

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134809.D
 Acq On : 16 Aug 2023 15:21
 Operator : CG\JU
 Sample : 04020-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2

Quant Time: Aug 17 01:33:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

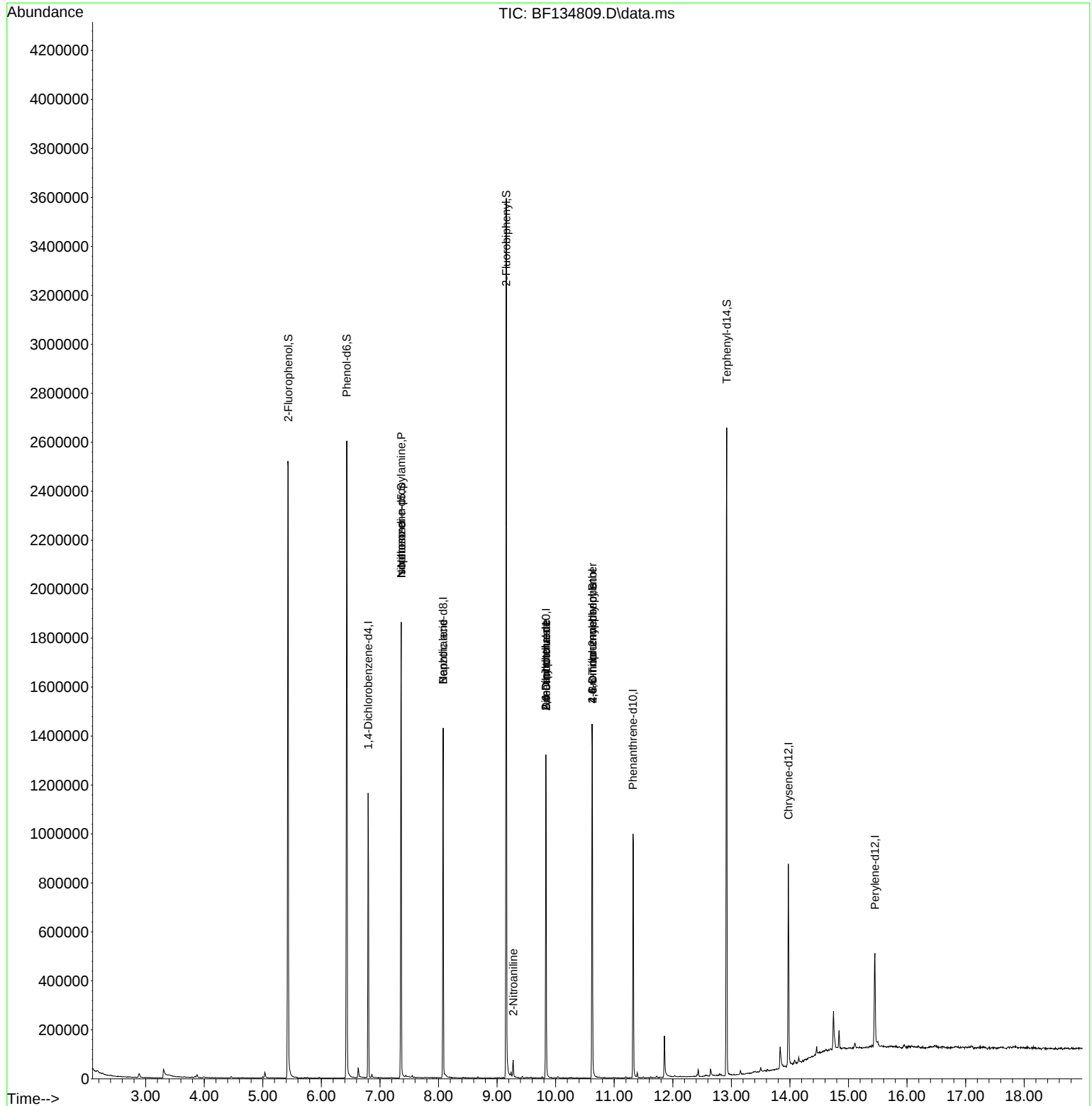
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154527	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	594852	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	260858	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	388826	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	271037	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	202302	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774275	76.166	ng	0.00
7) Phenol-d6	6.434	99	953235	73.355	ng	0.00
23) Nitrobenzene-d5	7.363	82	565375	59.396	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192272	72.304	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1033647	65.884	ng	0.00
79) Terphenyl-d14	12.921	244	966516	62.864	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	1431	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	75772	9.739	ng	# 72
25) Isophorone	7.363	82	555375	26.750	ng	# 65
32) Benzoic acid	8.081	122	80	7.878	ng	# 1
48) 2-Nitroaniline	9.275	65	736	3.311	ng	# 17
50) Dimethylphthalate	9.833	163	52826	2.971	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	33600	11.240	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	33594	10.032	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	453	8.935	ng	# 21
67) 4-Bromophenyl-phenylether	10.628	248	11888	2.793	ng	# 1

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

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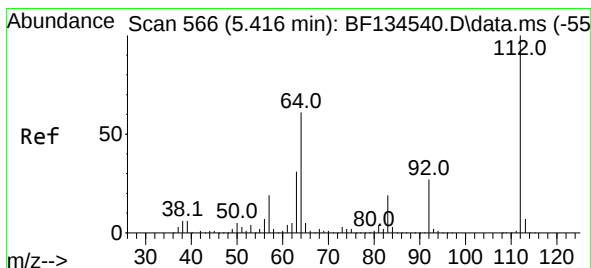
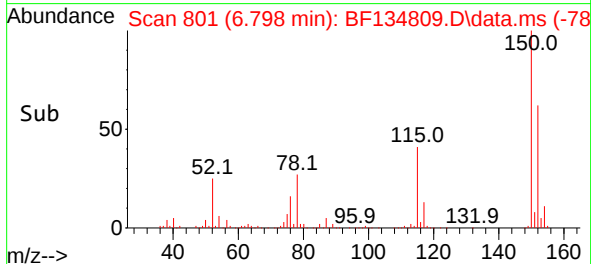
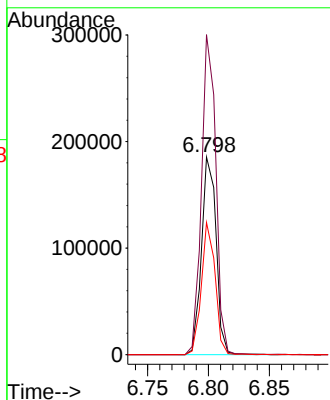
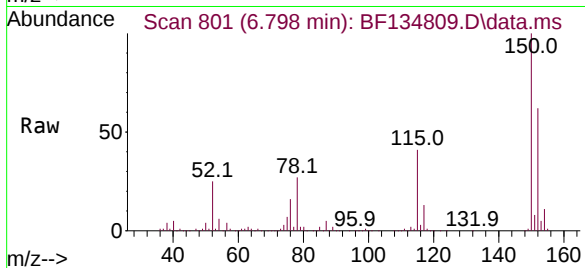




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

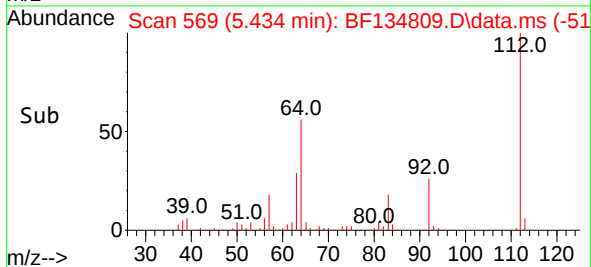
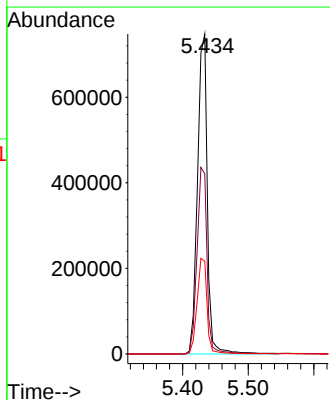
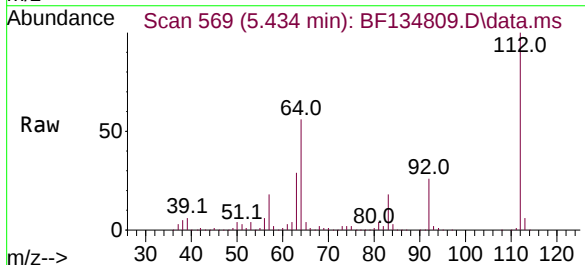
Instrument :
BNA_F
ClientSampleId :
E-2

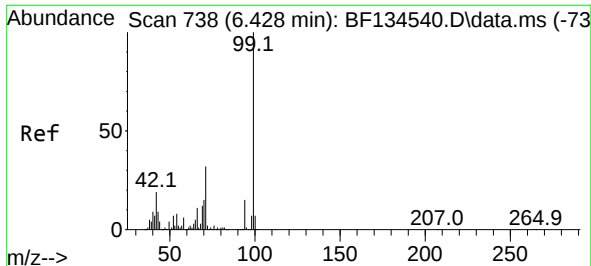
Tgt Ion:152 Resp: 154527
Ion Ratio Lower Upper
152 100
150 162.0 128.3 192.5
115 66.9 52.4 78.6



#5
2-Fluorophenol
Concen: 76.166 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:112 Resp: 774275
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 28.9 25.4 38.0

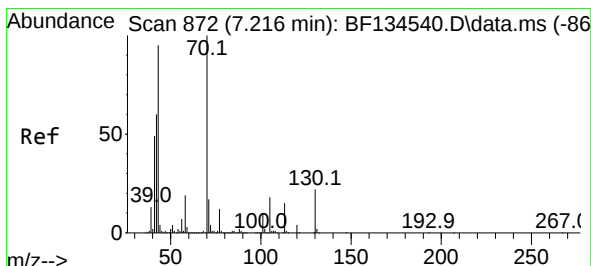
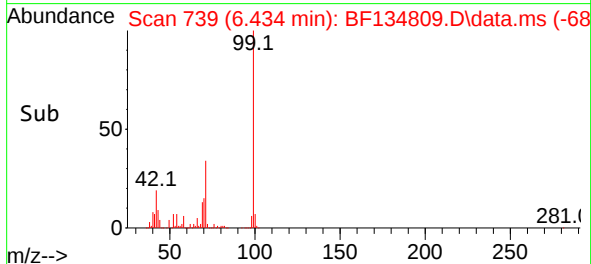
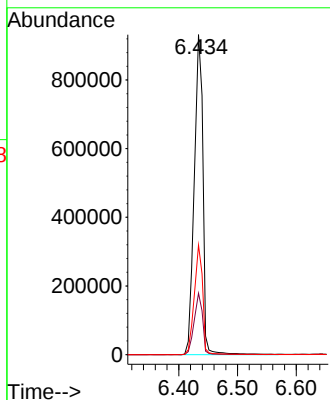
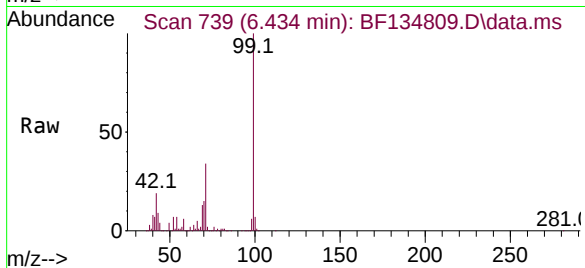




#7
Phenol-d6
Concen: 73.355 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

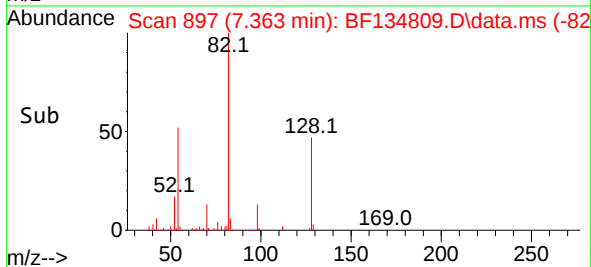
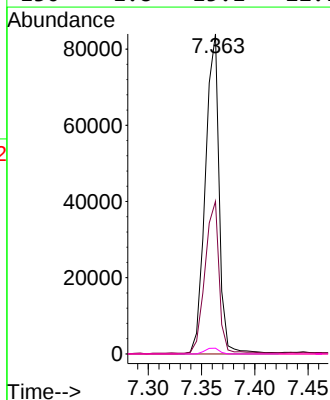
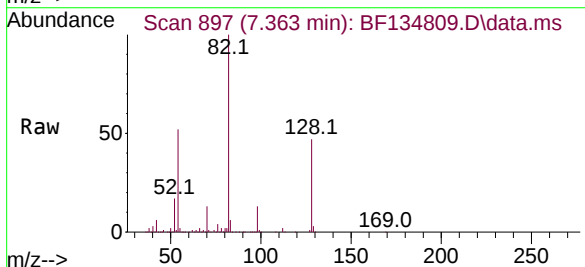
Instrument :
BNA_F
ClientSampleId :
E-2

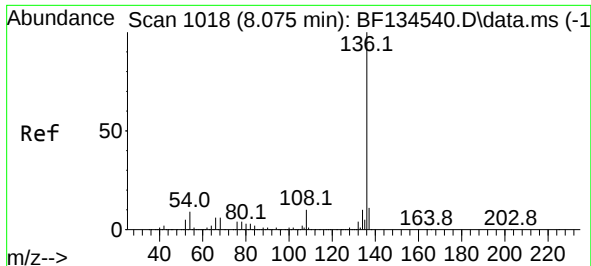
Tgt Ion: 99 Resp: 953235
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.739 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion: 70 Resp: 75772
Ion Ratio Lower Upper
70 100
42 47.7 54.7 82.1#
101 0.0 8.2 12.2#
130 1.8 15.1 22.7#

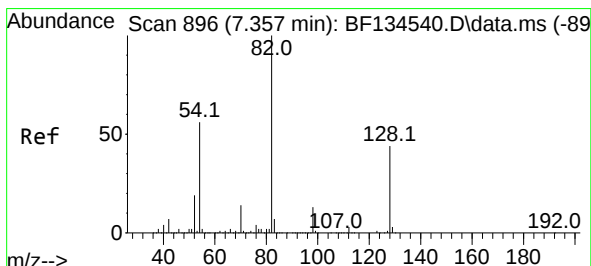
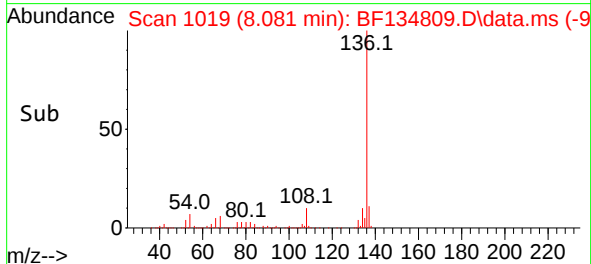
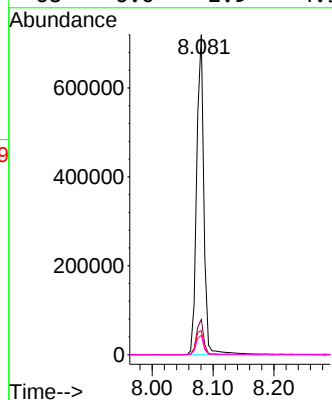
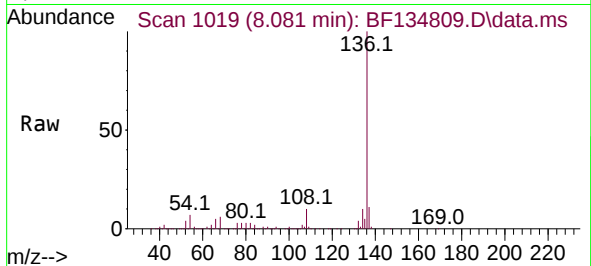




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

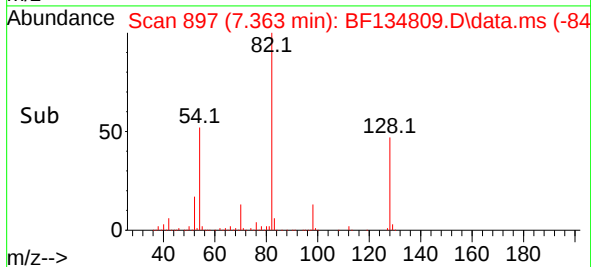
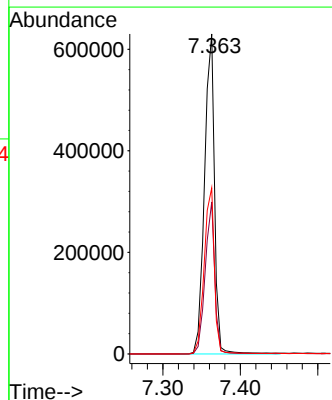
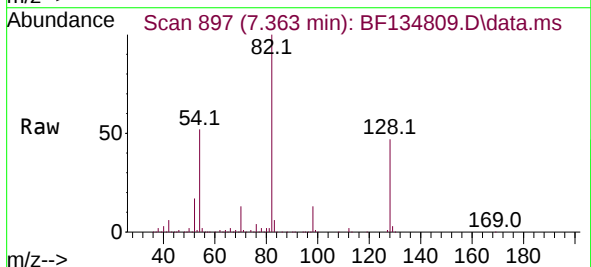
Instrument :
BNA_F
ClientSampleId :
E-2

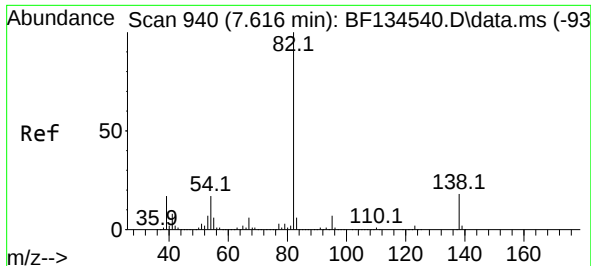
Tgt Ion:	136	Resp:	594852
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	7.5	5.2	7.8
68	6.0	2.9	4.3



#23
Nitrobenzene-d5
Concen: 59.396 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:	82	Resp:	565375
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.3	51.5
54	51.9	43.8	65.6

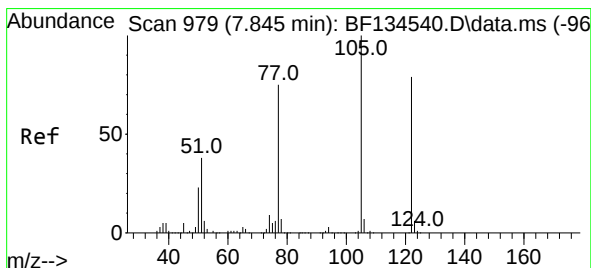
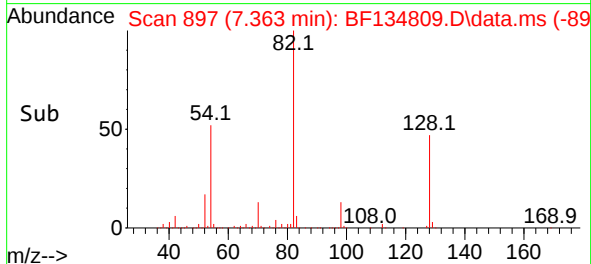
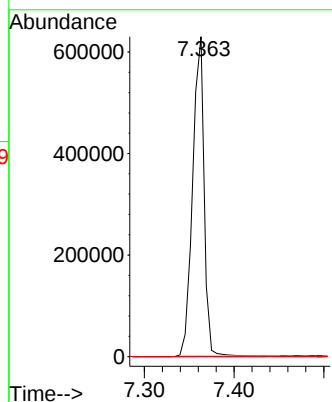
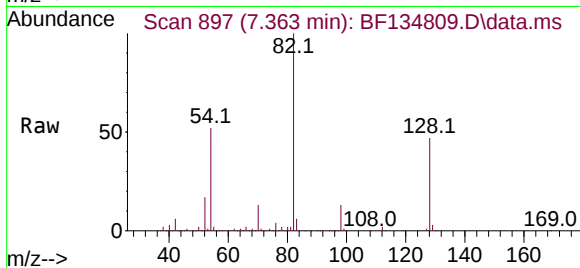




#25
Isophorone
Concen: 26.750 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

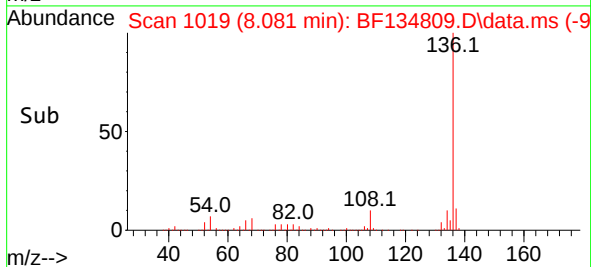
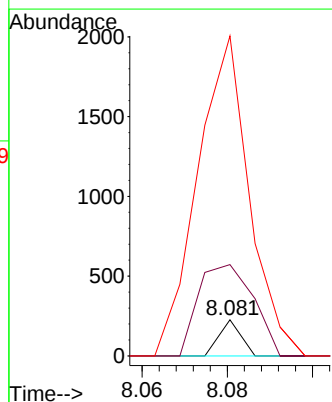
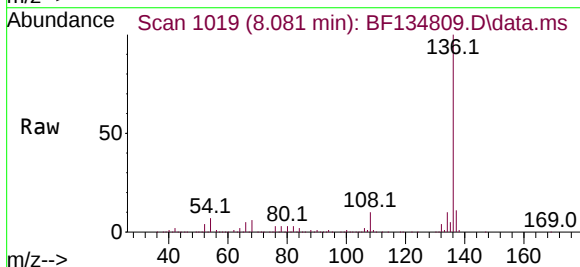
Instrument :
BNA_F
ClientSampleId :
E-2

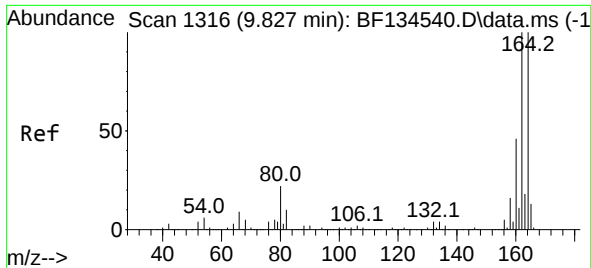
Tgt Ion: 82 Resp: 555375
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.878 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 253.1 87.5 127.5#
77 887.6 71.4 111.4#

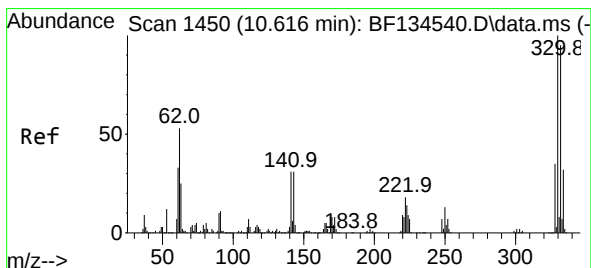
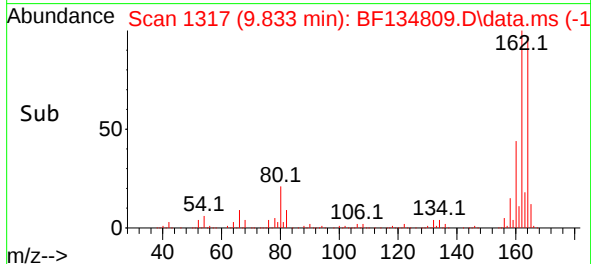
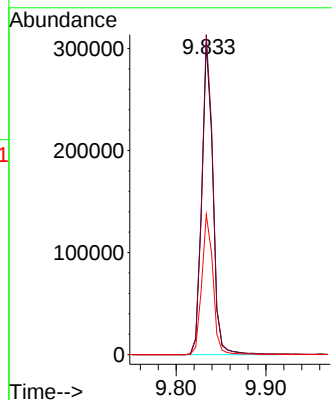
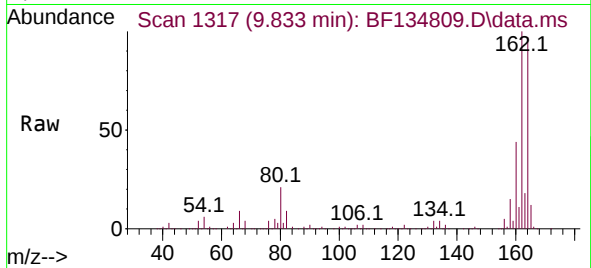




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

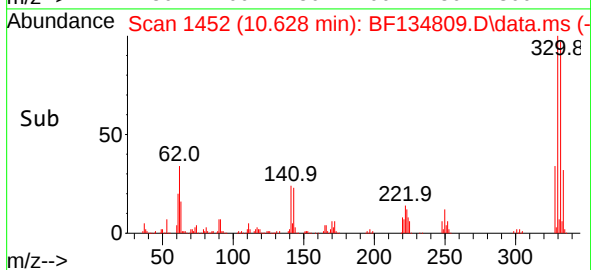
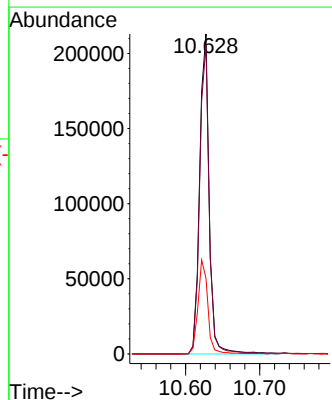
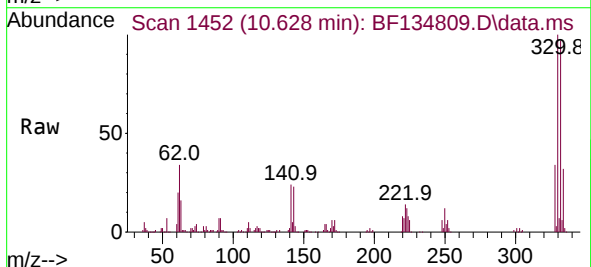
Instrument :
BNA_F
ClientSampleId :
E-2

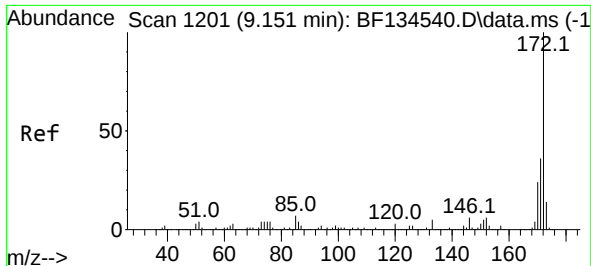
Tgt Ion:164 Resp: 260858
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 44.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 72.304 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:330 Resp: 192272
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 65.884 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

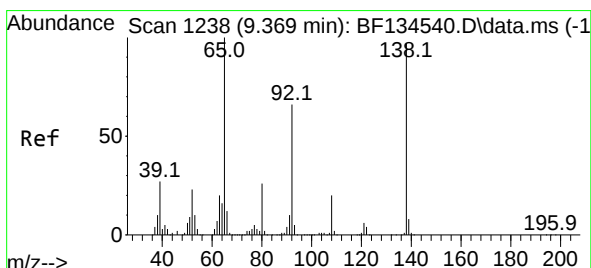
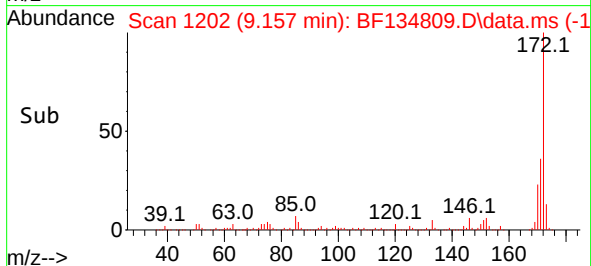
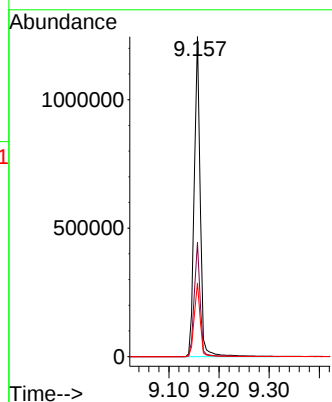
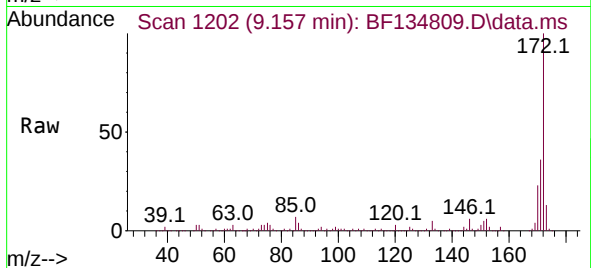
Tgt Ion:172 Resp: 1033647

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.0 18.7 28.1



#48

2-Nitroaniline

Concen: 3.311 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

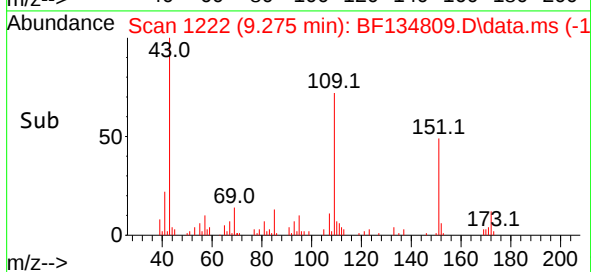
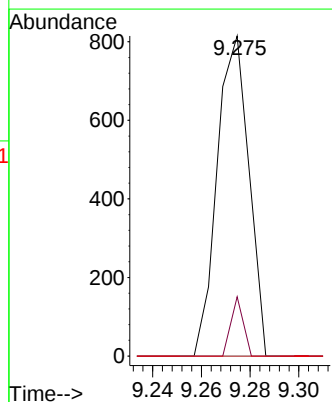
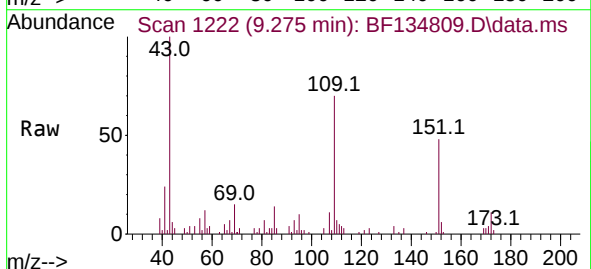
Tgt Ion: 65 Resp: 736

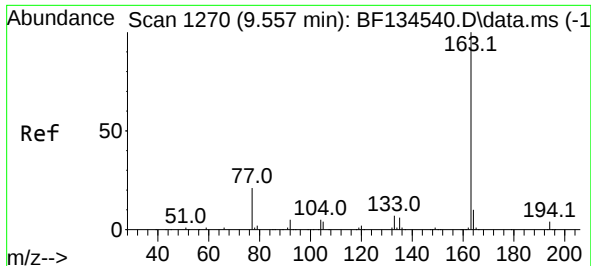
Ion Ratio Lower Upper

65 100

92 18.5 50.7 76.1#

138 0.0 78.2 117.4#

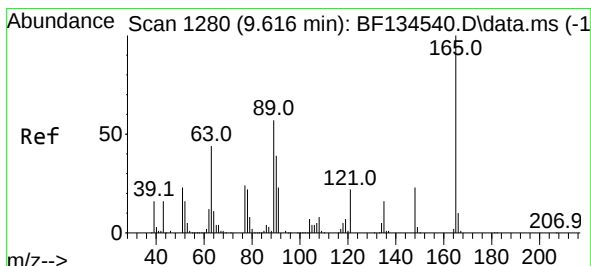
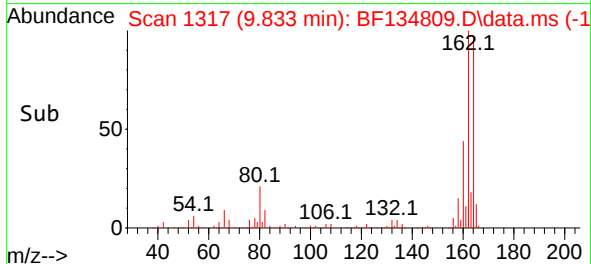
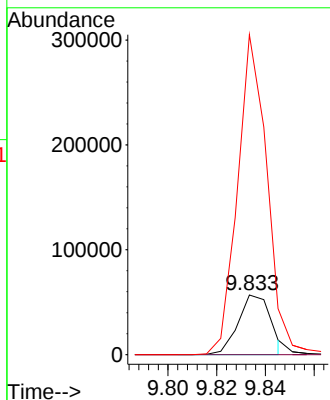
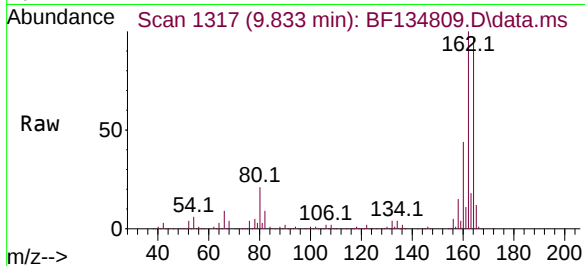




#50
Dimethylphthalate
Concen: 2.971 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

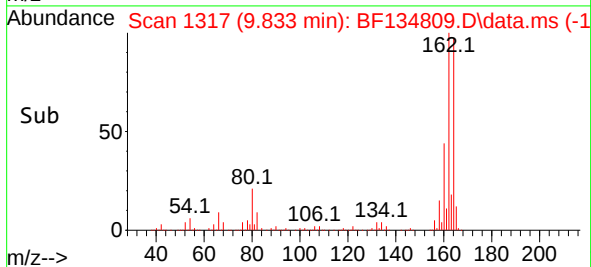
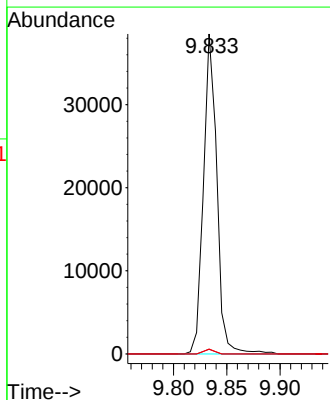
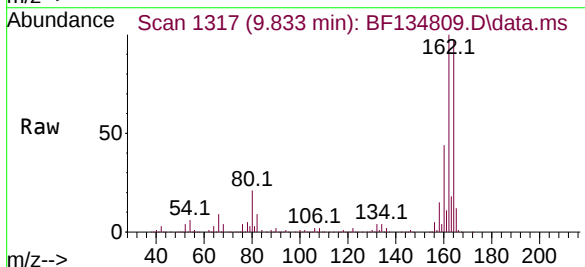
Instrument :
BNA_F
ClientSampleId :
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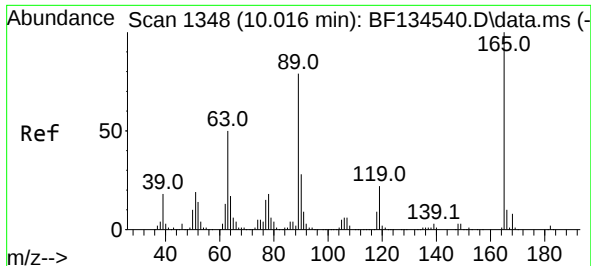
Tgt Ion:163 Resp: 52826
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 536.3 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.240 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:165 Resp: 33600
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.5 51.8 77.8#

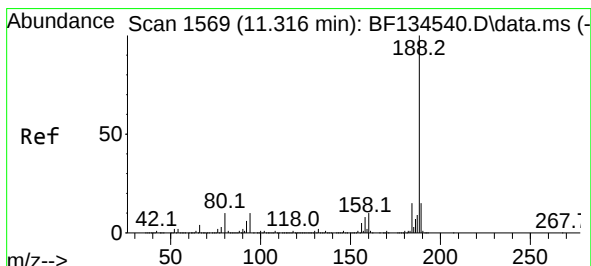
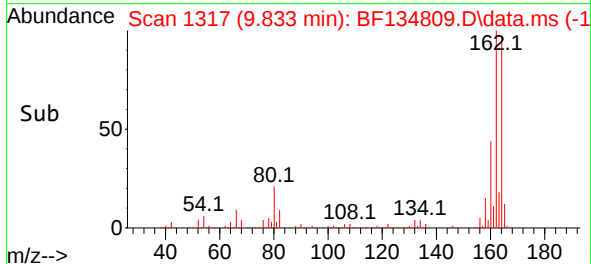
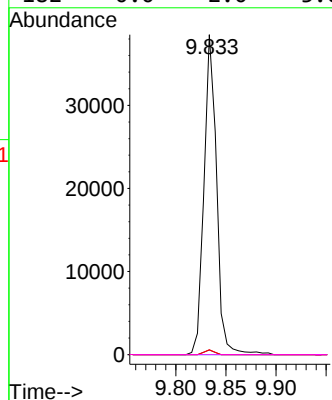
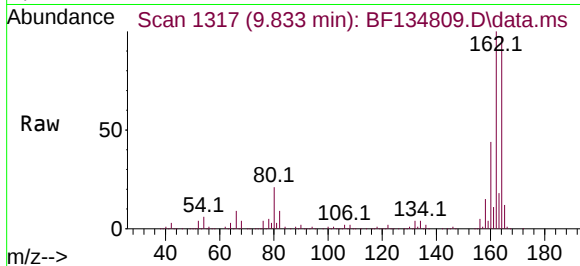




#57
2,4-Dinitrotoluene
Concen: 10.032 ng
RT: 9.833 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

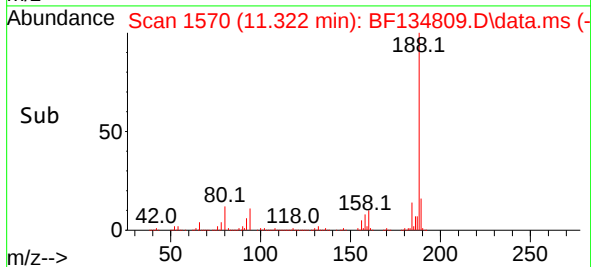
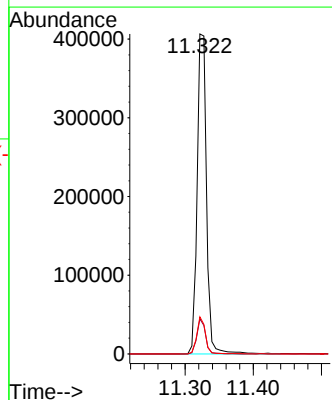
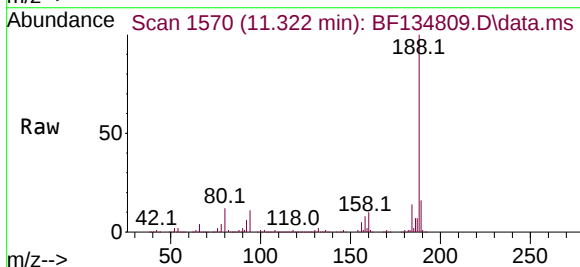
Instrument :
BNA_F
ClientSampleId :
E-2

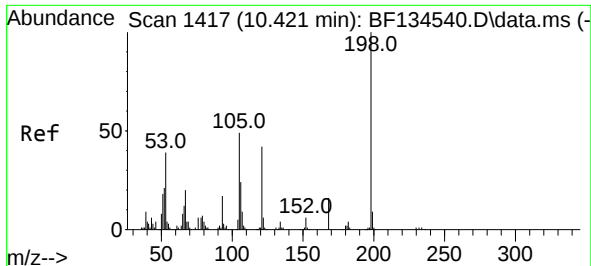
Tgt Ion:165	Resp:	33594
Ion Ratio	Lower	Upper
165	100	
63	1.4	48.9 73.3#
89	1.5	61.7 92.5#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:188	Resp:	388826
Ion Ratio	Lower	Upper
188	100	
94	10.9	5.1 7.7#
80	11.6	6.6 9.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.935 ng

RT: 10.628 min Scan# 1417

Delta R.T. 0.188 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

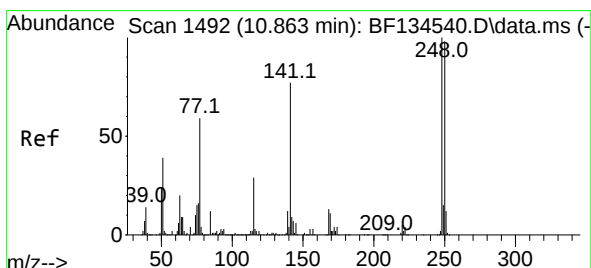
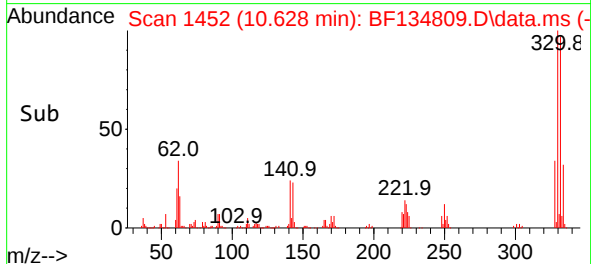
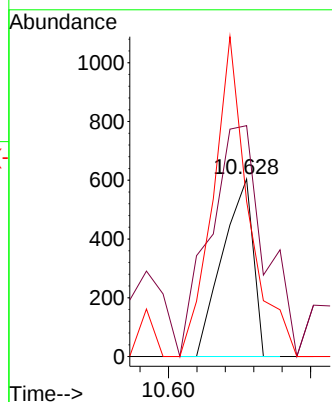
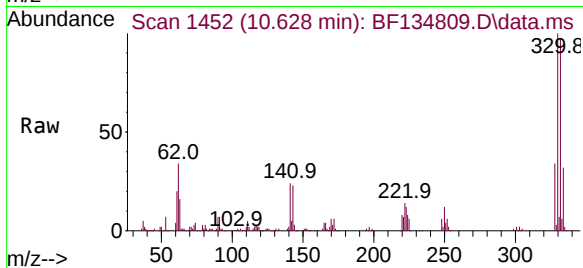
Tgt Ion:198 Resp: 453

Ion Ratio Lower Upper

198 100

51 130.1 38.6 78.6#

105 87.6 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 2.793 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.241 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

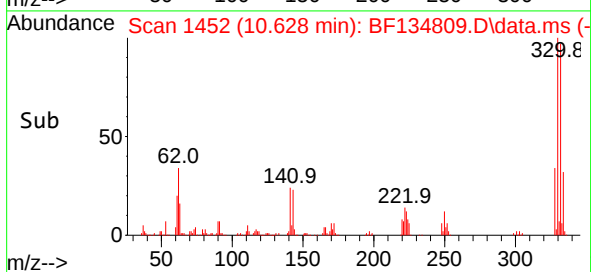
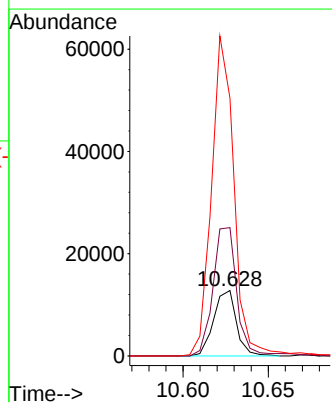
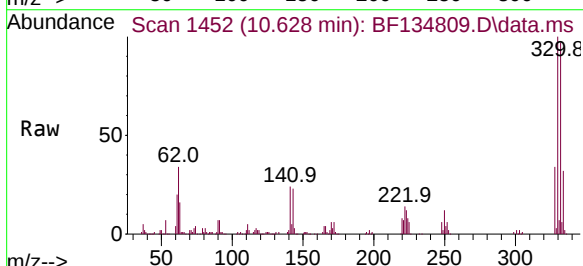
Tgt Ion:248 Resp: 11888

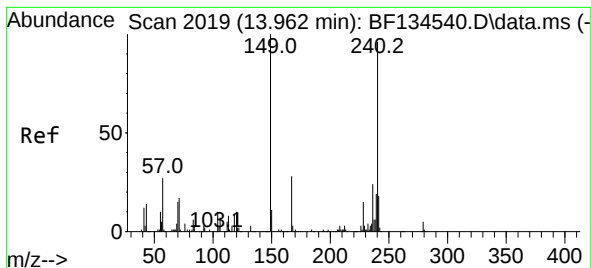
Ion Ratio Lower Upper

248 100

250 196.3 79.6 119.4#

141 394.2 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

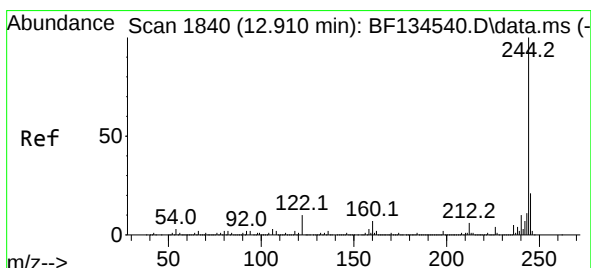
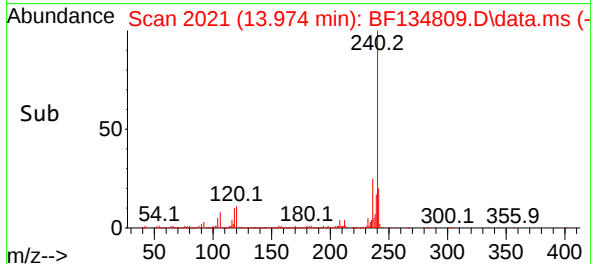
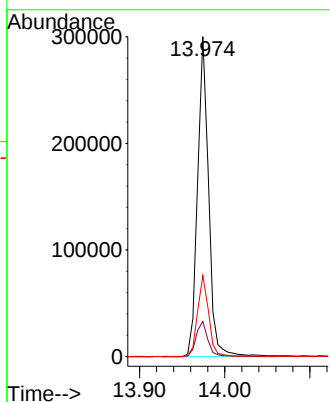
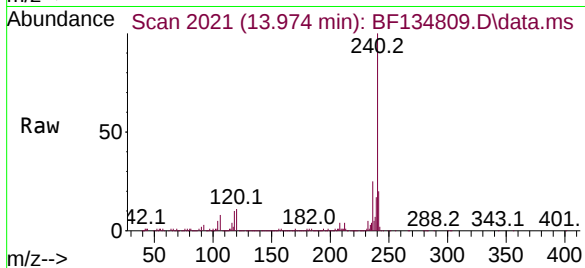
Tgt Ion:240 Resp: 271037

Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 62.864 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

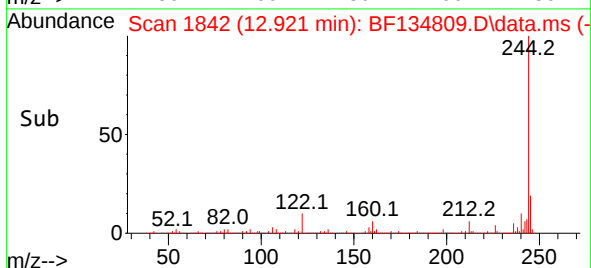
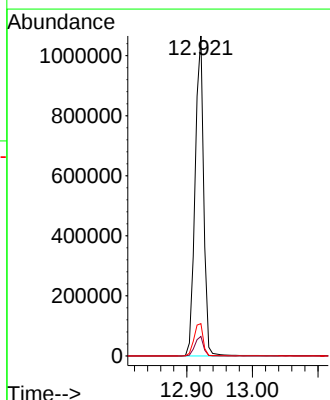
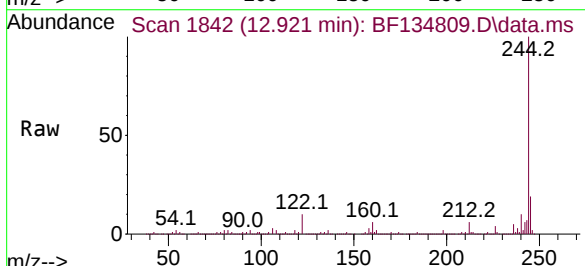
Tgt Ion:244 Resp: 966516

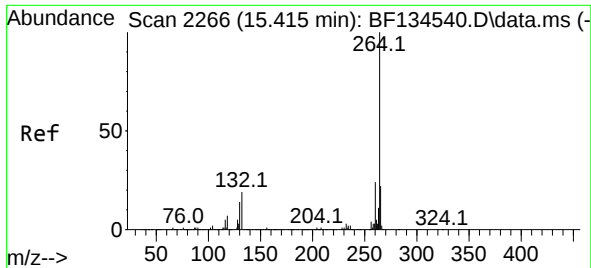
Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF134809.D
 Acq: 16 Aug 2023 15:21

Instrument :
 BNA_F
 ClientSampleId :
 E-2

Tgt Ion:264 Resp: 202302
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.6 15.8 23.8

