

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130569.D
 Acq On : 07 Oct 2022 10:36
 Operator : CG\JU
 Sample : PB148146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148146BL

Quant Time: Oct 10 01:41:36 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)

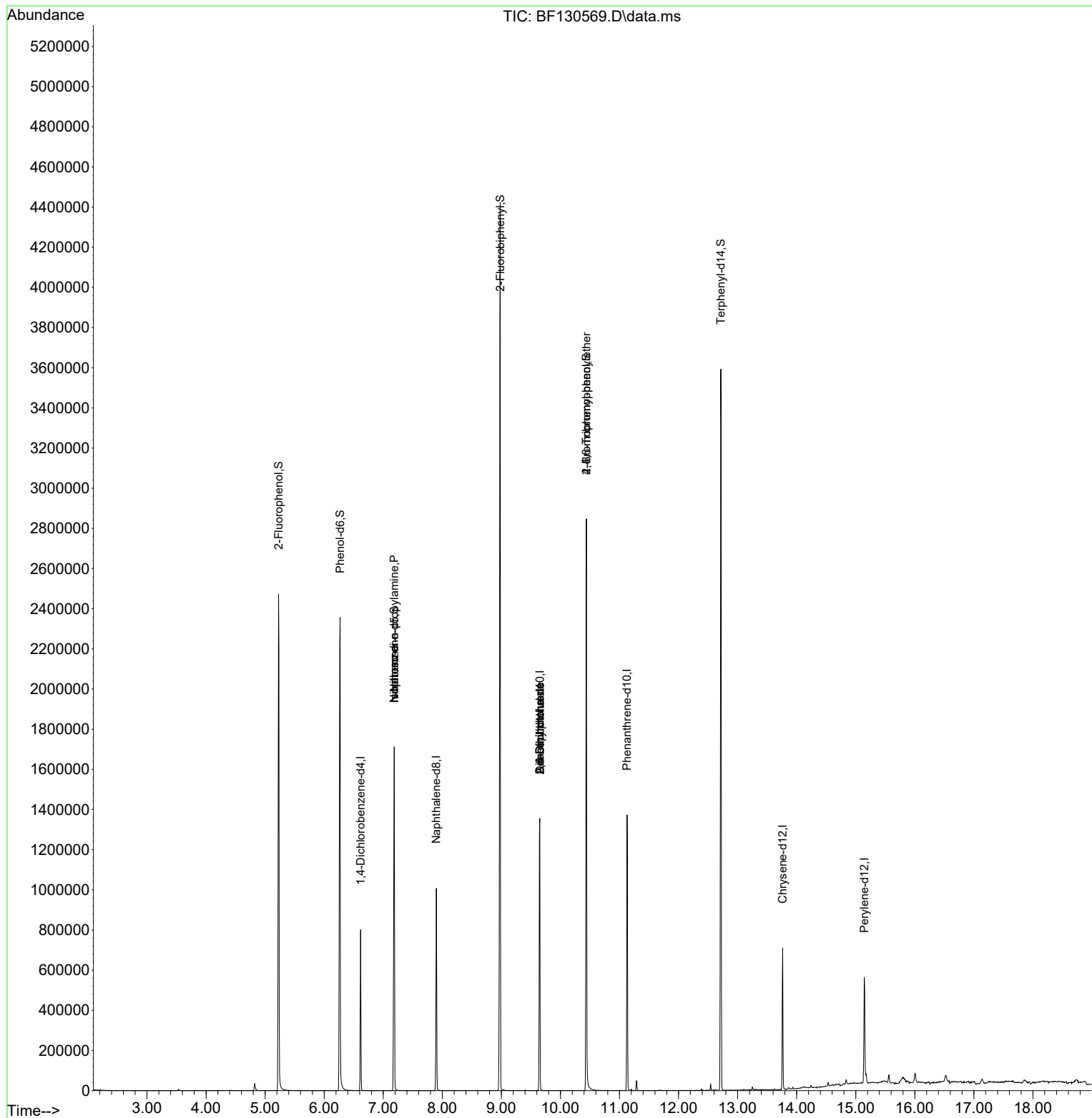
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	103728	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	437942	20.000	ng	0.00
39) Acenaphthene-d10	9.651	164	293942	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	485559	20.000	ng	0.00
76) Chrysene-d12	13.763	240	218563	20.000	ng	0.00
86) Perylene-d12	15.145	264	219739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	740678	123.851	ng	0.01
7) Phenol-d6	6.269	99	929223	124.180	ng	0.00
23) Nitrobenzene-d5	7.187	82	590500	68.885	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	318885	113.219	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1395779	69.147	ng	0.00
79) Terphenyl-d14	12.716	244	1302378	98.707	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.187	70	79592	15.763	ng	# 73
25) Isophorone	7.187	82	590495	42.739	ng	# 66
50) Dimethylphthalate	9.651	163	54948	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.651	165	38175	8.990	ng	# 15
57) 2,4-Dinitrotoluene	9.651	165	38175	7.034	ng	# 15
67) 4-Bromophenyl-phenylether	10.439	248	18826	3.515	ng	# 1

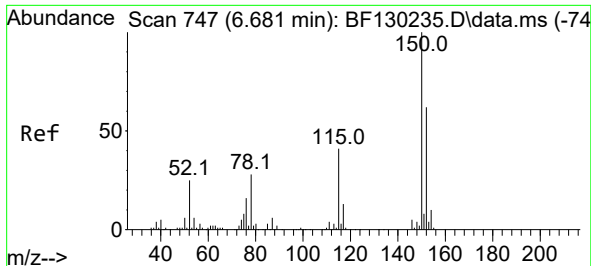
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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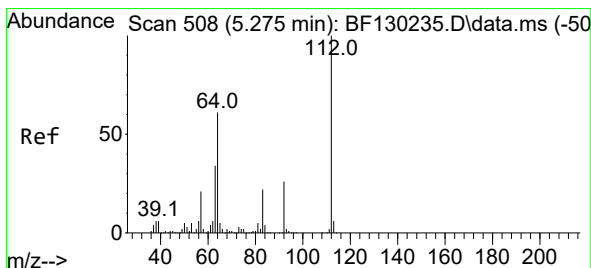
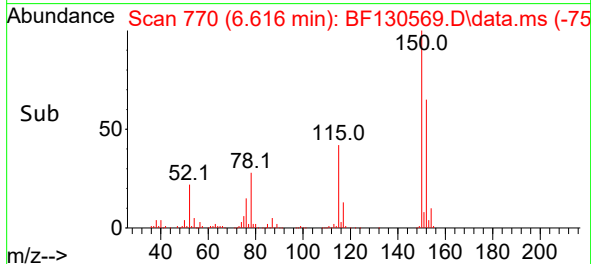
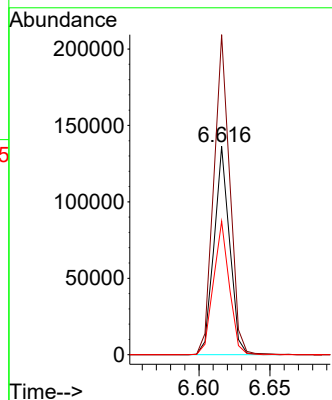
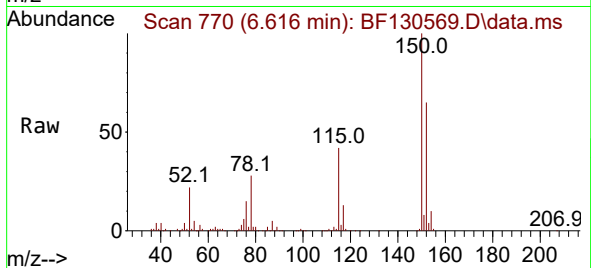




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

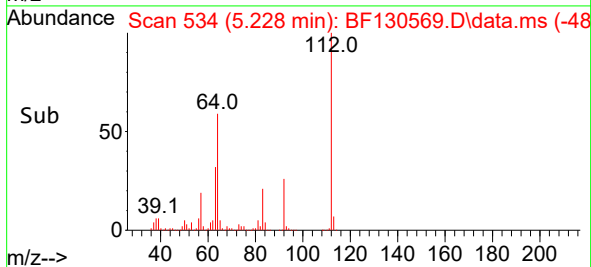
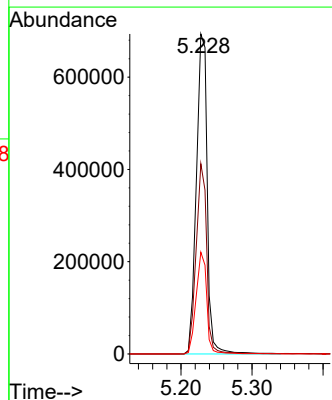
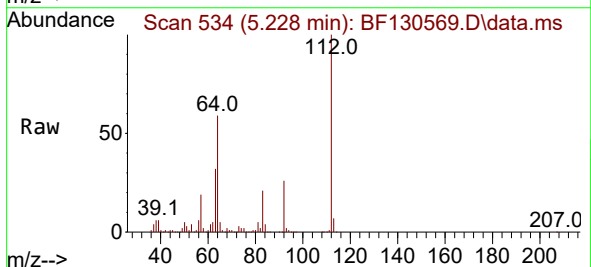
Instrument :
BNA_F
ClientSampleId :
PB148146BL

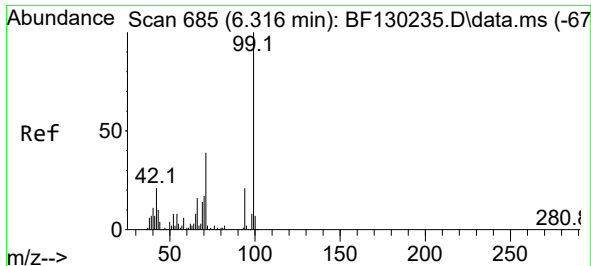
Tgt Ion:152 Resp: 103728
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 64.0 53.8 80.8



#5
2-Fluorophenol
Concen: 123.851 ng
RT: 5.228 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:112 Resp: 740678
Ion Ratio Lower Upper
112 100
64 59.5 51.4 77.0
63 31.8 28.8 43.2

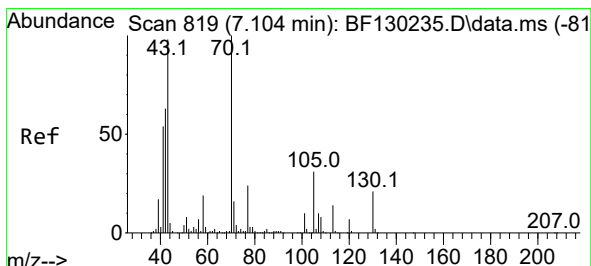
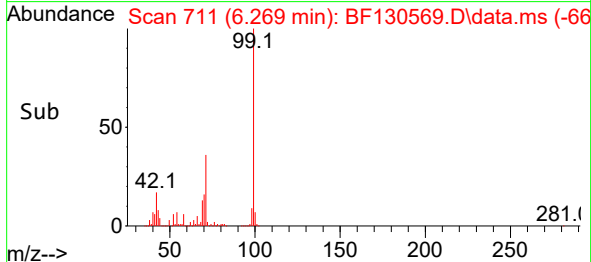
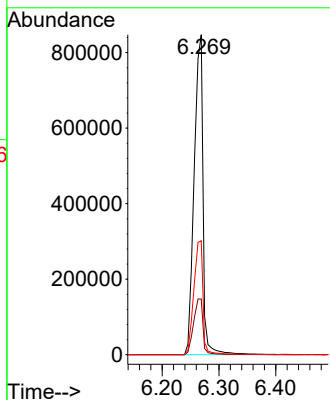
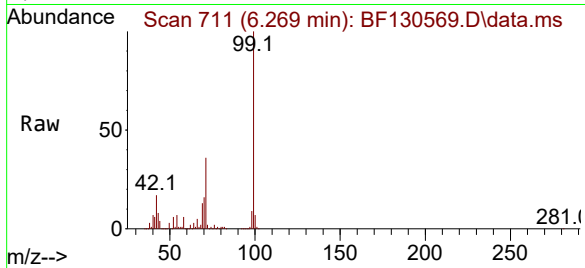




#7
Phenol-d6
Concen: 124.180 ng
RT: 6.269 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

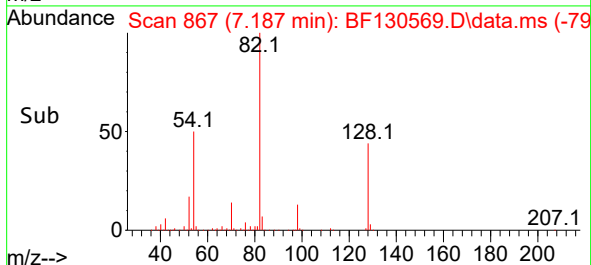
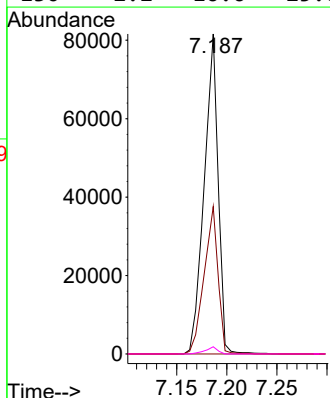
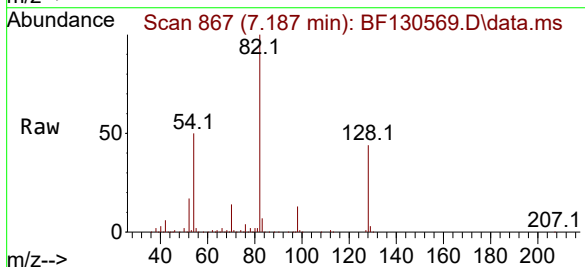
Instrument :
BNA_F
ClientSampleId :
PB148146BL

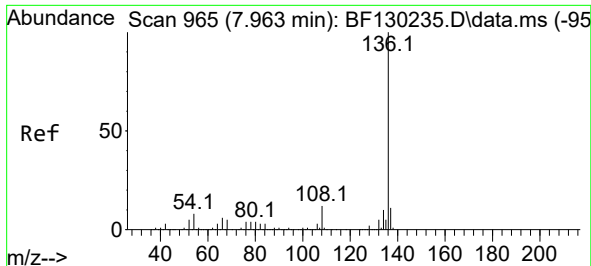
Tgt Ion: 99 Resp: 929223
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.763 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion: 70 Resp: 79592
Ion Ratio Lower Upper
70 100
42 46.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

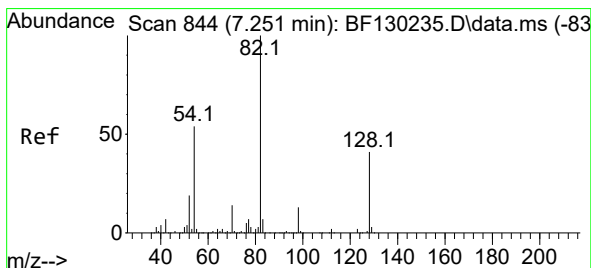
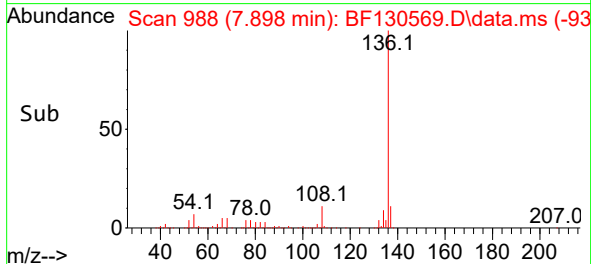
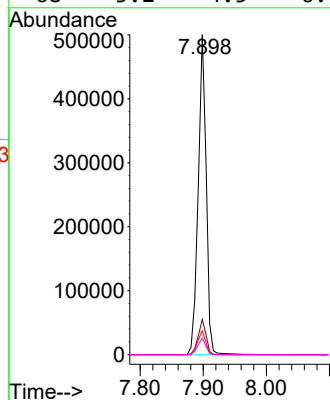
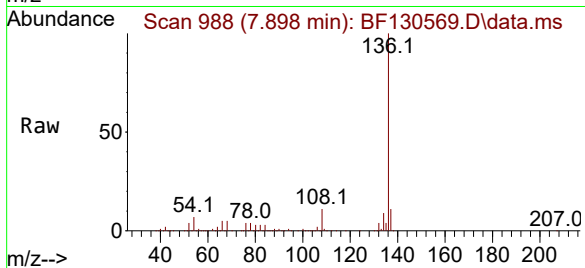




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

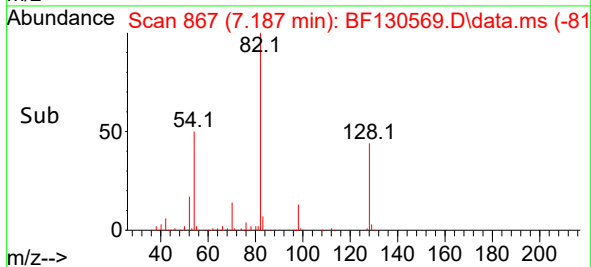
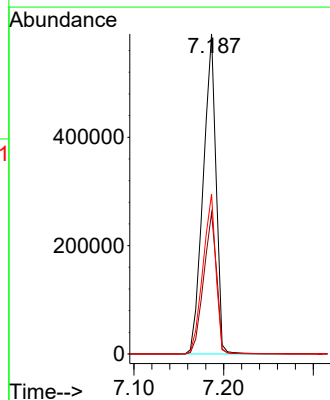
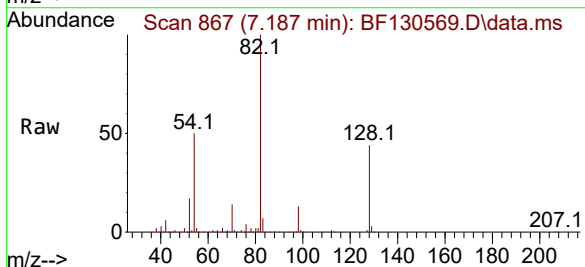
Instrument :
BNA_F
ClientSampleId :
PB148146BL

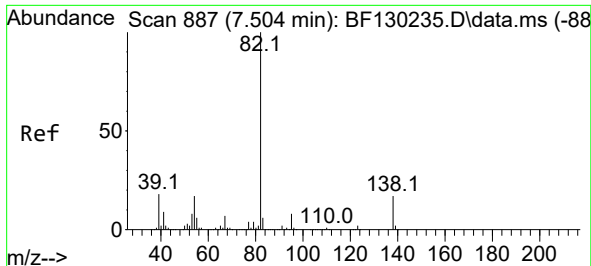
Tgt Ion:136 Resp: 437942
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 68.885 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion: 82 Resp: 590500
Ion Ratio Lower Upper
82 100
128 44.1 32.6 49.0
54 49.9 43.8 65.6

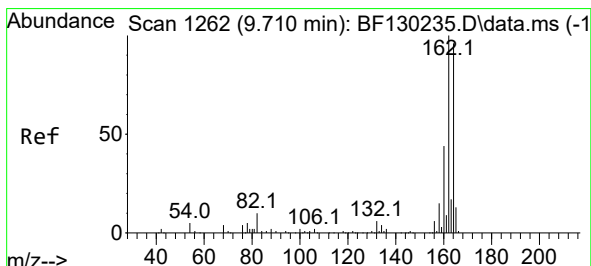
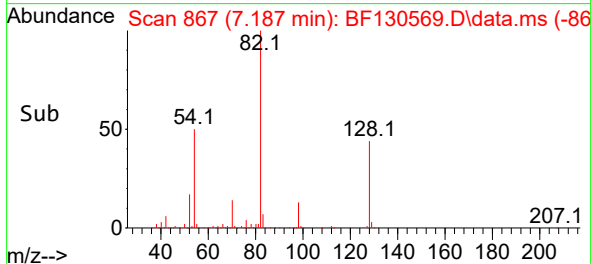
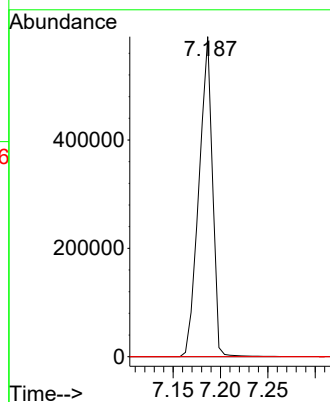
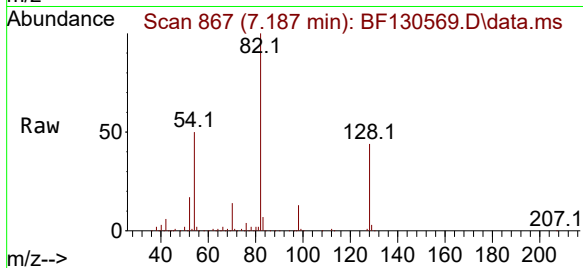




#25
Isophorone
Concen: 42.739 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

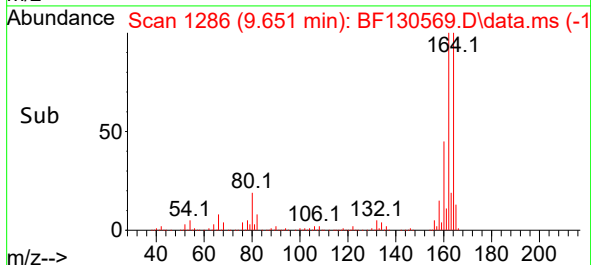
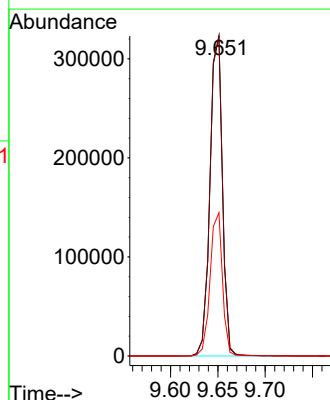
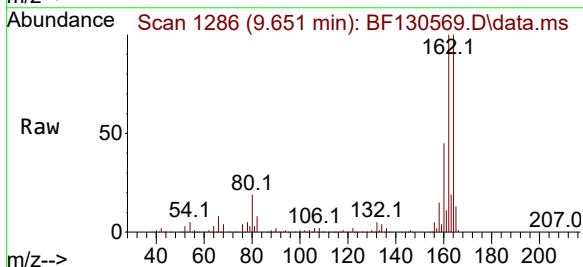
Instrument :
BNA_F
ClientSampleId :
PB148146BL

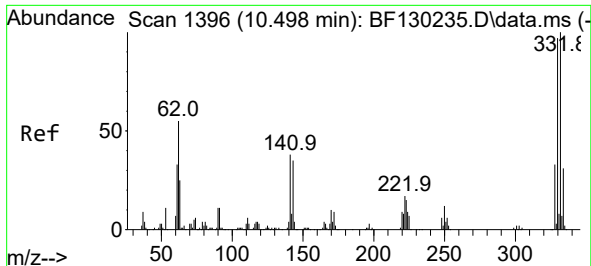
Tgt Ion: 82 Resp: 590495
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:164 Resp: 293942
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 113.219 ng

RT: 10.439 min Scan# 1420

Delta R.T. -0.000 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB148146BL

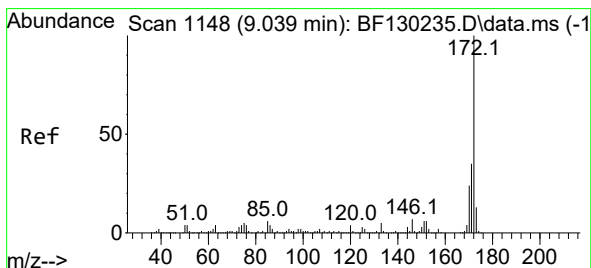
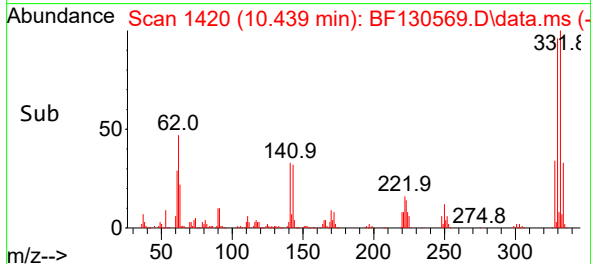
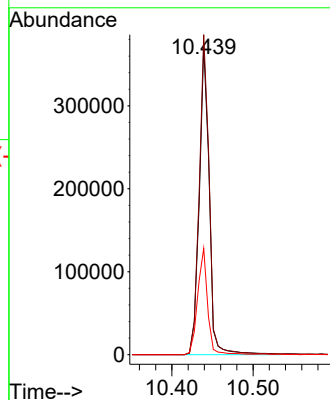
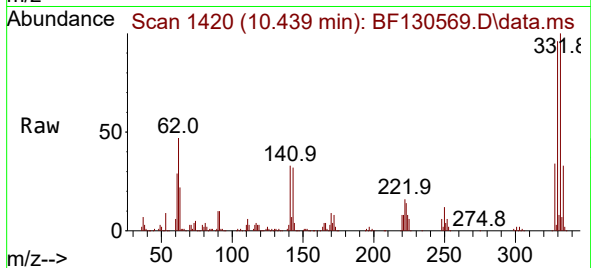
Tgt Ion:330 Resp: 318885

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 34.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 69.147 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

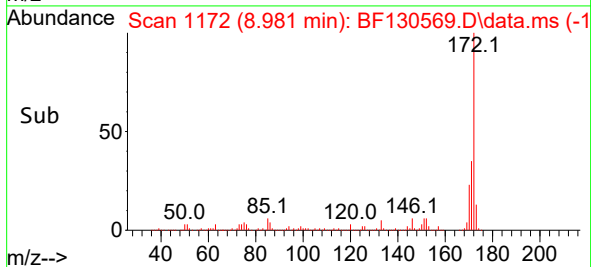
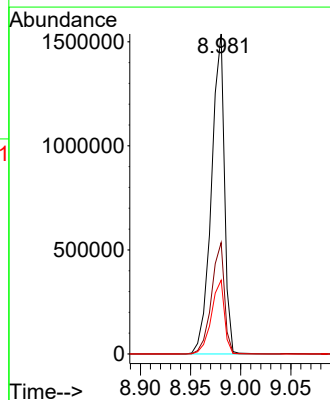
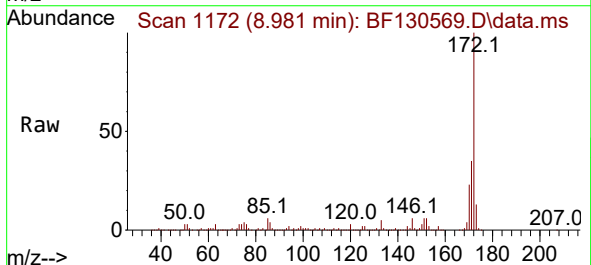
Tgt Ion:172 Resp: 1395779

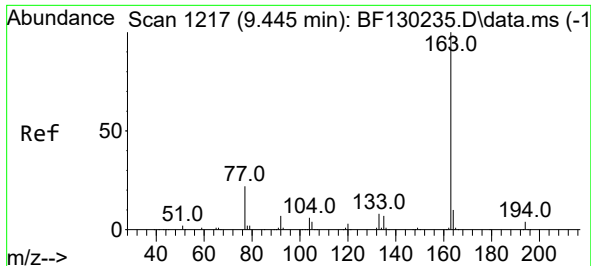
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 18.7 28.1

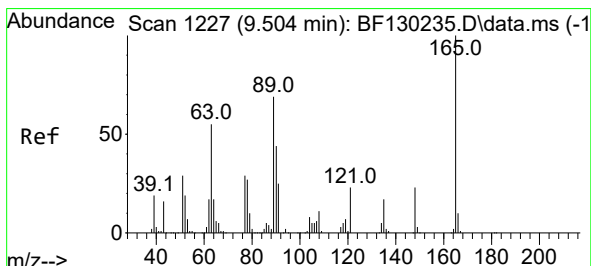
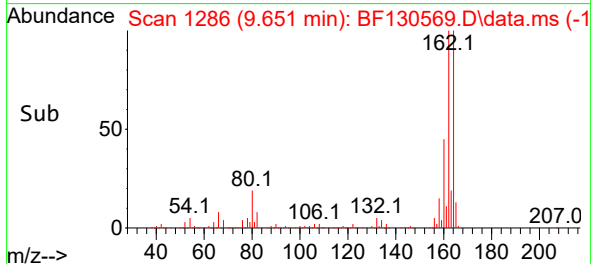
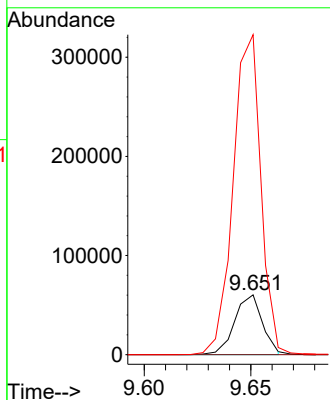
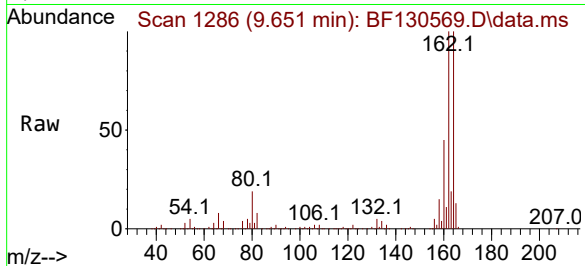




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.265 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

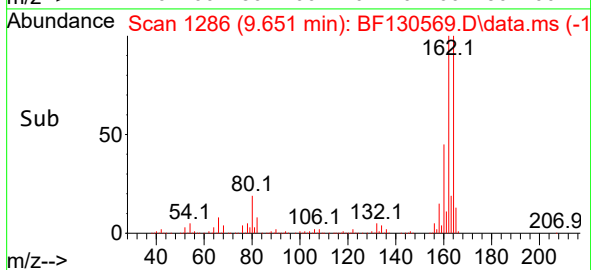
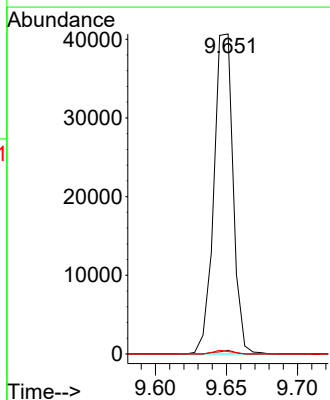
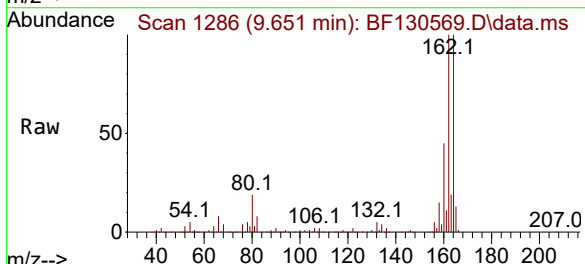
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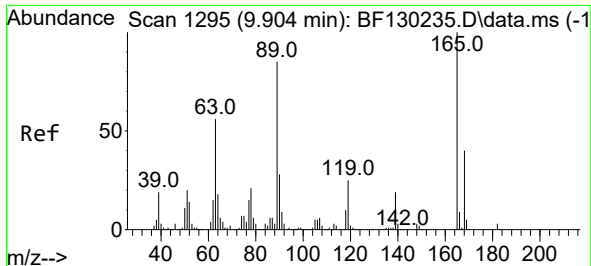
Tgt Ion:163 Resp: 54948
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 534.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.200 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:165 Resp: 38175
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 0.7 54.5 81.7#

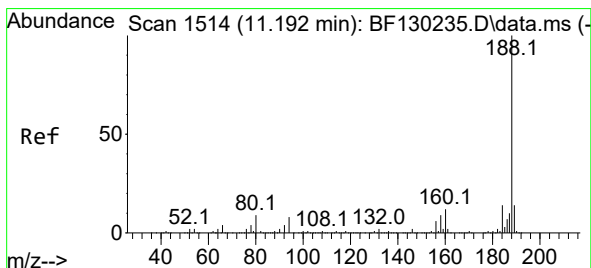
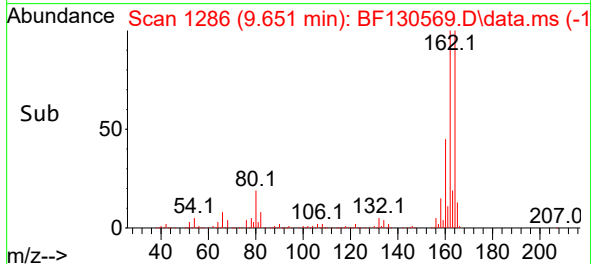
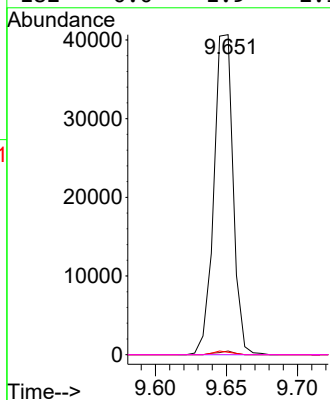
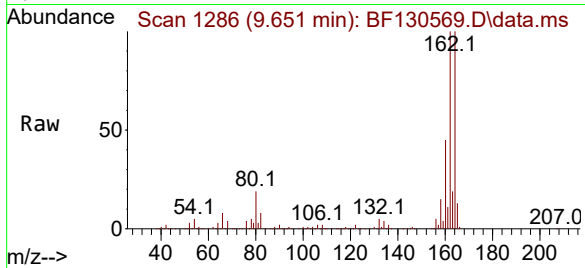




#57
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

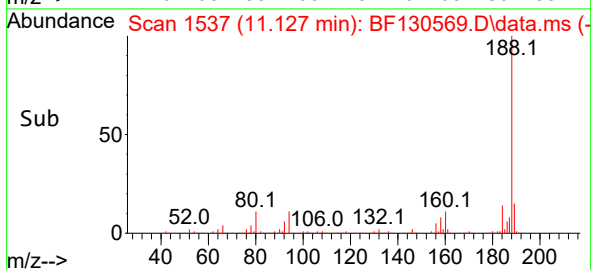
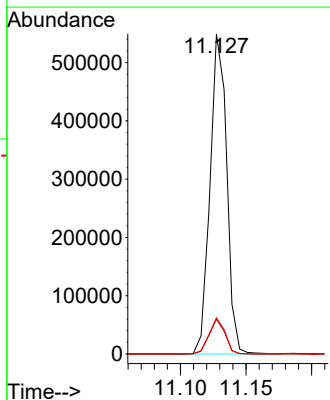
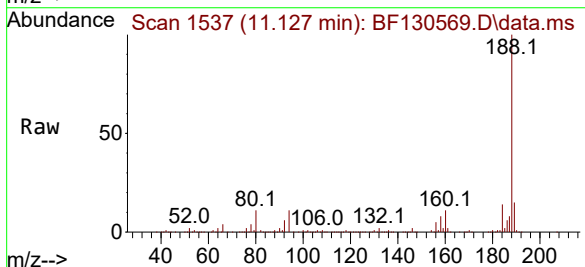
Instrument :
BNA_F
ClientSampleId :
PB148146BL

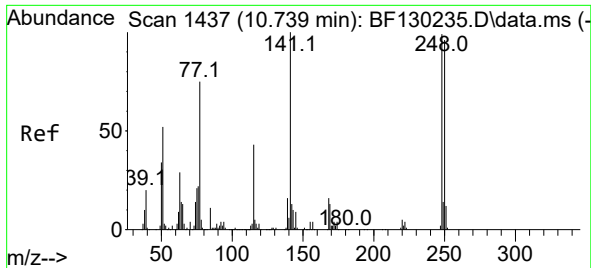
Tgt Ion:165 Resp: 38175
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 0.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:188 Resp: 485559
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.3 7.9 11.9

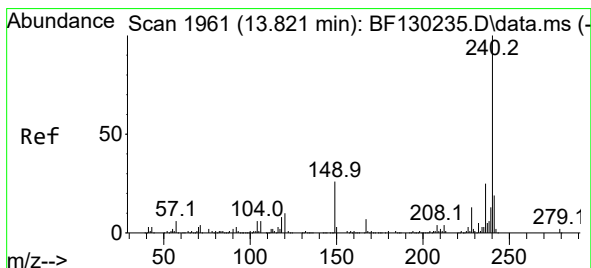
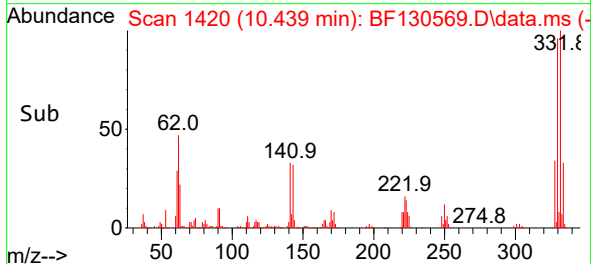
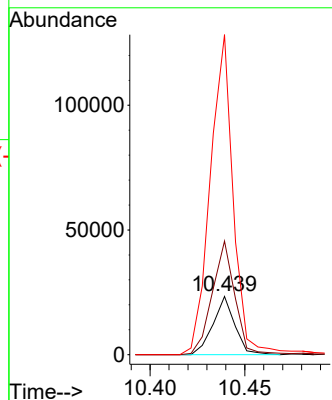
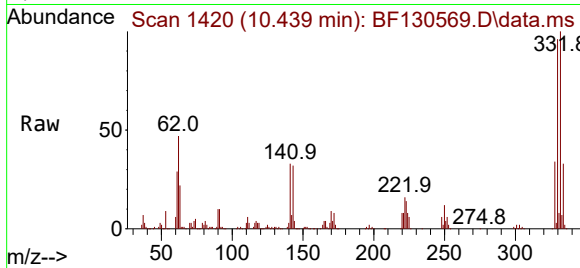




#67
4-Bromophenyl-phenylether
Concen: 3.515 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

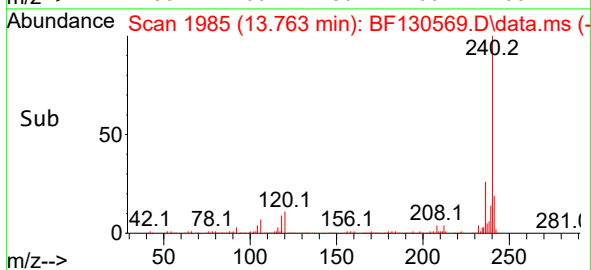
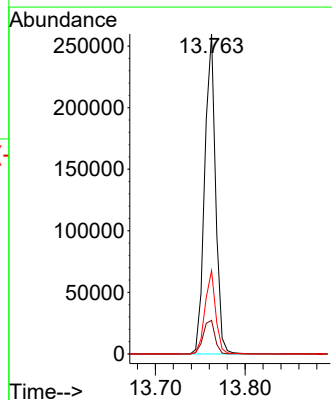
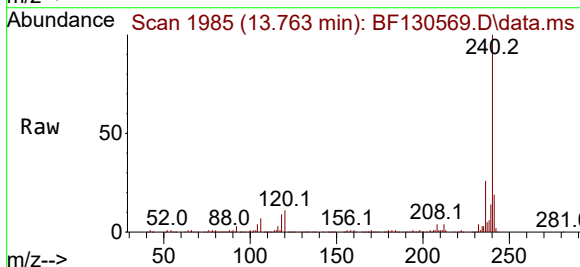
Instrument :
BNA_F
ClientSampleId :
PB148146BL

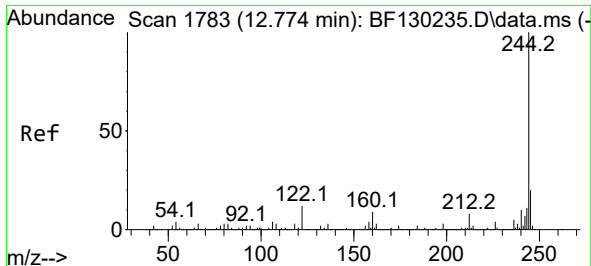
Tgt Ion:248 Resp: 18826
Ion Ratio Lower Upper
248 100
250 195.0 80.0 120.0#
141 549.1 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:240 Resp: 218563
Ion Ratio Lower Upper
240 100
120 10.5 8.7 13.1
236 26.1 20.9 31.3

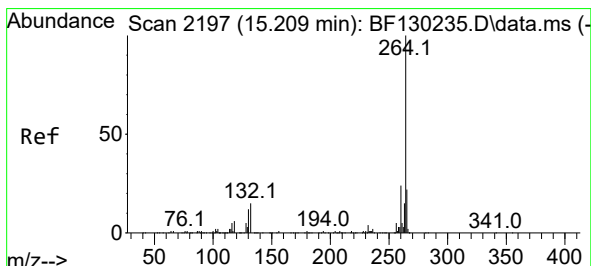
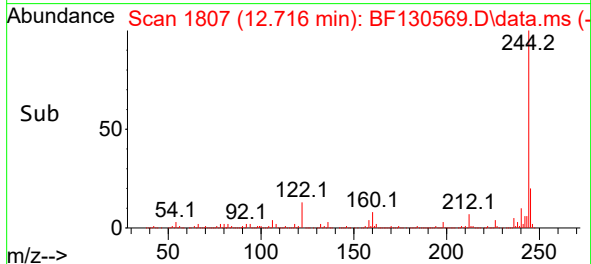
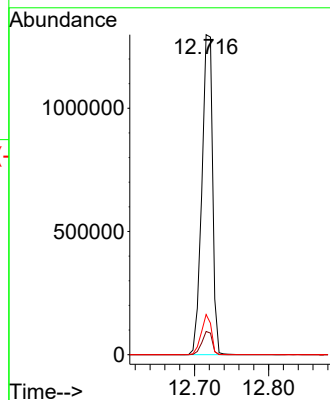
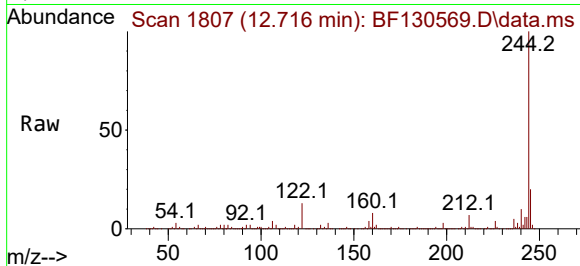




#79
 Terphenyl-d14
 Concen: 98.707 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130569.D
 Acq: 07 Oct 2022 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB148146BL

Tgt Ion:244 Resp: 1302378
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.6 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: BF130569.D
 Acq: 07 Oct 2022 10:36

Tgt Ion:264 Resp: 219739
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.3 17.0 25.4

