

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130576.D
 Acq On : 07 Oct 2022 15:31
 Operator : CG\JU
 Sample : PB148182BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148182BL

Quant Time: Oct 10 01:43:11 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)

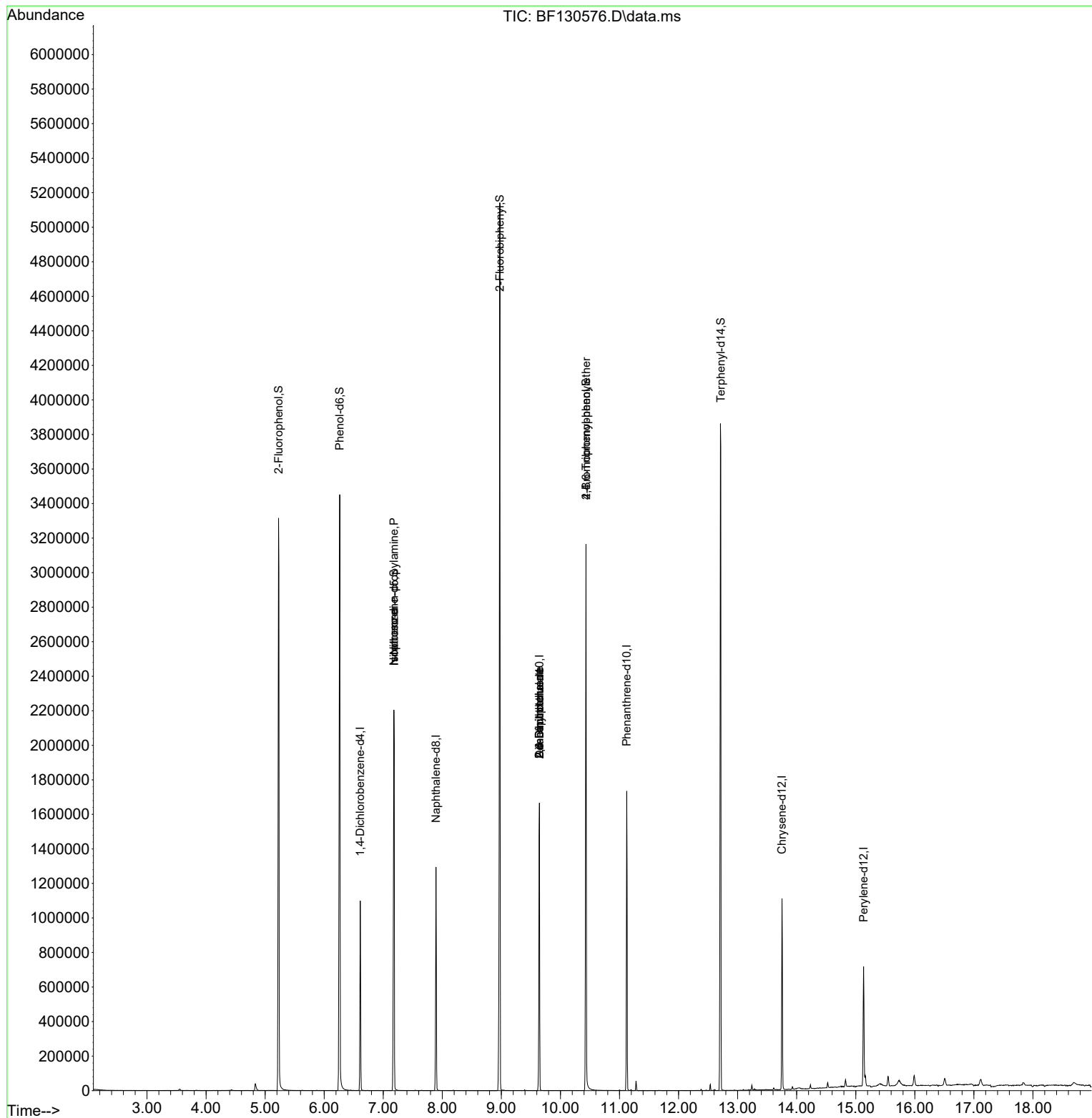
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	154229	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	559054	20.000	ng	-0.01
39) Acenaphthene-d10	9.645	164	345588	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	583172	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	356158	20.000	ng	-0.01
86) Perylene-d12	15.133	264	271583	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	1039981	116.957	ng	0.01
7) Phenol-d6	6.263	99	1326294	119.207	ng	0.00
23) Nitrobenzene-d5	7.181	82	852056	77.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	372732	112.561	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	1530724	64.500	ng	0.00
79) Terphenyl-d14	12.716	244	1456982	67.764	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	115038	15.323	ng	# 72
25) Isophorone	7.181	82	850285	48.210	ng	# 66
50) Dimethylphthalate	9.645	163	65282	2.735	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	44921	8.998	ng	# 15
57) 2,4-Dinitrotoluene	9.645	165	44921	7.040	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	22744	3.535	ng	# 1

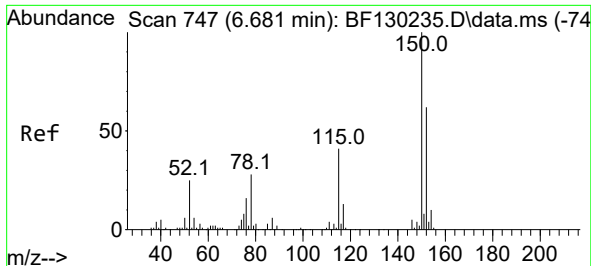
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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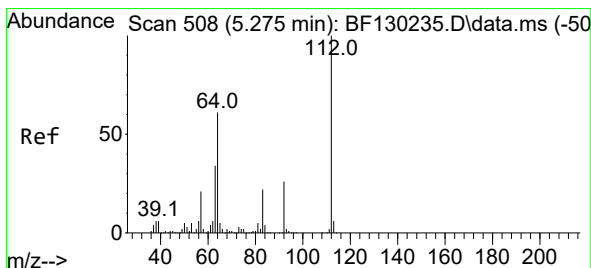
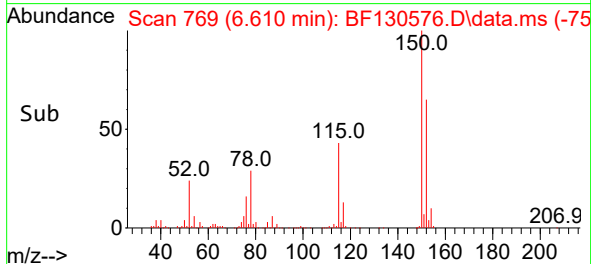
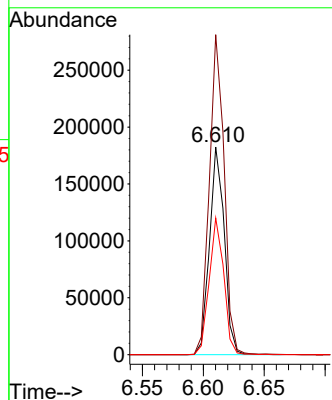
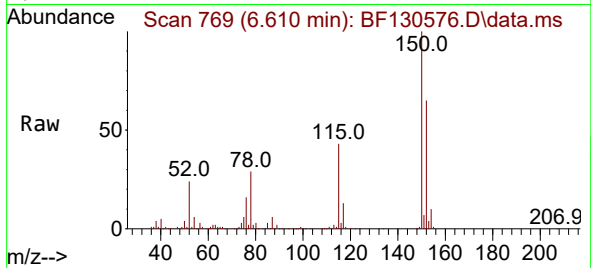




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130576.D
 Acq: 07 Oct 2022 15:31

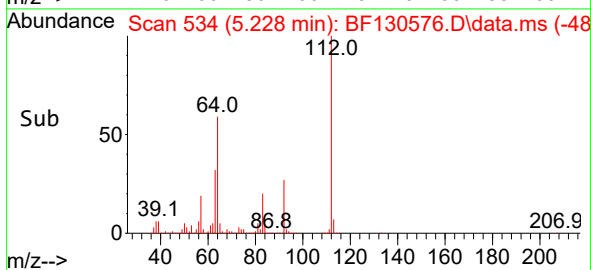
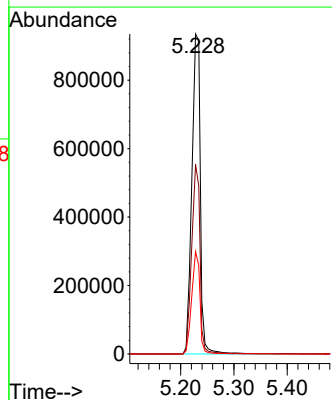
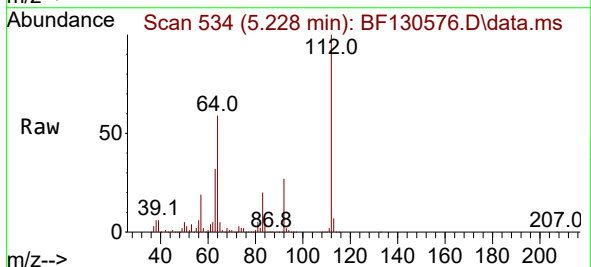
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BL

Tgt Ion:152 Resp: 154229
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.8 184.2
 115 65.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 116.957 ng
 RT: 5.228 min Scan# 534
 Delta R.T. 0.012 min
 Lab File: BF130576.D
 Acq: 07 Oct 2022 15:31

Tgt Ion:112 Resp: 1039981
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.4 77.0
 63 32.1 28.8 43.2

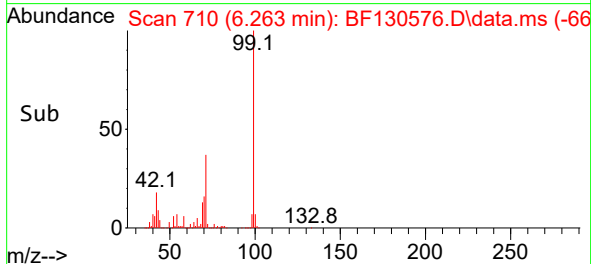
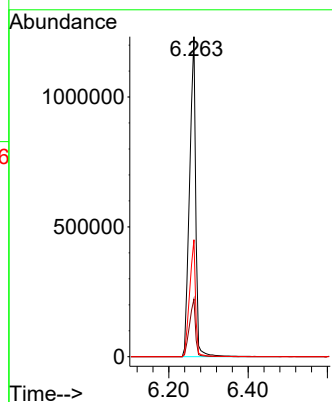
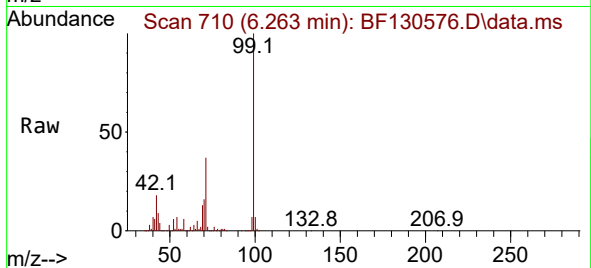




#7
Phenol-d6
Concen: 119.207 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

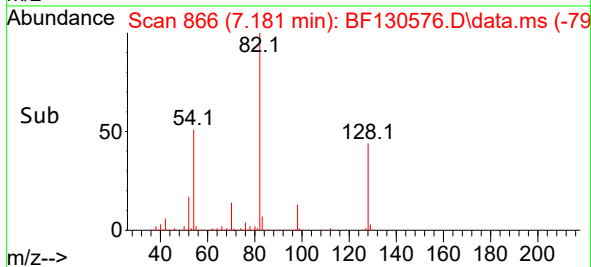
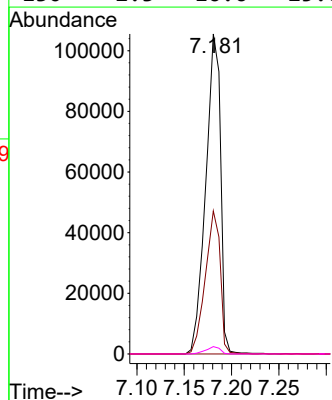
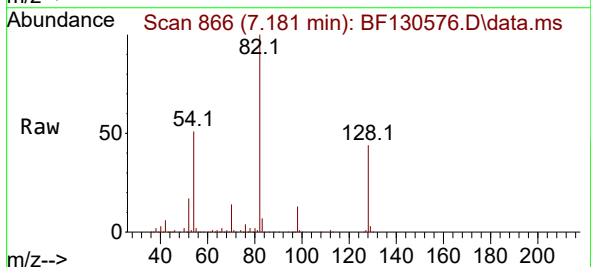
Instrument :
BNA_F
ClientSampleId :
PB148182BL

Tgt Ion: 99 Resp: 1326294
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 36.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.323 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion: 70 Resp: 115038
Ion Ratio Lower Upper
70 100
42 44.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

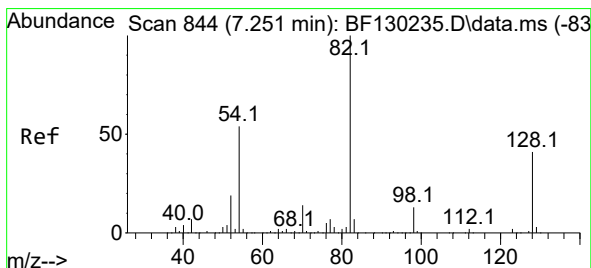
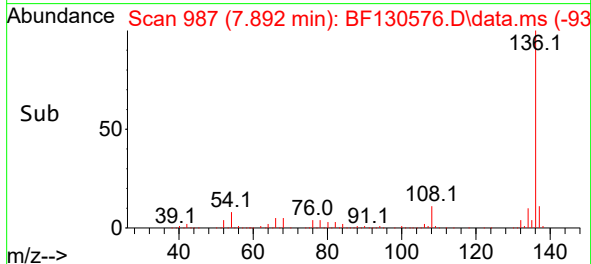
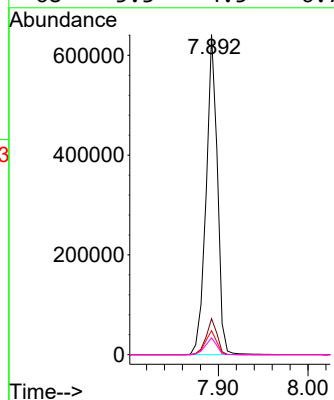
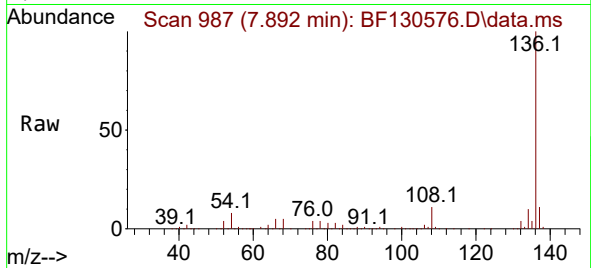




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

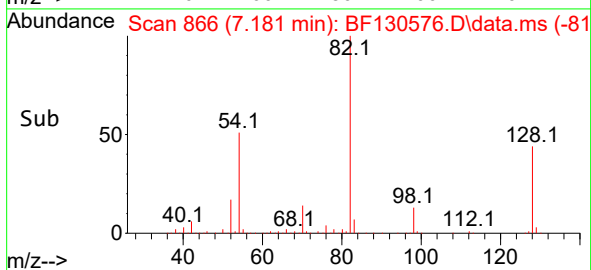
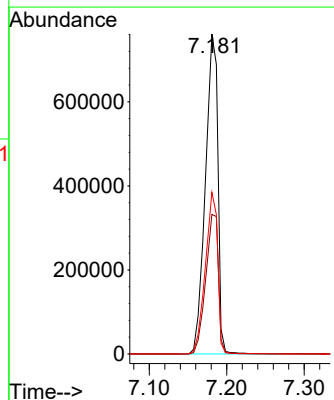
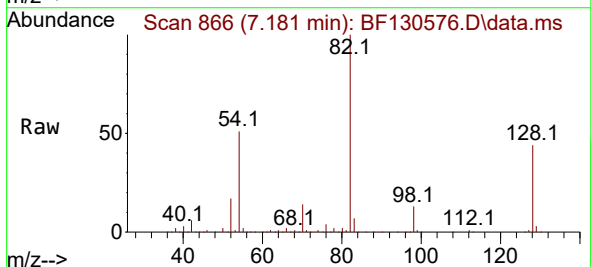
Instrument :
BNA_F
ClientSampleId :
PB148182BL

Tgt Ion:136 Resp: 559054
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.5 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 77.864 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion: 82 Resp: 852056
Ion Ratio Lower Upper
82 100
128 43.6 32.6 49.0
54 50.5 43.8 65.6

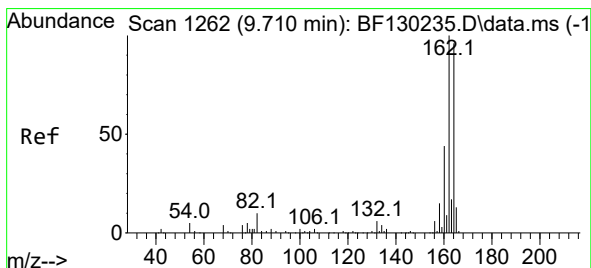
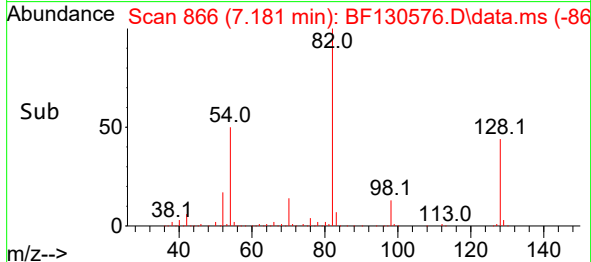
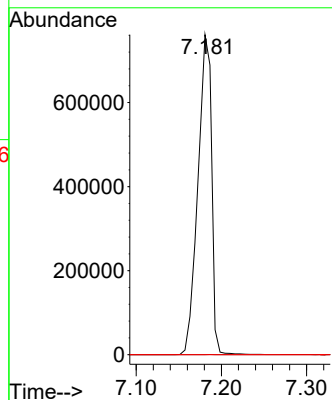
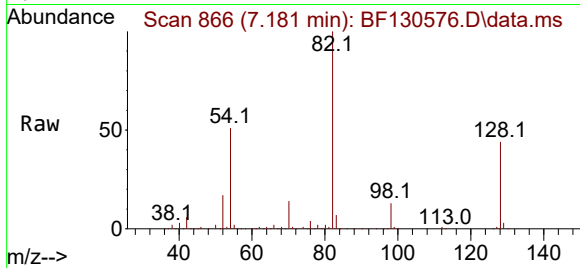




#25
Isophorone
Concen: 48.210 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

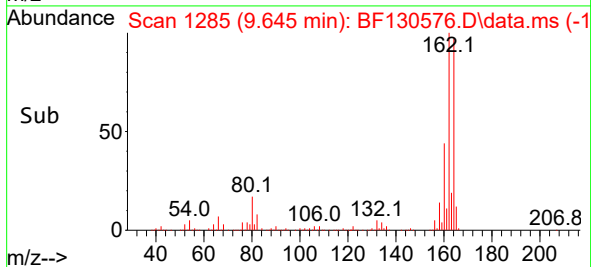
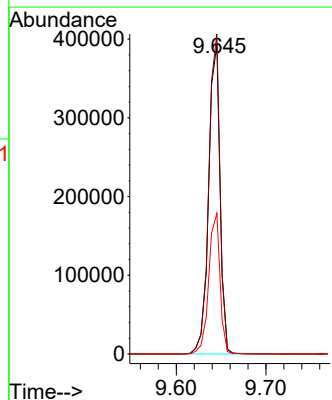
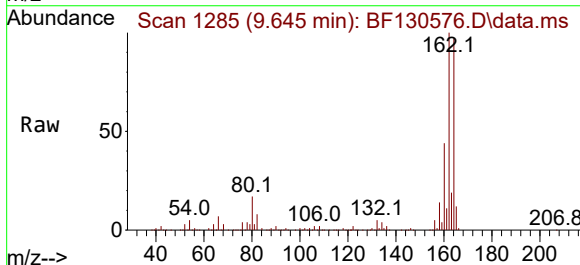
Instrument :
BNA_F
ClientSampleId :
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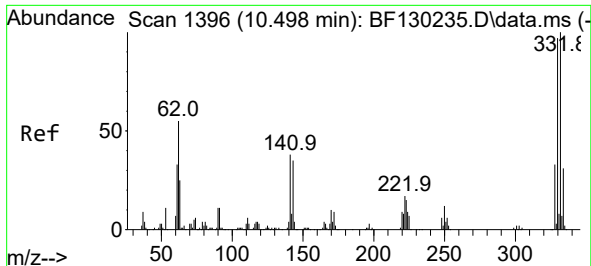
Tgt Ion: 82 Resp: 850285
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion: 164 Resp: 345588
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.0
160 45.5 36.2 54.4

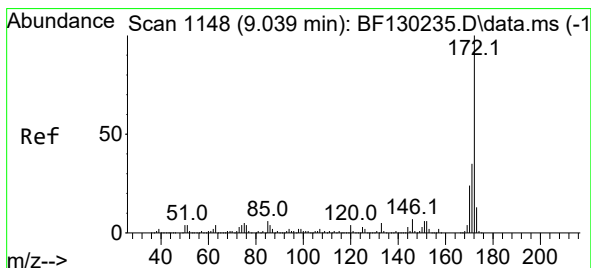
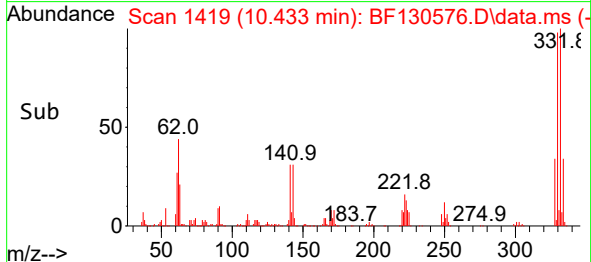
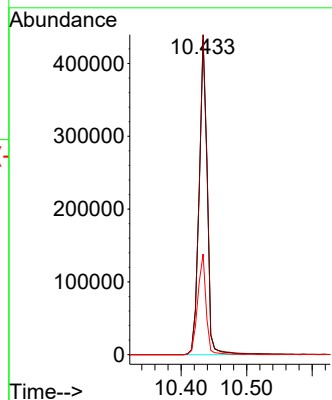
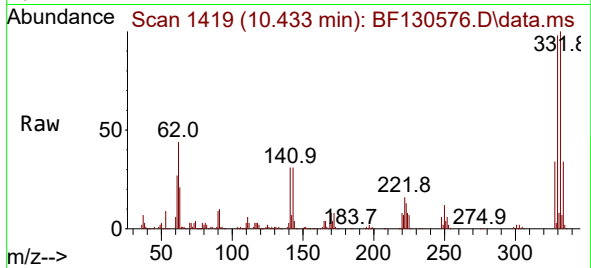




#42
2,4,6-Tribromophenol
Concen: 112.561 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

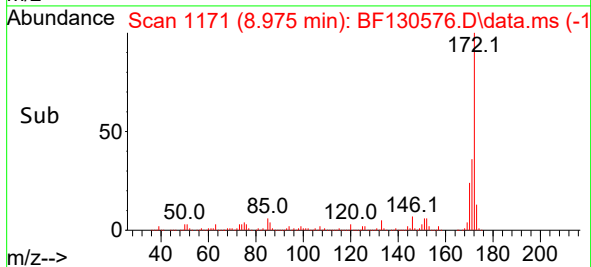
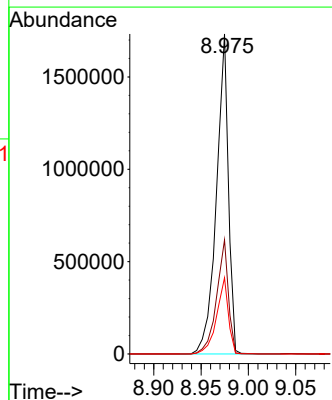
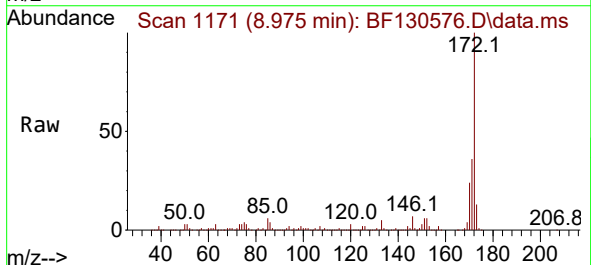
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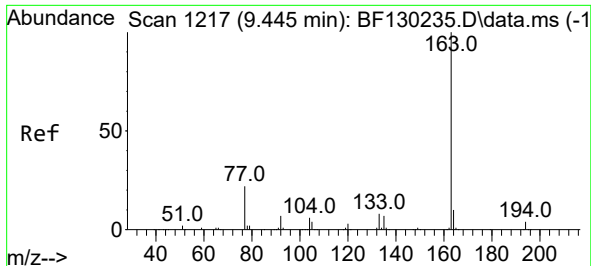
Tgt Ion:330 Resp: 372732
Ion Ratio Lower Upper
330 100
332 102.3 83.4 125.2
141 33.0 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 64.500 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion:172 Resp: 1530724
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.8 18.7 28.1

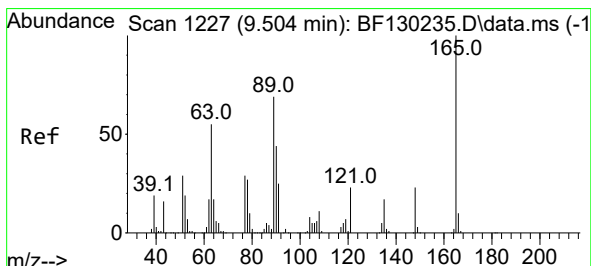
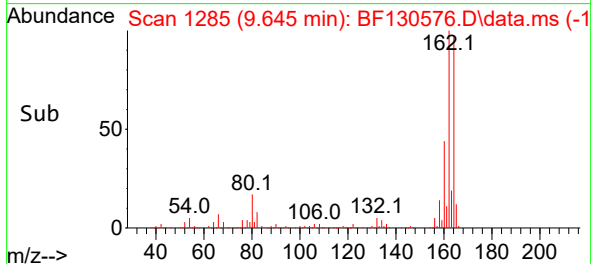
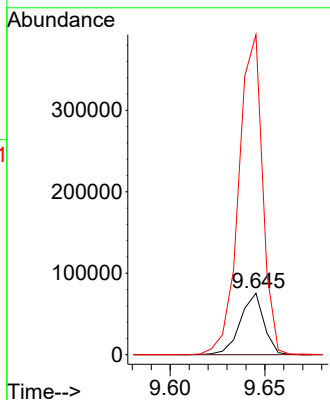
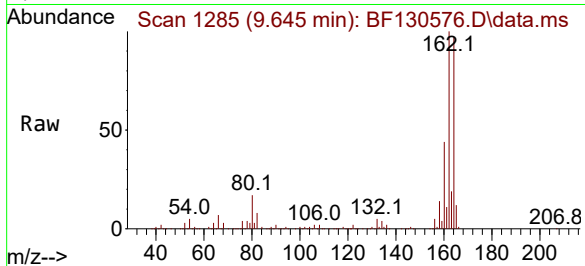




#50
Dimethylphthalate
Concen: 2.735 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

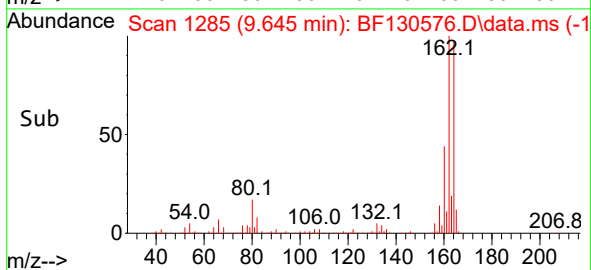
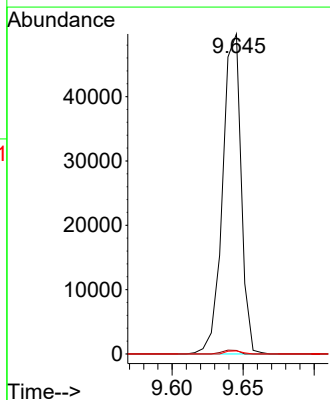
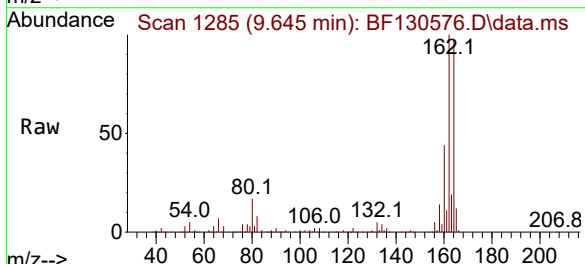
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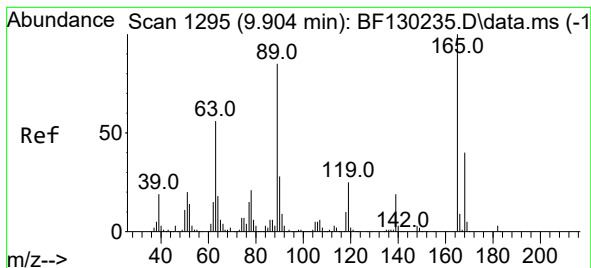
Tgt Ion:163 Resp: 65282
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 521.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.998 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion:165 Resp: 44921
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 0.9 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 7.040 ng

RT: 9.645 min Scan# 1

Delta R.T. -0.206 min

Lab File: BF130576.D

Acq: 07 Oct 2022 15:31

Instrument :

BNA_F

ClientSampleId :

PB148182BL

Tgt Ion:165 Resp: 44921

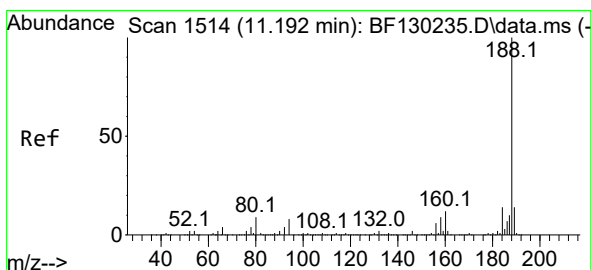
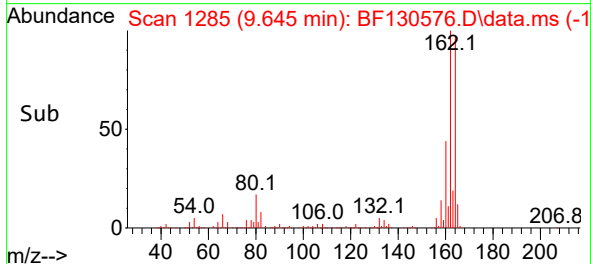
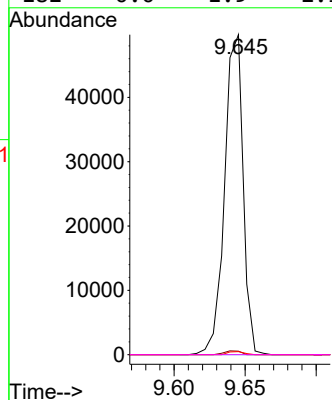
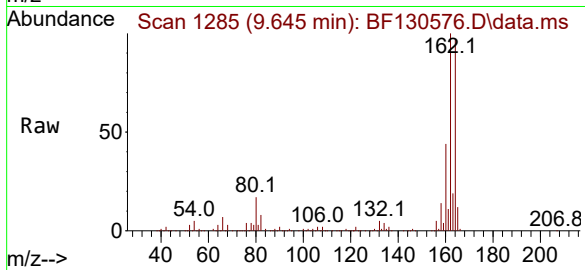
Ion Ratio Lower Upper

165 100

63 1.1 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: BF130576.D

Acq: 07 Oct 2022 15:31

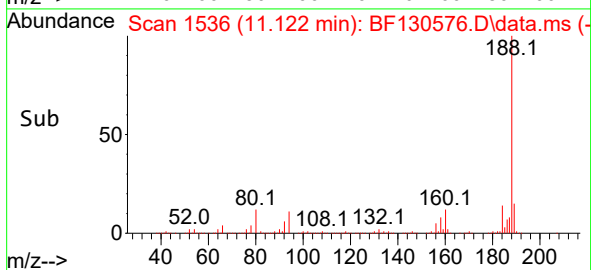
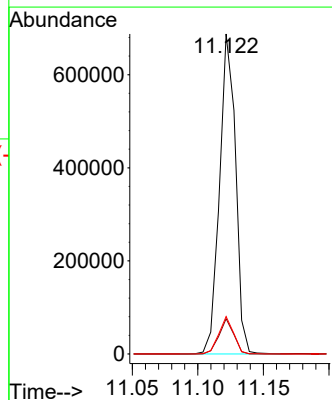
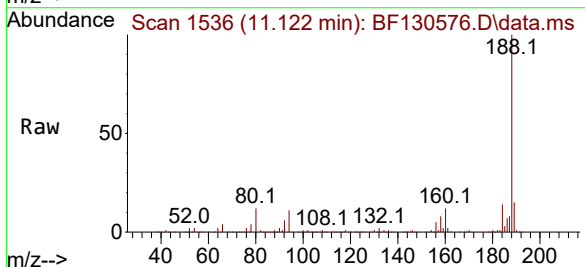
Tgt Ion:188 Resp: 583172

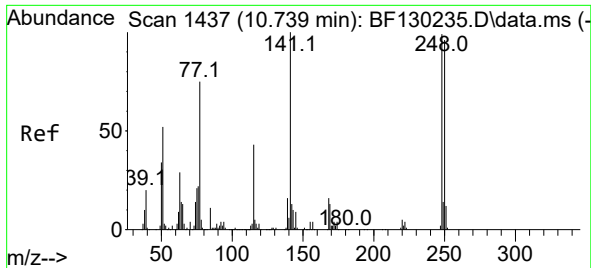
Ion Ratio Lower Upper

188 100

94 11.0 7.4 11.2

80 11.7 7.9 11.9

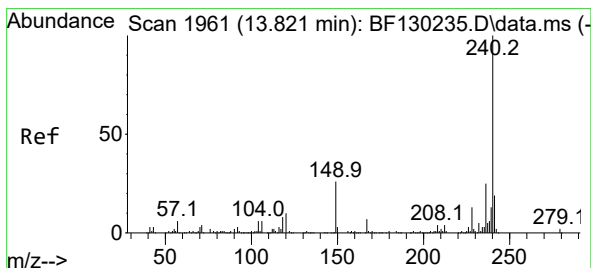
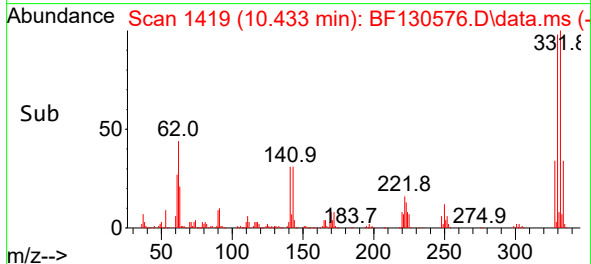
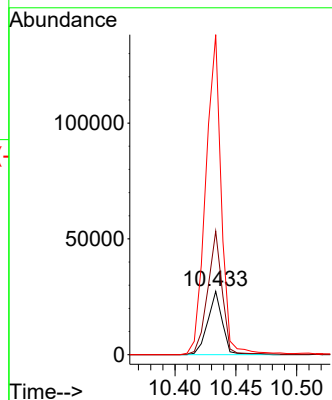
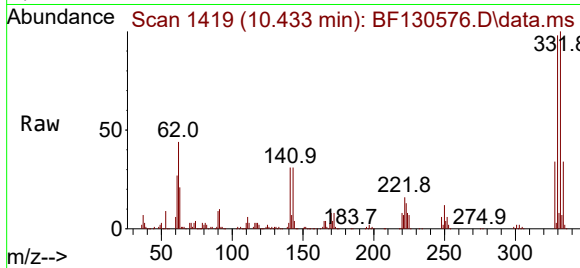




#67
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 10.433 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

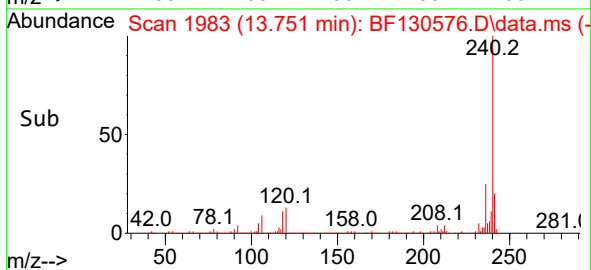
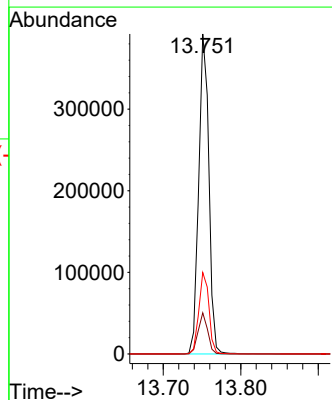
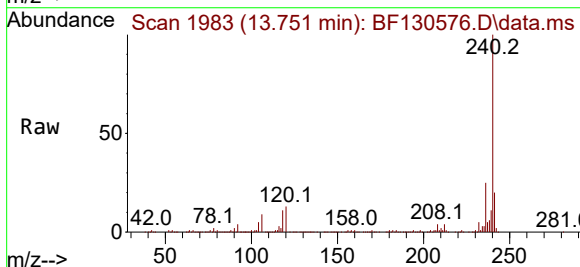
Instrument :
BNA_F
ClientSampleId :
PB148182BL

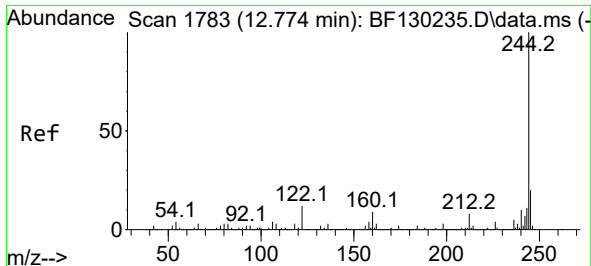
Tgt Ion:248 Resp: 22744
Ion Ratio Lower Upper
248 100
250 195.0 80.0 120.0#
141 505.0 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130576.D
Acq: 07 Oct 2022 15:31

Tgt Ion:240 Resp: 356158
Ion Ratio Lower Upper
240 100
120 12.9 8.7 13.1
236 25.4 20.9 31.3

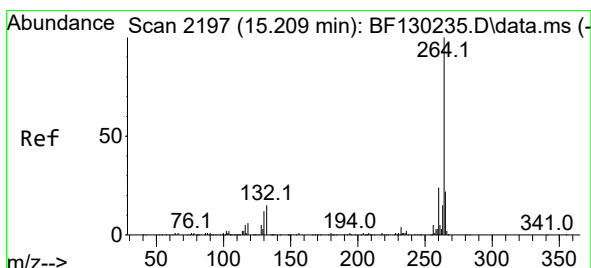
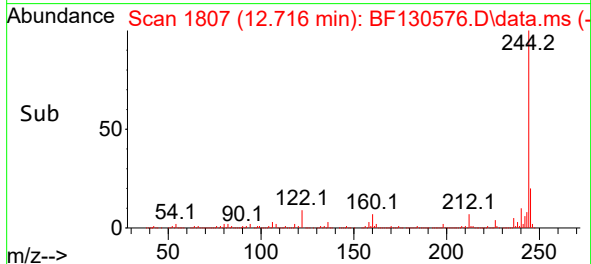
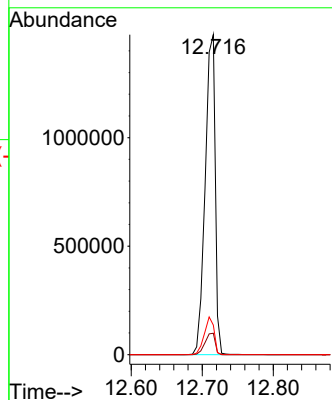
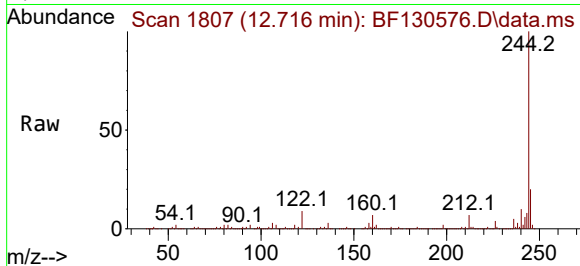




#79
 Terphenyl-d14
 Concen: 67.764 ng
 RT: 12.716 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130576.D
 Acq: 07 Oct 2022 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB148182BL

Tgt Ion:244 Resp: 1456982
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.2 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: BF130576.D
 Acq: 07 Oct 2022 15:31

Tgt Ion:264 Resp: 271583
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.7 17.0 25.4

