

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133035.D
 Acq On : 25 Apr 2023 19:27
 Operator : CG\JU
 Sample : 02477-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)

Quant Time: Apr 26 02:16:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

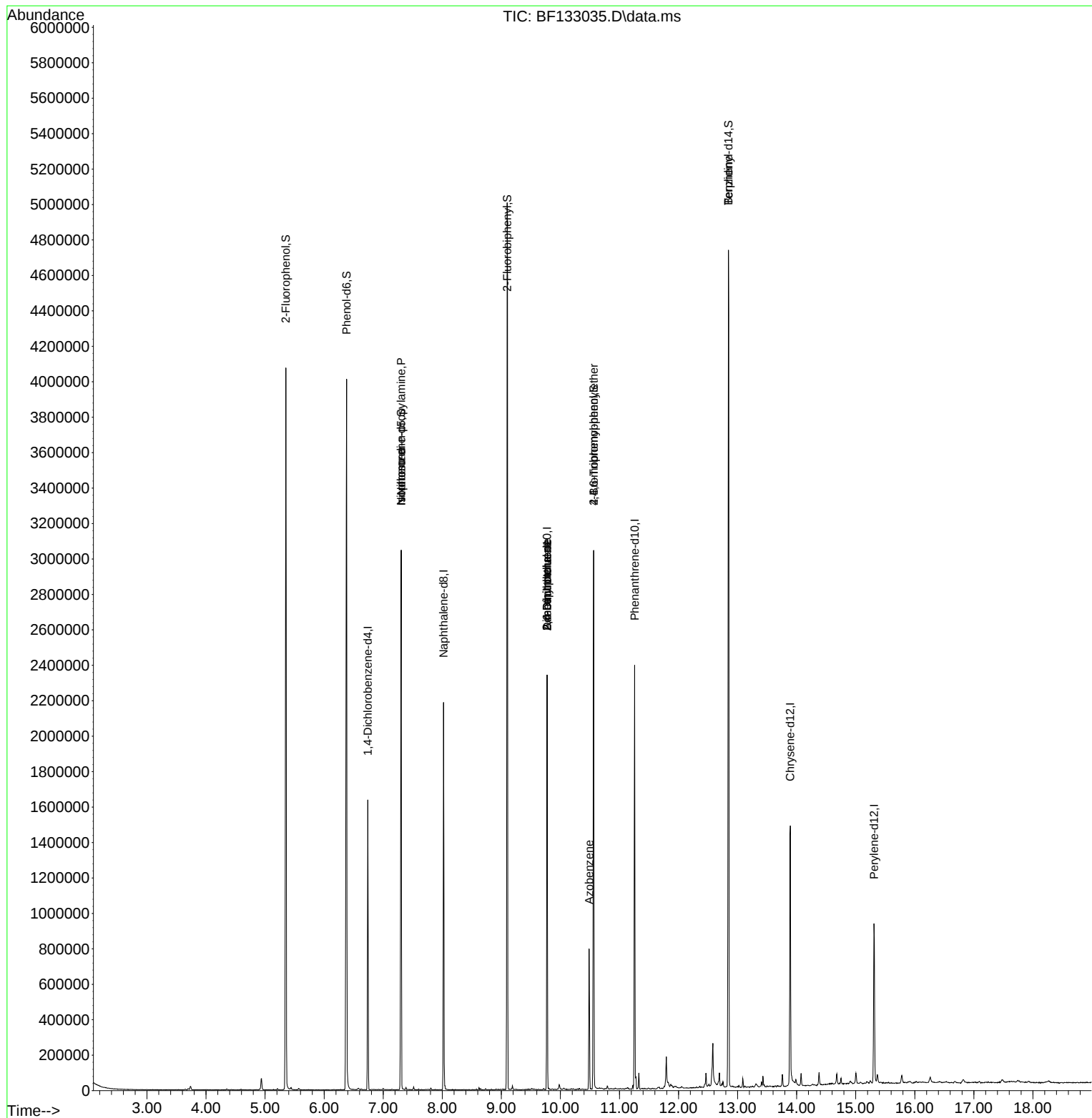
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	200170	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	808519	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	409120	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	751837	20.000	ng	0.00
76) Chrysene-d12	13.892	240	481043	20.000	ng	0.00
86) Perylene-d12	15.310	264	384072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1192077	89.962	ng	0.00
7) Phenol-d6	6.381	99	1471393	89.462	ng	0.00
23) Nitrobenzene-d5	7.304	82	875509	58.449	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	350790	85.257	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1562028	63.875	ng	-0.01
79) Terphenyl-d14	12.845	244	1820423	65.267	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	477	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.304	70	114589	11.191	ng	# 76
25) Isophorone	7.304	82	874326	30.743	ng	# 63
50) Dimethylphthalate	9.775	163	82139	2.879	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	52324	8.149	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	52324	6.390	ng	# 23
63) Azobenzene	10.486	77	120611	4.225	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	21438	2.629	ng	# 1
77) Benzidine	12.845	184	21904	2.693	ng	# 88

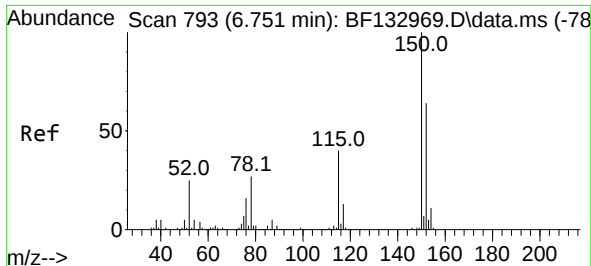
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133035.D
Acq On : 25 Apr 2023 19:27
Operator : CG\JU
Sample : 02477-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

Quant Time: Apr 26 02:16:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

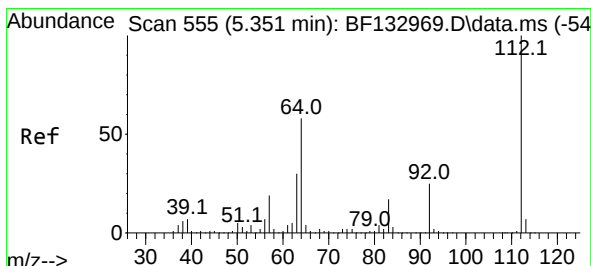
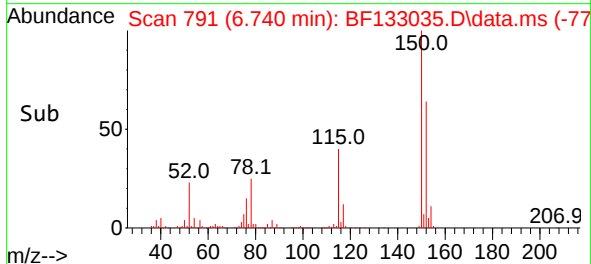
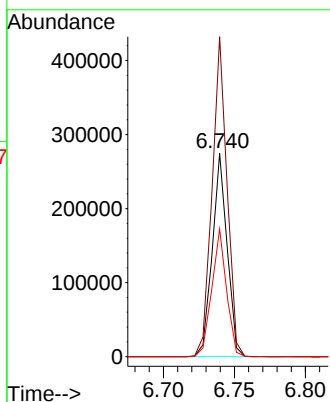
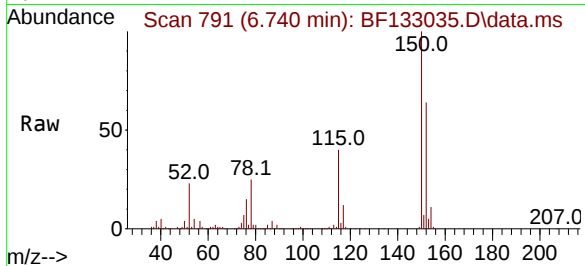




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

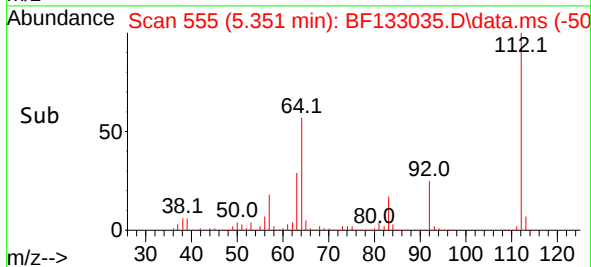
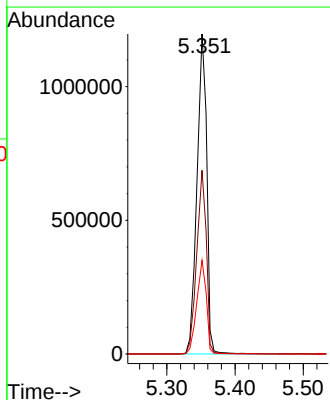
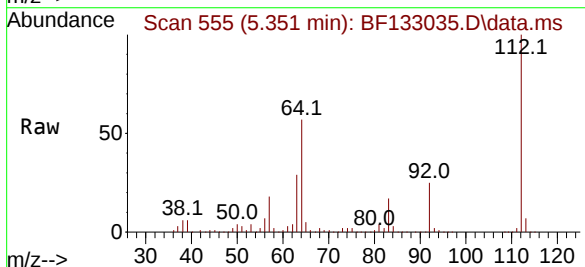
Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)

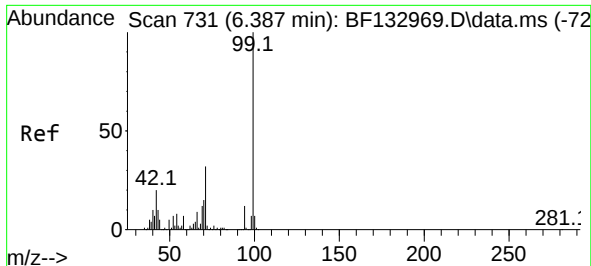
Tgt Ion:152 Resp: 200170
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 62.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.962 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

Tgt Ion:112 Resp: 1192077
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.8 70.2
 63 29.3 23.8 35.8

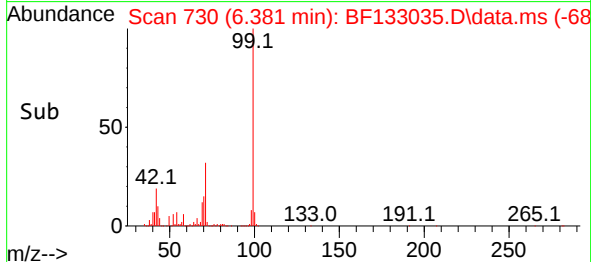
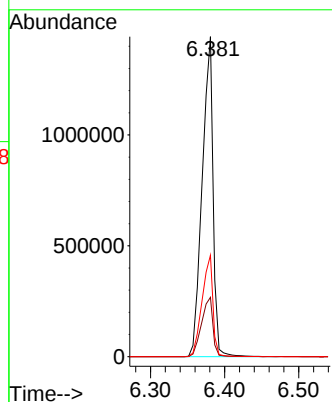
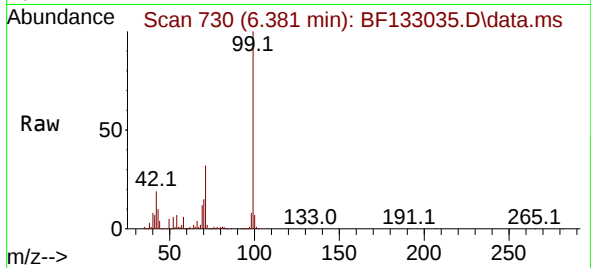




#7
Phenol-d6
Concen: 89.462 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

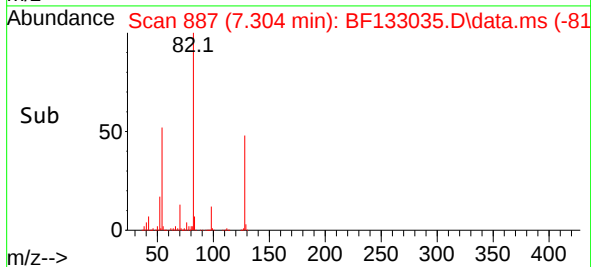
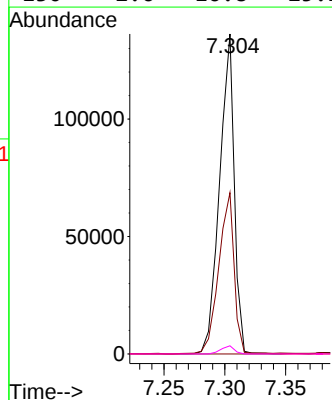
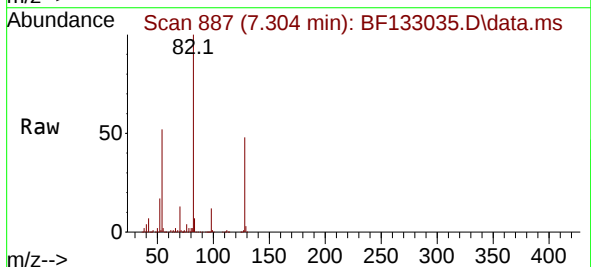
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

Tgt Ion: 99 Resp: 1471393
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.191 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion: 70 Resp: 114589
Ion Ratio Lower Upper
70 100
42 50.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#



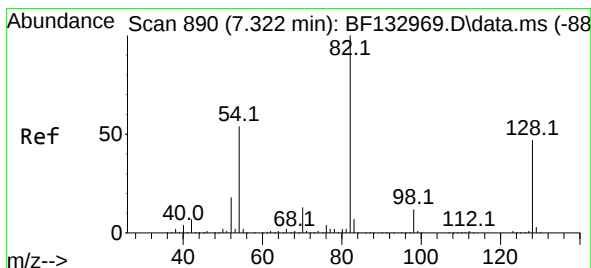
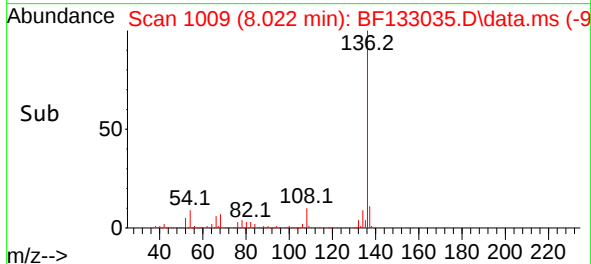
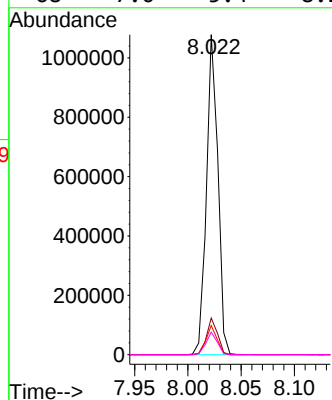
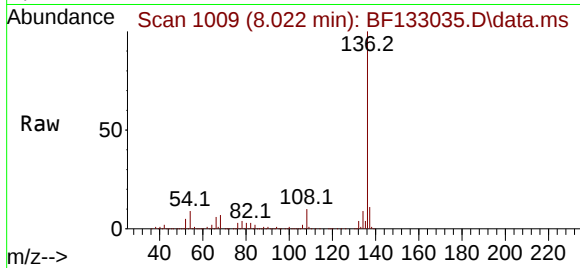


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

Tgt Ion:136 Resp: 808519

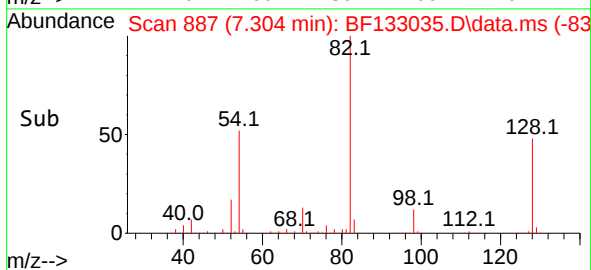
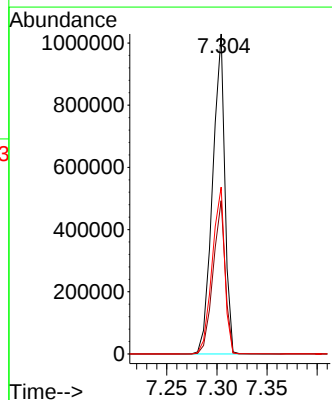
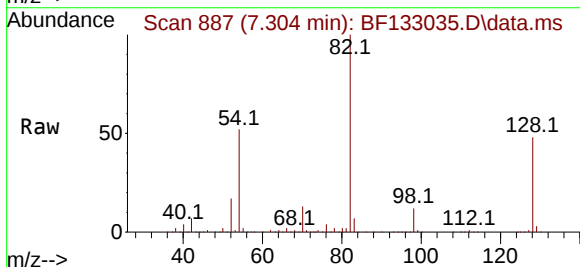
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.1	7.0	10.4
68	7.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 58.449 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion: 82 Resp: 875509

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.2	43.0	64.4

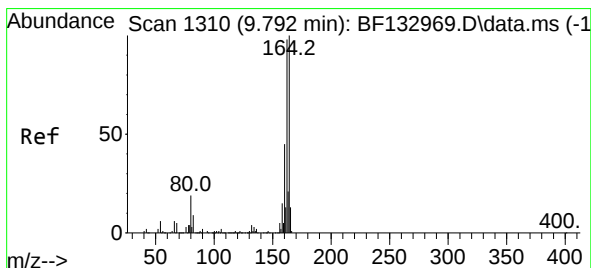
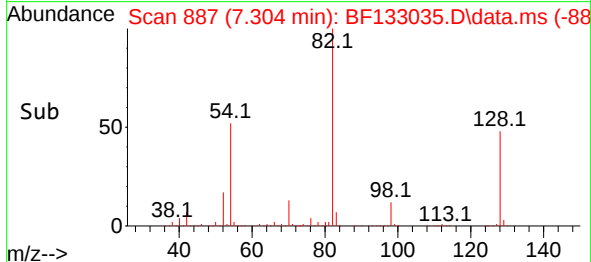
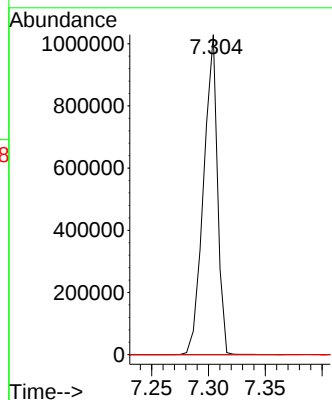
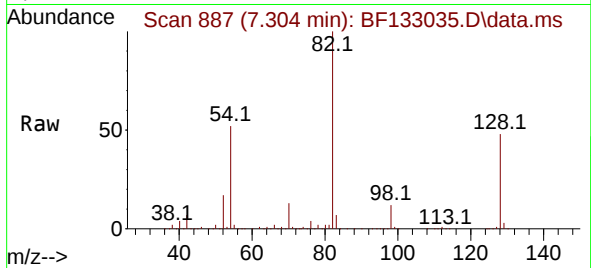




#25
Isophorone
Concen: 30.743 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

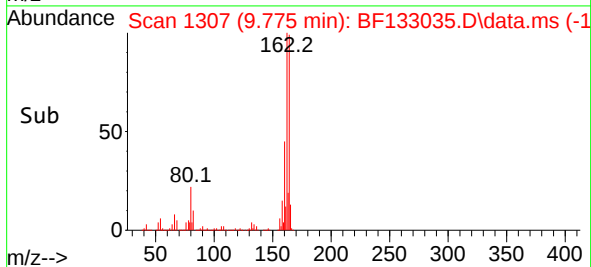
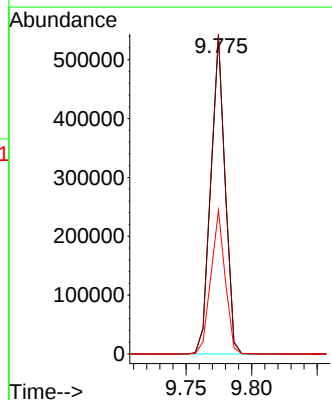
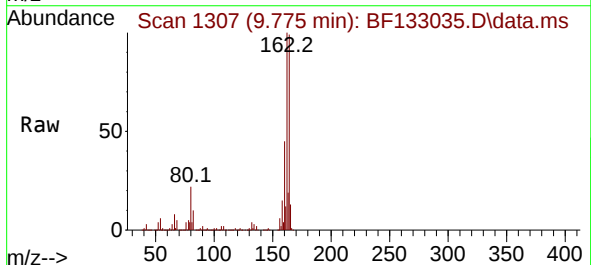
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

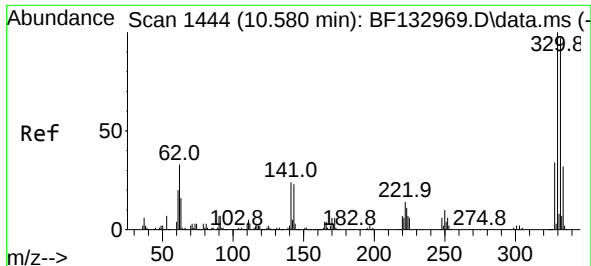
Tgt Ion: 82 Resp: 874326
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion:164 Resp: 409120
Ion Ratio Lower Upper
164 100
162 100.5 78.7 118.1
160 45.1 35.8 53.6

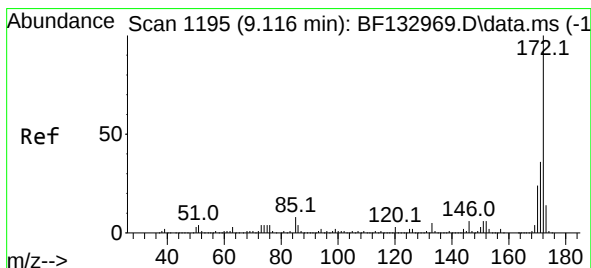
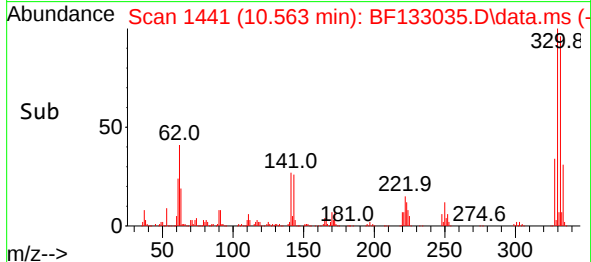
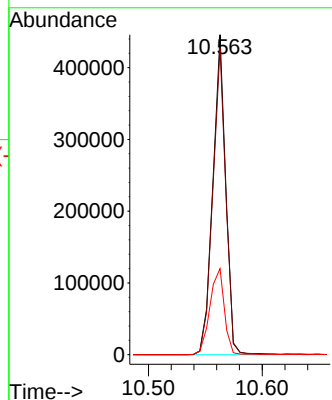
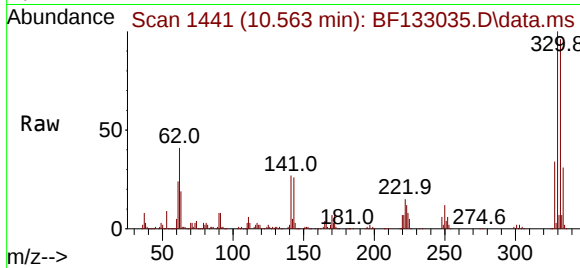




#42
2,4,6-Tribromophenol
Concen: 85.257 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

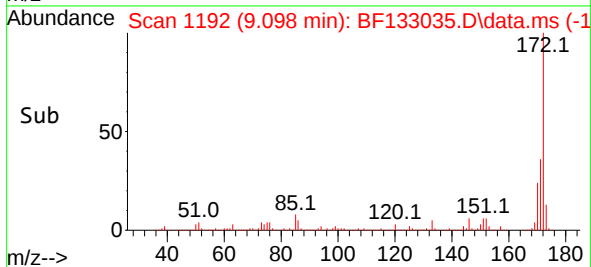
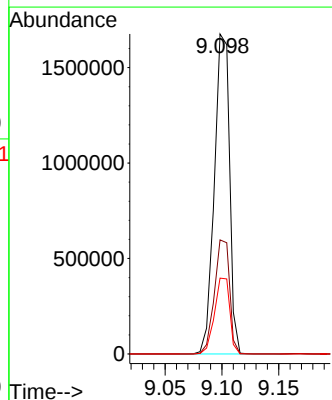
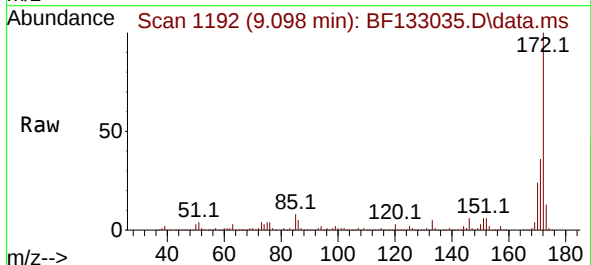
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

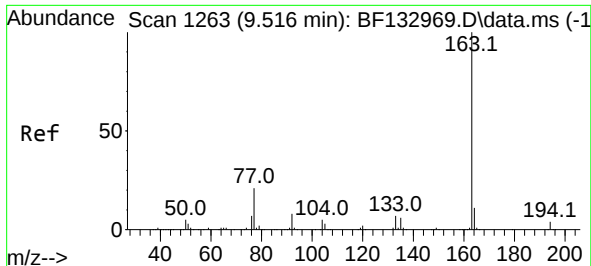
Tgt Ion:330 Resp: 350790
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 30.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.875 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion:172 Resp: 1562028
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.4 29.2

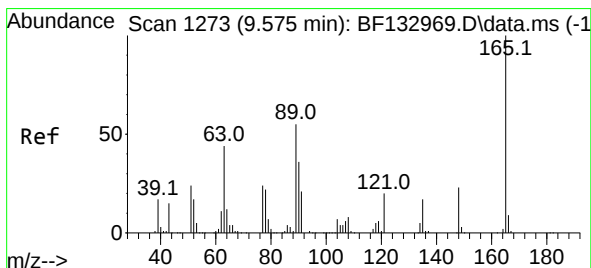
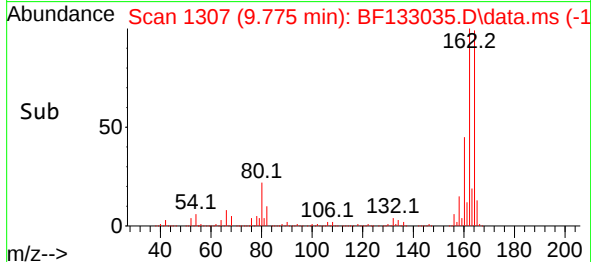
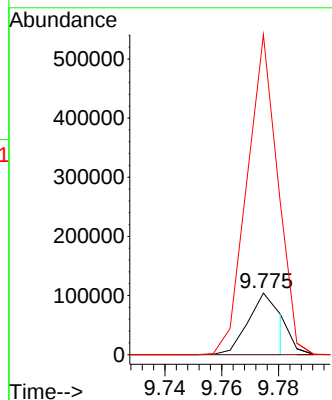
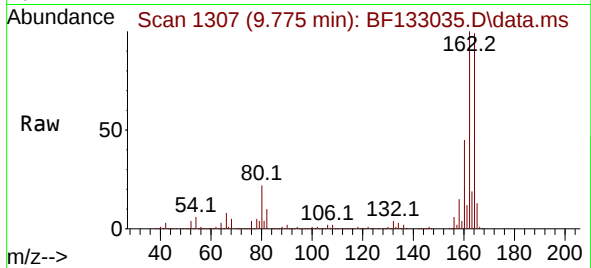




#50
Dimethylphthalate
Concen: 2.879 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

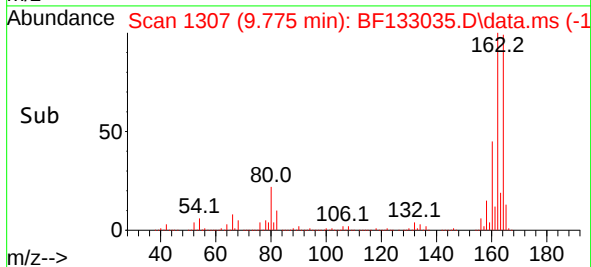
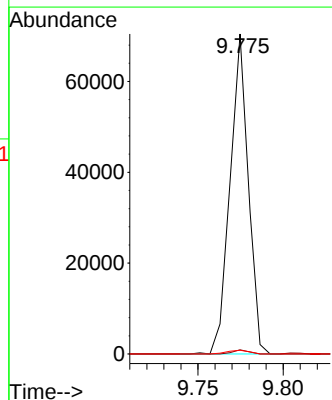
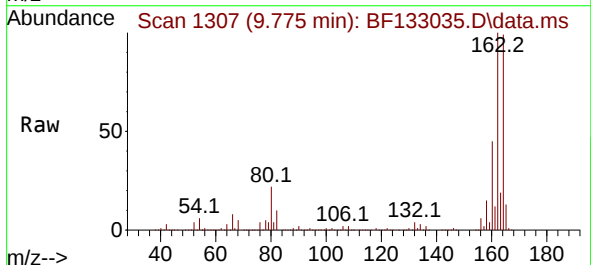
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

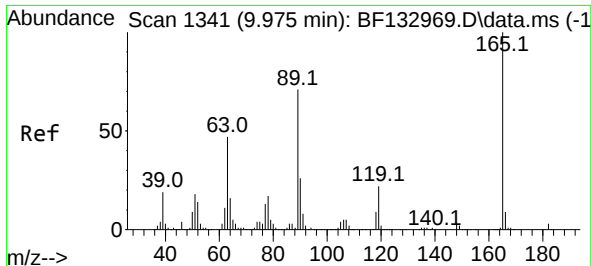
Tgt Ion:163 Resp: 82139
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 518.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.149 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion:165 Resp: 52324
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.1 44.0 66.0#

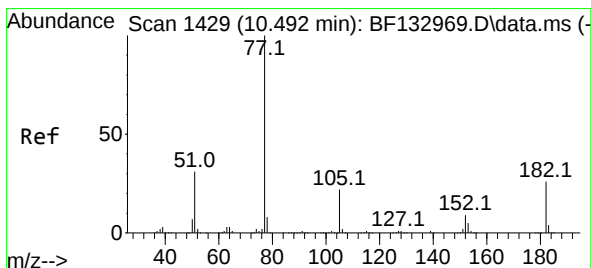
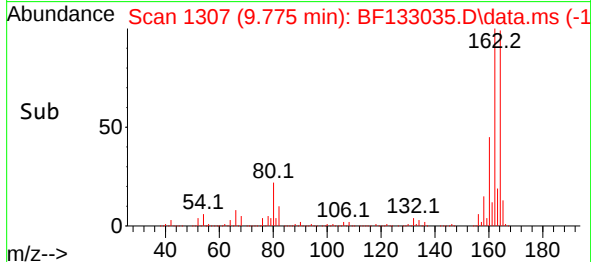
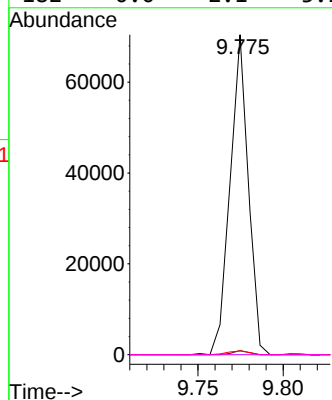
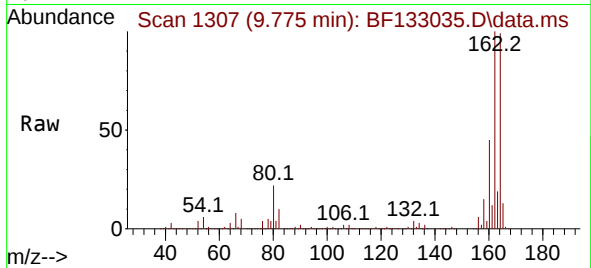




#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

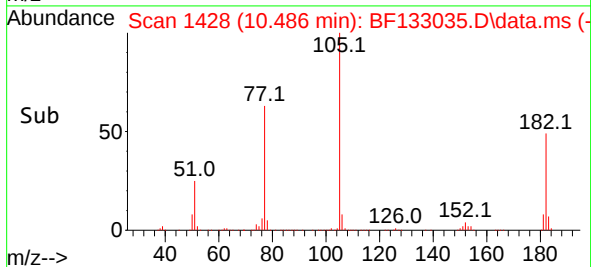
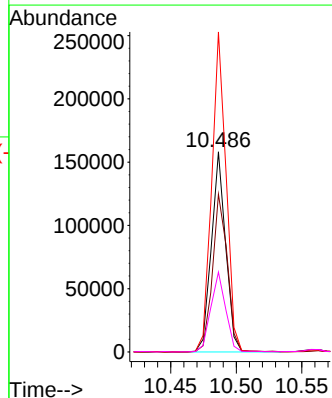
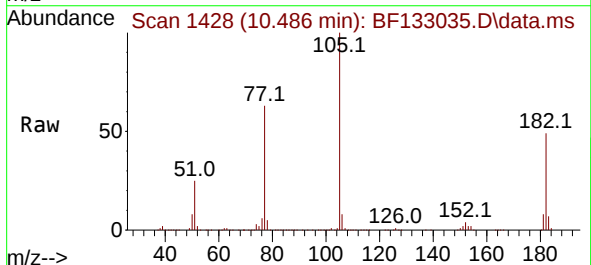
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)

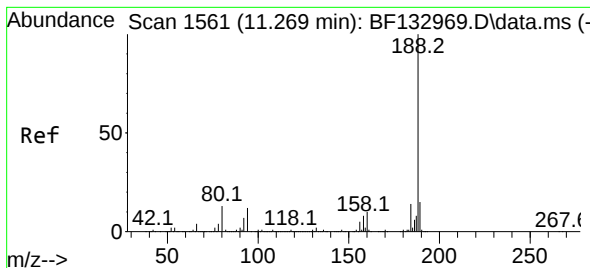
Tgt Ion:165 Resp: 52324
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.225 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF133035.D
Acq: 25 Apr 2023 19:27

Tgt Ion: 77 Resp: 120611
Ion Ratio Lower Upper
77 100
182 78.8 5.9 45.9#
105 159.8 2.3 42.3#
51 39.9 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)

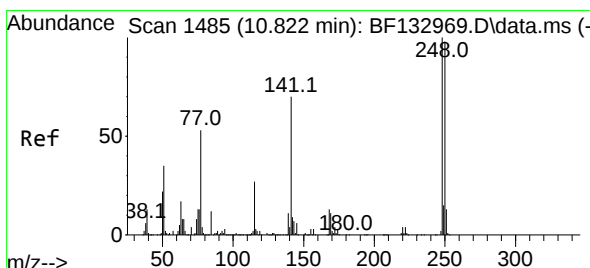
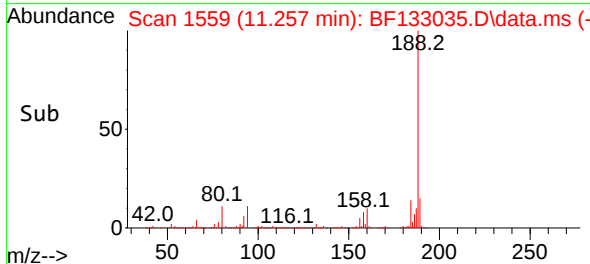
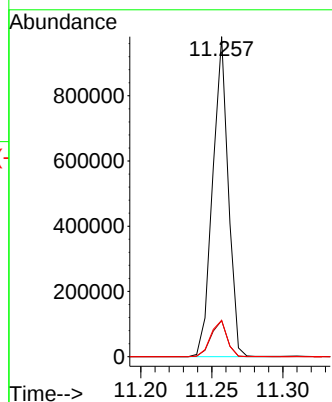
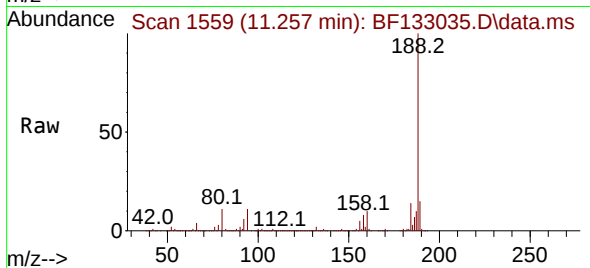
Tgt Ion:188 Resp: 751837

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.4 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.629 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.247 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

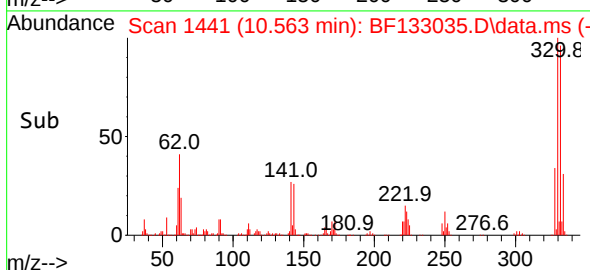
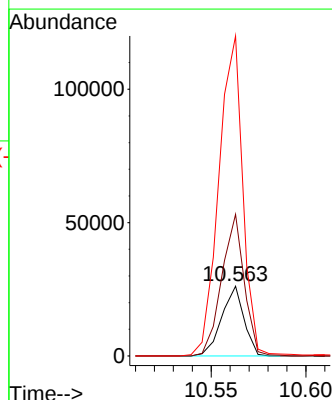
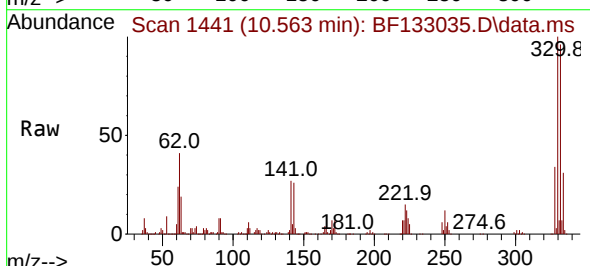
Tgt Ion:248 Resp: 21438

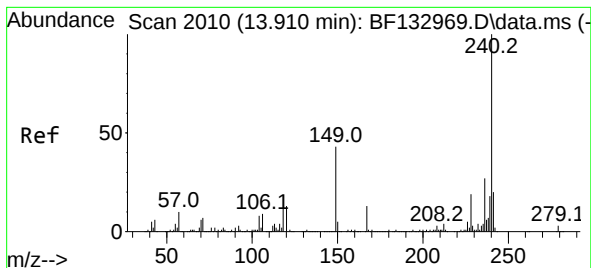
Ion Ratio Lower Upper

248 100

250 202.7 78.7 118.1#

141 458.2 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)

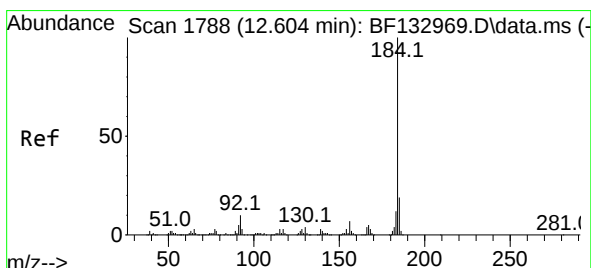
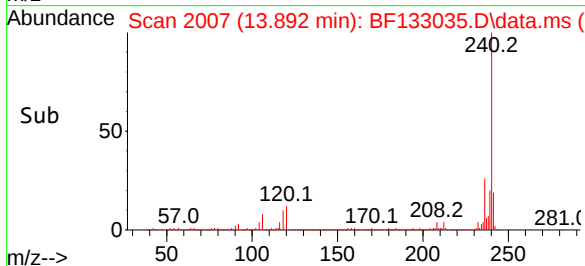
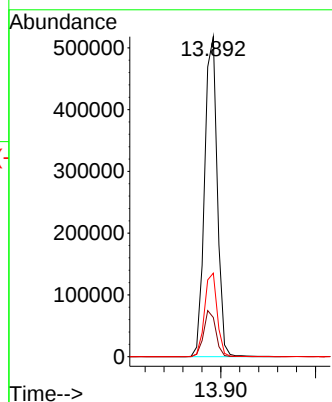
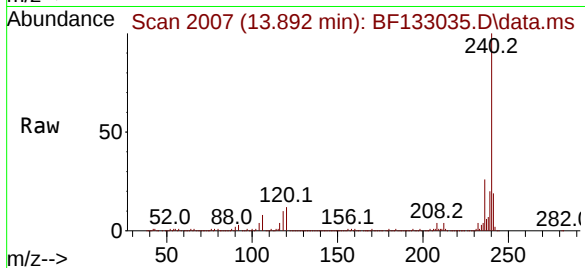
Tgt Ion:240 Resp: 481043

Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 26.1 21.5 32.3



#77

Benzdine

Concen: 2.693 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.253 min

Lab File: BF133035.D

Acq: 25 Apr 2023 19:27

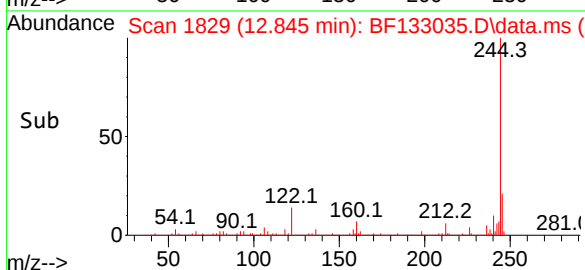
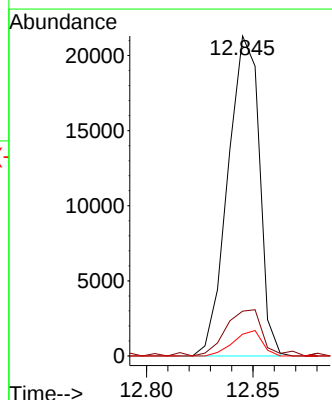
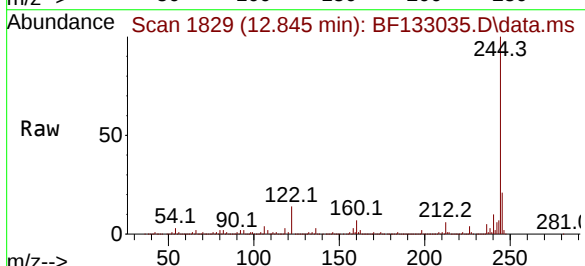
Tgt Ion:184 Resp: 21904

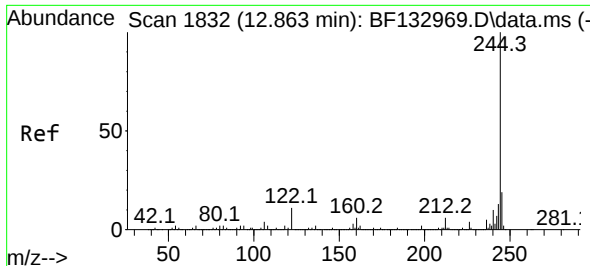
Ion Ratio Lower Upper

184 100

185 14.0 15.4 23.2#

183 6.8 9.4 14.0#

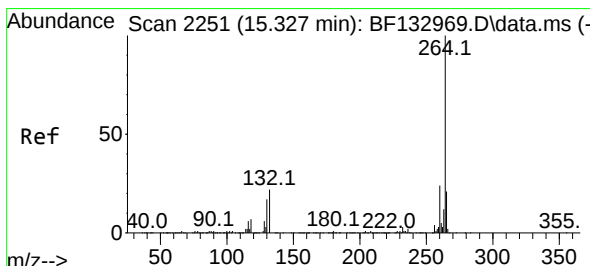
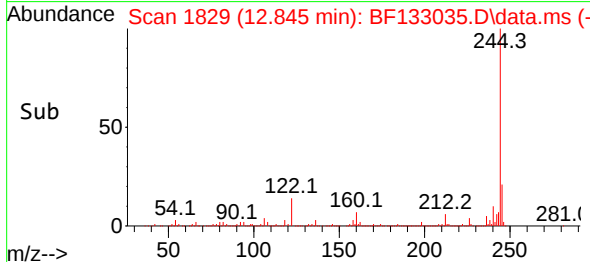
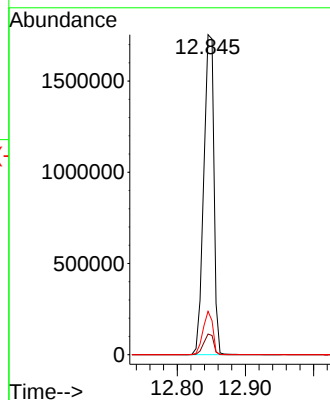
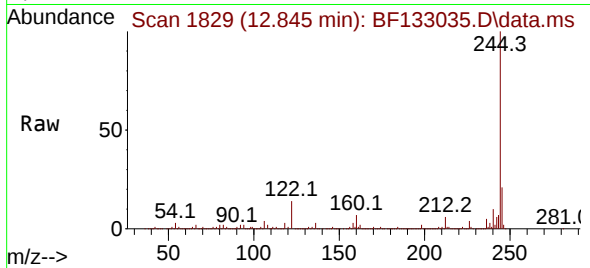




#79
 Terphenyl-d14
 Concen: 65.267 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)

Tgt Ion:244 Resp: 1820423
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 13.5 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133035.D
 Acq: 25 Apr 2023 19:27

Tgt Ion:264 Resp: 384072
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.7 17.0 25.4

