

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130552.D
 Acq On : 06 Oct 2022 15:52
 Operator : CG\JU
 Sample : N4996-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-1

Quant Time: Oct 07 02:10:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

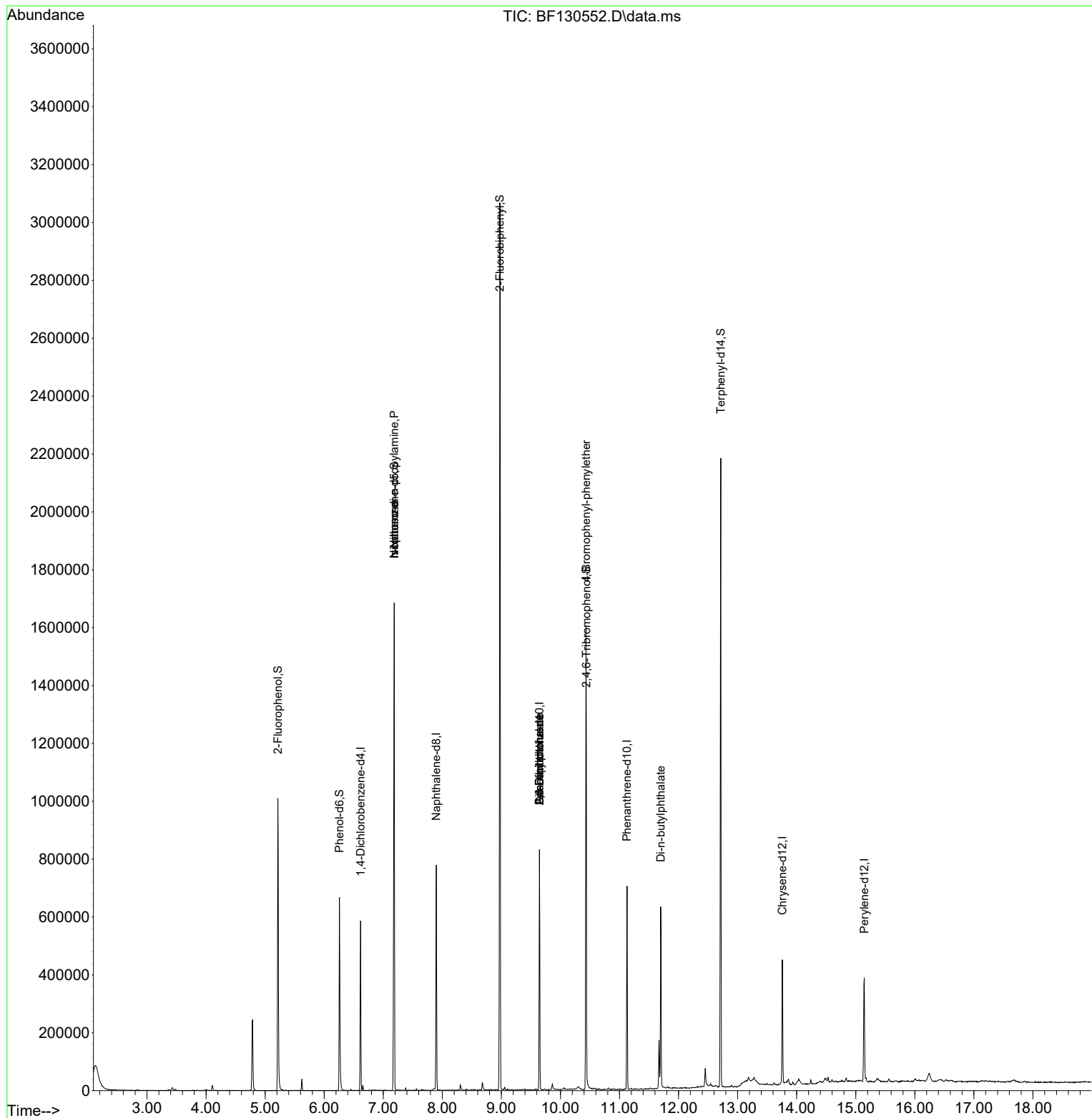
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	76908	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	306689	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	154069	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	224071	20.000	ng	0.00
76) Chrysene-d12	13.757	240	130493	20.000	ng	0.00
86) Perylene-d12	15.145	264	150212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	283720	63.986	ng	0.00
7) Phenol-d6	6.257	99	205841	37.101	ng	-0.01
23) Nitrobenzene-d5	7.186	82	527214	87.824	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	183186	124.087	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	966954	91.392	ng	0.00
79) Terphenyl-d14	12.715	244	657821	83.504	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.186	70	71761	19.168	ng	# 74
25) Isophorone	7.186	82	527204	54.488	ng	# 66
50) Dimethylphthalate	9.645	163	27911	2.623	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	19880	8.932	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	19880	6.989	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	10782	4.362	ng	# 1
74) Di-n-butylphthalate	11.698	149	289263	21.894	ng	99

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

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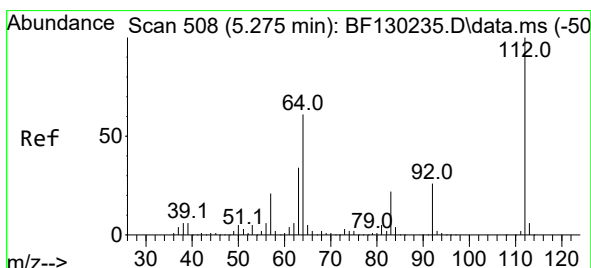
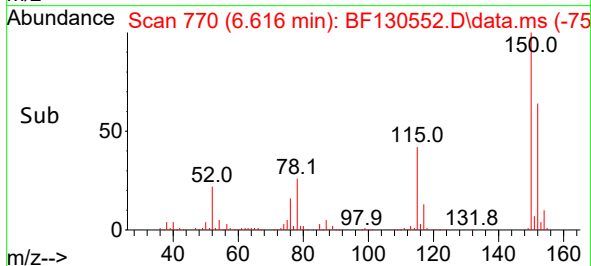
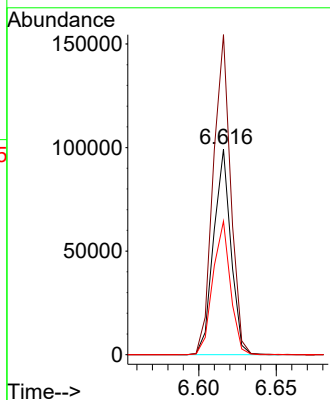
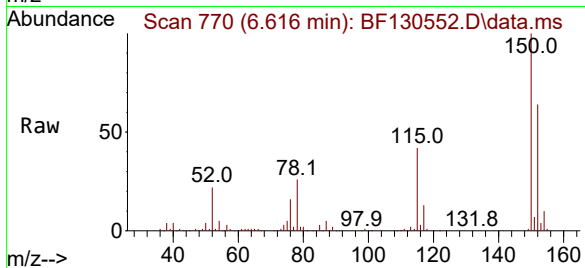




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130552.D
 Acq: 06 Oct 2022 15:52

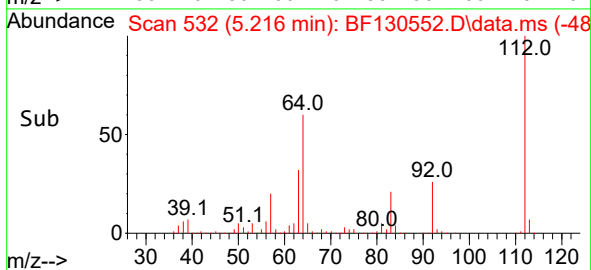
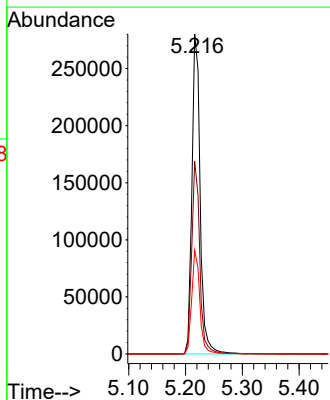
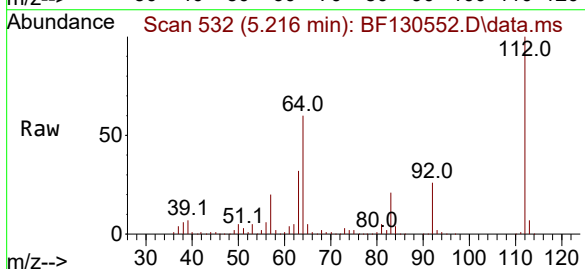
Instrument :
 BNA_F
 ClientSampleId :
 506D-1

Tgt Ion:152 Resp: 76908
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 64.9 53.8 80.8



#5
 2-Fluorophenol
 Concen: 63.986 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130552.D
 Acq: 06 Oct 2022 15:52

Tgt Ion:112 Resp: 283720
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.4 77.0
 63 32.4 28.8 43.2

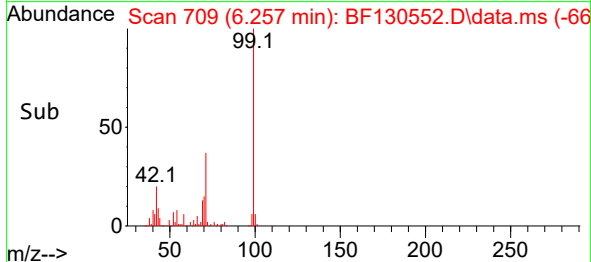
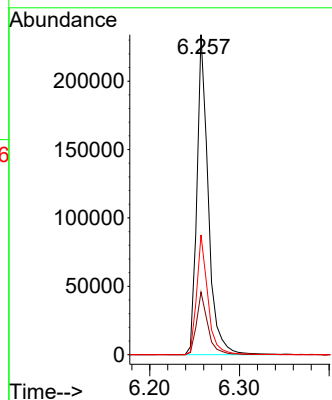
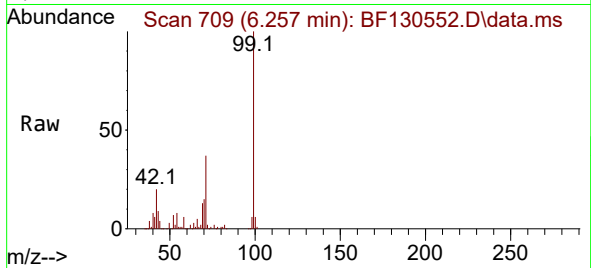




#7
Phenol-d6
Concen: 37.101 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

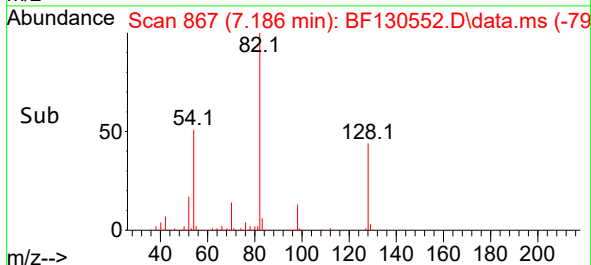
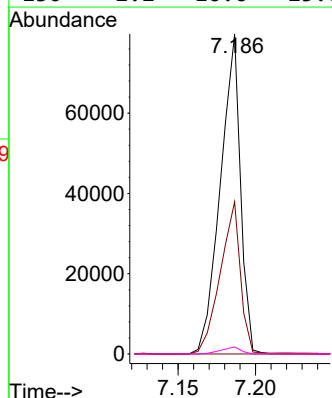
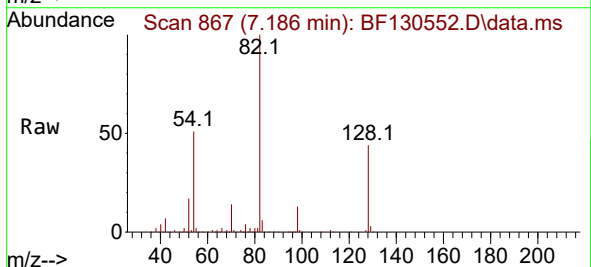
Instrument :
BNA_F
ClientSampleId :
506D-1

Tgt Ion: 99 Resp: 205841
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 37.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.168 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion: 70 Resp: 71761
Ion Ratio Lower Upper
70 100
42 47.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

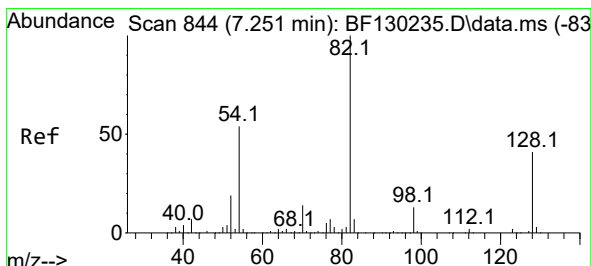
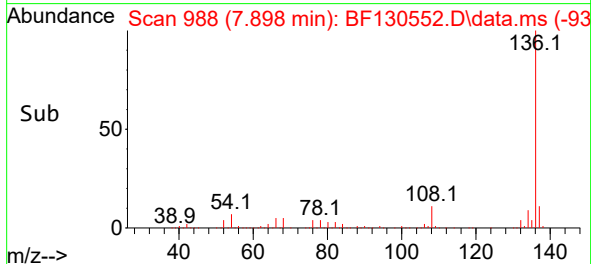
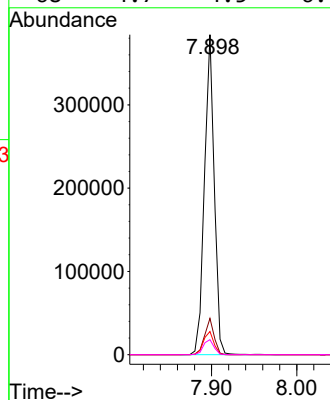
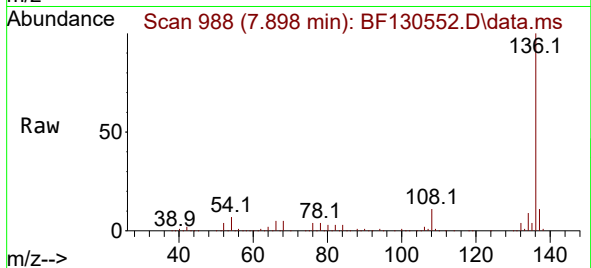




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

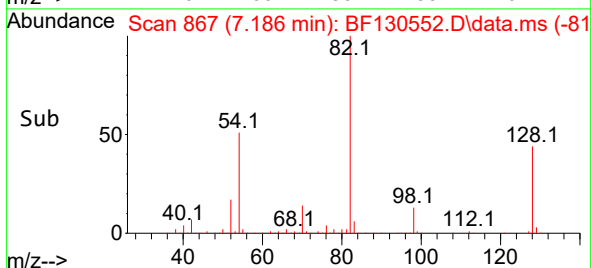
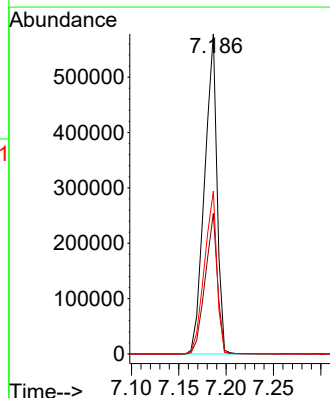
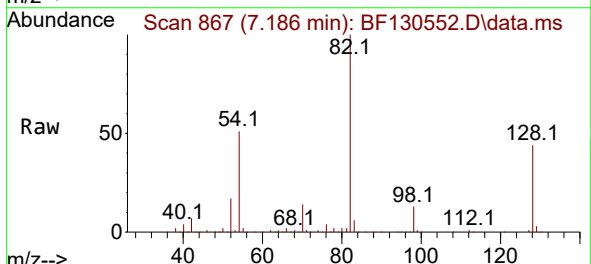
Instrument :
BNA_F
ClientSampleId :
506D-1

Tgt Ion:136	Resp: 306689
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 7.2	7.1 10.7
68 4.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.824 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion: 82	Resp: 527214
Ion Ratio	Lower Upper
82 100	
128 43.9	32.6 49.0
54 50.9	43.8 65.6

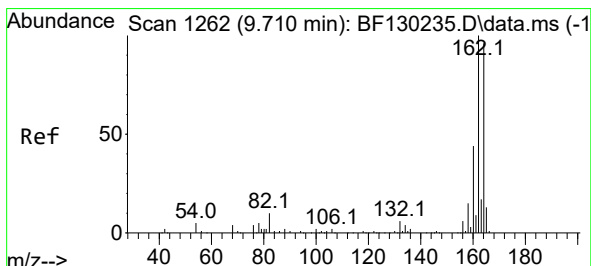
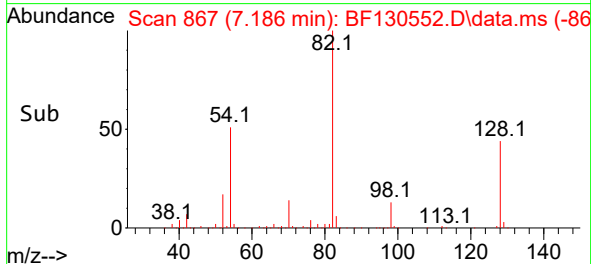
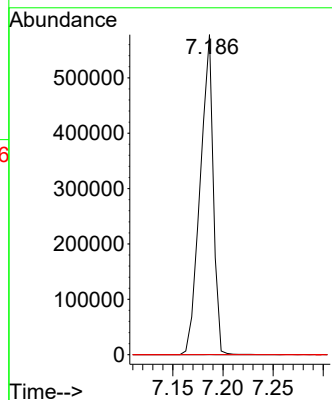
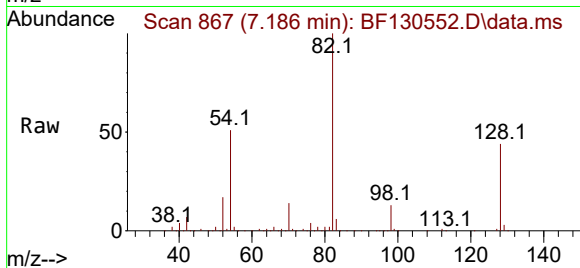




#25
Isophorone
Concen: 54.488 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

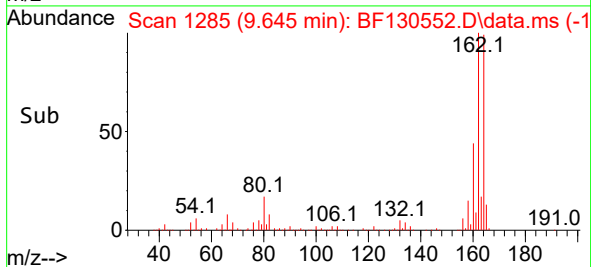
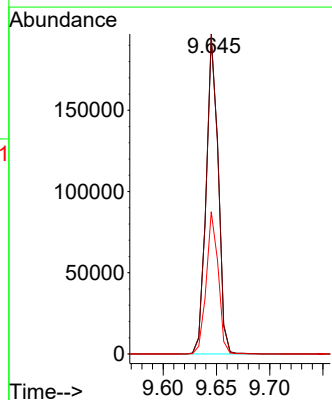
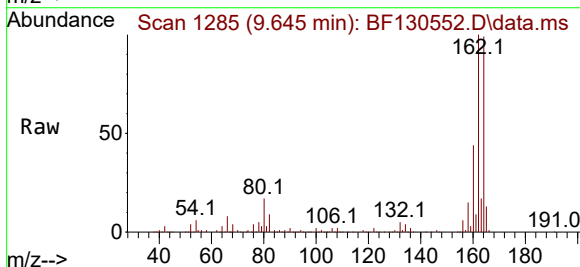
Instrument :
BNA_F
ClientSampleId :
506D-1

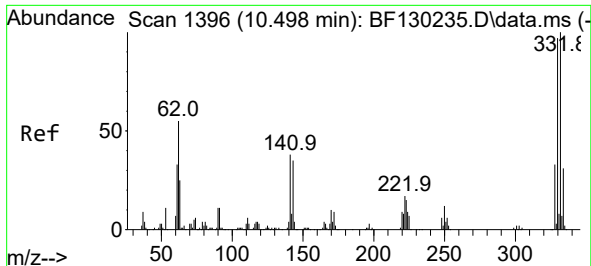
Tgt Ion: 82 Resp: 527204
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion: 164 Resp: 154069
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.1 36.2 54.4

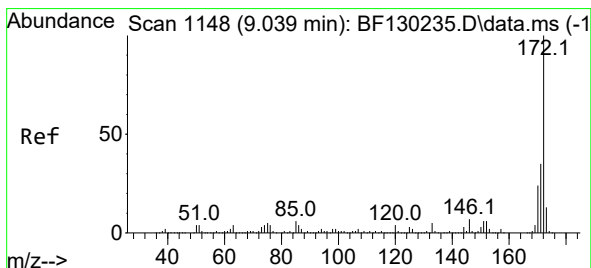
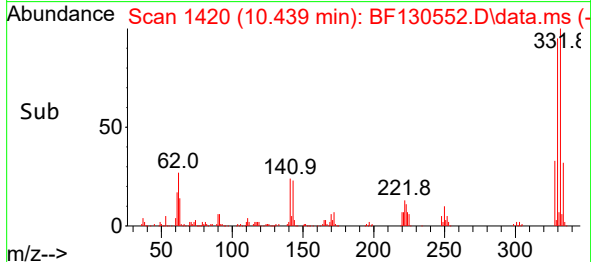
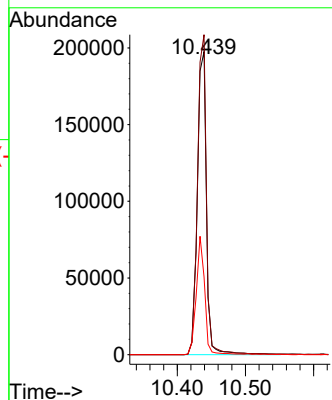
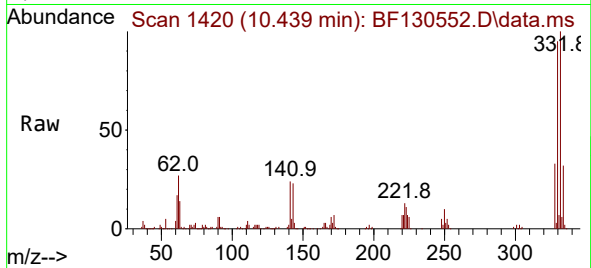




#42
2,4,6-Tribromophenol
Concen: 124.087 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

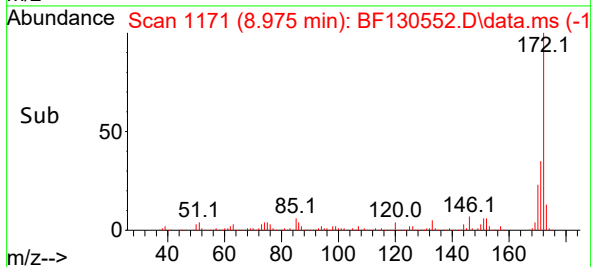
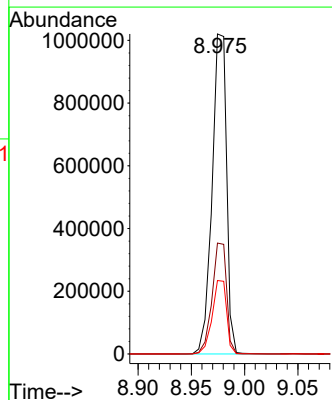
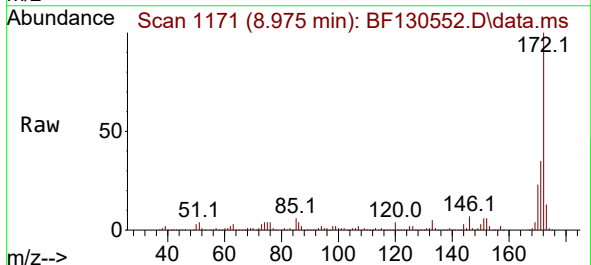
Instrument :
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ClientSampleId :
506D-1

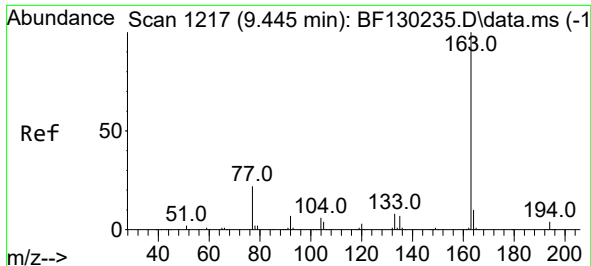
Tgt Ion:330 Resp: 183186
Ion Ratio Lower Upper
330 100
332 104.1 83.4 125.2
141 36.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 91.392 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion:172 Resp: 966954
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 18.7 28.1

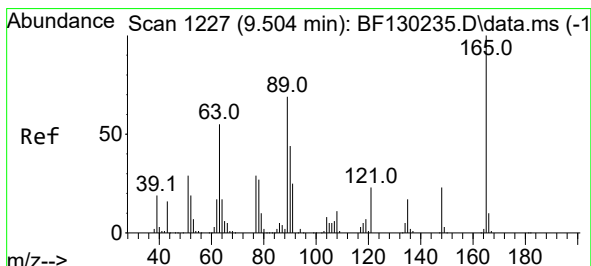
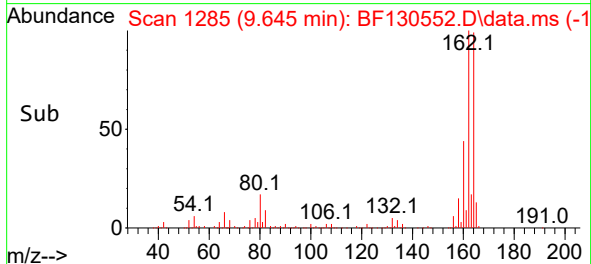
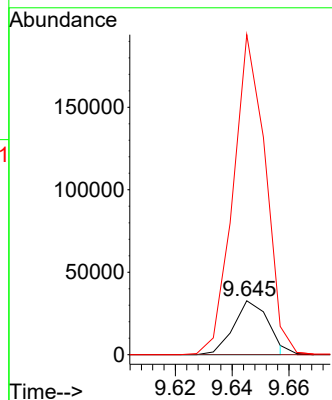
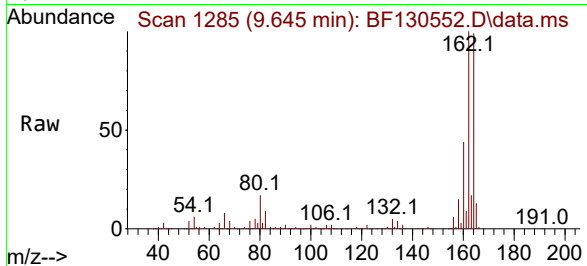




#50
 Dimethylphthalate
 Concen: 2.623 ng
 RT: 9.645 min Scan# 1285
 Delta R.T. 0.259 min
 Lab File: BF130552.D
 Acq: 06 Oct 2022 15:52

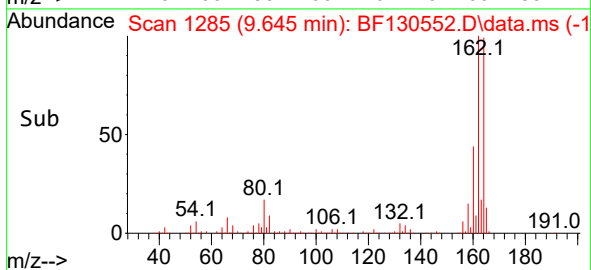
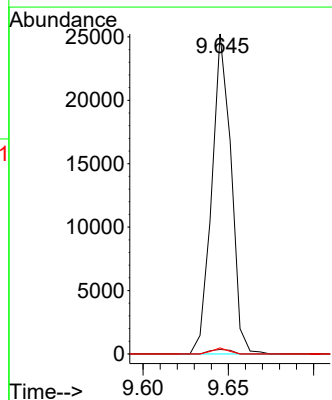
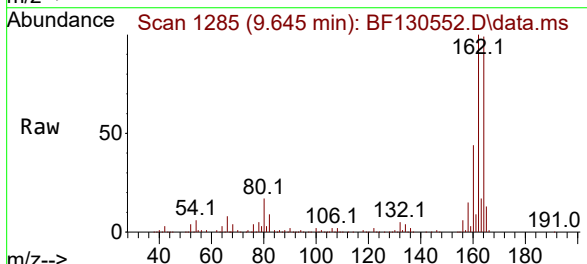
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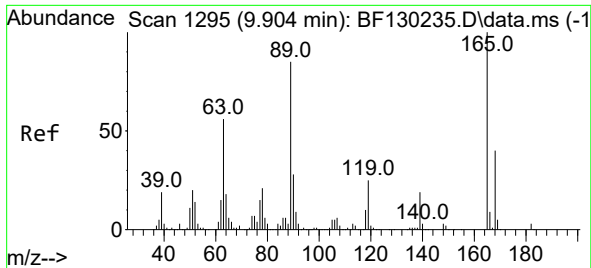
Tgt Ion:163 Resp: 27911
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.8 4.2#
 164 592.8 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 8.932 ng
 RT: 9.645 min Scan# 1285
 Delta R.T. 0.194 min
 Lab File: BF130552.D
 Acq: 06 Oct 2022 15:52

Tgt Ion:165 Resp: 19880
 Ion Ratio Lower Upper
 165 100
 63 1.4 58.8 88.2#
 89 1.9 54.5 81.7#

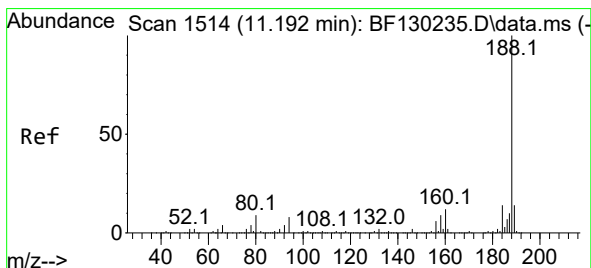
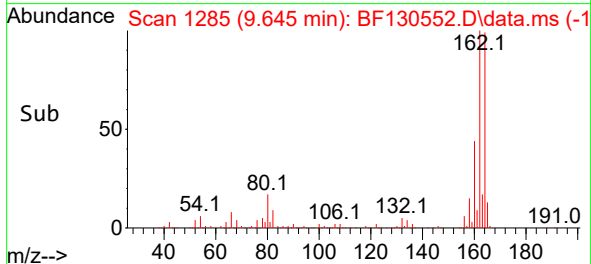
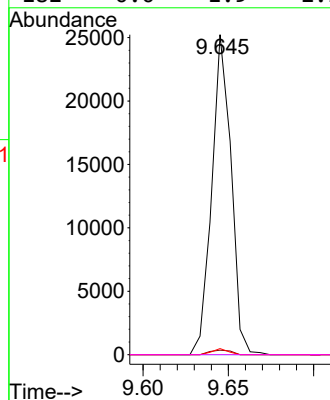
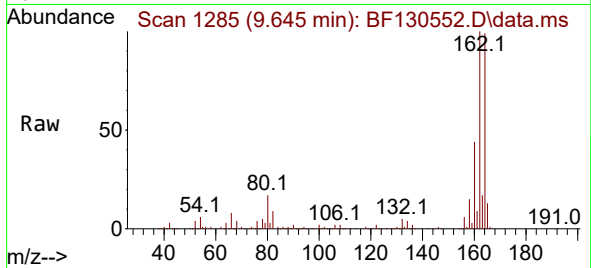




#57
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

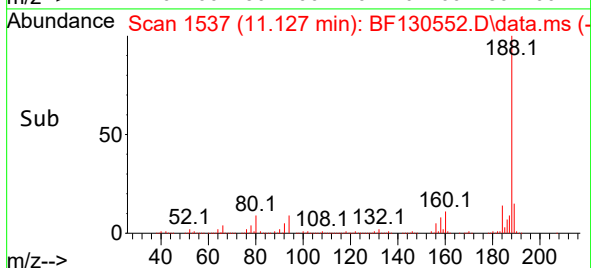
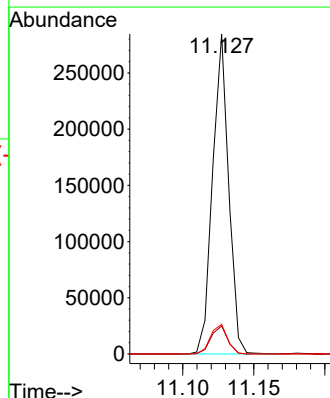
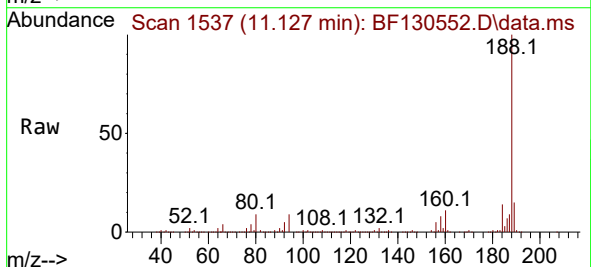
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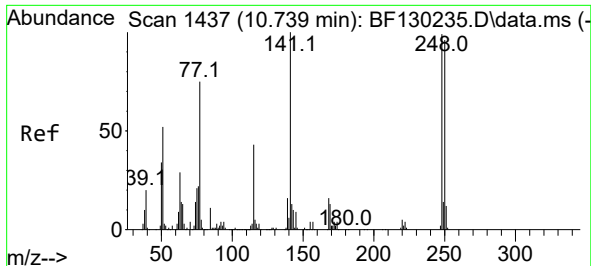
Tgt Ion:165 Resp: 19880
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion:188 Resp: 224071
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 7.9 11.9

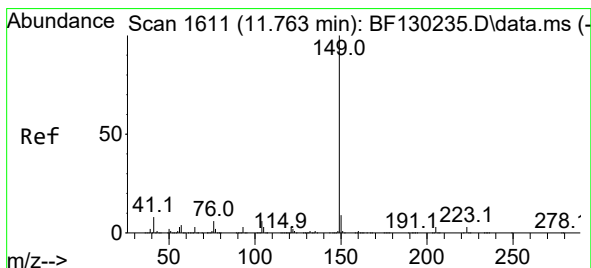
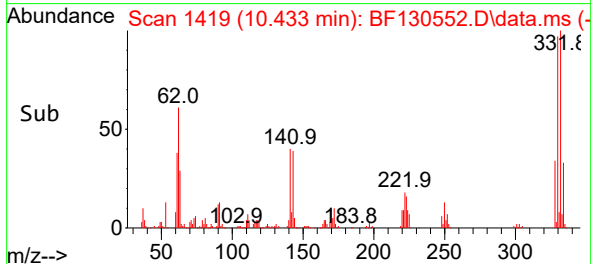
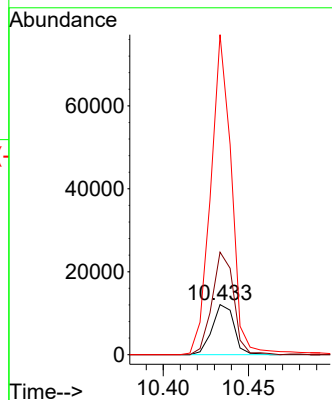
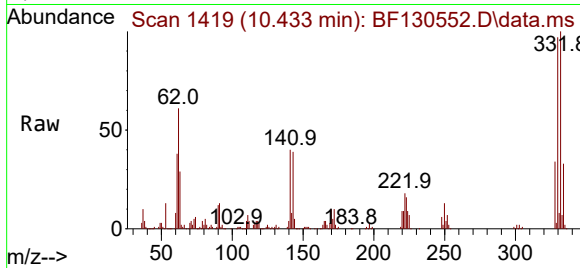




#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 10.433 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

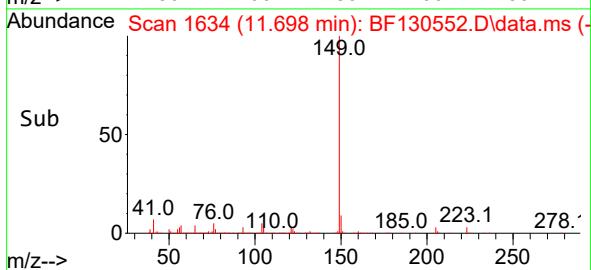
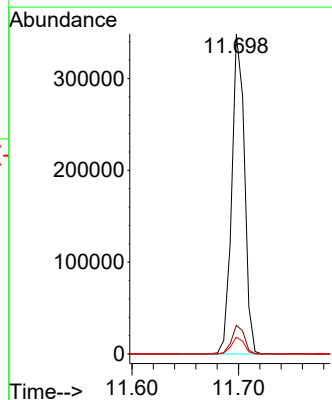
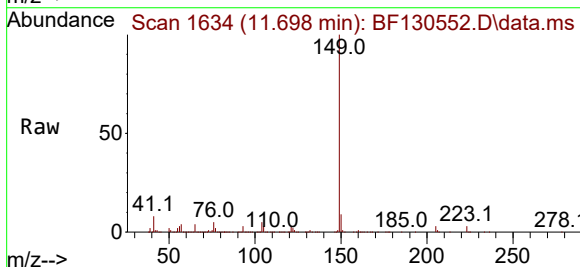
Instrument :
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ClientSampleId :
506D-1

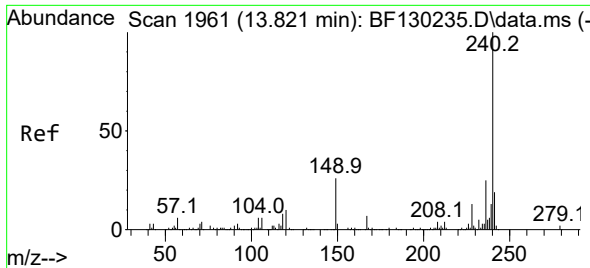
Tgt Ion:248 Resp: 10782
Ion Ratio Lower Upper
248 100
250 204.7 80.0 120.0#
141 638.8 68.5 102.7#



#74
Di-n-butylphthalate
Concen: 21.894 ng
RT: 11.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion:149 Resp: 289263
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.3 4.8 7.2

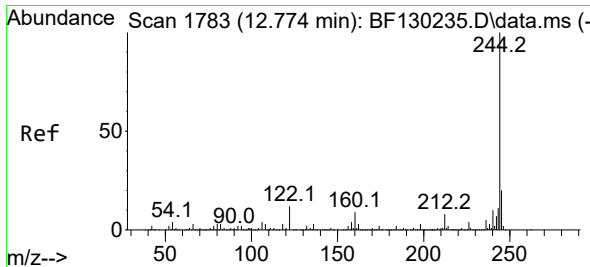
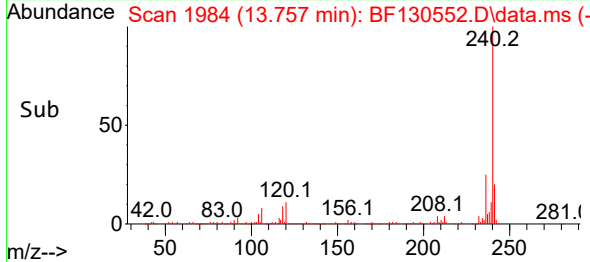
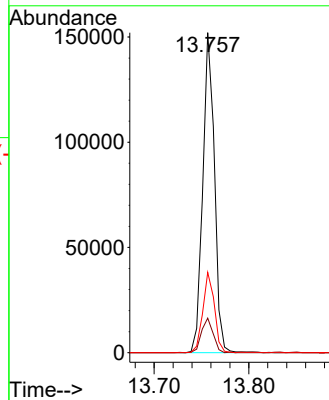
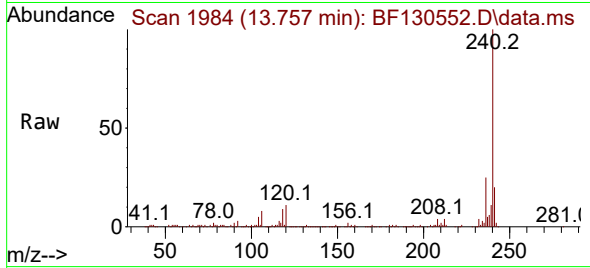




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

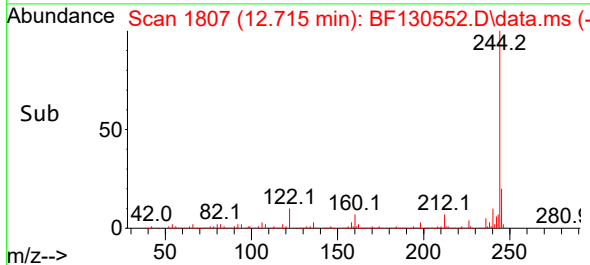
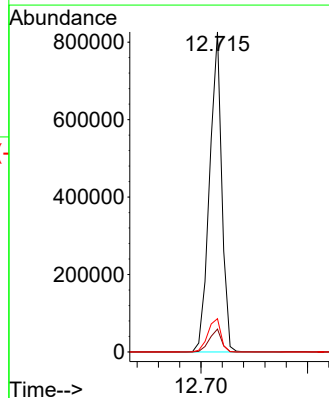
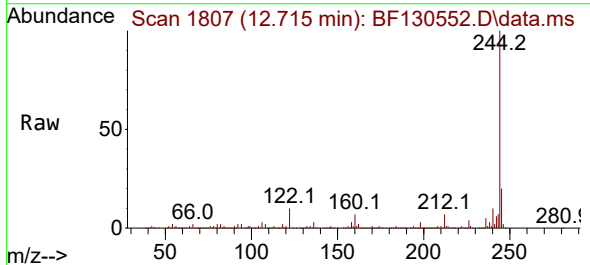
Instrument :
BNA_F
ClientSampleId :
506D-1

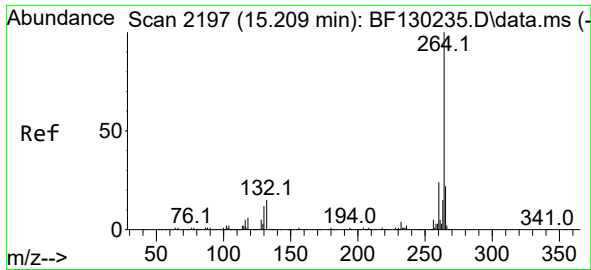
Tgt Ion:240 Resp: 130493
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 83.504 ng
RT: 12.715 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF130552.D
Acq: 06 Oct 2022 15:52

Tgt Ion:244 Resp: 657821
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.4 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130552.D

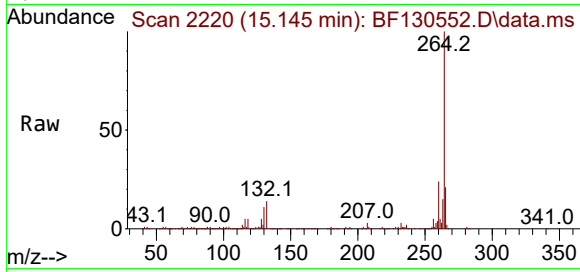
Acq: 06 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

506D-1



Tgt Ion:264 Resp: 150212

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 20.8 17.0 25.4

