

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130547.D
 Acq On : 06 Oct 2022 12:50
 Operator : CG\JU
 Sample : PB148116BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148116BL

Quant Time: Oct 07 02:08:55 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)

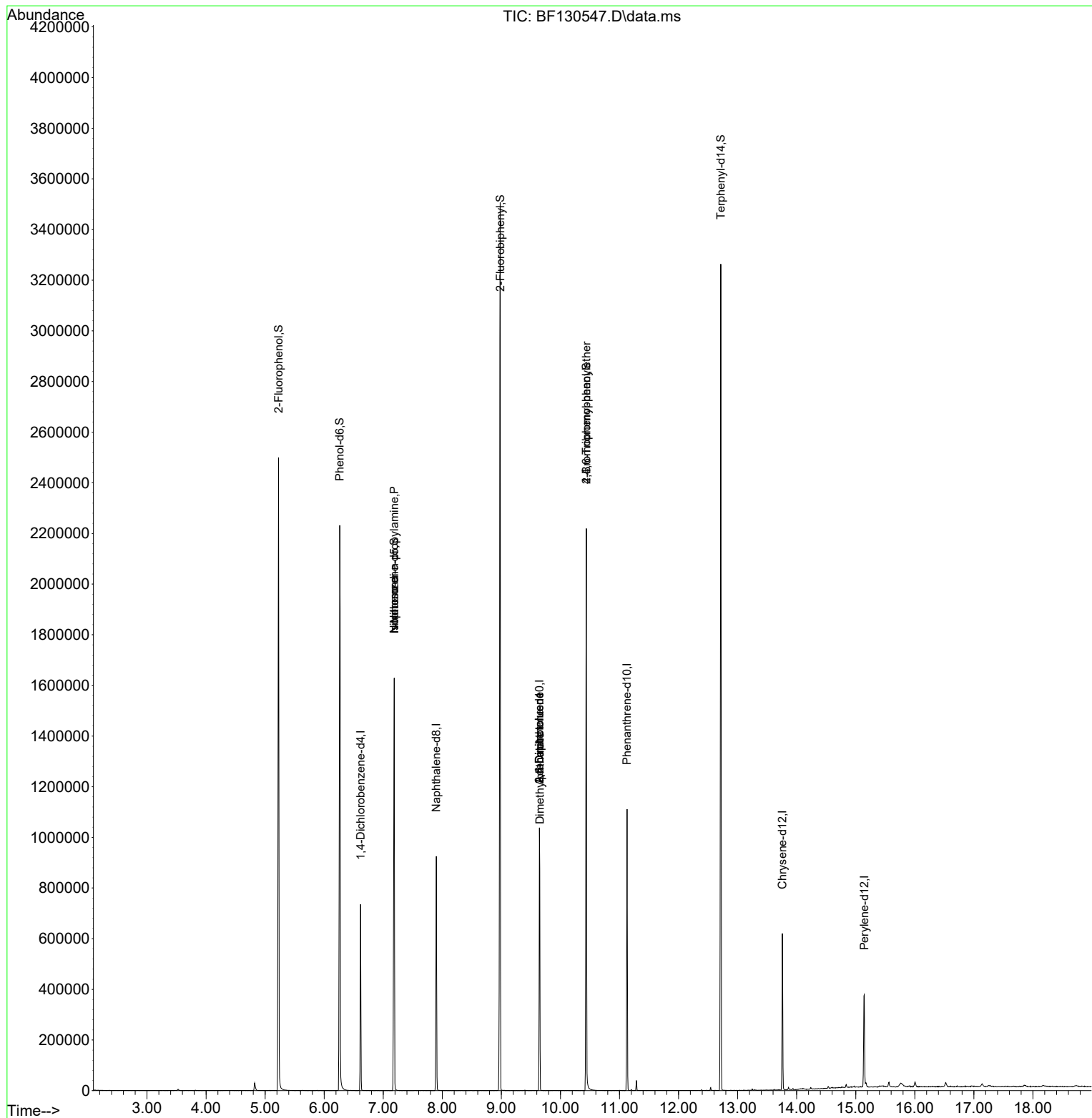
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	96090	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	385948	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	206752	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	347784	20.000	ng	0.00
76) Chrysene-d12	13.757	240	191688	20.000	ng	0.00
86) Perylene-d12	15.145	264	154013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	683645	123.401	ng	0.01
7) Phenol-d6	6.263	99	853843	123.176	ng	0.00
23) Nitrobenzene-d5	7.187	82	539969	71.476	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	245722	124.034	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1050282	73.973	ng	0.00
79) Terphenyl-d14	12.716	244	1039433	89.824	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.187	70	73036	15.614	ng	# 74
25) Isophorone	7.187	82	539966	44.347	ng	# 66
50) Dimethylphthalate	9.651	163	38827	2.719	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	26057	8.724	ng	# 15
57) 2,4-Dinitrotoluene	9.645	165	26057	6.826	ng	# 15
67) 4-Bromophenyl-phenylether	10.439	248	15038	3.920	ng	# 1

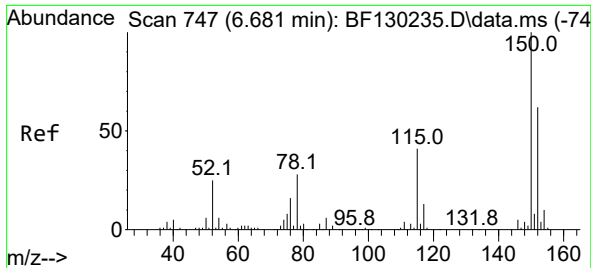
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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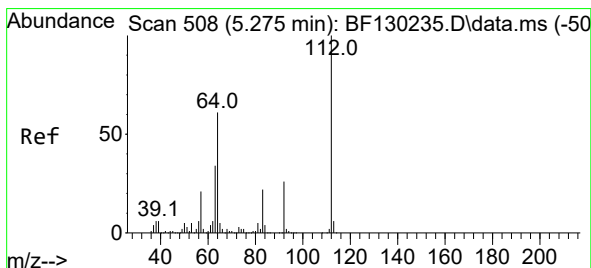
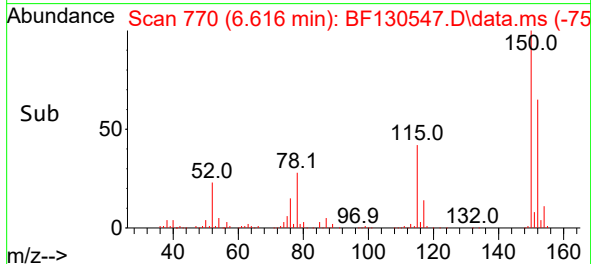
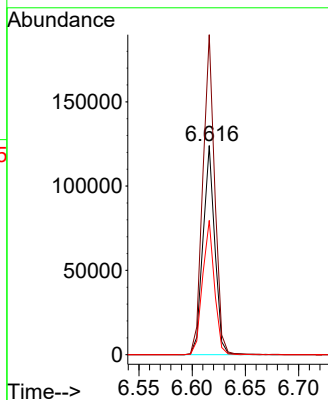
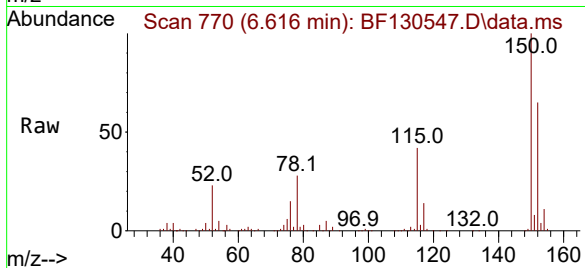




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

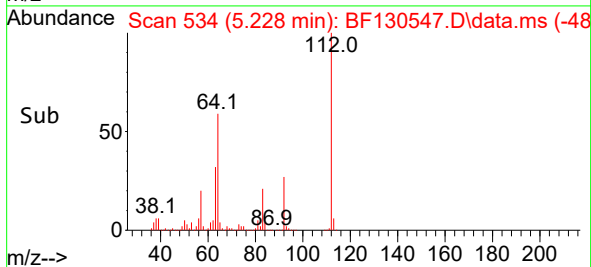
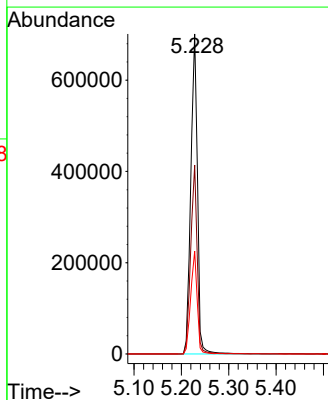
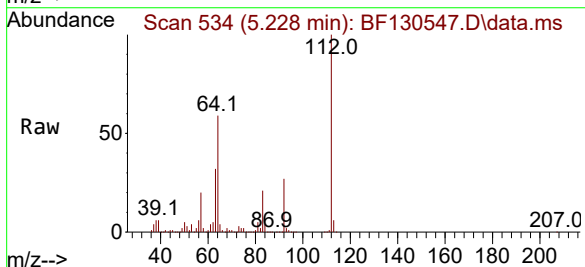
Instrument :
BNA_F
ClientSampleId :
PB148116BL

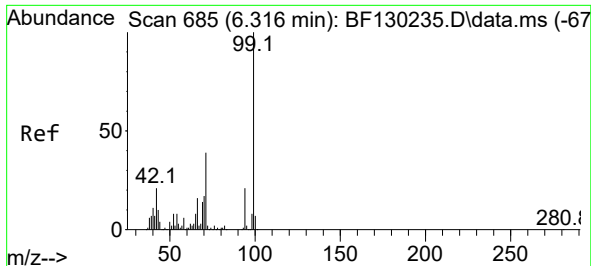
Tgt Ion:152 Resp: 96090
Ion Ratio Lower Upper
152 100
150 153.0 122.8 184.2
115 64.2 53.8 80.8



#5
2-Fluorophenol
Concen: 123.401 ng
RT: 5.228 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion:112 Resp: 683645
Ion Ratio Lower Upper
112 100
64 59.0 51.4 77.0
63 32.1 28.8 43.2

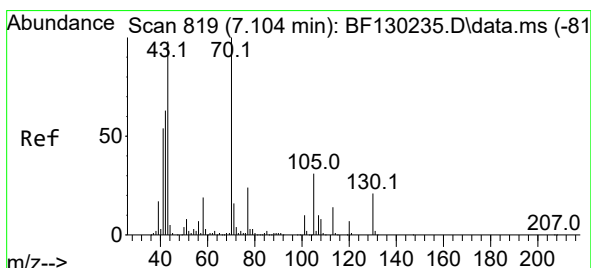
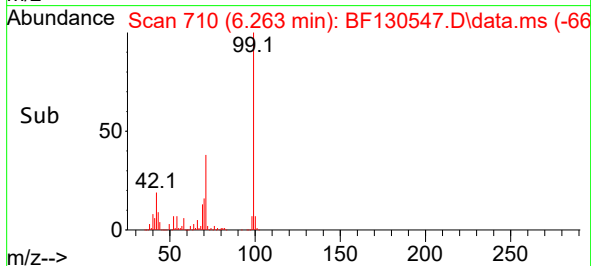
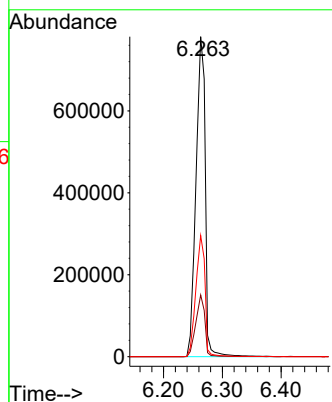
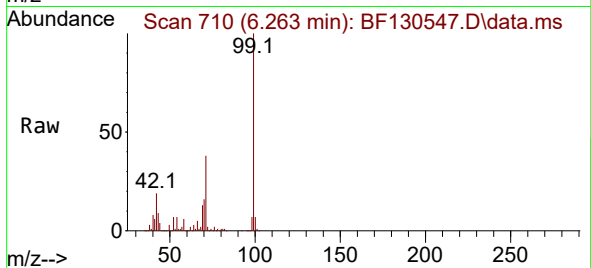




#7
Phenol-d6
Concen: 123.176 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

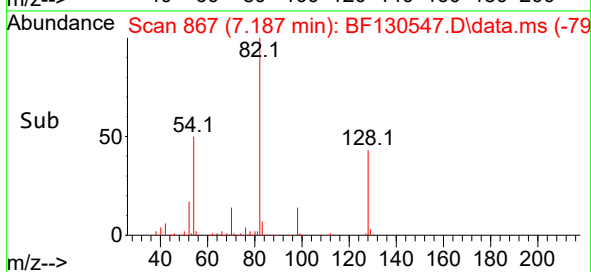
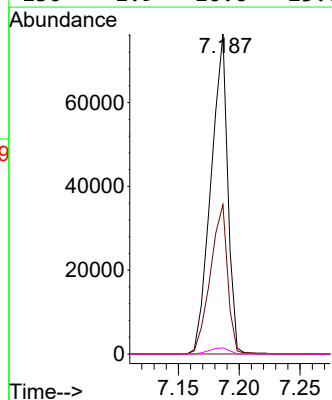
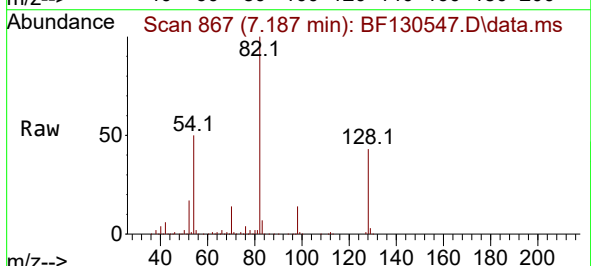
Instrument :
BNA_F
ClientSampleId :
PB148116BL

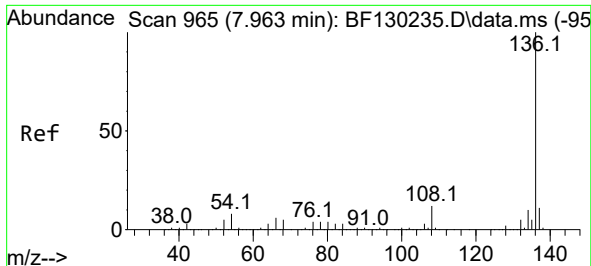
Tgt Ion: 99 Resp: 853843
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.614 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion: 70 Resp: 73036
Ion Ratio Lower Upper
70 100
42 46.7 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

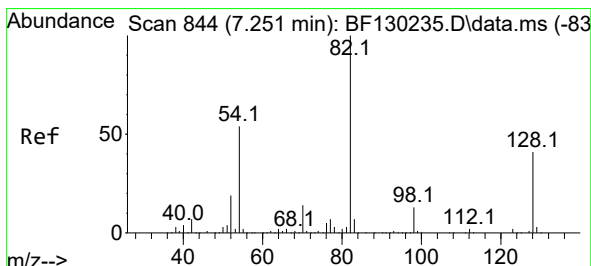
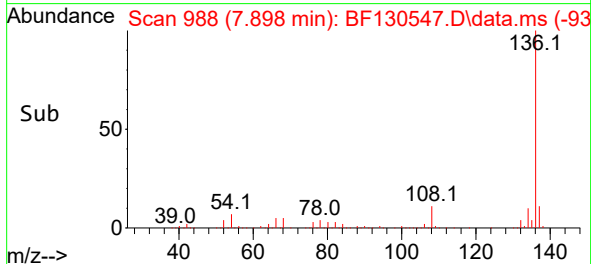
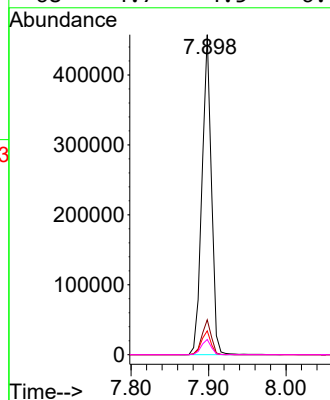
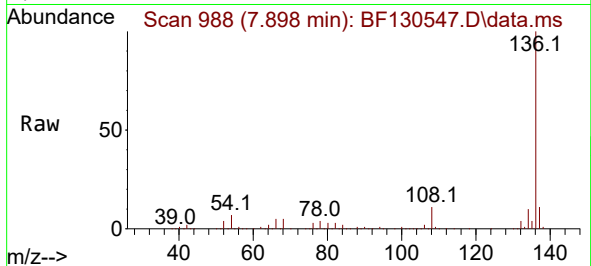




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

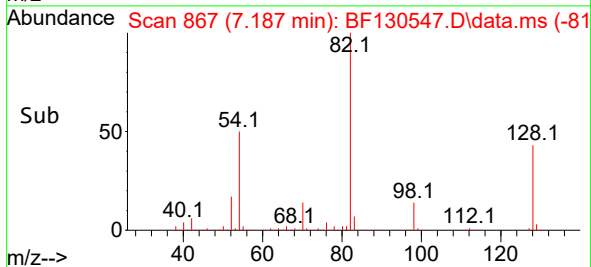
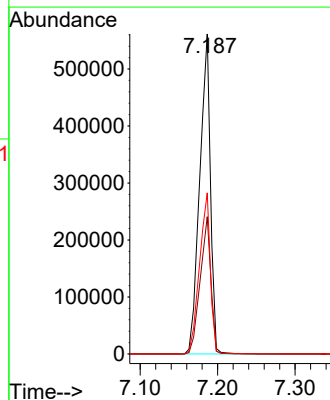
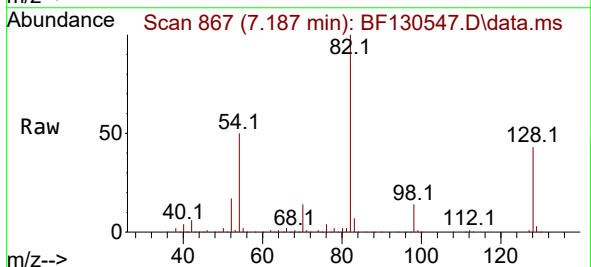
Instrument :
BNA_F
ClientSampleId :
PB148116BL

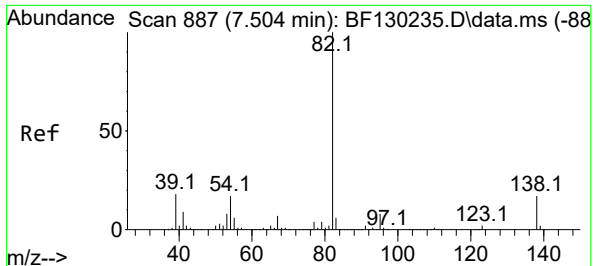
Tgt Ion:	136	Resp:	385948
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	7.4	7.1	10.7
68	4.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 71.476 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion:	82	Resp:	539969
Ion Ratio	Lower	Upper	
82	100		
128	42.9	32.6	49.0
54	50.4	43.8	65.6

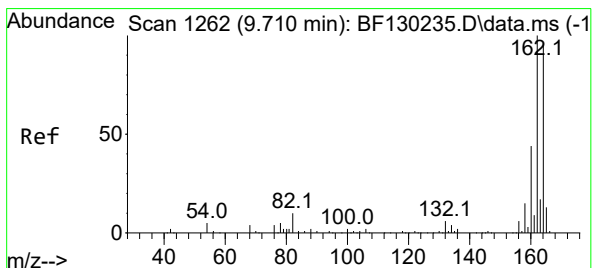
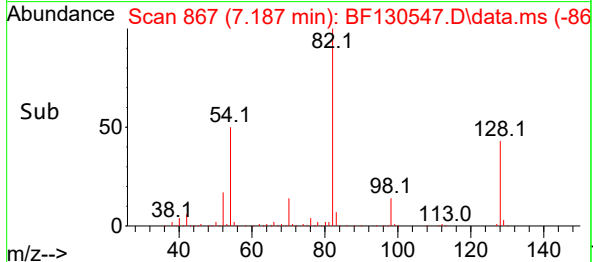
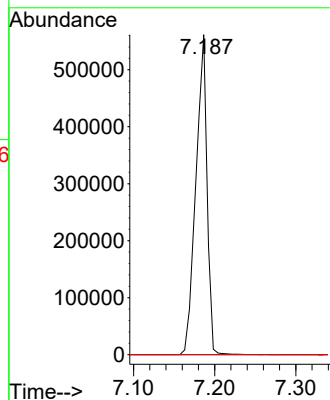
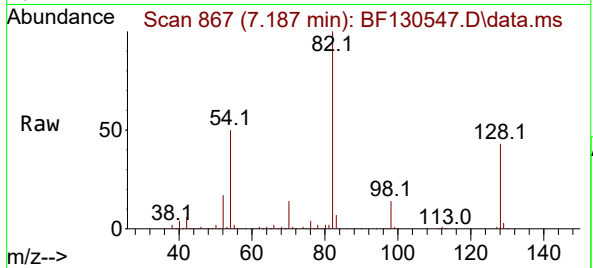




#25
Isophorone
Concen: 44.347 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

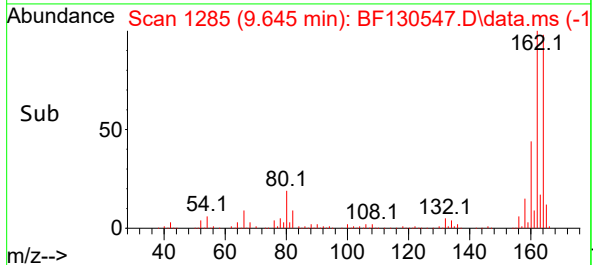
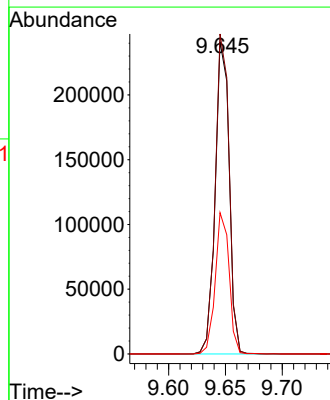
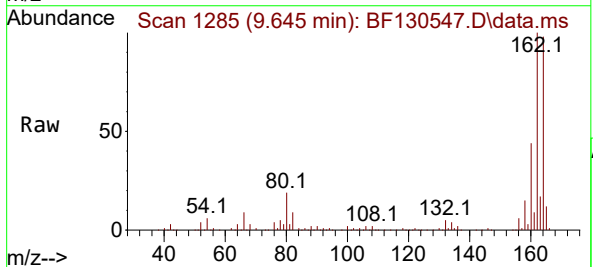
Instrument :
BNA_F
ClientSampleId :
PB148116BL

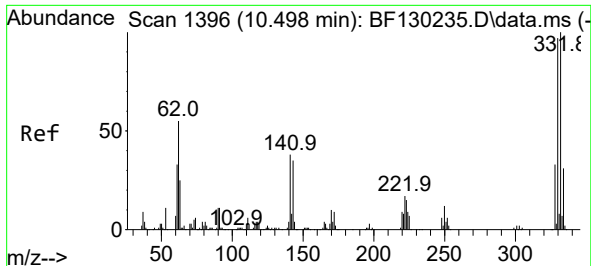
Tgt Ion: 82 Resp: 539966
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion: 164 Resp: 206752
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 124.034 ng

RT: 10.439 min Scan# 1420

Delta R.T. -0.000 min

Lab File: BF130547.D

Acq: 06 Oct 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB148116BL

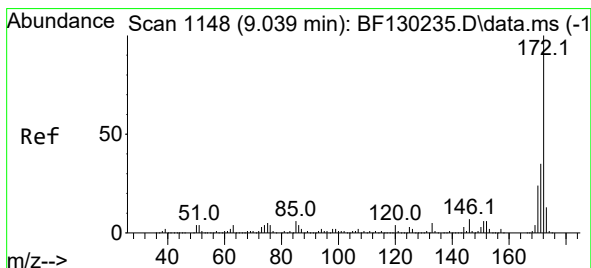
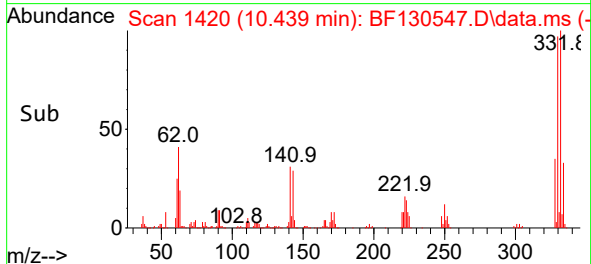
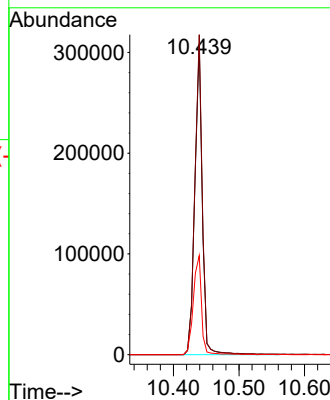
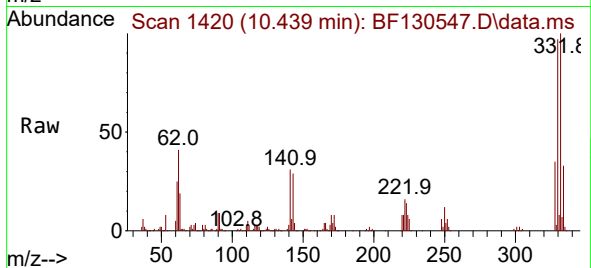
Tgt Ion:330 Resp: 245722

Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 35.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 73.973 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130547.D

Acq: 06 Oct 2022 12:50

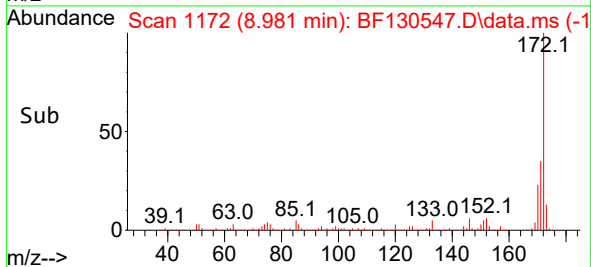
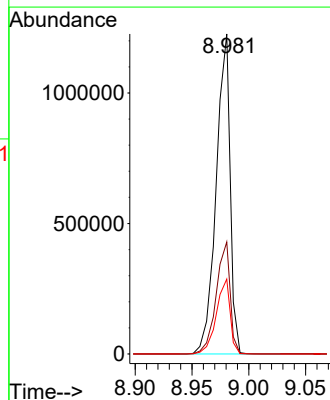
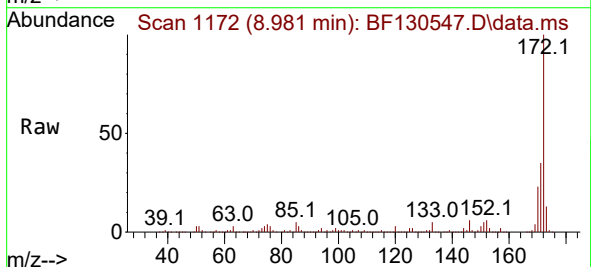
Tgt Ion:172 Resp: 1050282

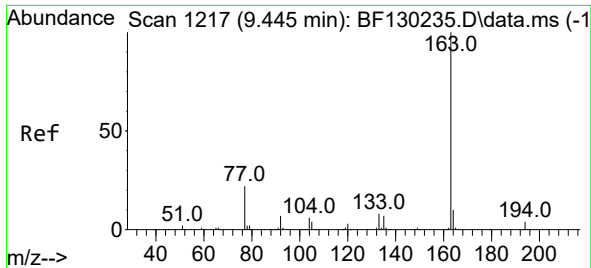
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 18.7 28.1

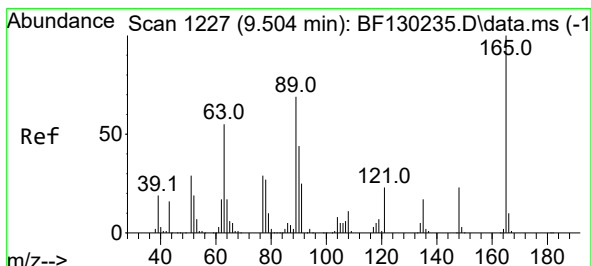
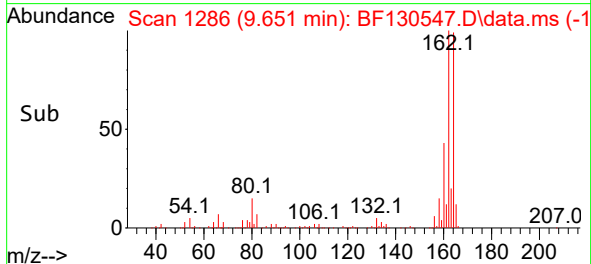
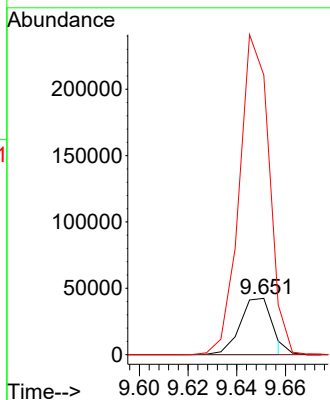
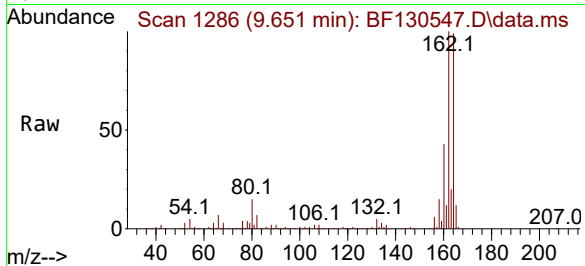




#50
Dimethylphthalate
Concen: 2.719 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.265 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

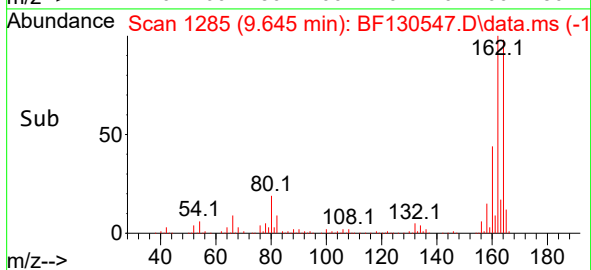
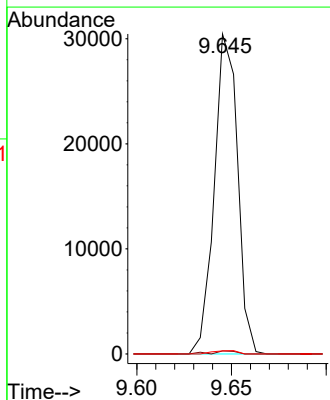
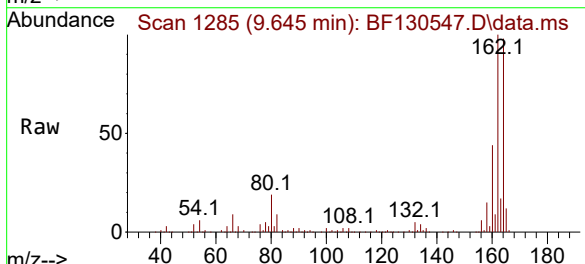
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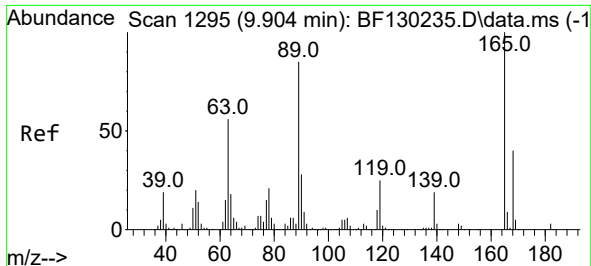
Tgt Ion:163 Resp: 38827
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 496.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion:165 Resp: 26057
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.0 54.5 81.7#

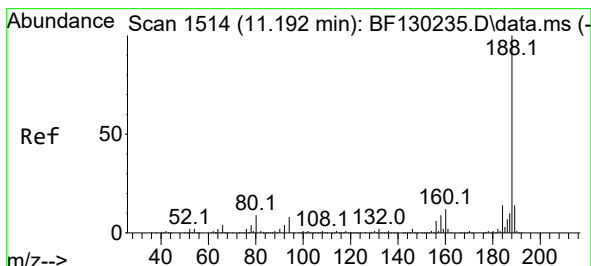
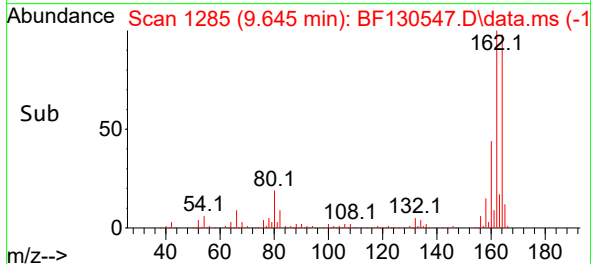
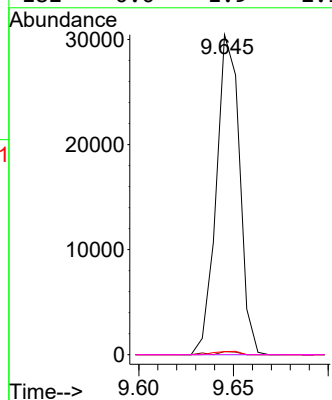
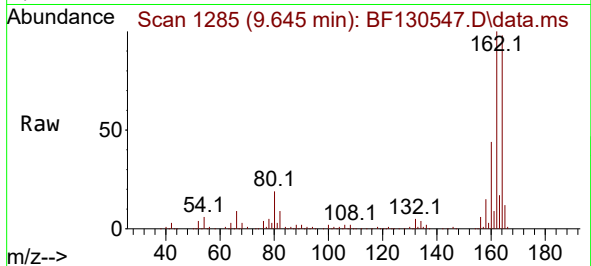




#57
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

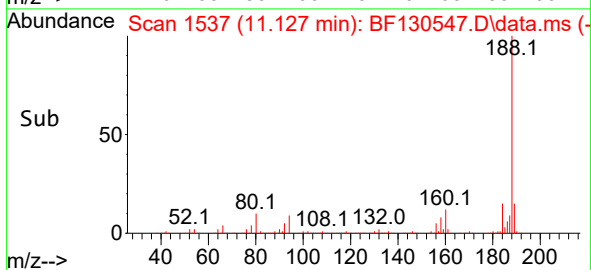
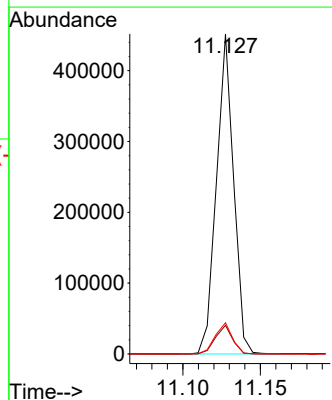
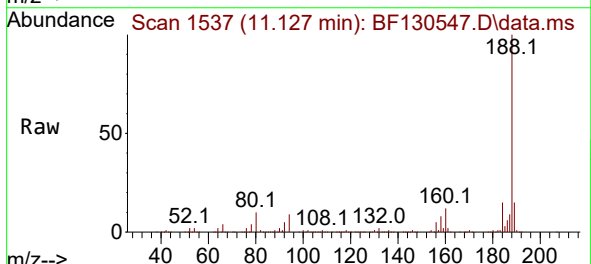
Instrument :
BNA_F
ClientSampleId :
PB148116BL

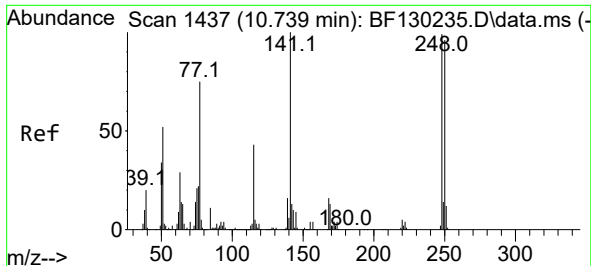
Tgt Ion:165 Resp: 26057
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

Tgt Ion:188 Resp: 347784
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 7.9 11.9

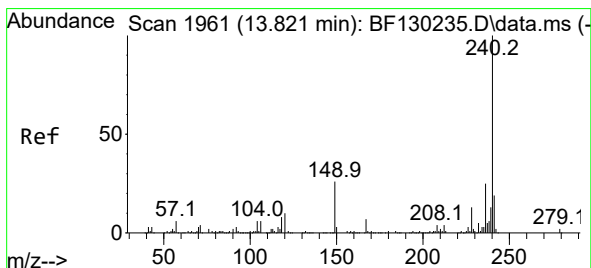
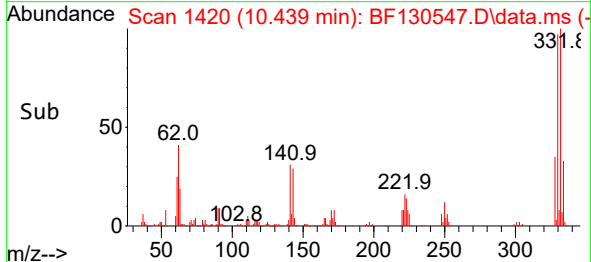
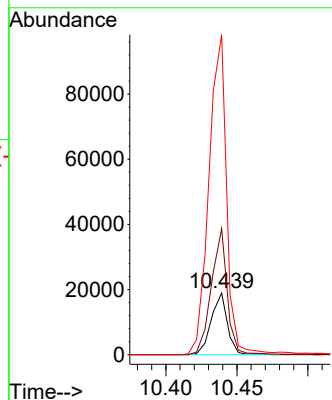
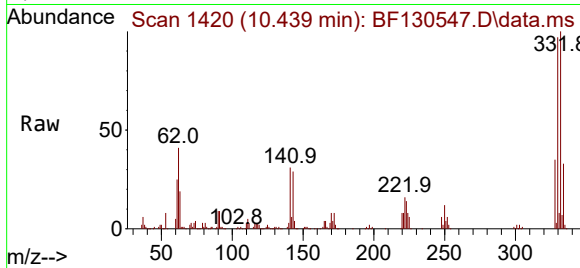




#67
4-Bromophenyl-phenylether
Concen: 3.920 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

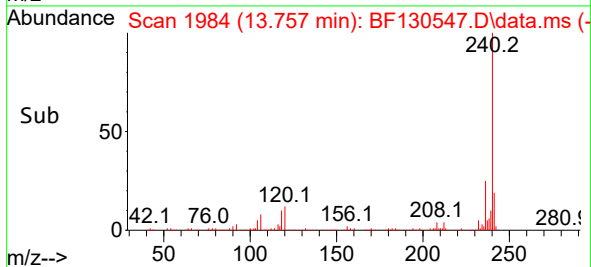
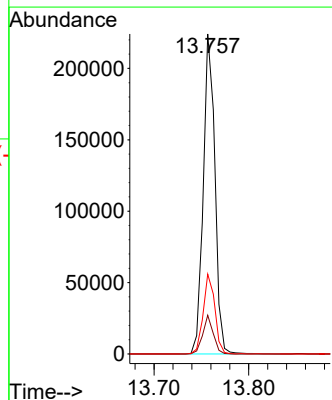
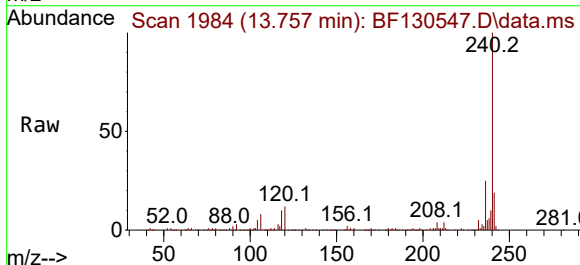
Instrument :
BNA_F
ClientSampleId :
PB148116BL

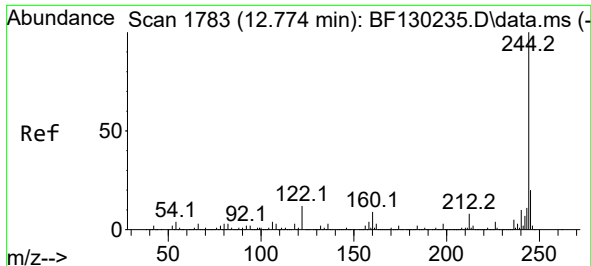
Tgt Ion:248 Resp: 15038
Ion Ratio Lower Upper
248 100
250 204.7 80.0 120.0#
141 519.4 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130547.D
Acq: 06 Oct 2022 12:50

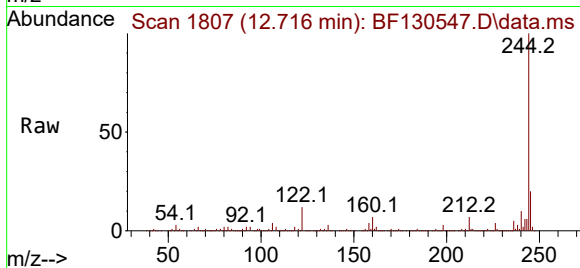
Tgt Ion:240 Resp: 191688
Ion Ratio Lower Upper
240 100
120 12.1 8.7 13.1
236 25.0 20.9 31.3



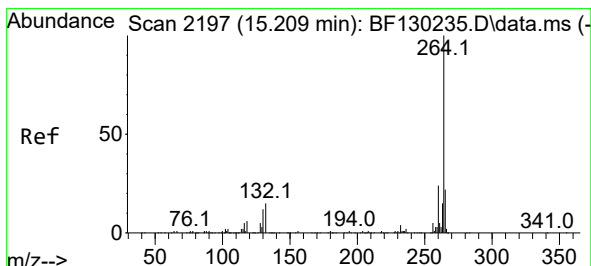
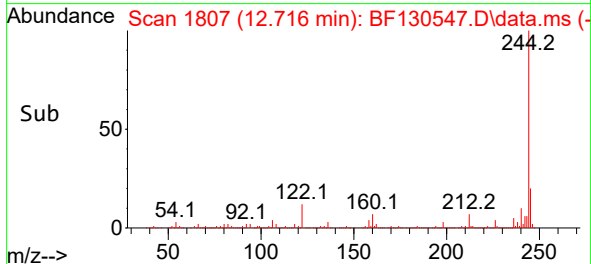
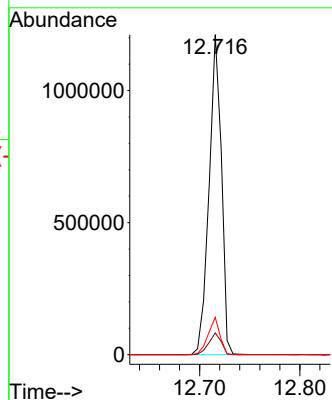


#79
 Terphenyl-d14
 Concen: 89.824 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130547.D
 Acq: 06 Oct 2022 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB148116BL



Tgt Ion:244 Resp: 1039433
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. -0.000 min
 Lab File: BF130547.D
 Acq: 06 Oct 2022 12:50

Tgt Ion:264 Resp: 154013
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.1 17.0 25.4

