

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124475.D
 Acq On : 28 Jun 2021 18:35
 Operator : JU/CG
 Sample : M2856-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Jun 29 05:11:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

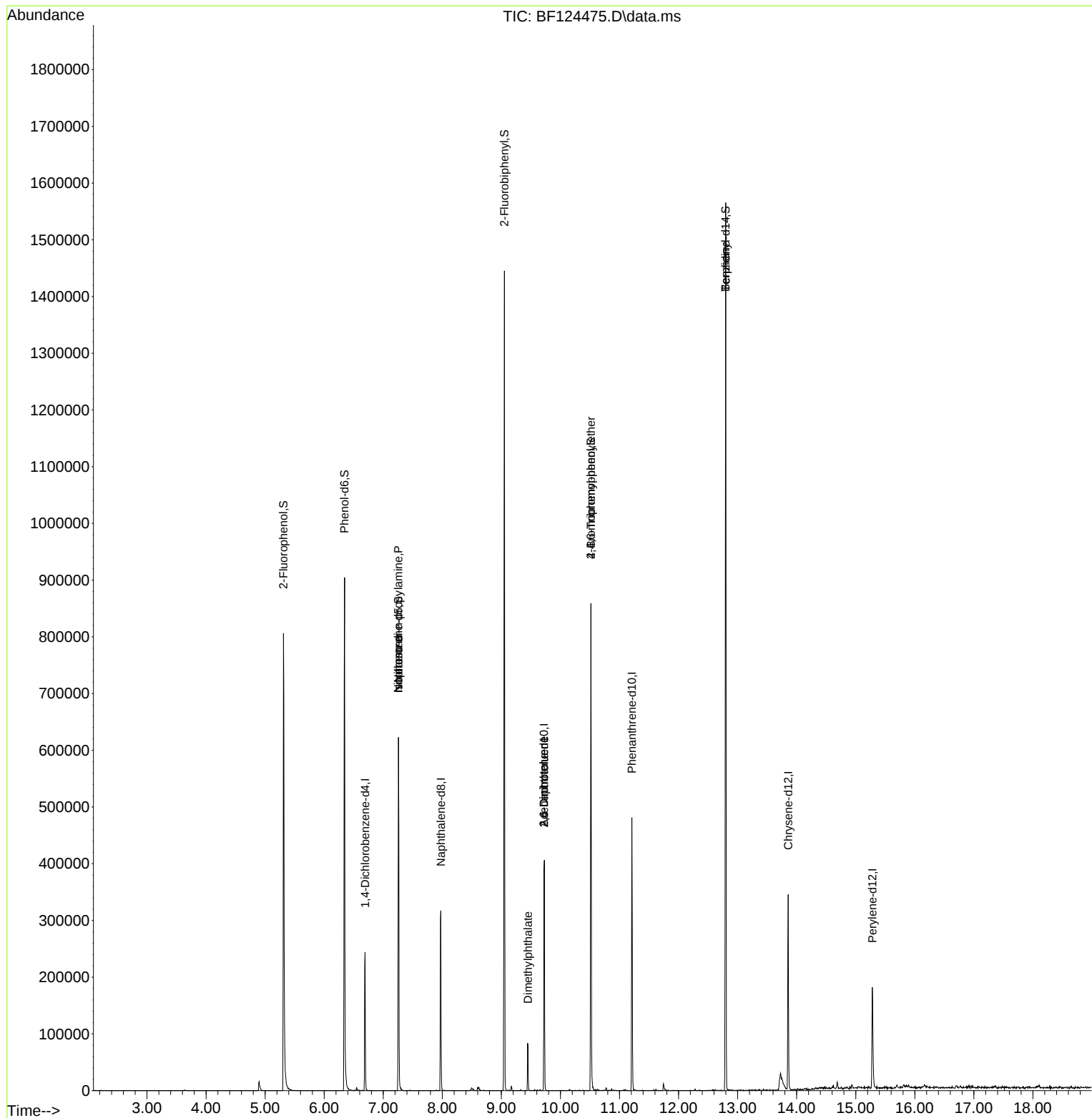
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	33750	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	136361	20.00	ng	#-0.01
39) Acenaphthene-d10	9.722	164	80629	20.00	ng	-0.02
64) Phenanthrene-d10	11.210	188	161467	20.00	ng	#-0.02
76) Chrysene-d12	13.857	240	110349	20.00	ng	-0.01
86) Perylene-d12	15.280	264	76462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	209651	97.69	ng	-0.02
7) Phenol-d6	6.345	99	256489	91.54	ng	-0.02
23) Nitrobenzene-d5	7.257	82	187817	57.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	85052	88.29	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	381690	57.99	ng	-0.02
79) Terphenyl-d14	12.798	244	468517	63.59	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	26543	14.09	ng	# 67
25) Isophorone	7.257	82	187813	33.22	ng	# 69
50) Dimethylphthalate	9.451	163	34219	5.38	ng	# 95
51) 2,6-Dinitrotoluene	9.722	165	11054	7.53	ng	# 10
57) 2,4-Dinitrotoluene	9.722	165	11054	5.68	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	6331	2.91	ng	# 1
77) Benzidine	12.798	184	7494	3.39	ng	# 94

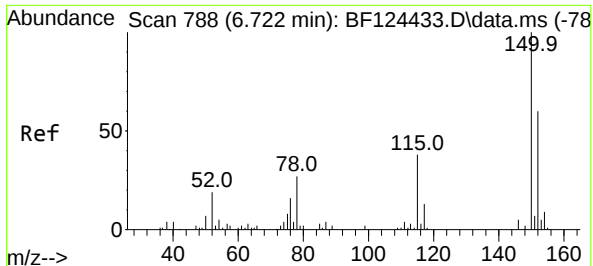
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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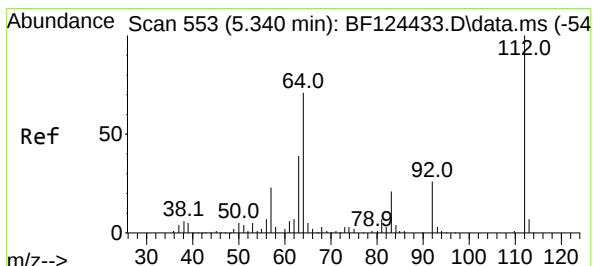
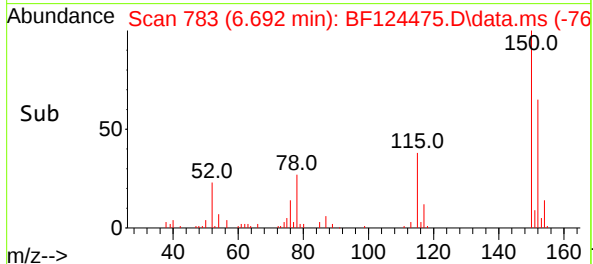
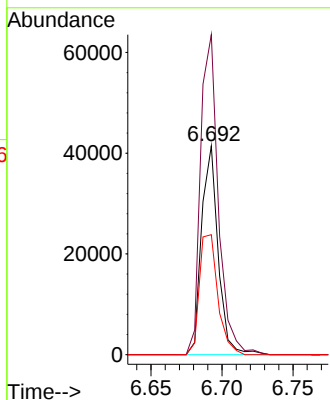
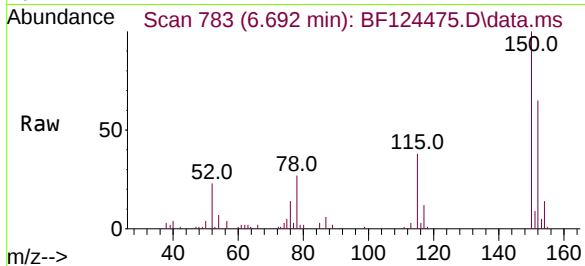




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

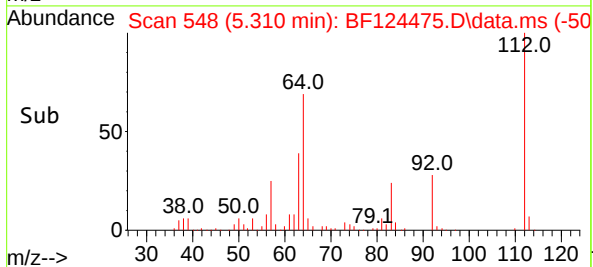
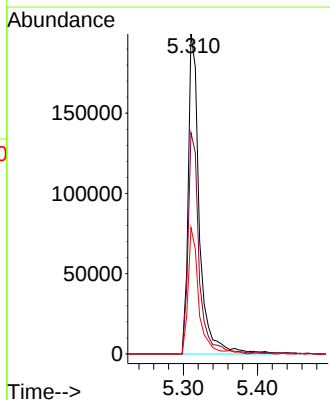
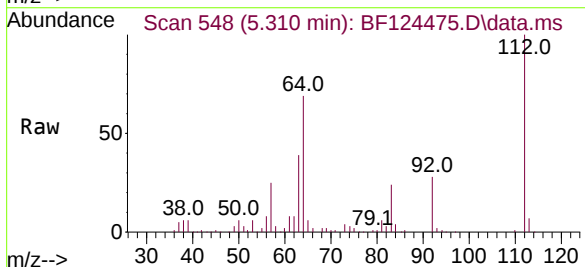
Instrument :
BNA_F
ClientSampleId :
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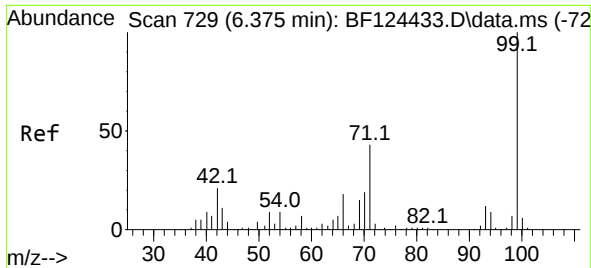
Tgt Ion:152 Resp: 33750
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 57.5 54.3 81.5



#5
2-Fluorophenol
Concen: 97.69 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion:112 Resp: 209651
Ion Ratio Lower Upper
112 100
64 69.1 61.4 92.0
63 39.5 33.0 49.4

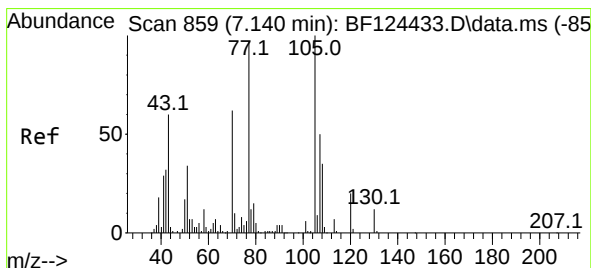
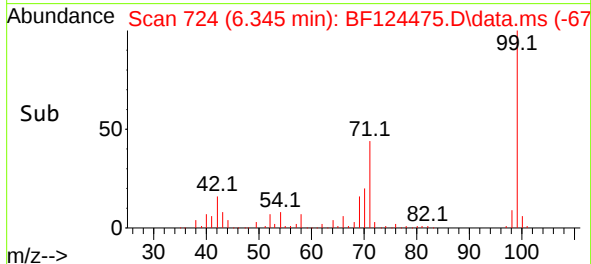
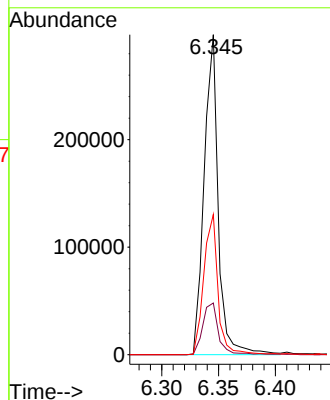
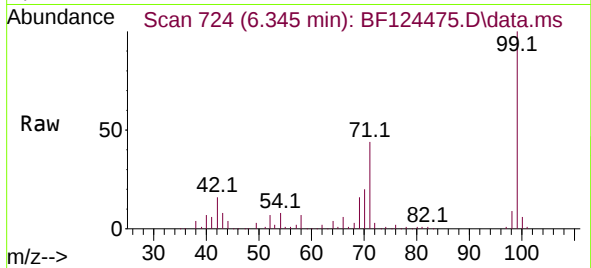




#7
Phenol-d6
Concen: 91.54 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

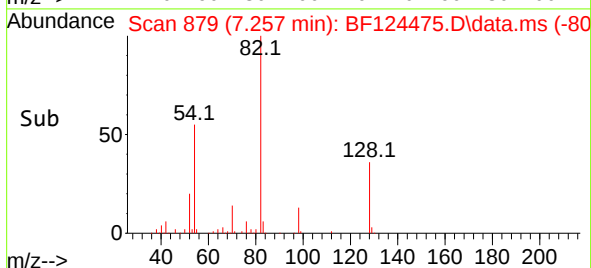
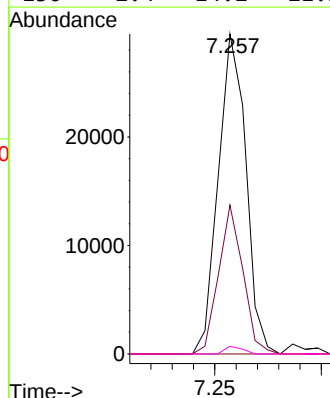
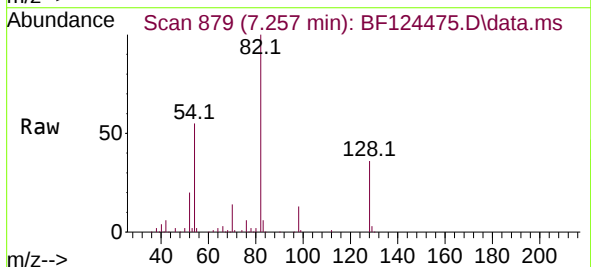
Instrument :
BNA_F
ClientSampleId :
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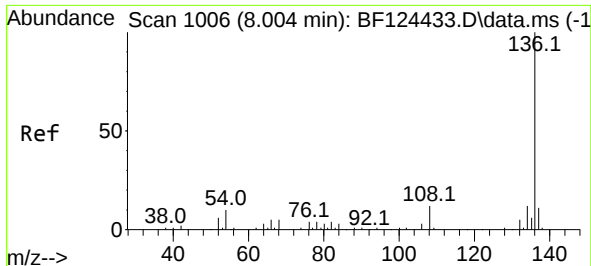
Tgt Ion: 99 Resp: 256489
Ion Ratio Lower Upper
99 100
42 16.2 19.8 29.8#
71 43.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion: 70 Resp: 26543
Ion Ratio Lower Upper
70 100
42 46.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#

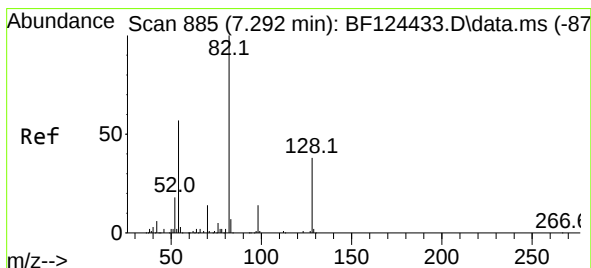
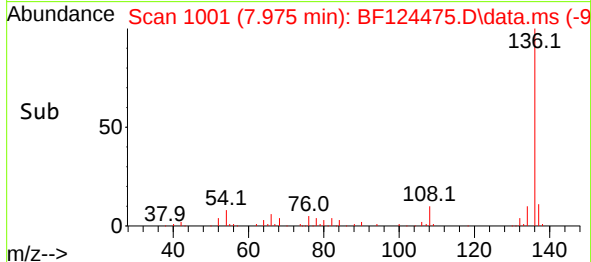
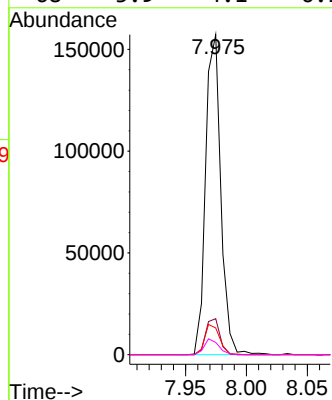
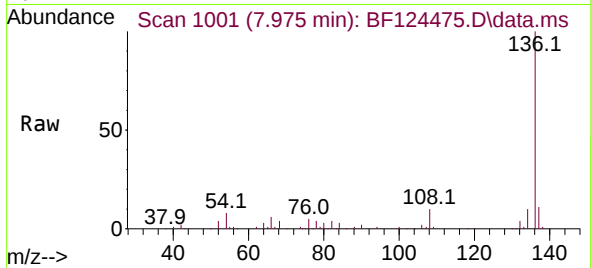




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

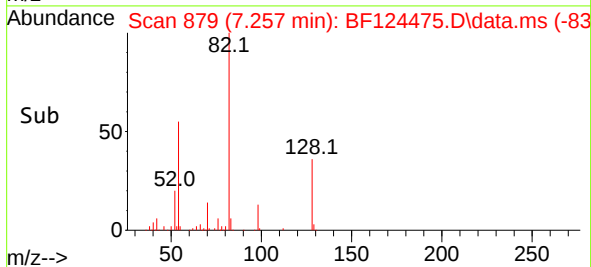
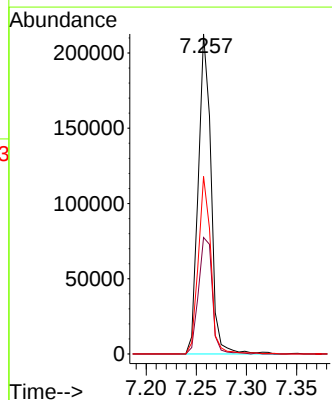
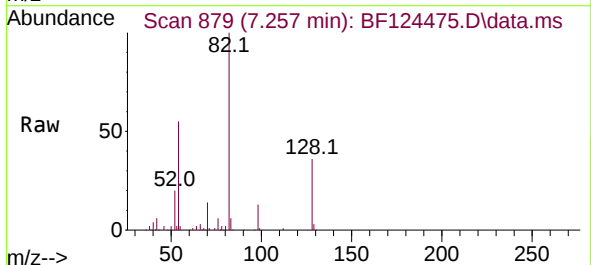
Instrument :
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ClientSampleId :
SB-09-COMP

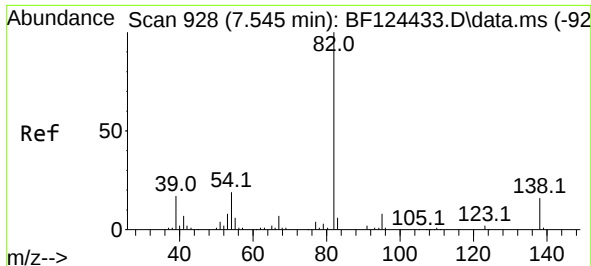
Tgt Ion:136	Resp: 136361
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 8.4	9.8 14.6#
68 3.9	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 57.11 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.023 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion: 82	Resp: 187817
Ion Ratio	Lower Upper
82 100	
128 36.4	29.4 44.2
54 55.5	54.1 81.1

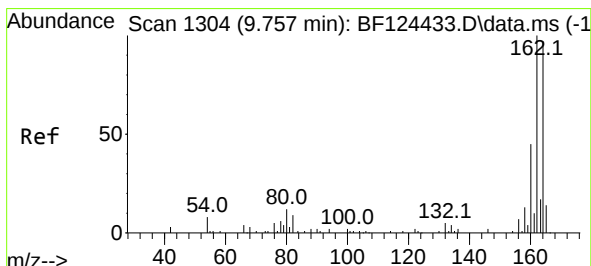
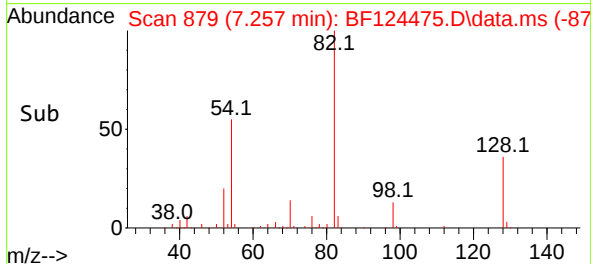
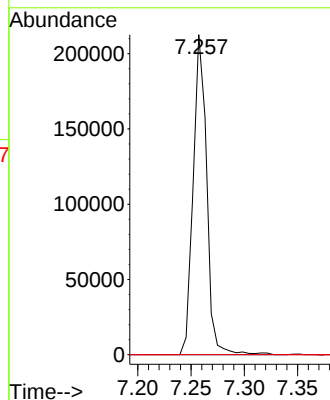
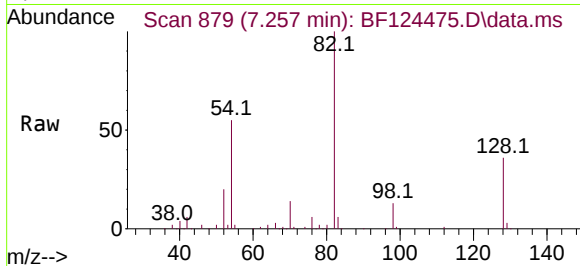




#25
Isophorone
Concen: 33.22 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.276 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

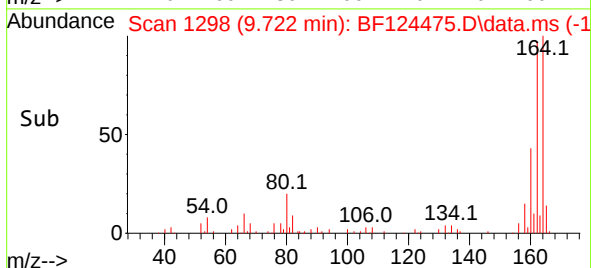
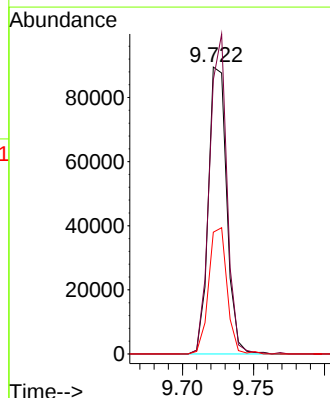
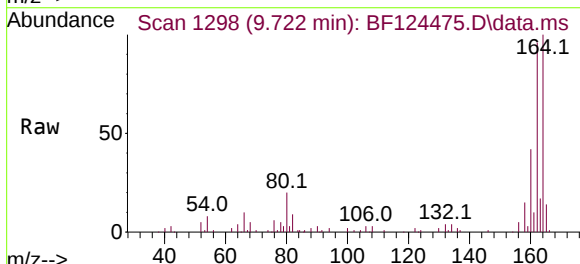
Instrument :
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ClientSampleId :
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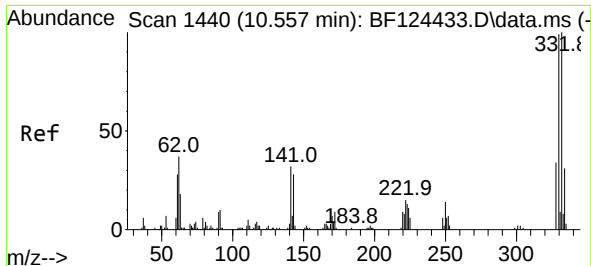
Tgt Ion: 82 Resp: 187813
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion: 164 Resp: 80629
Ion Ratio Lower Upper
164 100
162 95.5 80.7 121.1
160 42.4 37.3 55.9

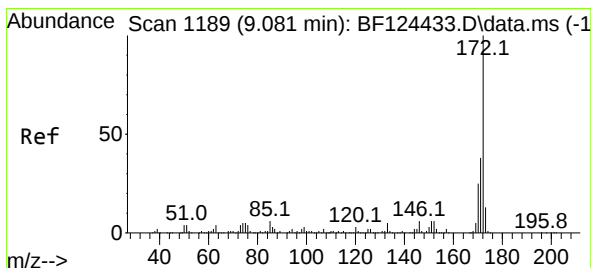
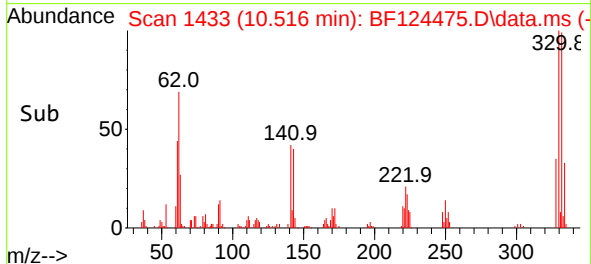
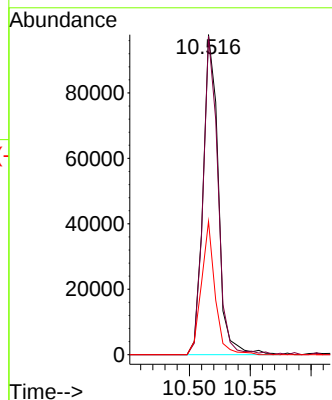
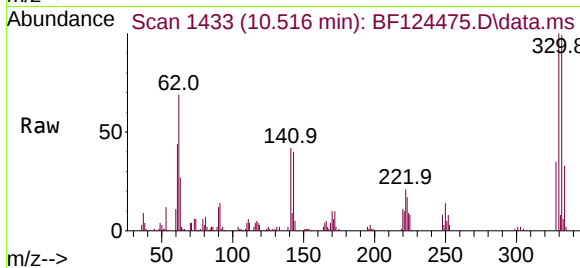




#42
2,4,6-Tribromophenol
Concen: 88.29 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

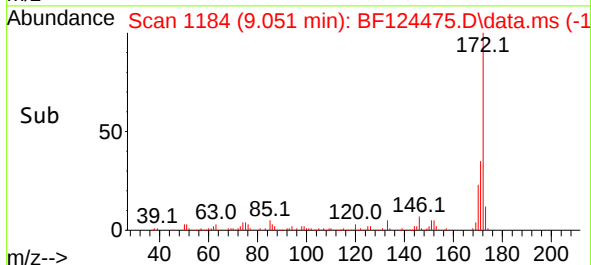
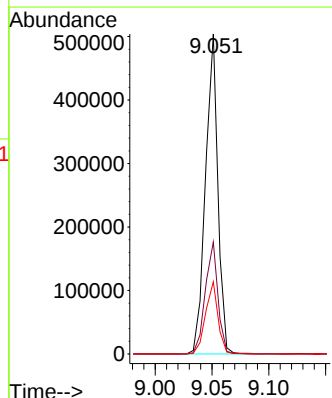
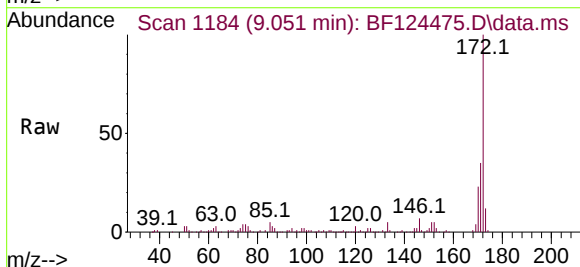
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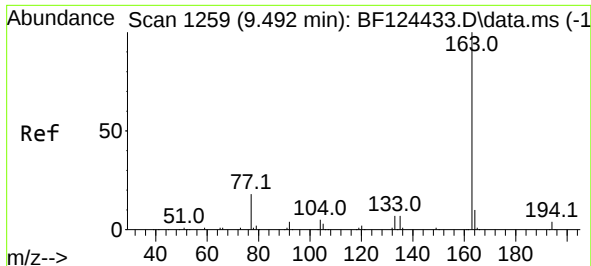
Tgt Ion: 330 Resp: 85052
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.99 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion: 172 Resp: 381690
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.6 19.2 28.8

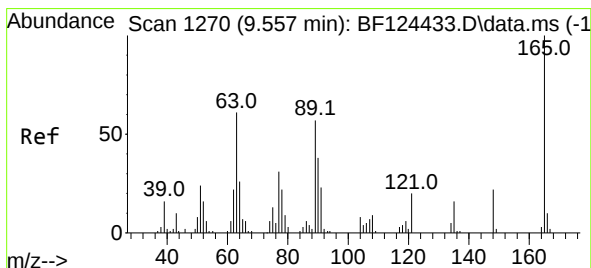
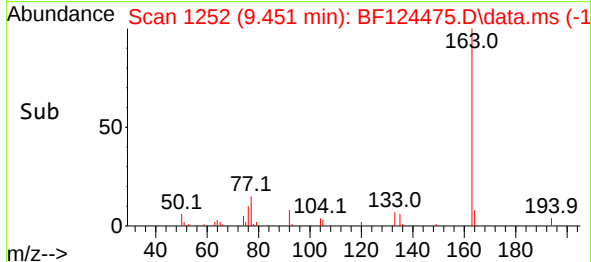
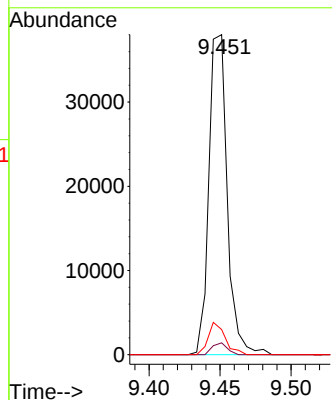
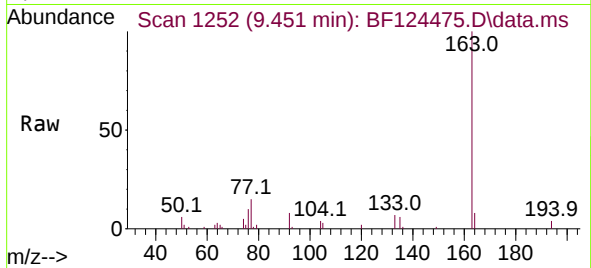




#50
Dimethylphthalate
Concen: 5.38 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.023 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

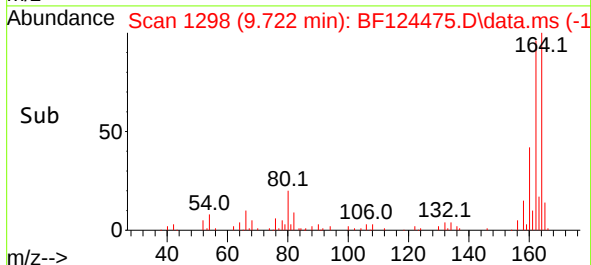
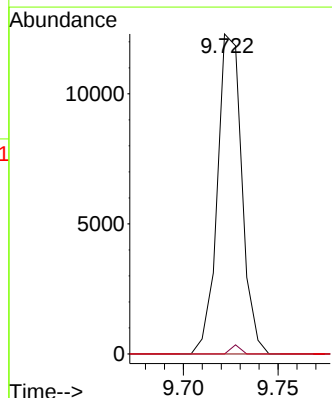
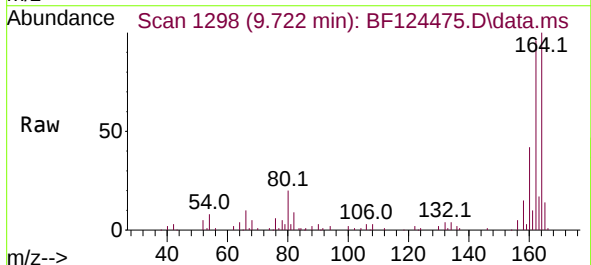
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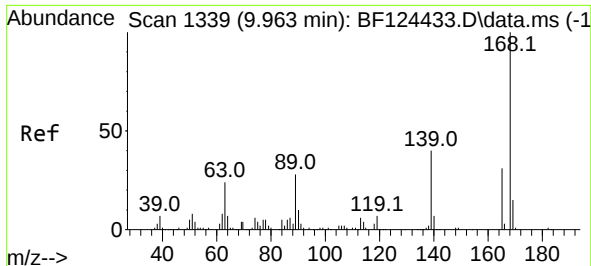
Tgt Ion:163 Resp: 34219
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 7.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.182 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion:165 Resp: 11054
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

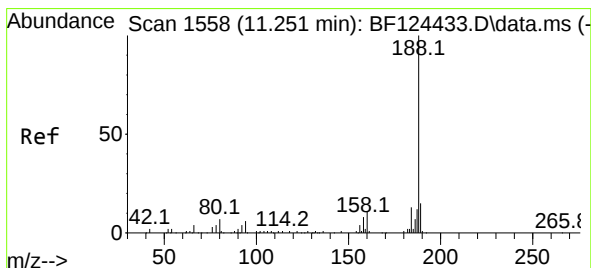
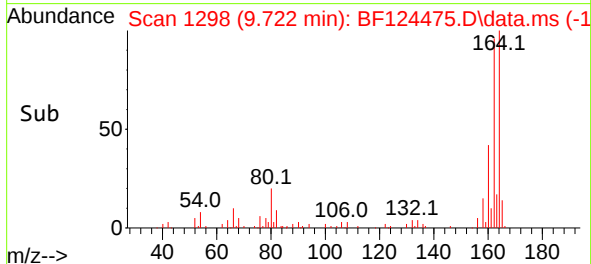
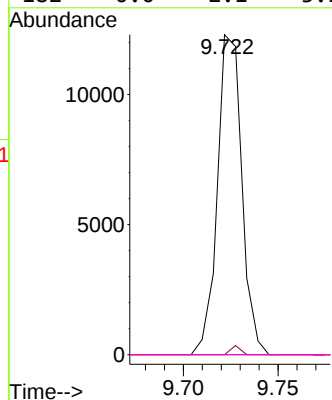
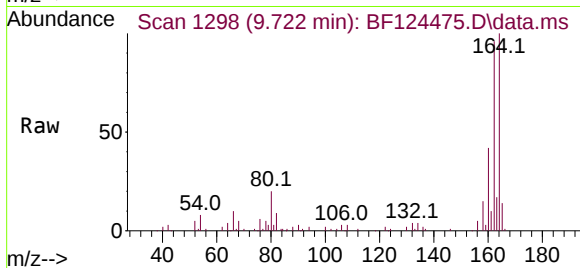




#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.223 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

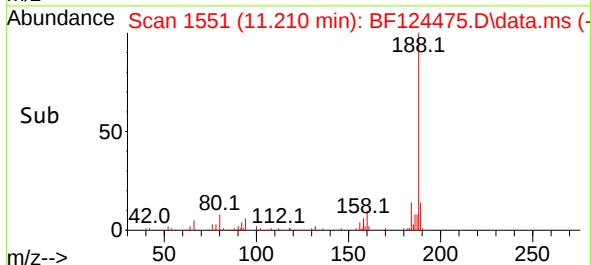
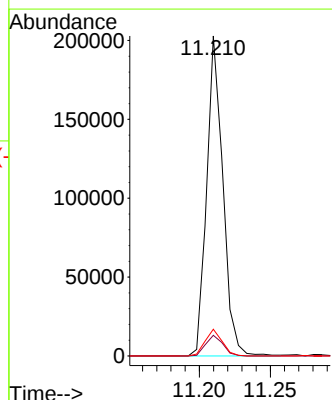
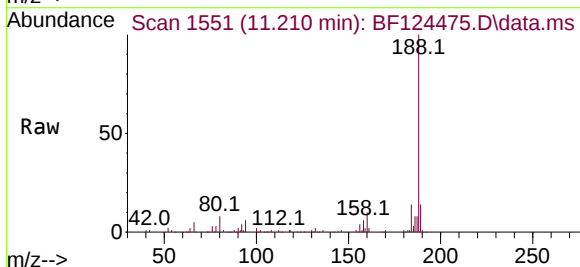
Instrument :
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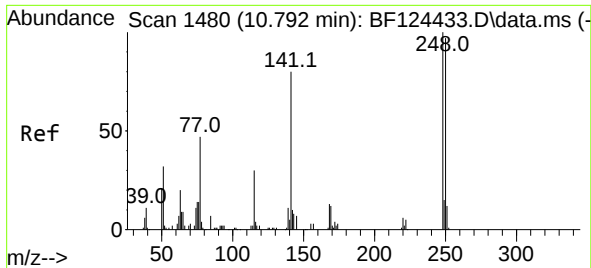
Tgt Ion:165 Resp: 11054
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion:188 Resp: 161467
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 8.4 8.2 12.2

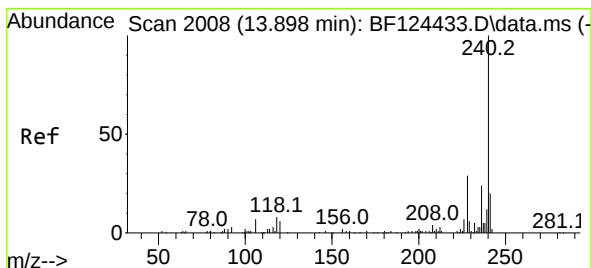
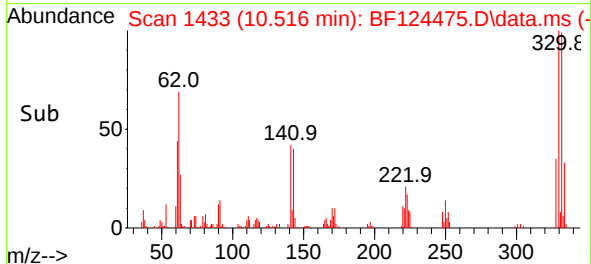
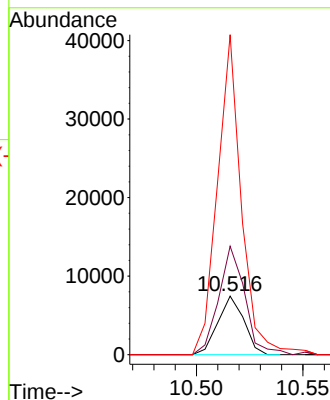
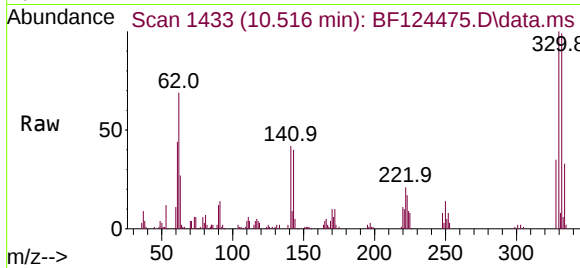




#67
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

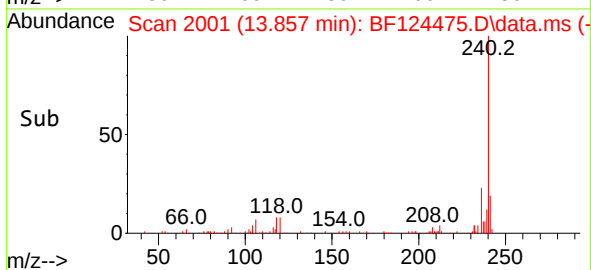
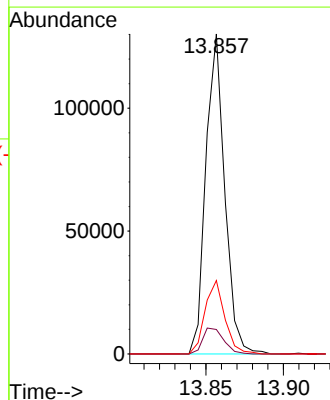
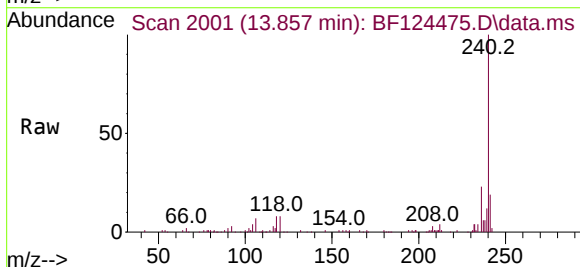
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

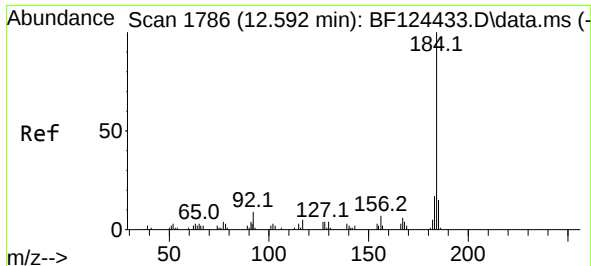
Tgt Ion:248 Resp: 6331
Ion Ratio Lower Upper
248 100
250 185.1 77.4 116.2#
141 545.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion:240 Resp: 110349
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 22.9 19.0 28.4

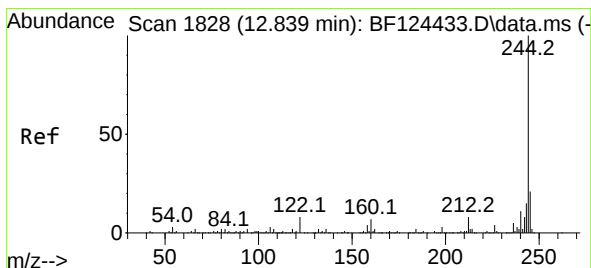
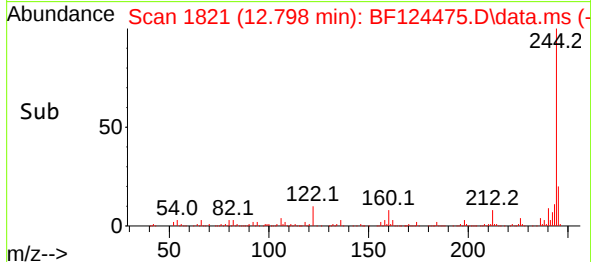
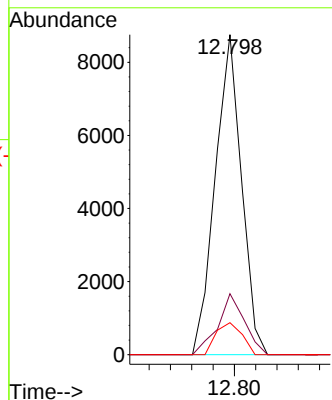
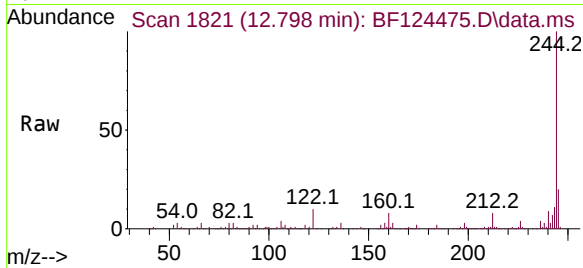




#77
Benzidine
Concen: 3.39 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

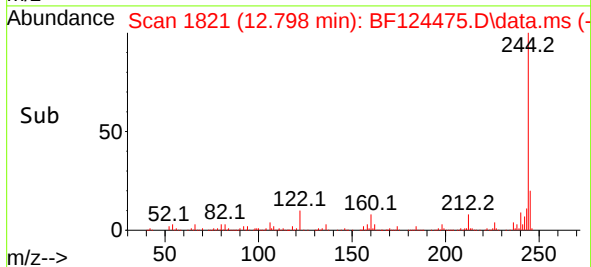
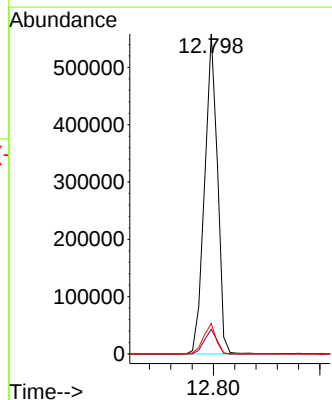
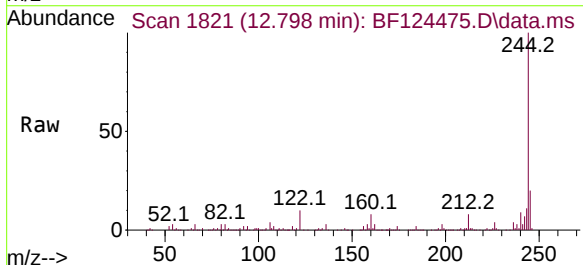
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

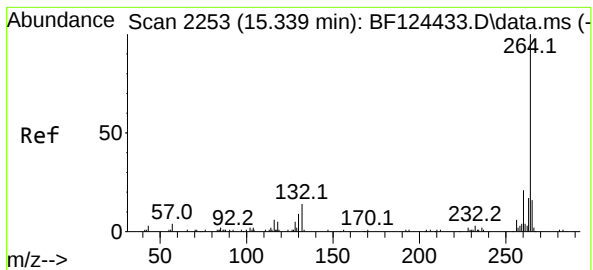
Tgt Ion:184 Resp: 7494
Ion Ratio Lower Upper
184 100
185 19.0 12.1 18.1#
183 10.0 7.8 11.8



#79
Terphenyl-d14
Concen: 63.59 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Tgt Ion:244 Resp: 468517
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.5 9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.012 min
Lab File: BF124475.D
Acq: 28 Jun 2021 18:35

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:264 Resp: 76462
Ion Ratio Lower Upper
264 100
260 21.3 18.7 28.1
265 21.9 17.8 26.8

