

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122711.D
 Acq On : 14 Dec 2020 17:56
 Operator : JU/CG
 Sample : L5046-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11920

Quant Time: Dec 14 23:53:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

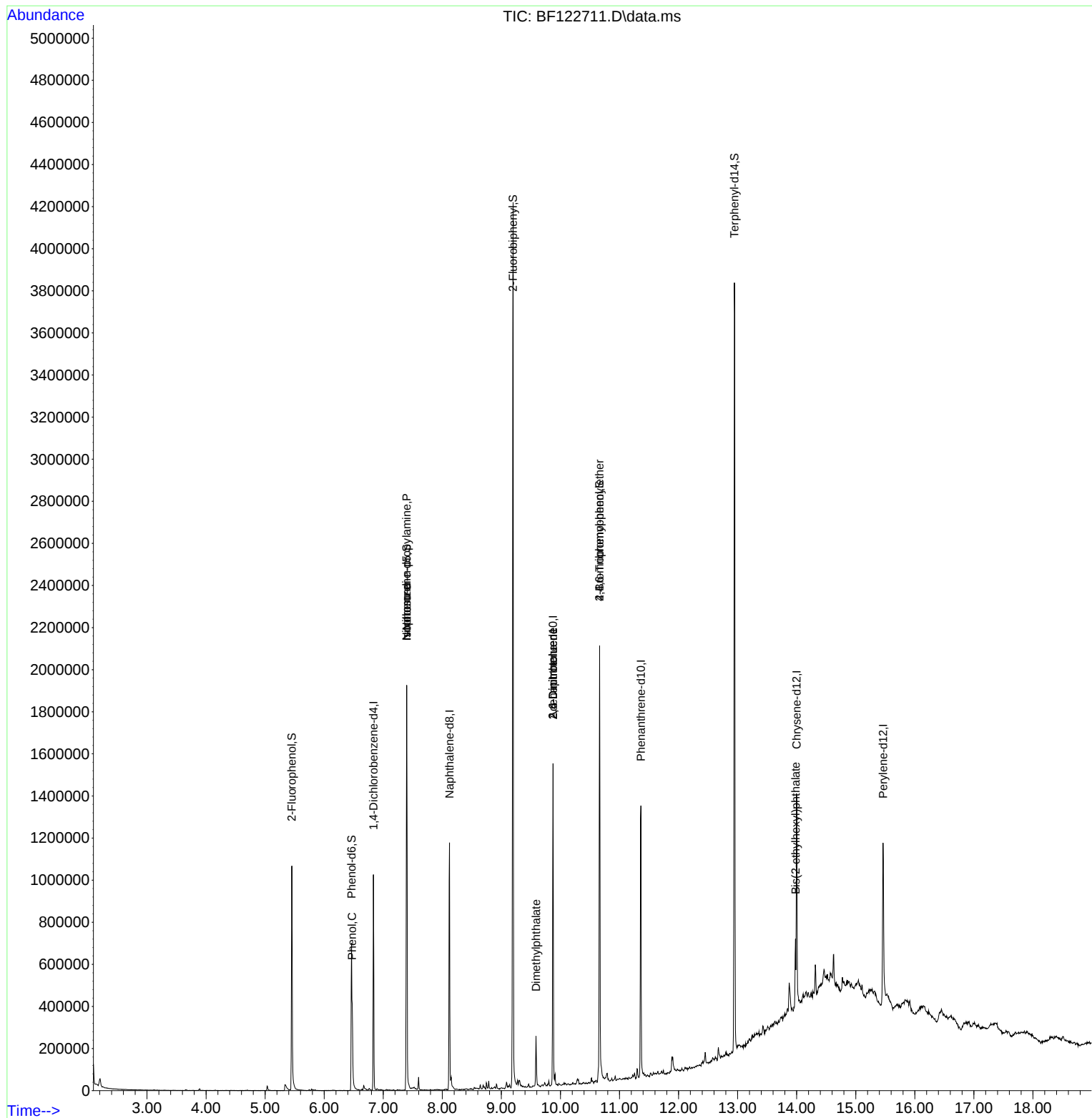
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	144587	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	574636	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	303142	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	528831	20.00	ng	0.00
76) Chrysene-d12	13.998	240	382043	20.00	ng	-0.01
86) Perylene-d12	15.462	264	380170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	345850	37.87	ng	0.00
7) Phenol-d6	6.463	99	275359	22.73	ng	-0.02
23) Nitrobenzene-d5	7.398	82	644857	56.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	291392	73.44	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1368886	61.08	ng	0.00
79) Terphenyl-d14	12.945	244	1323597	60.64	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	34094	2.72	ng	95
19) n-Nitroso-di-n-propyla...	7.398	70	85608	12.34	ng	# 77
25) Isophorone	7.398	82	635868	32.19	ng	# 65
50) Dimethylphthalate	9.586	163	92965	3.84	ng	100
51) 2,6-Dinitrotoluene	9.874	165	39794	7.78	ng	# 32
57) 2,4-Dinitrotoluene	9.874	165	39795	5.84	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	17805	2.48	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	87409	4.80	ng	99

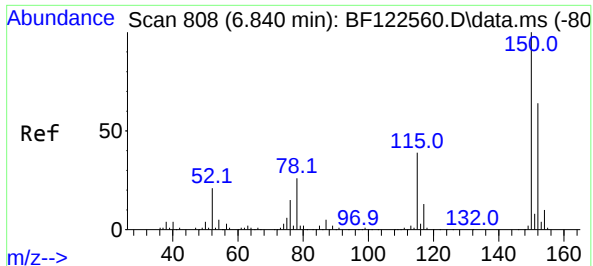
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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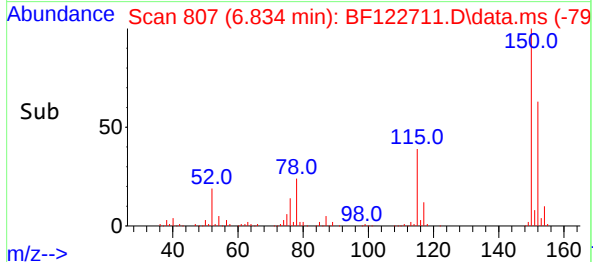
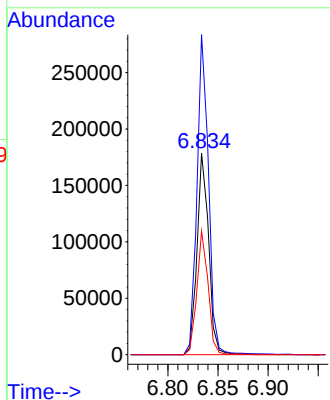
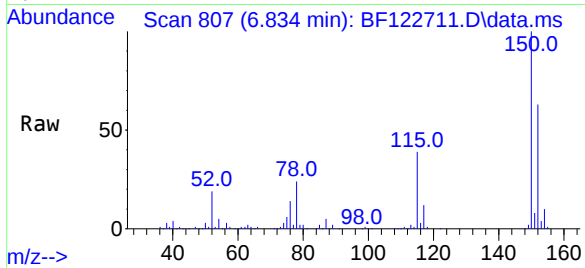




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

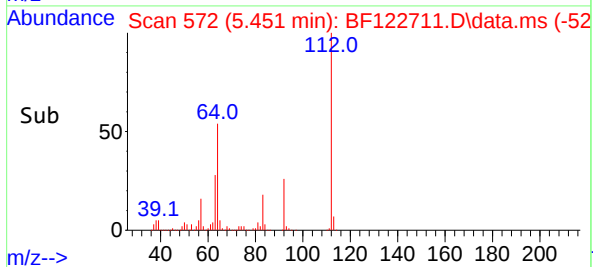
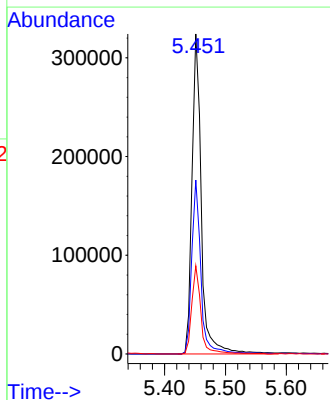
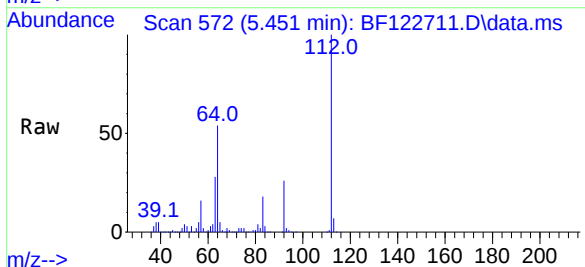
Instrument :
BNA_F
ClientSampleId :
11920

Tgt Ion:152 Resp: 144587
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 37.87 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:112 Resp: 345850
Ion Ratio Lower Upper
112 100
64 54.3 46.9 70.3
63 27.5 24.5 36.7

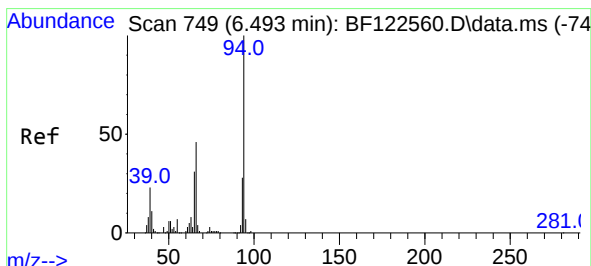
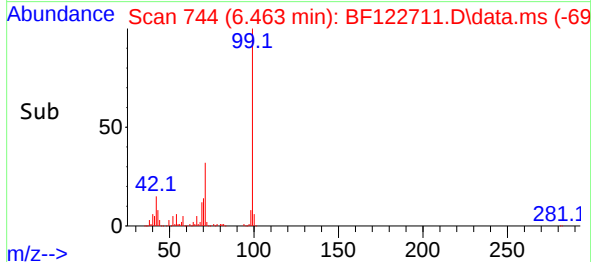
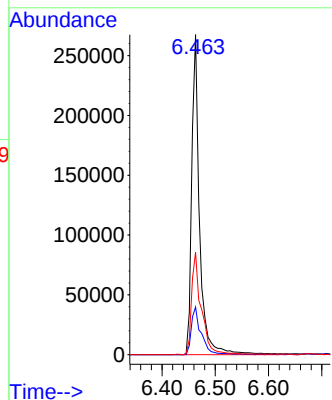
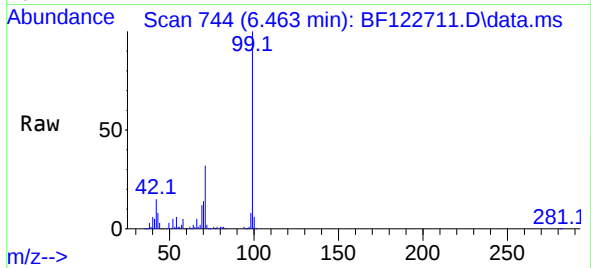




#7
Phenol-d6
Concen: 22.73 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

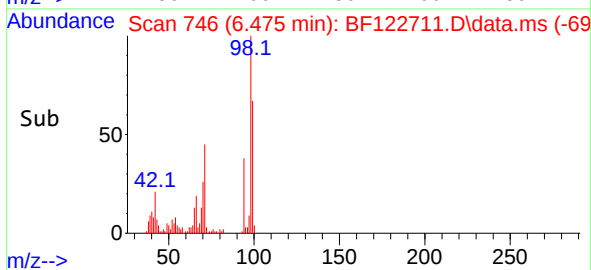
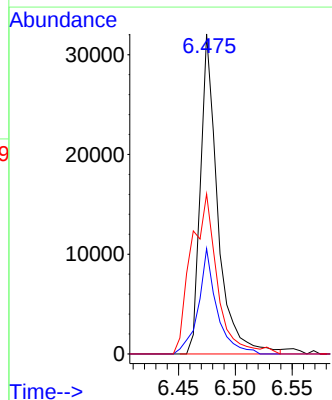
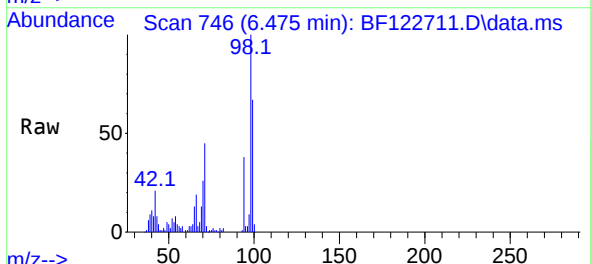
Instrument :
BNA_F
ClientSampleId :
11920

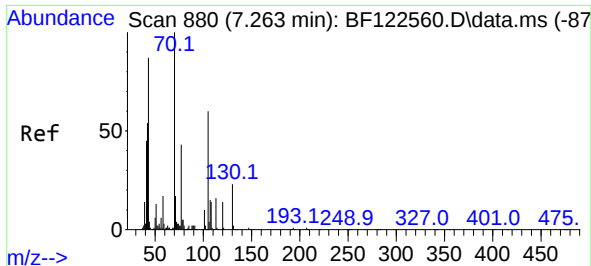
Tgt Ion: 99 Resp: 275359
Ion Ratio Lower Upper
99 100
42 14.9 13.8 20.6
71 32.1 26.9 40.3



#10
Phenol
Concen: 2.72 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion: 94 Resp: 34094
Ion Ratio Lower Upper
94 100
65 32.9 11.2 51.2
66 50.0 25.8 65.8

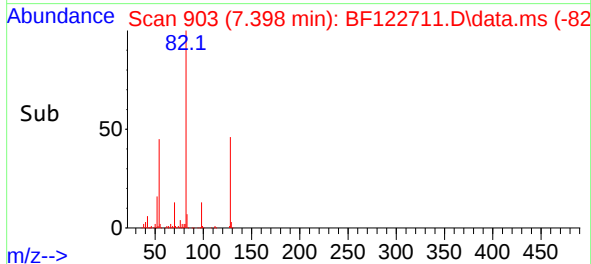
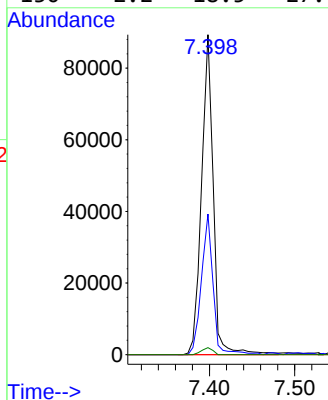
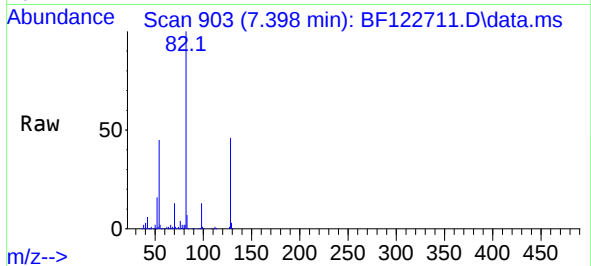




#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

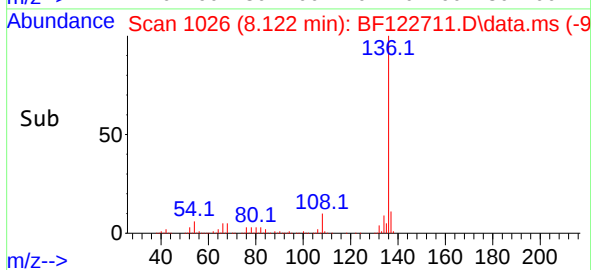
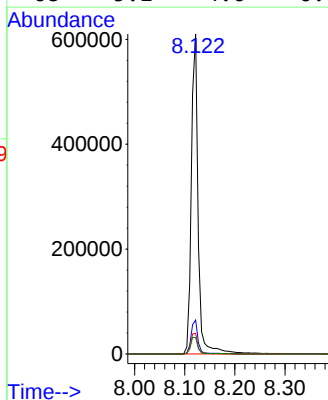
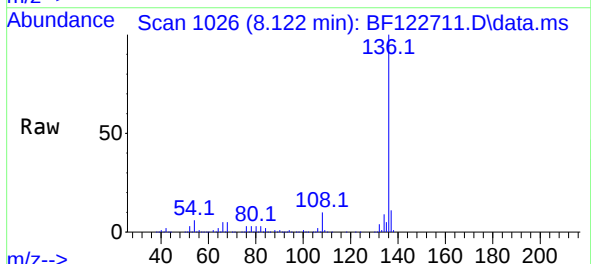
Instrument :
BNA_F
ClientSampleId :
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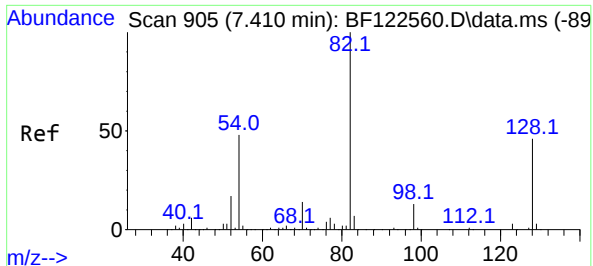
Tgt Ion: 70 Resp: 85608
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion: 136 Resp: 574636
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.5 5.5 8.3
68 5.1 4.6 6.8

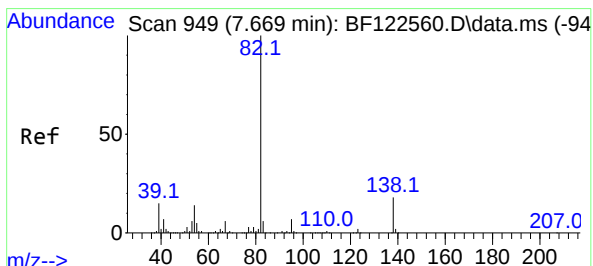
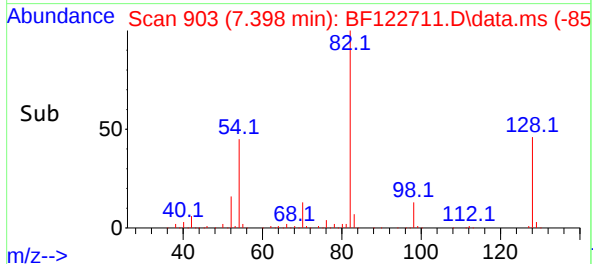
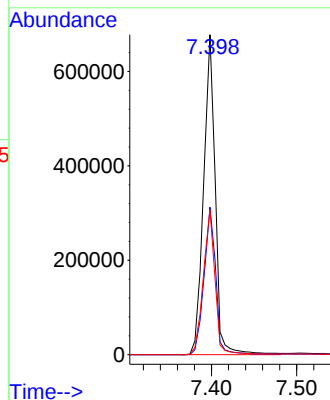
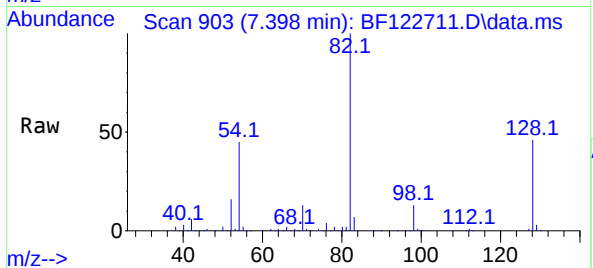




#23
Nitrobenzene-d5
Concen: 56.22 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

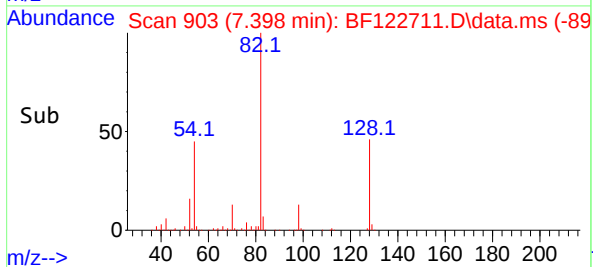
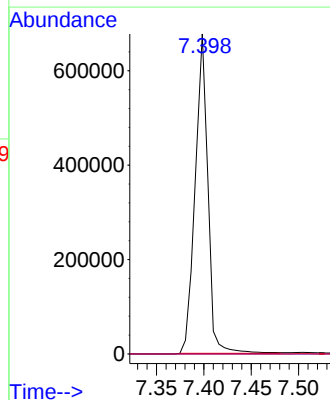
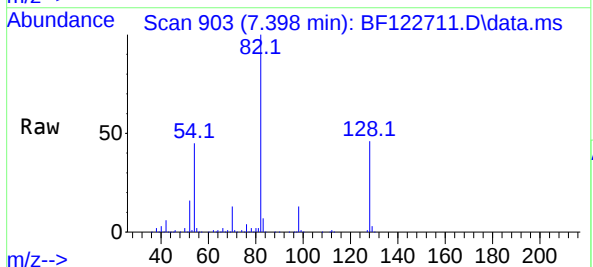
Instrument :
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ClientSampleId :
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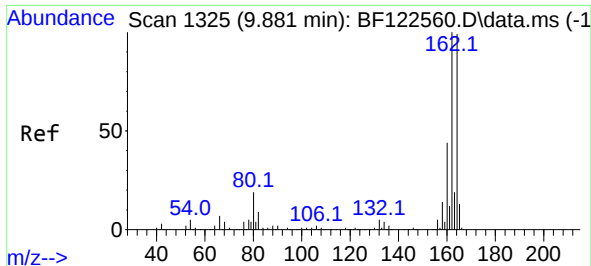
Tgt Ion: 82 Resp: 644857
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 45.4 38.4 57.6



#25
Isophorone
Concen: 32.19 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion: 82 Resp: 635868
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

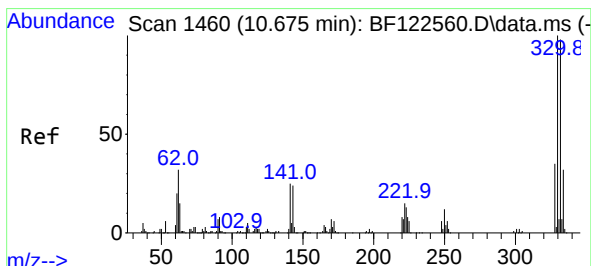
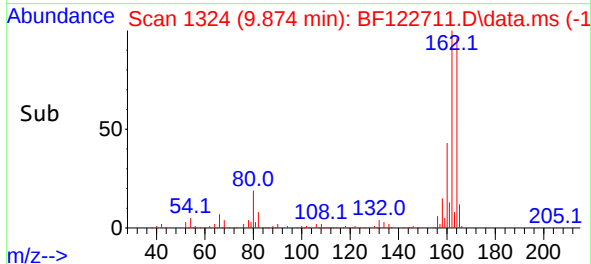
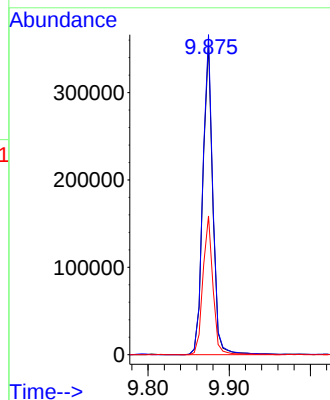
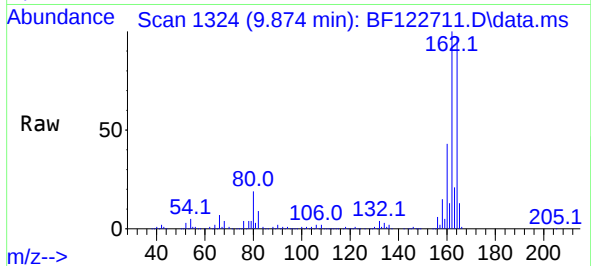




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

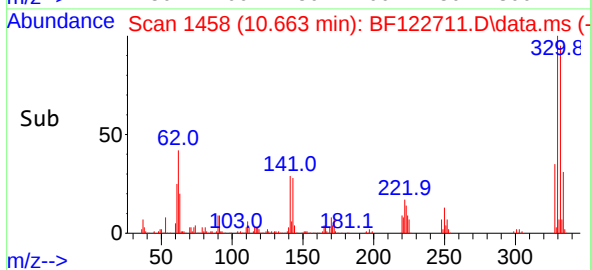
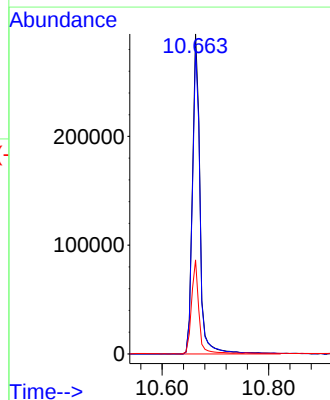
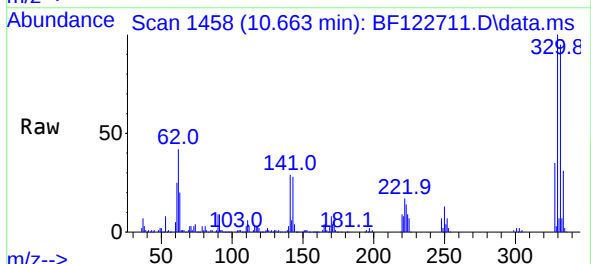
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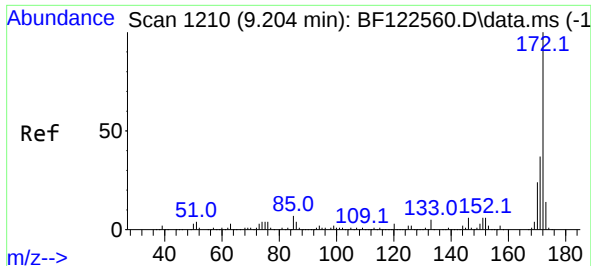
Tgt Ion:164 Resp: 303142
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 73.44 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:330 Resp: 291392
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.8 23.8 35.8

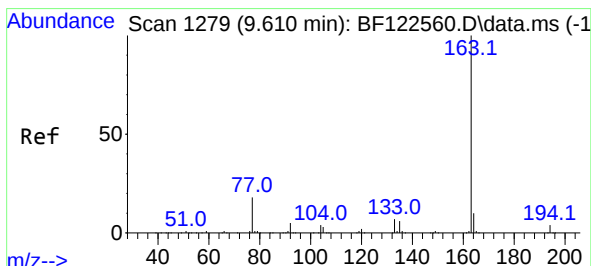
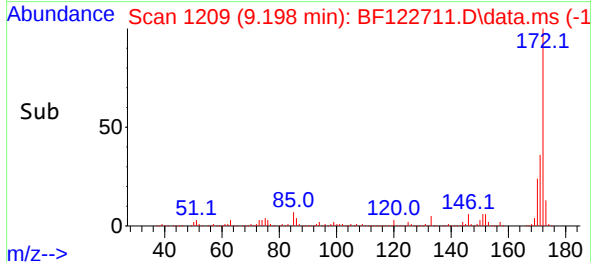
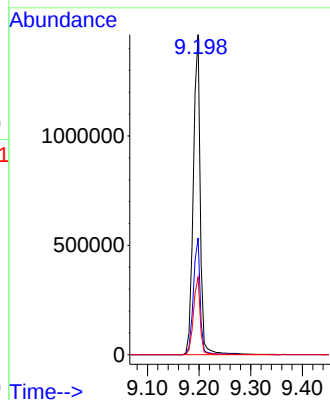
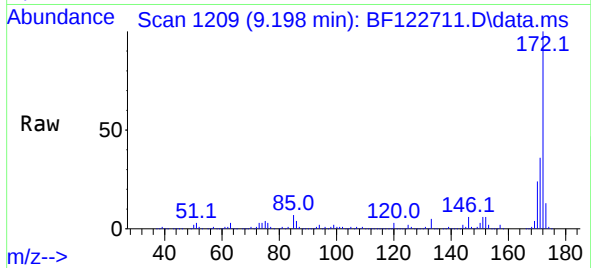




#45
2-Fluorobiphenyl
Concen: 61.08 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

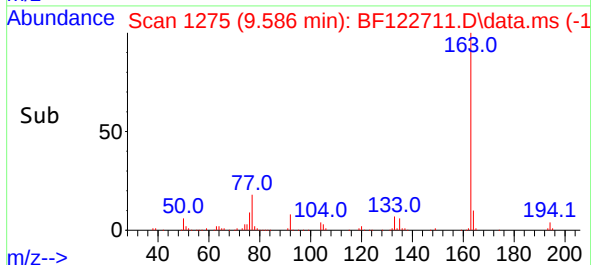
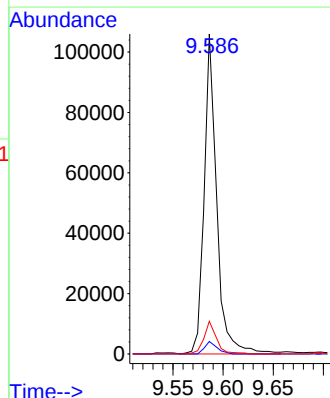
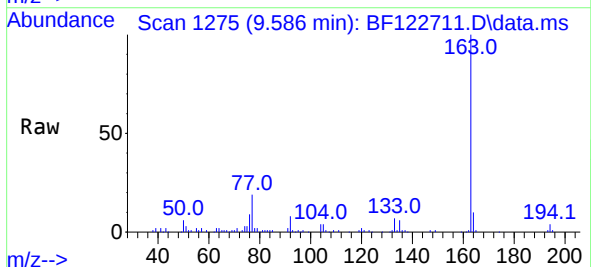
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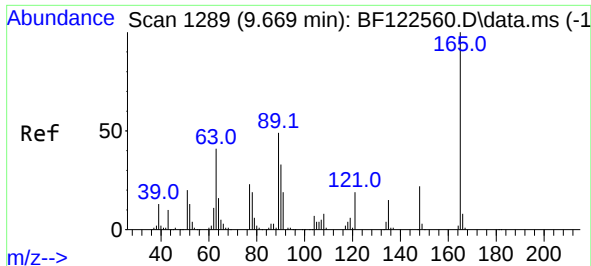
Tgt Ion:172 Resp: 1368886
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 3.84 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:163 Resp: 92965
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1

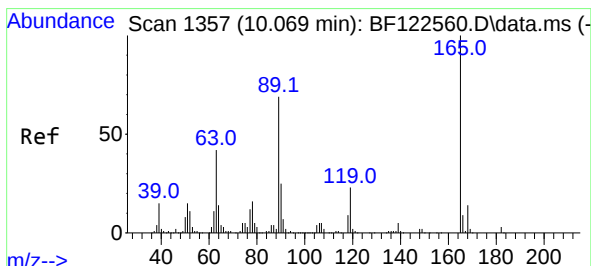
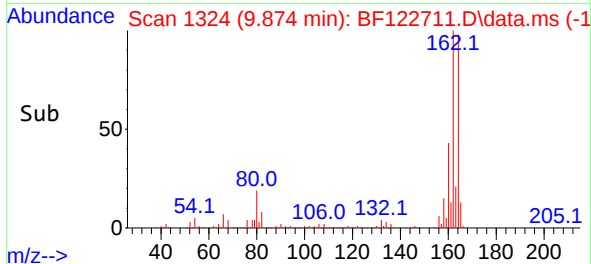
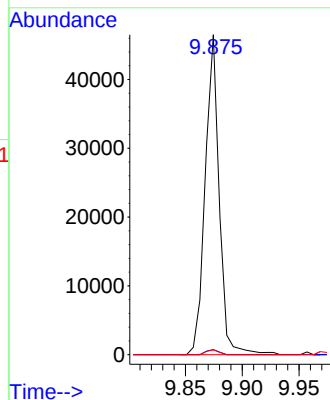
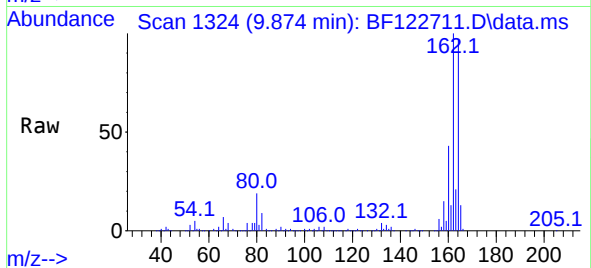




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

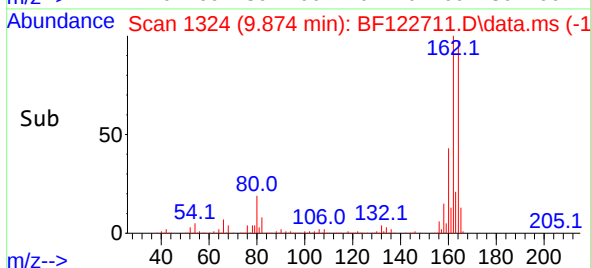
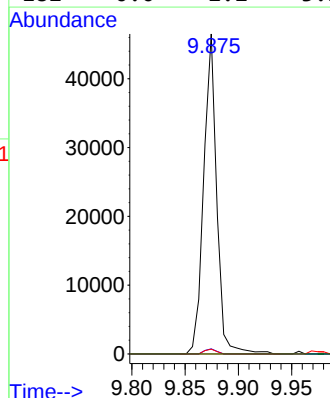
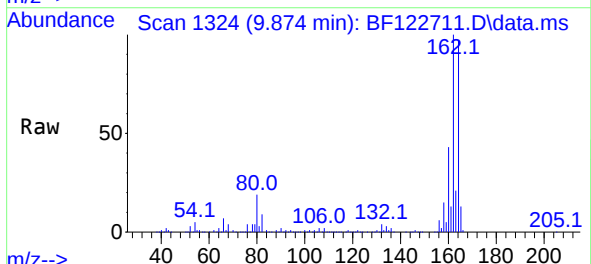
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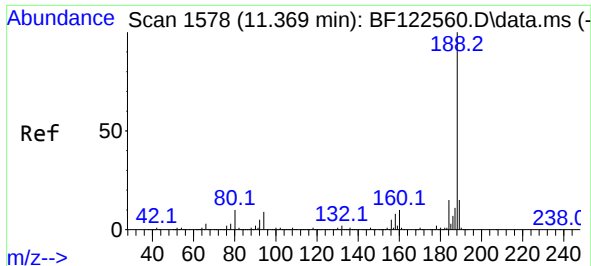
Tgt Ion:165 Resp: 39794
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:165 Resp: 39795
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

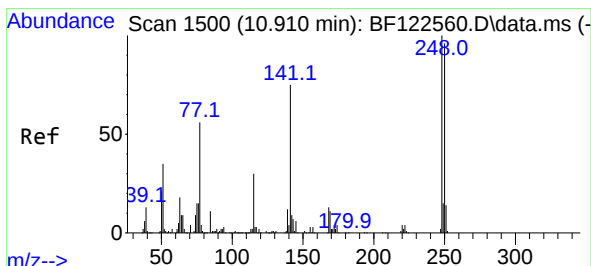
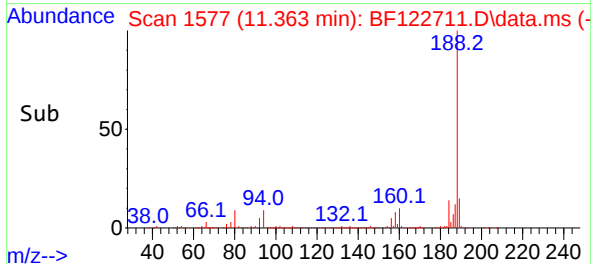
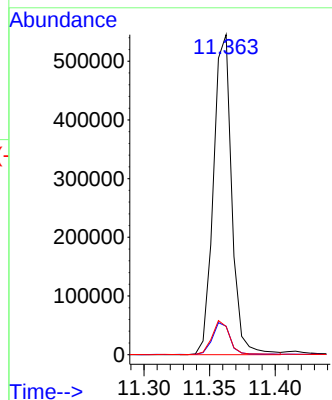
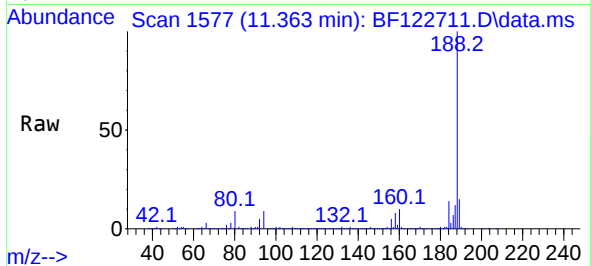




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

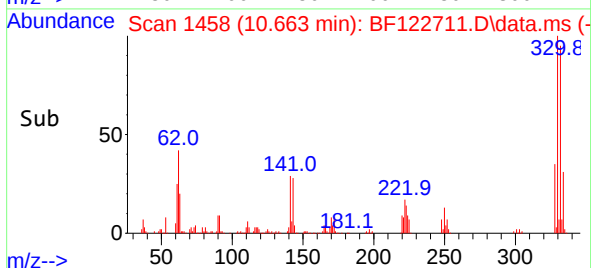
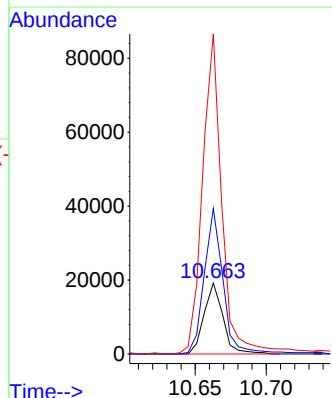
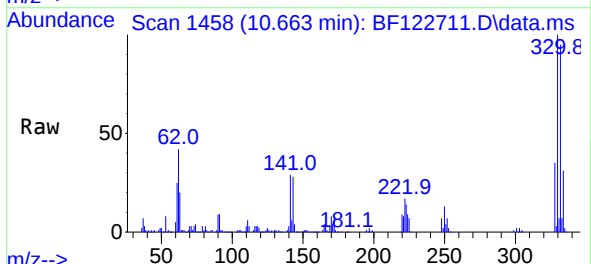
Instrument :
BNA_F
ClientSampleId :
11920

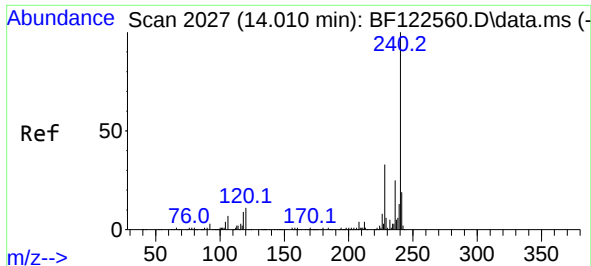
Tgt Ion:188 Resp: 528831
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 8.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:248 Resp: 17805
Ion Ratio Lower Upper
248 100
250 205.3 76.8 115.2#
141 451.8 59.8 89.8#

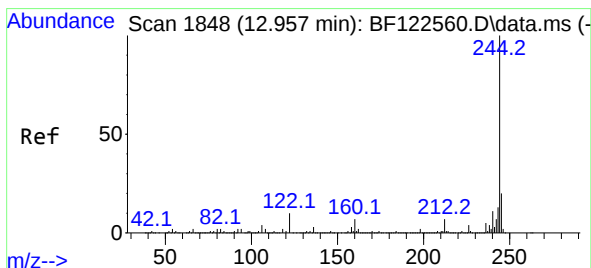
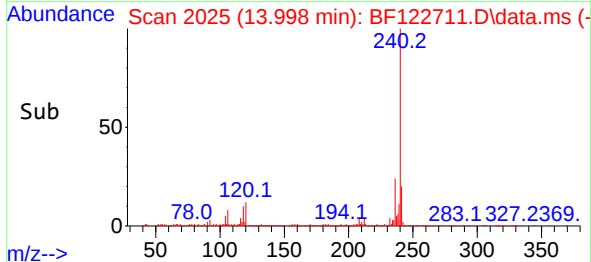
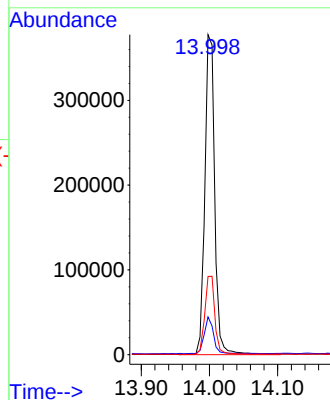
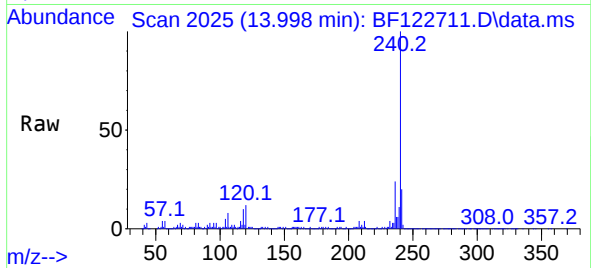




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

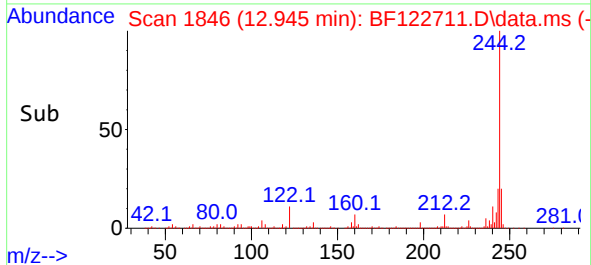
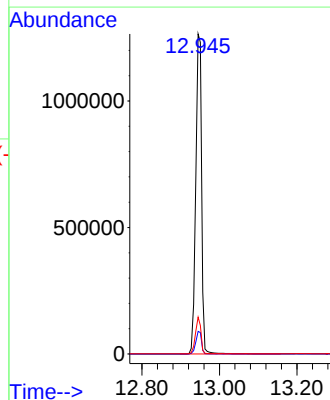
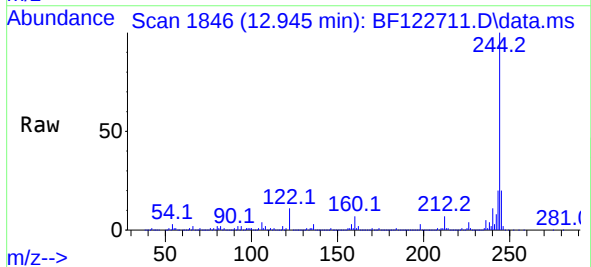
Instrument :
BNA_F
ClientSampleId :
11920

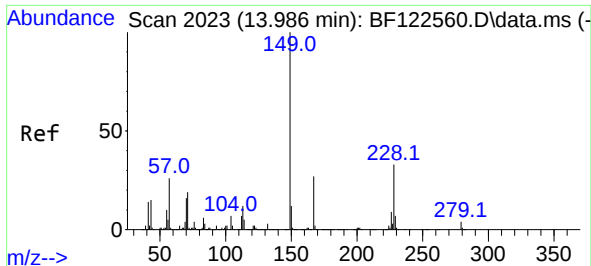
Tgt Ion:240 Resp: 382043
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 24.5 20.3 30.5



#79
Terphenyl-d14
Concen: 60.64 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:244 Resp: 1323597
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.5 8.3 12.5

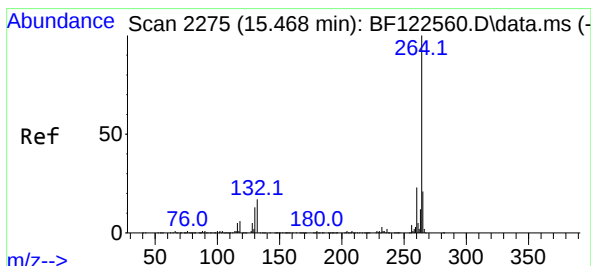
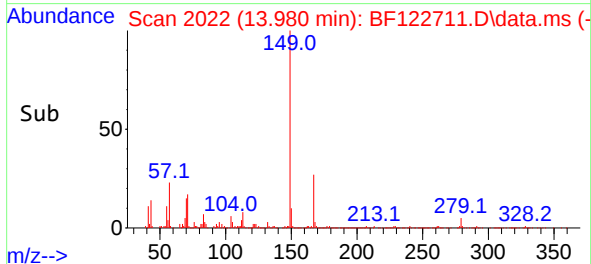
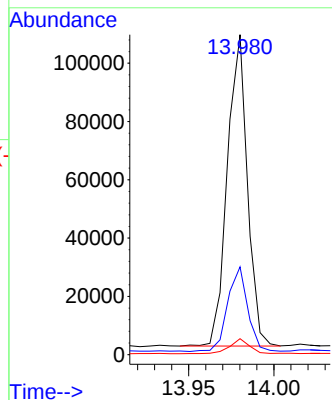
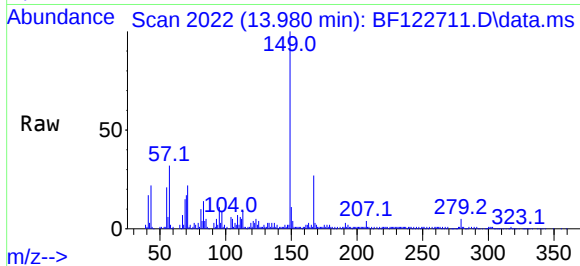




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.80 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Instrument :
BNA_F
ClientSampleId :
11920

Tgt Ion:149 Resp: 87409
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.2
279 5.0 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122711.D
Acq: 14 Dec 2020 17:56

Tgt Ion:264 Resp: 380170
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.9 17.0 25.6

