

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132136.D
 Acq On : 19 Jan 2023 00:52
 Operator : CG\JU
 Sample : 01190-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Quant Time: Jan 19 05:25:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

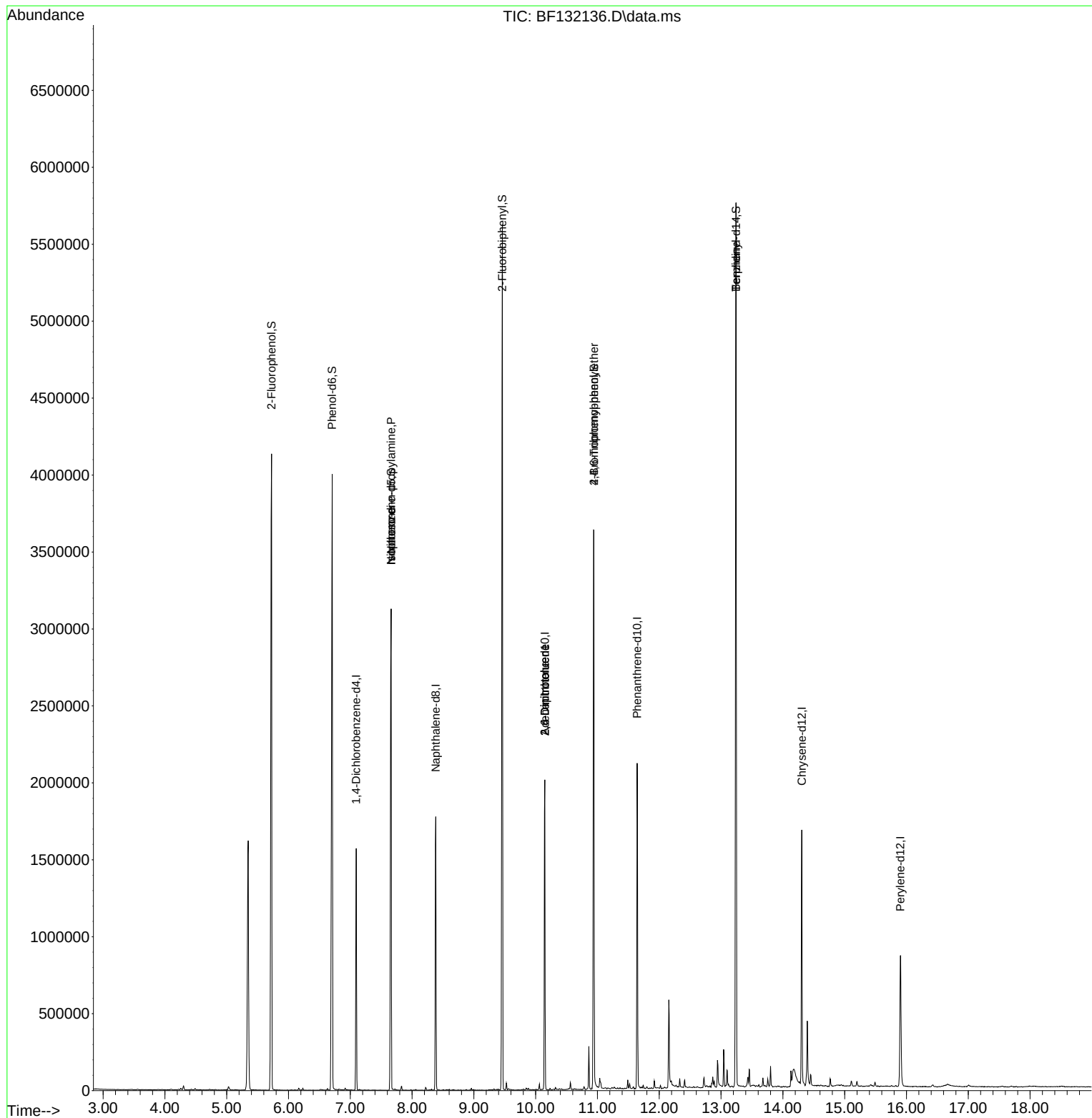
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	202488	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	732987	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	396738	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	779422	20.000	ng	0.00
76) Chrysene-d12	14.307	240	538578	20.000	ng	0.00
86) Perylene-d12	15.901	264	449913	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1177733	103.479	ng	0.00
7) Phenol-d6	6.707	99	1535159	104.410	ng	0.00
23) Nitrobenzene-d5	7.660	82	1014401	73.459	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	484663	111.652	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1685030	73.897	ng	0.00
79) Terphenyl-d14	13.242	244	2082695	62.744	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	137911	14.920	ng	# 78
25) Isophorone	7.660	82	1013339	36.675	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	50225	8.186	ng	# 16
57) 2,4-Dinitrotoluene	10.148	165	50225	6.628	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	31242	3.529	ng	# 1
77) Benzidine	13.242	184	34693	2.392	ng	# 93

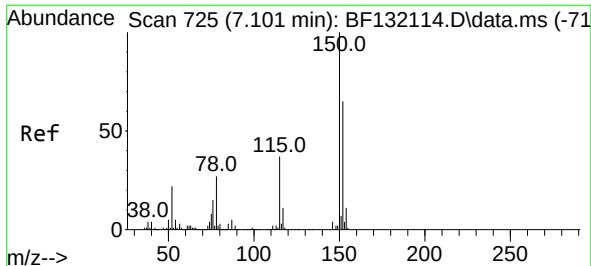
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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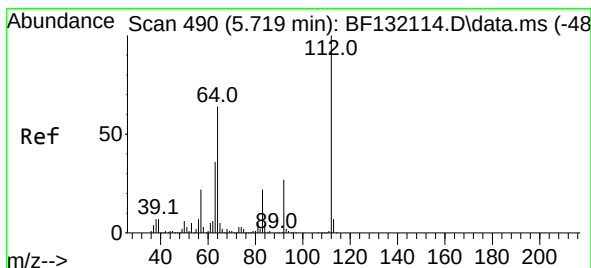
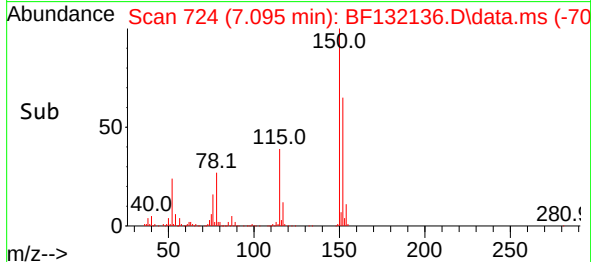
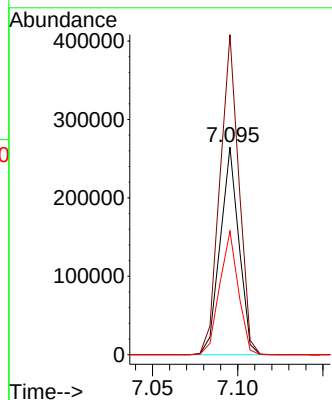
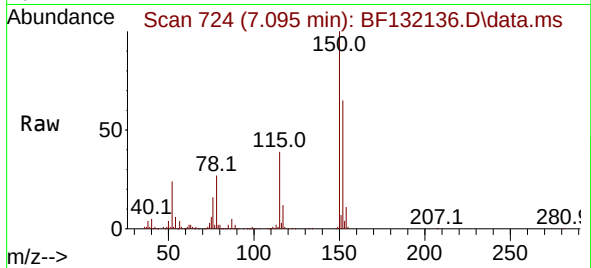




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132136.D
 Acq: 19 Jan 2023 00:52

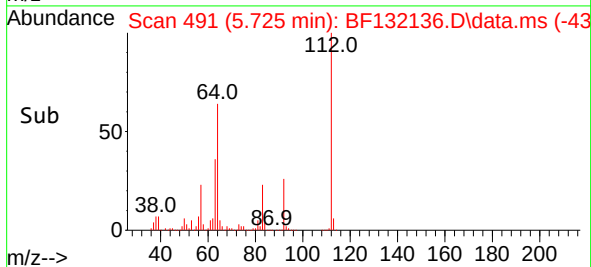
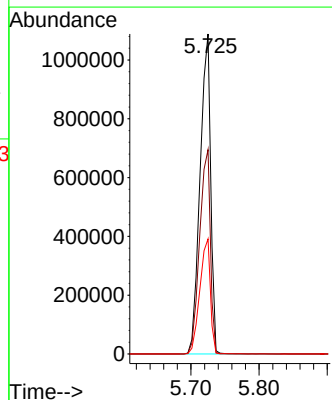
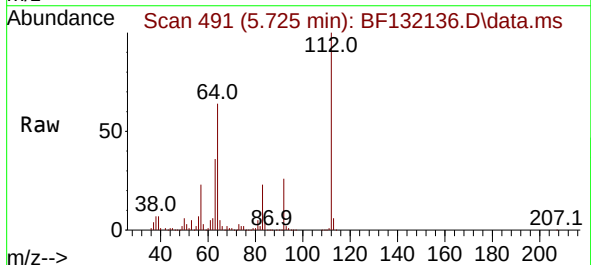
Instrument :
 BNA_F
 ClientSampleId :
 PE-7

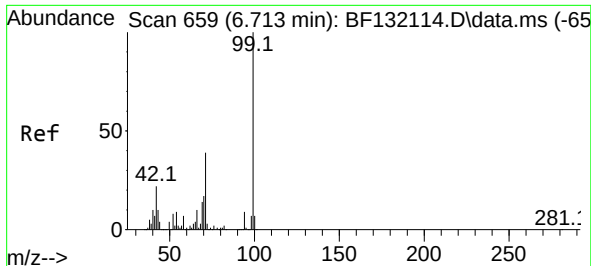
Tgt Ion:152 Resp: 202488
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.3 184.9
 115 59.5 45.8 68.6



#5
 2-Fluorophenol
 Concen: 103.479 ng
 RT: 5.725 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: BF132136.D
 Acq: 19 Jan 2023 00:52

Tgt Ion:112 Resp: 1177733
 Ion Ratio Lower Upper
 112 100
 64 63.9 51.0 76.6
 63 36.0 28.7 43.1

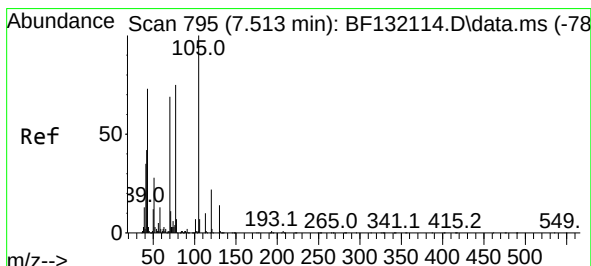
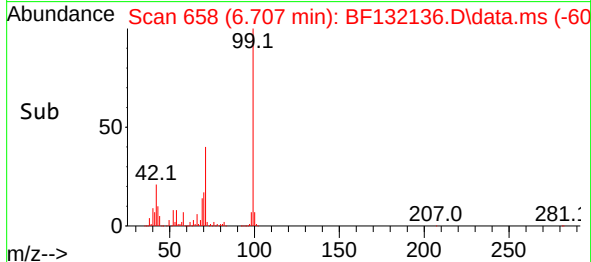
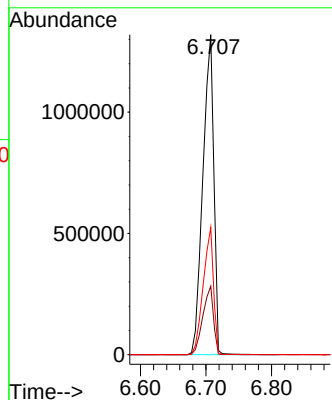
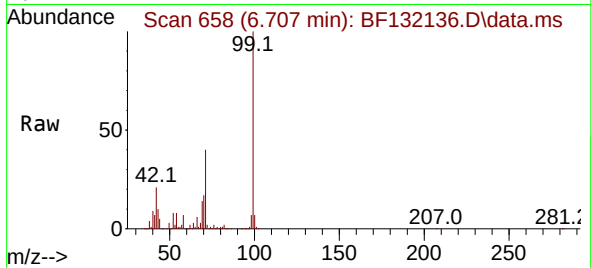




#7
Phenol-d6
Concen: 104.410 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

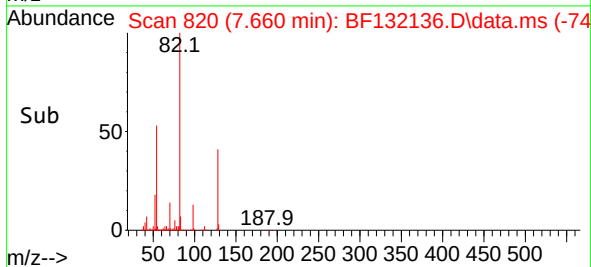
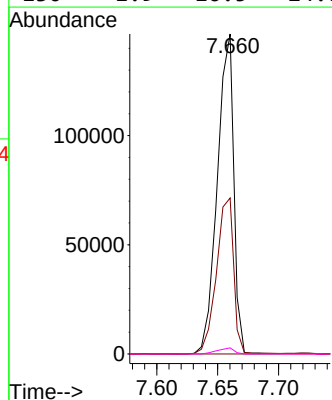
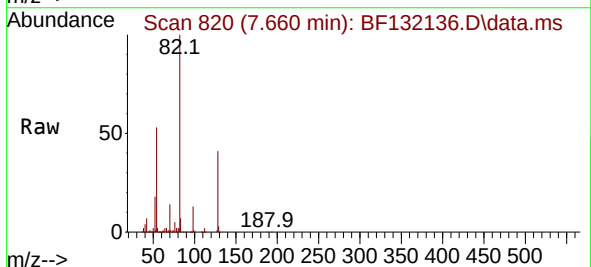
Instrument :
BNA_F
ClientSampleId :
PE-7

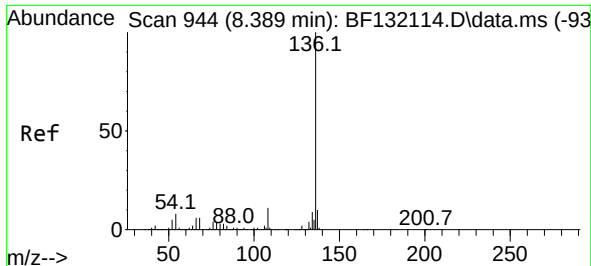
Tgt Ion: 99 Resp: 1535159
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 39.8 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.920 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

Tgt Ion: 70 Resp: 137911
Ion Ratio Lower Upper
70 100
42 48.7 48.5 72.7
101 0.0 7.8 11.8#
130 1.9 16.5 24.7#

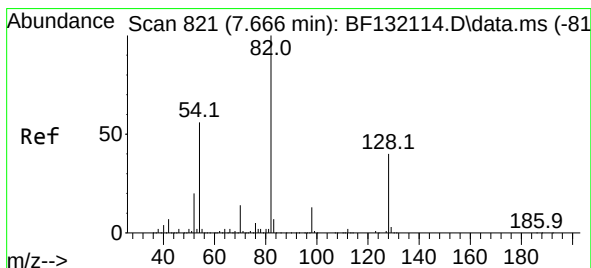
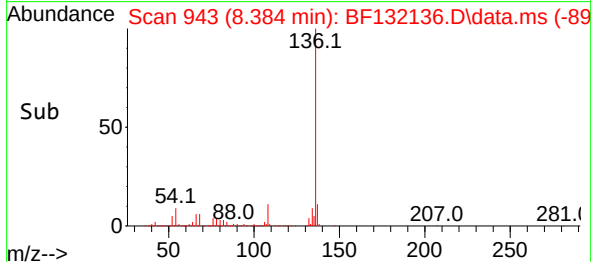
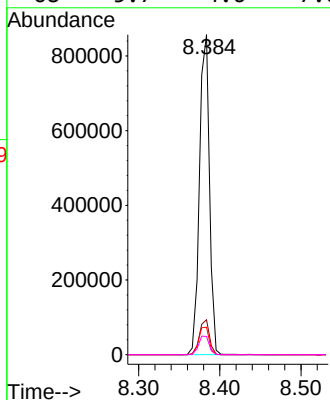
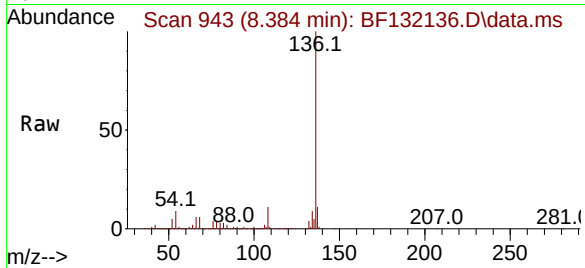




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

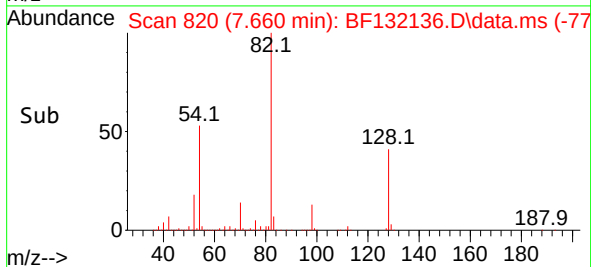
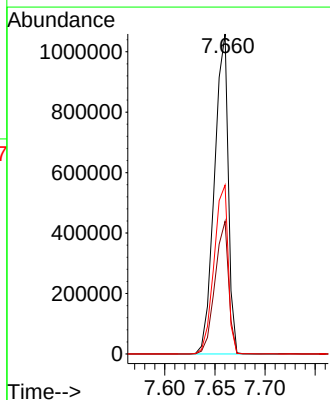
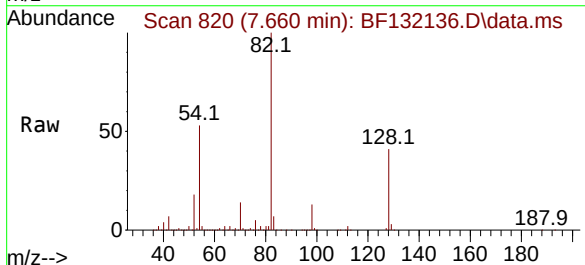
Instrument :
BNA_F
ClientSampleId :
PE-7

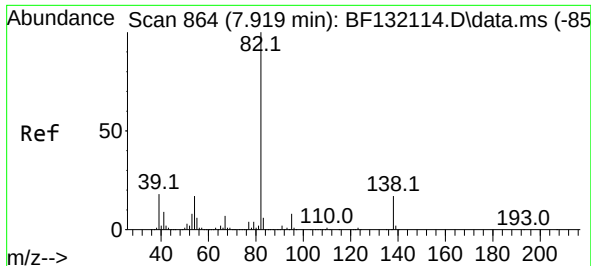
Tgt Ion:136 Resp: 732987
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.6 6.6 10.0
68 5.7 4.6 7.0



#23
Nitrobenzene-d5
Concen: 73.459 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

Tgt Ion: 82 Resp: 1014401
Ion Ratio Lower Upper
82 100
128 41.5 32.0 48.0
54 52.8 45.1 67.7

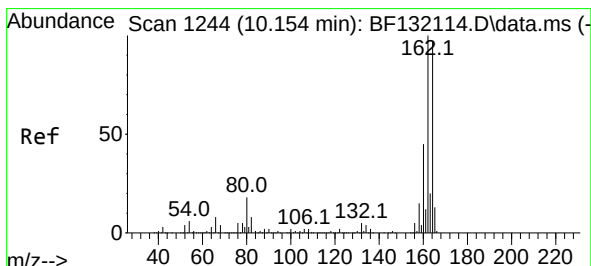
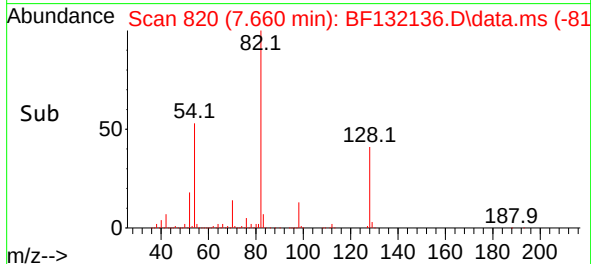
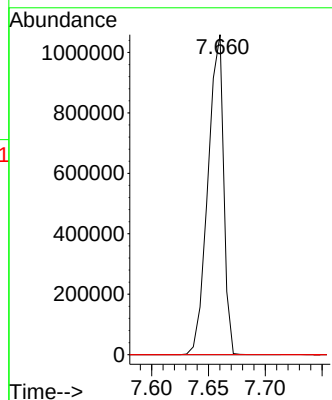
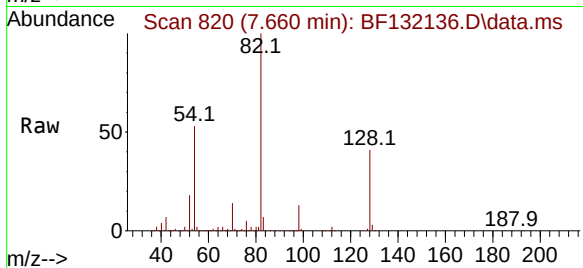




#25
Isophorone
Concen: 36.675 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

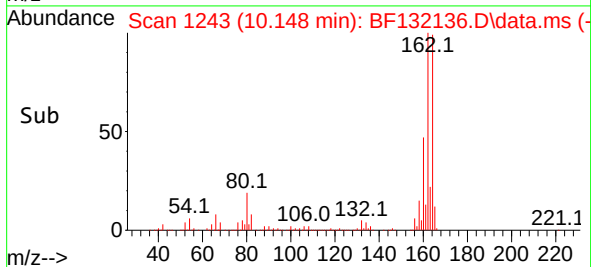
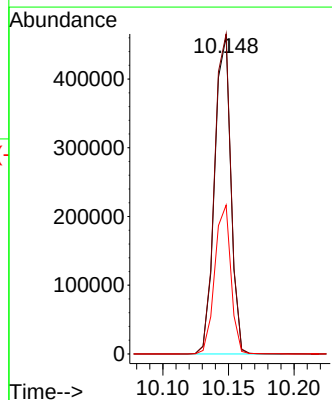
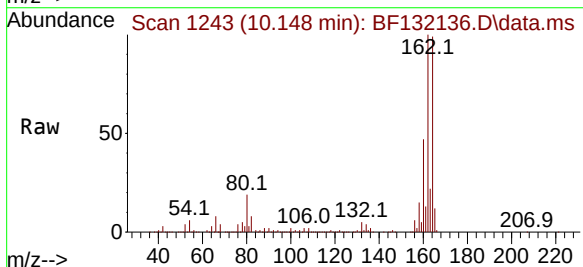
Instrument :
BNA_F
ClientSampleId :
PE-7

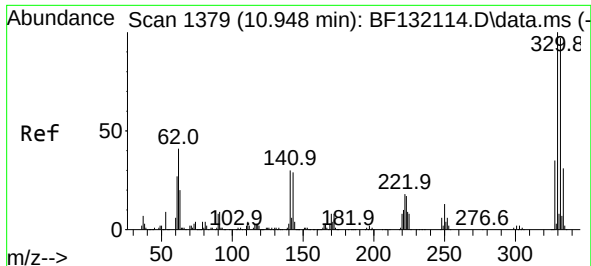
Tgt Ion: 82 Resp: 1013339
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

Tgt Ion: 164 Resp: 396738
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 46.9 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 111.652 ng

RT: 10.942 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

Instrument :

BNA_F

ClientSampleId :

PE-7

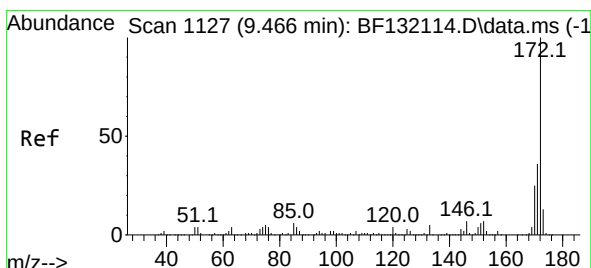
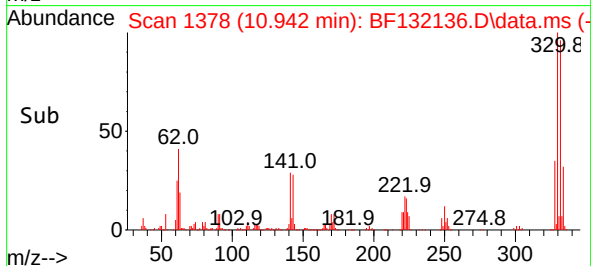
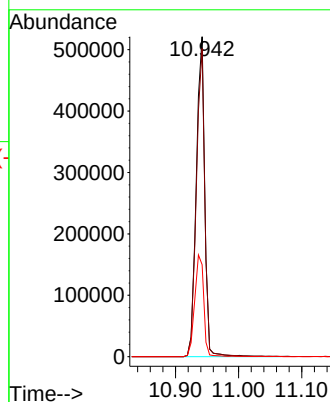
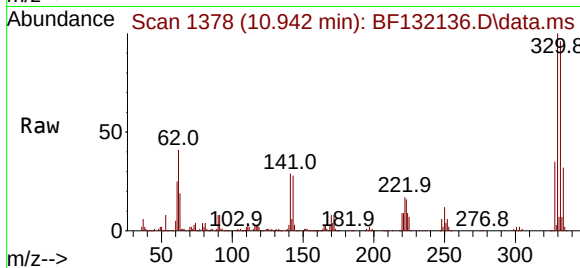
Tgt Ion:330 Resp: 484663

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 34.2 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 73.897 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

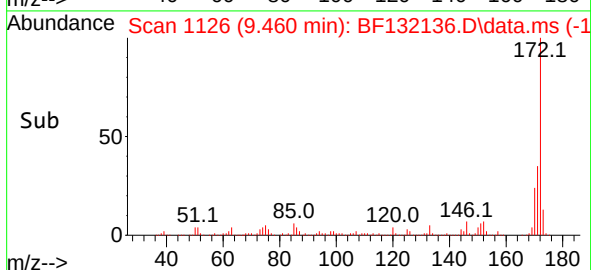
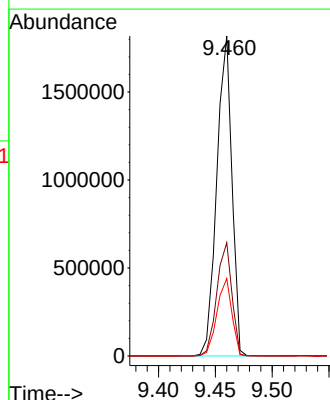
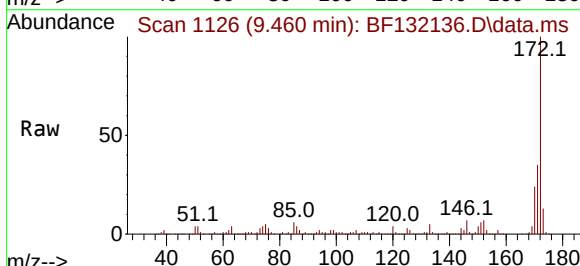
Tgt Ion:172 Resp: 1685030

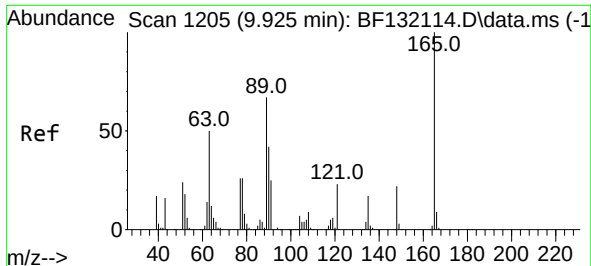
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 24.2 19.7 29.5

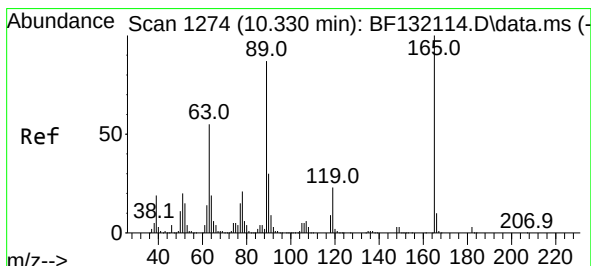
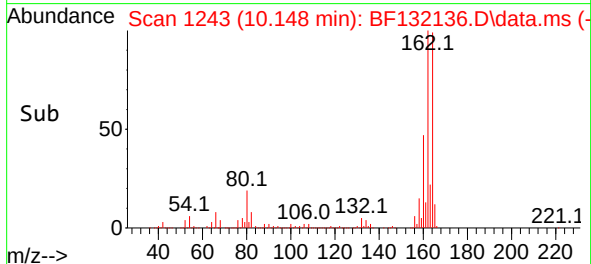
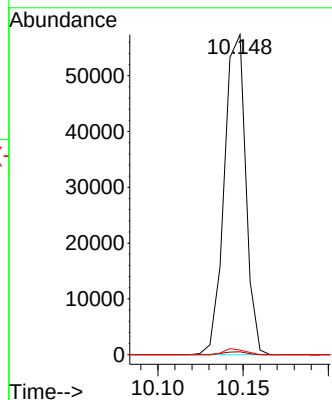
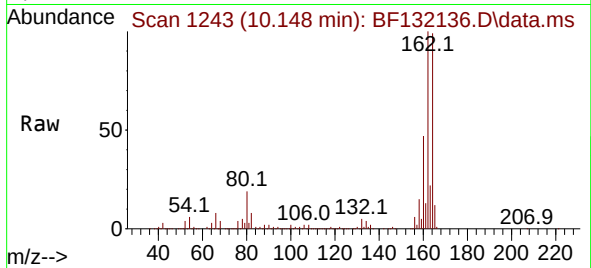




#51
2,6-Dinitrotoluene
Concen: 8.186 ng
RT: 10.148 min Scan# 1205
Delta R.T. 0.224 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

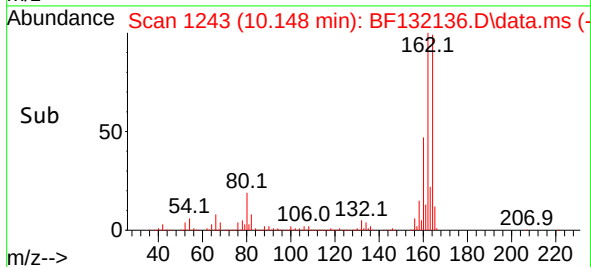
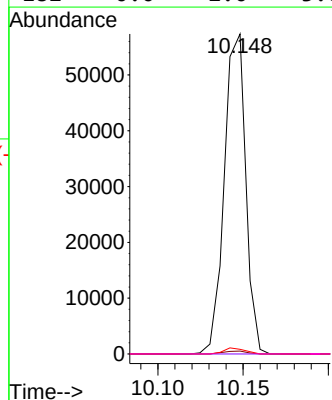
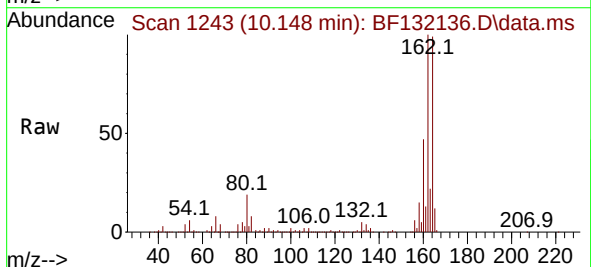
Instrument :
BNA_F
ClientSampleId :
PE-7

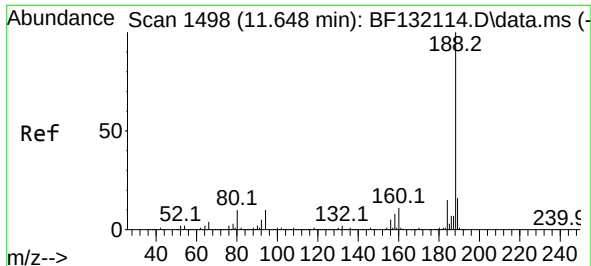
Tgt Ion:165 Resp: 50225
Ion Ratio Lower Upper
165 100
63 0.9 57.0 85.4#
89 1.4 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.628 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.182 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

Tgt Ion:165 Resp: 50225
Ion Ratio Lower Upper
165 100
63 0.9 44.1 66.1#
89 1.4 69.3 103.9#
182 0.0 2.0 3.0#

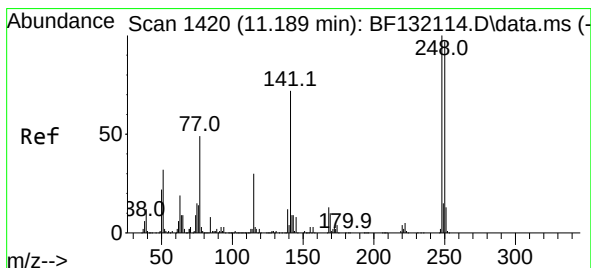
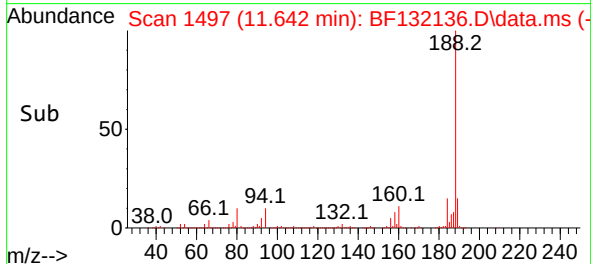
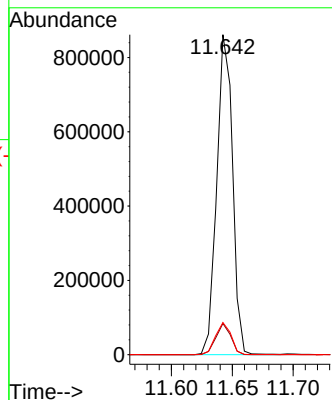
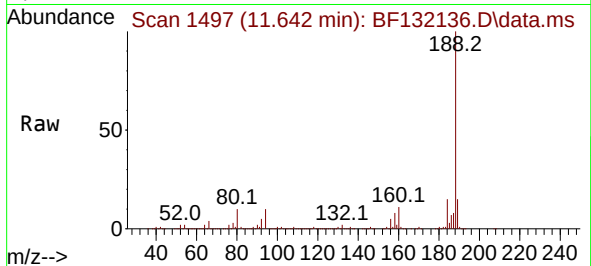




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

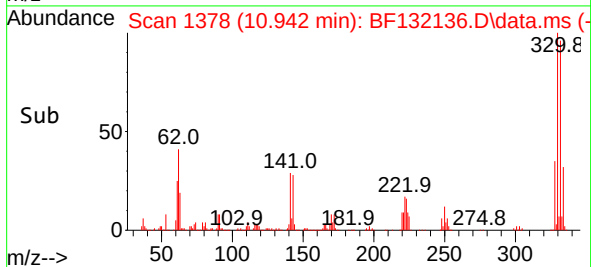
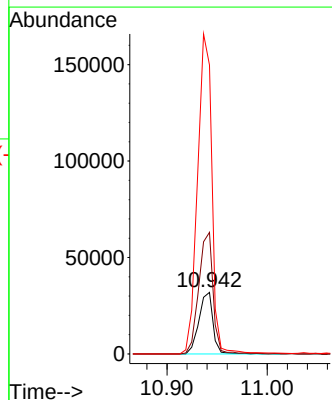
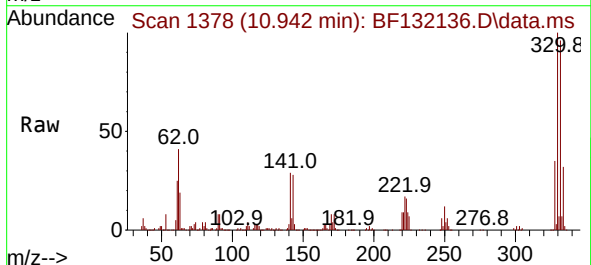
Instrument :
BNA_F
ClientSampleId :
PE-7

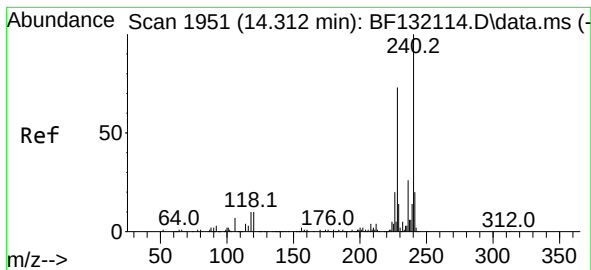
Tgt Ion:188 Resp: 779422
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.529 ng
RT: 10.942 min Scan# 1378
Delta R.T. -0.247 min
Lab File: BF132136.D
Acq: 19 Jan 2023 00:52

Tgt Ion:248 Resp: 31242
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.8#
141 468.9 57.6 86.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

Instrument :

BNA_F

ClientSampleId :

PE-7

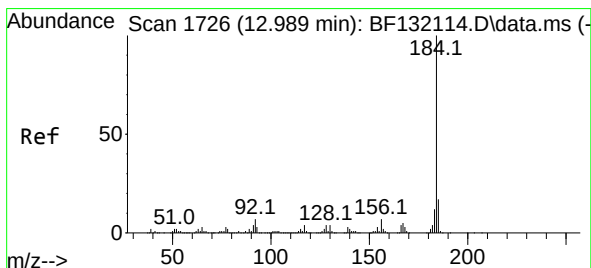
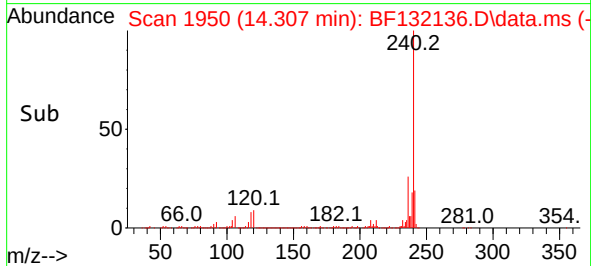
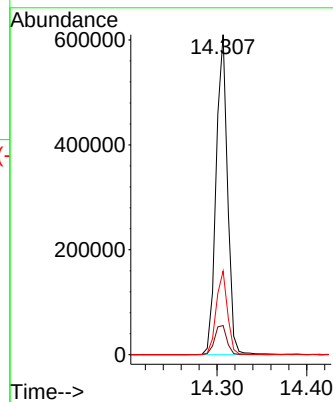
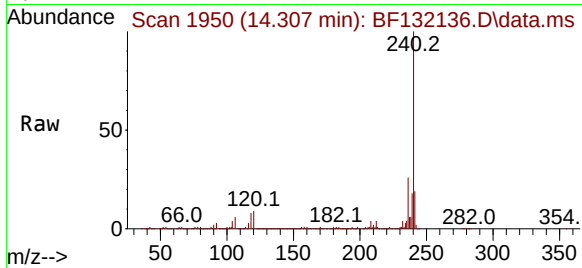
Tgt Ion:240 Resp: 538578

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.4

236 26.1 21.2 31.8



#77

Benzidine

Concen: 2.392 ng

RT: 13.242 min Scan# 1769

Delta R.T. 0.253 min

Lab File: BF132136.D

Acq: 19 Jan 2023 00:52

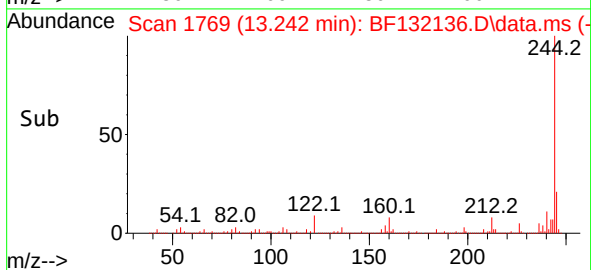
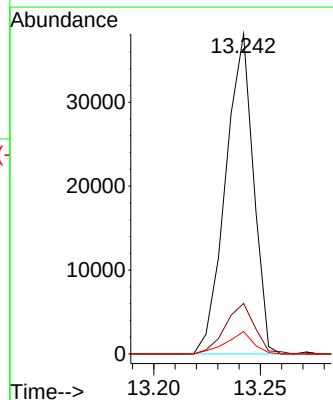
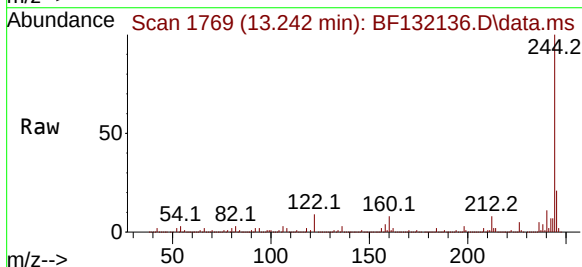
Tgt Ion:184 Resp: 34693

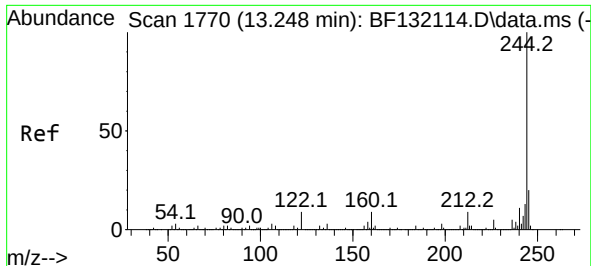
Ion Ratio Lower Upper

184 100

185 15.8 13.7 20.5

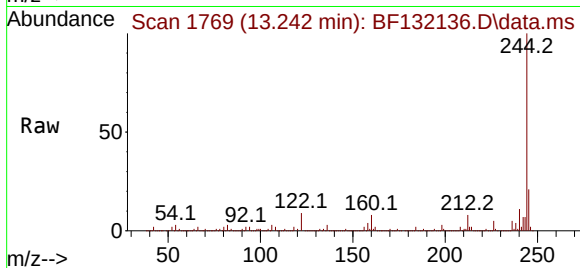
183 7.0 9.4 14.0#



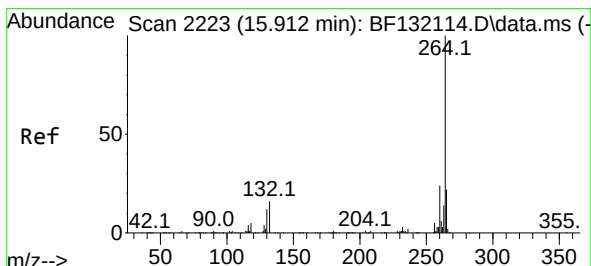
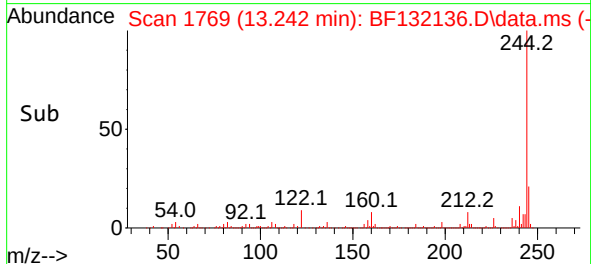
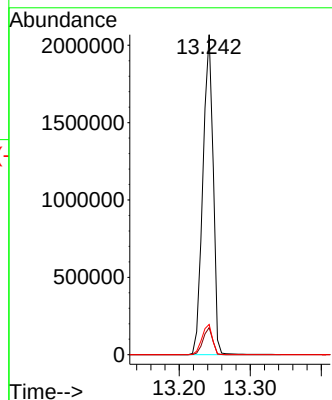


#79
 Terphenyl-d14
 Concen: 62.744 ng
 RT: 13.242 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: BF132136.D
 Acq: 19 Jan 2023 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-7



Tgt Ion:244 Resp: 2082695
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 9.4 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.901 min Scan# 2221
 Delta R.T. -0.012 min
 Lab File: BF132136.D
 Acq: 19 Jan 2023 00:52

Tgt Ion:264 Resp: 449913
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 17.5 26.3

