

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119567.D
 Acq On : 27 Mar 2020 14:29
 Operator : CG/JU
 Sample : PB127823BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Manual Integrations
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mohammad
 3/30/2020 8:51:11 AM

Quant Time: Mar 27 15:05:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	256895	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1010652	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	546200	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1064359	20.00	ng	0.00
76) Chrysene-d12	14.02	240	748614	20.00	ng	0.00
87) Perylene-d12	15.47	264	672587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1304435	80.83	ng	0.01
7) Phenol-d6	6.46	99	1669863	81.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	1491204	80.19	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	518223	91.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2867722	77.78	ng	0.00
79) Terphenyl-d14	12.96	244	3290347	86.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	243151	30.507	ng	99
3) Pyridine	3.39	79	604951	27.551	ng	99
4) n-Nitrosodimethylamine	3.35	42	379713	35.461	ng	97
6) Aniline	6.49	93	840245	29.533	ng	99
8) 2-Chlorophenol	6.62	128	759647	44.819	ng	99
9) Benzaldehyde	6.38	77	490225	37.487	ng	98
10) Phenol	6.47	94	967575	43.988	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	707878	40.238	ng	99
12) 1,3-Dichlorobenzene	6.77	146	744163	40.567	ng	98
13) 1,4-Dichlorobenzene	6.85	146	754956	41.145	ng	98
14) 1,2-Dichlorobenzene	7.00	146	709617	41.376	ng	98
15) Benzyl Alcohol	6.97	79	662591	42.729	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1362907	38.408	ng	99
17) 2-Methylphenol	7.09	107	621686	40.033	ng	97
18) Hexachloroethane	7.35	117	286492	42.606	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	520466	41.887	ng	98
20) 3+4-Methylphenols	7.24	107	754063	39.621	ng	# 84
22) Acetophenone	7.25	105	978794	40.531	ng	95
24) Nitrobenzene	7.42	77	788097	39.656	ng	99
25) Isophorone	7.66	82	1483150	39.317	ng	99
26) 2-Nitrophenol	7.73	139	403858	51.612	ng	96
27) 2,4-Dimethylphenol	7.77	122	706715	43.679	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	928909	41.643	ng	99
29) 2,4-Dichlorophenol	7.97	162	641959	43.181	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	676383	41.139	ng	98
31) Naphthalene	8.15	128	2130136	40.957	ng	99
32) Benzoic acid	7.90	122	501623	48.197	ng	97
33) 4-Chloroaniline	8.19	127	476799	20.007	ng	100
34) Hexachlorobutadiene	8.26	225	380583	41.372	ng	99
35) Caprolactam	8.56	113	202278m	41.574	ng	
36) 4-Chloro-3-methylphenol	8.67	107	702840	43.255	ng	99
37) 2-Methylnaphthalene	8.83	142	1475039	43.214	ng	100
38) 1-Methylnaphthalene	8.93	142	1401600	43.383	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	630873	39.406	ng	98

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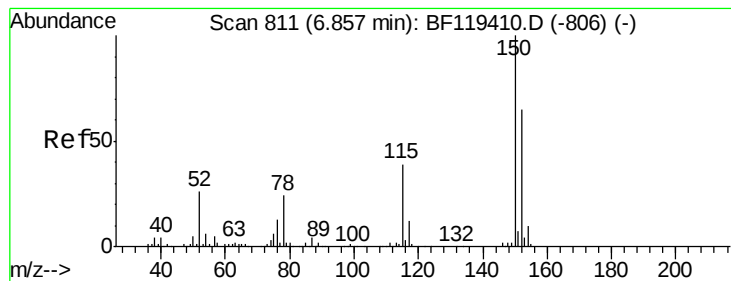
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	793475	87.179	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	485691	42.393	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	518244	40.380	nq	99
46) 1,1'-Biphenyl	9.30	154	1780717	40.029	nq	99
47) 2-Chloronaphthalene	9.33	162	1373310	39.411	nq	99
48) 2-Nitroaniline	9.42	65	515001	42.819	nq	95
49) Acenaphthylene	9.75	152	2246713	41.058	nq	98
50) Dimethylphthalate	9.60	163	1654676	42.650	nq	99
51) 2,6-Dinitrotoluene	9.66	165	370122	44.508	nq	90
52) Acenaphthene	9.92	154	1496971	43.882	nq	99
53) 3-Nitroaniline	9.83	138	264533	25.197	nq	98
54) 2,4-Dinitrophenol	9.94	184	340841	93.384	nq	96
55) Dibenzofuran	10.09	168	1995899	40.808	nq	98
56) 4-Nitrophenol	9.99	139	645092	77.890	nq	99
57) 2,4-Dinitrotoluene	10.07	165	501051	47.830	nq	94
58) Fluorene	10.43	166	1516291	41.923	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	427809	44.594	nq	99
60) Diethylphthalate	10.30	149	1723562	43.771	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	739204	41.794	nq	97
62) 4-Nitroaniline	10.45	138	393115	39.048	nq	97
63) Azobenzene	10.59	77	1629606	41.097	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	235610	52.790	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1409525	40.340	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	489499	40.382	nq	93
68) Hexachlorobenzene	10.98	284	524228	42.255	nq	94
69) Atrazine	11.07	200	442439	46.188	nq	99
70) Pentachlorophenol	11.17	266	575896	79.167	nq	97
71) Phenanthrene	11.39	178	2216923	40.169	nq	100
72) Anthracene	11.44	178	2283971	40.719	nq	99
73) Carbazole	11.60	167	2098979	37.806	nq	99
74) Di-n-butylphthalate	11.93	149	2711166	45.649	nq	99
75) Fluoranthene	12.58	202	2414168	40.419	nq	99
77) Benzidine	12.70	184	1201383	37.921	nq	98
78) Pyrene	12.81	202	2443995	39.780	nq	100
80) Butylbenzylphthalate	13.43	149	1146866	46.154	nq	97
81) Benzo(a)anthracene	14.00	228	1941072	39.873	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	475676	24.782	nq	99
83) Chrysene	14.04	228	1949467	38.802	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1490678	50.323	nq	# 97
85) Di-n-octyl phthalate	14.61	149	2638270	50.642	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1717344	36.294	nq	100
88) Benzo(b)fluoranthene	15.04	252	1902291	42.340	nq	98
89) Benzo(k)fluoranthene	15.08	252	1740890	40.693	nq	99
90) Benzo(a)pyrene	15.42	252	1611562	39.469	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	1435911	40.207	nq	99
92) Benzo(g,h,i)perylene	17.39	276	1429390	39.840	nq	98

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



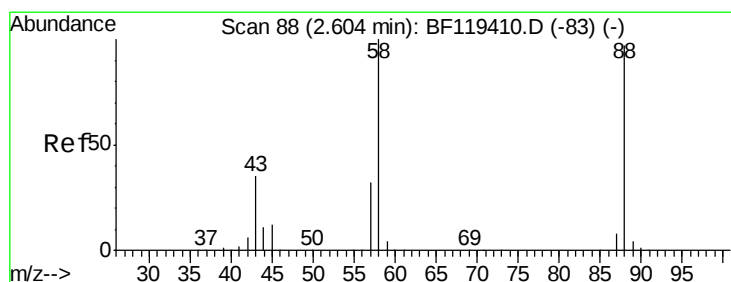
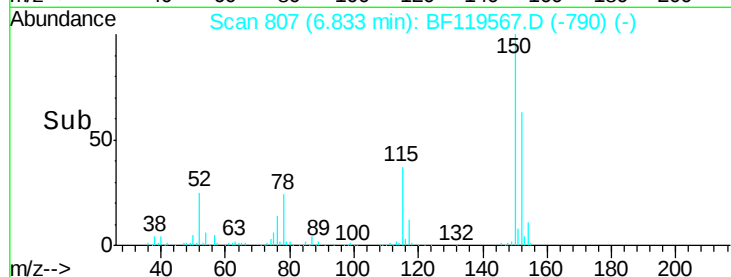
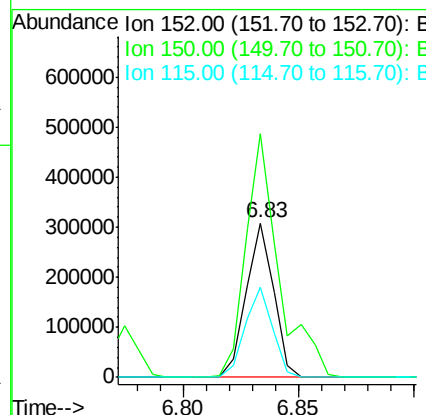
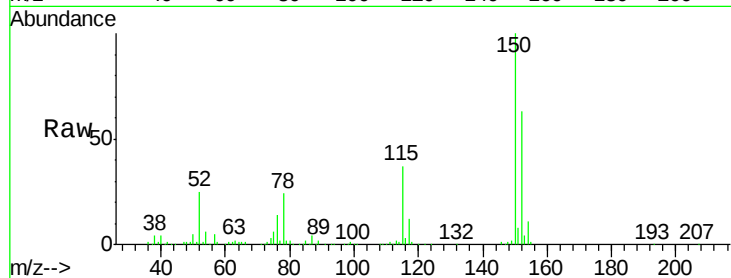
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.5	186.7
115	58.4	49.6	74.4

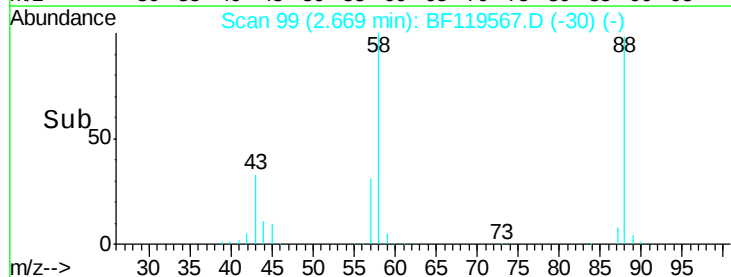
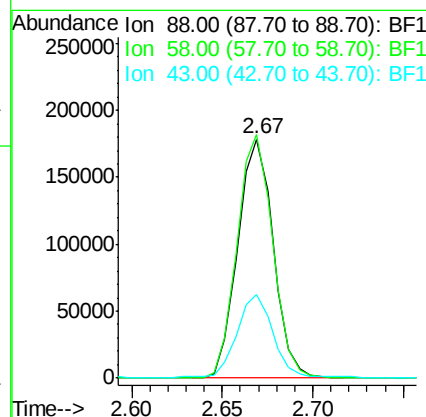
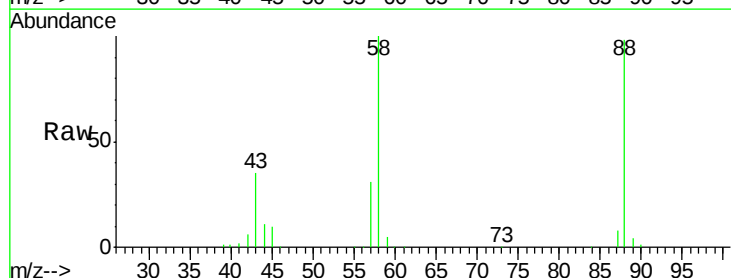
Manual Integrations
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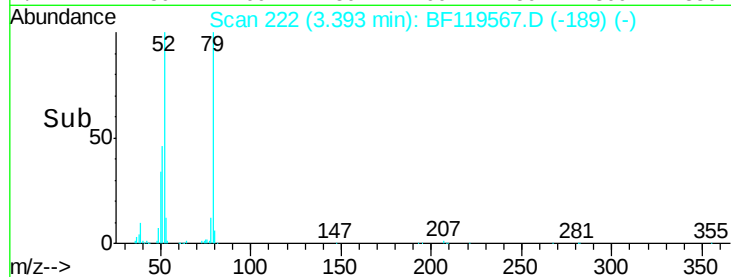
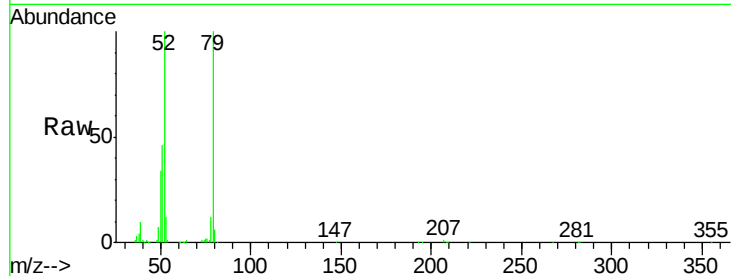
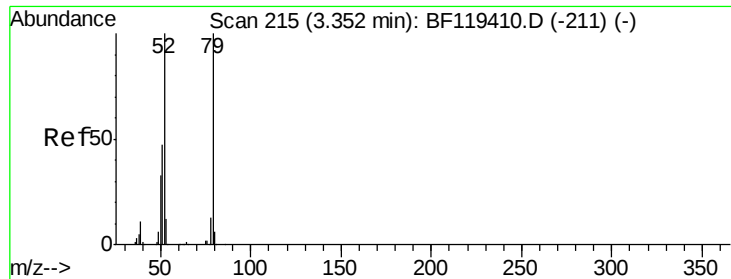
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#2
 1,4-Dioxane
 Concen: 30.507 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.11 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.2	80.6	121.0
43	35.3	27.5	41.3





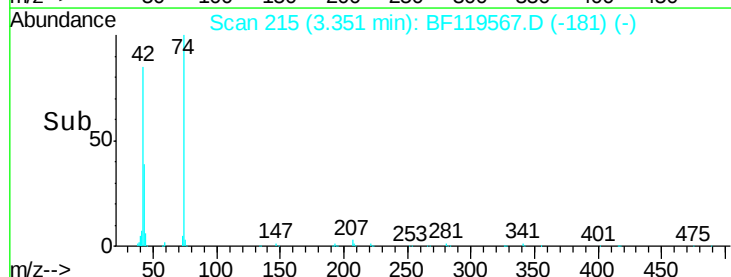
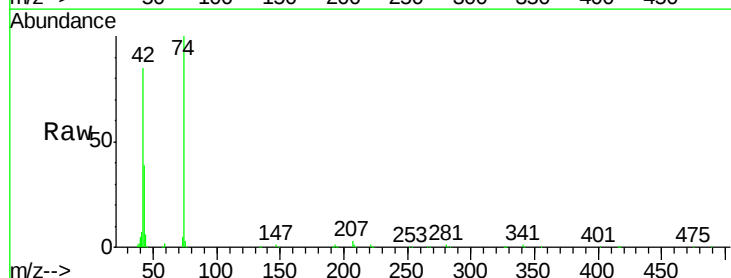
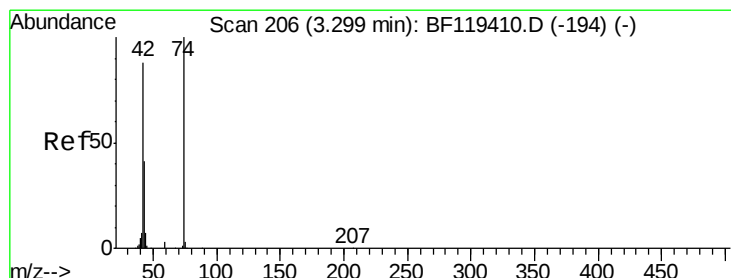
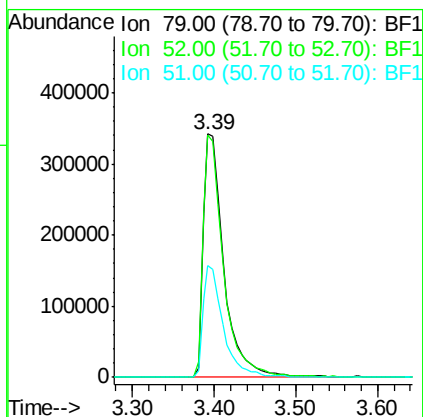
#3
Pvridine
Concen: 27.551 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.09 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.6	80.2	120.2
51	45.9	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB127823BS

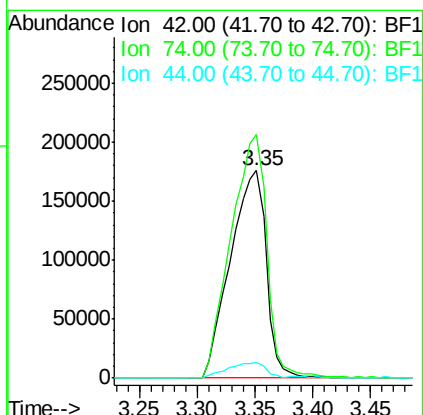
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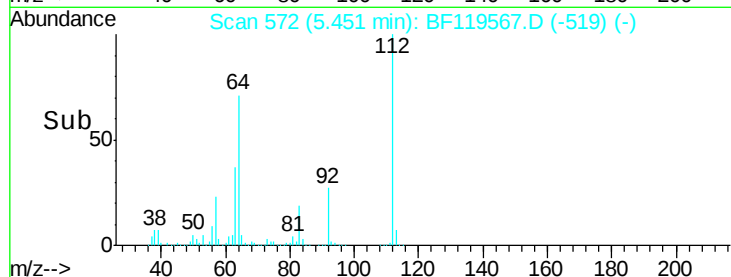
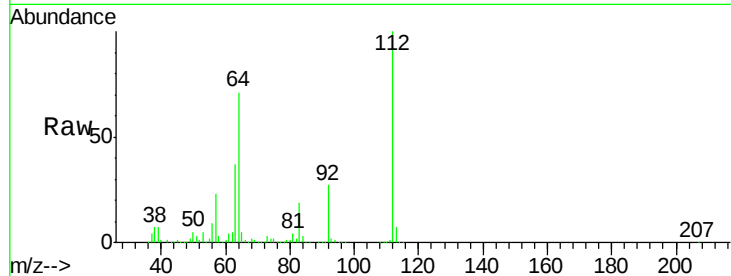
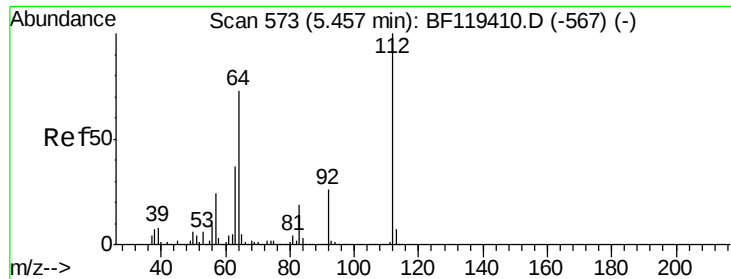
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#4
n-Nitrosodimethylamine
Concen: 35.461 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.10 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.3	91.5	137.3
44	7.6	6.2	9.4





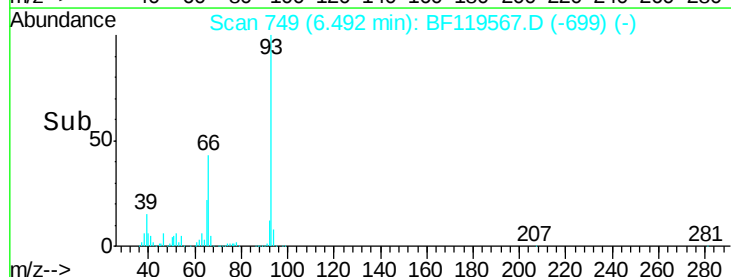
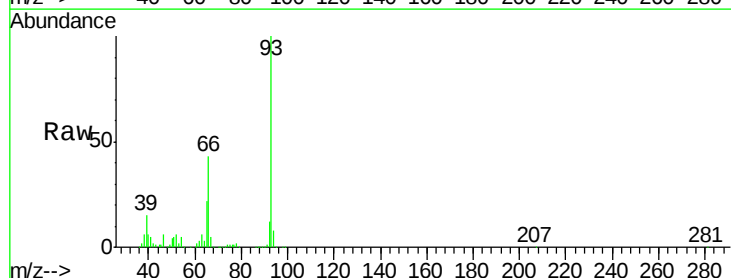
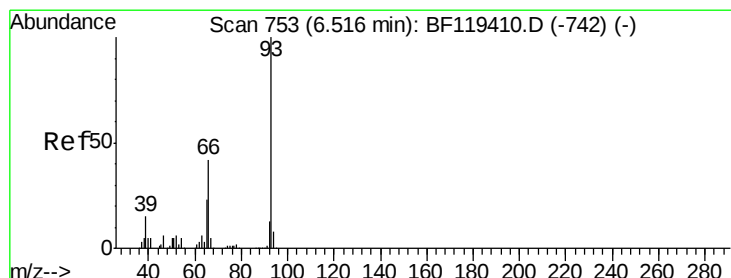
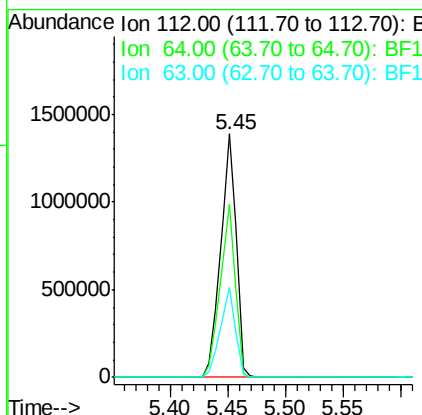
#5
2-Fluorophenol
Concen: 80.832 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tot Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.7	85.1
63	36.8	29.5	44.3

Instrument :
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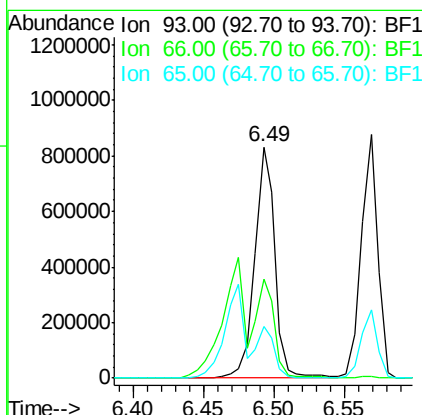
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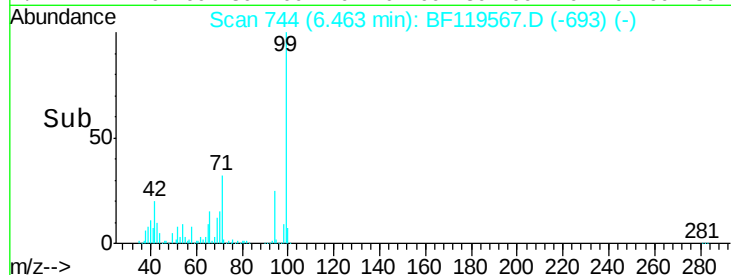
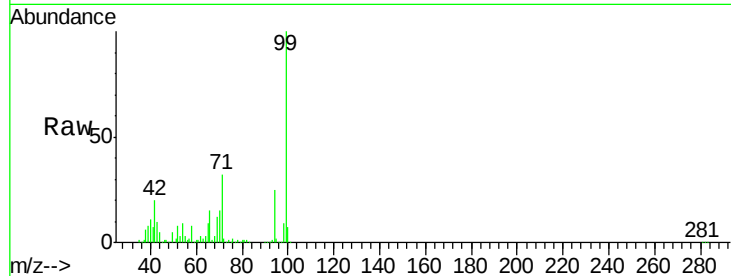
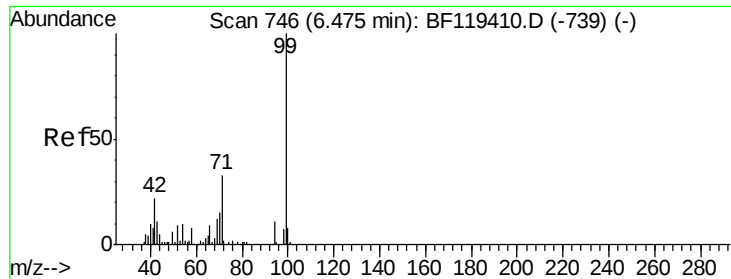
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#6
Aniline
Concen: 29.533 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.7	34.9	52.3
65	22.4	18.6	27.8





#7

Phenol-d6

Concen: 81.004 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Tot Ion: 99 Resp: 1669863

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

71 32.0 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

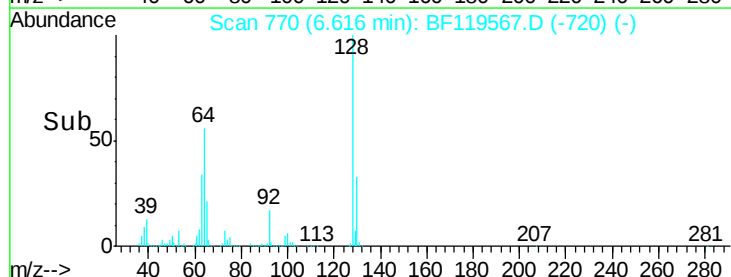
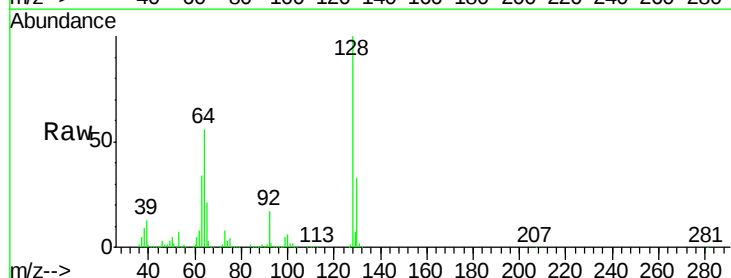
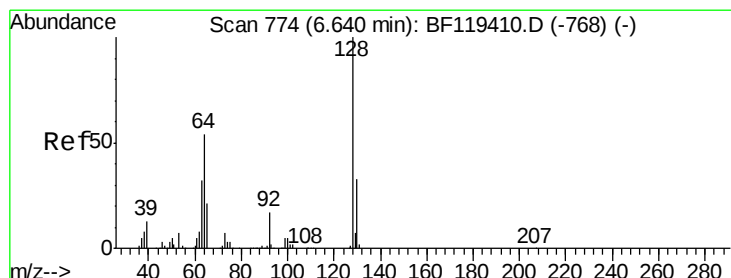
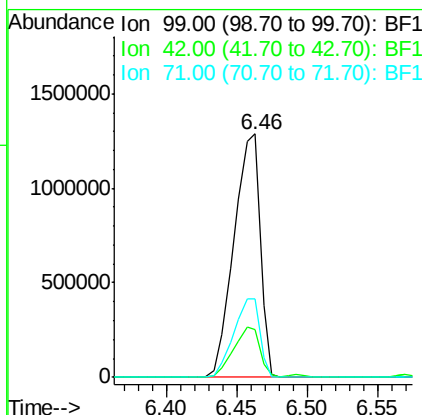
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#8

2-Chlorophenol

Concen: 44.819 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

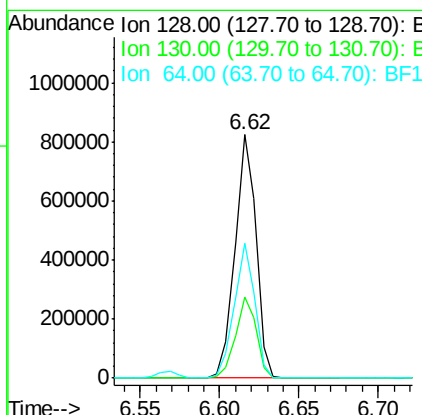
Tgt Ion: 128 Resp: 759647

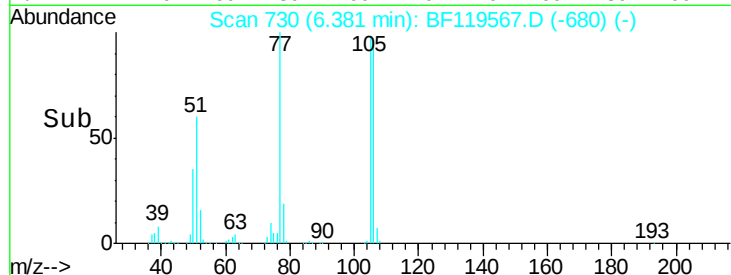
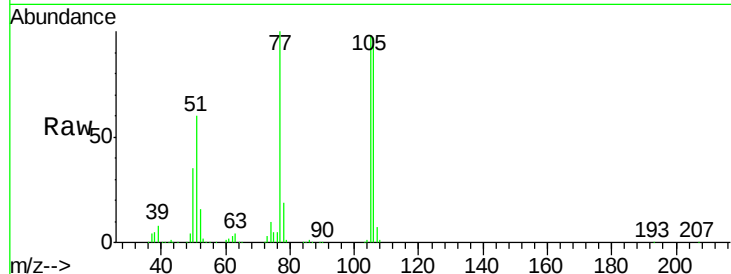
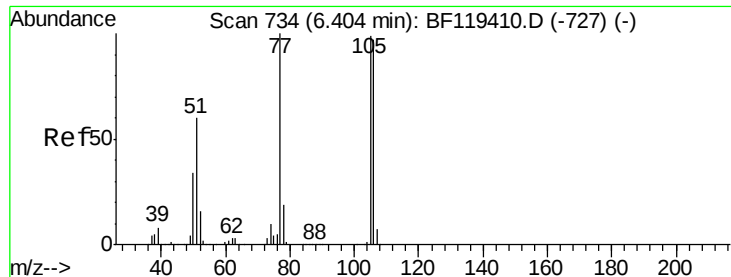
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 55.5 35.3 75.3





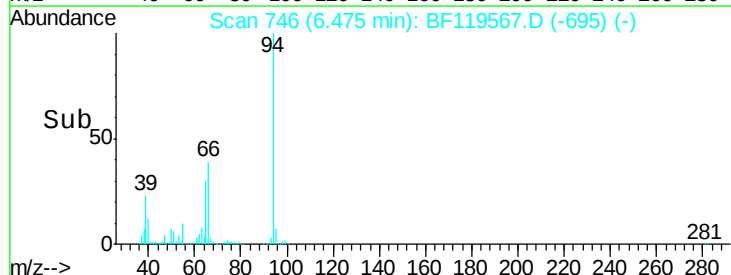
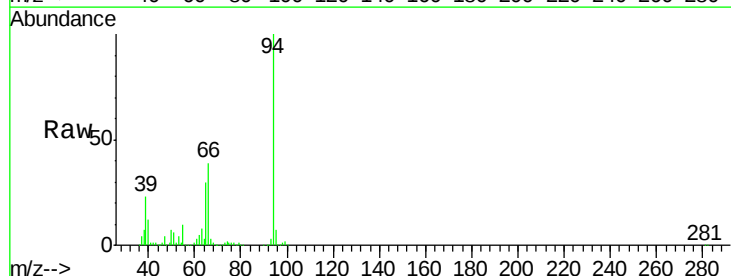
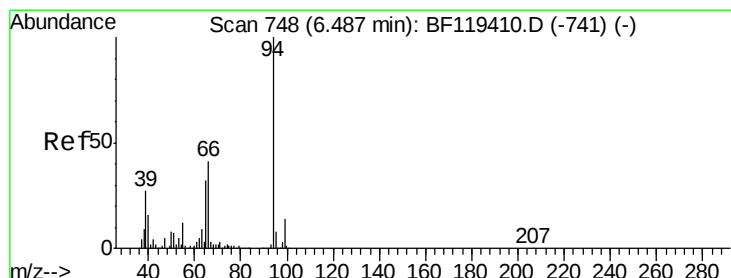
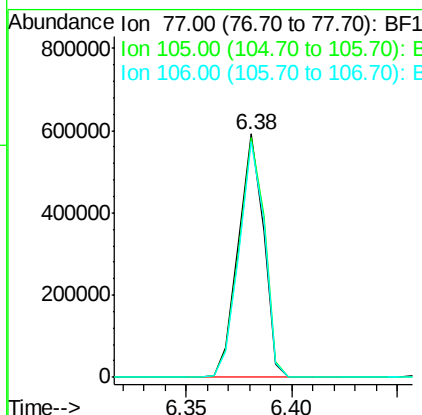
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Benzaldehyde
Concen: 37.487 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tot Ion	Ratio	Resp	Lower	Upper
77	100	490225		
105	98.5	80.9	120.9	
106	96.8	77.9	117.9	

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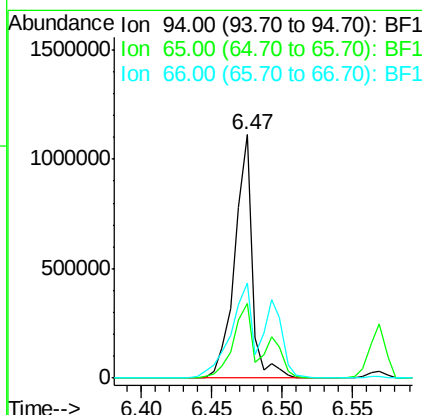
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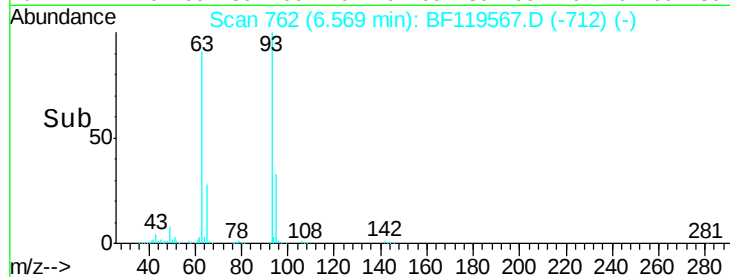
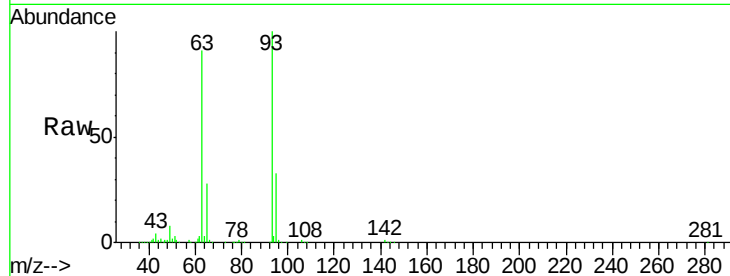
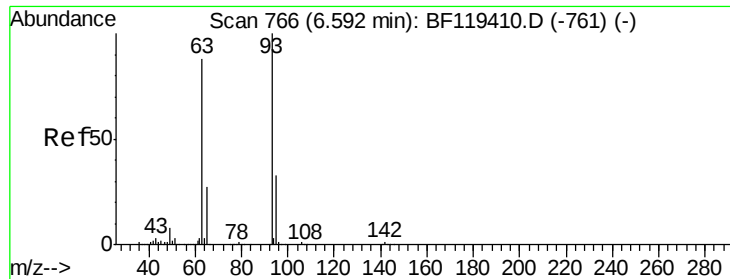
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#10
Phenol
Concen: 43.988 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	967575		
65	30.5	13.2	53.2	
66	39.0	22.3	62.3	





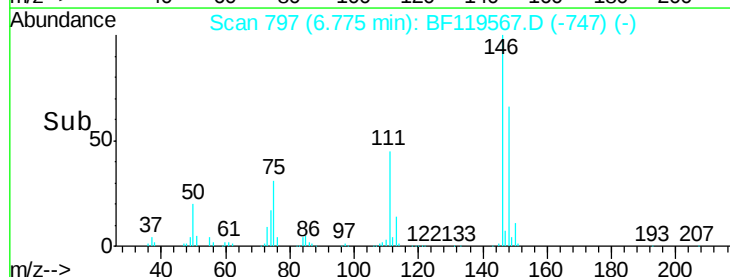
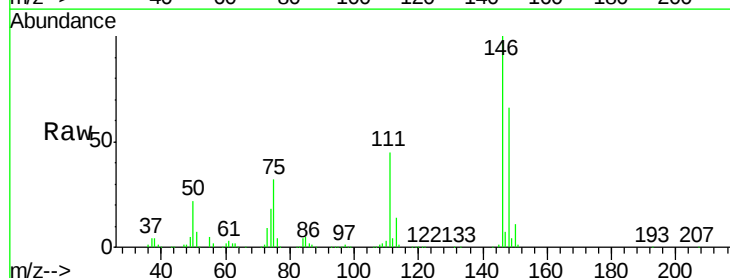
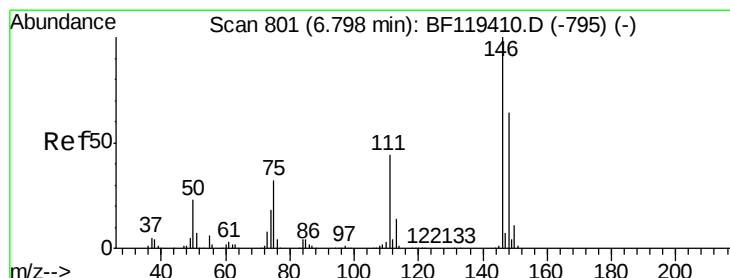
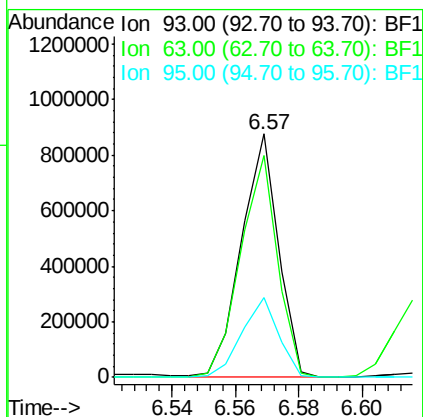
#11
bis(2-Chloroethyl)ether
Concen: 40.238 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		707878		
63	91.3	70.2	110.2		
95	32.6	13.4	53.4		

Instrument :
BNA_F
ClientSampleId :
PB127823BS

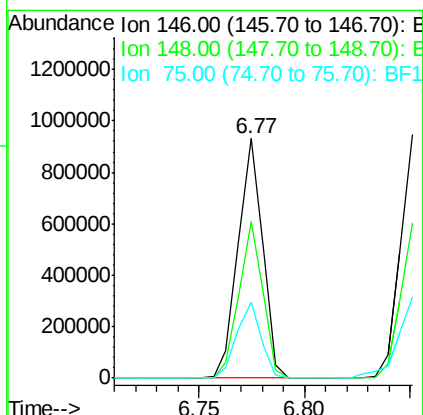
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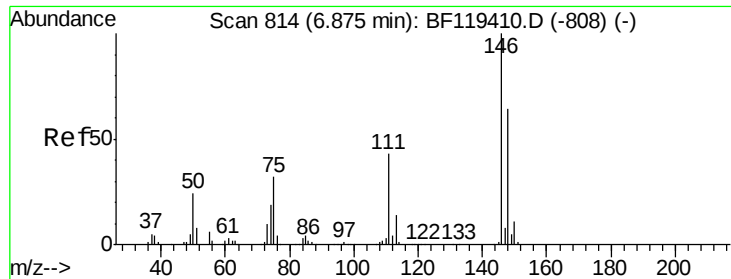
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#12
1,3-Dichlorobenzene
Concen: 40.567 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		744163		
148	65.5	52.2	78.4		
75	31.6	23.0	34.4		





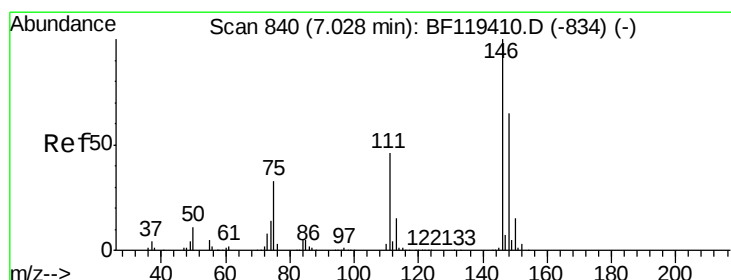
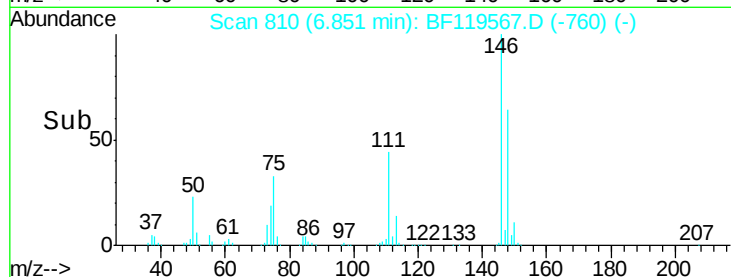
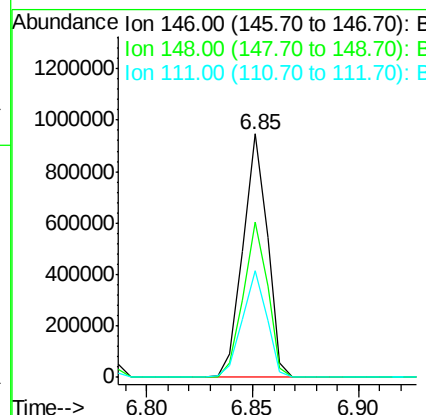
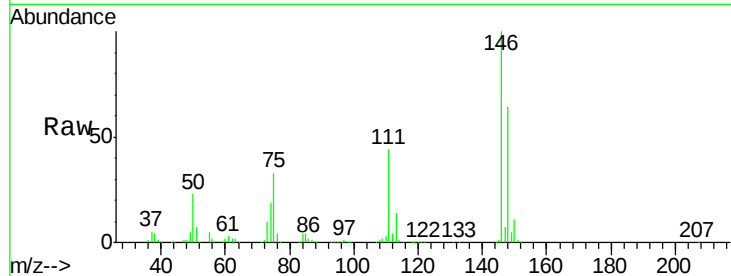
#13
 1,4-Dichlorobenzene
 Concen: 41.145 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	43.6	33.3	49.9

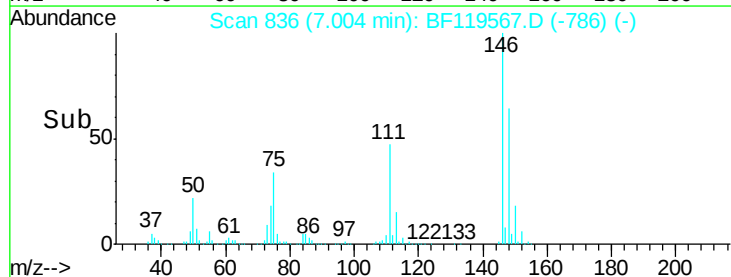
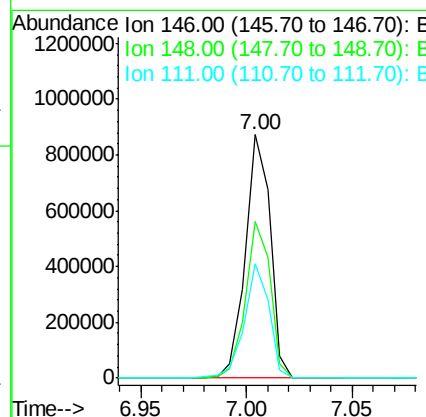
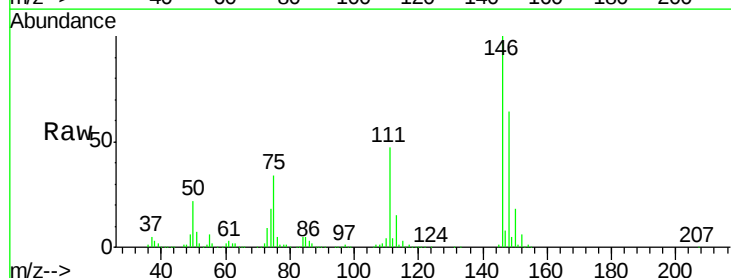
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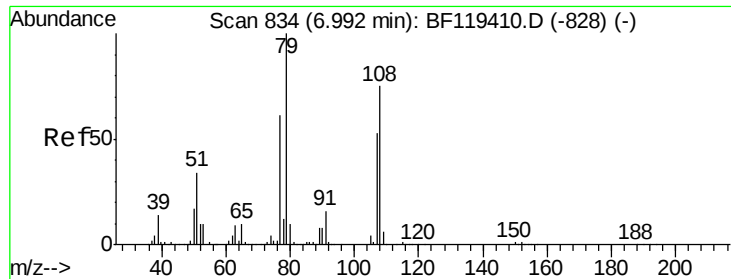
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#14
 1,2-Dichlorobenzene
 Concen: 41.376 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	46.9	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.729 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

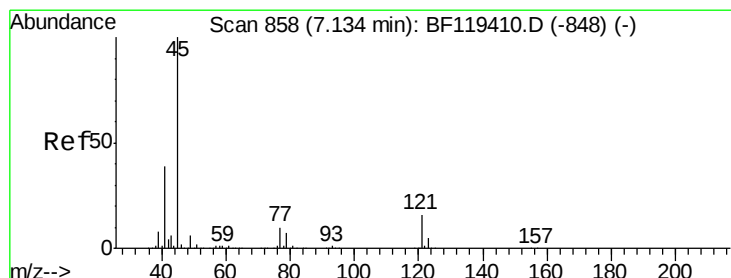
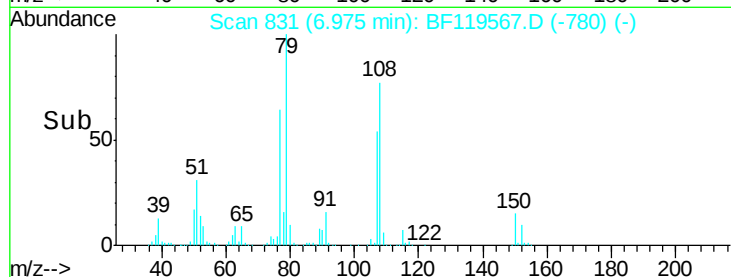
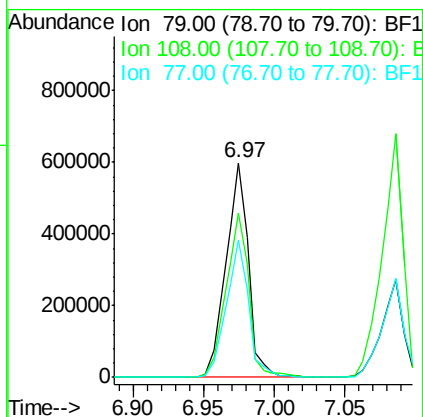
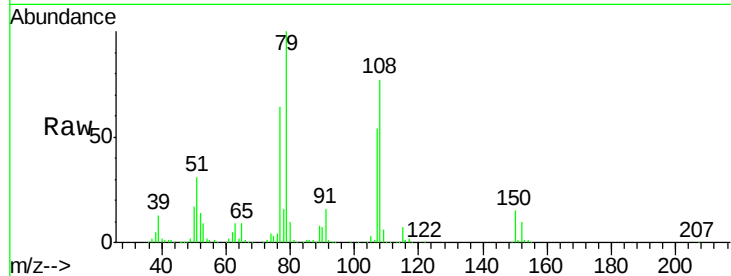
ClientSampleId :

PB127823BS

Tot Ion:	79	Resp:	662591
Ion Ratio	Lower	Upper	
79	100		
108	76.7	60.6	90.8
77	64.1	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.408 ng

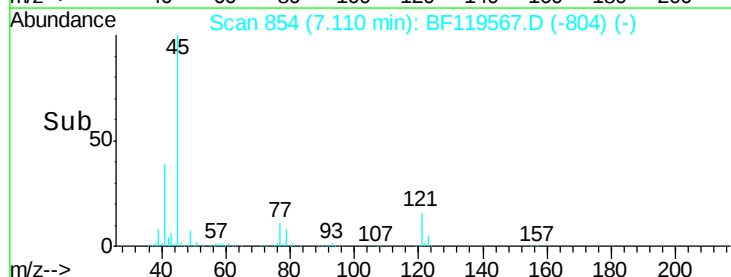
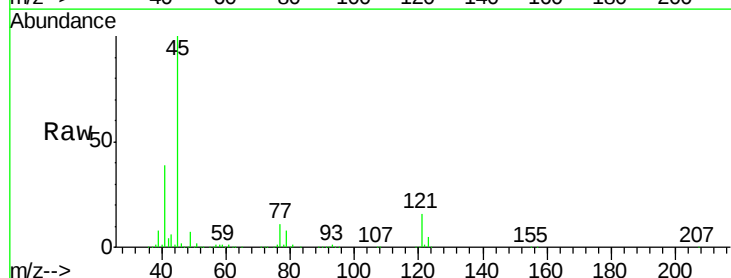
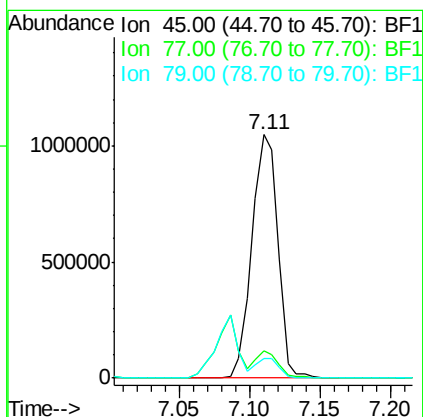
RT: 7.11 min Scan# 854

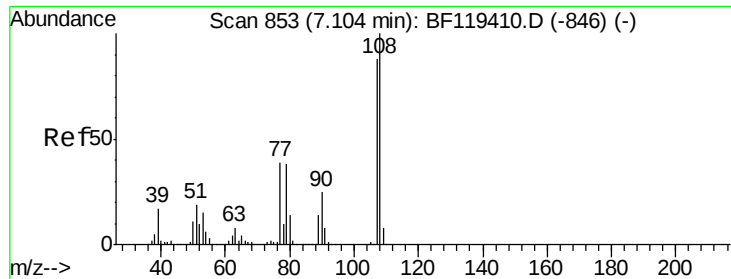
Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Tgt Ion:	45	Resp:	1362907
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.7
79	7.9	0.0	28.2





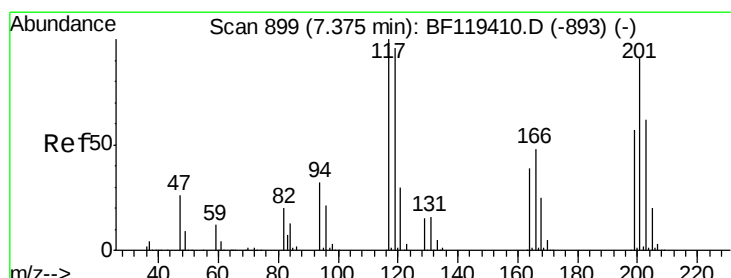
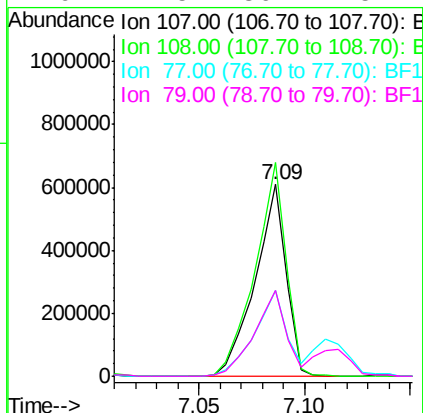
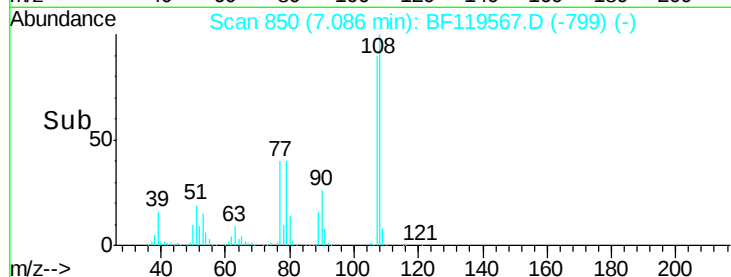
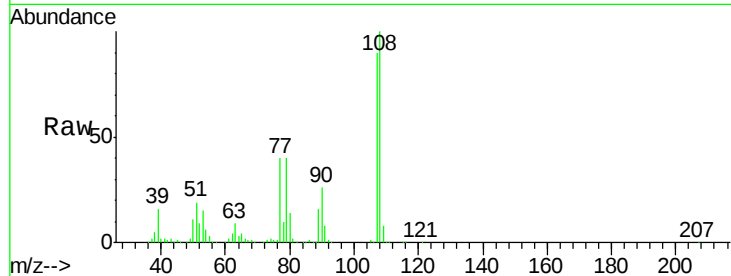
#17
2-Methylphenol
Concen: 40.033 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	621686	92.2	138.4
77	45.0		36.6	54.8
79	44.5		36.2	54.4

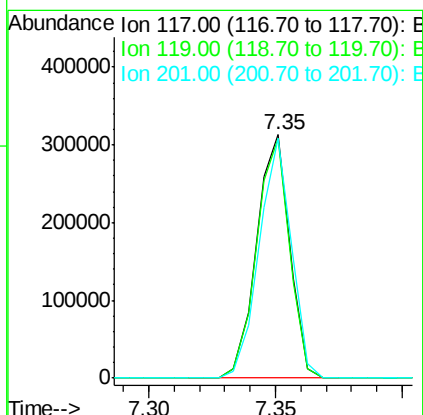
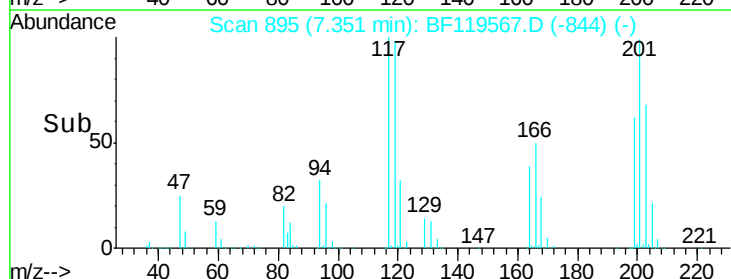
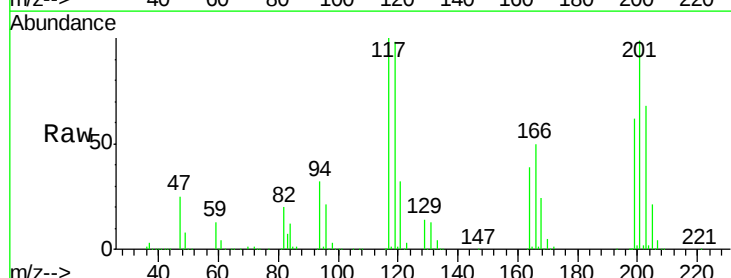
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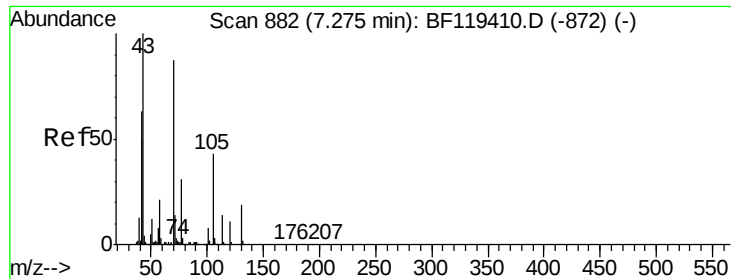
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#18
Hexachloroethane
Concen: 42.606 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286492		
119	98.4		76.1	114.1
201	98.6		73.0	109.6





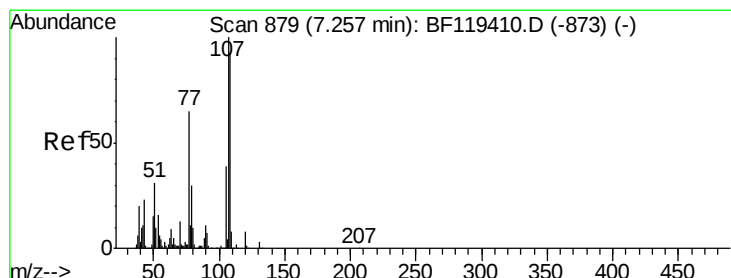
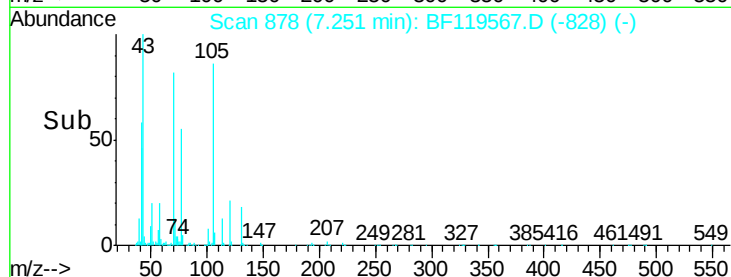
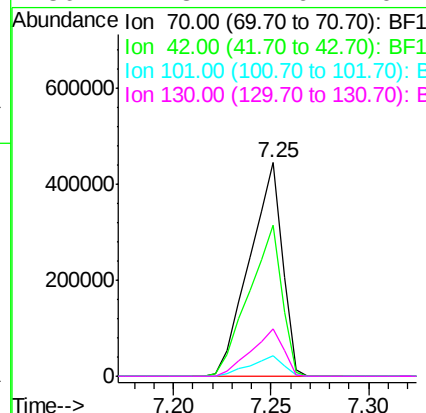
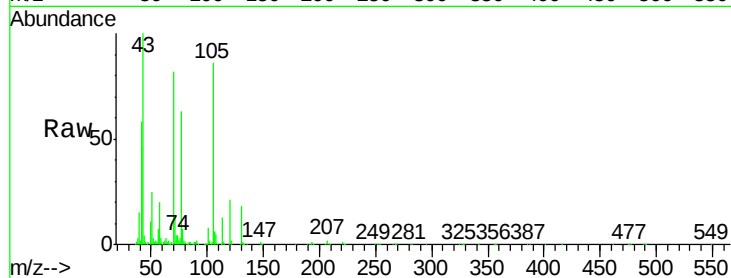
#19
n-Nitroso-di-n-propylamine
Concen: 41.887 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	54.5	81.7
101	9.6	7.6	11.4
130	22.3	17.6	26.4

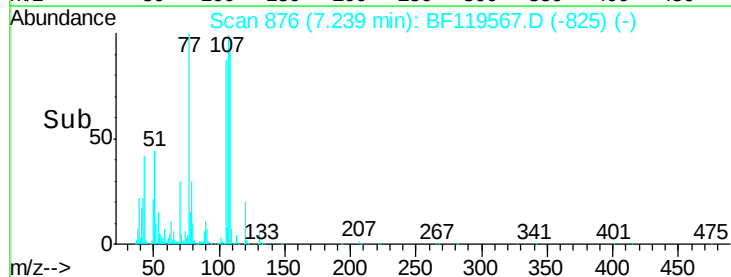
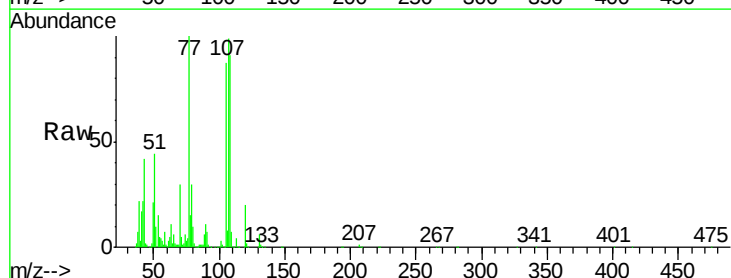
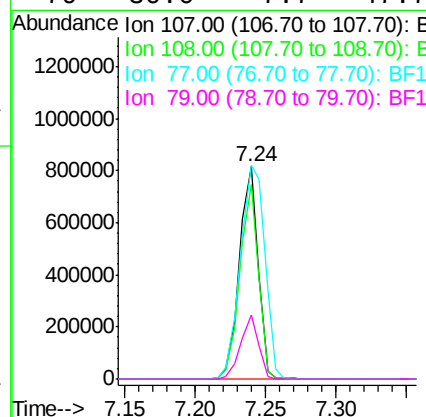
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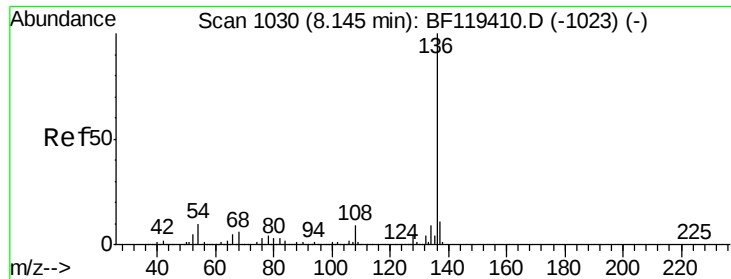
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#20
3+4-Methylphenols
Concen: 39.621 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	67.9	107.9
77	100.8	52.9	92.9
79	30.0	7.7	47.7





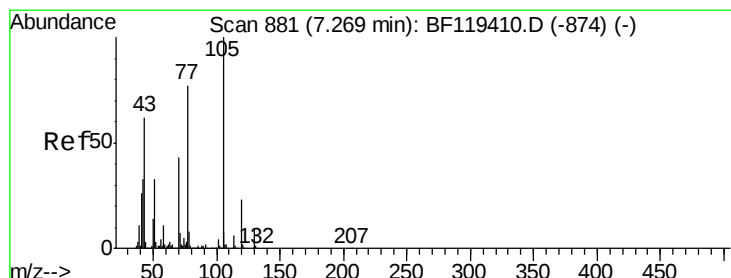
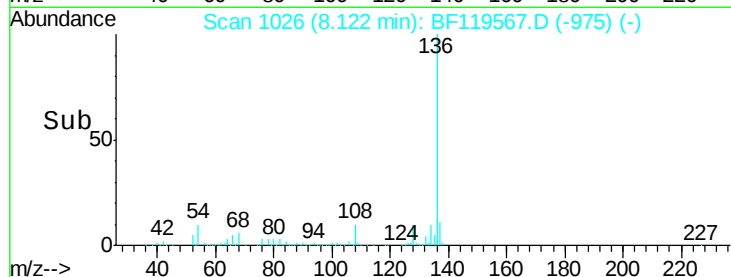
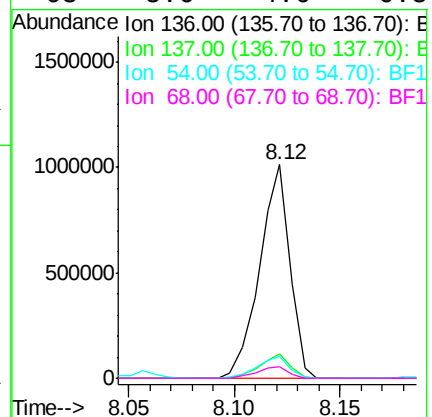
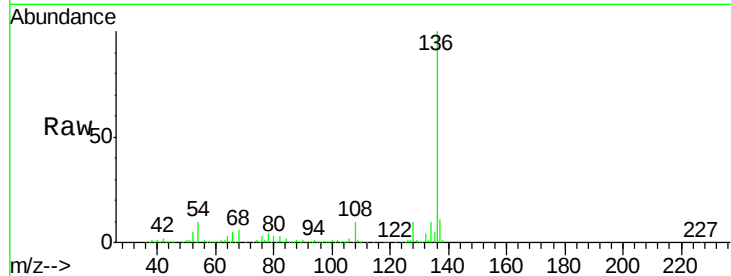
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	136	Resp	1010652
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.4	9.1	13.7
68	5.6	4.6	6.8

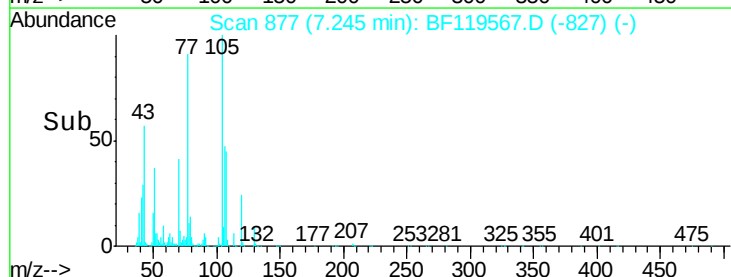
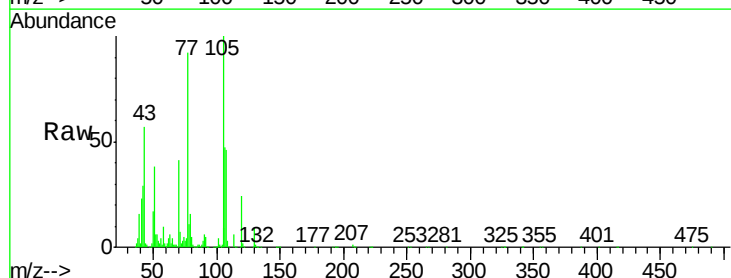
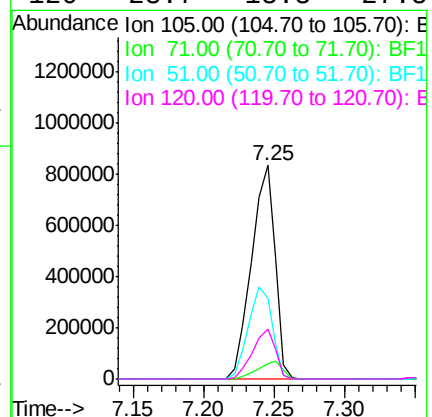
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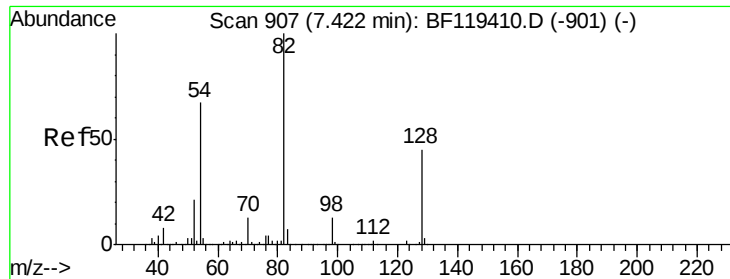
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#22
Acetophenone
Concen: 40.531 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	105	Resp	978794
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.7	8.5
51	37.6	26.2	39.4
120	23.7	18.3	27.5





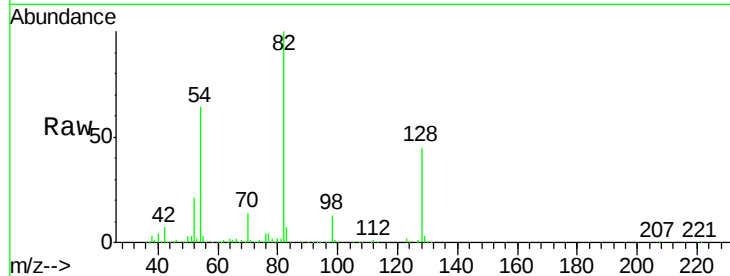
#23
Nitrobenzene-d5
Concen: 80.190 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

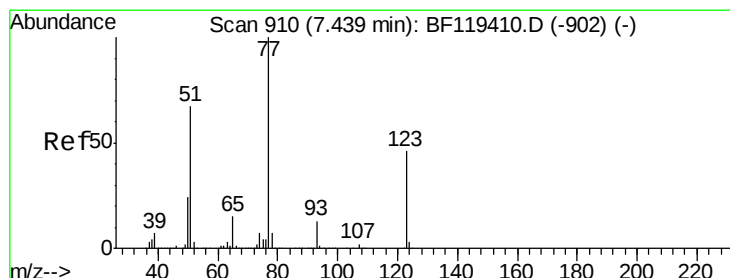
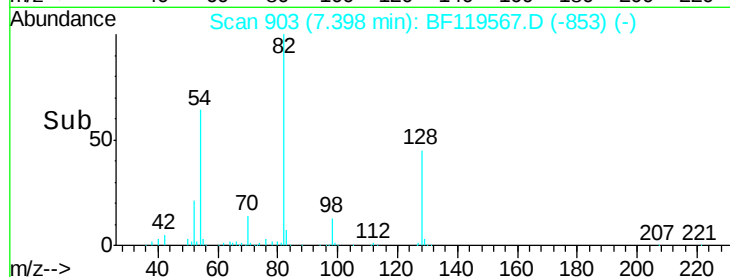
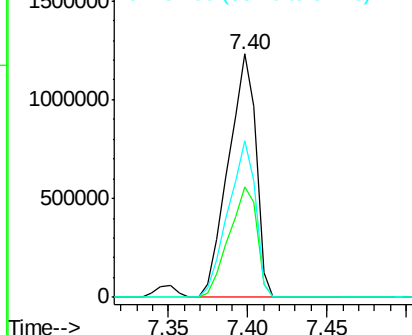
Tot Ion: 82 Resp: 1491204
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 64.5 50.6 75.8

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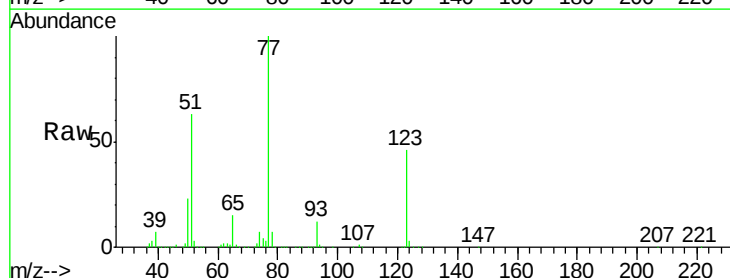


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

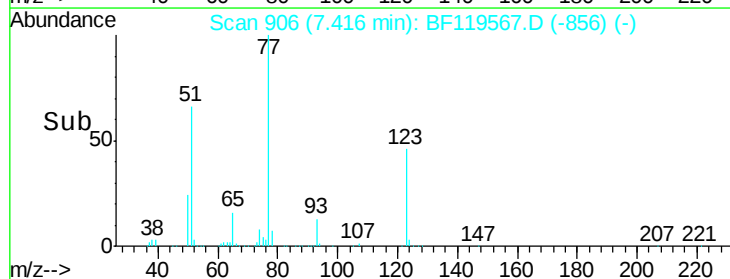
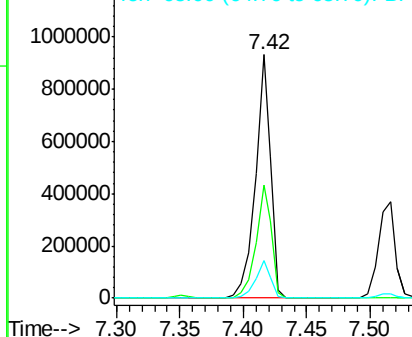


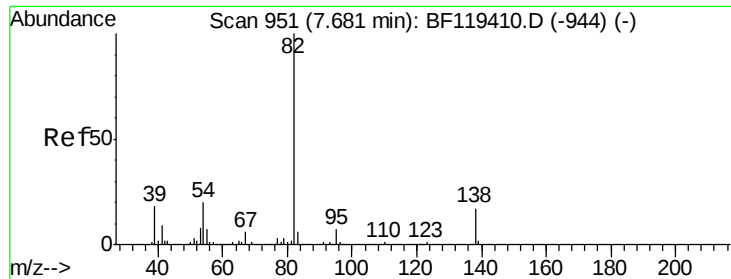
#24
Nitrobenzene
Concen: 39.656 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion: 77 Resp: 788097
Ion Ratio Lower Upper
77 100
123 46.5 38.0 57.0
65 15.3 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.317 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

ClientSampleId :

PB127823BS

Tot Ion: 82 Resp: 1483150

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

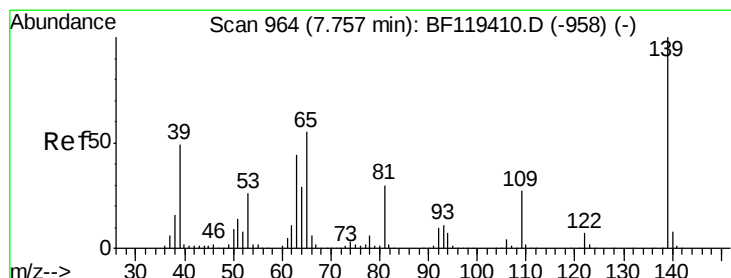
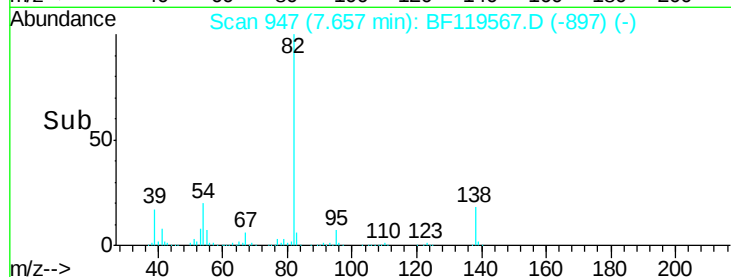
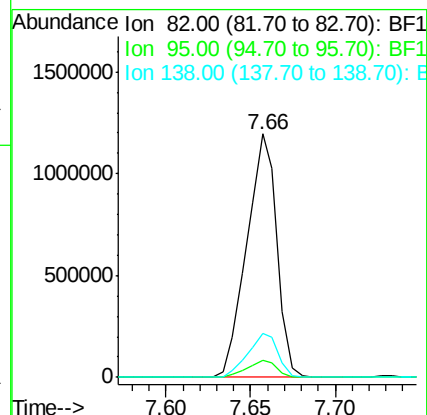
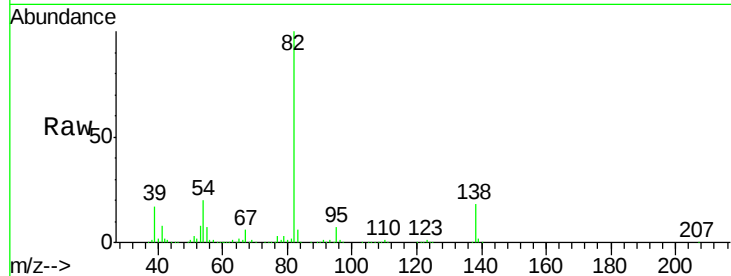
138 17.8 14.6 21.8

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#26

2-Nitrophenol

Concen: 51.612 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

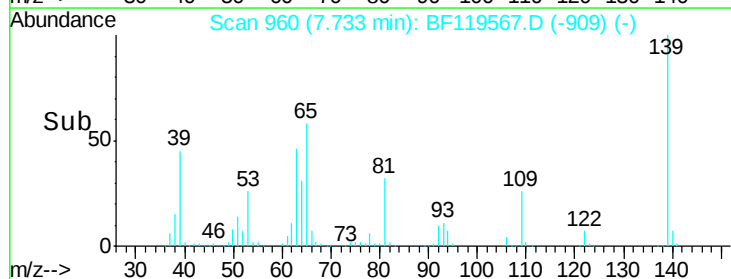
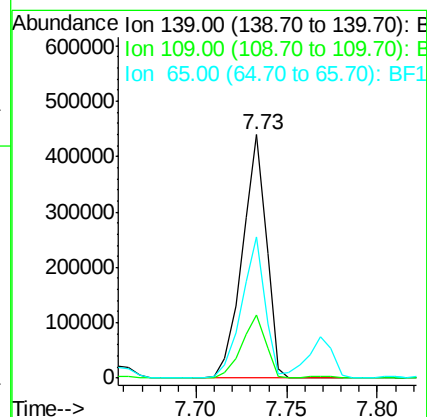
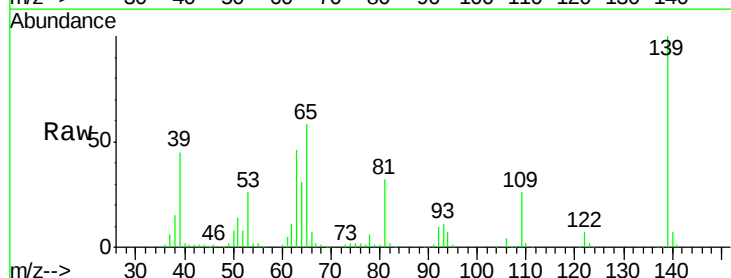
Tgt Ion: 139 Resp: 403858

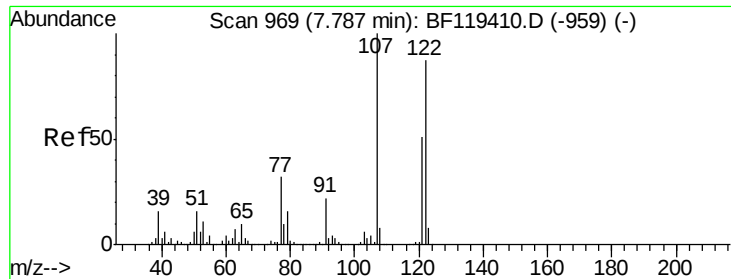
Ion Ratio Lower Upper

139 100

109 26.2 22.1 33.1

65 58.1 49.2 73.8





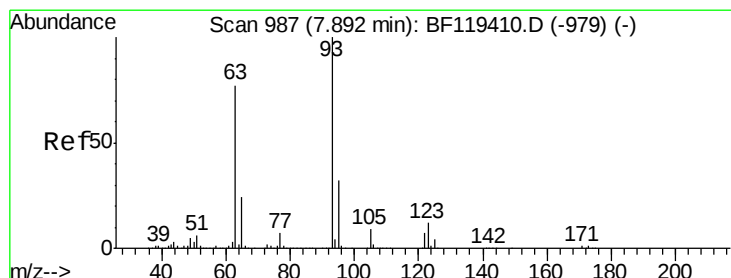
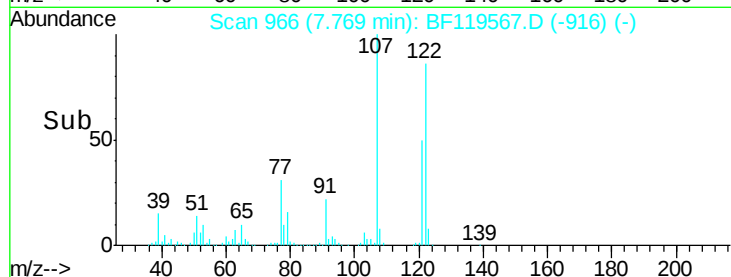
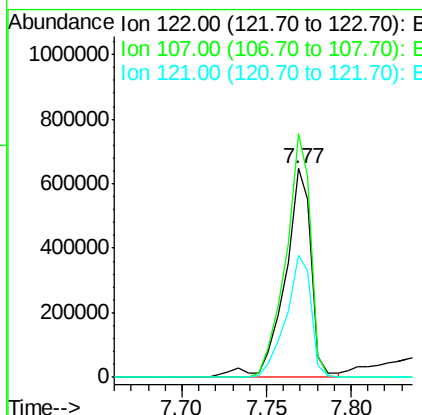
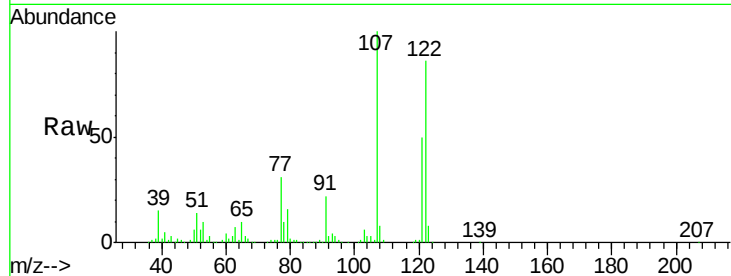
#27
 2,4-Dimethylphenol
 Concen: 43.679 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	706715		
107	116.8	89.0	133.6	
121	58.7	46.7	70.1	

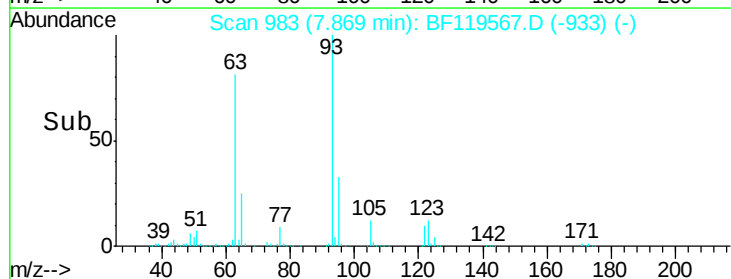
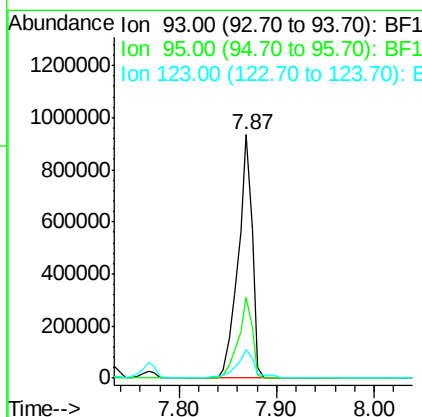
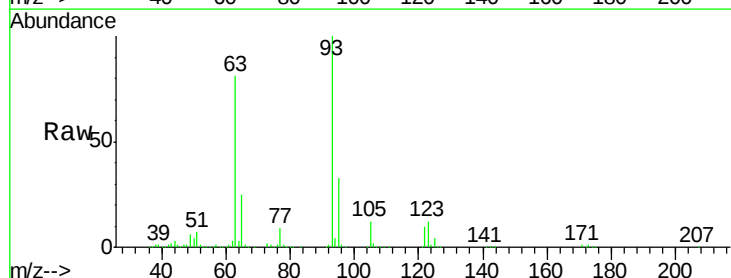
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.643 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	928909		
95	33.5	26.3	39.5	
123	11.9	9.7	14.5	





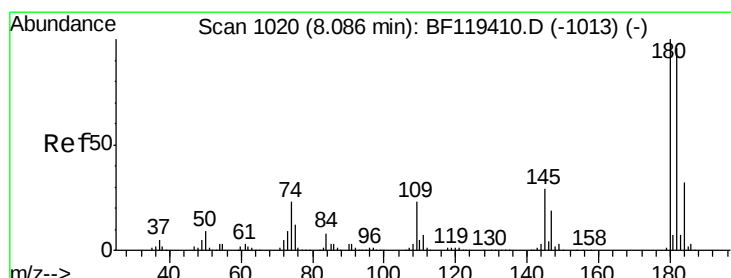
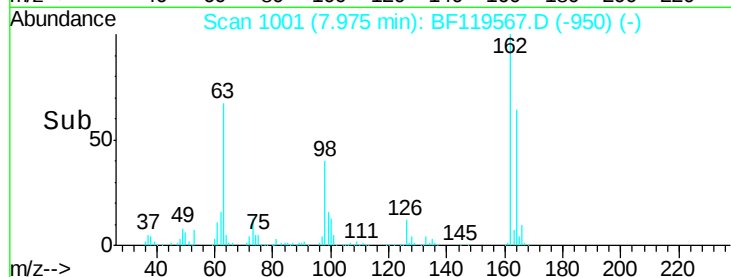
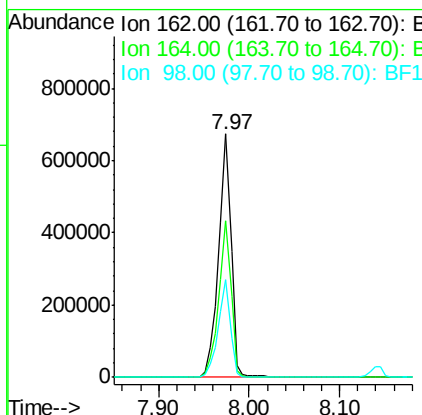
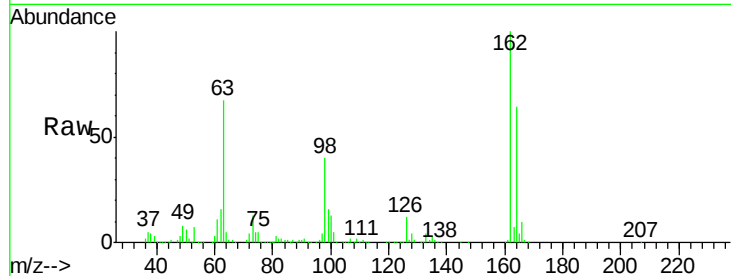
#29
2,4-Dichlorophenol
Concen: 43.181 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	641959		
164	64.3		44.7	84.7
98	40.1		20.7	60.7

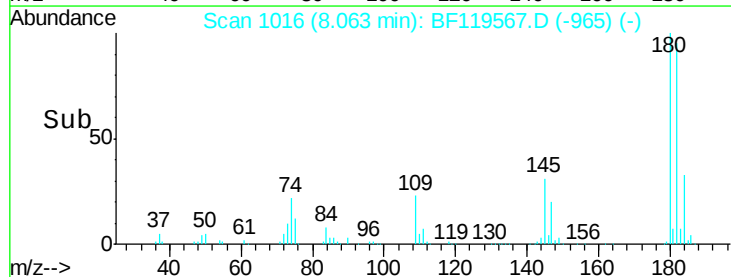
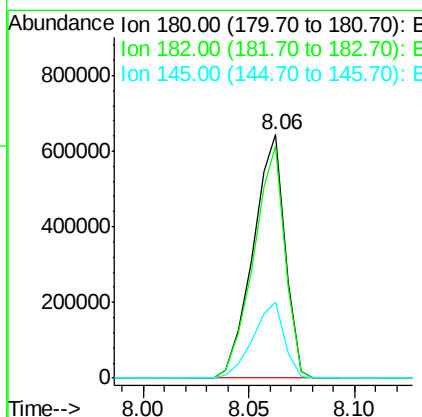
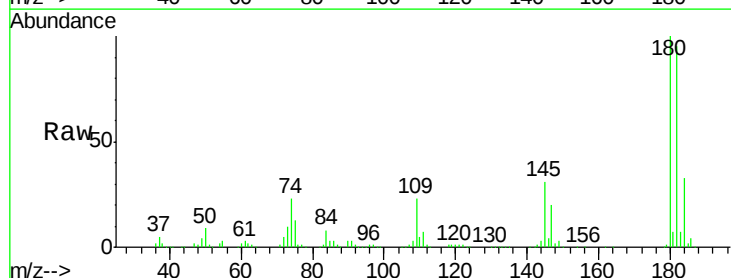
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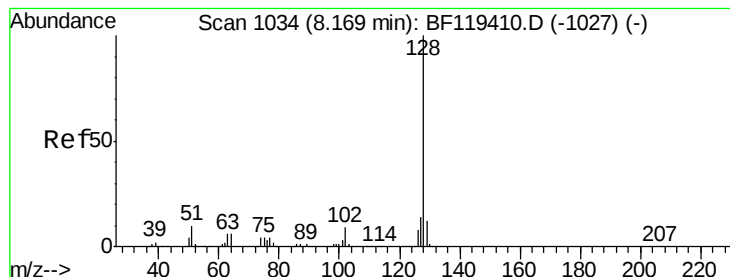
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#30
1,2,4-Trichlorobenzene
Concen: 41.139 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	676383		
182	95.2		74.7	112.1
145	31.0		24.5	36.7





#31

Naphthalene

Concen: 40.957 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

ClientSampleId :

PB127823BS

Tot Ion:128 Resp: 2130136

Ion Ratio Lower Upper

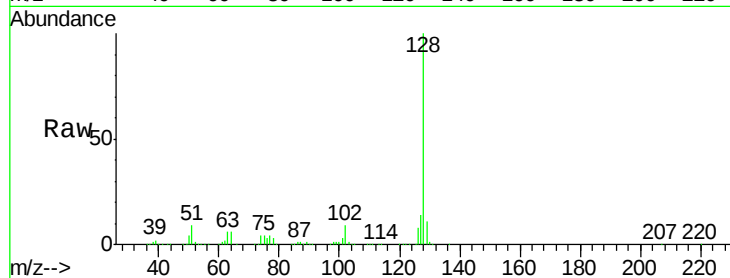
128 100

129 11.4 9.5 14.3

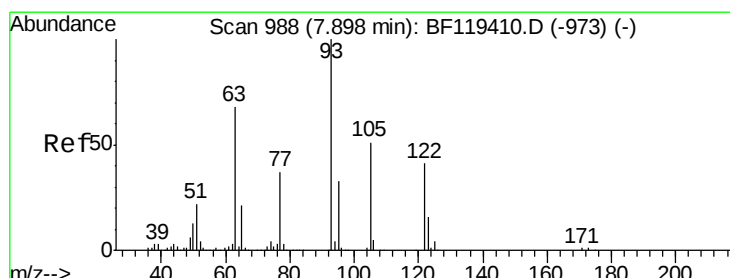
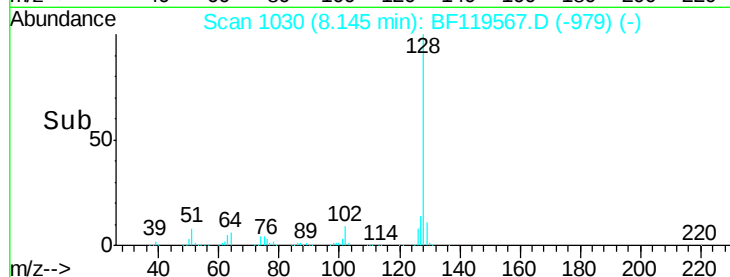
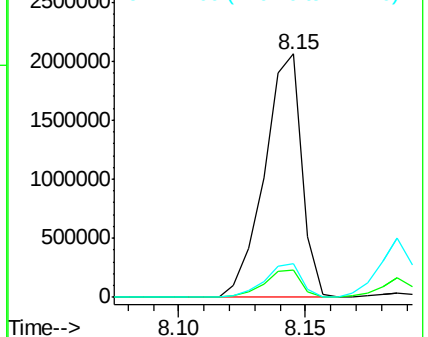
127 13.8 11.3 16.9

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



#32

Benzoic acid

Concen: 48.197 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

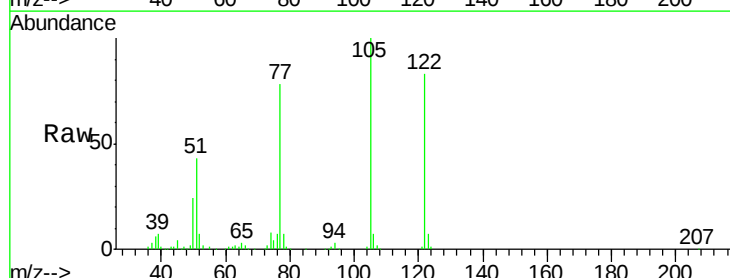
Tgt Ion:122 Resp: 501623

Ion Ratio Lower Upper

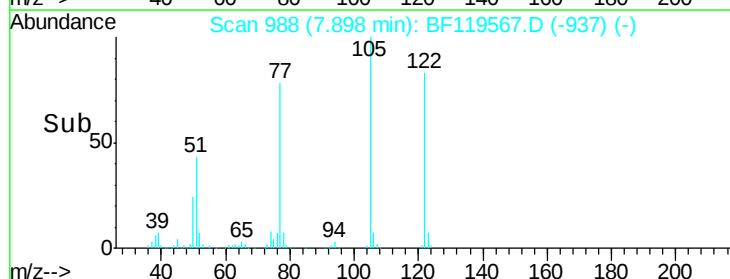
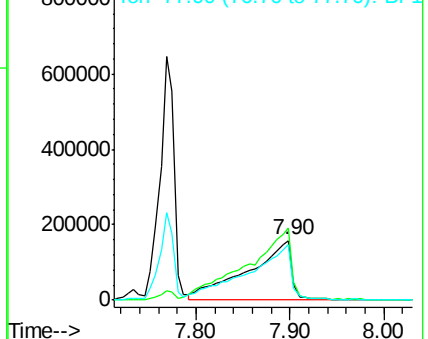
122 100

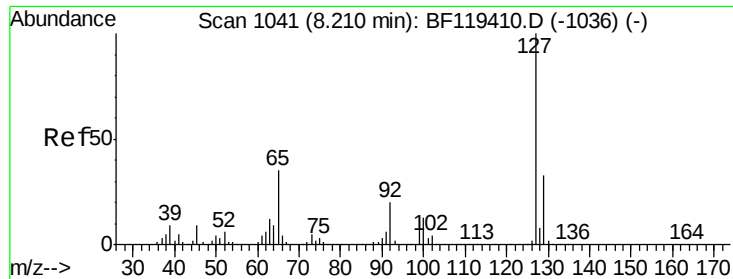
105 119.9 104.9 144.9

77 93.7 74.4 114.4



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





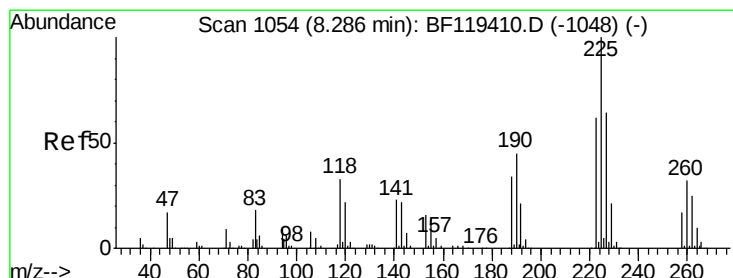
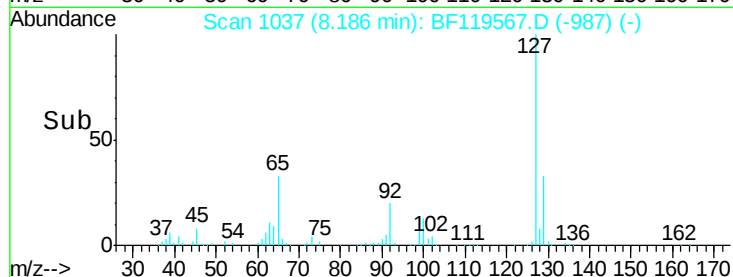
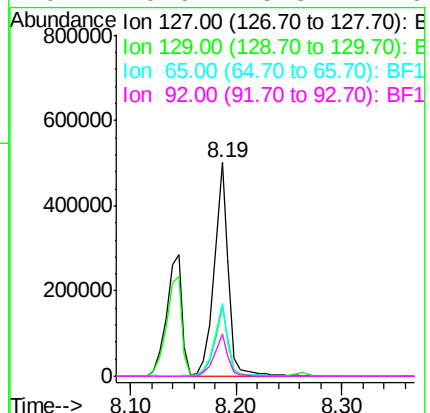
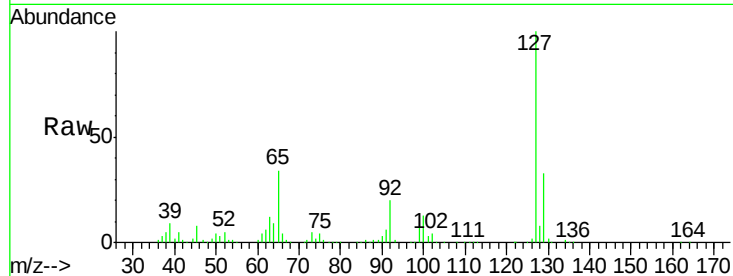
#33
4-Chloroaniline
Concen: 20.007 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.4	
65	34.3	27.4	41.0	
92	19.6	15.3	22.9	

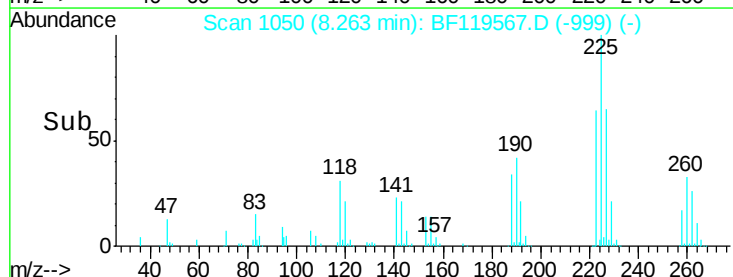
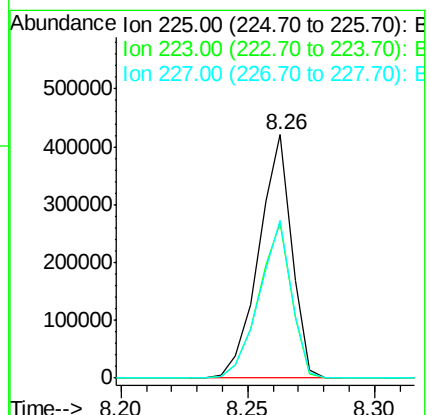
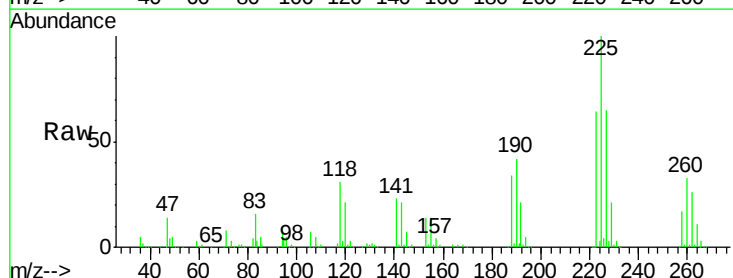
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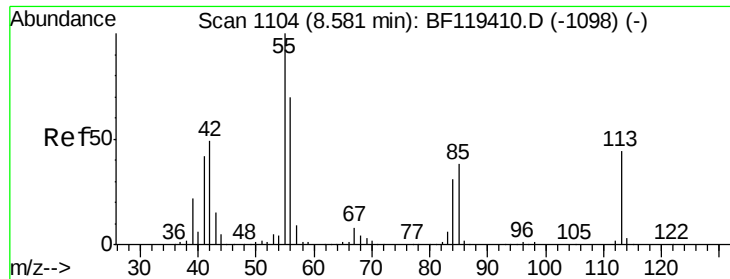
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#34
Hexachlorobutadiene
Concen: 41.372 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	51.0	76.6	
227	64.8	50.7	76.1	





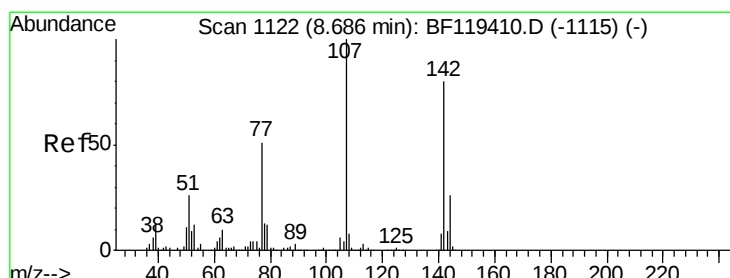
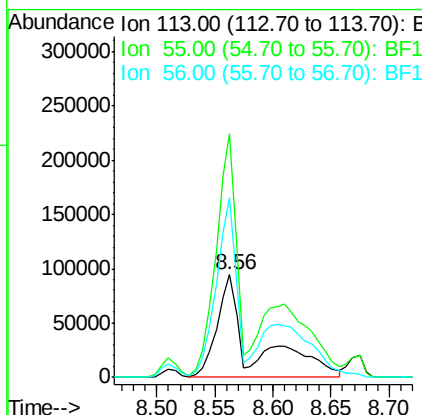
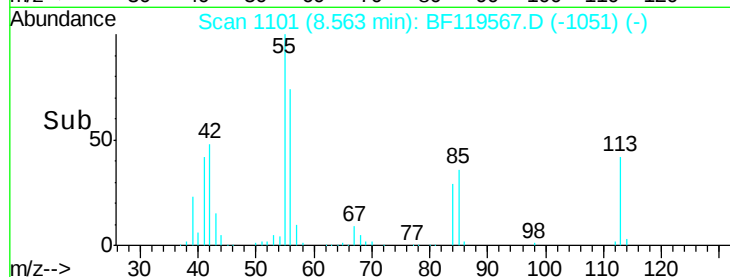
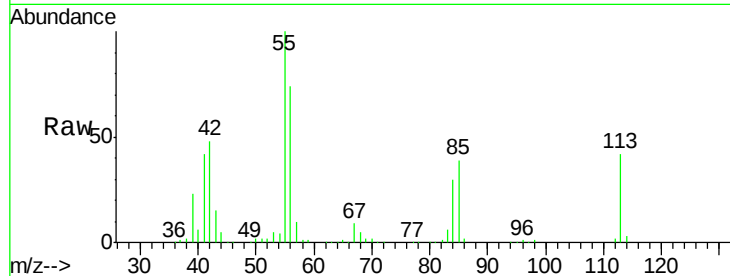
#35
Caprolactam
Concen: 41.574 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		202278		
55	238.1		218.4	258.4	
56	175.8		148.9	188.9	

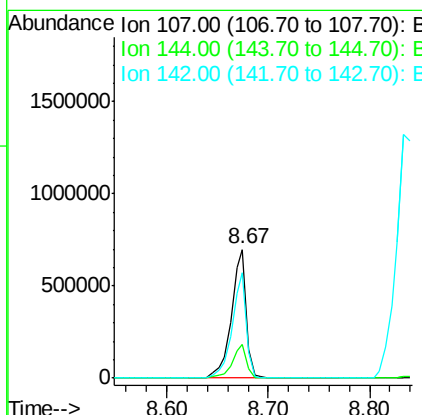
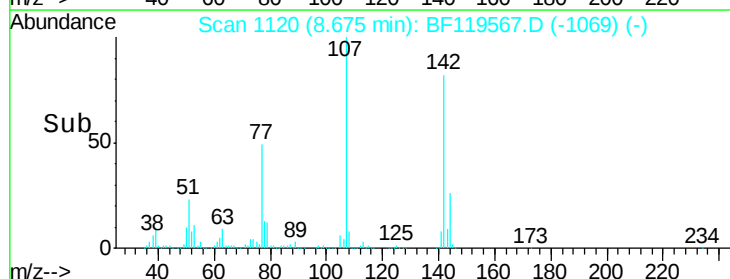
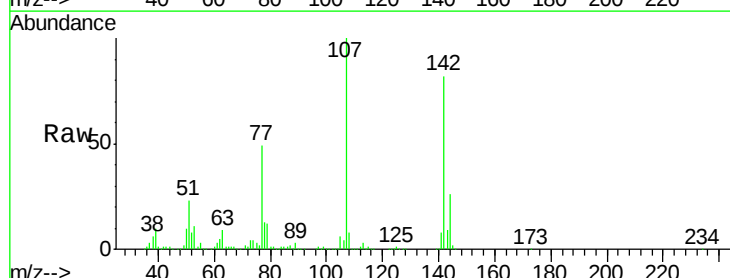
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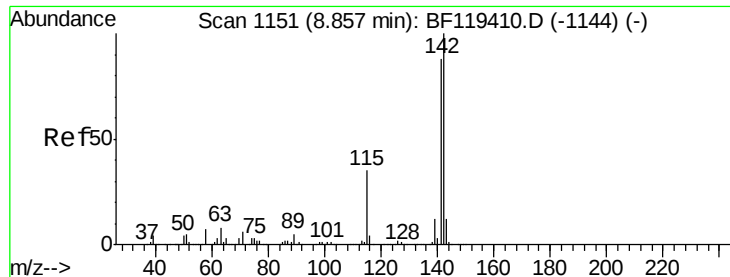
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#36
4-Chloro-3-methylphenol
Concen: 43.255 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		702840		
144	26.2		21.0	31.6	
142	81.9		64.4	96.6	





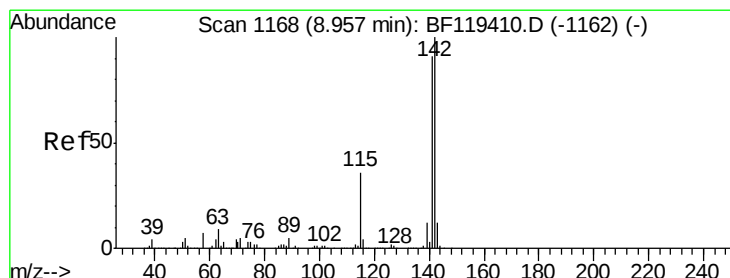
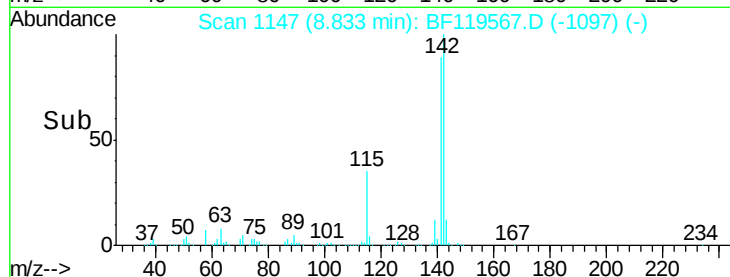
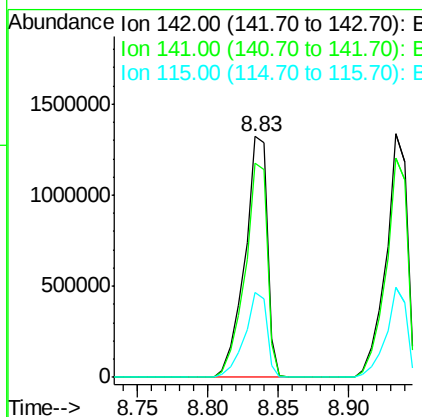
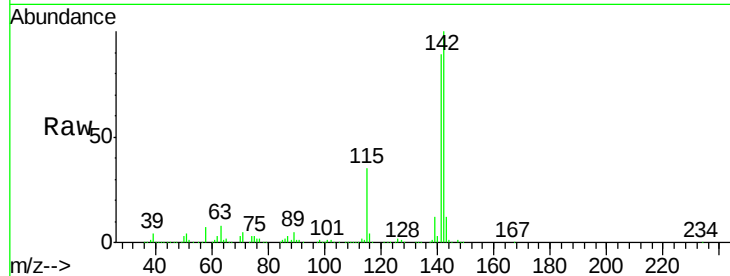
#37
2-Methylnaphthalene
Concen: 43.214 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion:142 Resp: 1475039
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5
115 35.1 27.9 41.9

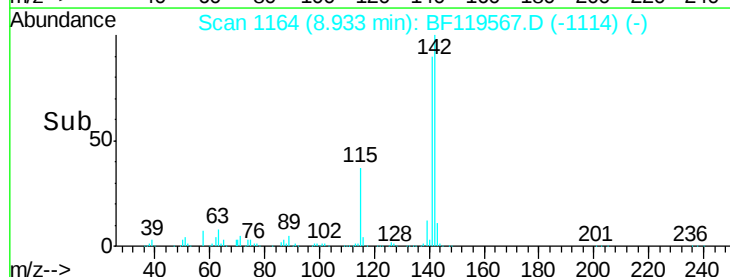
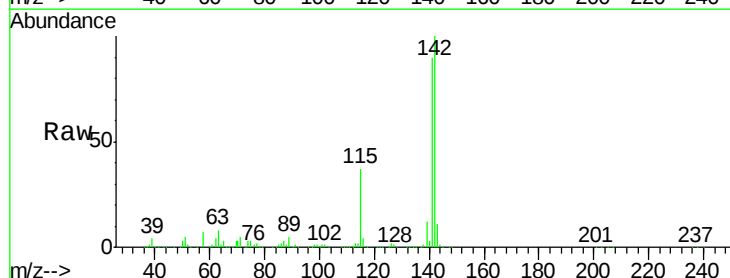
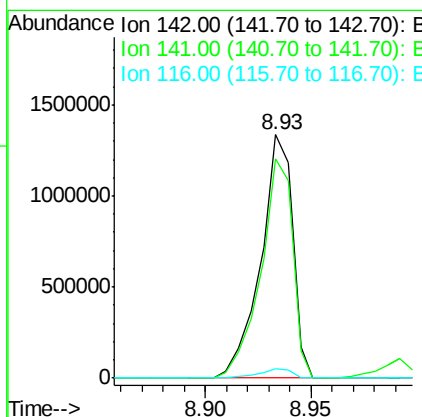
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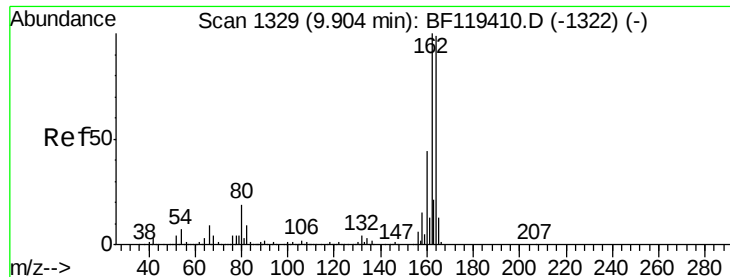
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#38
1-Methylnaphthalene
Concen: 43.383 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion:142 Resp: 1401600
Ion Ratio Lower Upper
142 100
141 90.1 73.7 110.5
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

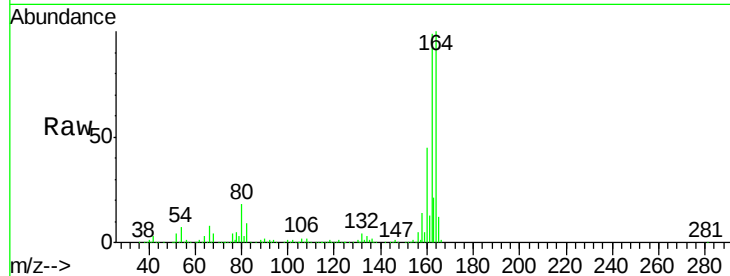
ClientSampleId :

PB127823BS

Tot Ion:	164	Resp:	546200
Ion Ratio	Lower	Upper	
164	100		
162	98.7	80.6	121.0
160	44.8	35.7	53.5

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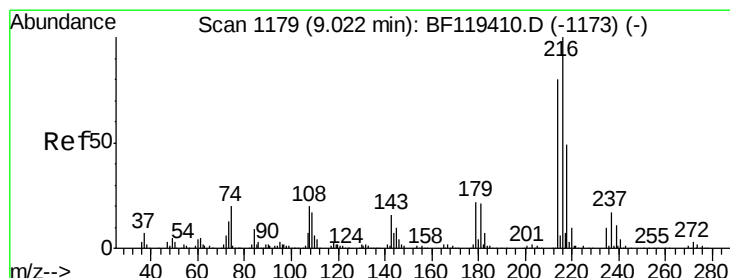
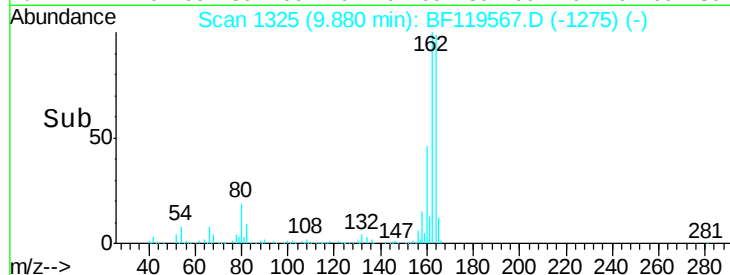
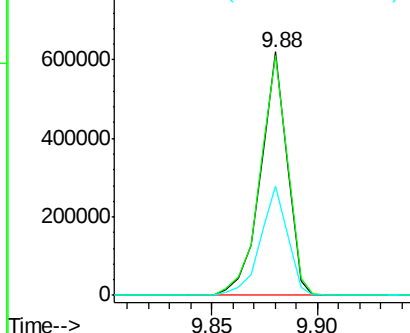


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.406 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Tgt Ion:	216	Resp:	630873
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.2	94.8
179	21.1	17.1	25.7
108	21.0	15.1	22.7

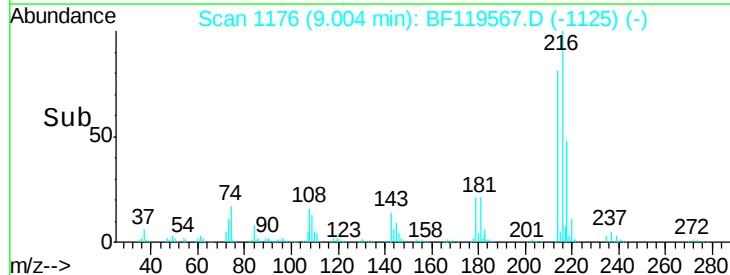
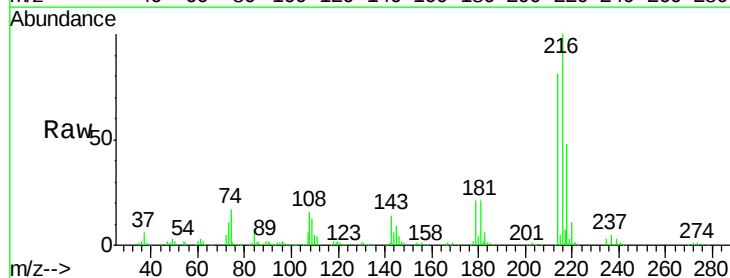
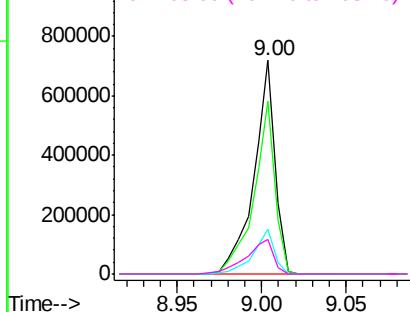
Abundance

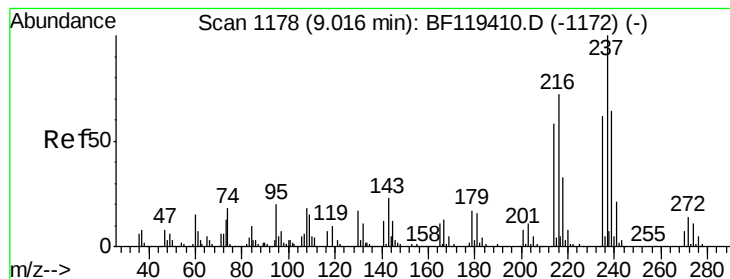
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.179 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

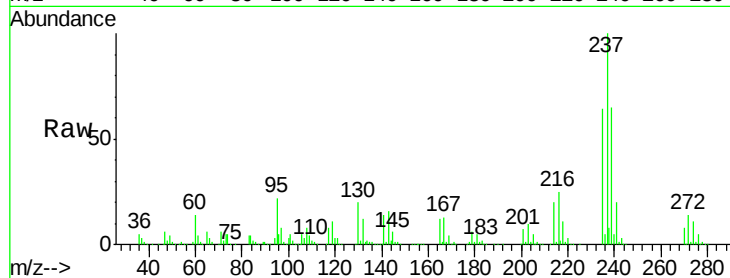
ClientSampleId :

PB127823BS

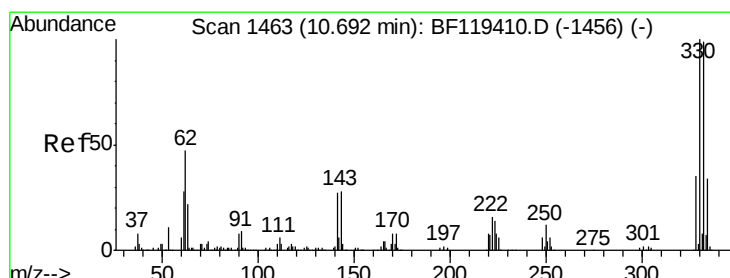
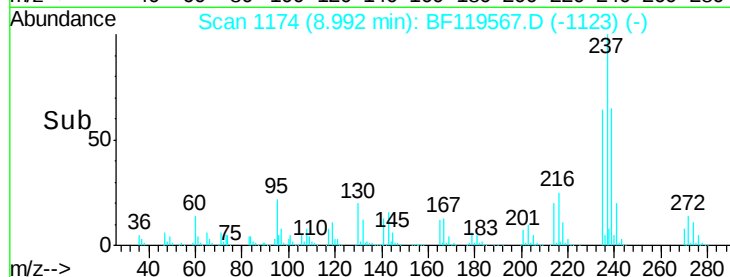
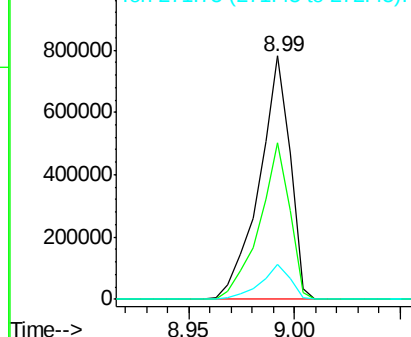
Tot Ion:	237	Resp:	793475
Ion Ratio		Lower	Upper
237	100		
235	64.2	43.2	83.2
272	14.3	0.0	34.1

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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: 91.966 ng

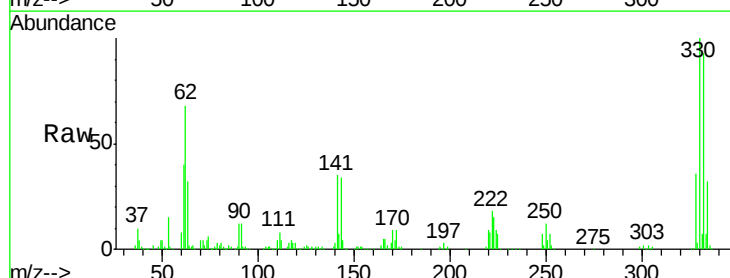
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

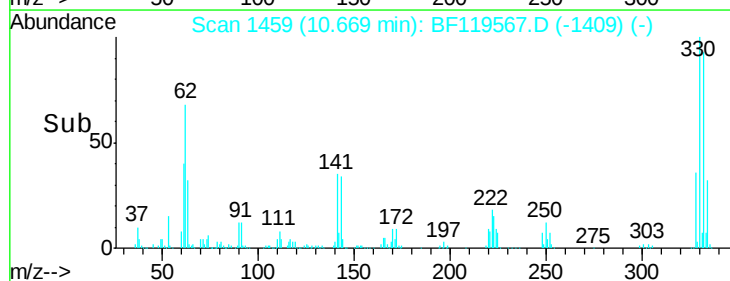
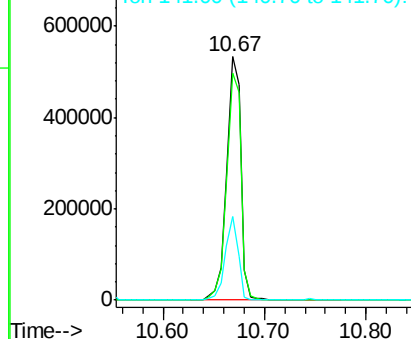
Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Tgt Ion:	330	Resp:	518223
Ion Ratio		Lower	Upper
330	100		
332	95.1	75.7	113.5
141	31.4	25.4	38.0



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





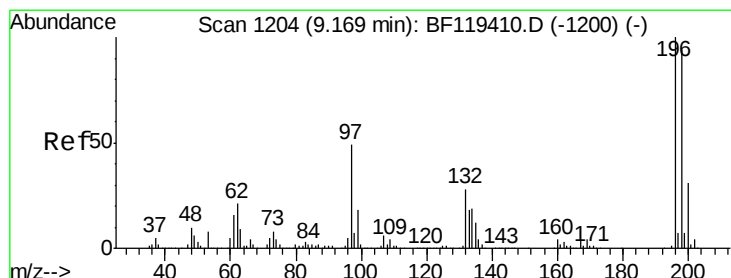
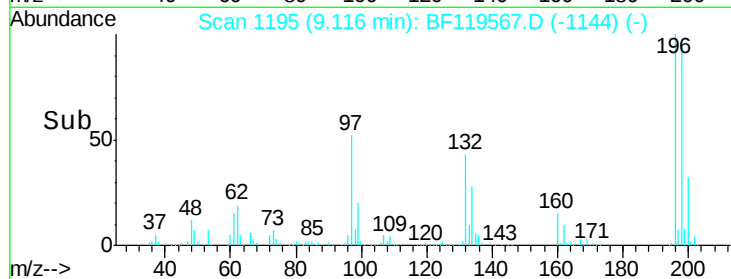
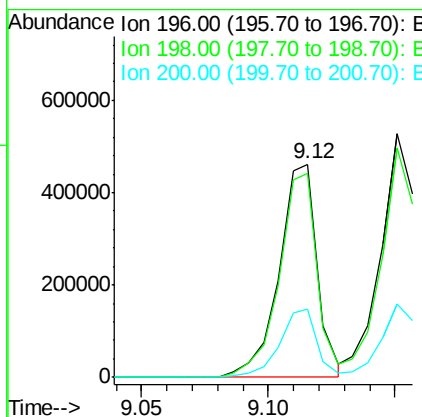
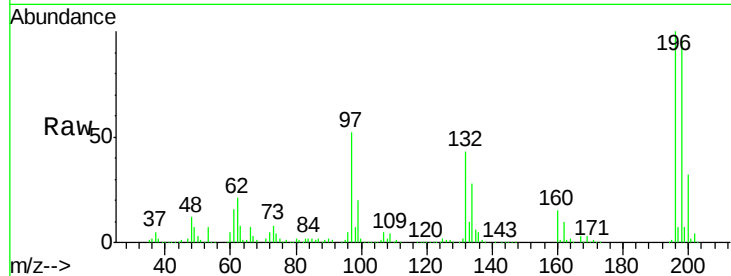
#43
 2,4,6-Trichlorophenol
 Concen: 42.393 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	485691		
198	95.9	76.6	115.0	
200	31.9	24.6	36.8	

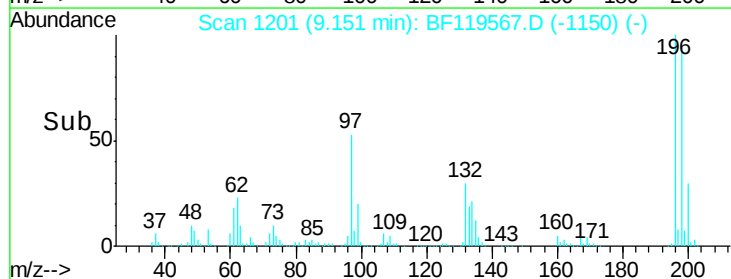
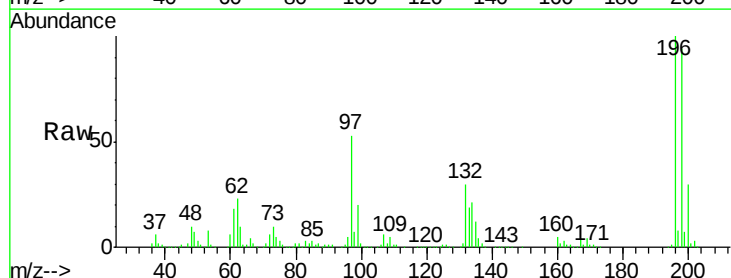
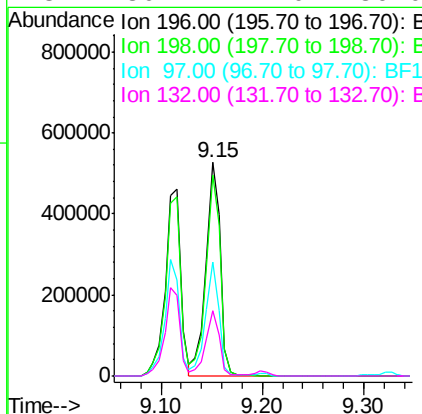
Manual Integrations
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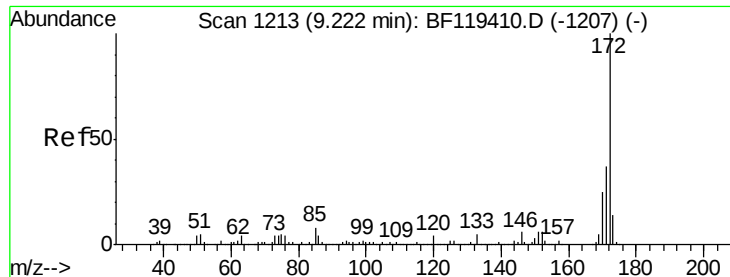
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.380 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	518244		
198	94.1	73.8	110.8	
97	53.1	42.6	63.8	
132	30.4	24.0	36.0	





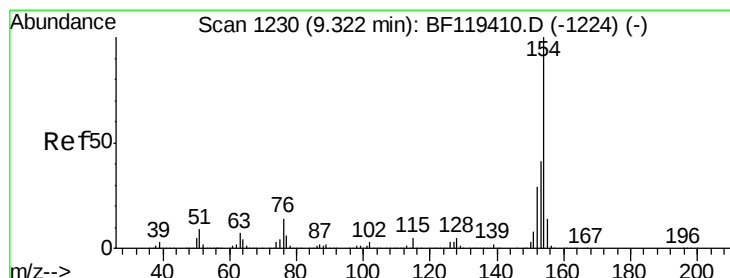
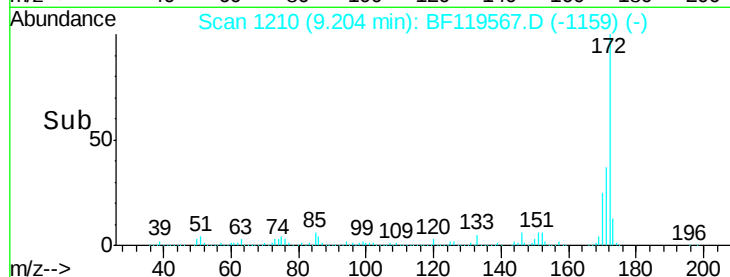
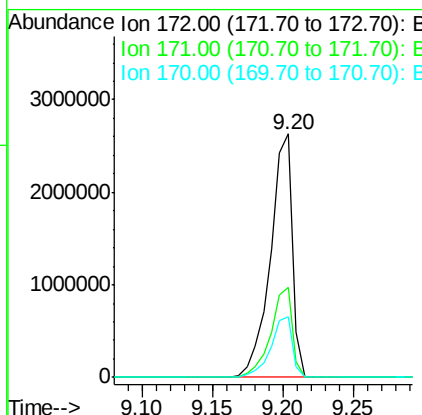
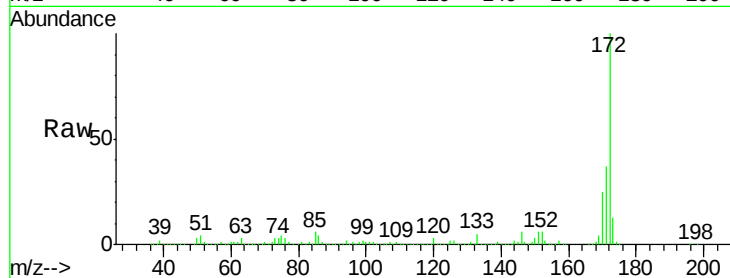
#45
2-Fluorobiphenyl
Concen: 77.782 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.9	20.2	30.2

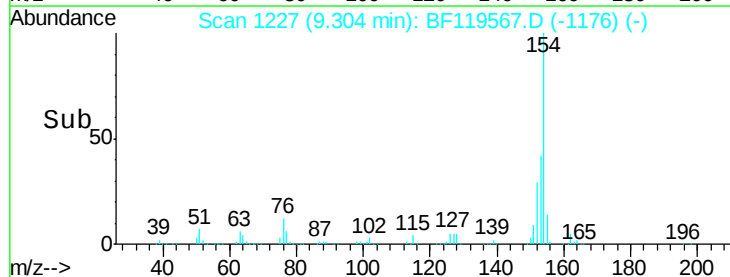
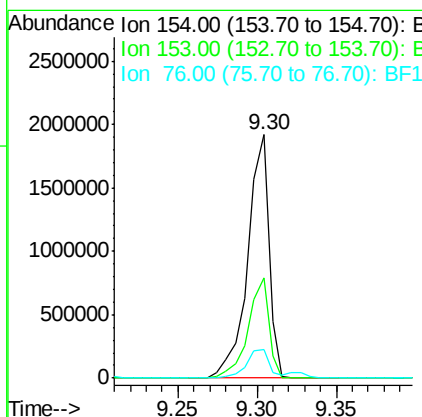
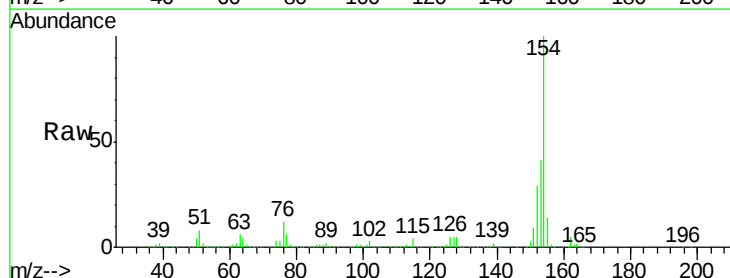
Manual Integrations
APPROVED

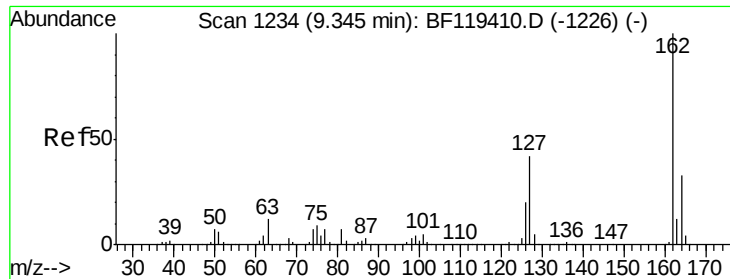
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#46
1,1'-Biphenyl
Concen: 40.029 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	11.8	0.0	33.0





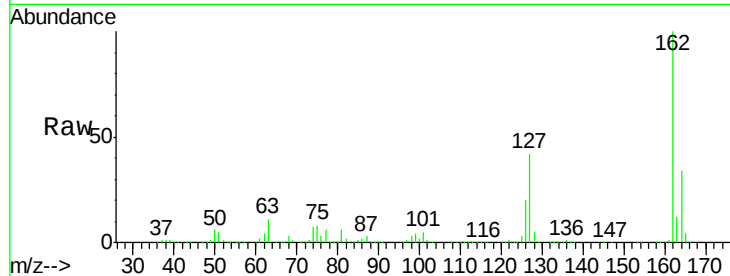
#47
2-Chloronaphthalene
Concen: 39.411 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

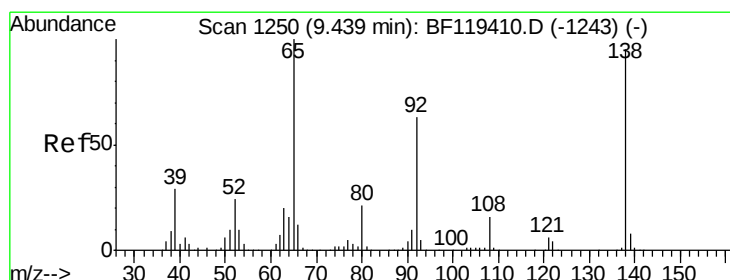
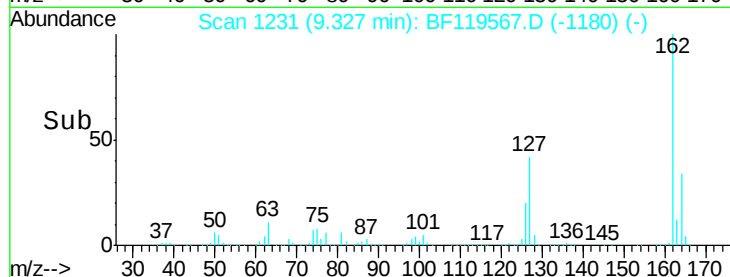
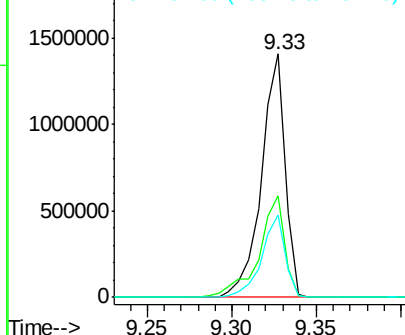
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.7	50.5
164	33.9	26.3	39.5

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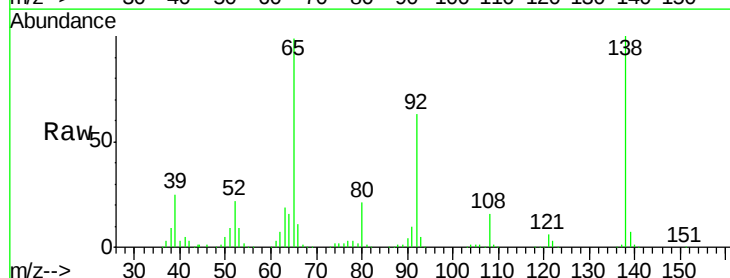


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

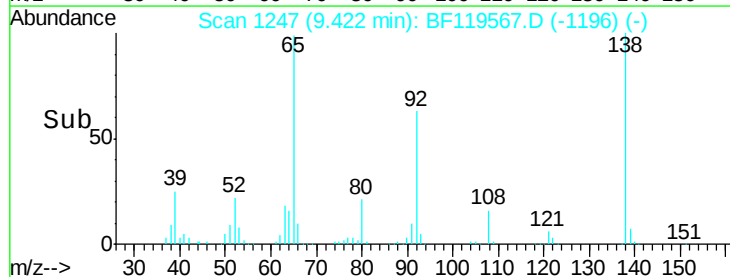
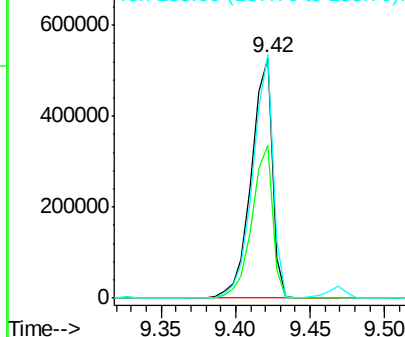


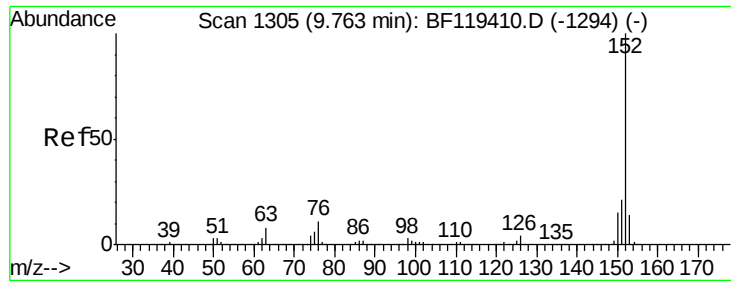
#48
2-Nitroaniline
Concen: 42.819 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	50.0	75.0
138	101.3	75.0	112.4



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





#49

Acenaphthylene

Concen: 41.058 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

ClientSampleId :

PB127823BS

Tot Ion:152 Resp: 2246713

Ion Ratio Lower Upper

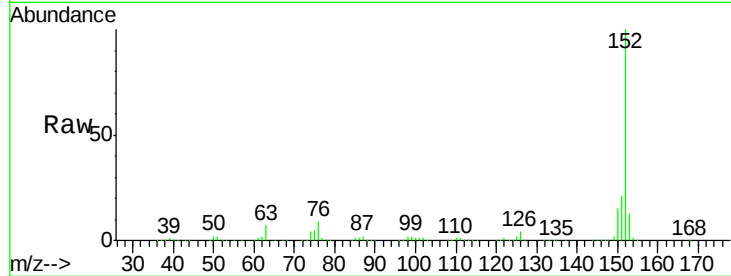
152 100

151 20.6 17.2 25.8

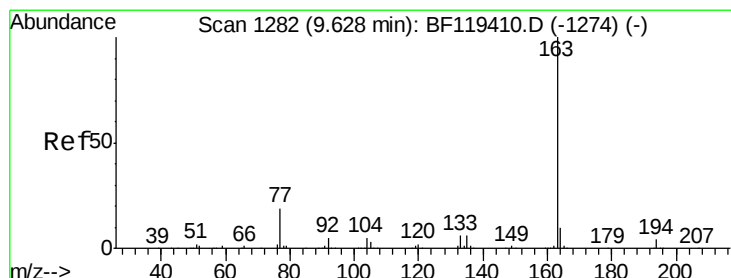
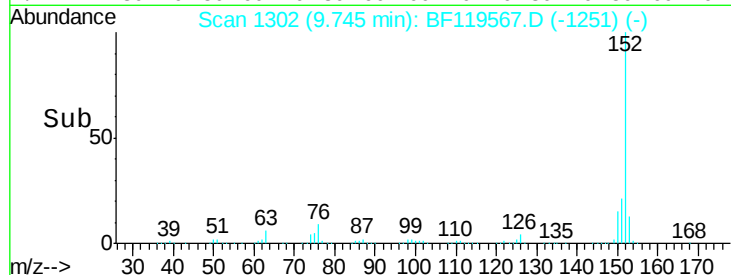
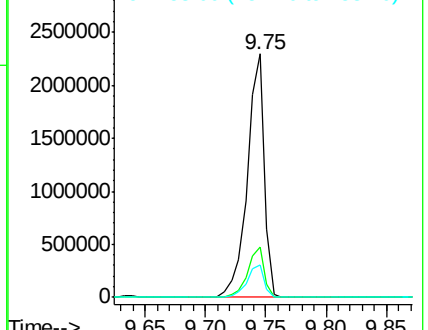
153 13.4 11.2 16.8

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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: 42.650 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

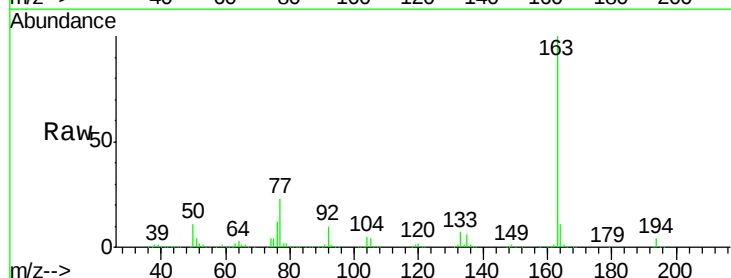
Tgt Ion:163 Resp: 1654676

Ion Ratio Lower Upper

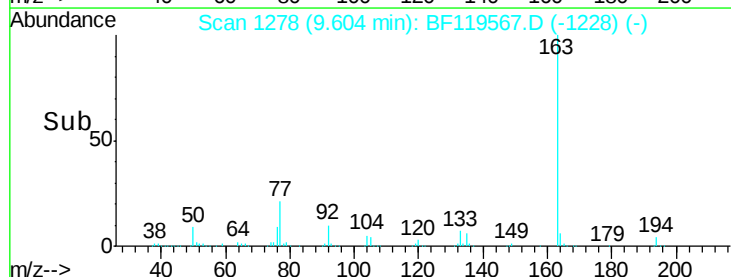
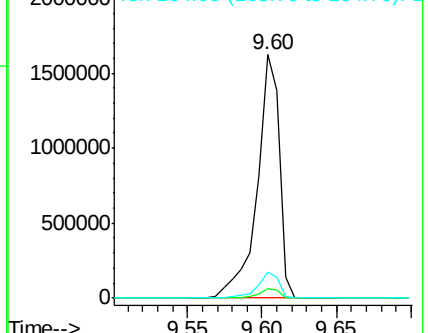
163 100

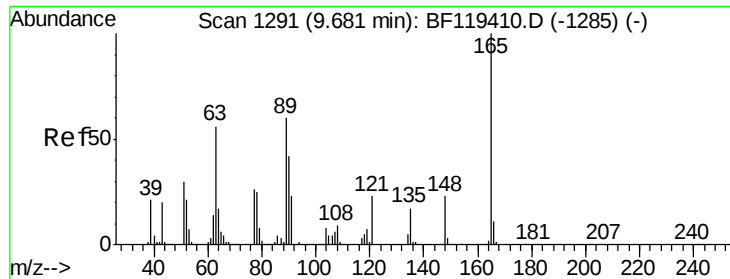
194 3.7 3.1 4.7

164 10.6 8.2 12.2



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





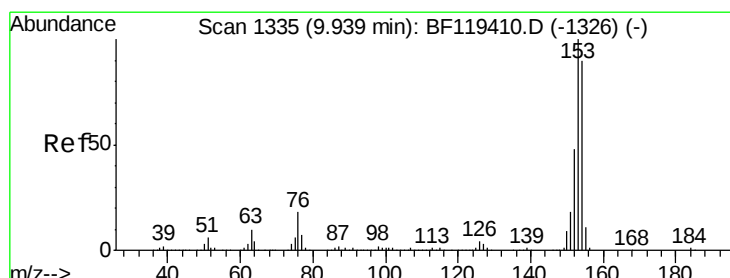
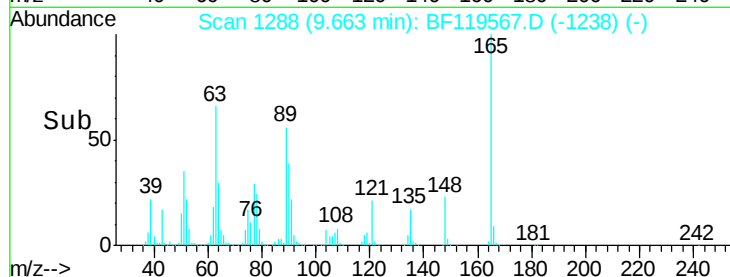
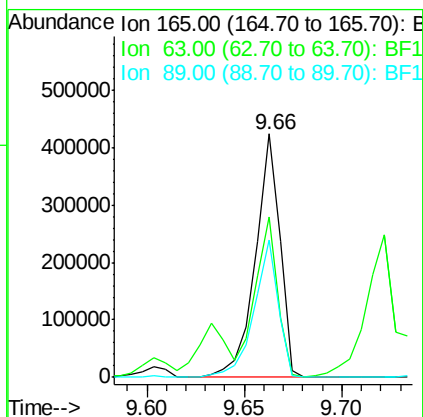
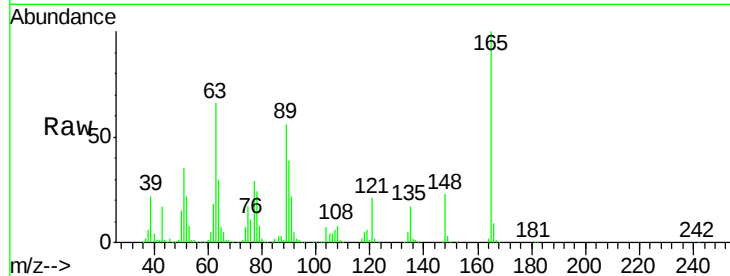
#51
2,6-Dinitrotoluene
Concen: 44.508 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	370122		
63	65.9	45.0	67.4	
89	56.5	41.5	62.3	

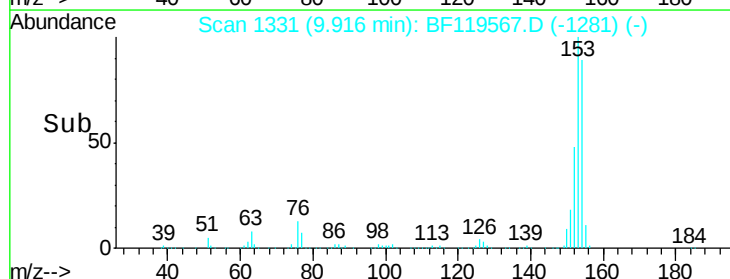
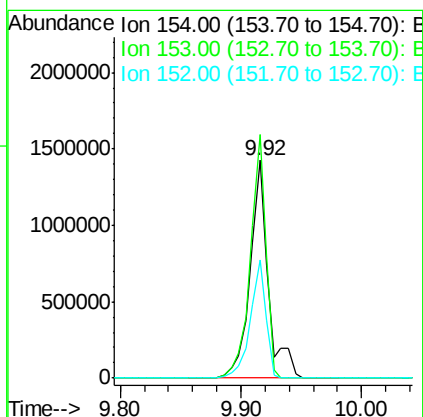
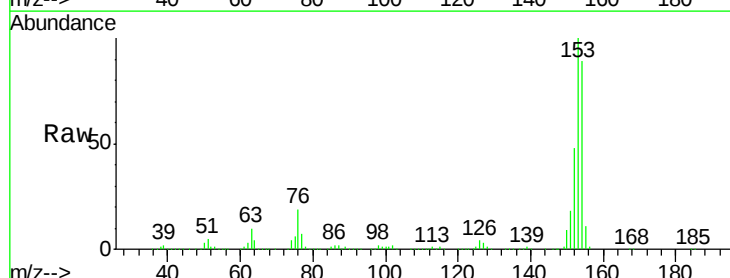
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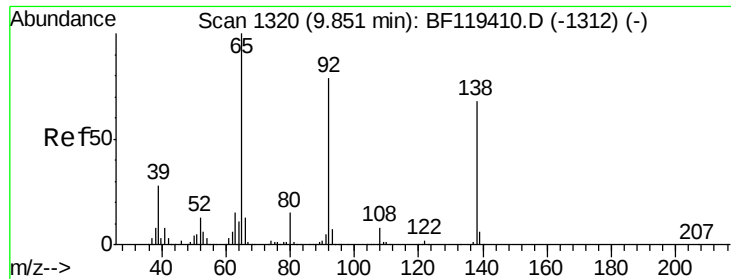
mohammad
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#52
Acenaphthene
Concen: 43.882 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1496971		
153	112.0	88.1	132.1	
152	54.2	43.0	64.4	





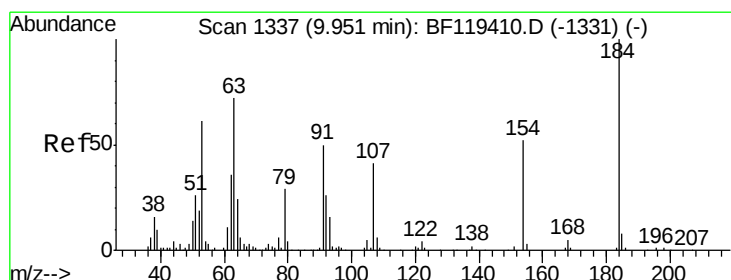
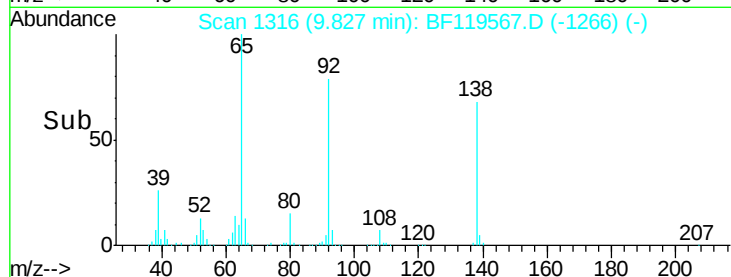
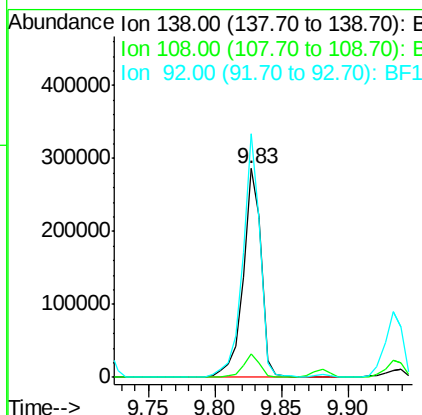
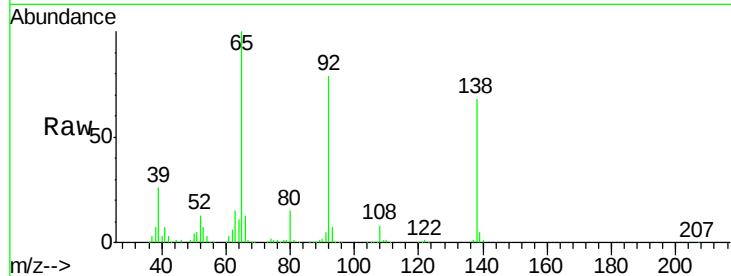
#53
3-Nitroaniline
Concen: 25.197 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	116.6	95.4	143.0

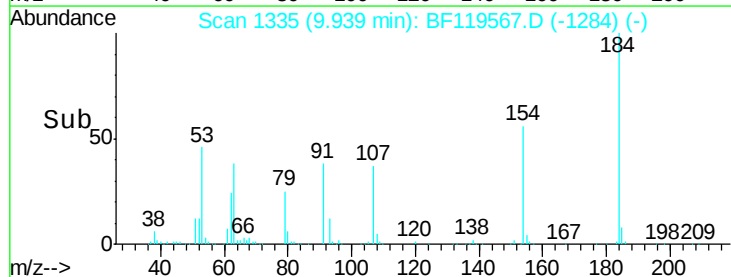
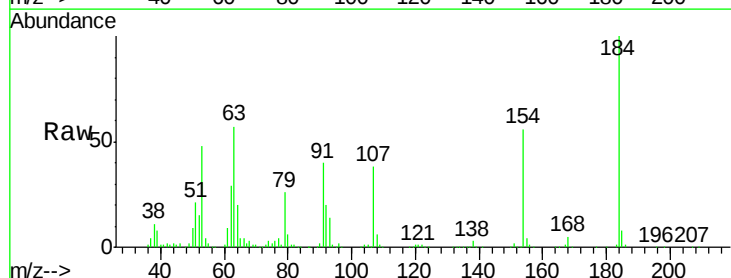
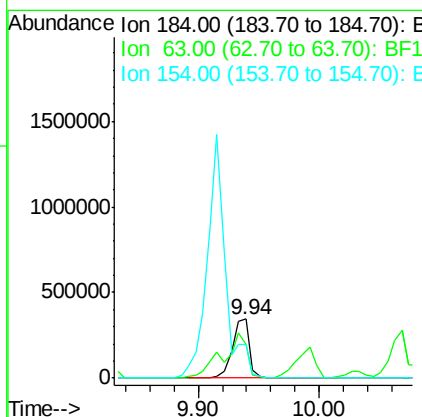
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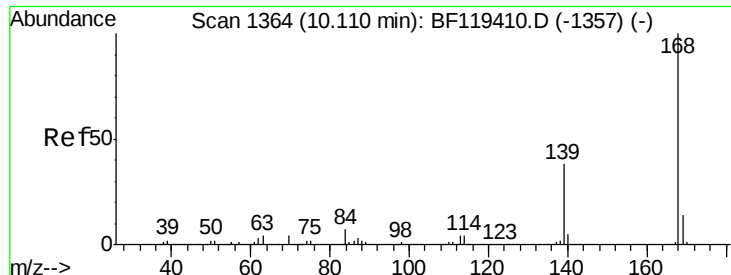
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#54
2,4-Dinitrophenol
Concen: 93.384 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	50.2	75.4
154	56.4	44.5	66.7





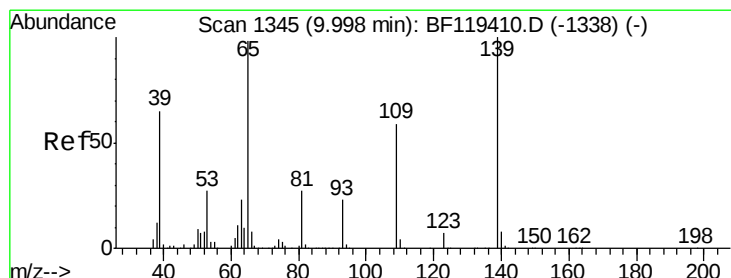
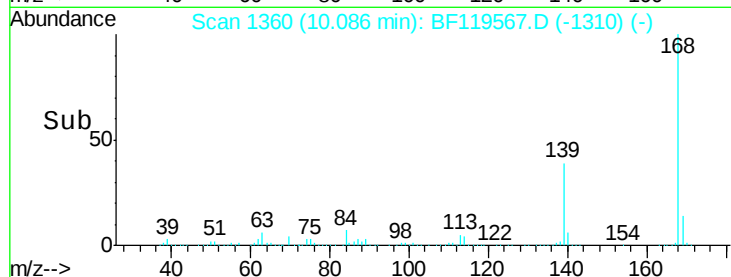
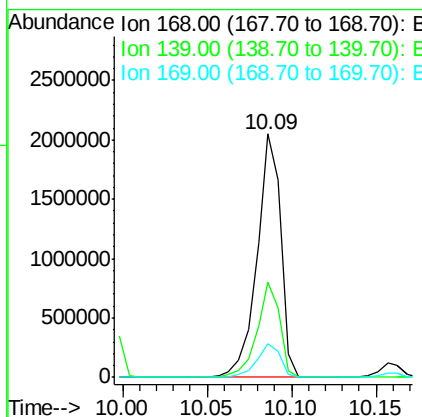
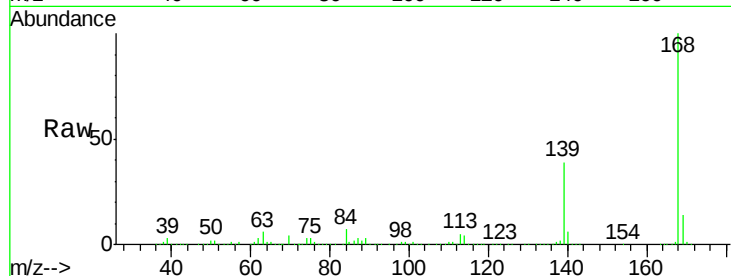
#55
Dibenzenofuran
Concen: 40.808 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.1	11.0	16.6

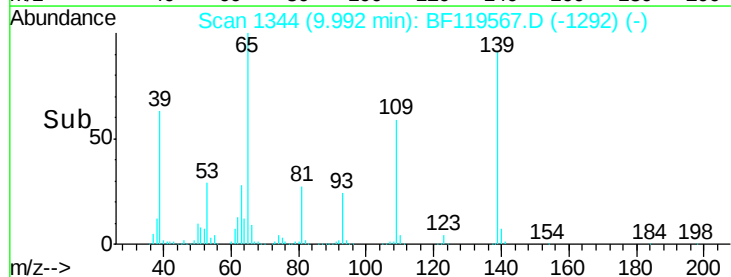
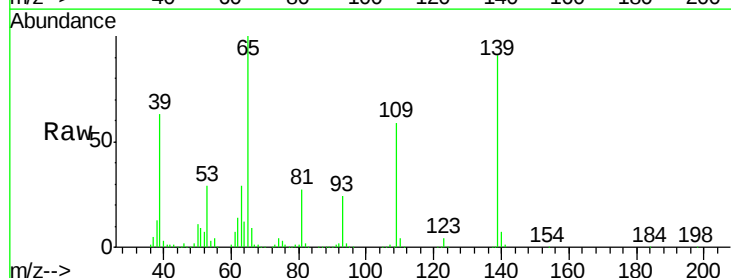
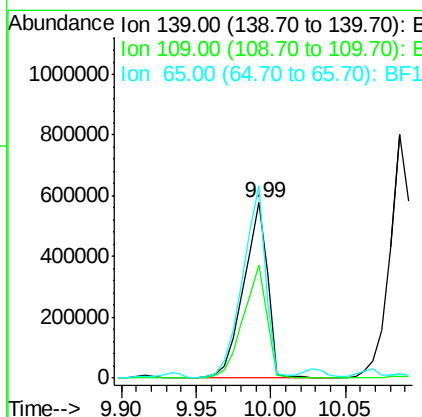
Manual Integrations
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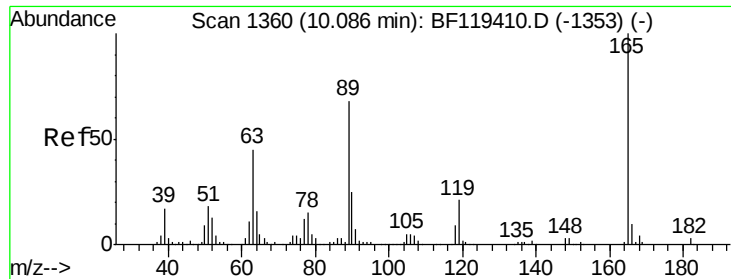
mohammad
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#56
4-Nitrophenol
Concen: 77.890 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	43.3	83.3
65	109.5	91.0	131.0





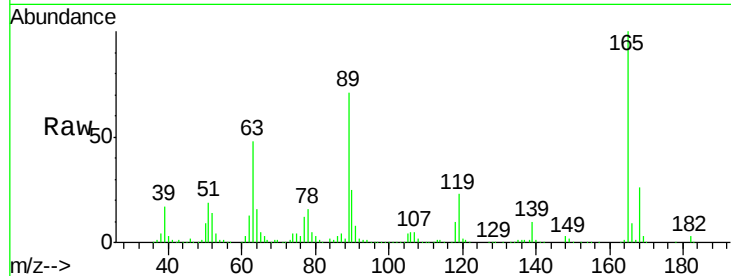
#57
2,4-Dinitrotoluene
Concen: 47.830 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	501051		
63	48.4	42.6	64.0	
89	70.9	61.0	91.4	
182	2.7	2.2	3.2	

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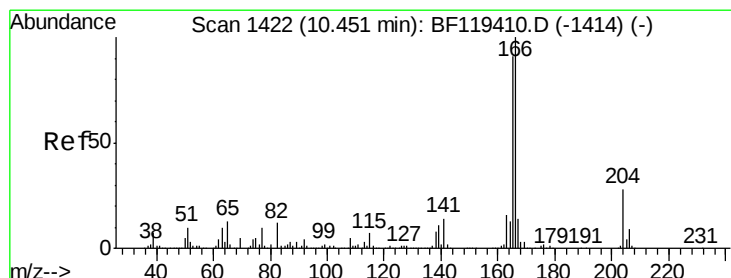
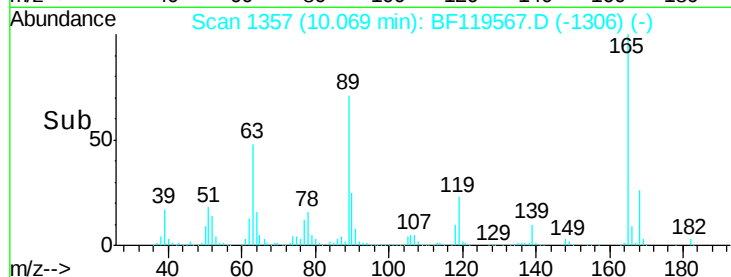
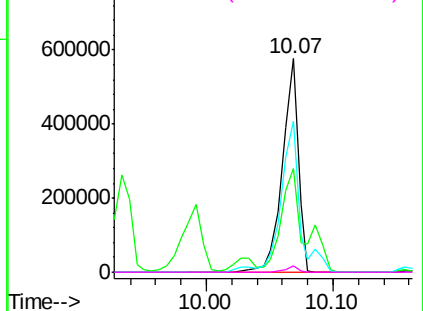


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

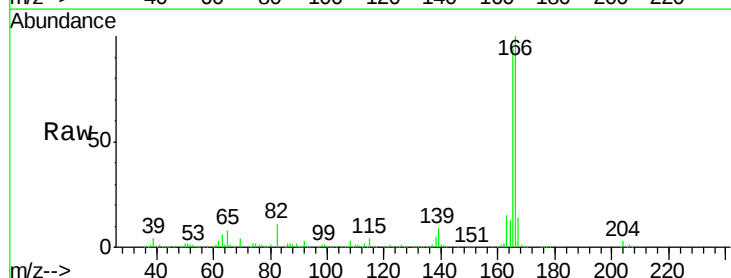
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.923 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

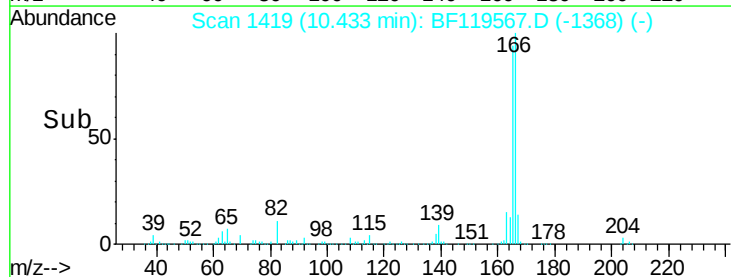
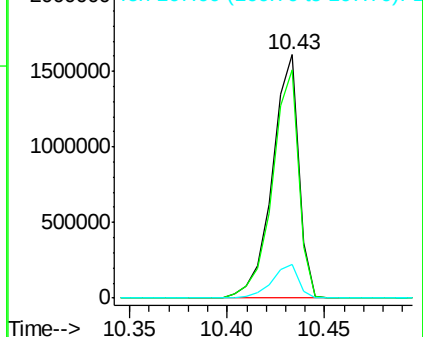
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1516291		
165	93.6	75.4	113.2	
167	13.6	11.2	16.8	

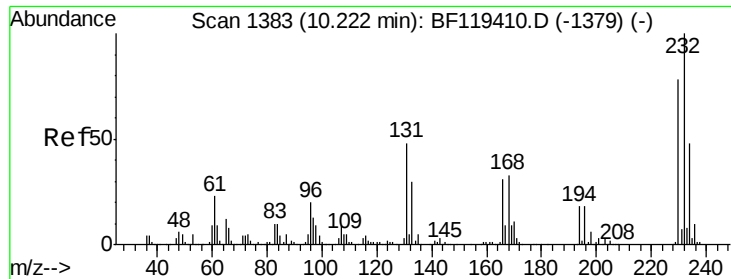


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





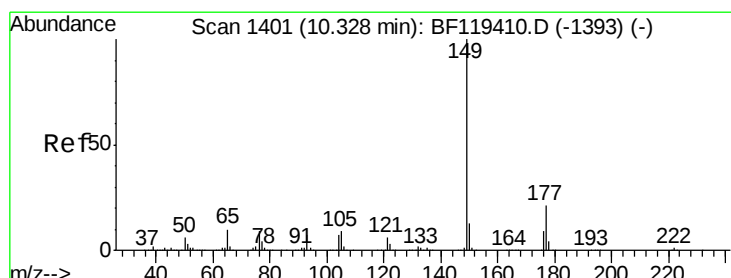
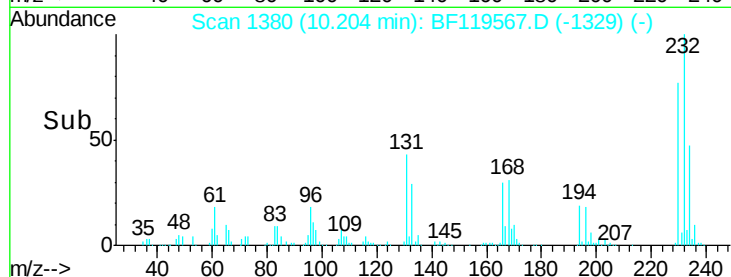
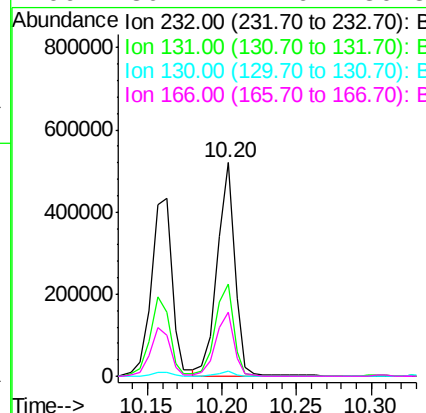
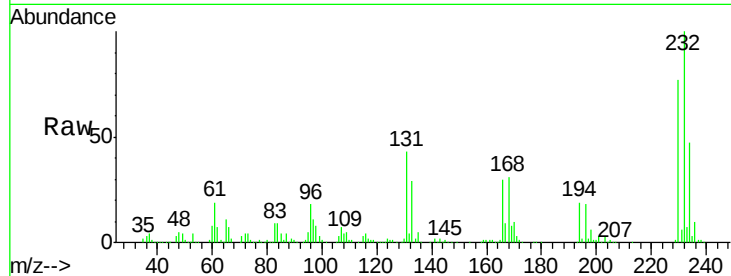
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.594 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.5	56.3
130	2.1	1.8	2.6
166	30.7	24.6	36.8

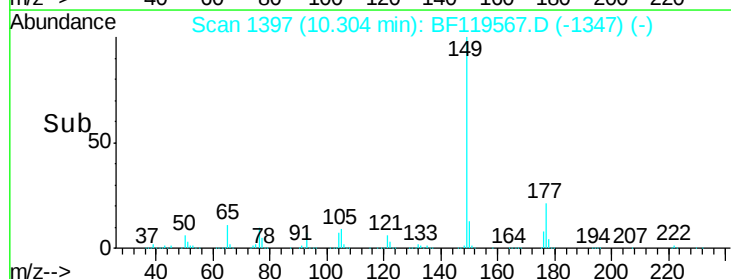
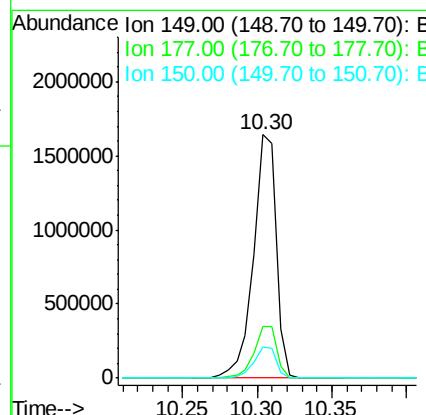
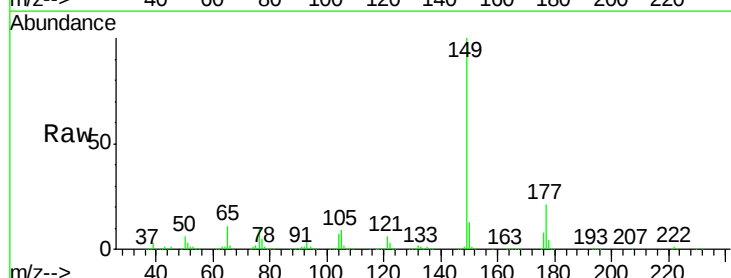
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#60
 Diethylphthalate
 Concen: 43.771 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	13.0	10.1	15.1





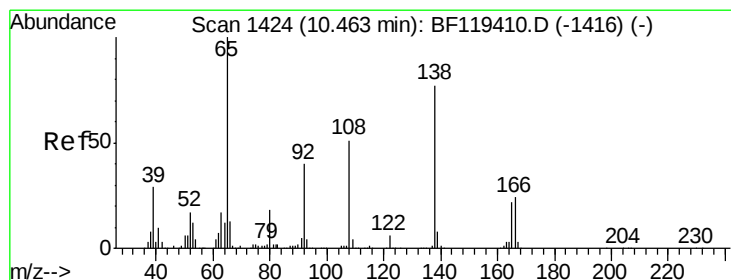
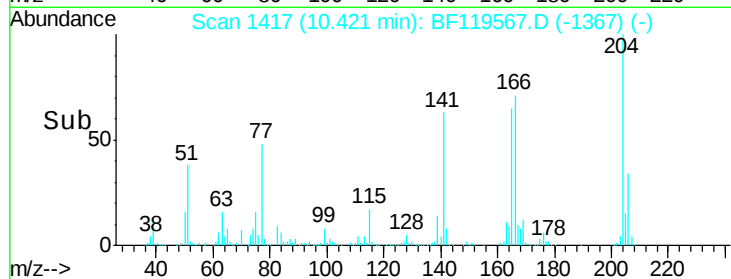
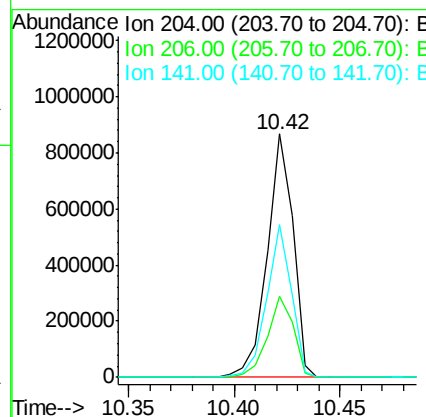
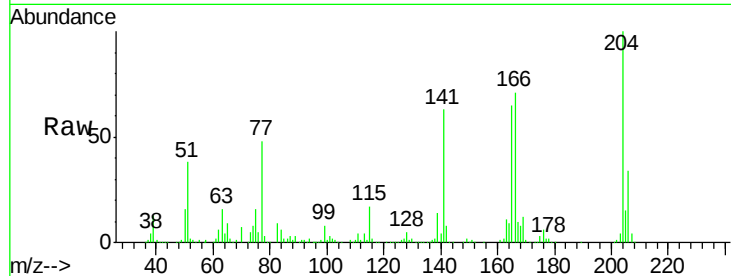
#61
4-Chlorophenyl-phenylether
Concen: 41.794 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	63.0	47.3	70.9

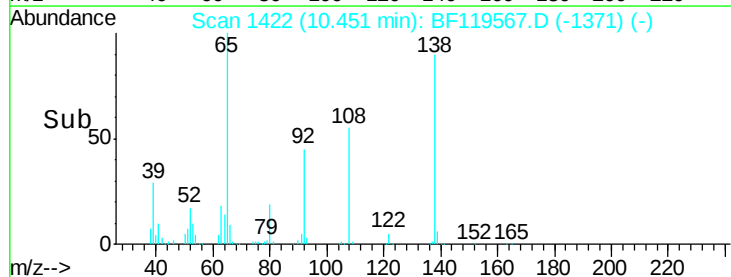
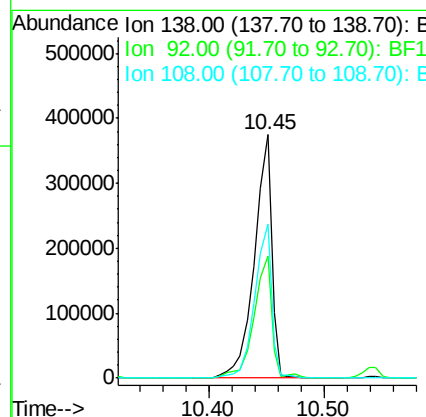
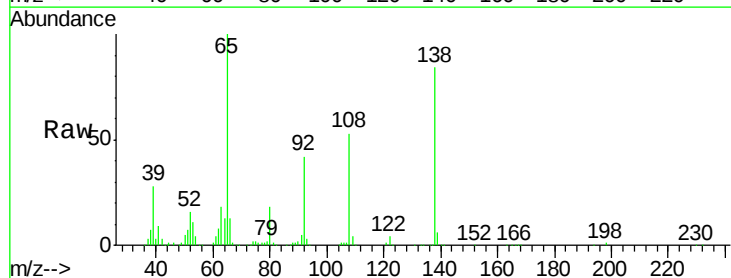
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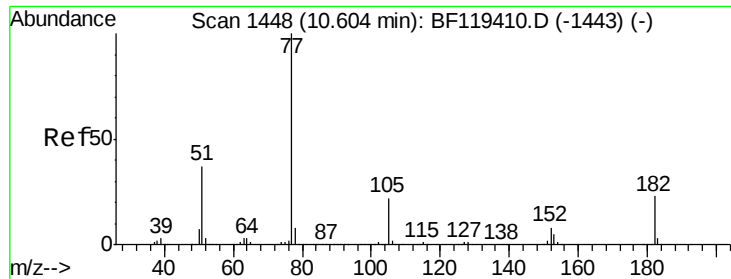
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#62
4-Nitroaniline
Concen: 39.048 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.5	71.5
108	63.2	45.8	85.8





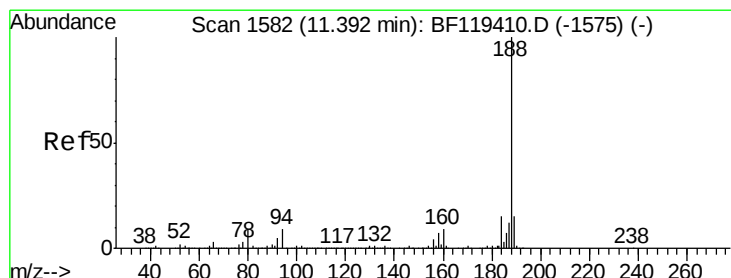
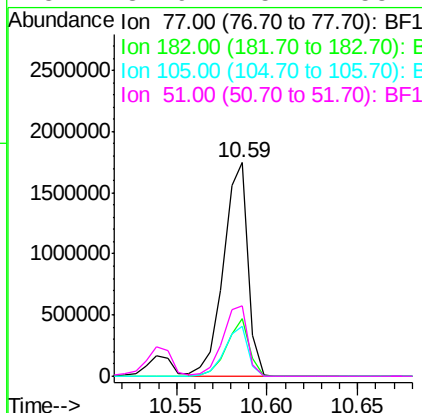
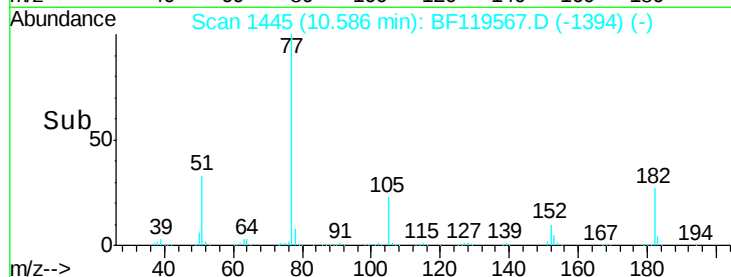
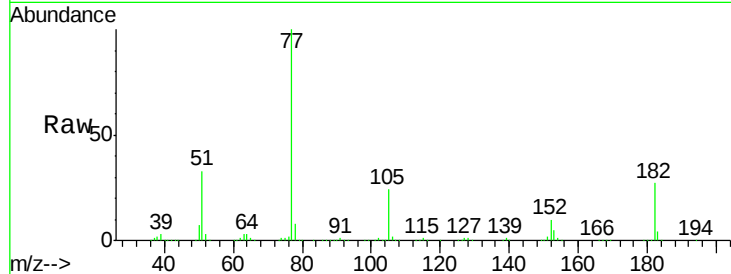
#63
Azobenzene
Concen: 41.097 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion: 77 Resp: 1629606
Ion Ratio Lower Upper
77 100
182 27.1 4.4 44.4
105 23.6 2.6 42.6
51 32.9 15.1 55.1

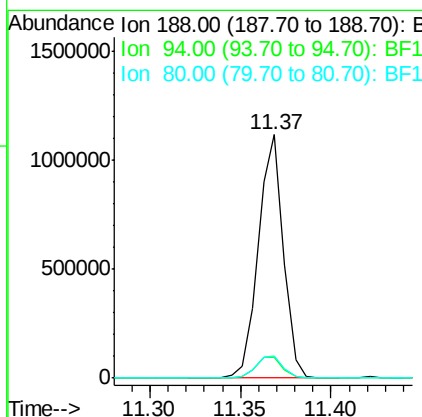
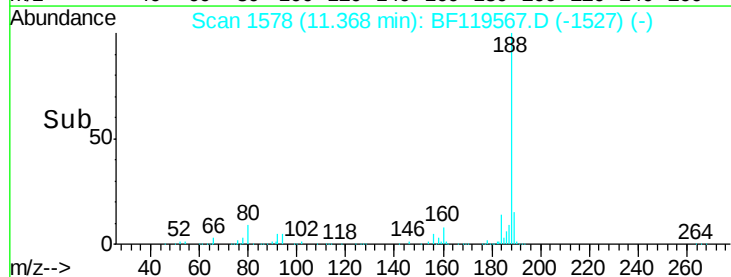
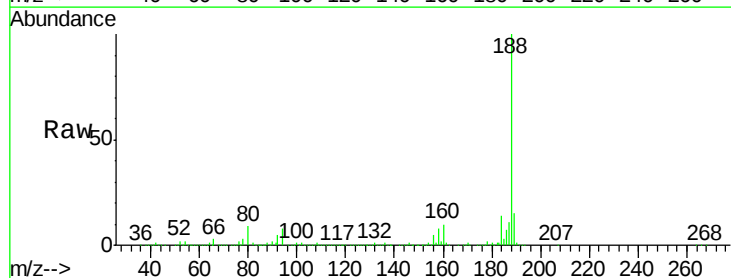
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion: 188 Resp: 1064359
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.0 9.0 13.4





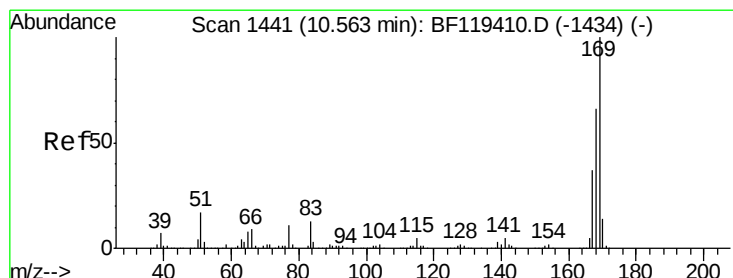
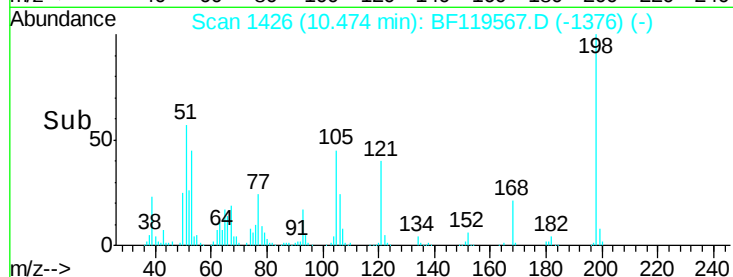
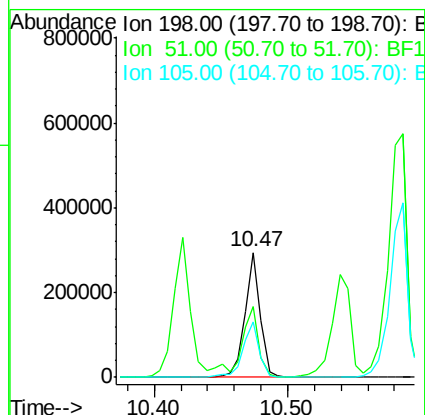
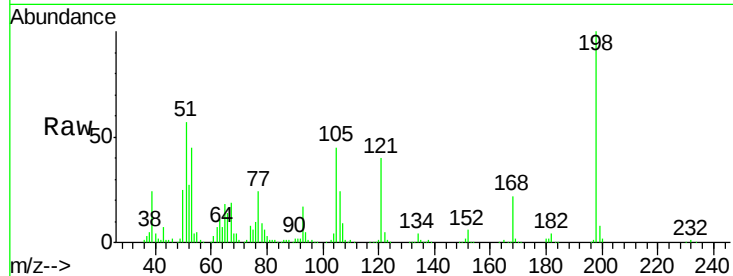
#65
4,6-Dinitro-2-methylphenol
Concen: 52.790 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	235610		
51	56.8	29.0	69.0	
105	44.6	22.2	62.2	

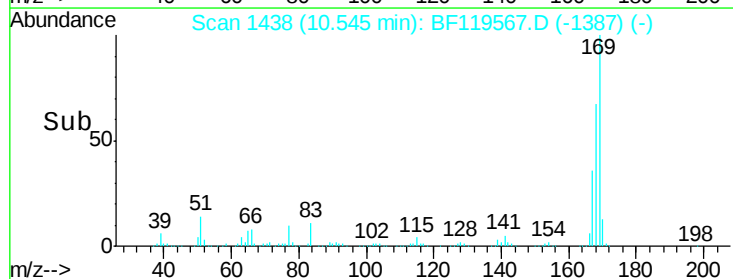
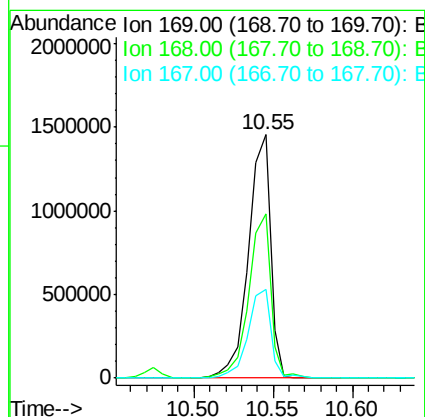
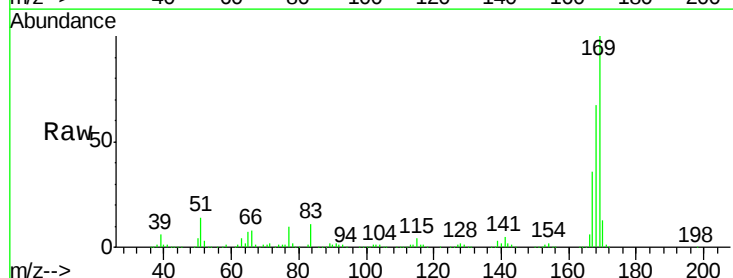
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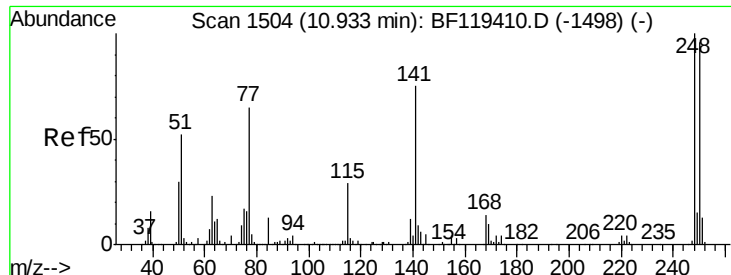
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#66
n-Nitrosodiphenylamine
Concen: 40.340 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1409525		
168	67.3	53.2	79.8	
167	36.4	29.1	43.7	





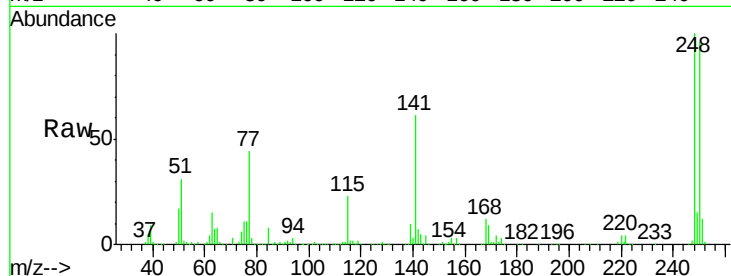
#67
4-Bromophenyl-phenylether
Concen: 40.382 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

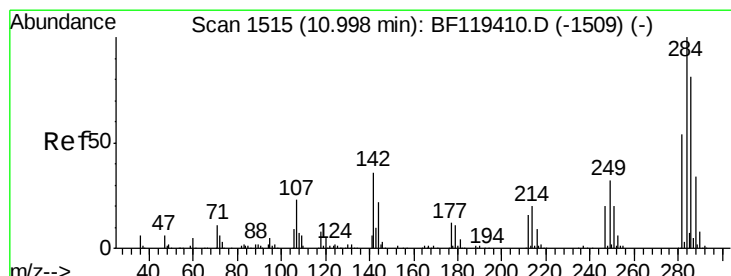
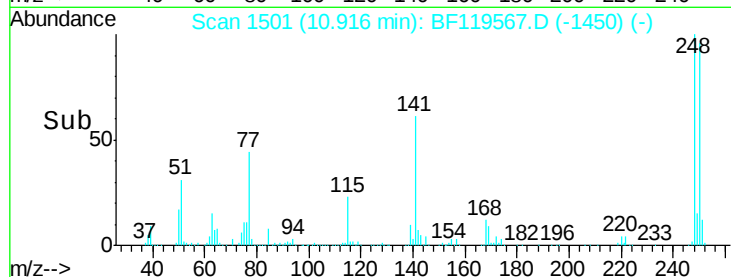
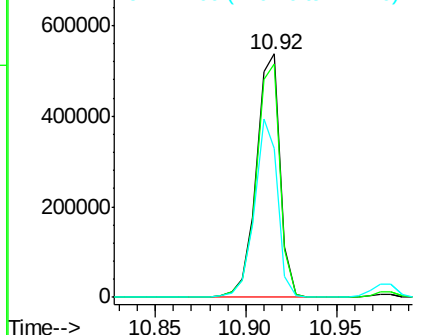
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.3	115.9
141	61.2	58.6	87.8

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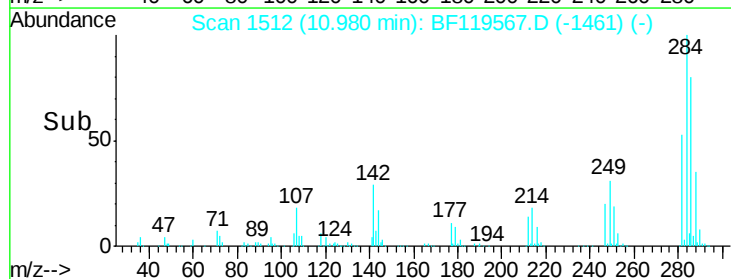
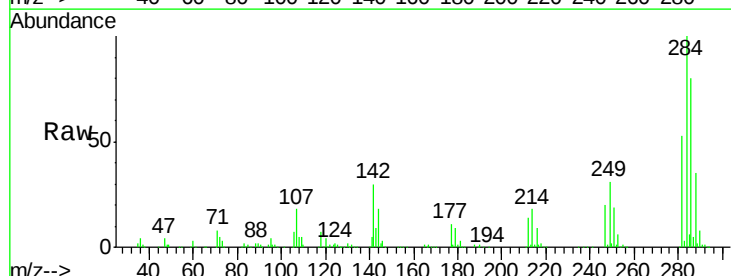
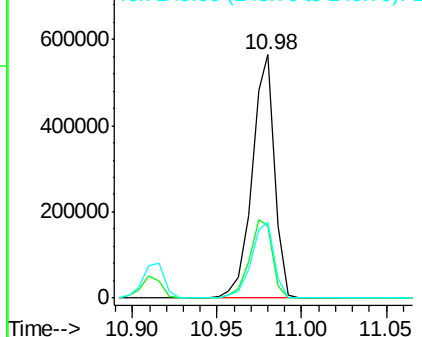
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

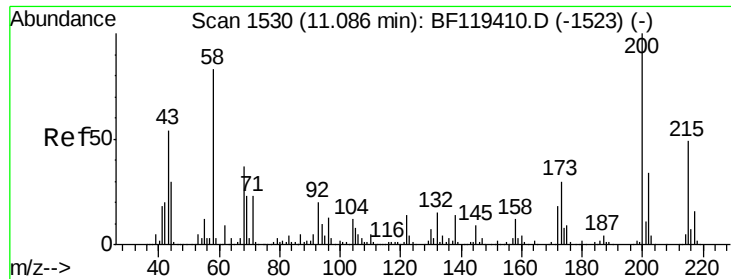


#68
Hexachlorobenzene
Concen: 42.255 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	29.2	43.8
249	31.0	25.1	37.7

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





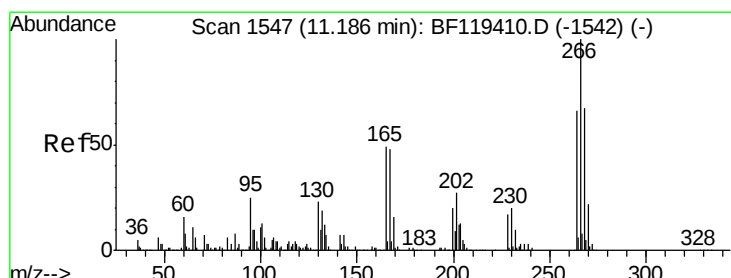
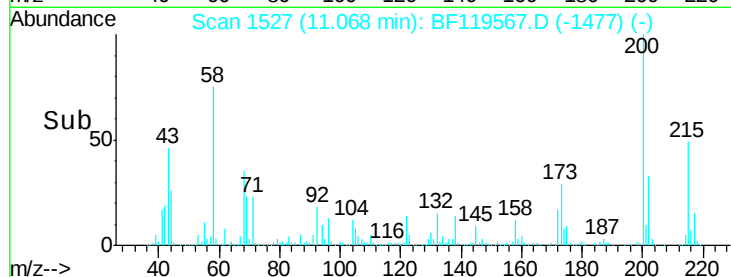
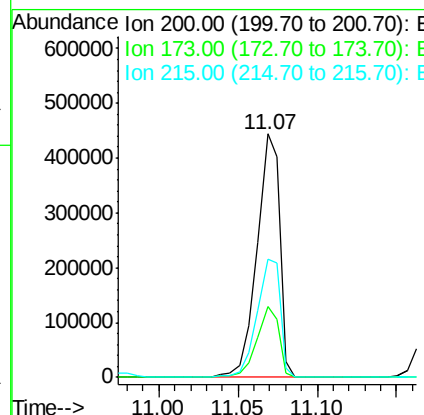
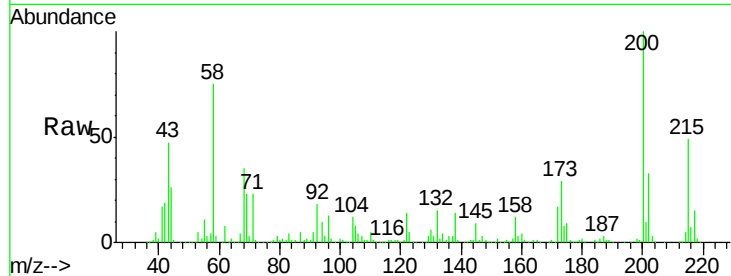
#69
 Atrazine
 Concen: 46.188 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	442439		
173	28.9	9.3	49.3	
215	48.8	29.5	69.5	

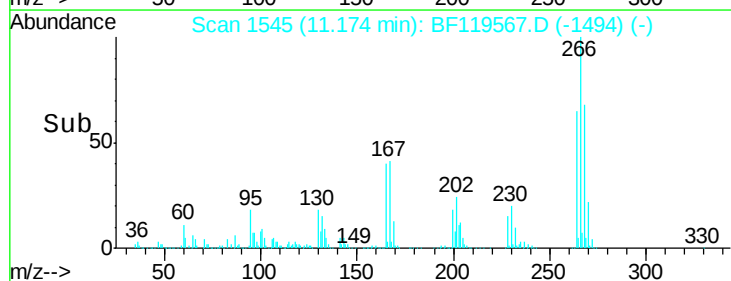
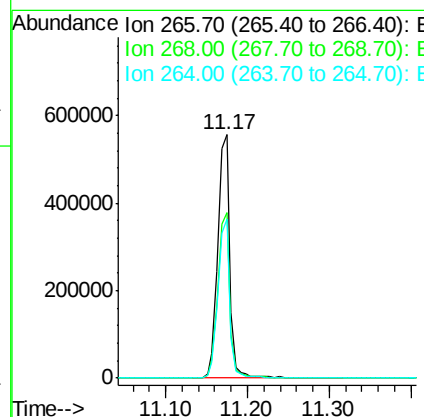
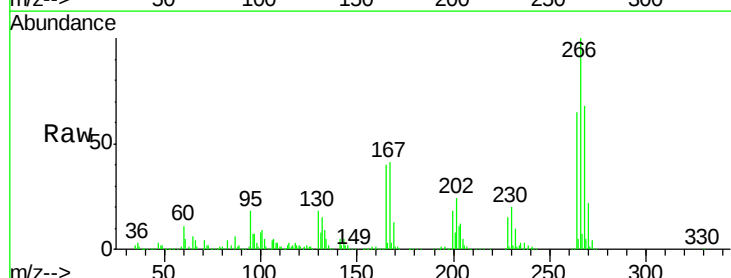
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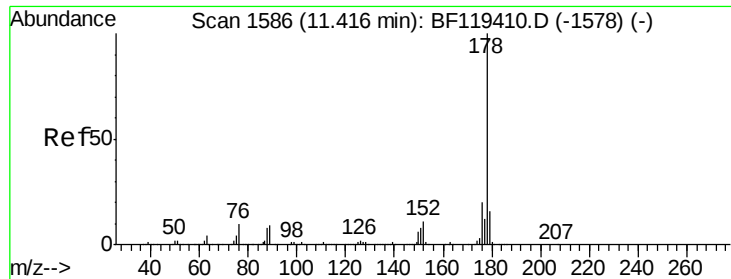
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#70
 Pentachlorophenol
 Concen: 79.167 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	575896		
268	67.8	53.3	79.9	
264	65.2	49.0	73.4	





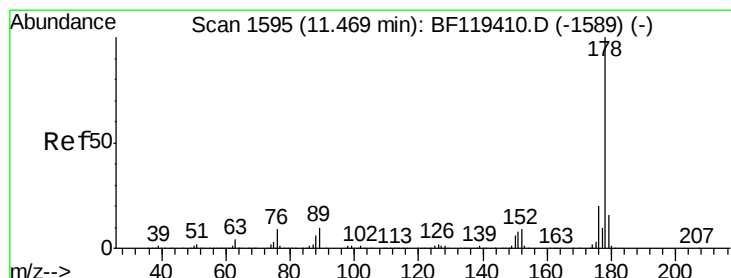
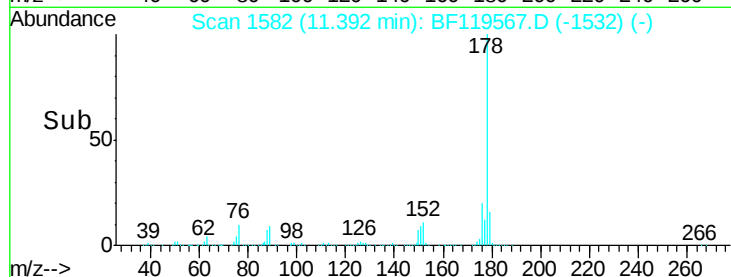
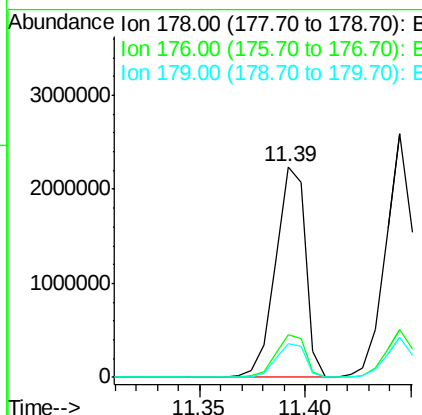
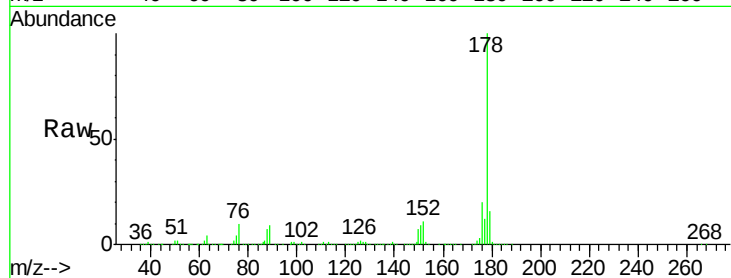
#71
Phenanthrene
Concen: 40.169 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion:178 Resp: 2216923
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.2 13.2 19.8

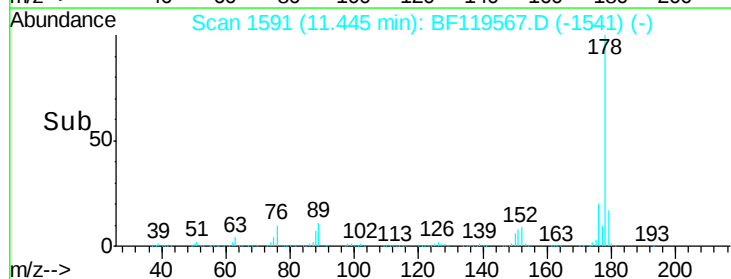
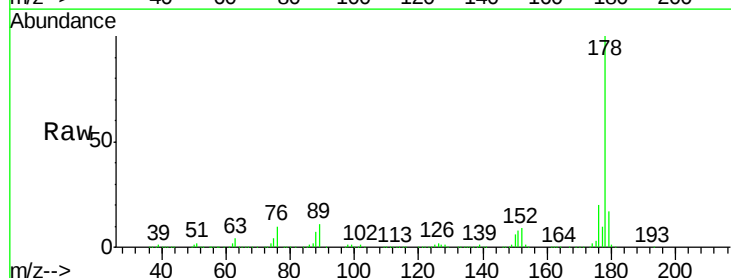
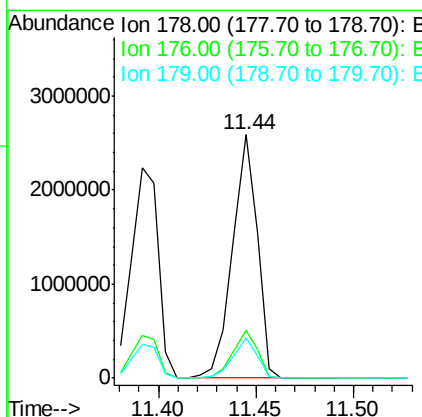
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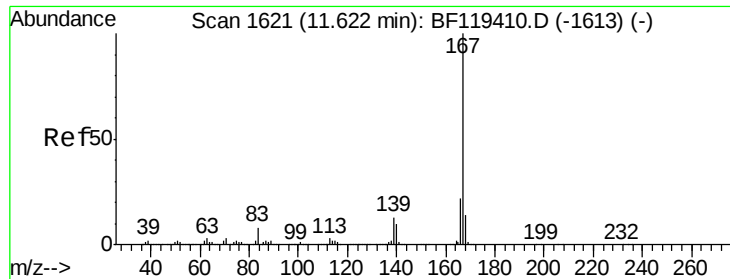
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#72
Anthracene
Concen: 40.719 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion:178 Resp: 2283971
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.6 13.0 19.4





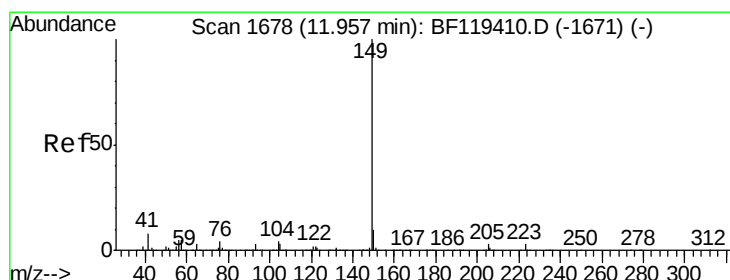
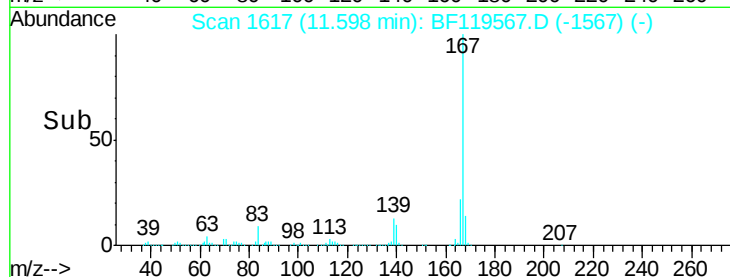
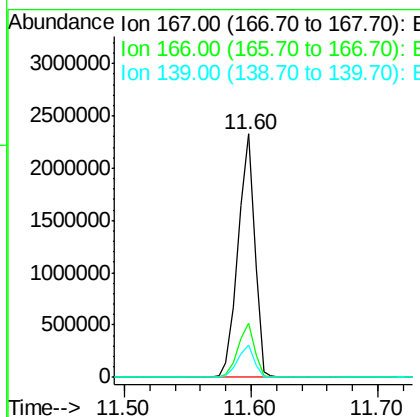
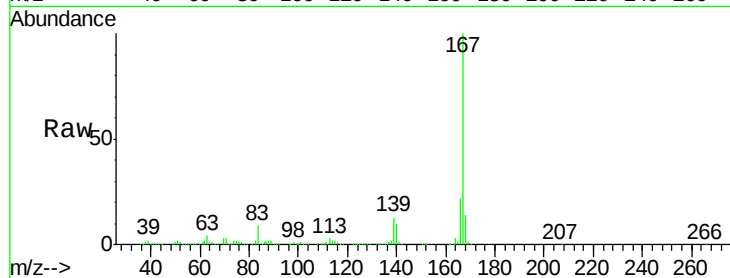
#73
 Carbazole
 Concen: 37.806 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.2	10.7	16.1

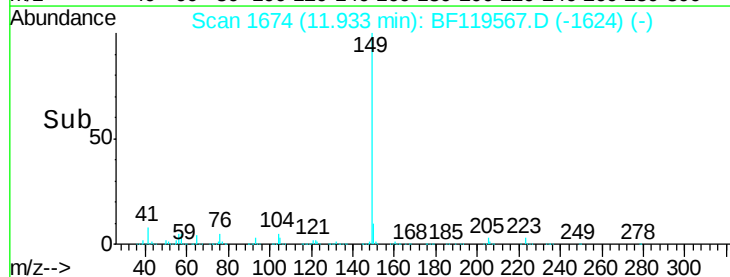
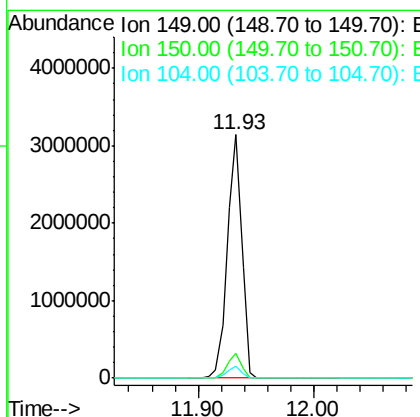
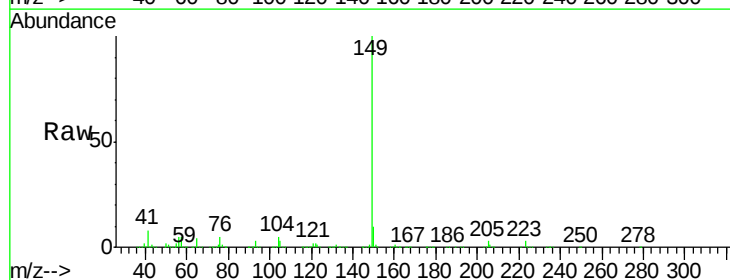
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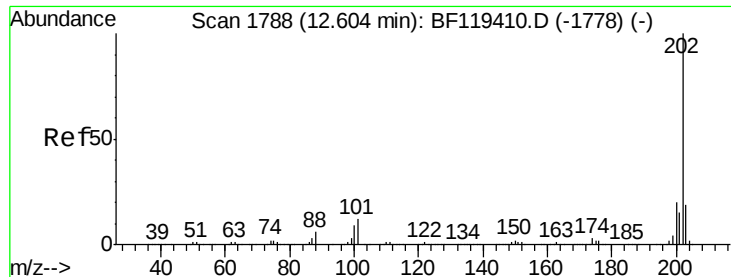
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#74
 Di-n-butylphthalate
 Concen: 45.649 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	4.9	3.6	5.4





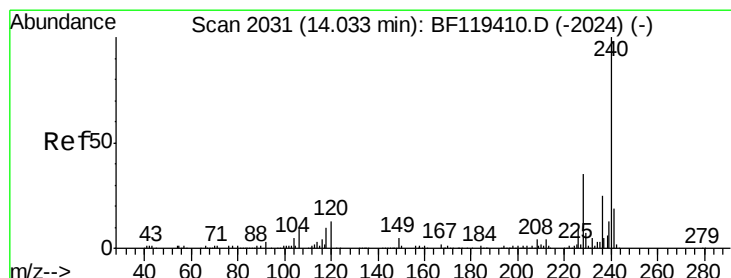
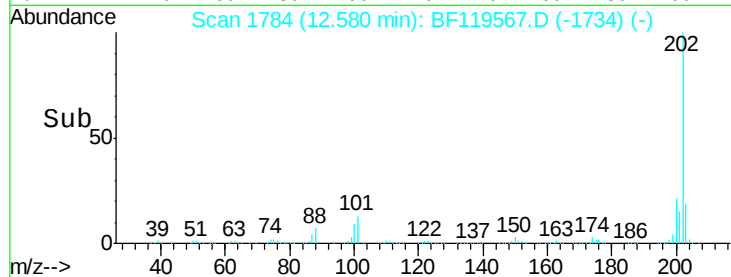
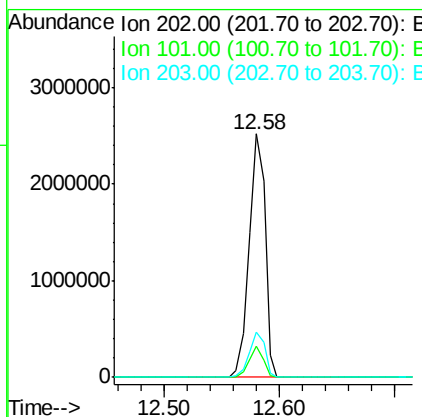
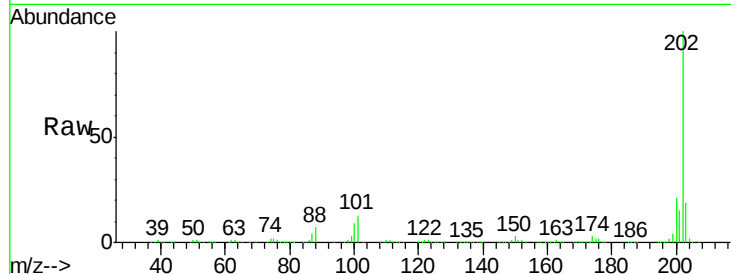
#75
 Fluoranthene
 Concen: 40.419 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.2
203	18.5	0.0	38.8

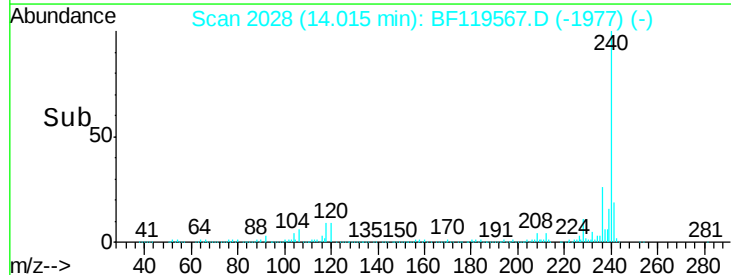
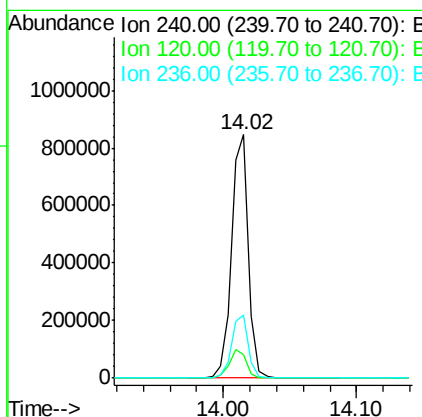
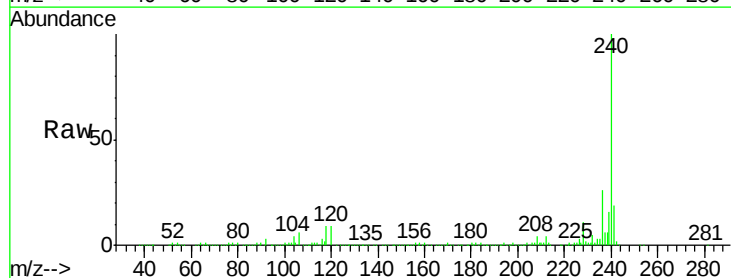
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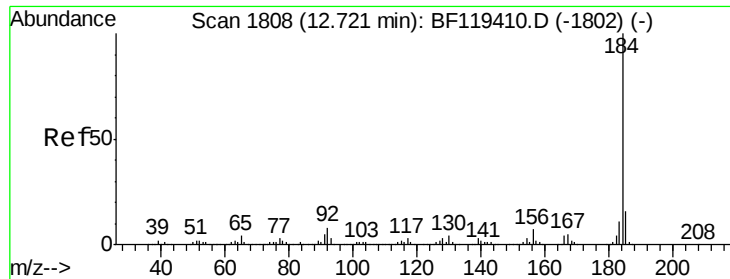
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.6	15.8#
236	26.1	20.2	30.2





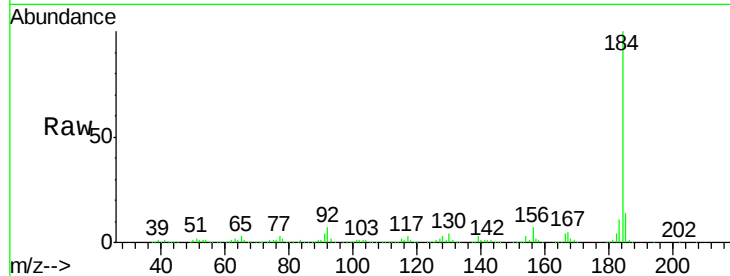
#77
Benzidine
Concen: 37.921 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

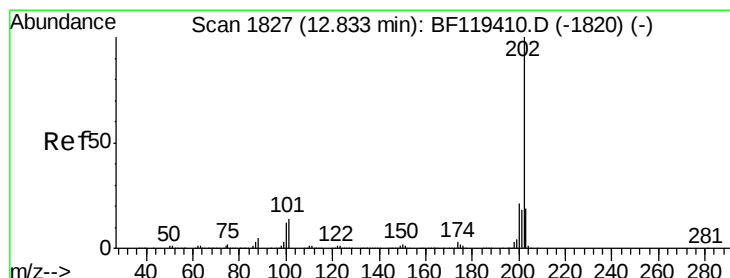
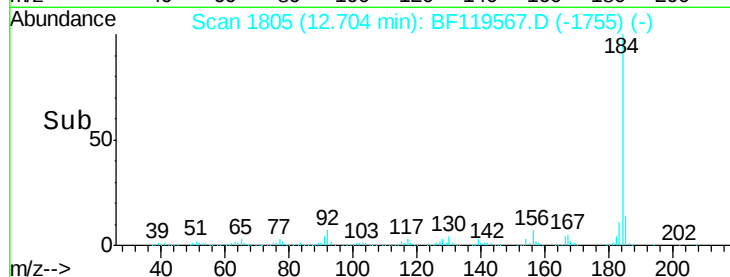
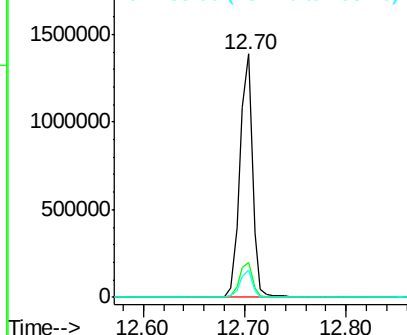
Tot Ion:184 Resp: 1201383
Ion Ratio Lower Upper
184 100
185 14.3 12.3 18.5
183 11.1 9.0 13.6

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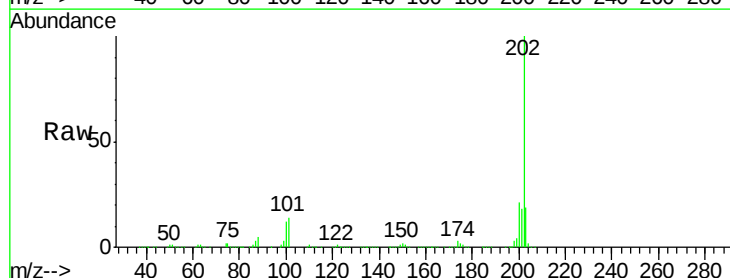


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

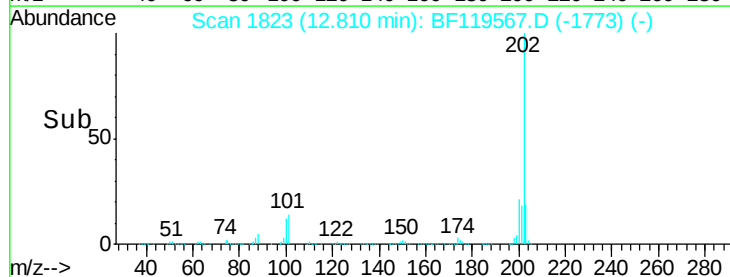
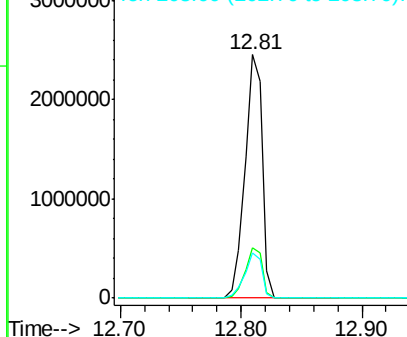


#78
Pyrene
Concen: 39.780 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion:202 Resp: 2443995
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 18.7 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





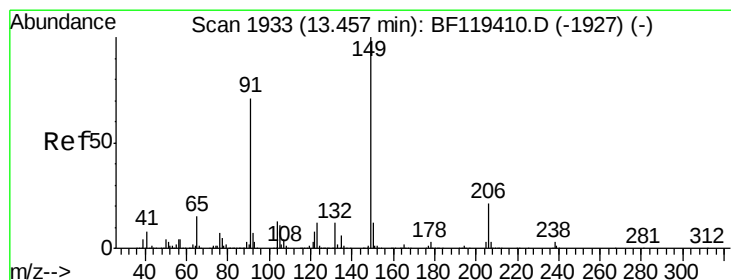
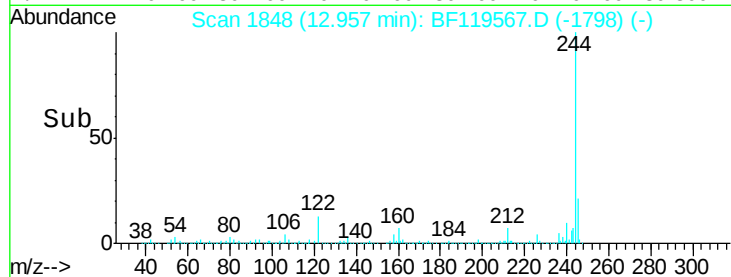
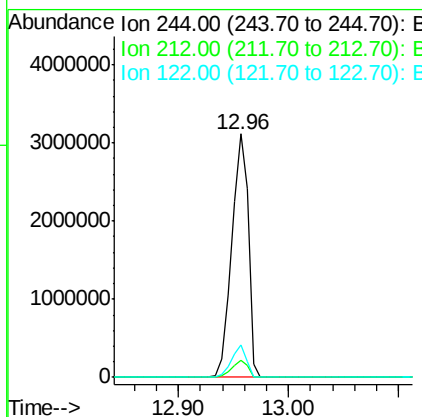
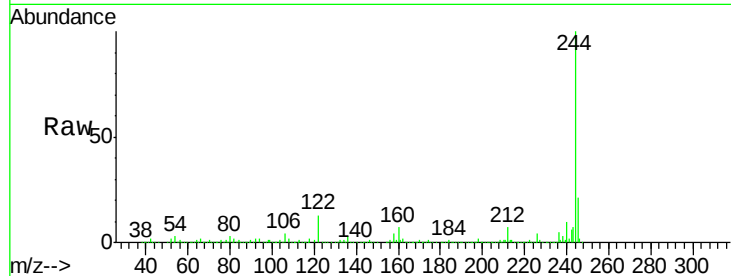
#79
Terphenyl-d14
Concen: 86.112 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion:244 Resp: 3290347
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 13.2 10.3 15.5

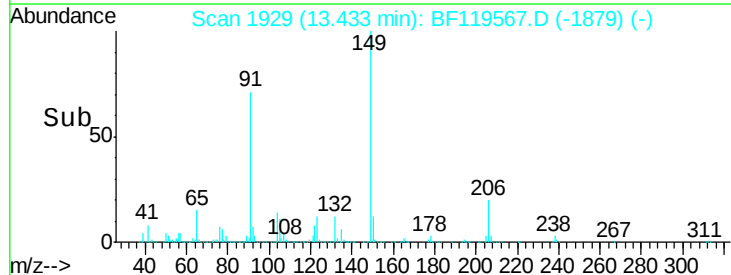
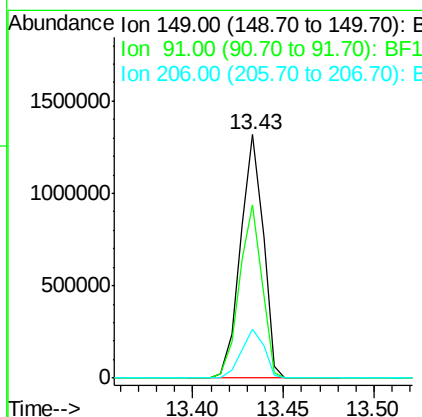
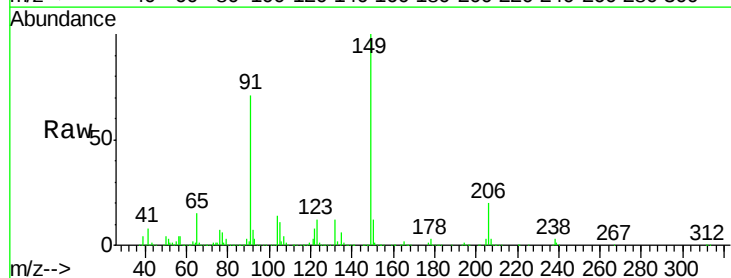
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#80
Butylbenzylphthalate
Concen: 46.154 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion:149 Resp: 1146866
Ion Ratio Lower Upper
149 100
91 71.4 54.7 82.1
206 19.9 16.2 24.2





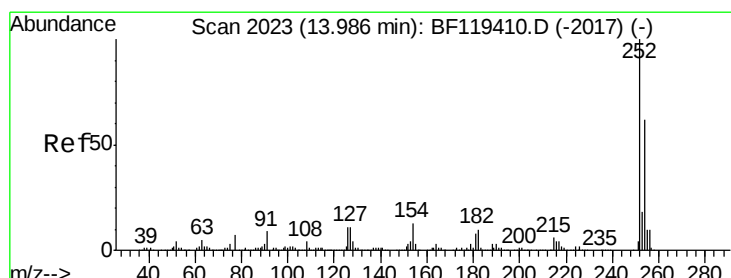
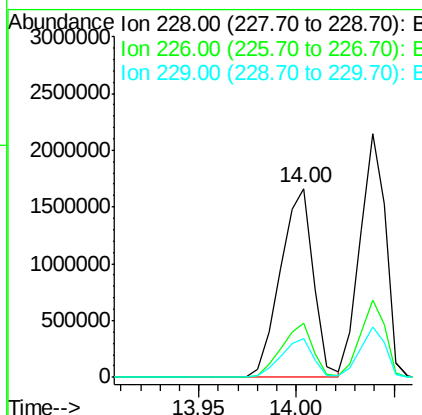
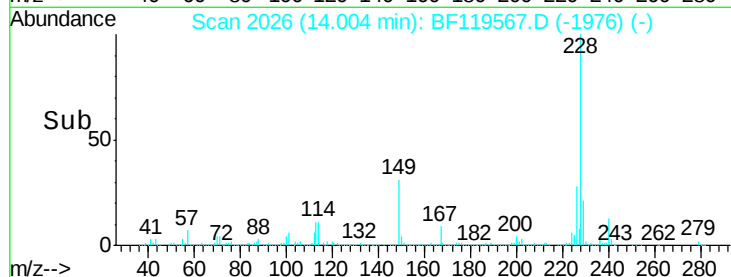
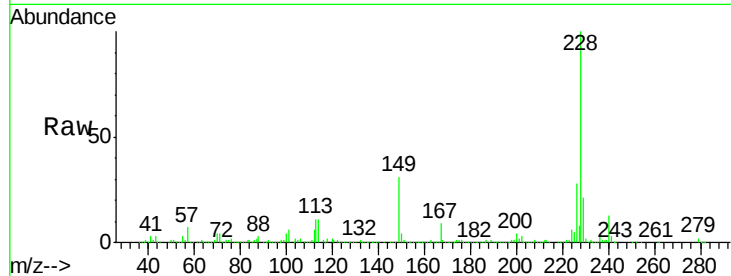
#81
Benzo(a)anthracene
Concen: 39.873 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.7	16.2	24.4

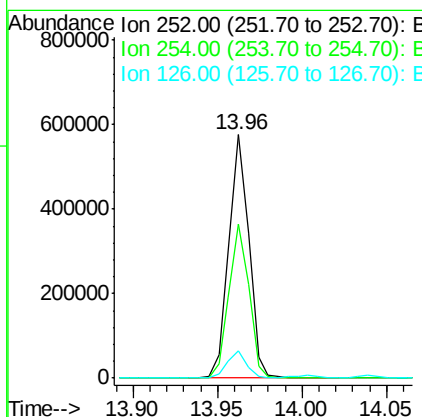
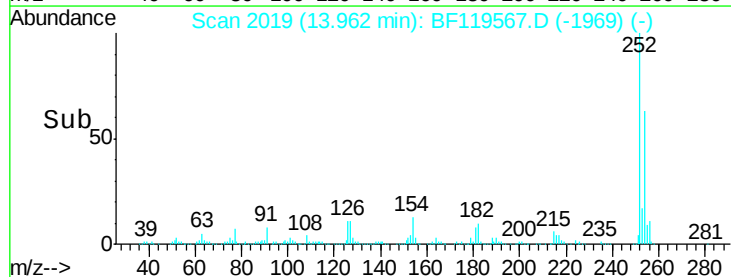
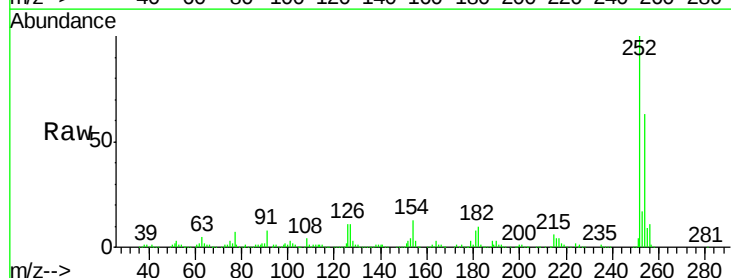
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#82
3,3'-Dichlorobenzidine
Concen: 24.782 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	11.1	9.6	14.4





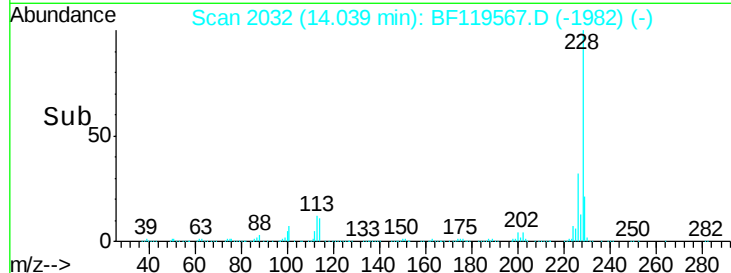
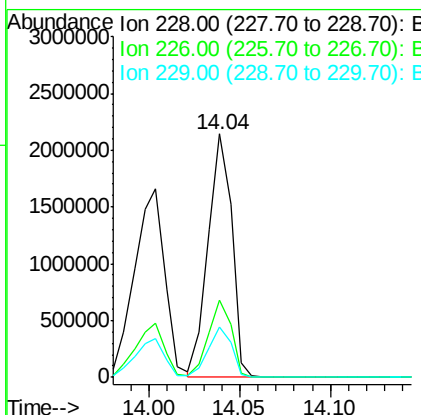
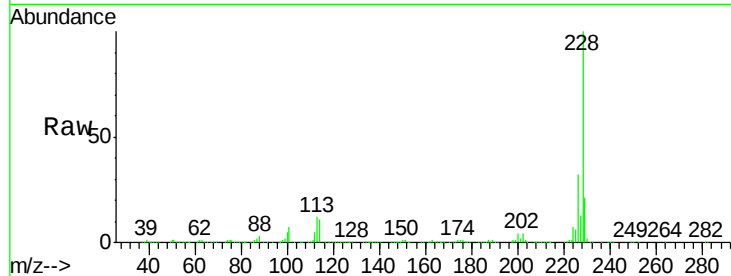
#83
 Chrvsene
 Concen: 38.802 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BS

Tot Ion:	228	Resp:	1949467
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.8	16.6	24.8

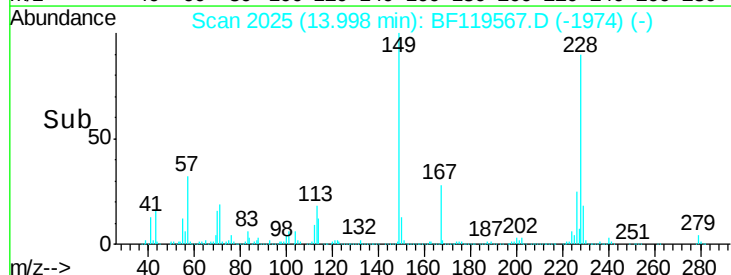
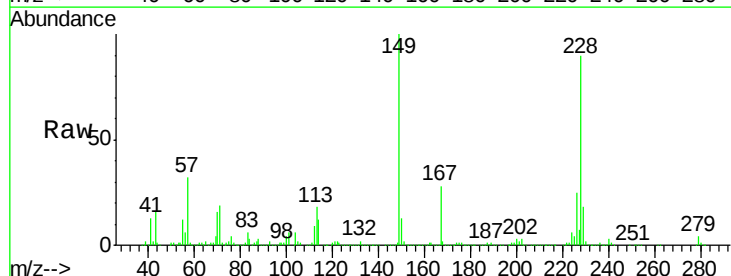
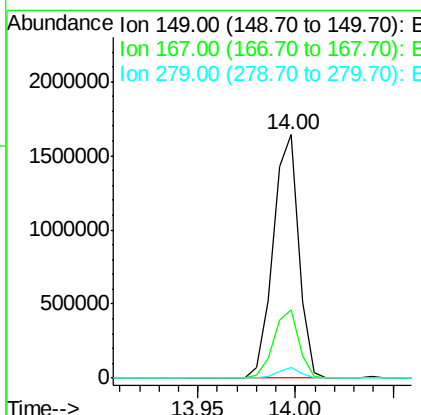
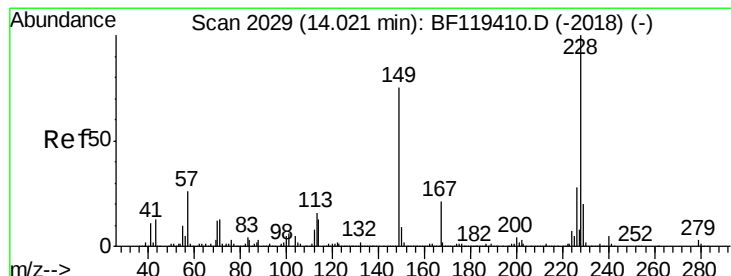
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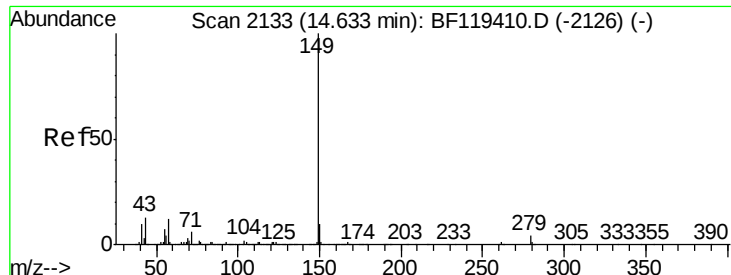
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.323 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF119567.D
 Acq: 27 Mar 2020 14:29

Tgt Ion:	149	Resp:	1490678
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	4.3	2.7	4.1#





#85

Di-n-octyl phthalate

Concen: 50.642 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

ClientSampleId :

PB127823BS

Tot Ion:149 Resp: 2638270

Ion Ratio Lower Upper

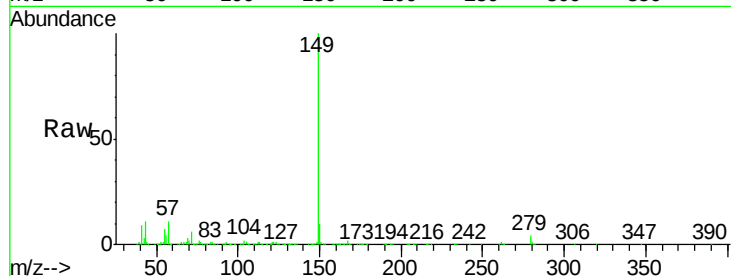
149 100

167 1.6 1.2 1.8

43 11.5 9.3 13.9

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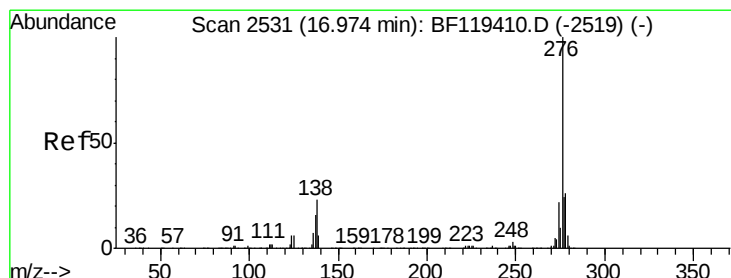
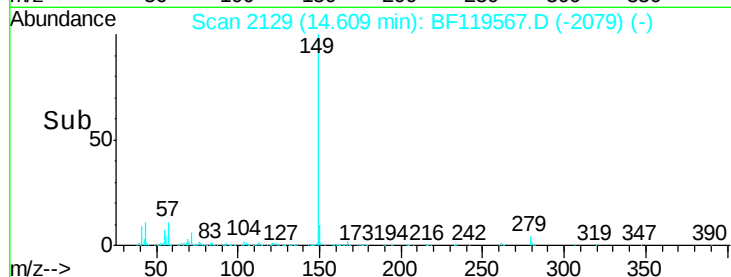
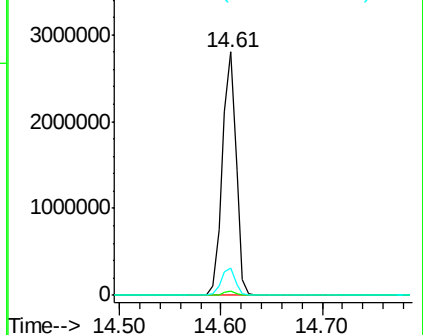
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.294 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

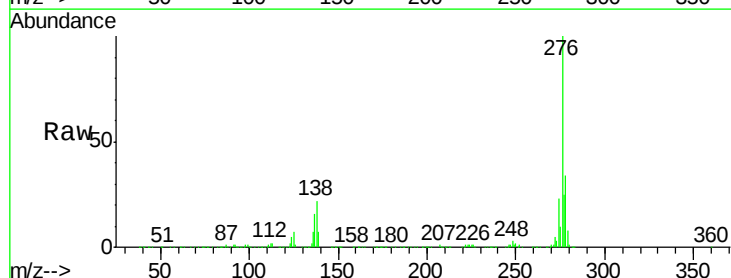
Tgt Ion:276 Resp: 1717344

Ion Ratio Lower Upper

276 100

138 24.4 19.6 29.4

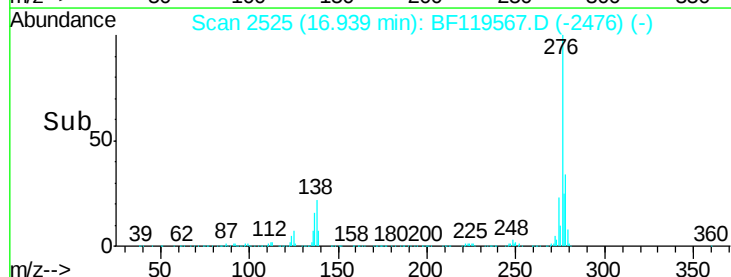
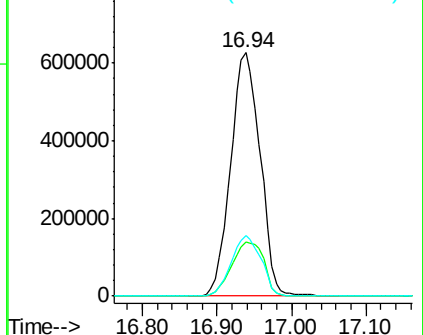
277 25.1 20.0 30.0

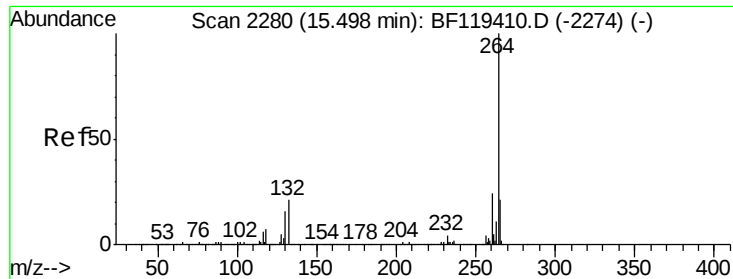


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Instrument :

BNA_F

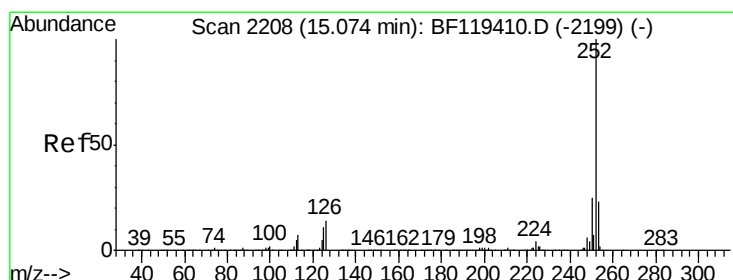
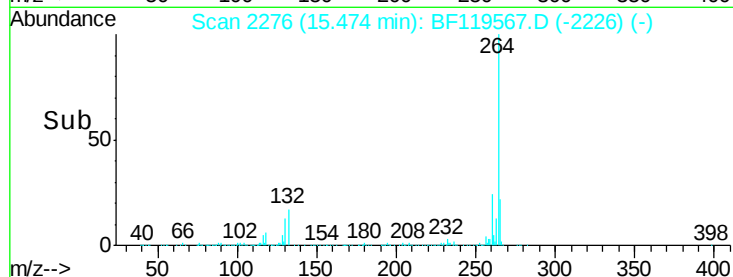
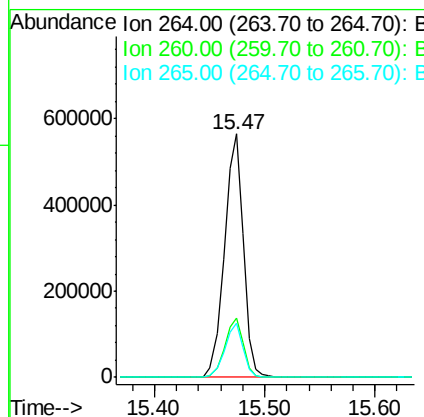
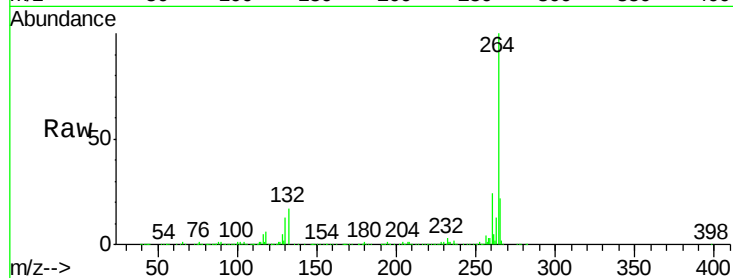
ClientSampleId :

PB127823BS

Tot Ion:	264	Resp:	672587
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	22.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 42.340 ng

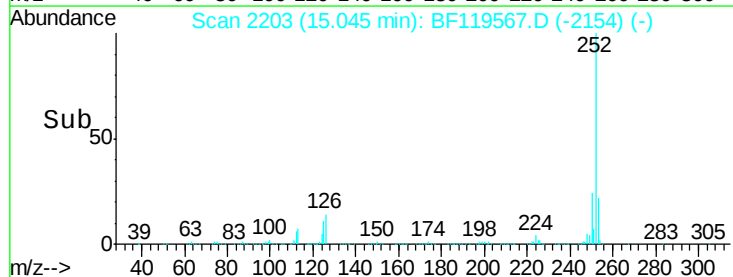
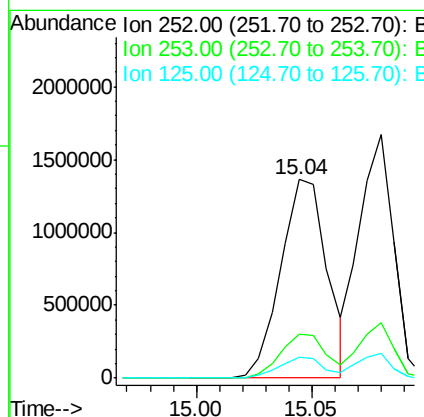
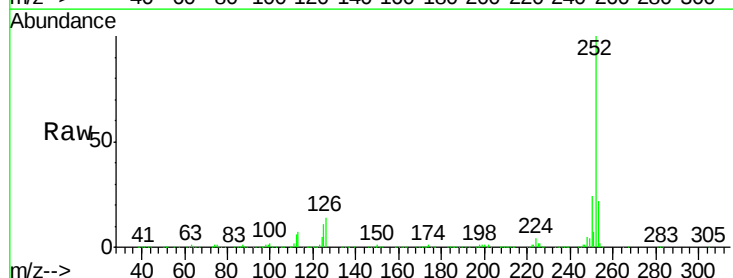
RT: 15.04 min Scan# 2203

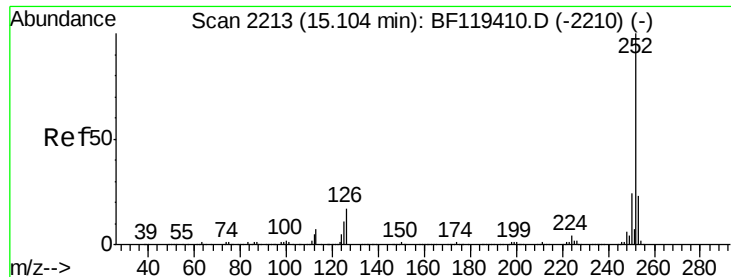
Delta R.T. -0.01 min

Lab File: BF119567.D

Acq: 27 Mar 2020 14:29

Tgt Ion:	252	Resp:	1902291
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	10.8	7.9	11.9





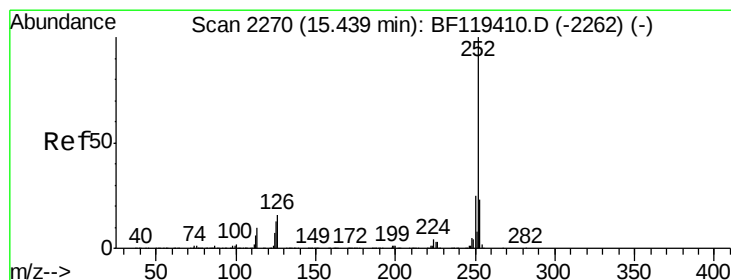
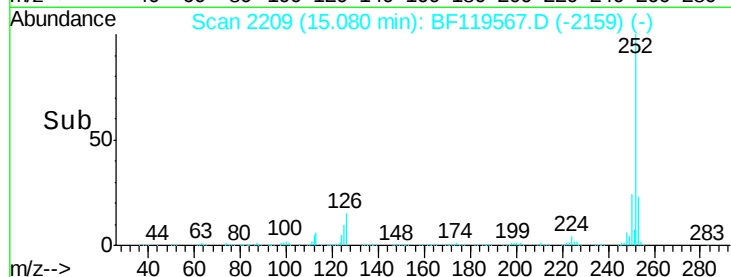
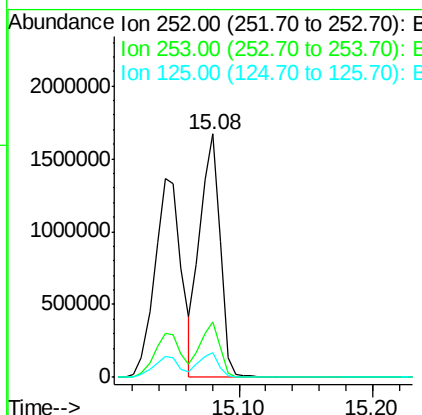
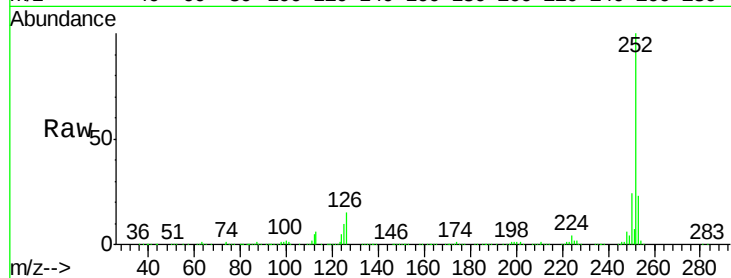
#89
Benzo(k)fluoranthene
Concen: 40.693 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.2	8.4	12.6

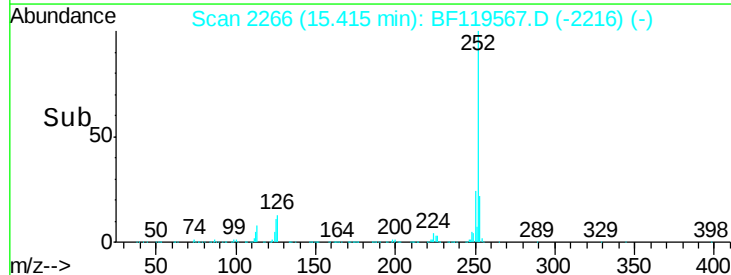
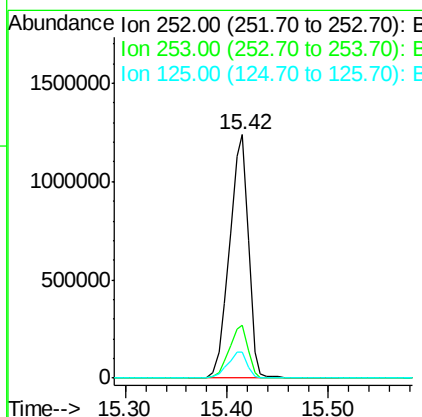
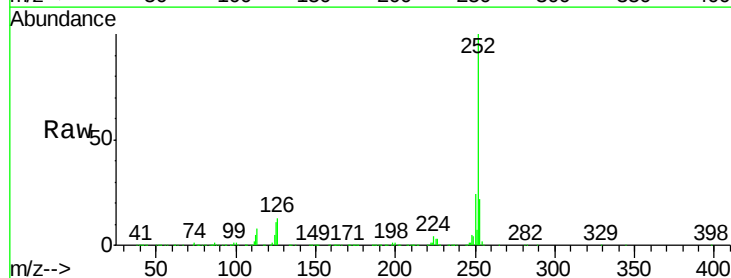
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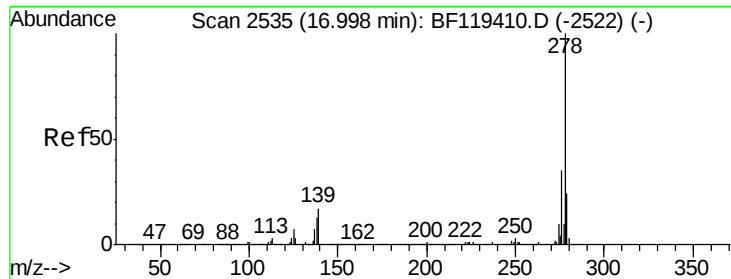
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#90
Benzo(a)pyrene
Concen: 39.469 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.5	9.4	14.2





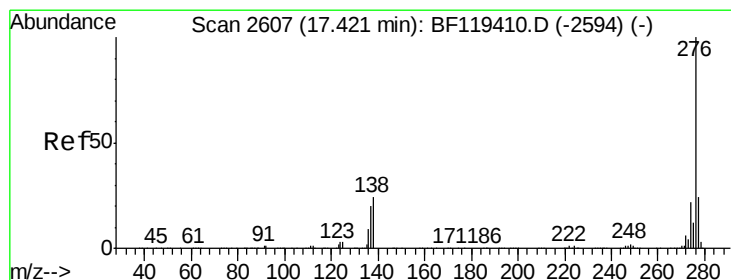
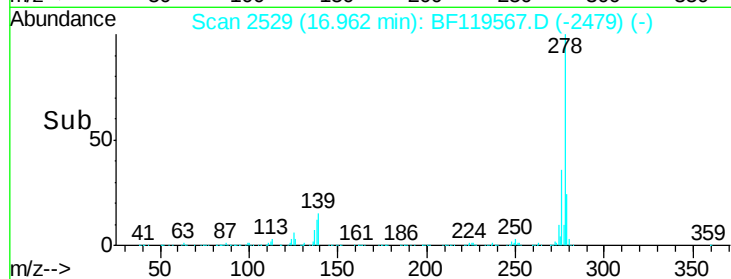
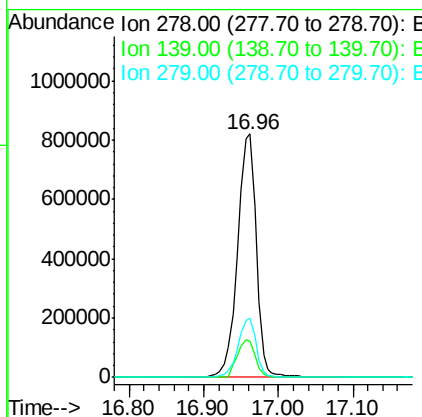
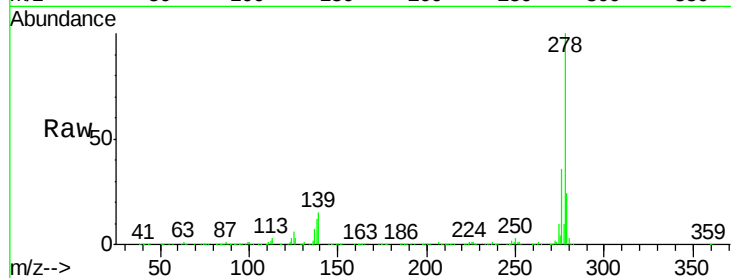
#91
Dibenzo(a,h)anthracene
Concen: 40.207 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB127823BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	19.0
279	24.1	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 39.840 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF119567.D
Acq: 27 Mar 2020 14:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	20.7	15.4	23.0

