

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130584.D
 Acq On : 07 Oct 2022 20:16
 Operator : CG\JU
 Sample : N5046-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-4

Quant Time: Oct 10 01:46:01 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)

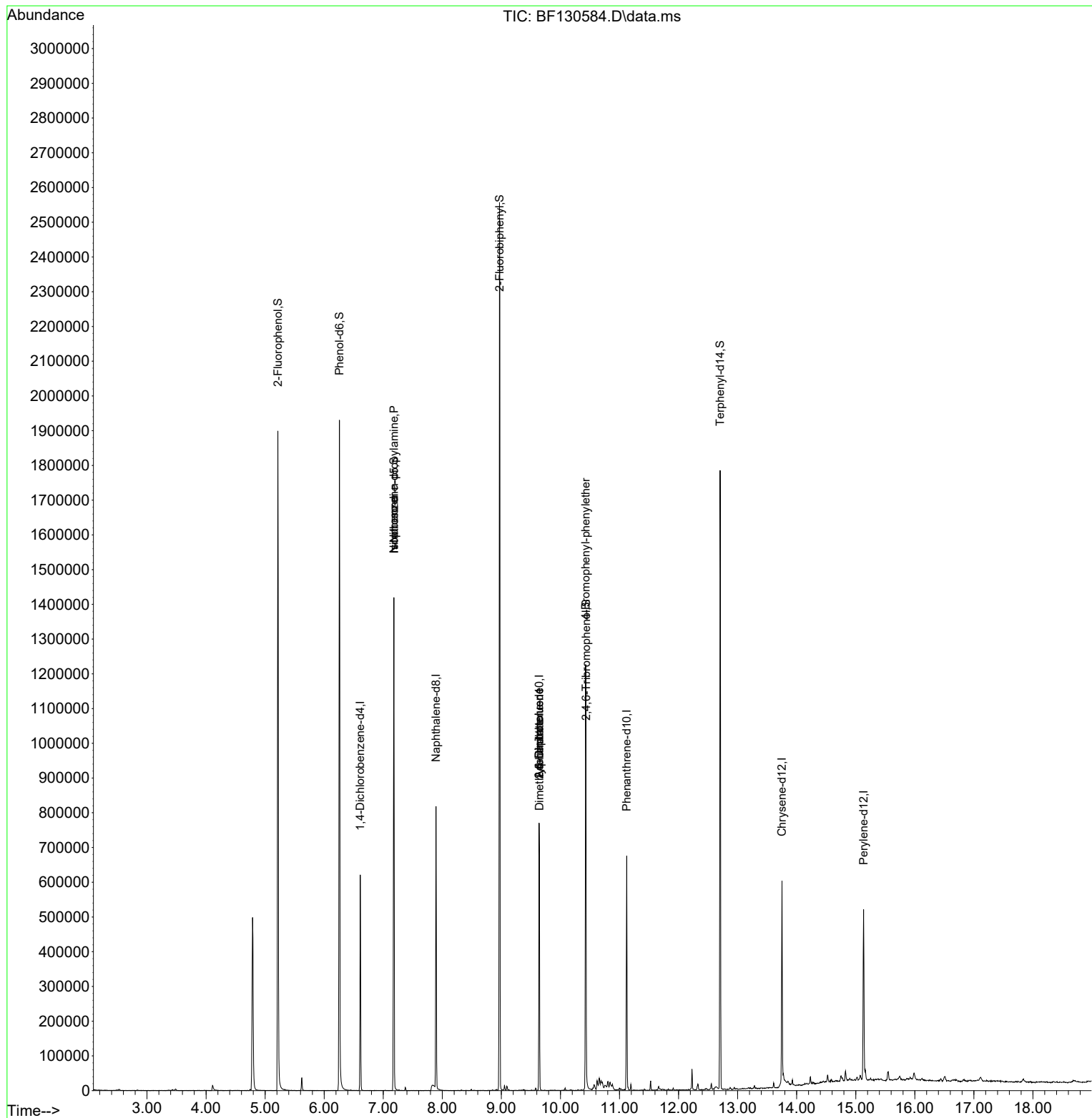
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	82279	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	314845	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	151768	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	212920	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	165918	20.000	ng	-0.01
86) Perylene-d12	15.133	264	193627	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	530451	111.821	ng	0.00
7) Phenol-d6	6.257	99	650705	109.628	ng	-0.01
23) Nitrobenzene-d5	7.181	82	416366	67.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	142973	98.315	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	772308	74.102	ng	-0.01
79) Terphenyl-d14	12.704	244	578708	57.777	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	55175	13.776	ng	# 74
25) Isophorone	7.181	82	416363	41.918	ng	# 66
50) Dimethylphthalate	9.645	163	28311	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	19625	8.951	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	19625	7.004	ng	# 16
67) 4-Bromophenyl-phenylether	10.427	248	8928	3.801	ng	# 1

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

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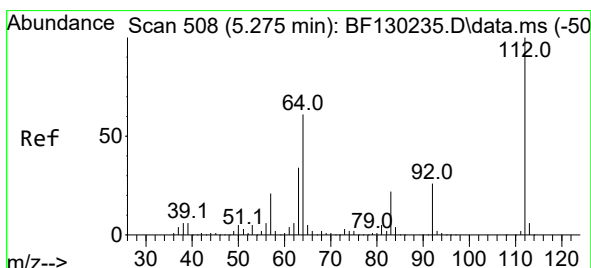
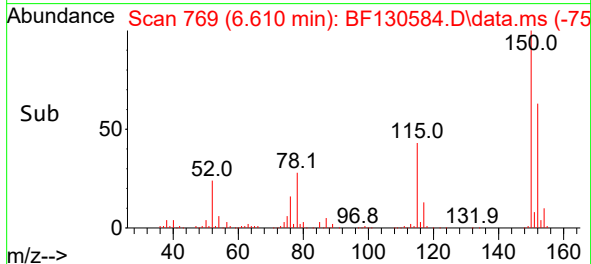
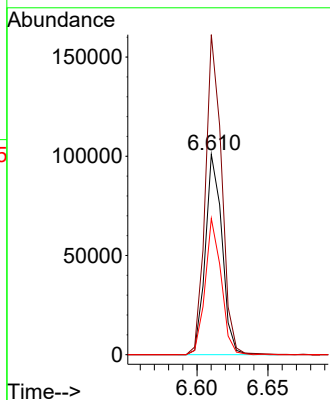
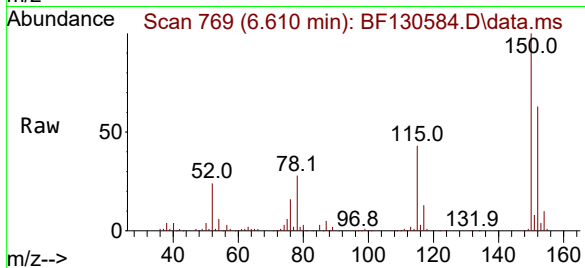




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

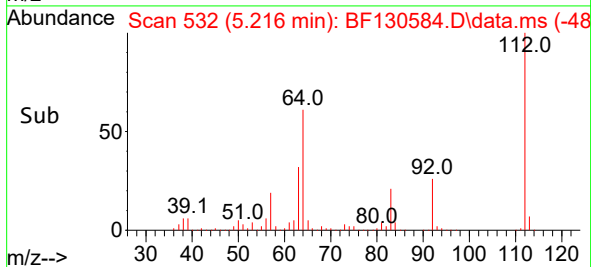
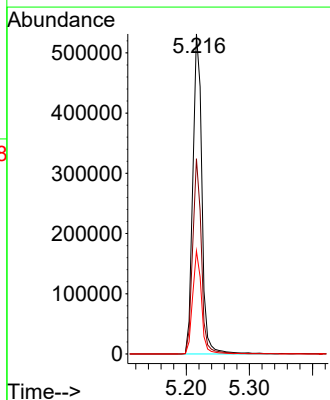
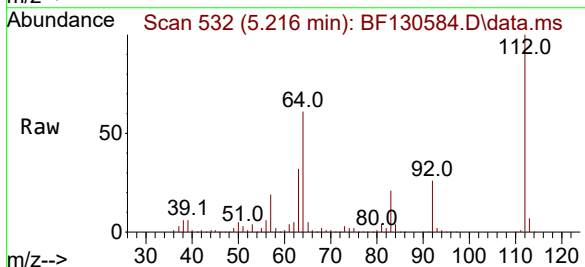
Instrument :
BNA_F
ClientSampleId :
R-4

Tgt Ion:152 Resp: 82279
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 68.0 53.8 80.8



#5
2-Fluorophenol
Concen: 111.821 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion:112 Resp: 530451
Ion Ratio Lower Upper
112 100
64 61.0 51.4 77.0
63 32.2 28.8 43.2

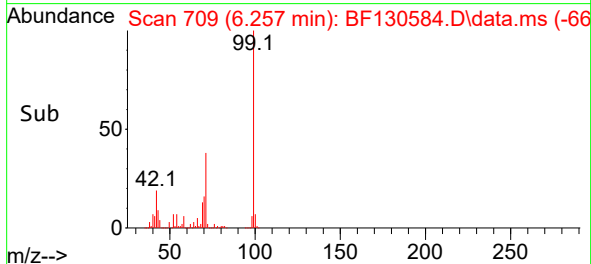
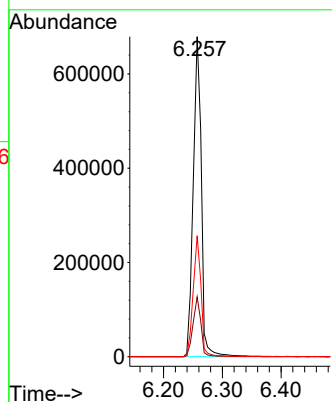
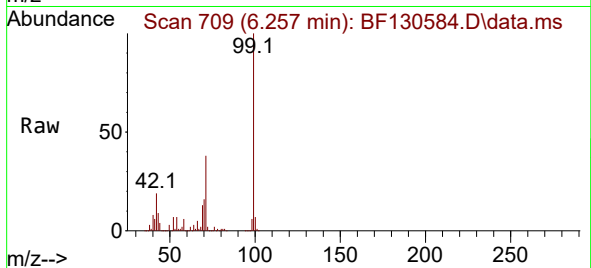




#7
Phenol-d6
Concen: 109.628 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

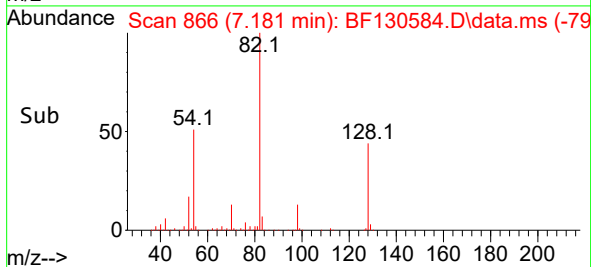
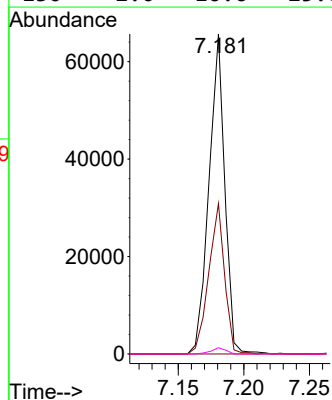
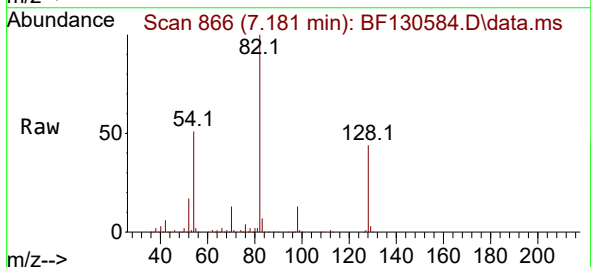
Instrument :
BNA_F
ClientSampleId :
R-4

Tgt Ion: 99 Resp: 650705
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 37.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.776 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion: 70 Resp: 55175
Ion Ratio Lower Upper
70 100
42 47.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

Instrument :

BNA_F

ClientSampleId :

R-4

Tgt Ion:136 Resp: 314845

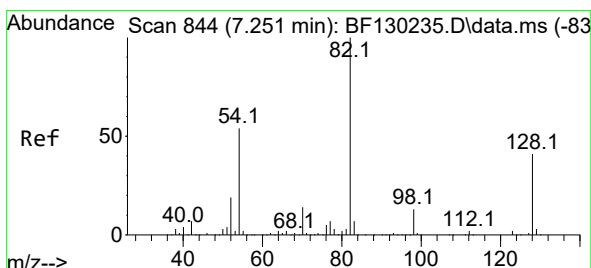
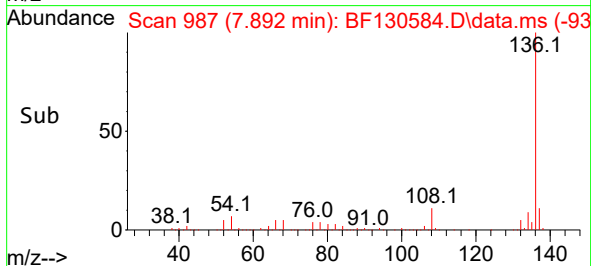
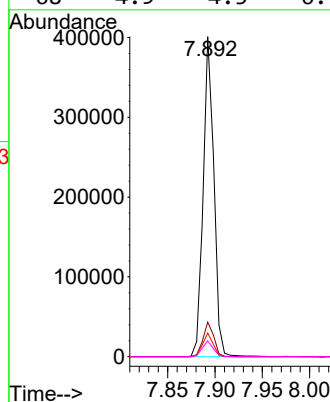
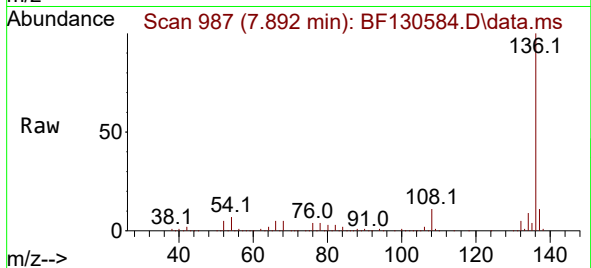
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.4 7.1 10.7

68 4.9 4.5 6.7



#23

Nitrobenzene-d5

Concen: 67.562 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

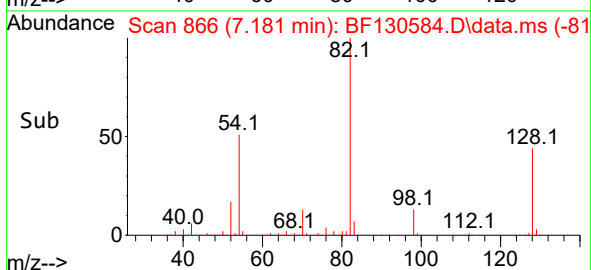
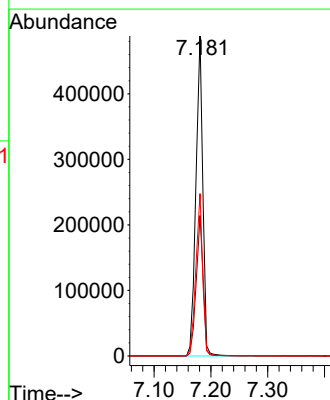
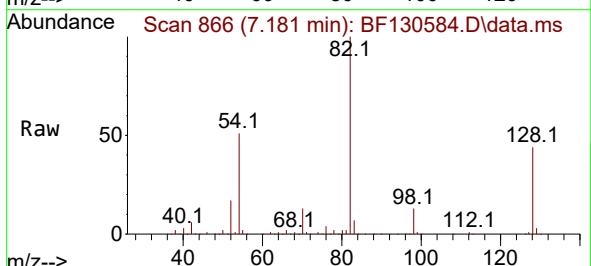
Tgt Ion: 82 Resp: 416366

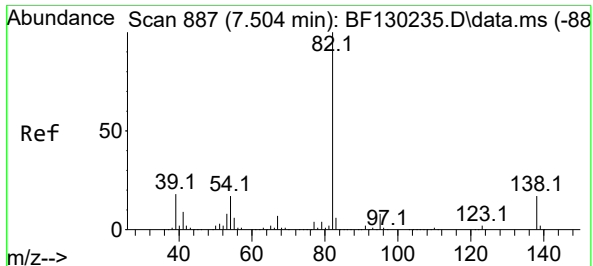
Ion Ratio Lower Upper

82 100

128 43.9 32.6 49.0

54 50.7 43.8 65.6

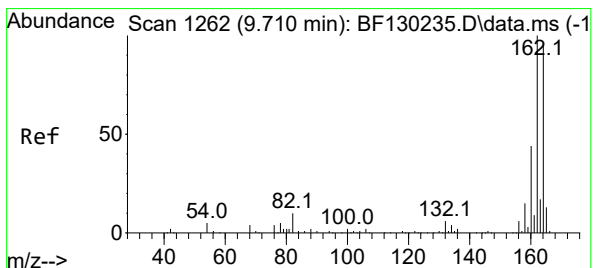
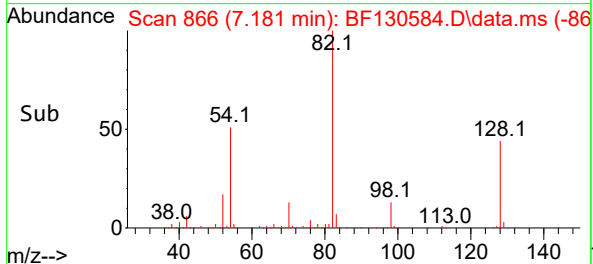
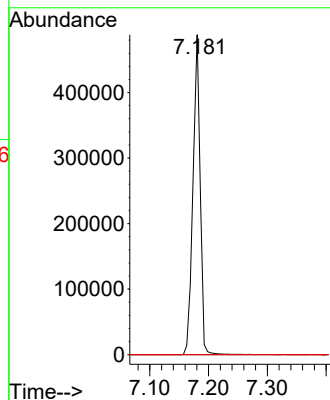
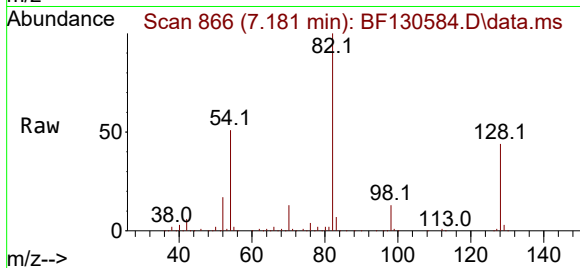




#25
Isophorone
Concen: 41.918 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

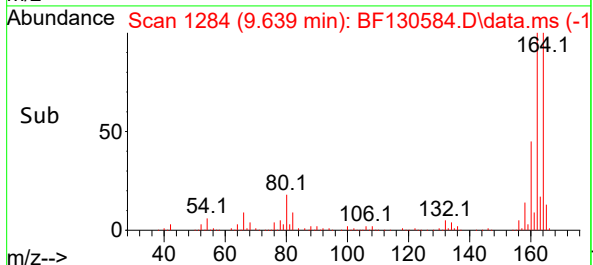
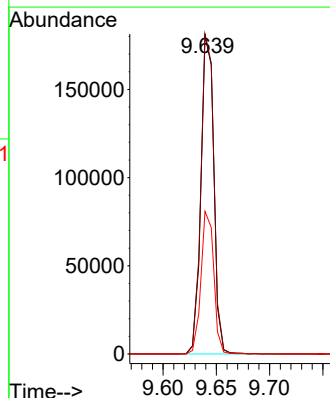
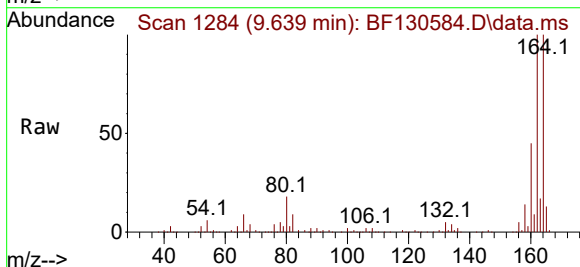
Instrument :
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ClientSampleId :
R-4

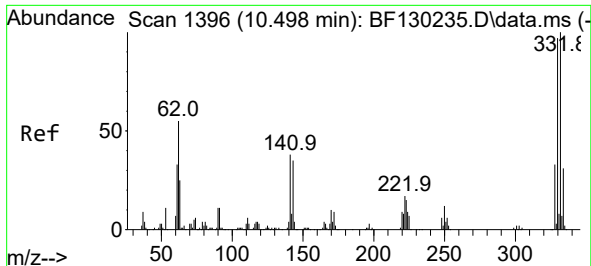
Tgt Ion: 82 Resp: 416363
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion: 164 Resp: 151768
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.8 36.2 54.4

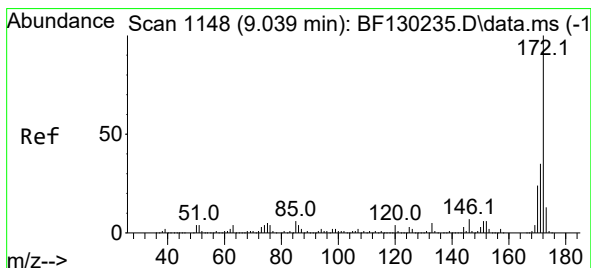
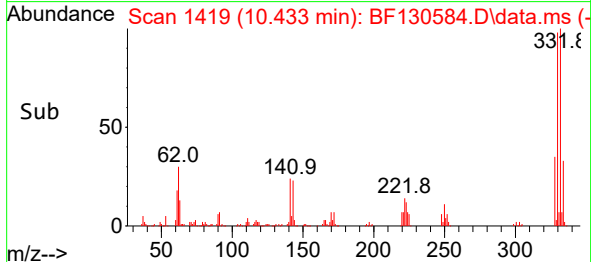
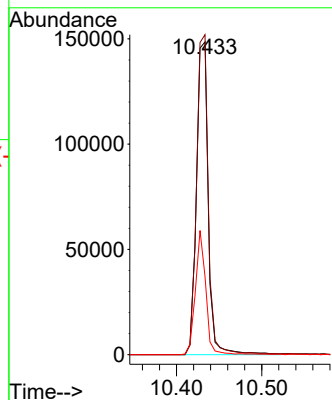
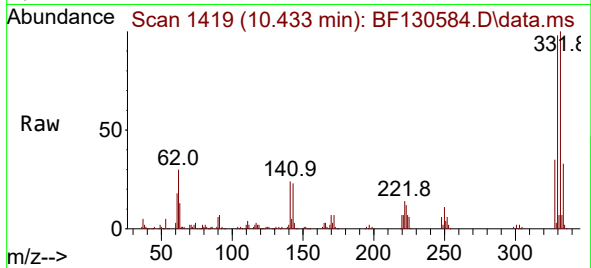




#42
2,4,6-Tribromophenol
Concen: 98.315 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

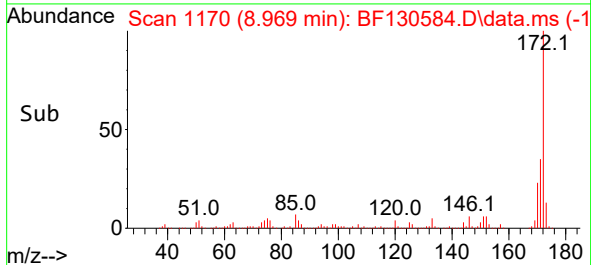
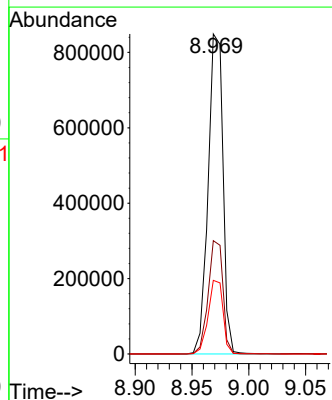
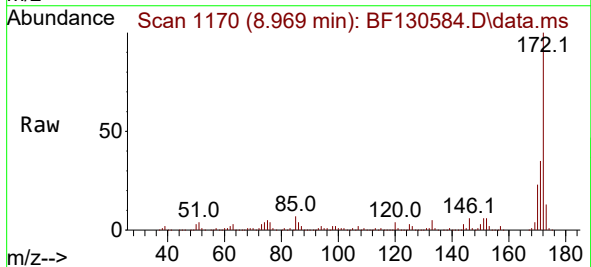
Instrument :
BNA_F
ClientSampleId :
R-4

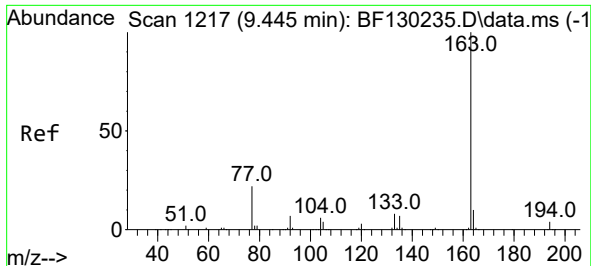
Tgt Ion: 330 Resp: 142973
Ion Ratio Lower Upper
330 100
332 102.7 83.4 125.2
141 35.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 74.102 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion: 172 Resp: 772308
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.0 18.7 28.1

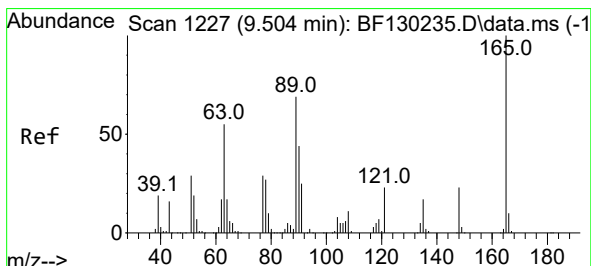
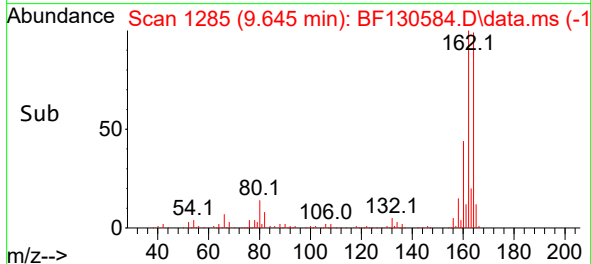
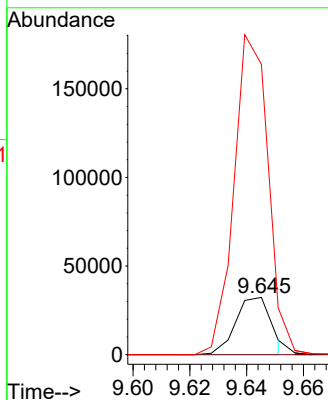
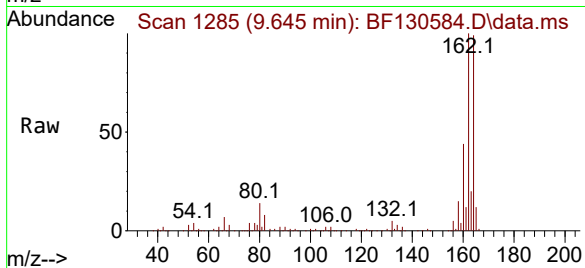




#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.259 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

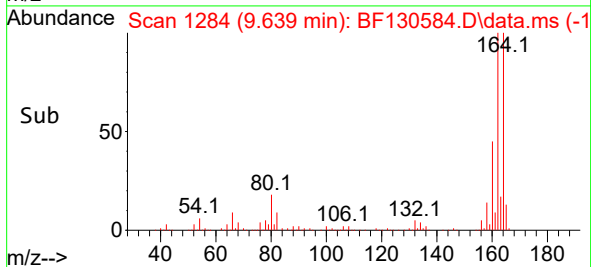
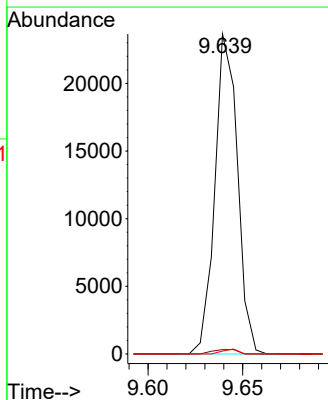
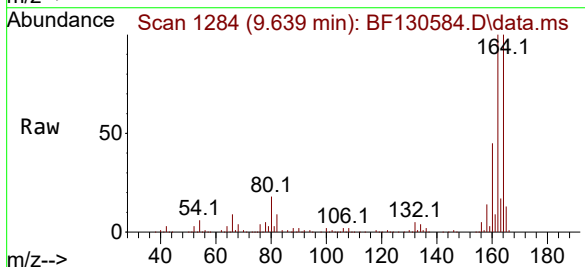
Instrument :
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ClientSampleId :
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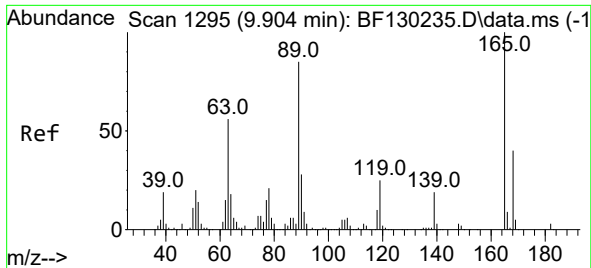
Tgt Ion:163 Resp: 28311
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 507.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion:165 Resp: 19625
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 0.9 54.5 81.7#

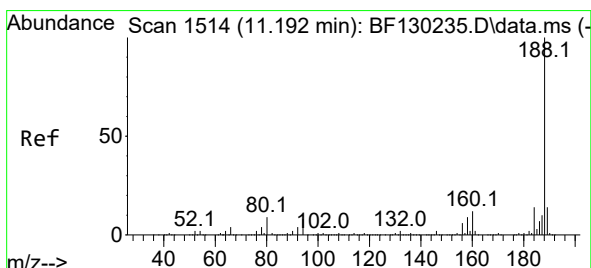
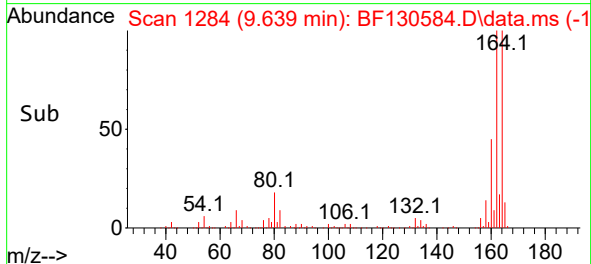
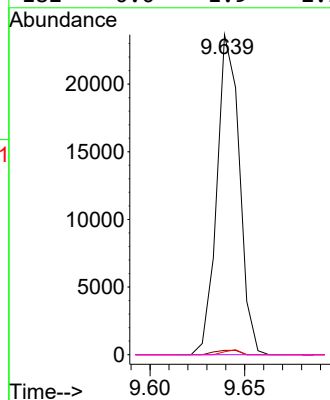
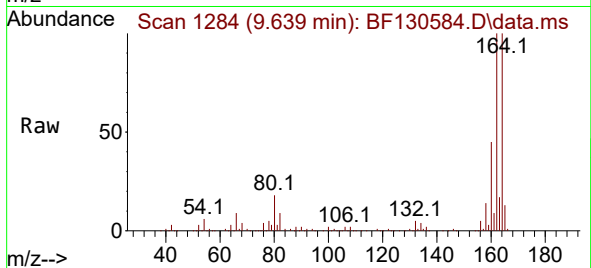




#57
2,4-Dinitrotoluene
Concen: 7.004 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

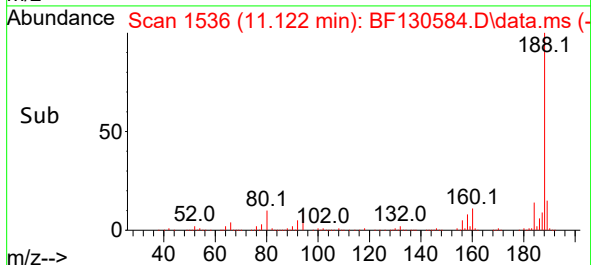
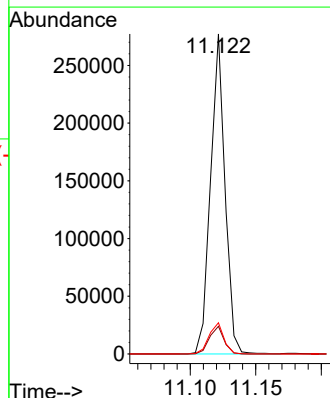
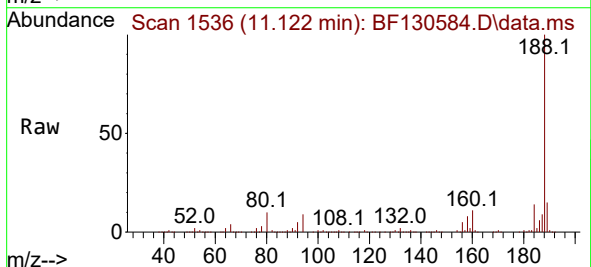
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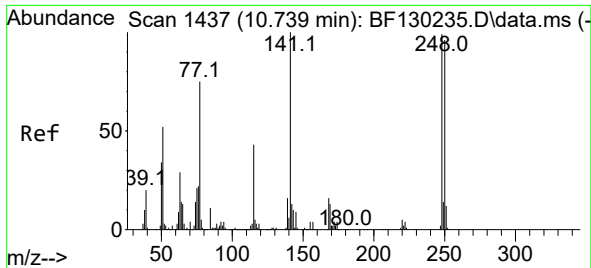
Tgt Ion:165	Resp:	19625
Ion Ratio	Lower	Upper
165	100	
63	1.4	44.7 67.1#
89	0.9	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion:188	Resp:	212920
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.4 11.2
80	9.8	7.9 11.9

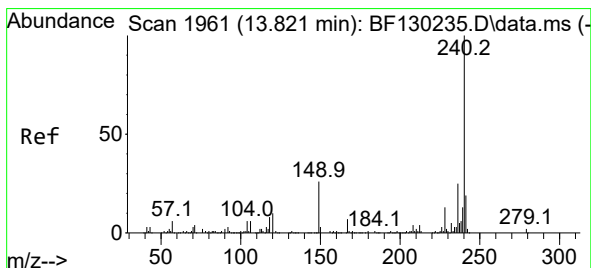
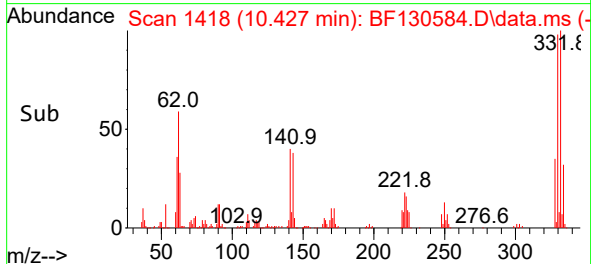
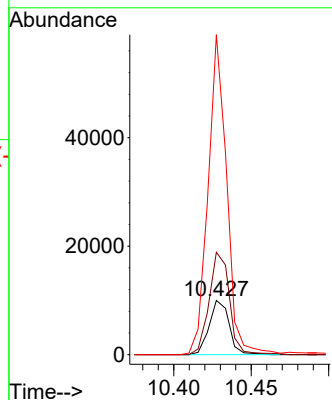
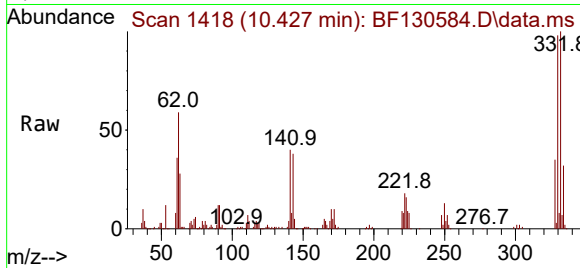




#67
4-Bromophenyl-phenylether
Concen: 3.801 ng
RT: 10.427 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

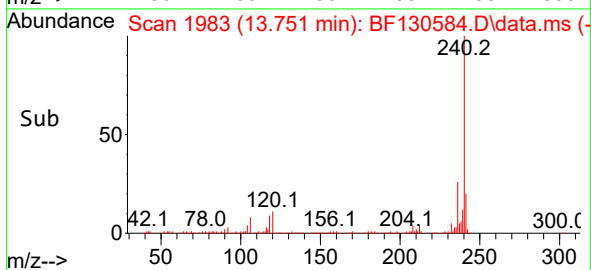
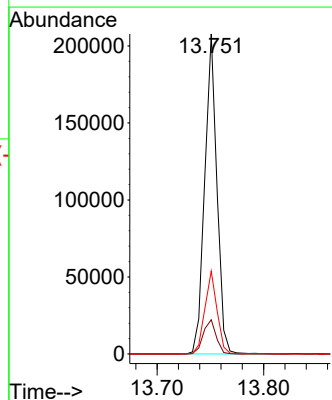
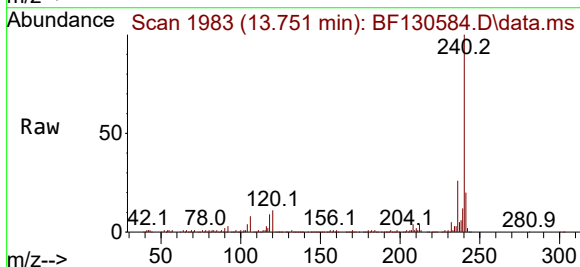
Instrument :
BNA_F
ClientSampleId :
R-4

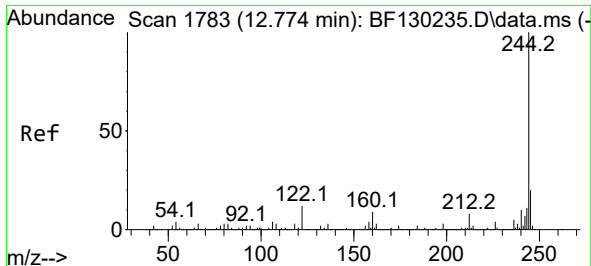
Tgt Ion:248 Resp: 8928
Ion Ratio Lower Upper
248 100
250 189.4 80.0 120.0#
141 590.7 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion:240 Resp: 165918
Ion Ratio Lower Upper
240 100
120 10.7 8.7 13.1
236 25.9 20.9 31.3

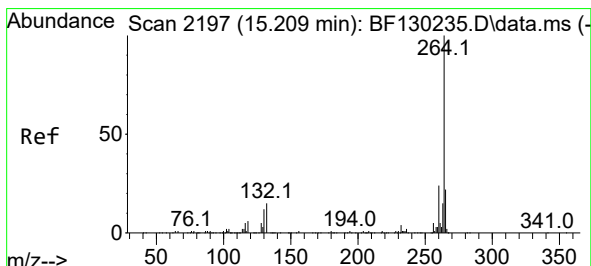
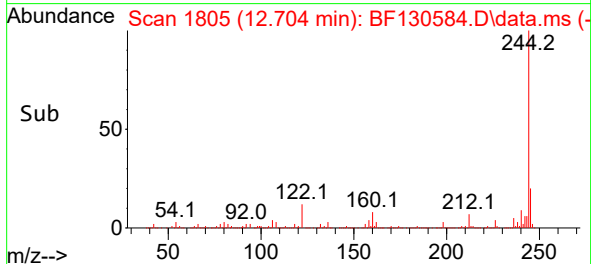
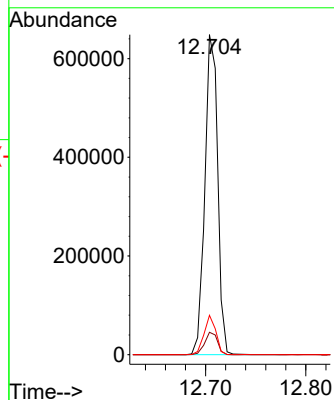
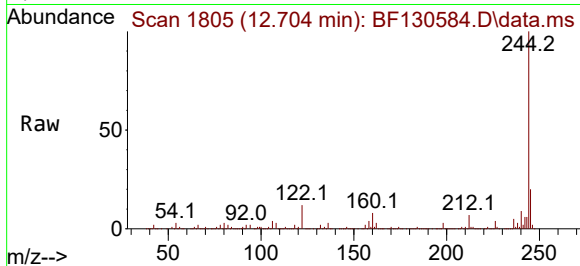




#79
 Terphenyl-d14
 Concen: 57.777 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

Instrument :
 BNA_F
 ClientSampleId :
 R-4

Tgt Ion:244 Resp: 578708
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

Tgt Ion:264 Resp: 193627
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 20.9 17.0 25.4

