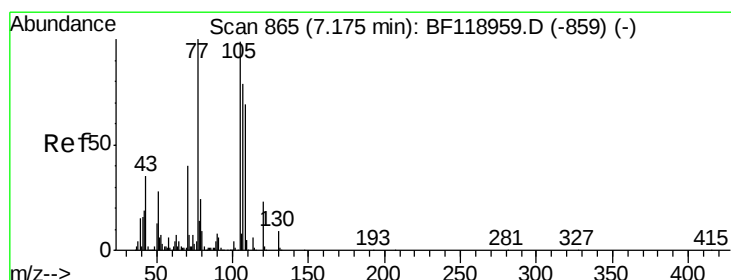
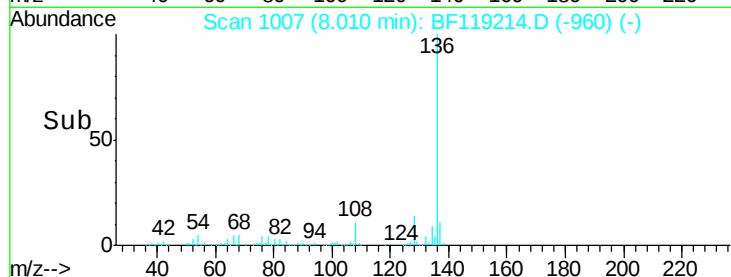
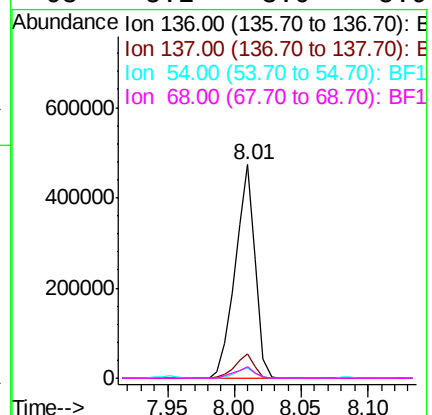
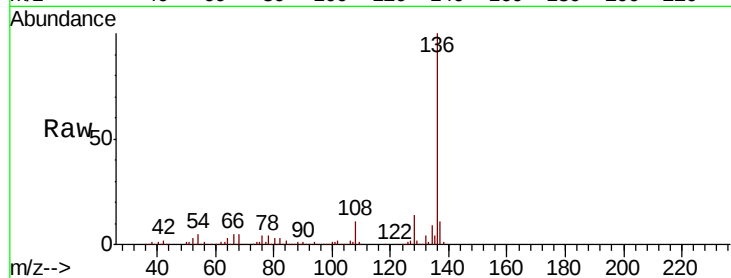
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496184		
137	11.4	8.8	13.2	
54	4.9	3.8	5.6	
68	5.2	3.9	5.9	

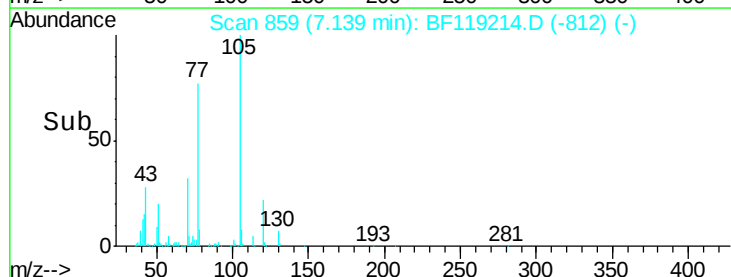
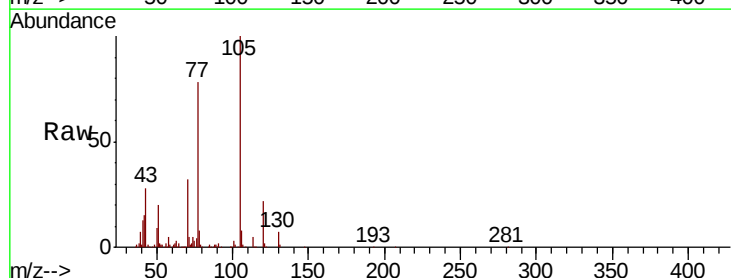
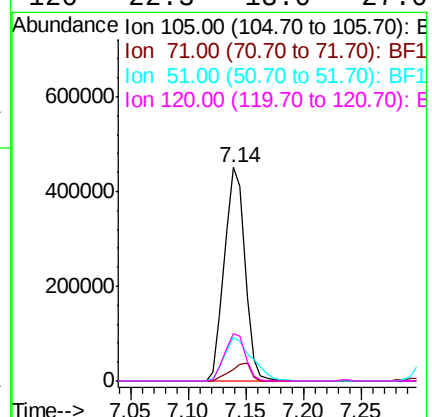
Manual Integrations
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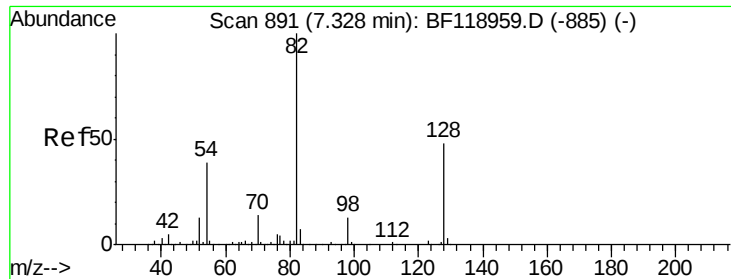
mohammad
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#22
Acetophenone
Concen: 48.823 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	560512		
71	5.2	3.0	4.4#	
51	20.2	20.1	30.1	
120	22.3	18.0	27.0	





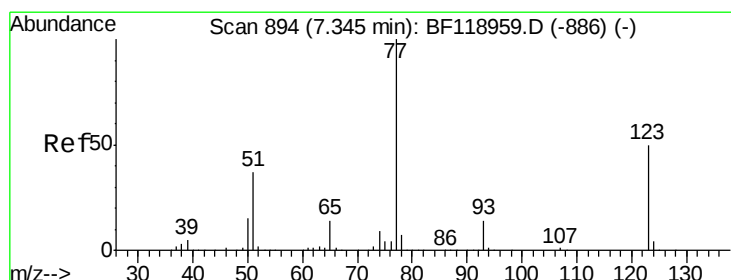
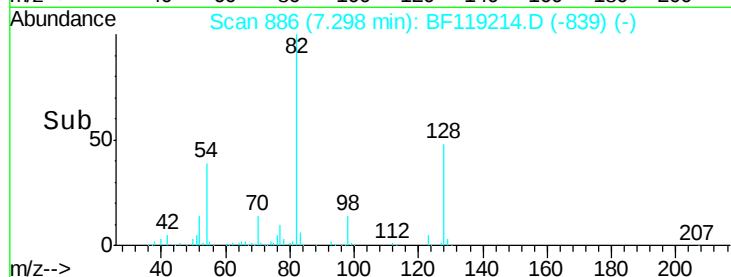
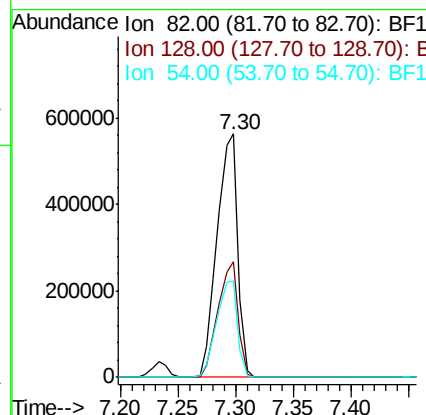
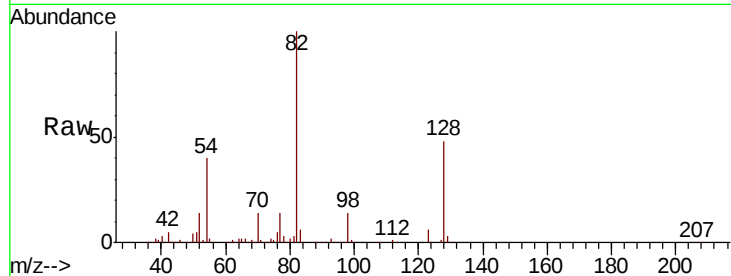
#23
 Nitrobenzene-d5
 Concen: 74.997 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.9	56.9
54	39.6	33.4	50.2

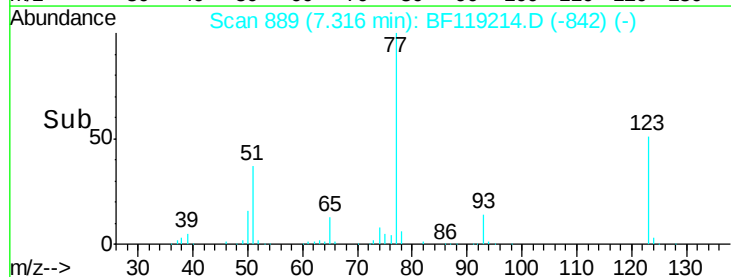
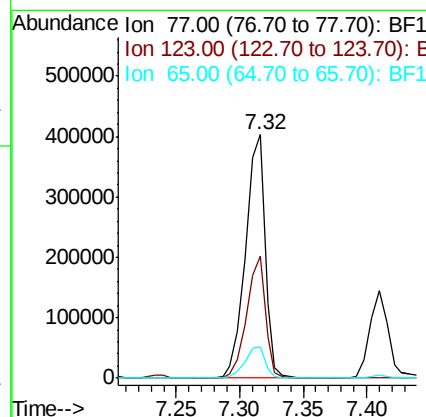
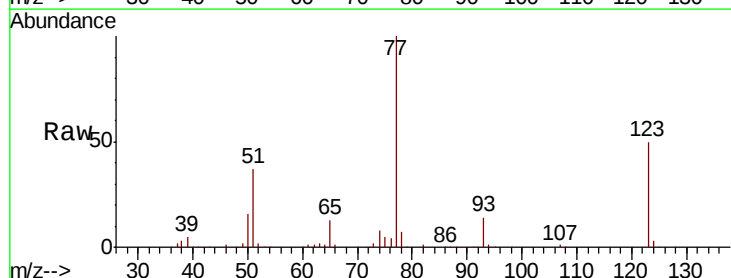
Manual Integrations
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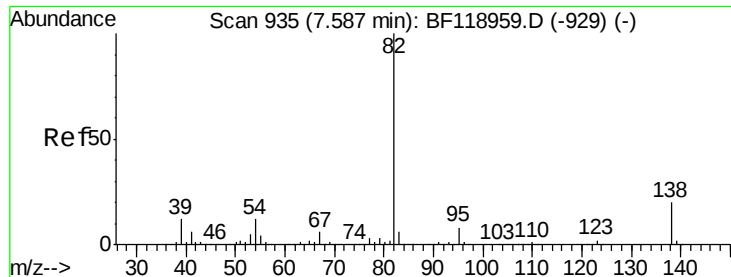
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#24
 Nitrobenzene
 Concen: 46.163 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.2	60.2
65	12.8	10.8	16.2





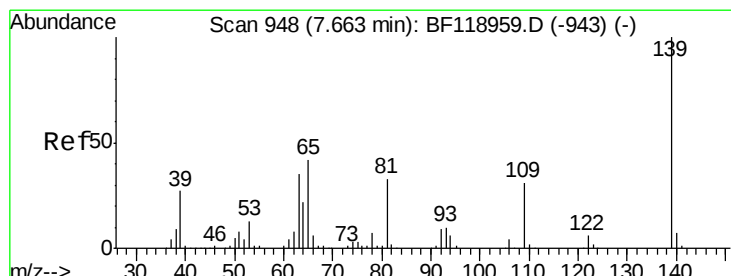
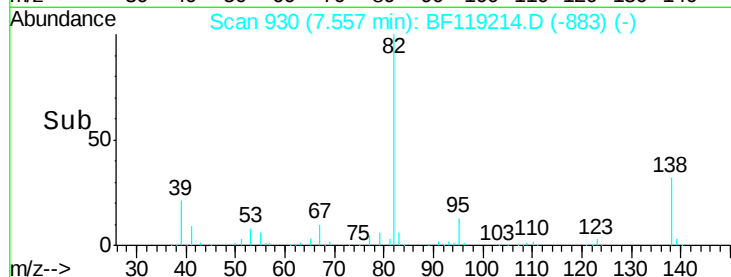
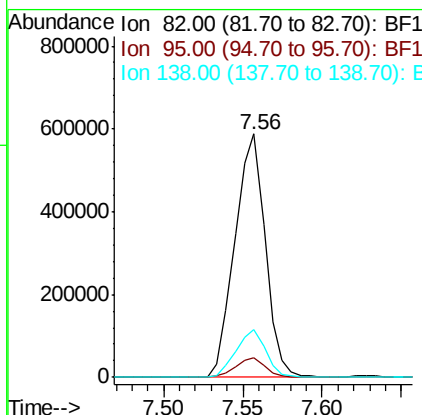
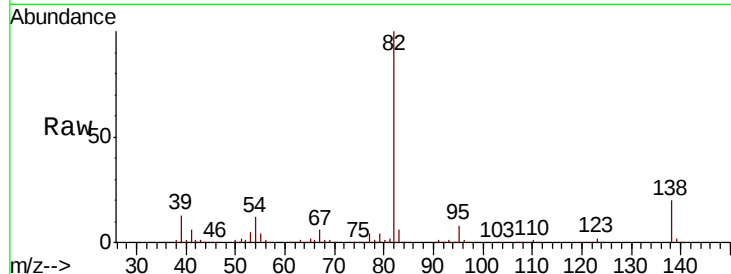
#25
Isophorone
Concen: 48.043 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	784092		
95	8.1		6.4	9.6
138	19.7		15.7	23.5

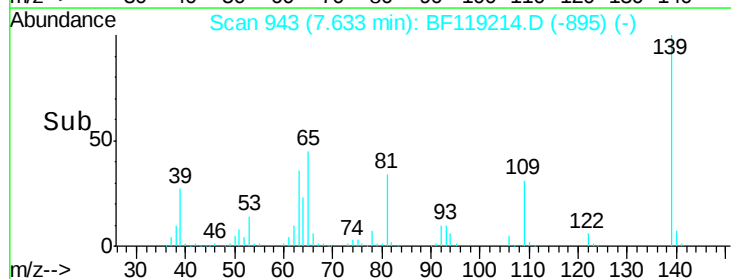
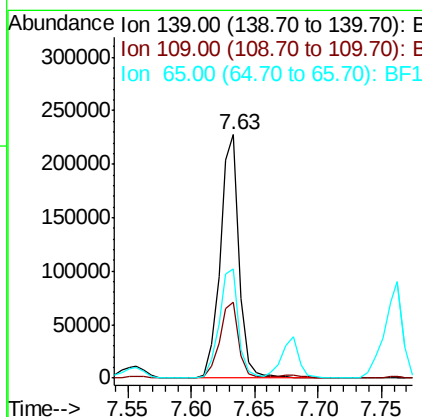
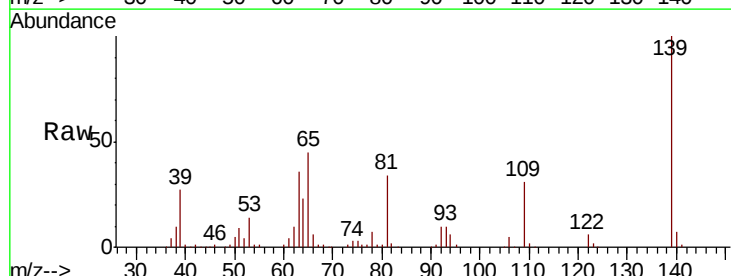
Manual Integrations
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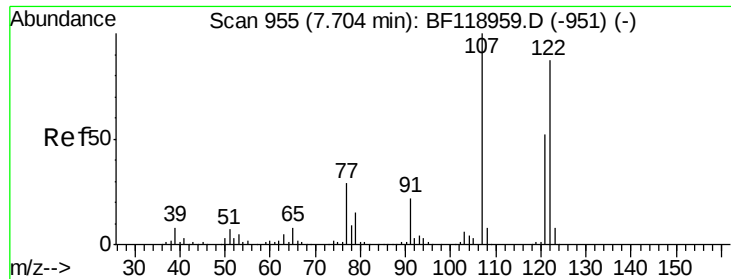
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3/9/2020 8:26:58 AM



#26
2-Nitrophenol
Concen: 47.935 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	236029		
109	31.0		25.7	38.5
65	44.8		37.1	55.7





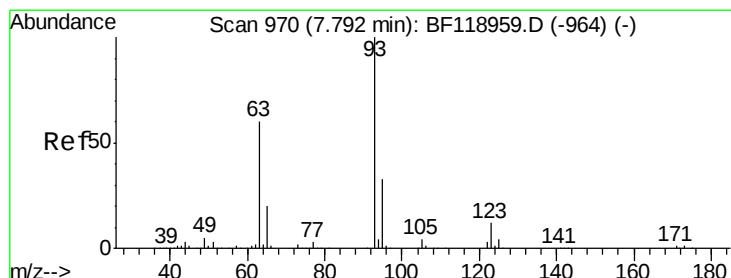
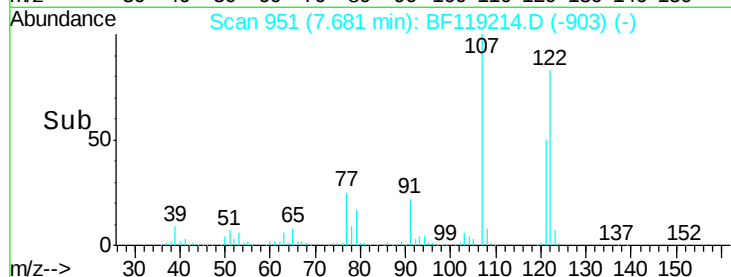
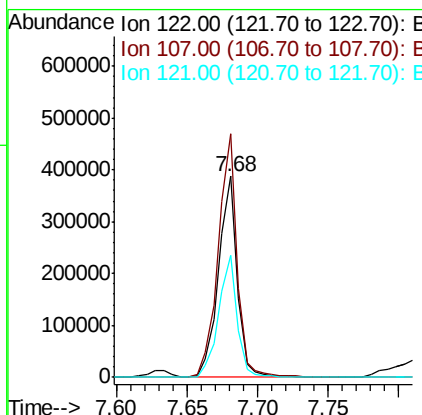
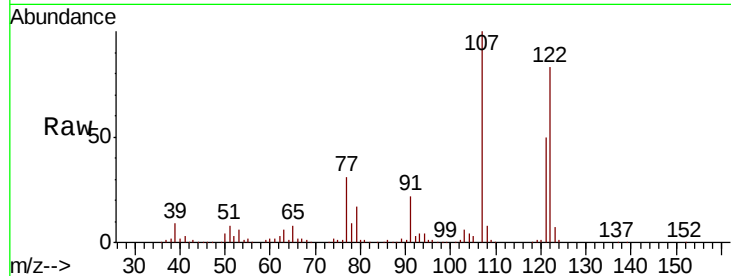
#27
2,4-Dimethylphenol
Concen: 54.147 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	361846		
107	120.9	93.8	140.6	
121	60.7	48.2	72.2	

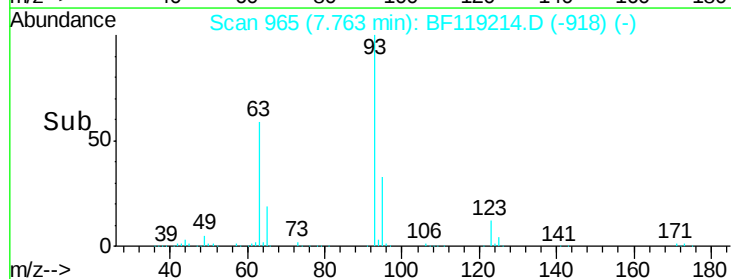
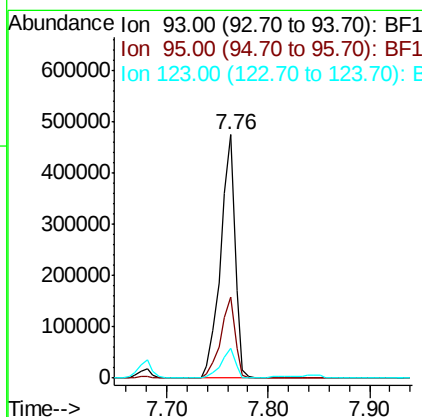
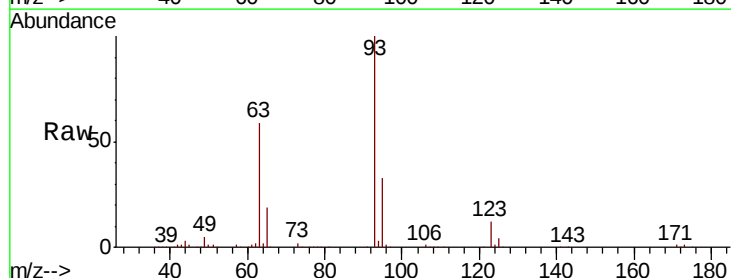
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#28
bis(2-Chloroethoxy)methane
Concen: 44.569 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473454		
95	33.0	26.5	39.7	
123	12.0	10.2	15.2	





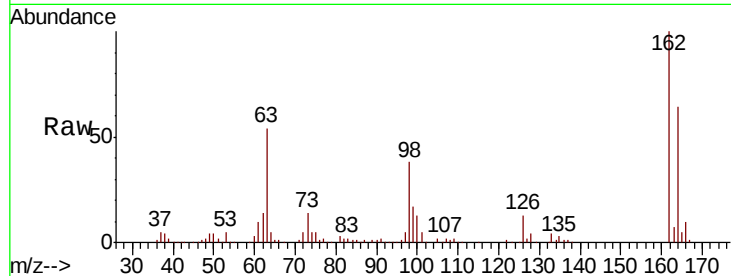
#29
 2,4-Dichlorophenol
 Concen: 47.283 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

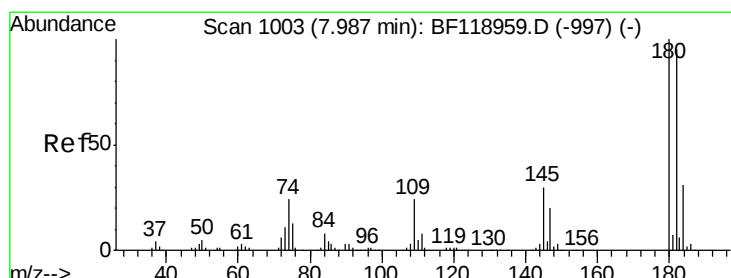
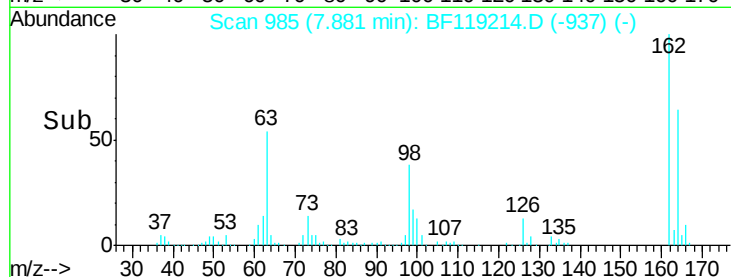
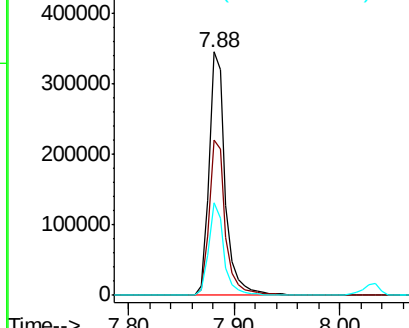
Tot Ion:	162	Resp:	371982
Ion Ratio	Lower	Upper	
162	100		
164	63.5	45.2	85.2
98	38.0	17.4	57.4

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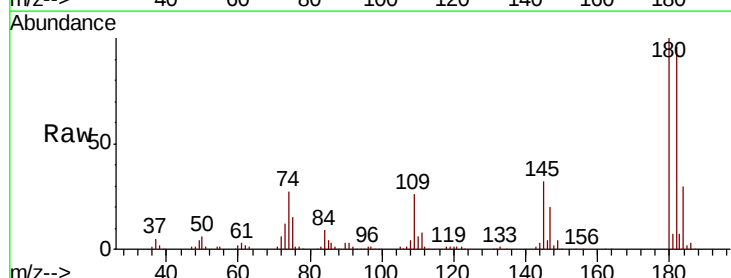


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

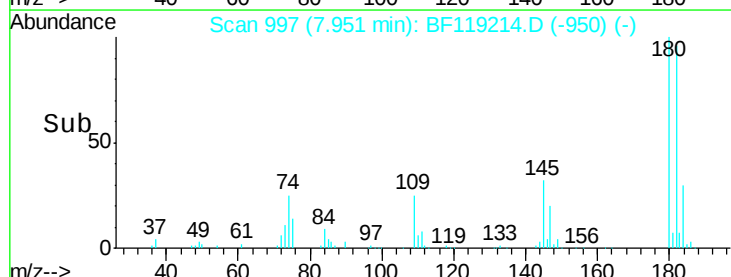
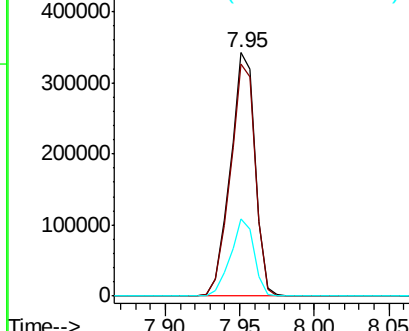


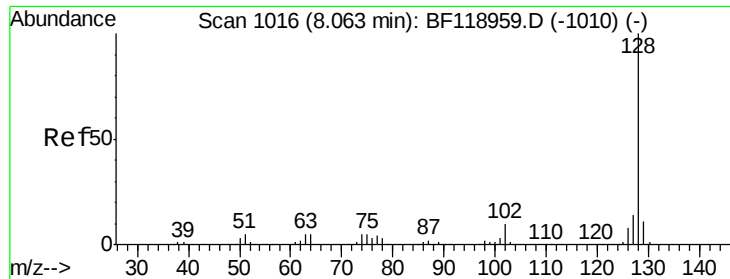
#30
 1,2,4-Trichlorobenzene
 Concen: 42.862 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:	180	Resp:	399801
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.8	116.6
145	31.5	25.2	37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





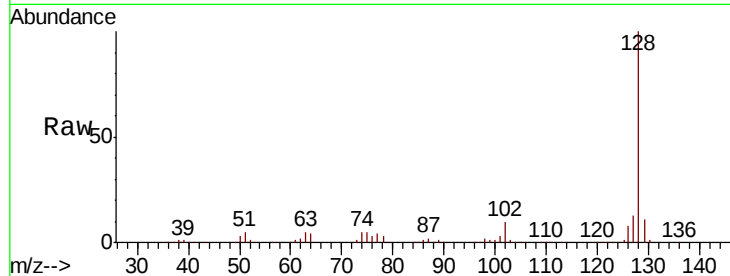
#31
Naphthalene
Concen: 46.460 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

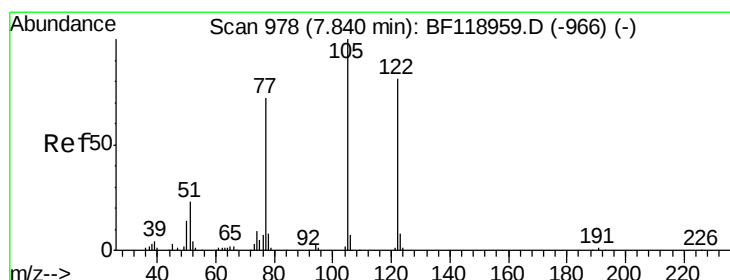
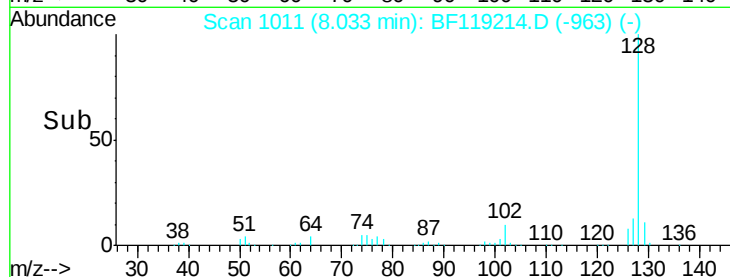
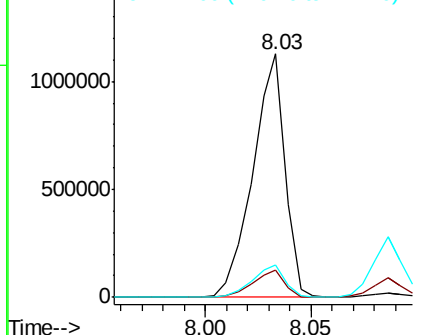
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.3	11.4	17.2

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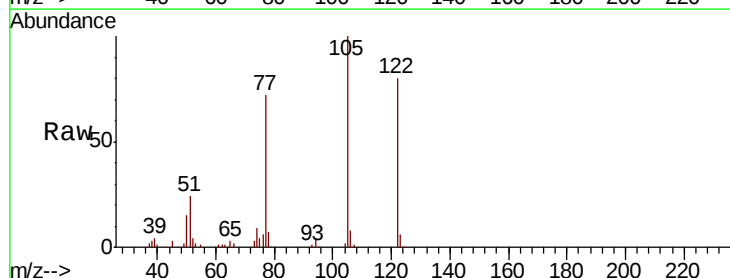


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

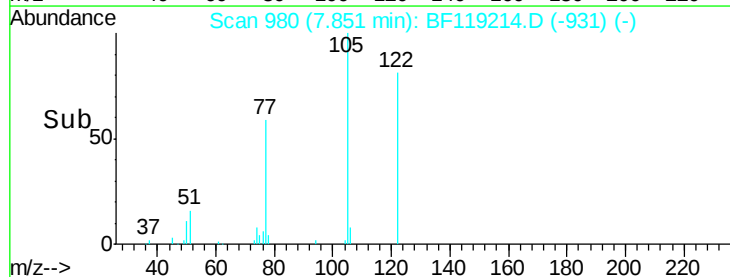
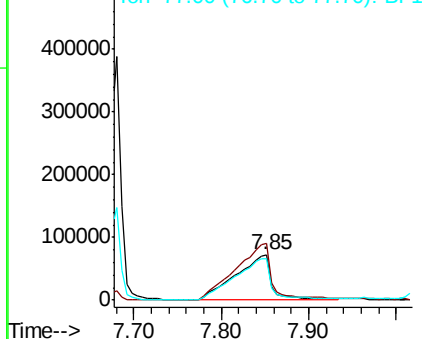


#32
Benzoic acid
Concen: 43.087 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	106.3	146.3
77	90.4	73.1	113.1



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





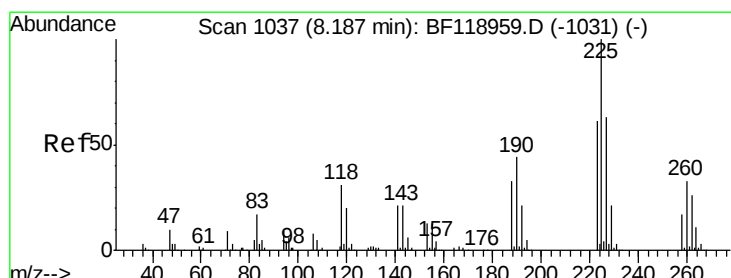
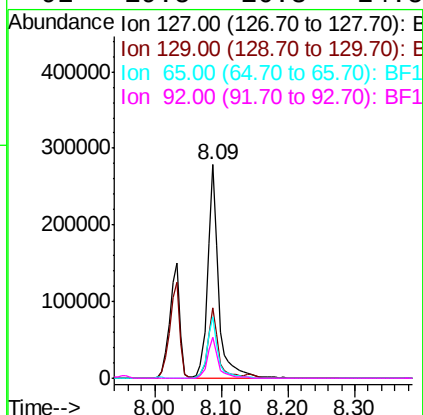
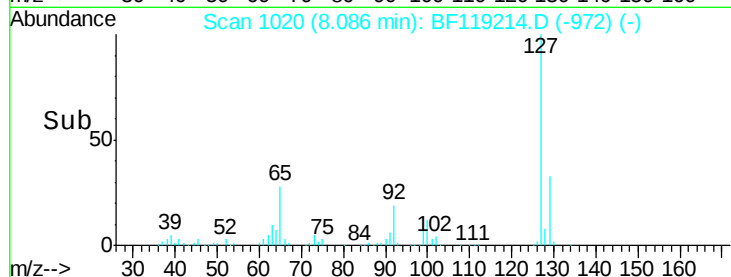
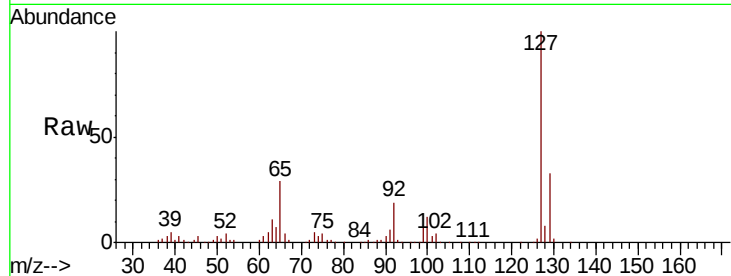
#33
4-Chloroaniline
Concen: 28.681 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	28.8	23.9	35.9		
92	19.5	16.3	24.5		

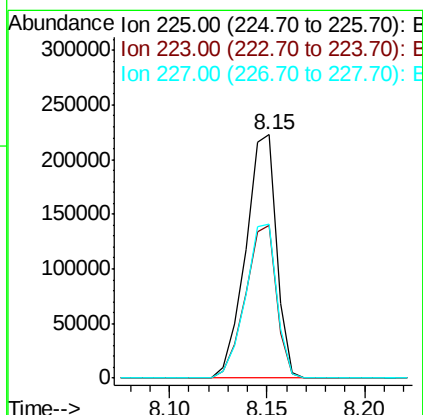
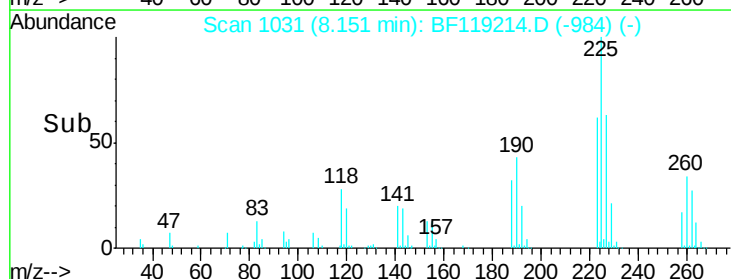
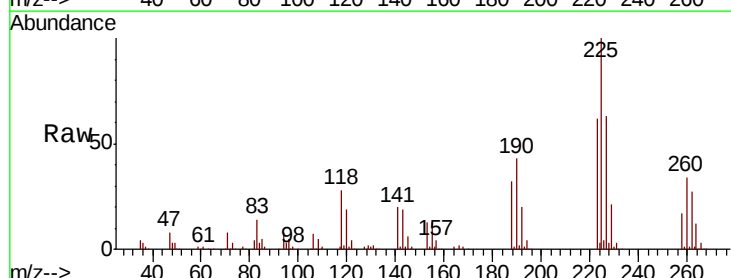
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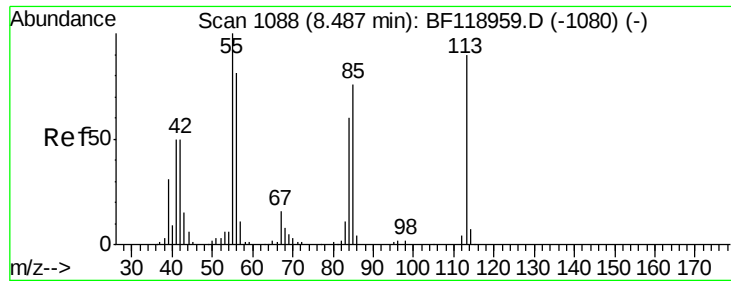
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#34
Hexachlorobutadiene
Concen: 41.971 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.4	74.2		
227	63.4	52.9	79.3		





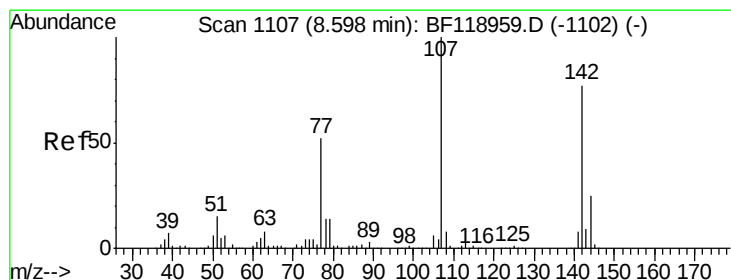
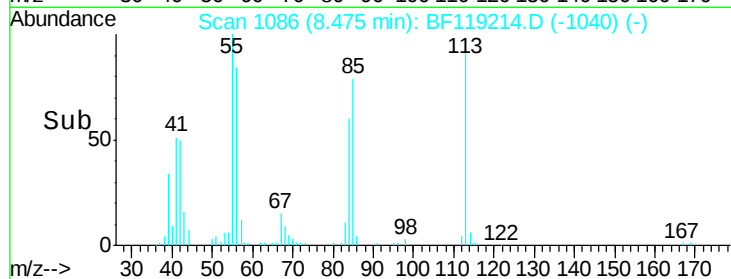
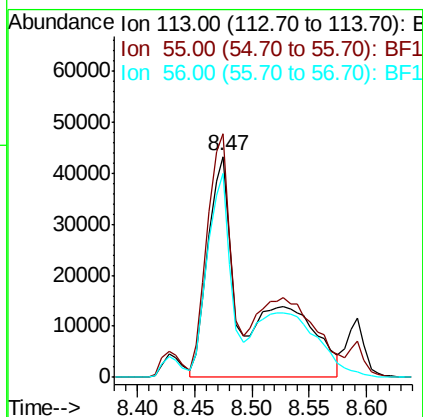
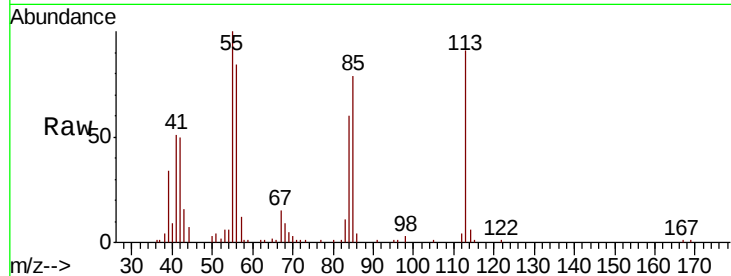
#35
 Caprolactam
 Concen: 46.620 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	110.1	95.7	135.7
56	92.2	73.1	113.1

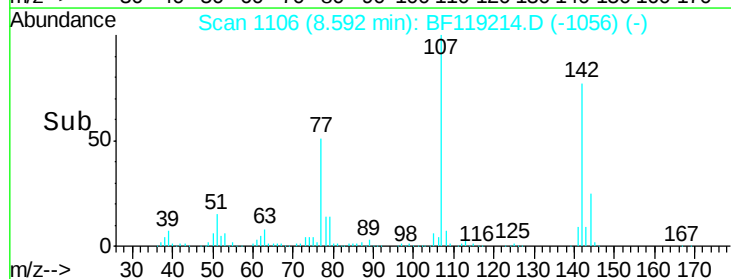
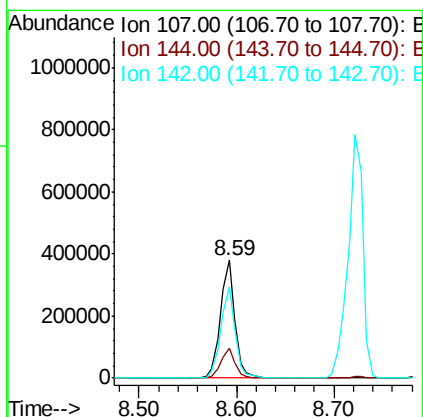
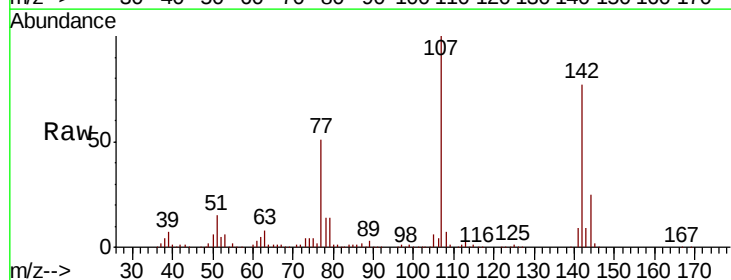
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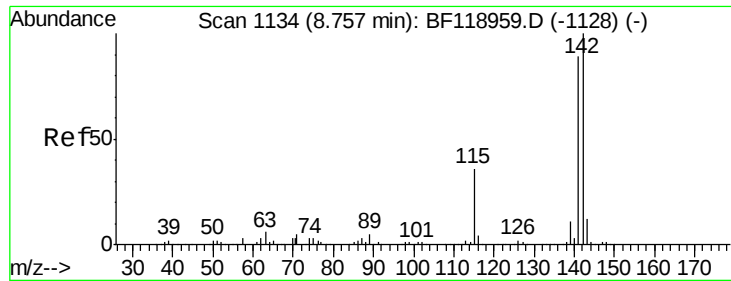
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#36
 4-Chloro-3-methylphenol
 Concen: 49.564 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	77.4	61.4	92.2





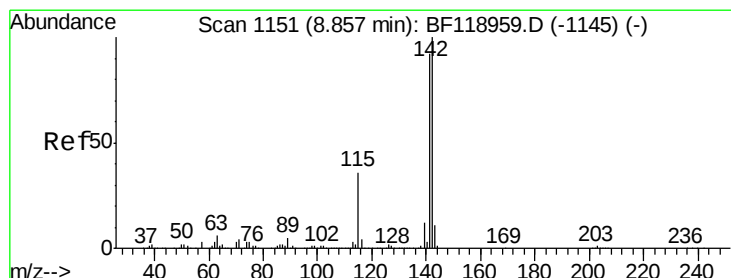
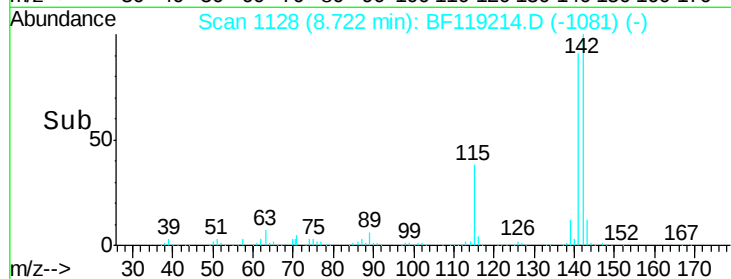
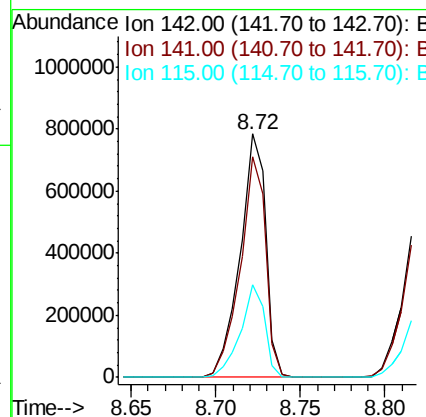
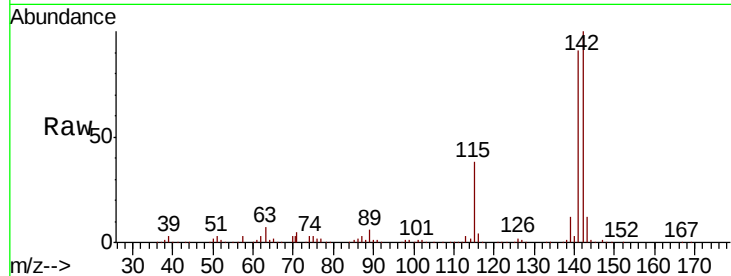
#37
2-Methylnaphthalene
Concen: 47.918 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	37.9	30.6	45.8

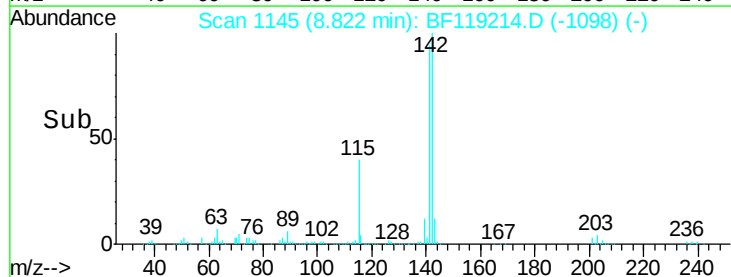
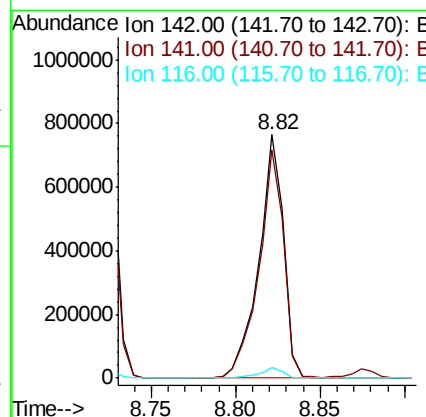
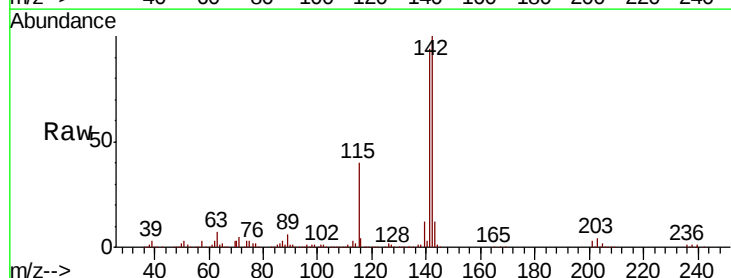
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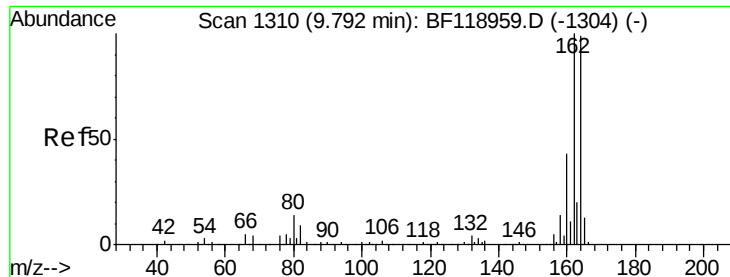
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#38
1-Methylnaphthalene
Concen: 47.670 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	4.2	3.1	4.7





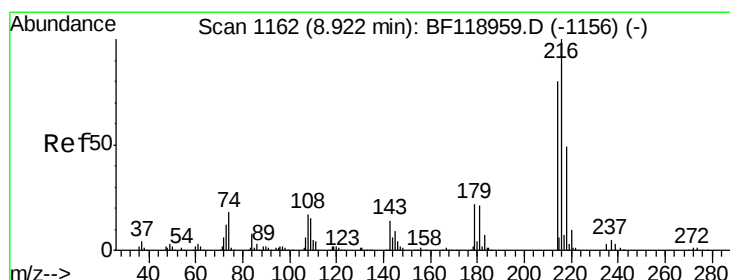
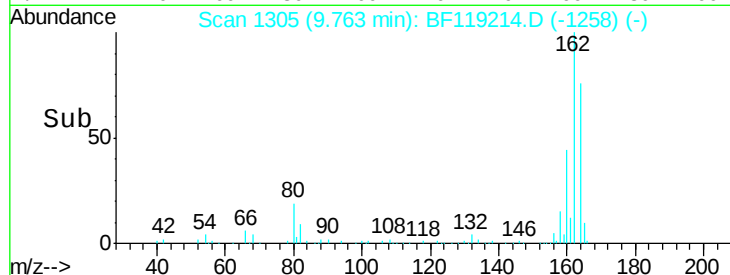
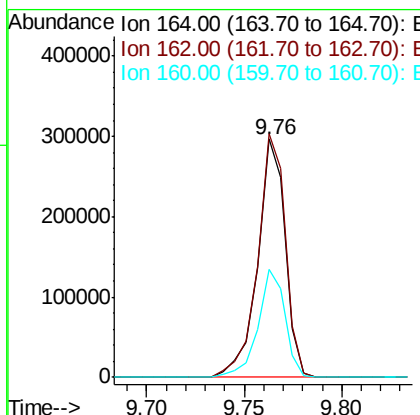
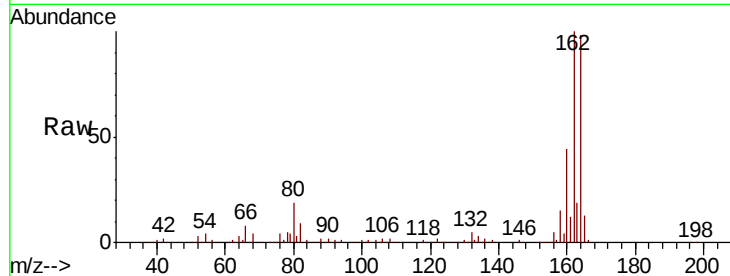
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	45.2	36.0	54.0

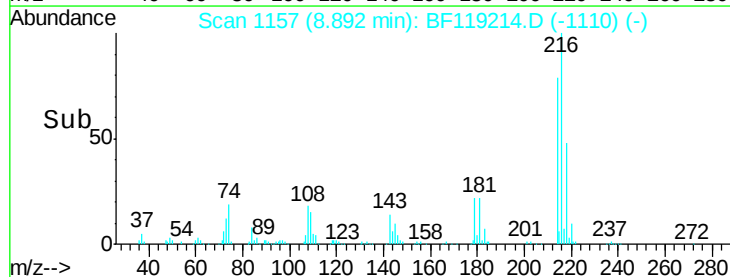
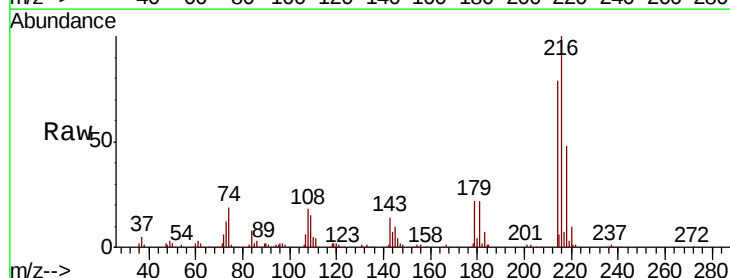
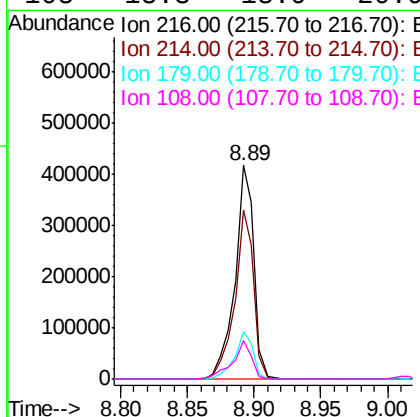
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.419 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.3	94.9
179	21.6	17.7	26.5
108	18.3	13.9	20.9





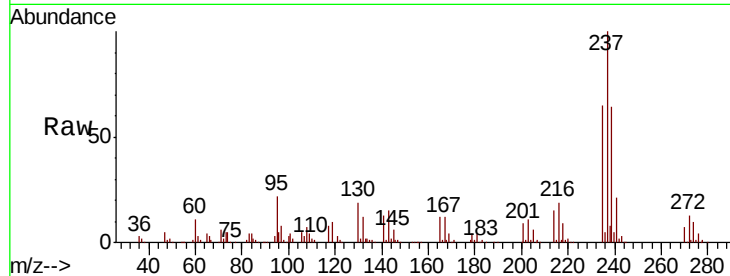
#41
Hexachlorocyclopentadiene
Concen: 65.322 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

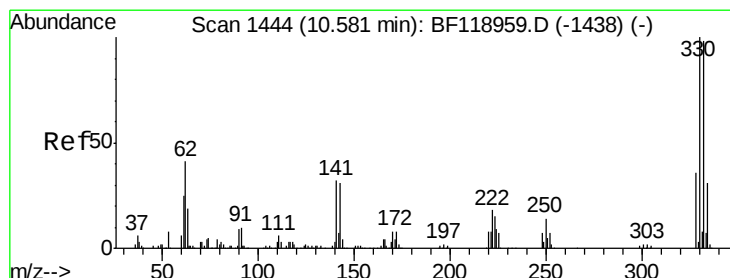
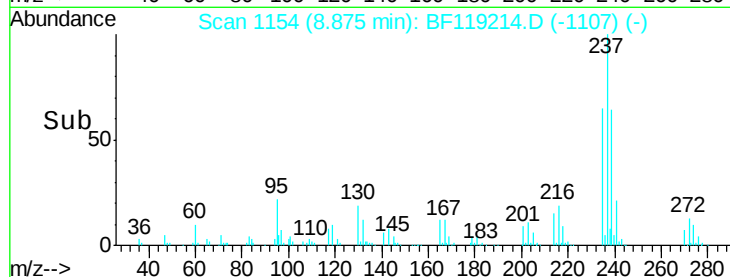
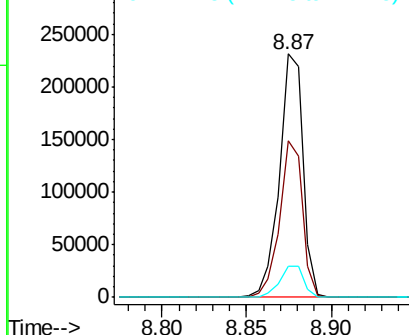
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	42.3	82.3
272	12.5	0.0	33.5

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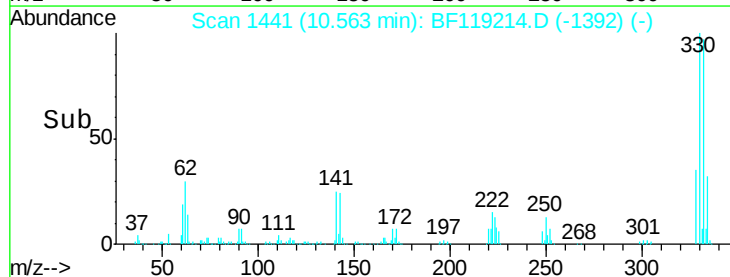
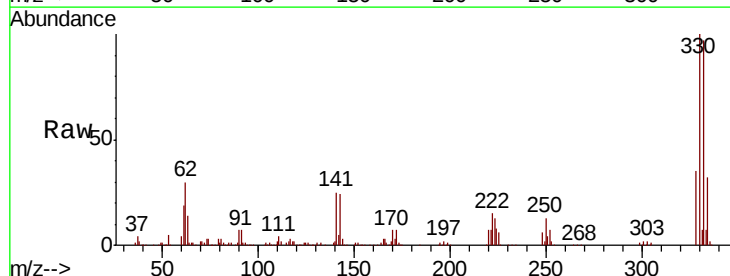
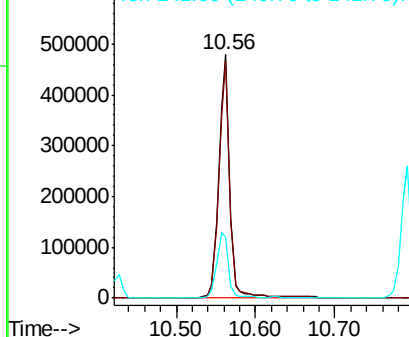
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

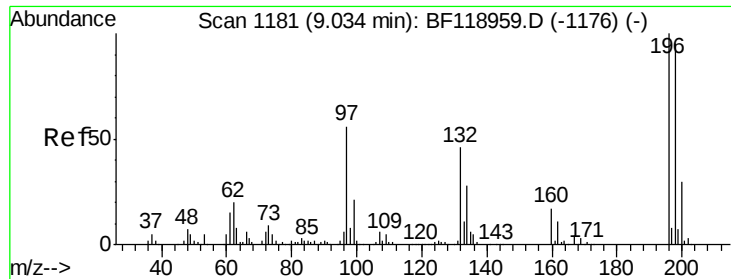


#42
2,4,6-Tribromophenol
Concen: 121.994 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	76.0	114.0
141	28.9	22.9	34.3

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





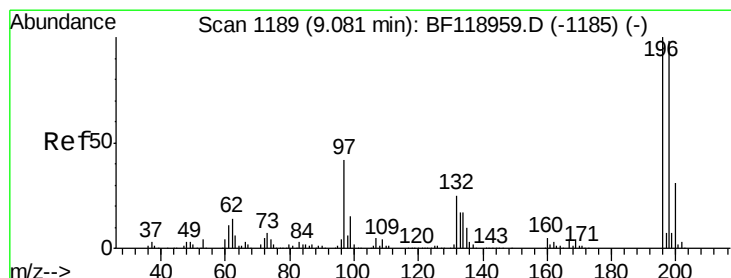
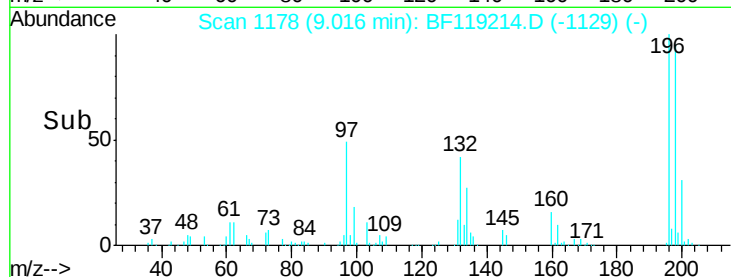
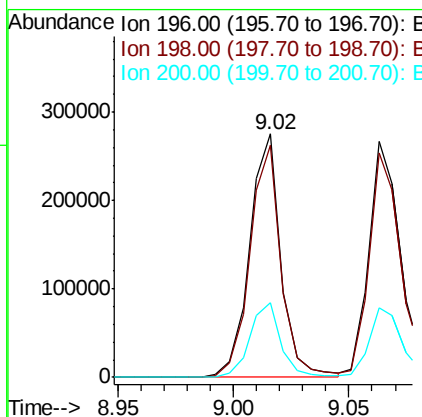
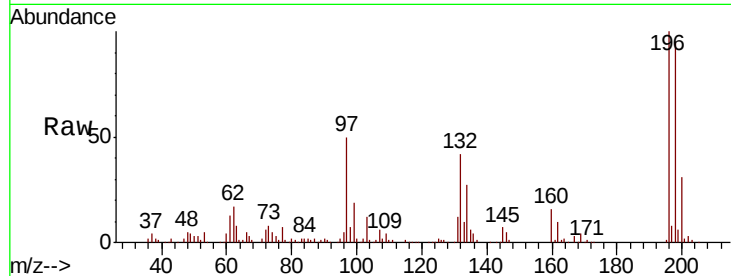
#43
 2,4,6-Trichlorophenol
 Concen: 42.285 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260333		
198	95.1	77.1	115.7	
200	30.8	25.0	37.6	

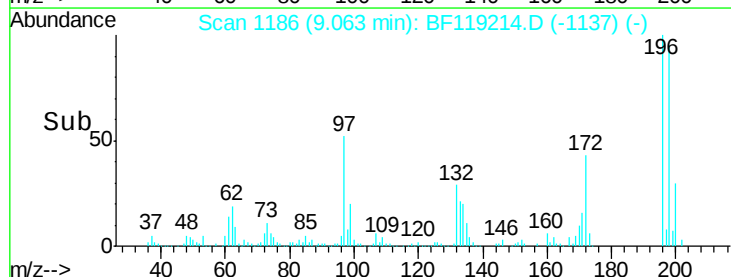
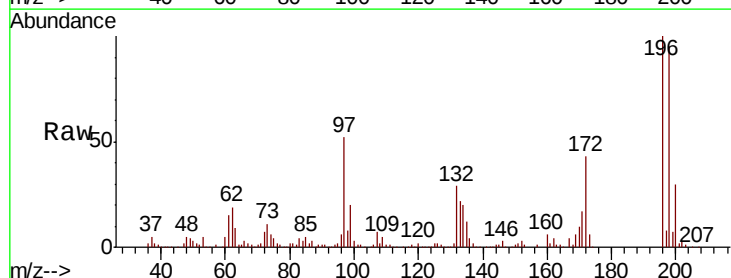
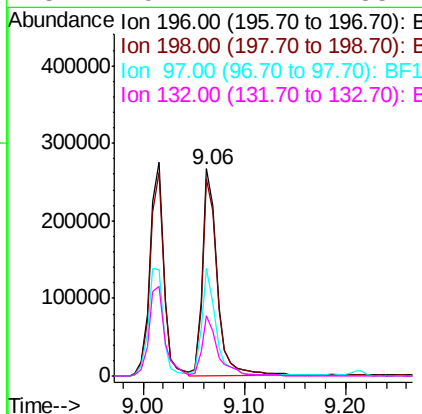
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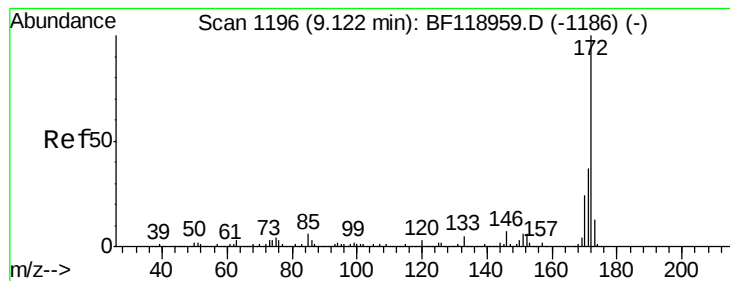
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.053 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271681		
198	95.2	76.8	115.2	
97	51.9	38.5	57.7	
132	29.2	22.2	33.4	





#45

2-Fluorobiphenyl

Concen: 74.771 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:172 Resp: 1467617

Ion Ratio Lower Upper

172 100

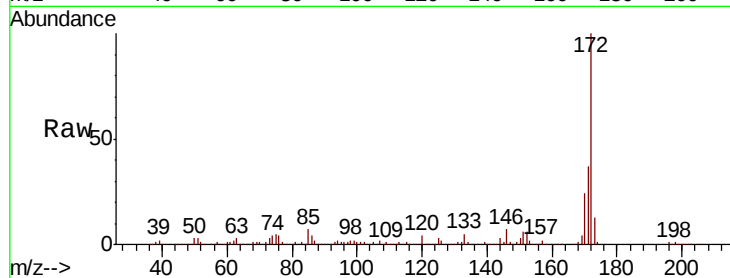
171 36.6 30.6 45.8

170 24.0 20.2 30.2

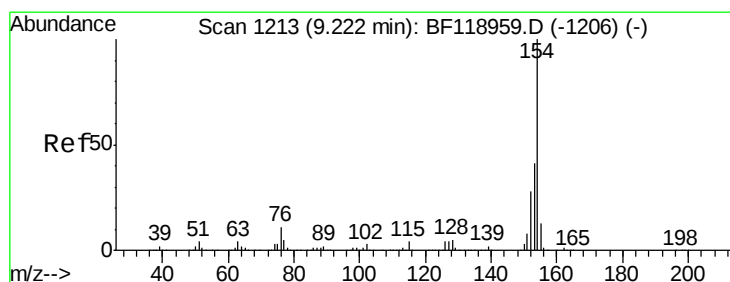
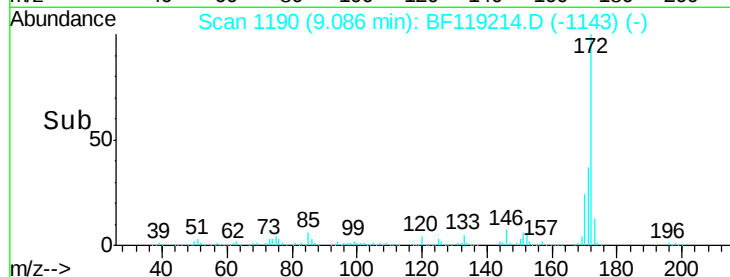
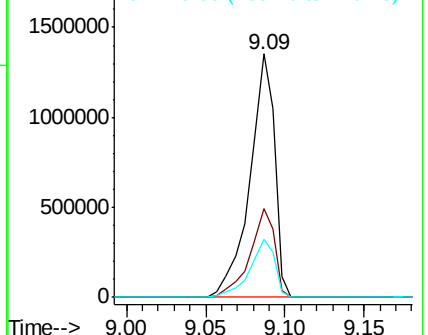
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.231 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

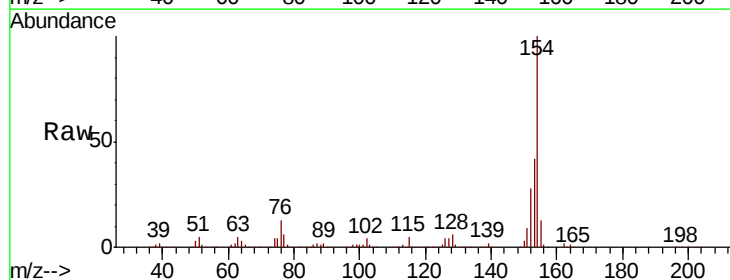
Tgt Ion:154 Resp: 1010296

Ion Ratio Lower Upper

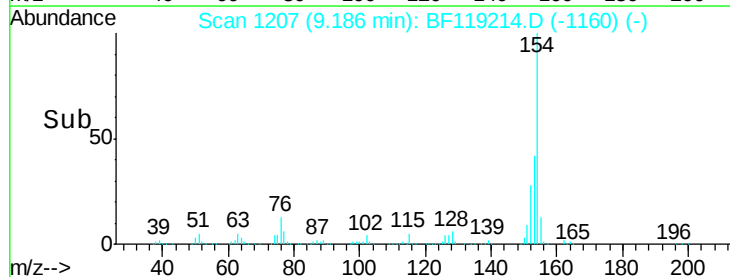
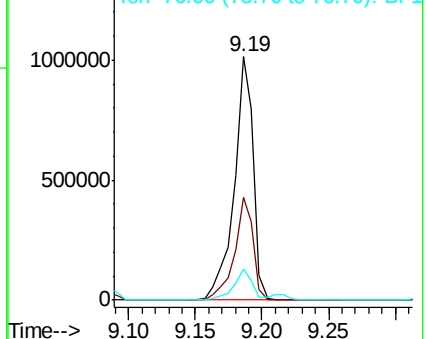
154 100

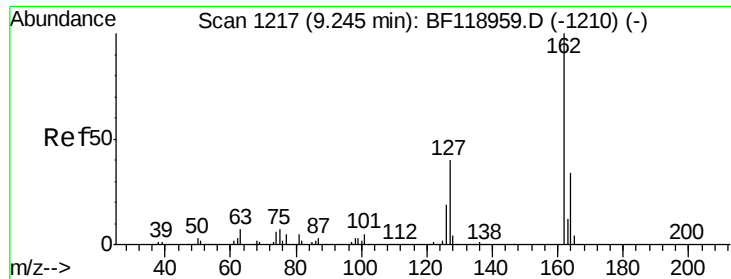
153 42.1 22.8 62.8

76 12.8 0.0 32.2



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





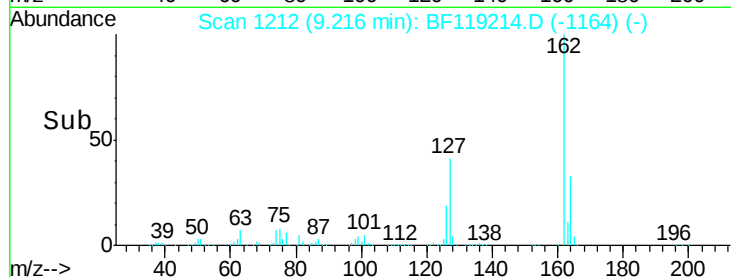
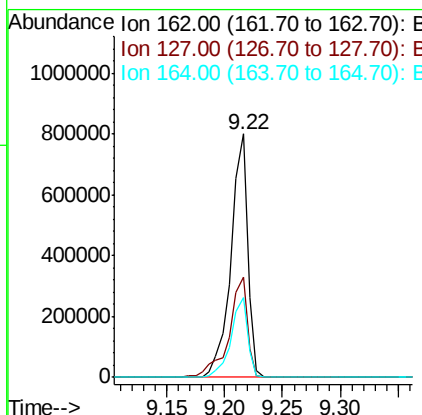
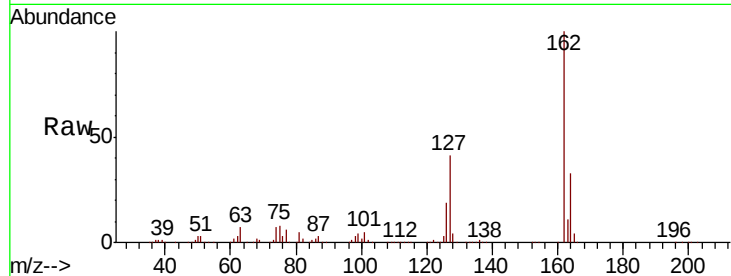
#47
2-Chloronaphthalene
Concen: 42.782 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	35.0	52.4
164	33.0	27.2	40.8

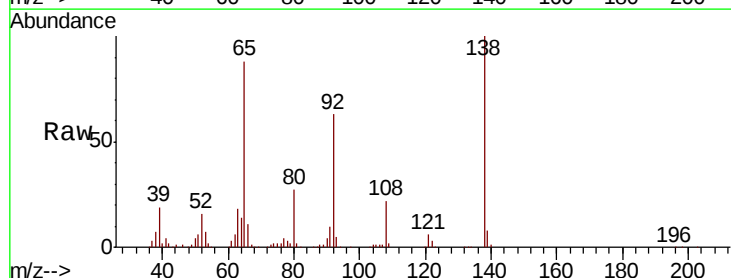
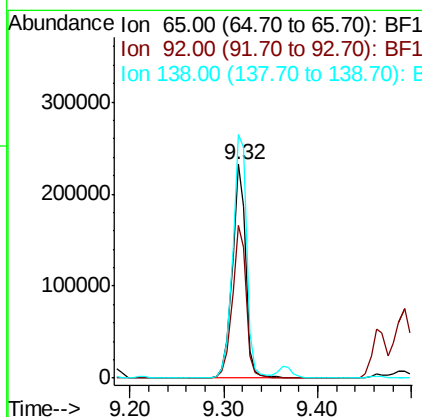
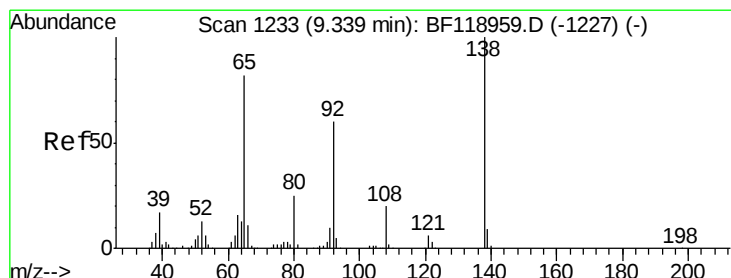
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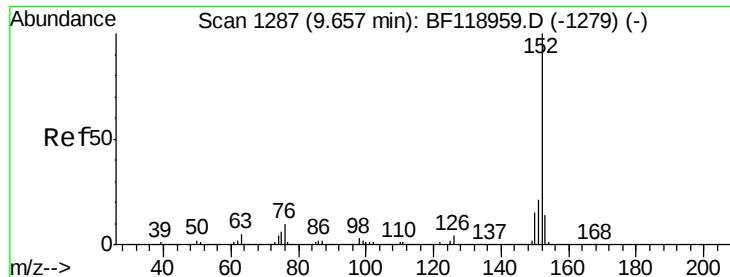
mohammad
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#48
2-Nitroaniline
Concen: 44.030 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.2	87.2
138	113.9	95.6	143.4





#49

Acenaphthylene

Concen: 45.351 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:152 Resp: 1233533

Ion Ratio Lower Upper

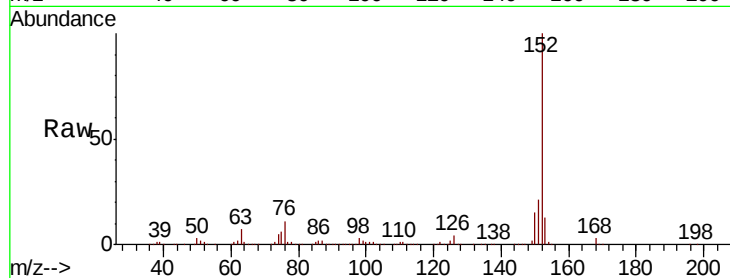
152 100

151 20.7 16.9 25.3

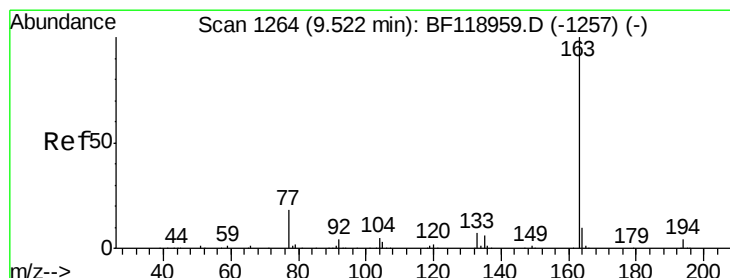
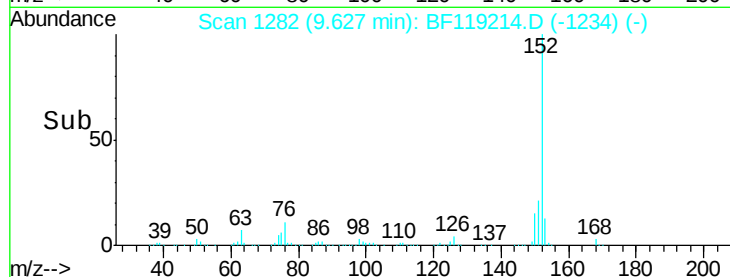
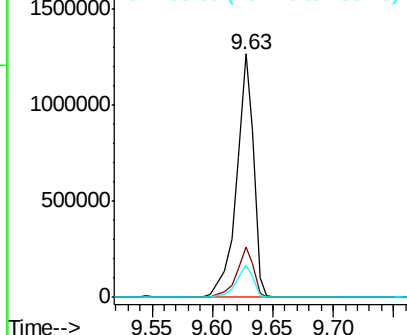
153 13.4 11.0 16.6

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



#50

Dimethylphthalate

Concen: 45.212 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

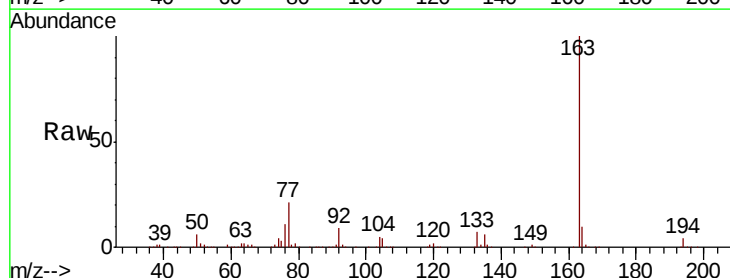
Tgt Ion:163 Resp: 999696

Ion Ratio Lower Upper

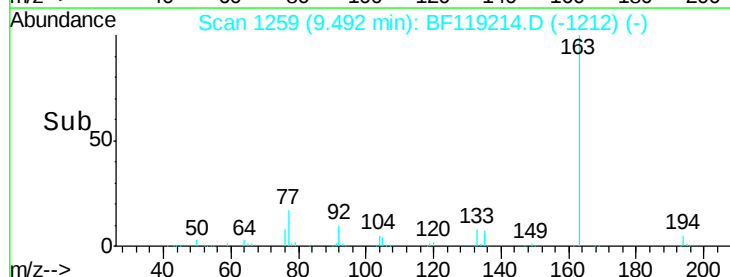
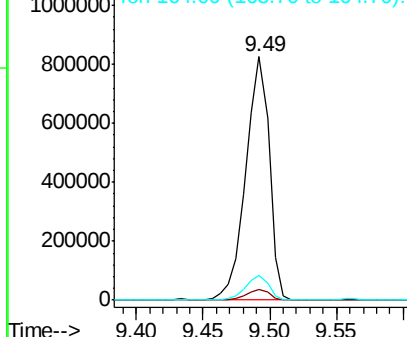
163 100

194 4.3 3.5 5.3

164 10.3 8.4 12.6



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





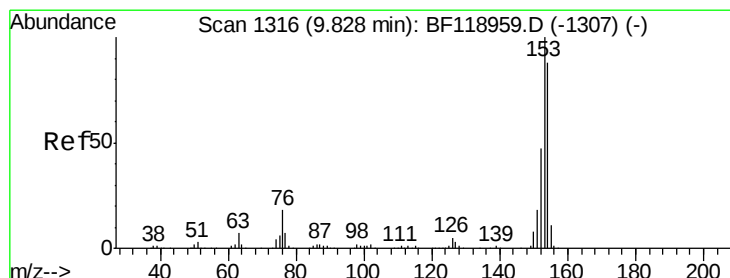
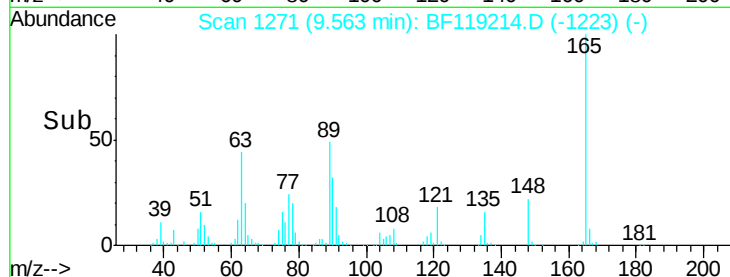
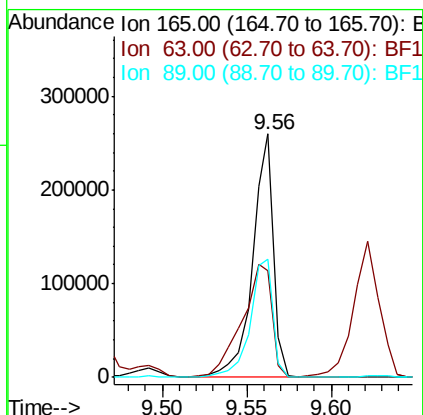
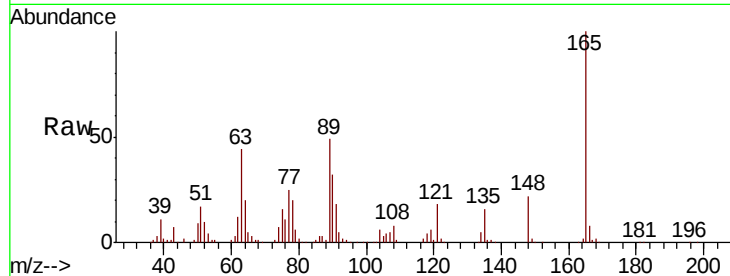
#51
 2,6-Dinitrotoluene
 Concen: 45.677 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion:	165	Resp:	224390
Ion Ratio		Lower	Upper
165	100		
63	43.8	34.3	51.5
89	48.8	38.3	57.5

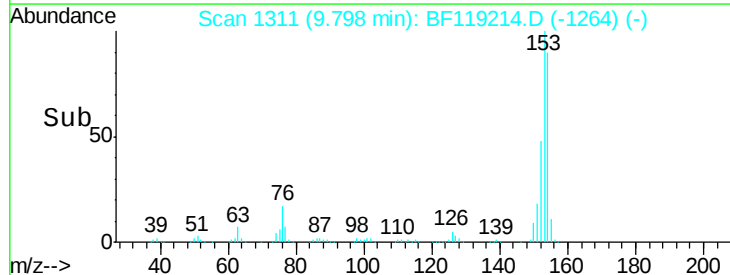
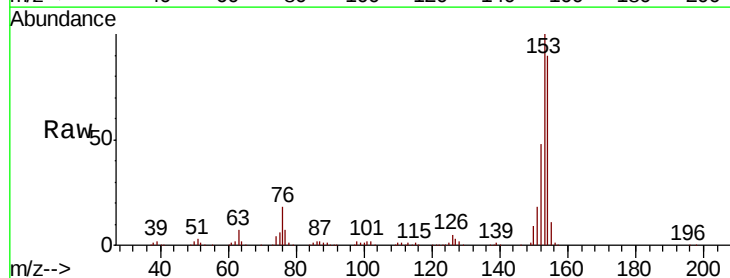
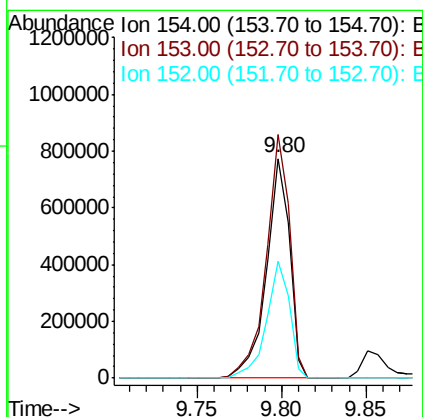
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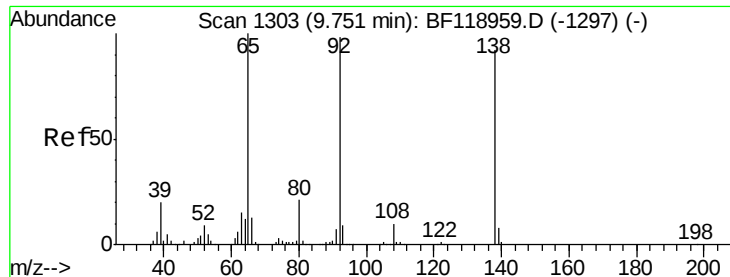
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#52
 Acenaphthene
 Concen: 44.890 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:	154	Resp:	736249
Ion Ratio		Lower	Upper
154	100		
153	111.0	90.3	135.5
152	53.3	43.8	65.8





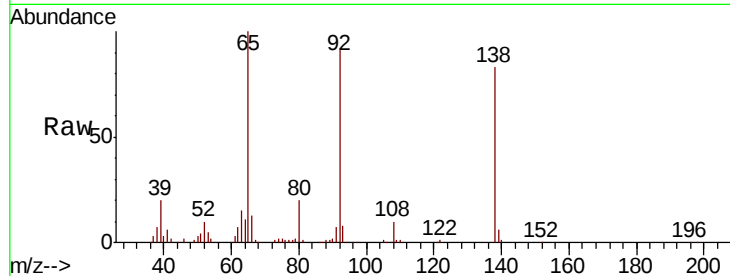
#53
3-Nitroaniline
Concen: 27.885 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

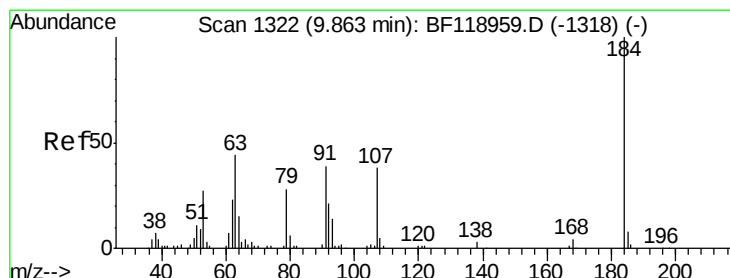
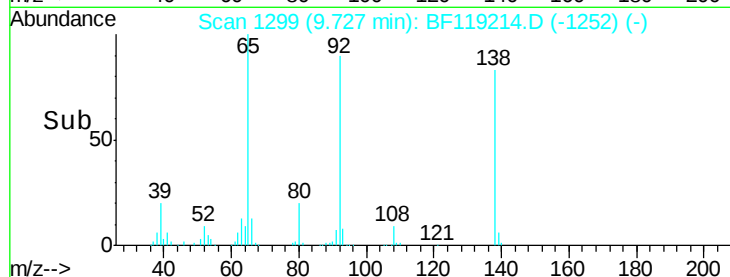
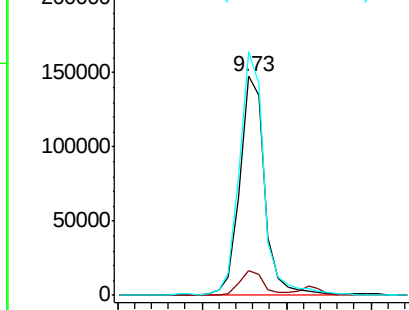
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.6	8.8	13.2	
92	111.3	84.8	127.2	

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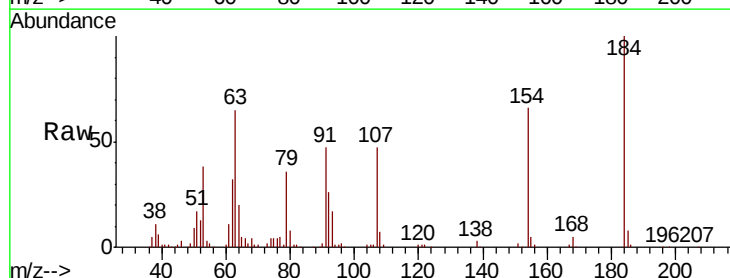


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

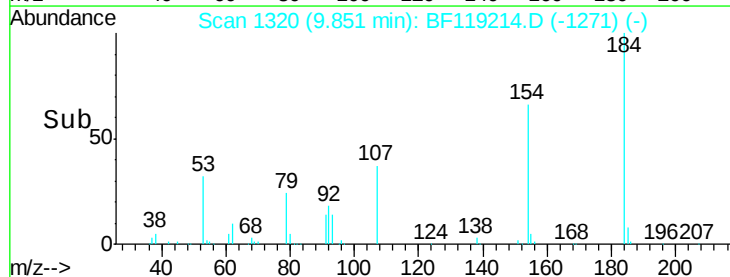
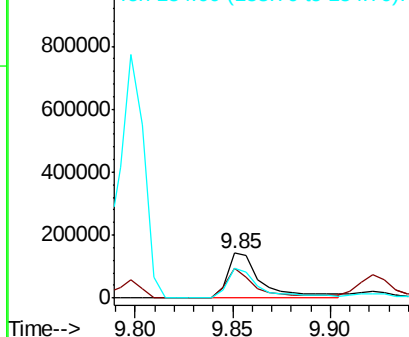


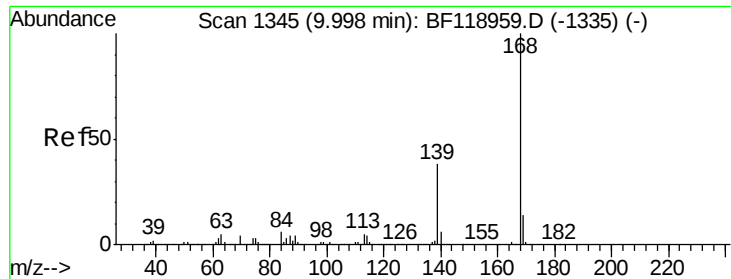
#54
2,4-Dinitrophenol
Concen: 74.554 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.9	38.7	58.1#	
154	66.1	49.7	74.5	



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





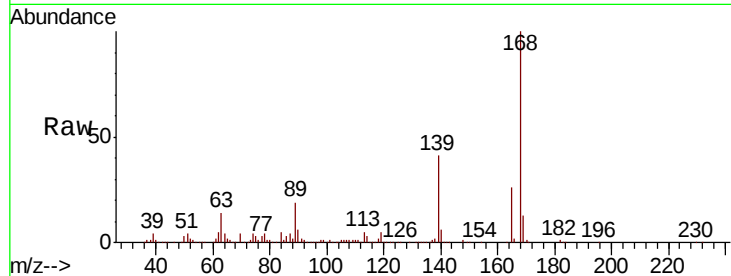
#55
Dibenzofuran
Concen: 44.062 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampled :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	34.0	51.0
169	13.2	11.0	16.4

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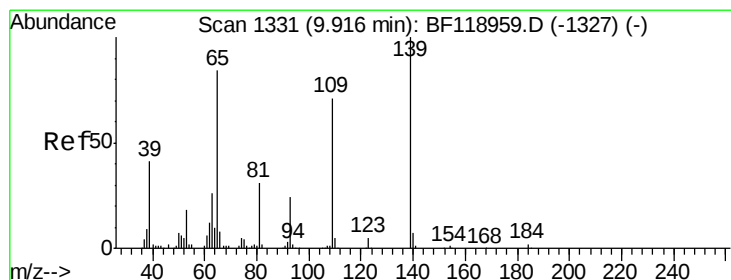
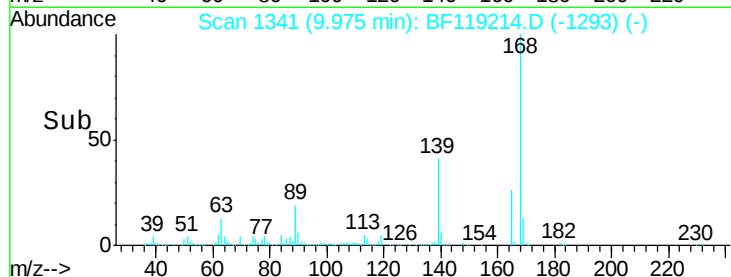
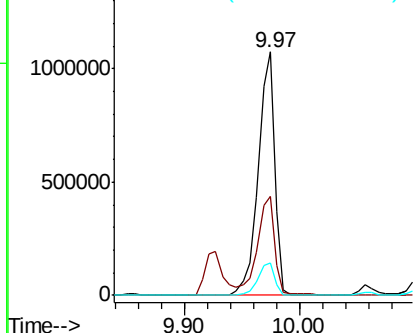


Abundance

Ion 168.00 (167.70 to 168.70): E

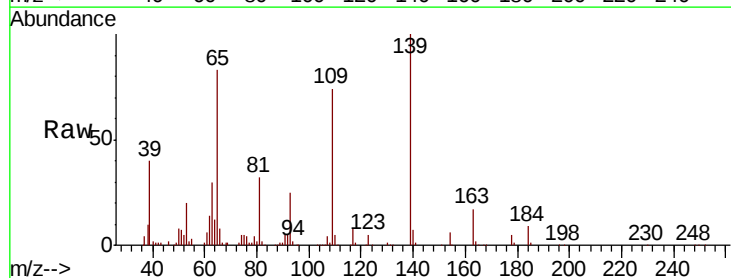
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 66.305 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.7	96.7
65	82.9	65.0	105.0

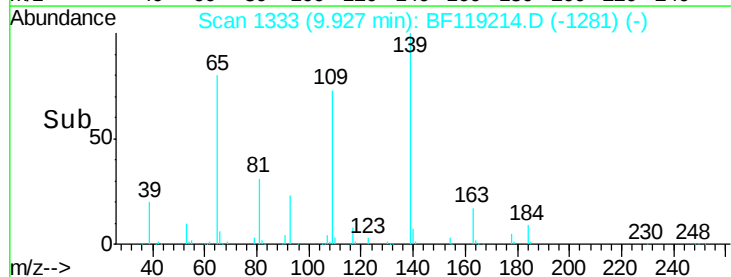
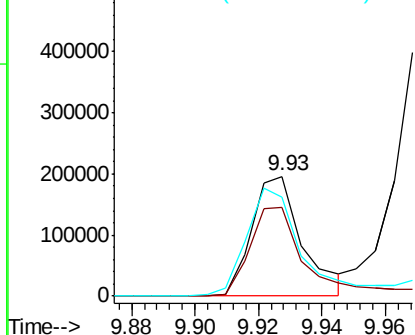


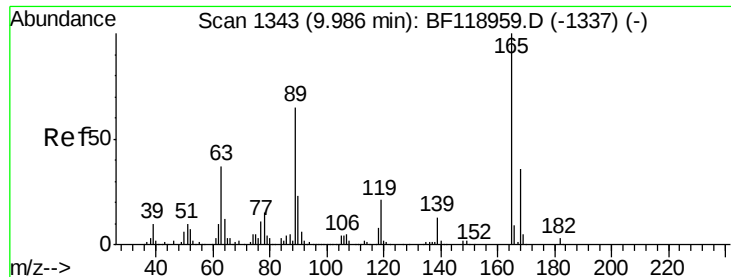
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





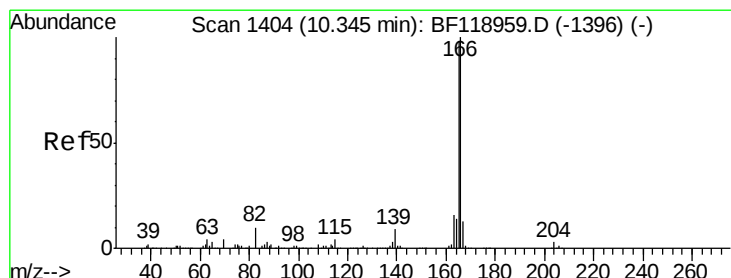
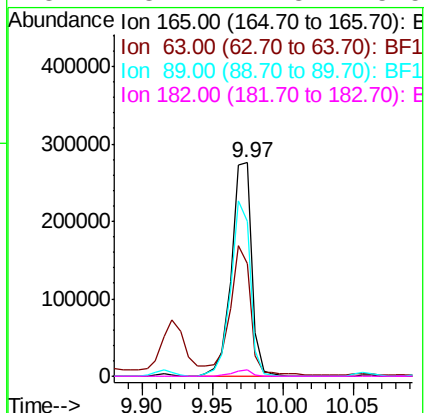
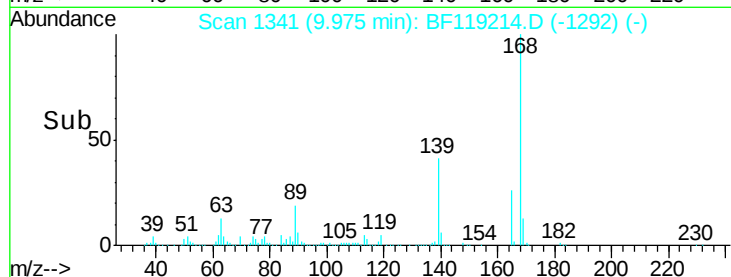
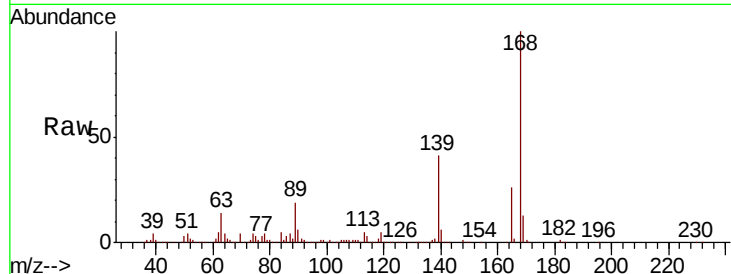
#57
 2,4-Dinitrotoluene
 Concen: 43.515 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		277084		
63	52.8	42.3	63.5		
89	72.3	60.2	90.4		
182	3.2	2.3	3.5		

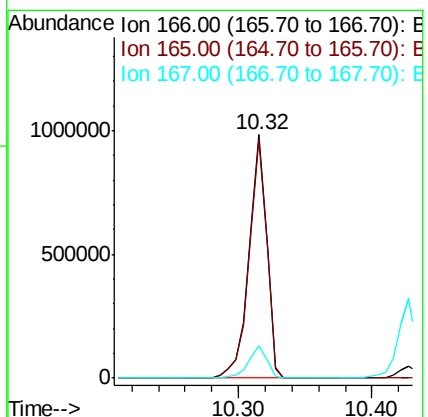
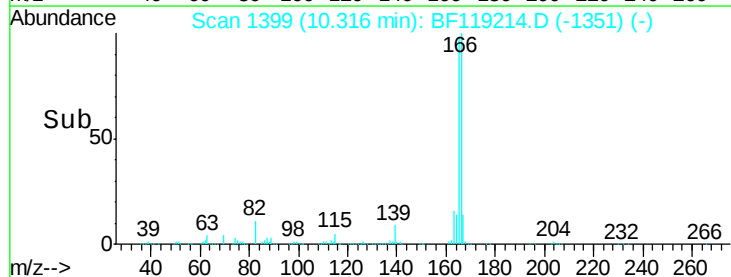
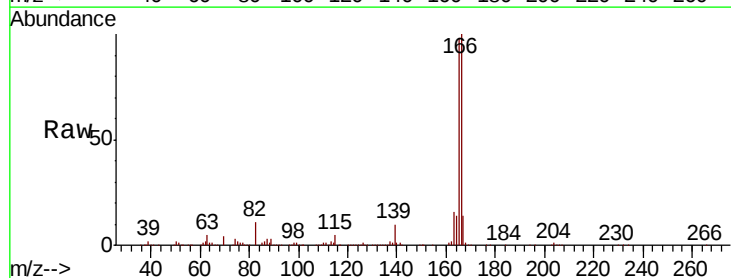
Manual Integrations
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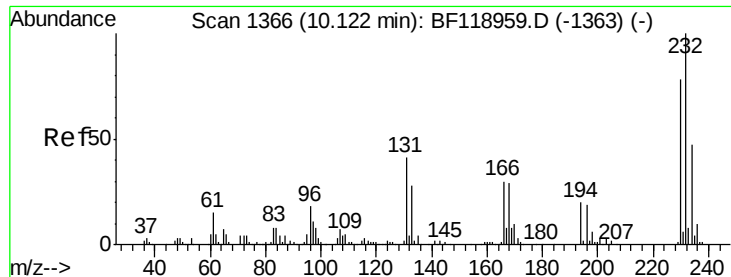
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#58
 Fluorene
 Concen: 46.604 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		886529		
165	98.2	78.5	117.7		
167	13.5	11.0	16.4		





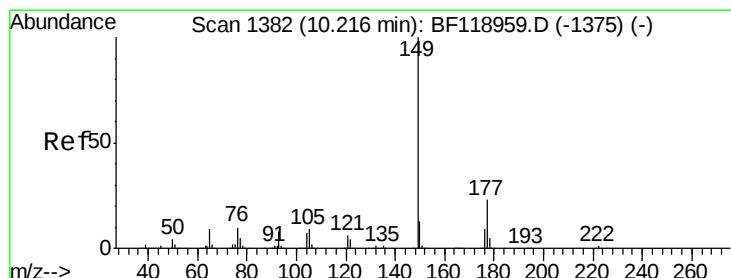
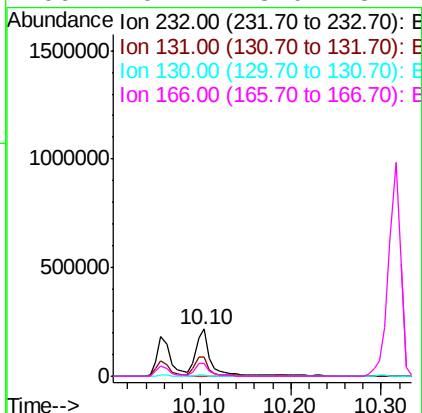
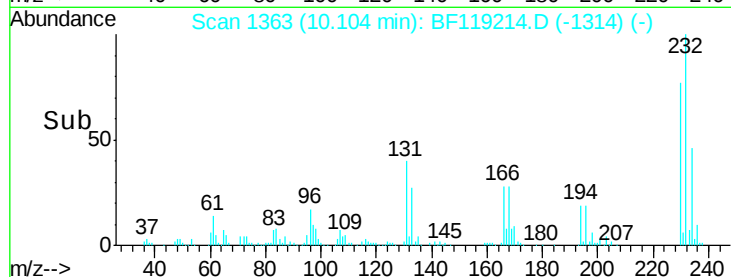
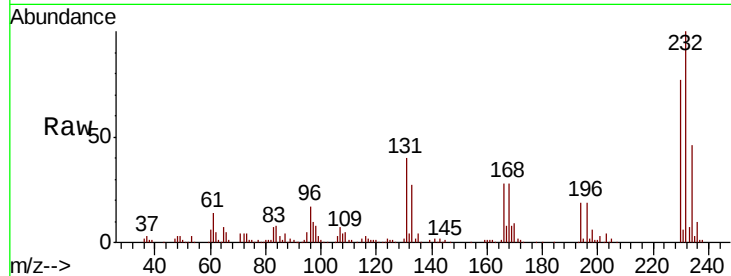
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.609 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	232274		
131	44.1		33.8	50.8
130	2.2		1.8	2.6
166	29.1		23.0	34.4

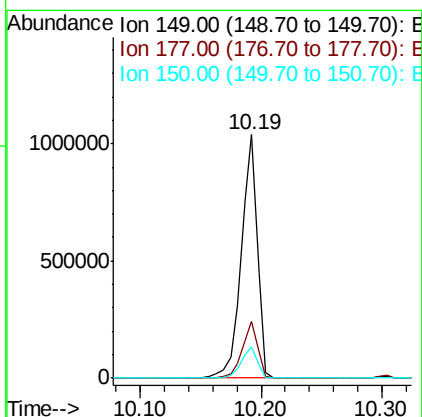
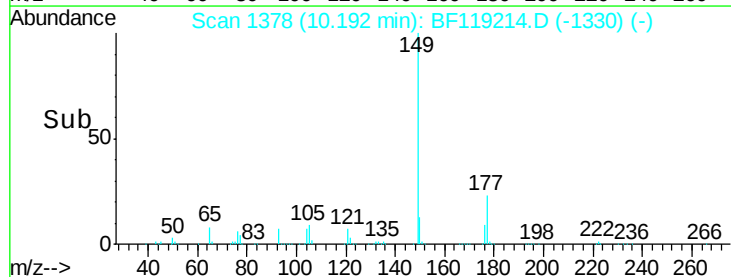
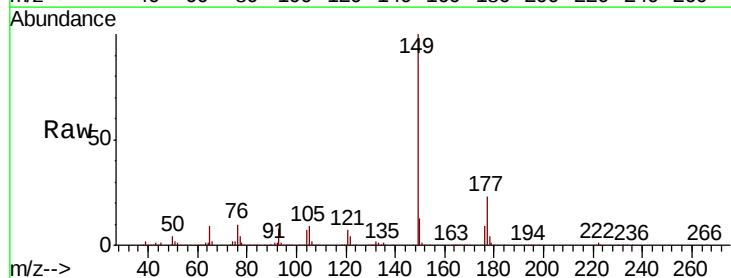
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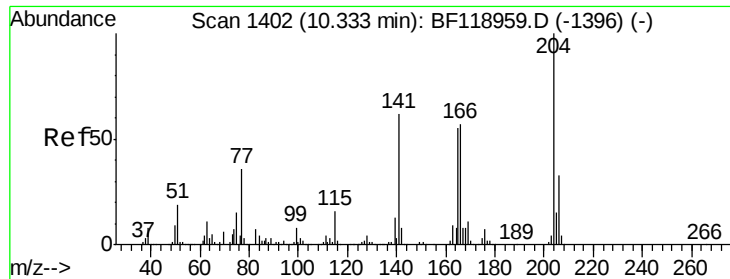
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#60
Diethylphthalate
Concen: 46.094 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	960465		
177	23.1		18.2	27.2
150	12.8		10.5	15.7





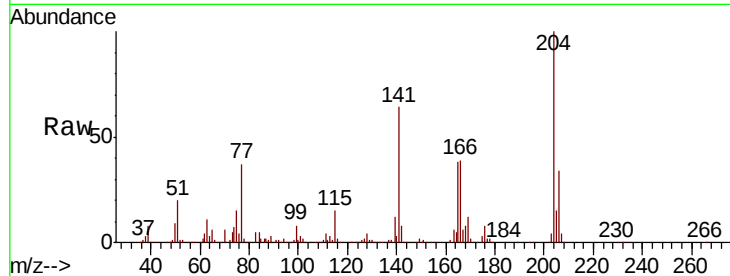
#61
4-Chlorophenyl-phenylether
Concen: 45.969 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

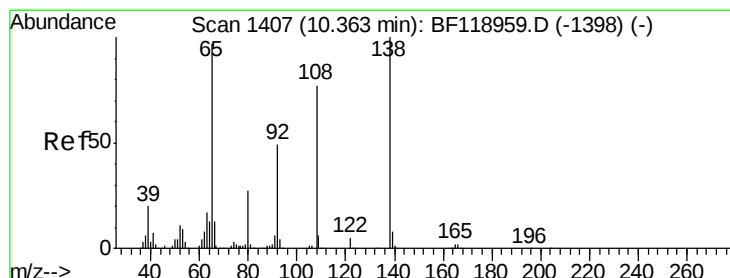
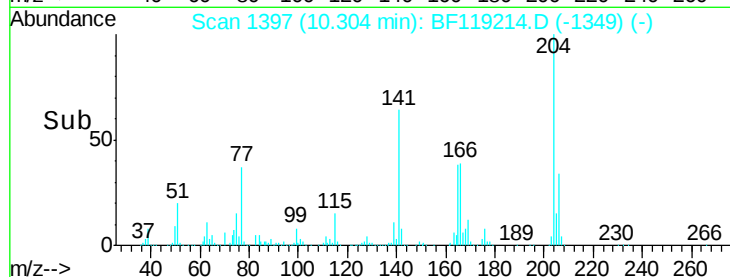
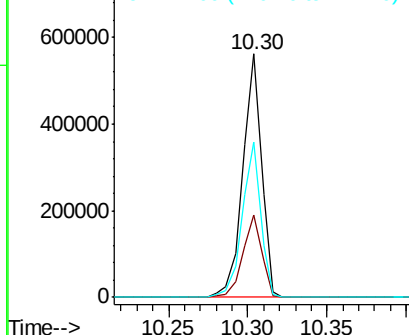
Tot Ion:	204	Resp:	462855
Ion Ratio		Lower	Upper
204	100		
206	33.8	27.1	40.7
141	63.8	52.9	79.3

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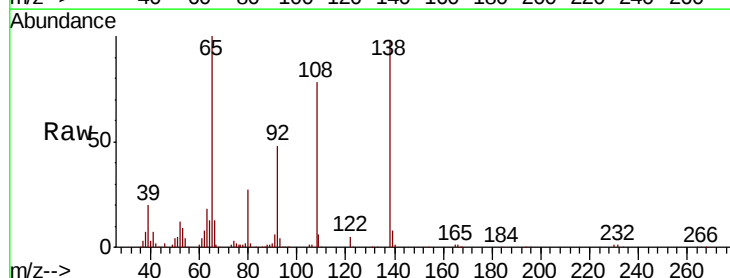


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

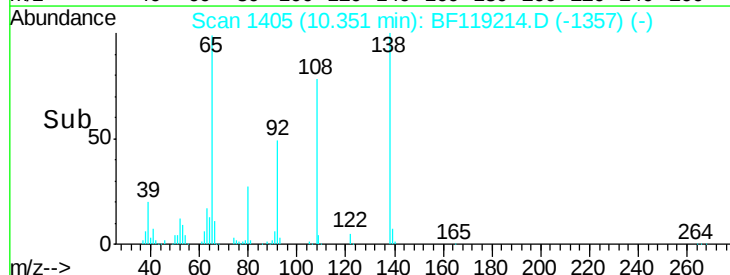
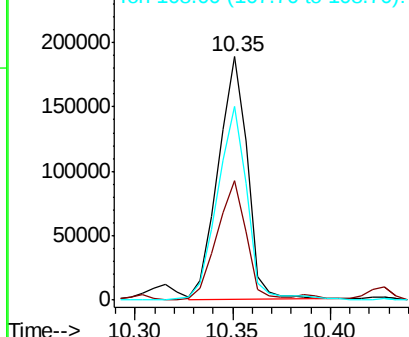


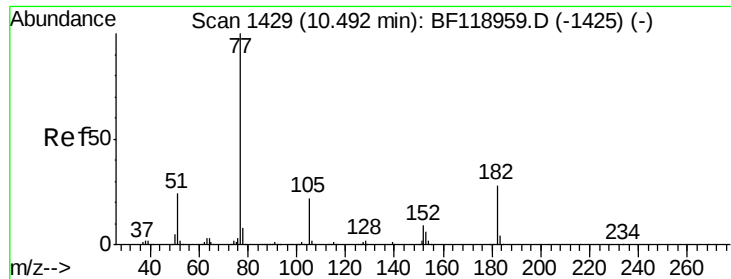
#62
4-Nitroaniline
Concen: 35.091 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:	138	Resp:	195527
Ion Ratio		Lower	Upper
138	100		
92	49.3	27.3	67.3
108	79.3	57.0	97.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





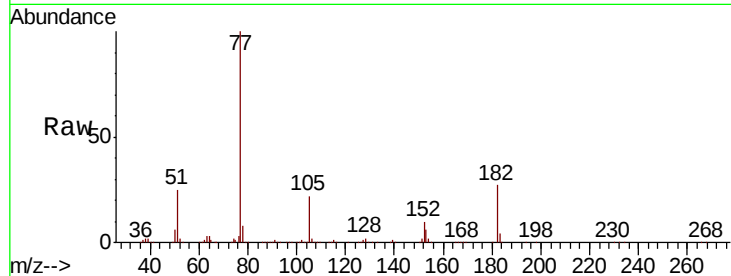
#63
Azobenzene
Concen: 47.256 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

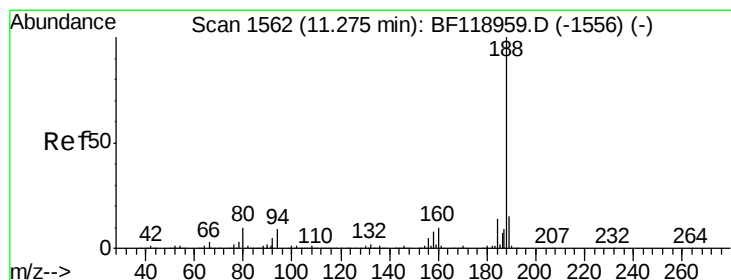
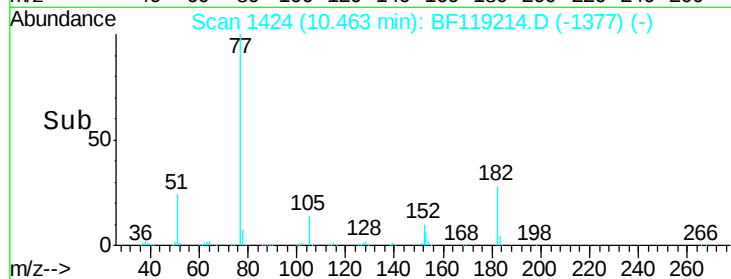
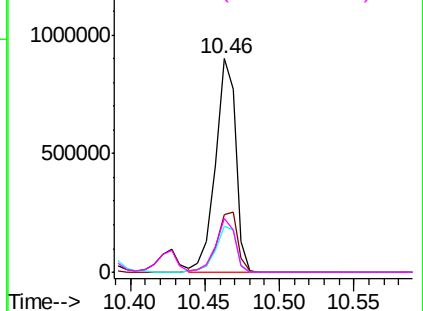
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	11.4	51.4	
105	21.7	3.4	43.4	
51	25.2	5.1	45.1	

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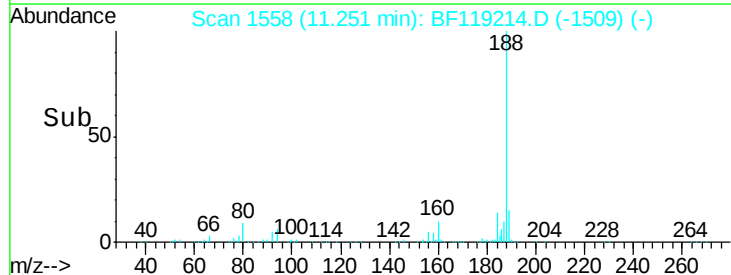
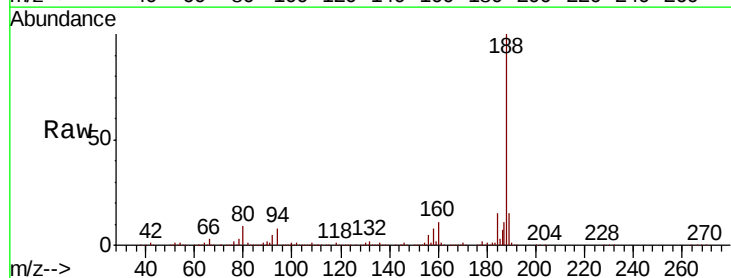
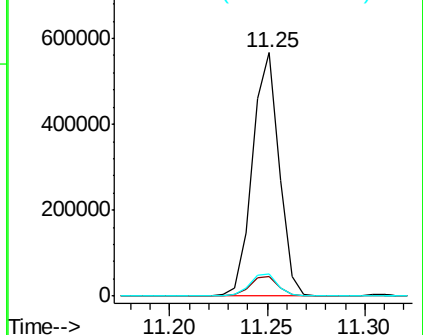
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

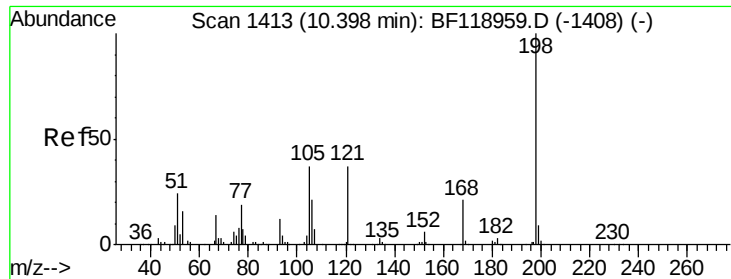


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.1	10.7	
80	9.0	7.8	11.8	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.389 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:198 Resp: 157175

Ion Ratio Lower Upper

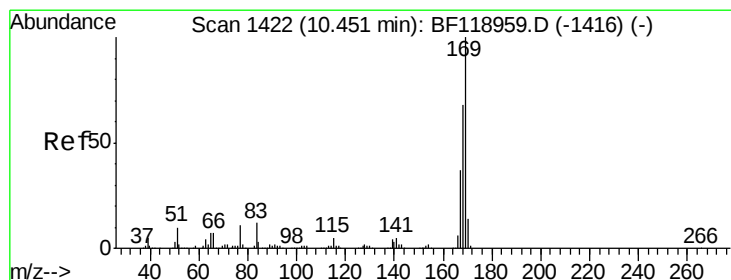
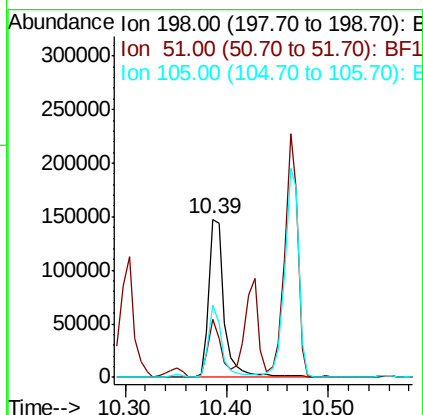
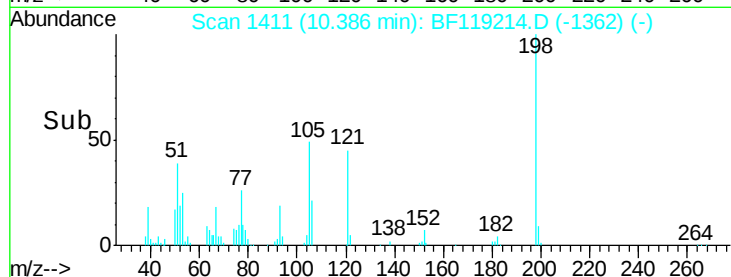
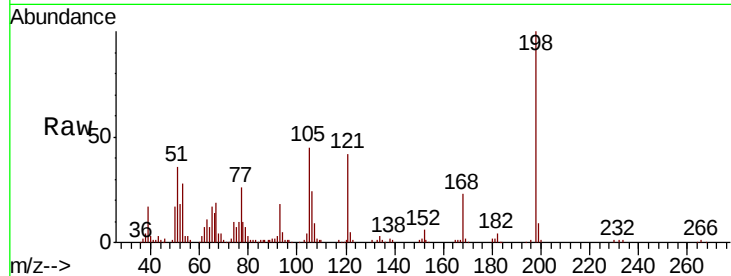
198 100

51 36.4 14.2 54.2

105 45.3 22.7 62.7

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#66

n-Nitrosodiphenylamine

Concen: 45.571 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

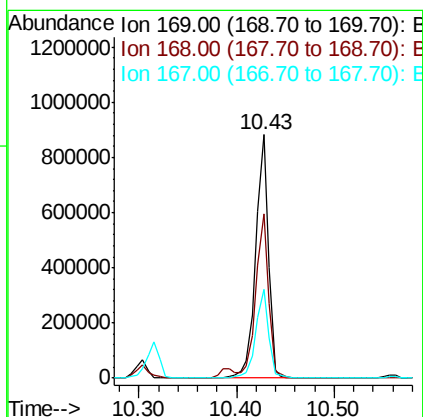
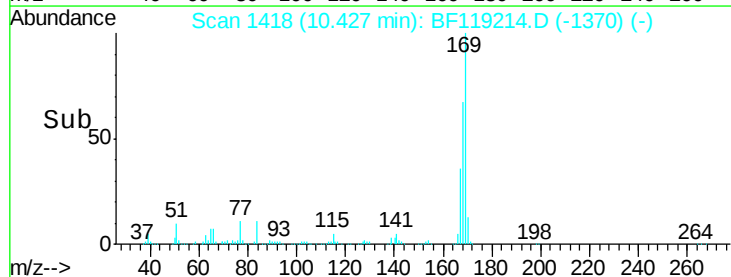
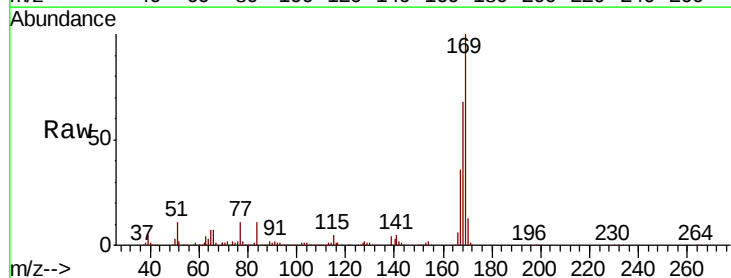
Tgt Ion:169 Resp: 800973

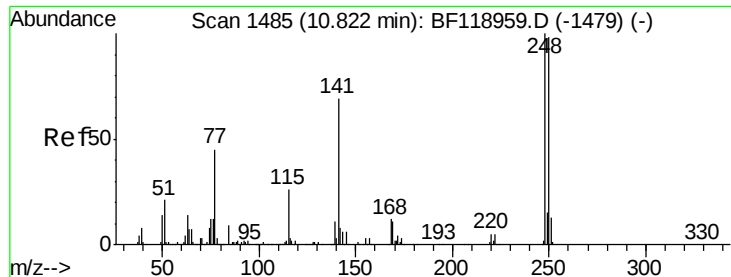
Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

167 36.3 29.4 44.0





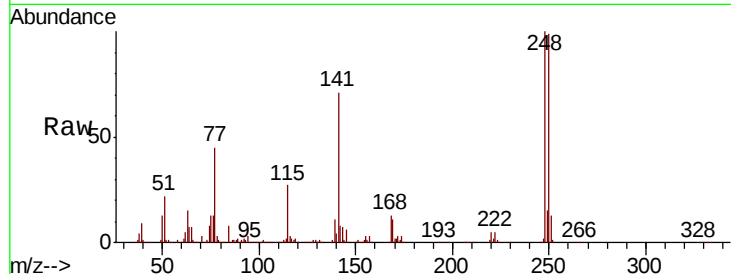
#67
4-Bromophenyl-phenylether
Concen: 43.735 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.7	115.1
141	71.1	60.7	91.1

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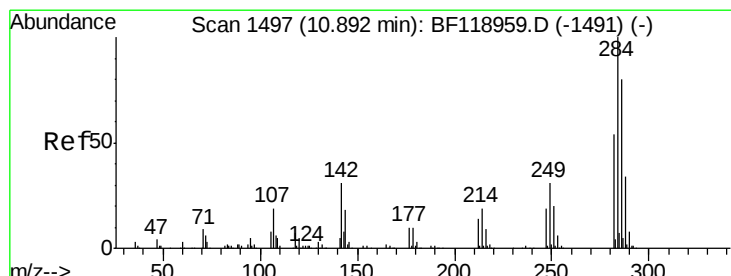
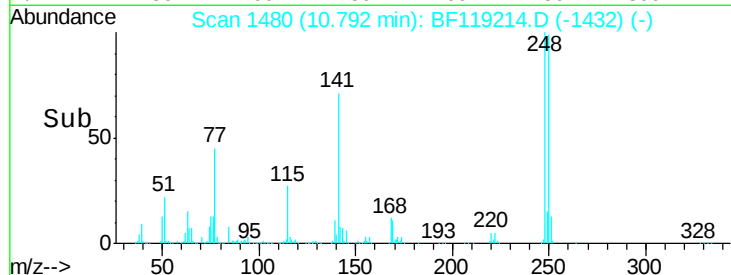
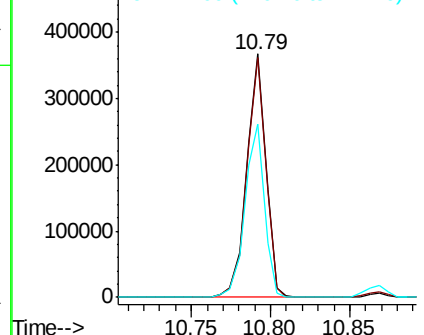


Abundance

Ion 248.00 (247.70 to 248.70): E

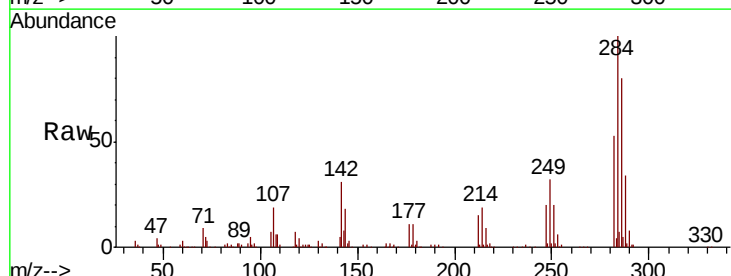
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.923 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.7	35.5
249	31.5	25.0	37.6

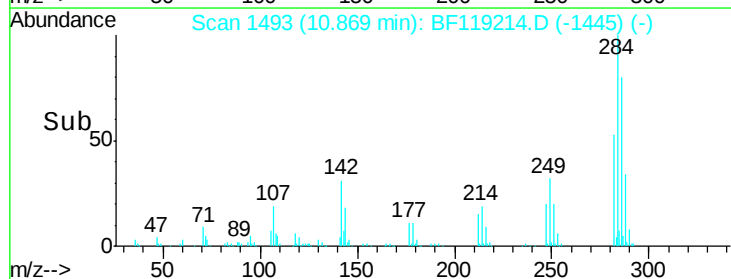
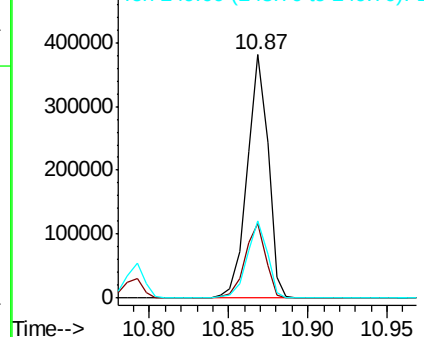


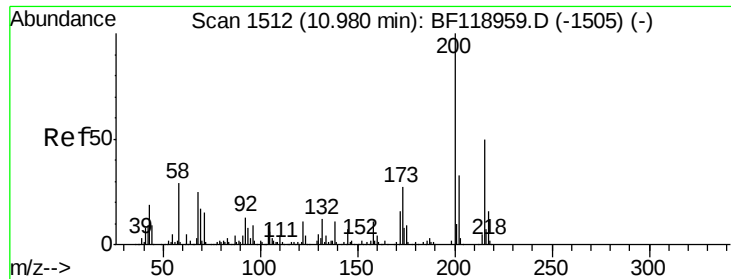
Abundance

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





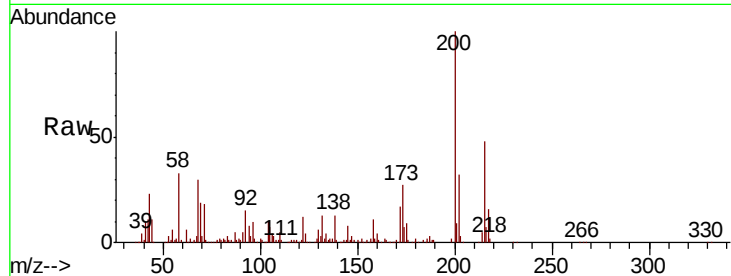
#69
Atrazine
Concen: 46.375 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	284790		
173	27.2	6.4	46.4	
215	48.2	27.4	67.4	

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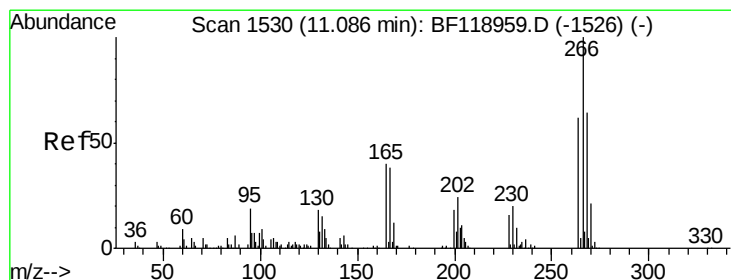
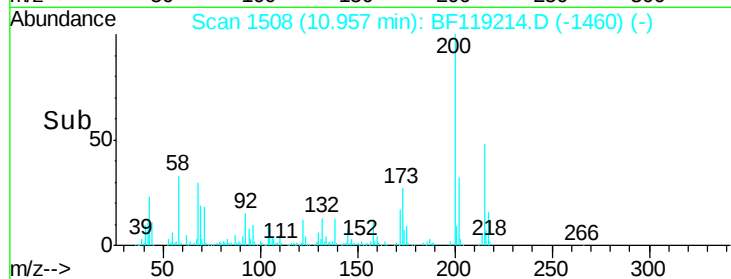
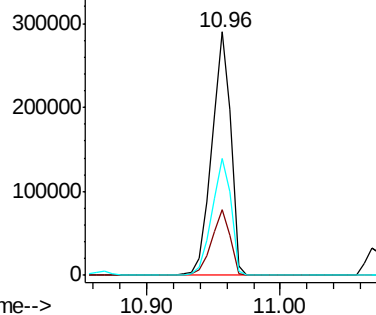


Abundance

Ion 200.00 (199.70 to 200.70): E

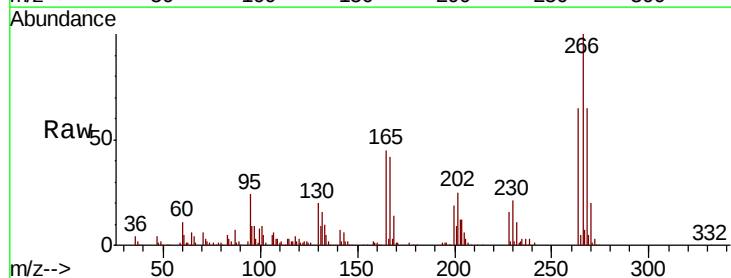
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.043 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	231509		
268	65.4	51.9	77.9	
264	64.6	51.0	76.4	

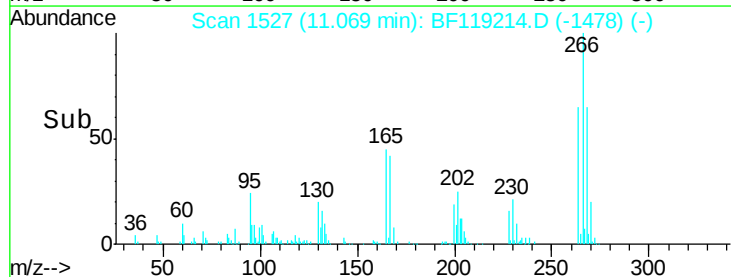
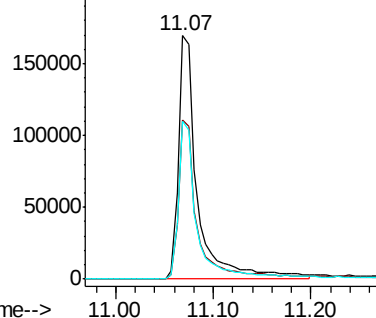


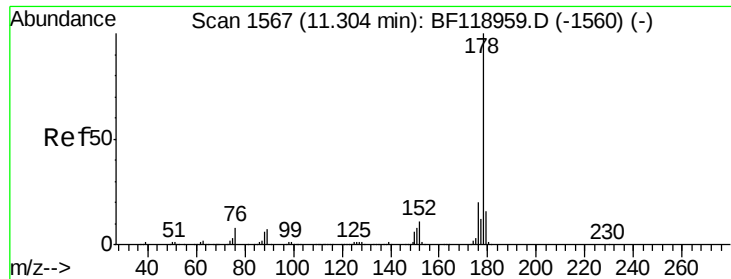
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.105 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:178 Resp: 1291115

Ion Ratio Lower Upper

178 100

176 19.6 16.5 24.7

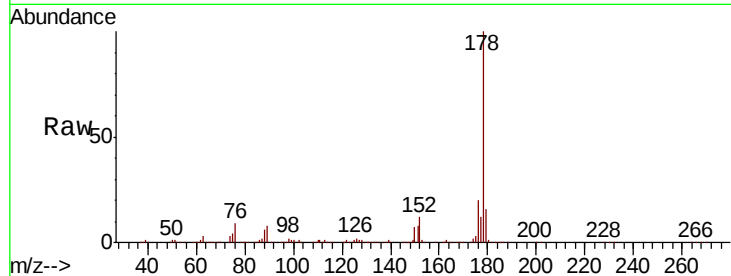
179 15.9 13.0 19.6

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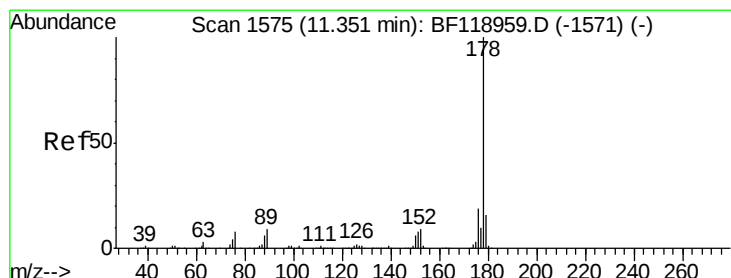
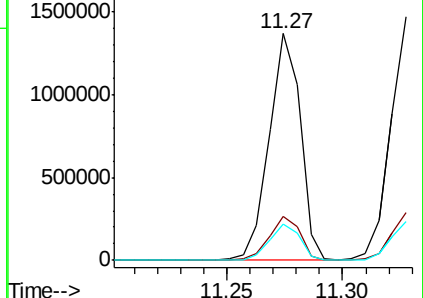
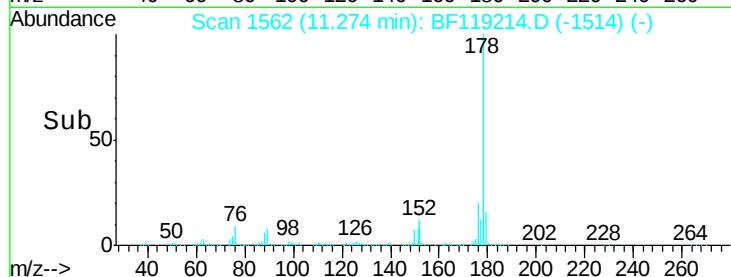
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.968 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

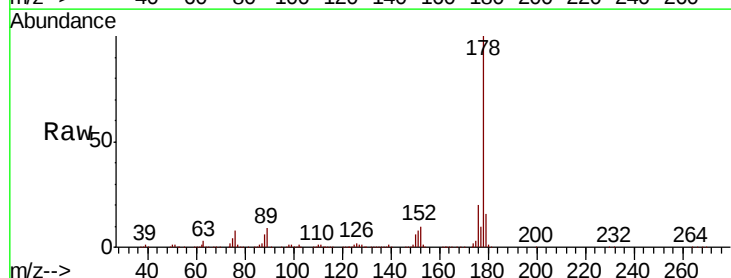
Tgt Ion:178 Resp: 1344547

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

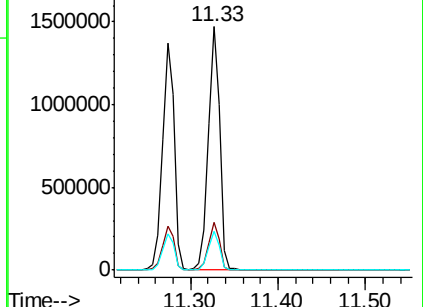
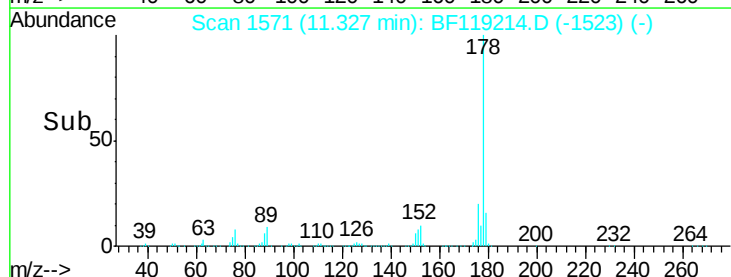
179 16.1 13.1 19.7

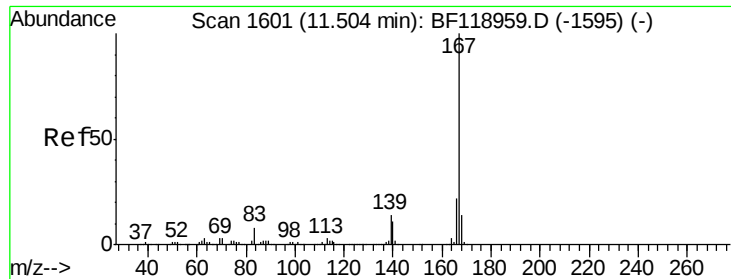


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





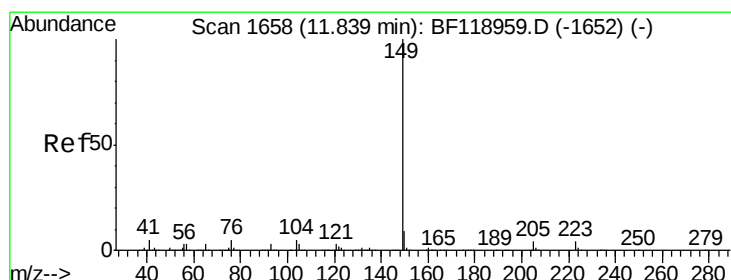
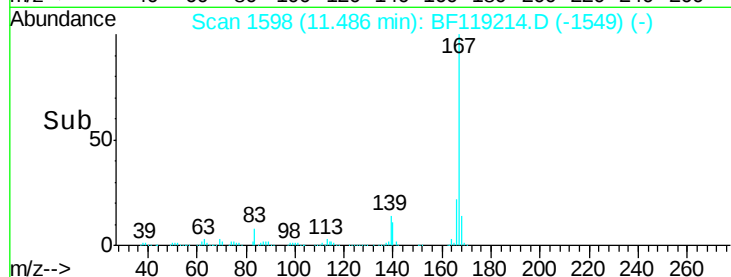
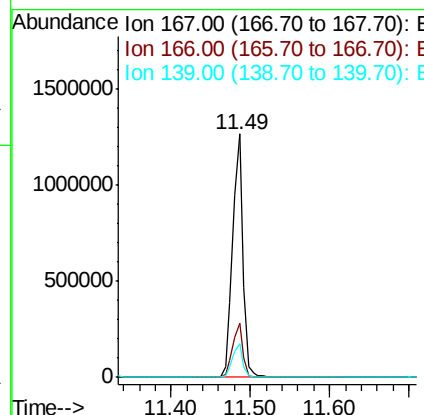
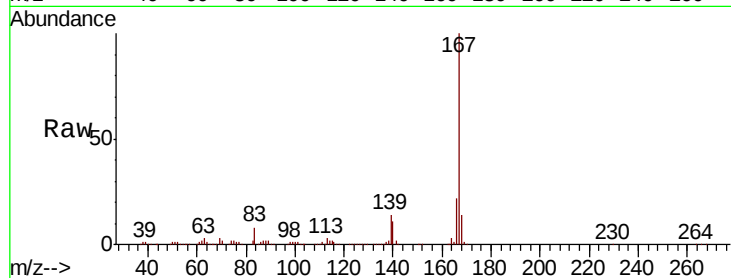
#73
 Carbazole
 Concen: 44.066 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.9	11.7	17.5

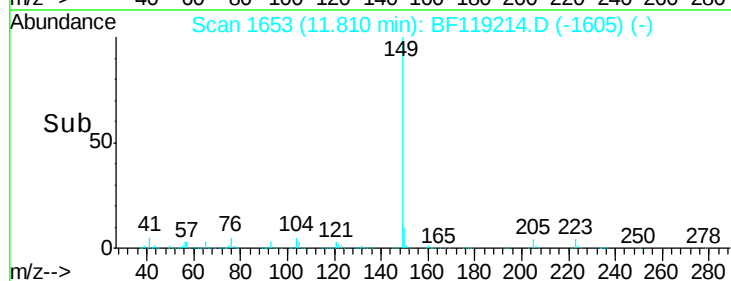
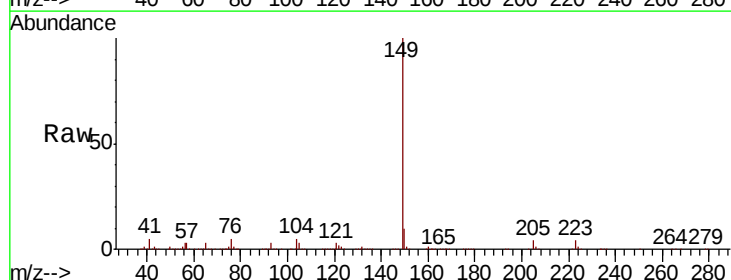
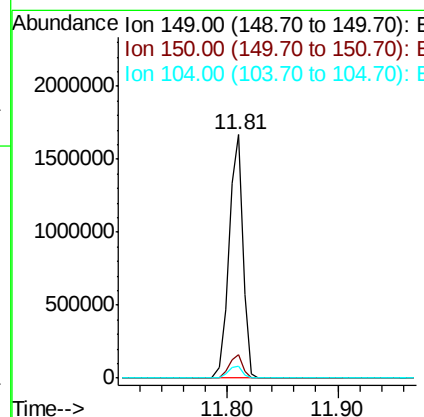
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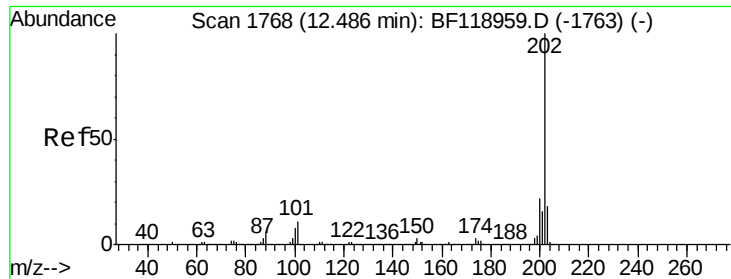
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#74
 Di-n-butylphthalate
 Concen: 46.794 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 44.136 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

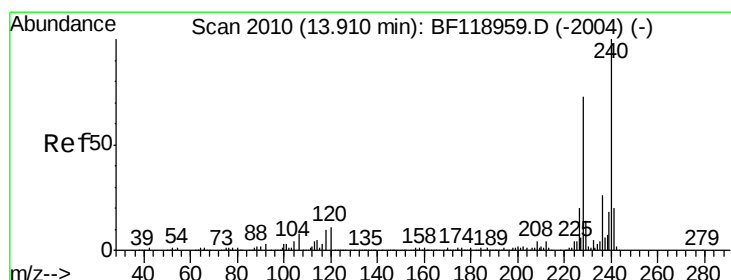
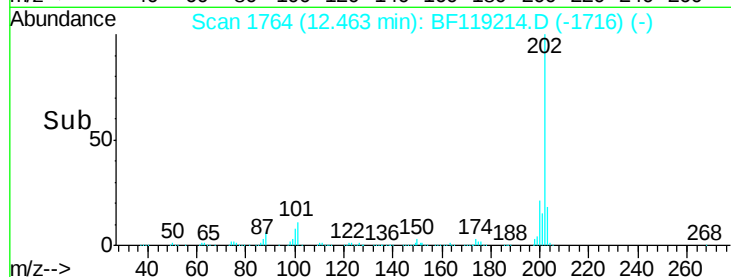
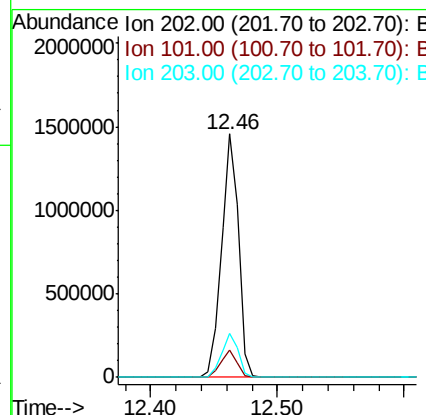
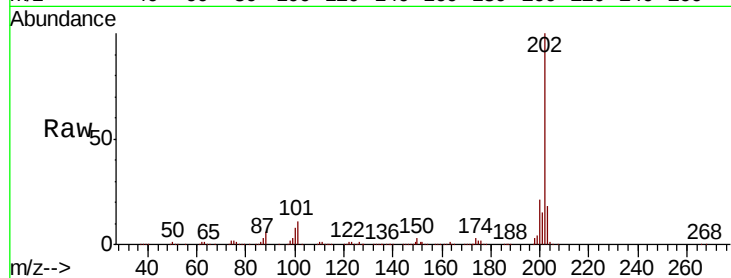
ClientSampleId :

PB127192BSD

Tot Ion:	202	Resp:	1371470
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

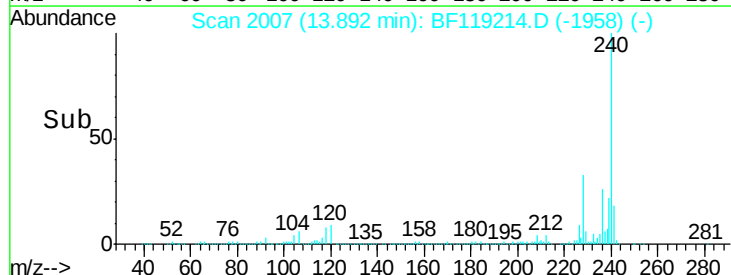
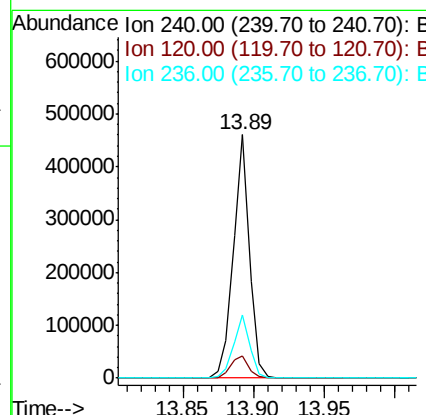
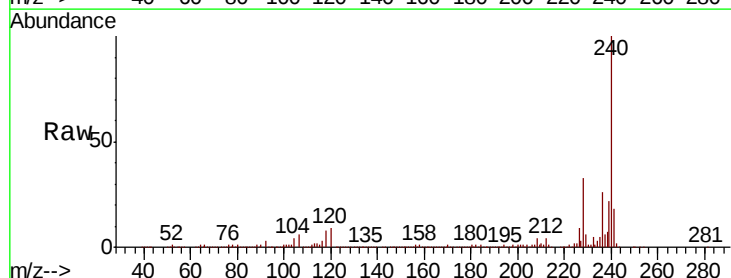
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion:	240	Resp:	365075
Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.9	21.0	31.4





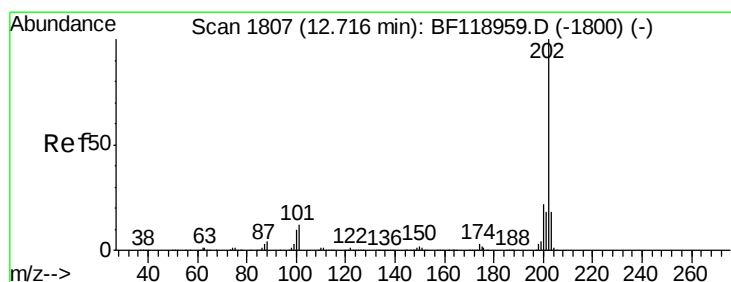
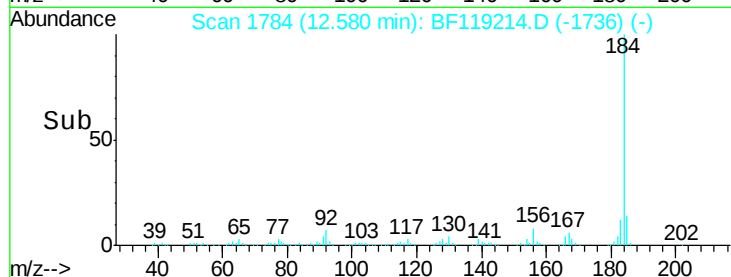
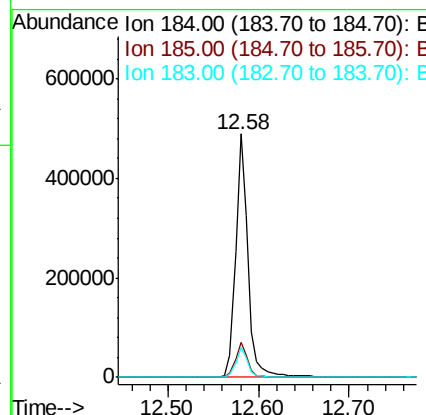
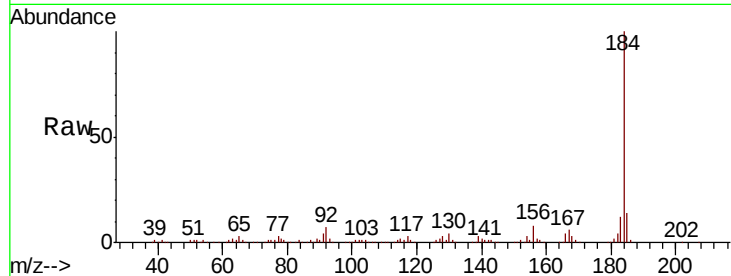
#77
Benzidine
Concen: 31.358 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.2	9.9	14.9

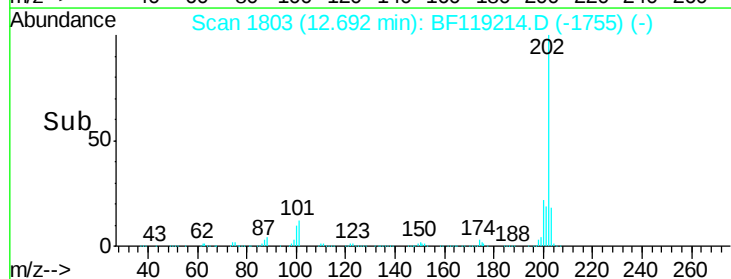
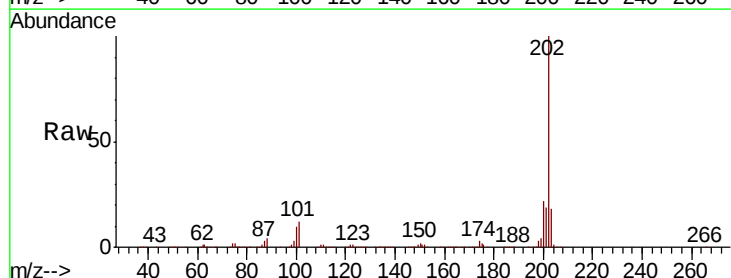
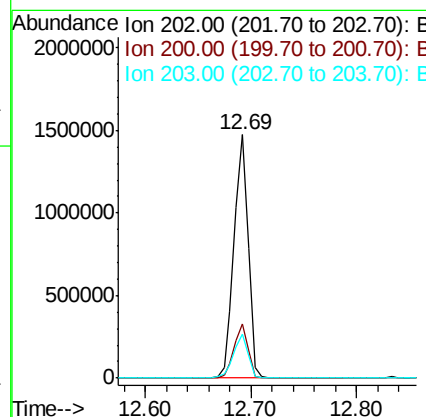
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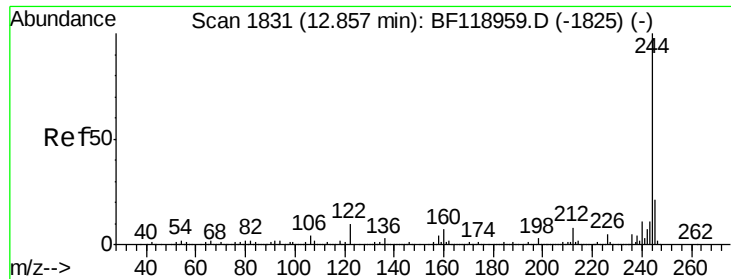
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#78
Pyrene
Concen: 46.510 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.0	27.0
203	18.0	14.6	22.0





#79

Terphenyl-d14

Concen: 82.605 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:244 Resp: 1751609

Ion Ratio Lower Upper

244 100

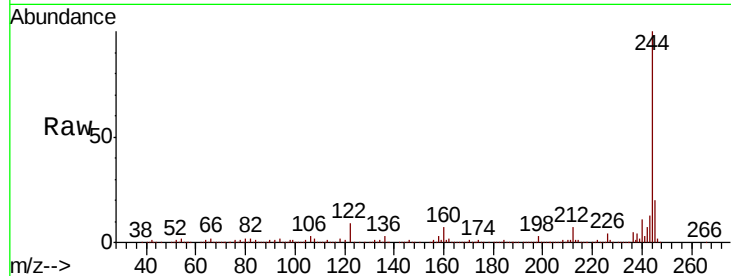
212 7.4 6.6 10.0

122 9.0 8.2 12.2

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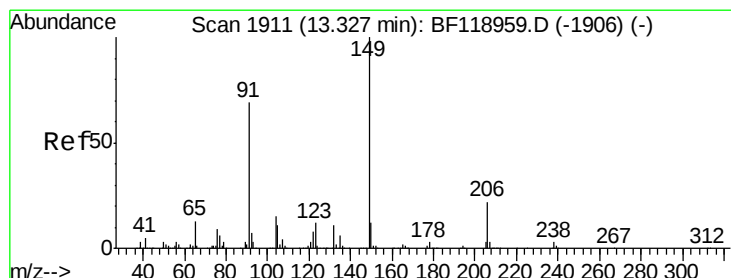
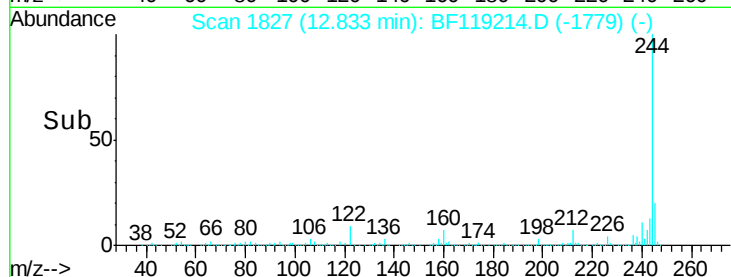
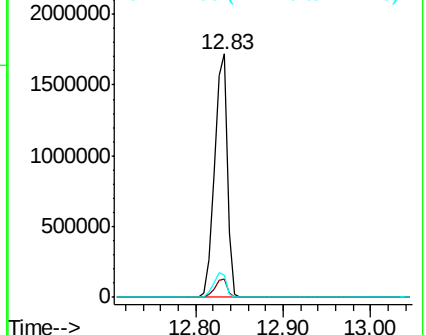
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.891 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

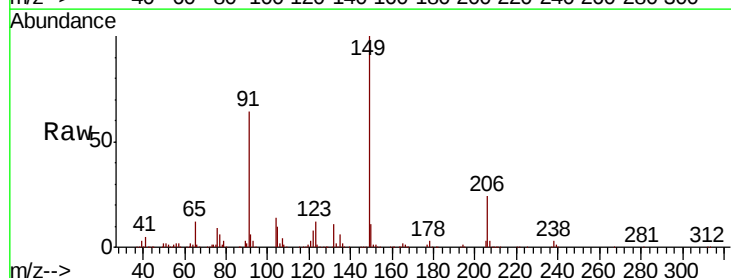
Tgt Ion:149 Resp: 603213

Ion Ratio Lower Upper

149 100

91 63.9 52.3 78.5

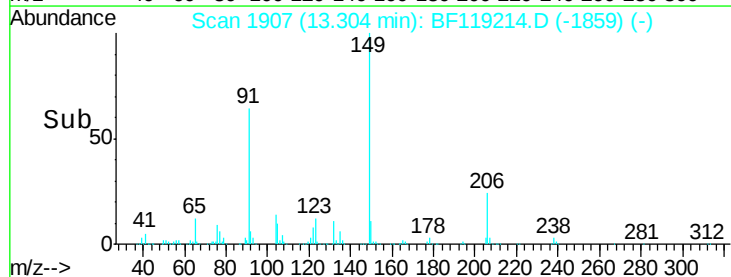
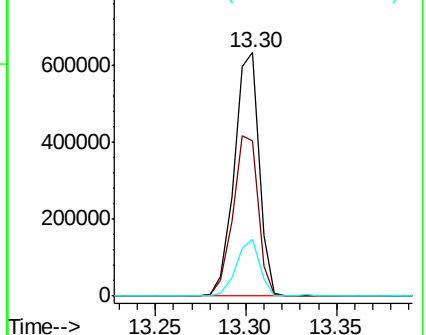
206 23.6 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





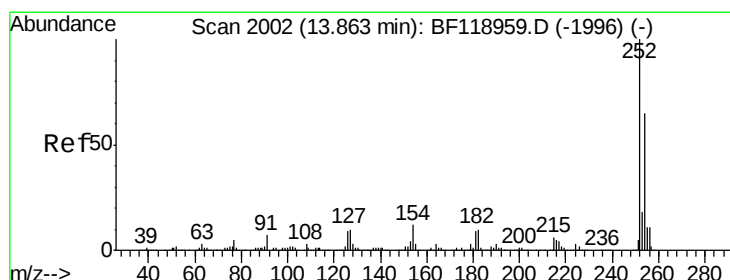
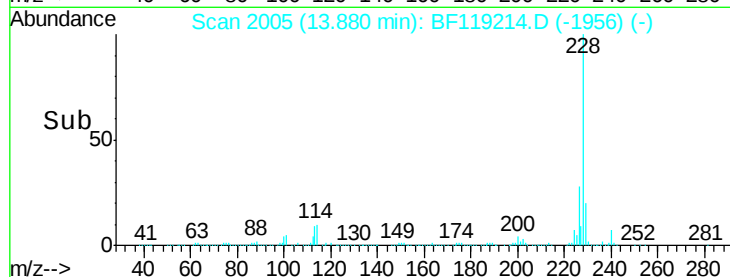
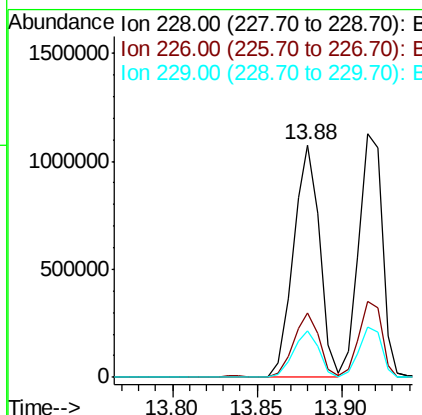
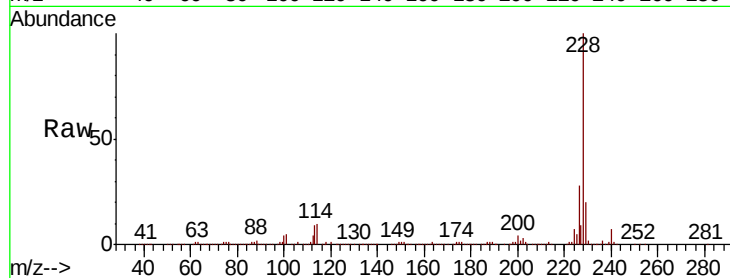
#81
Benzo(a)anthracene
Concen: 46.352 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.9	16.6	24.8

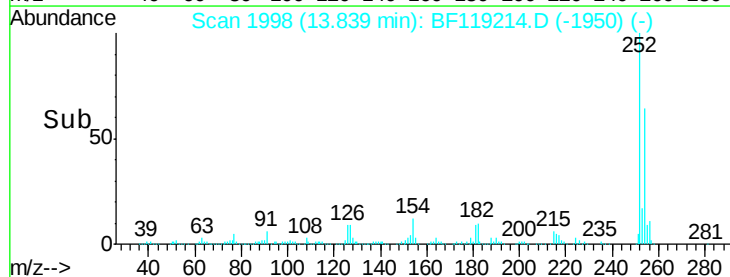
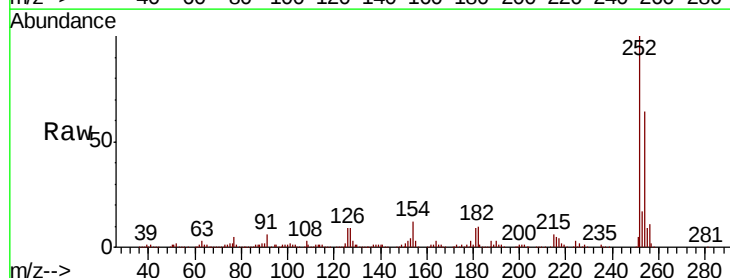
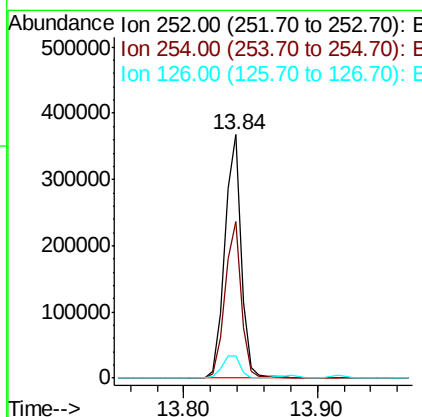
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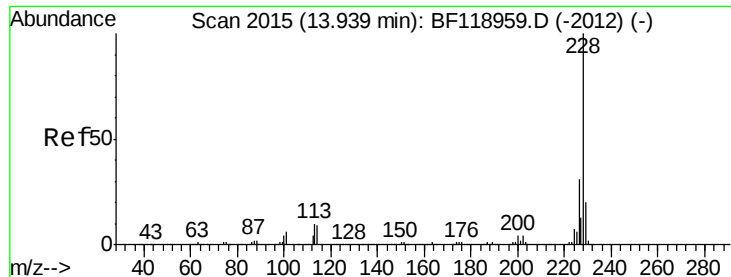
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#82
3,3'-Dichlorobenzidine
Concen: 33.296 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.6	77.4
126	8.9	7.4	11.0





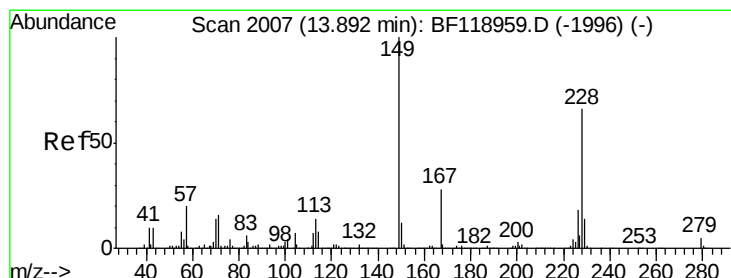
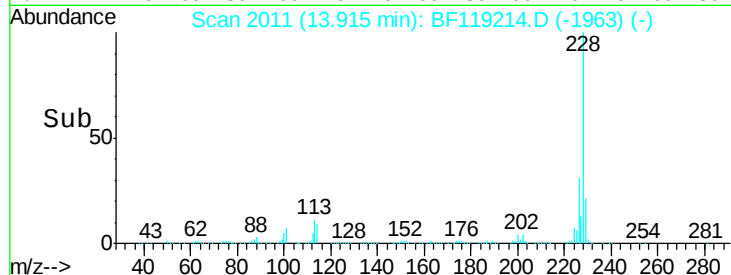
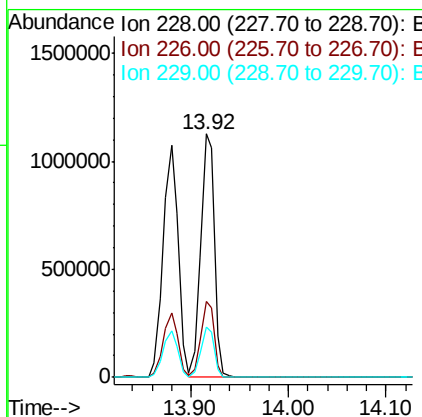
#83
 Chrvsene
 Concen: 43.954 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BSD

Tot Ion:228 Resp: 1089444
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.5 16.3 24.5

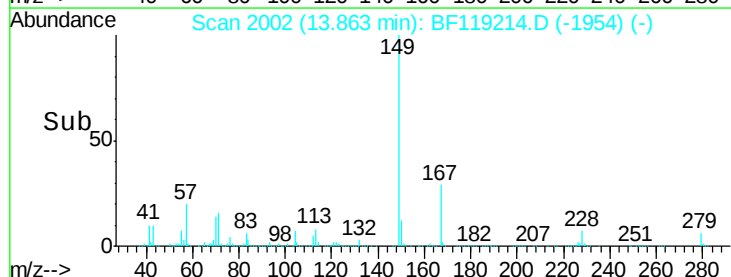
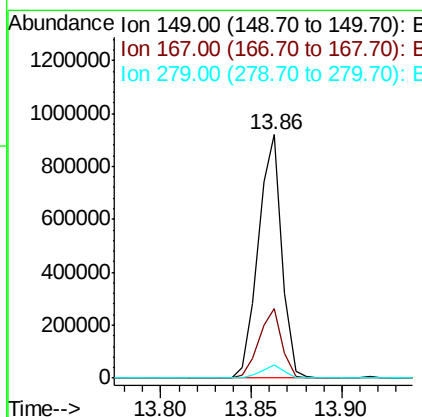
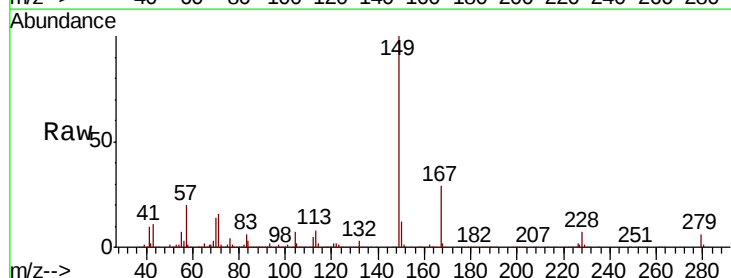
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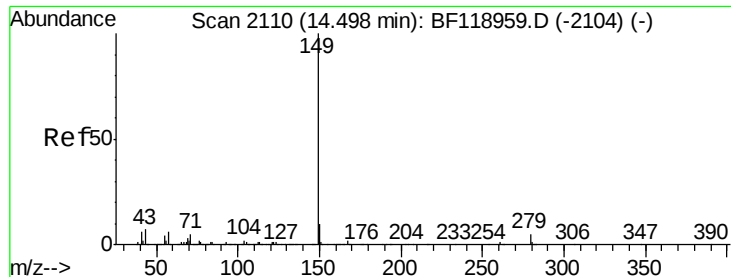
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.177 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:149 Resp: 828886
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.8 34.2
 279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 51.304 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB127192BSD

Tot Ion:149 Resp: 1274146

Ion Ratio Lower Upper

149 100

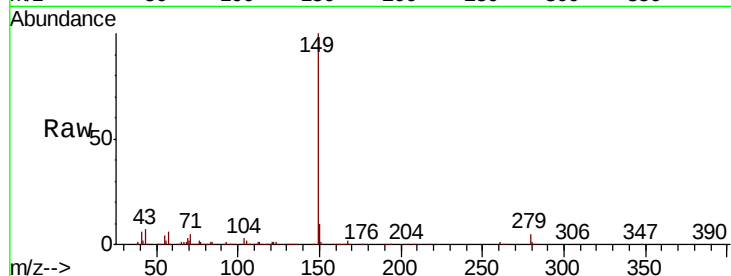
167 1.7 1.3 1.9

43 6.6 5.7 8.5

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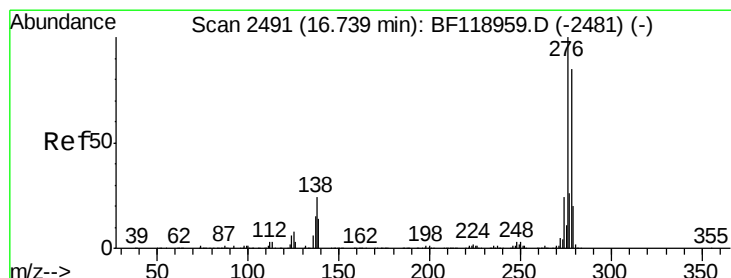
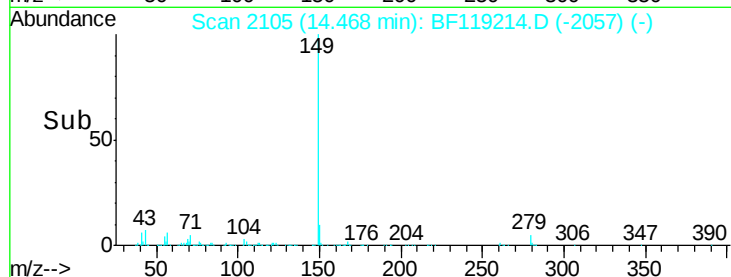
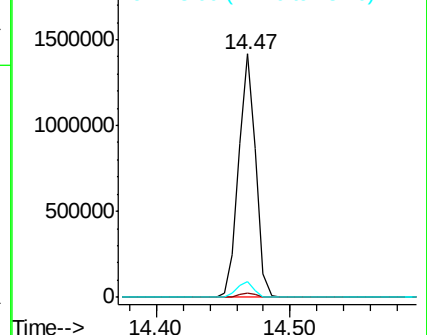
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.002 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

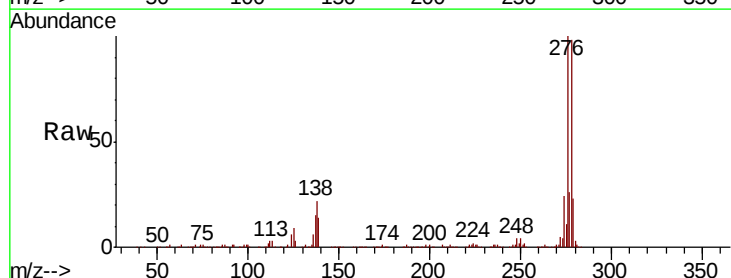
Tgt Ion:276 Resp: 912030

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

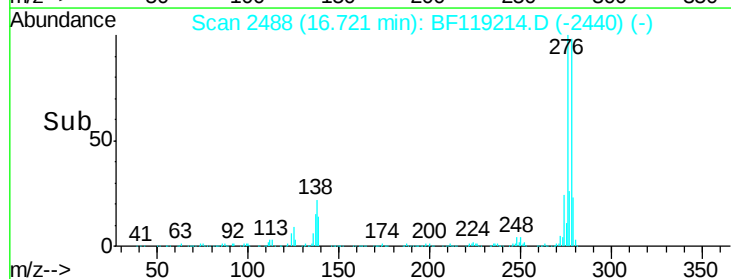
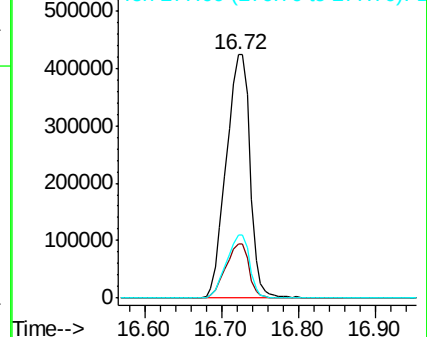
277 25.5 20.3 30.5

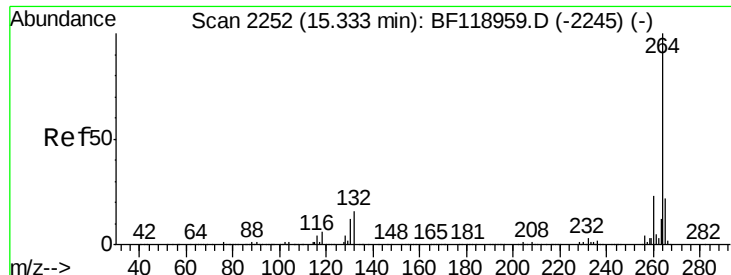


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





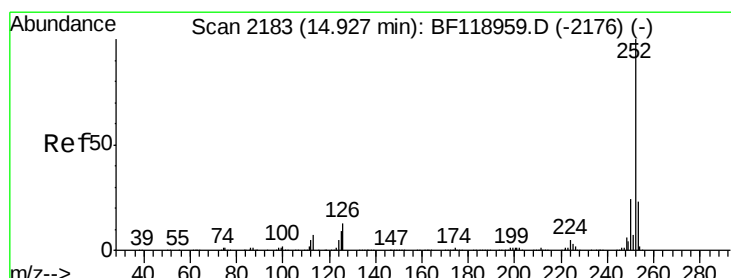
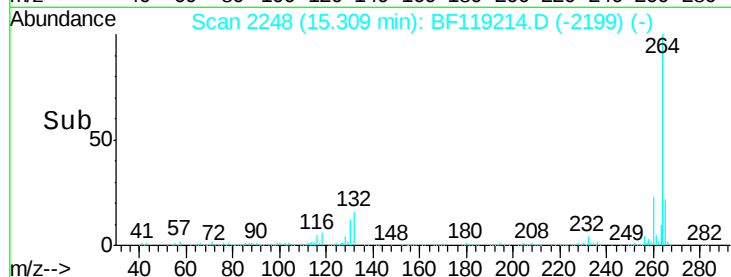
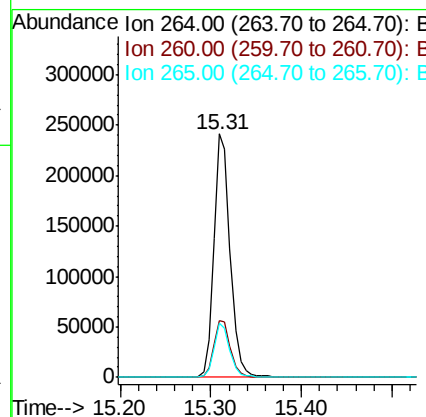
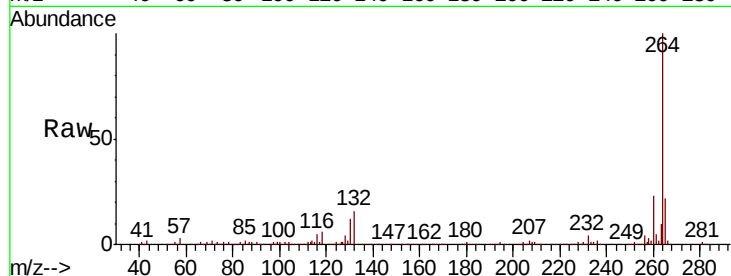
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.0	17.7	26.5

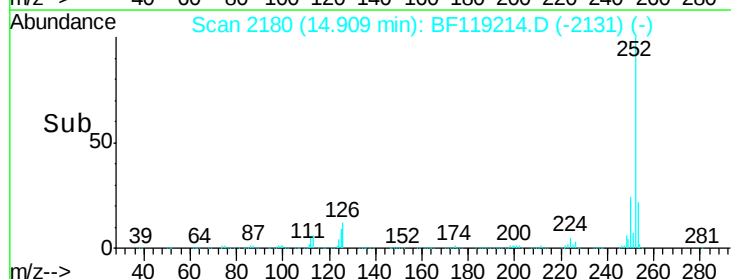
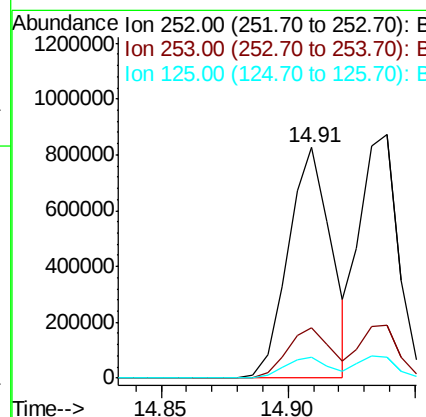
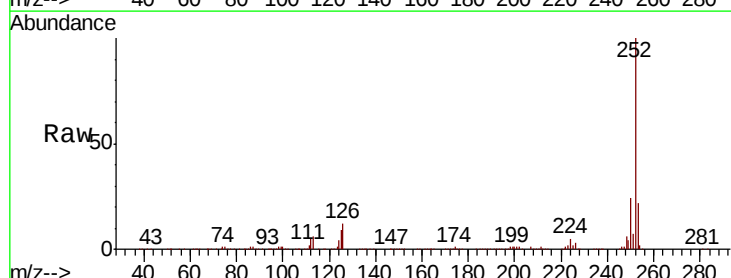
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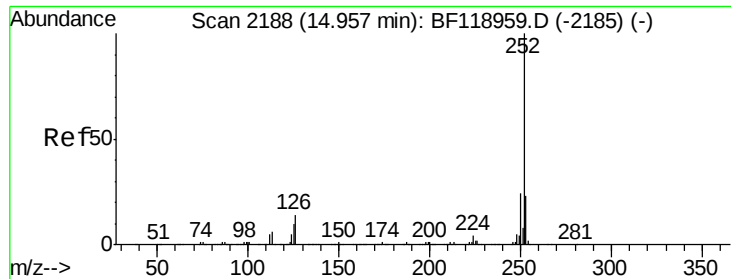
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#88
Benzo(b)fluoranthene
Concen: 48.807 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.9	7.4	11.0





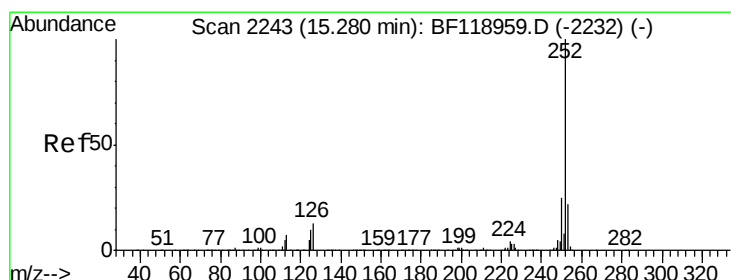
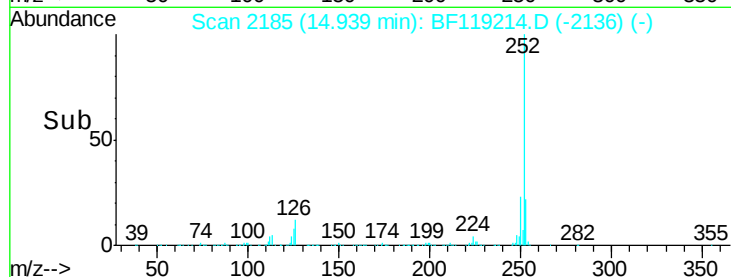
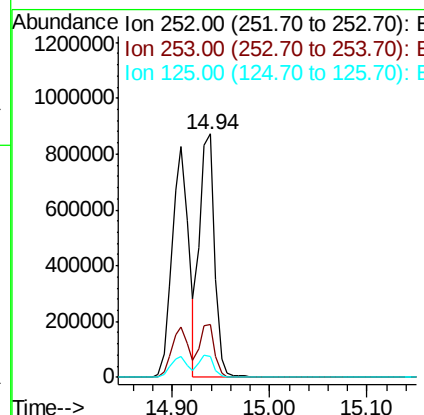
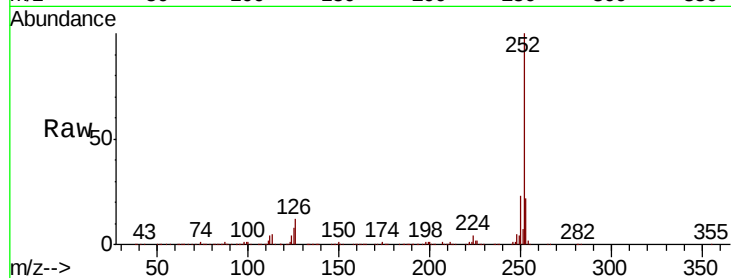
#89
Benzo(k)fluoranthene
Concen: 50.177 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.4	7.5	11.3

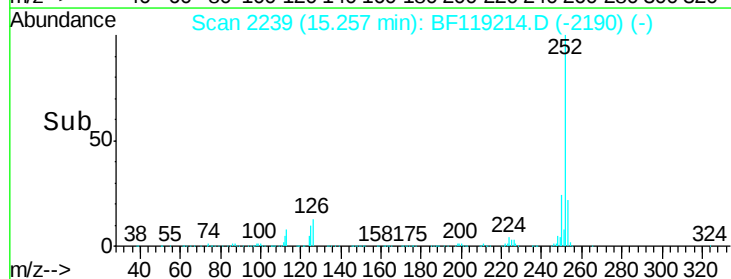
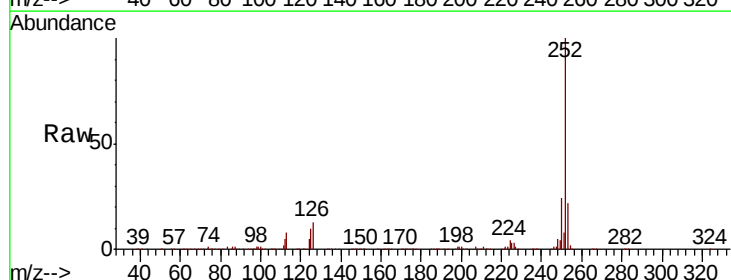
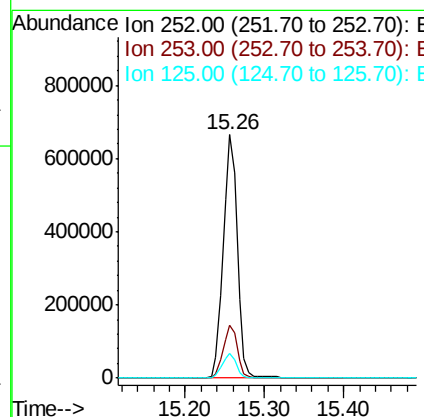
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#90
Benzo(a)pyrene
Concen: 45.487 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.1	8.6	12.8





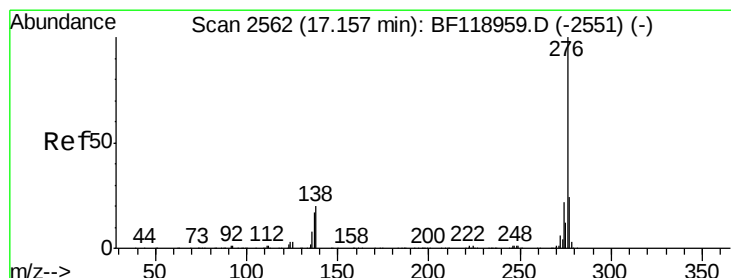
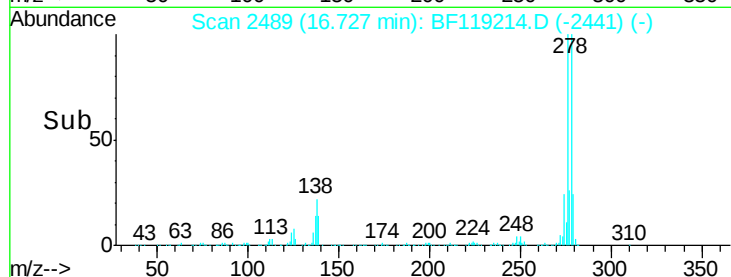
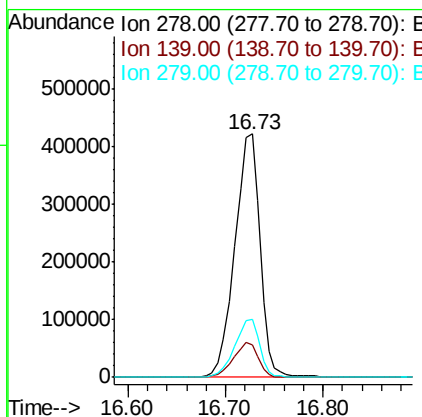
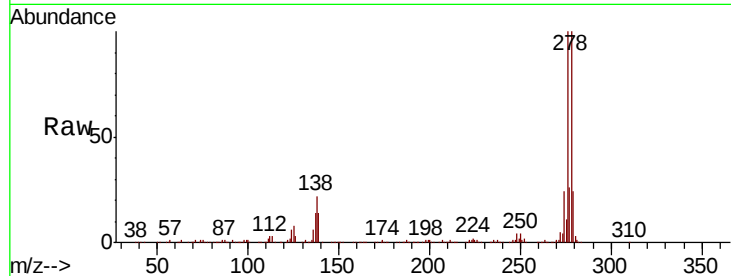
#91
Dibenzo(a,h)anthracene
Concen: 48.023 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.690 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.8	14.3	21.5

