

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134112.D
 Acq On : 06 Jul 2023 23:38
 Operator : CG\JU
 Sample : 03492-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

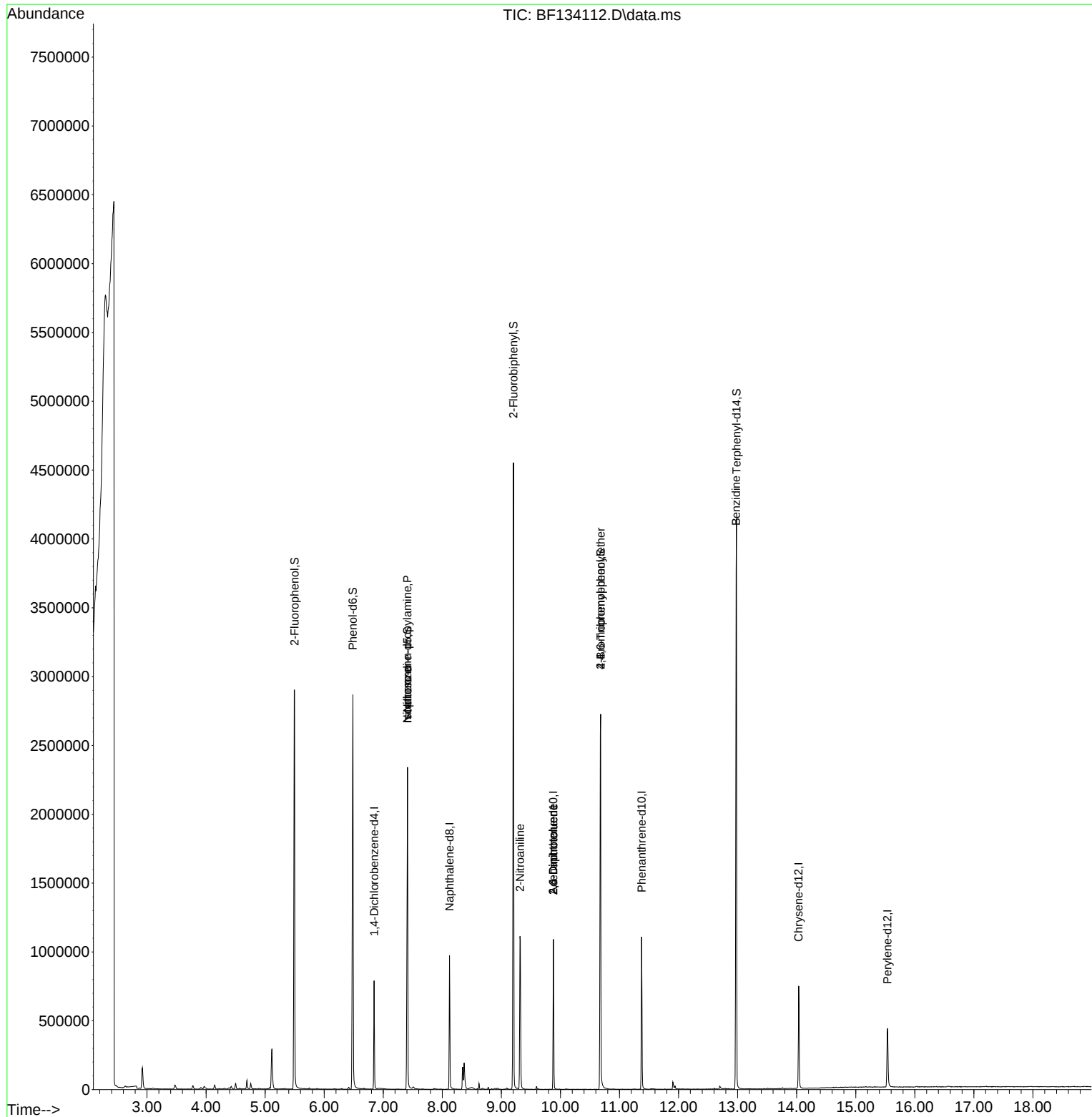
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106352	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	401478	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	197934	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	391653	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	262254	20.000	ng	-0.02
86) Perylene-d12	15.539	264	224195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	836704	131.602	ng	0.01
7) Phenol-d6	6.487	99	951536	121.697	ng	0.00
23) Nitrobenzene-d5	7.410	82	741763	99.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	381626	153.776	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1338467	98.315	ng	0.00
79) Terphenyl-d14	12.980	244	1578824	96.890	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	1651	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	106409	21.460	ng	# 78
25) Isophorone	7.410	82	741756	54.799	ng	# 64
48) 2-Nitroaniline	9.316	65	13507	3.190	ng	# 15
51) 2,6-Dinitrotoluene	9.880	165	25123	8.118	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	25123	6.147	ng	# 23
67) 4-Bromophenyl-phenylether	10.680	248	23394	5.620	ng	# 1
77) Benzidine	12.974	184	22561	3.615	ng	# 93

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

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ALS Vial : 13 Sample Multiplier: 1

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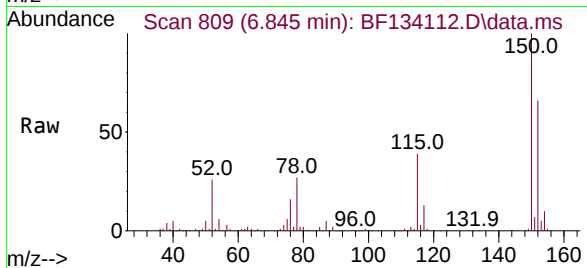
Quant Time: Jul 07 01:34:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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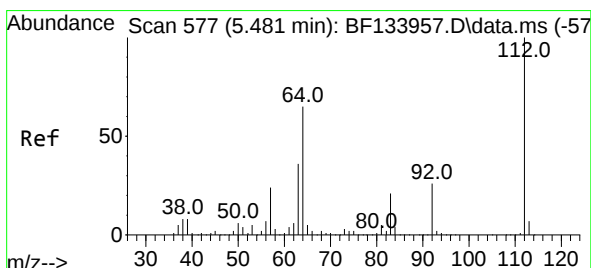
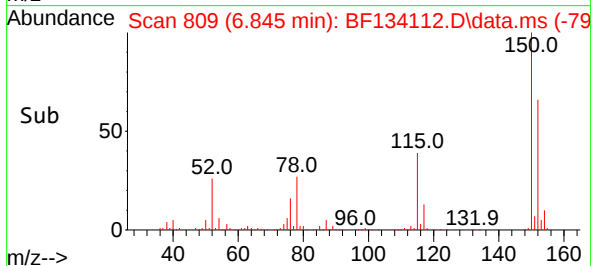
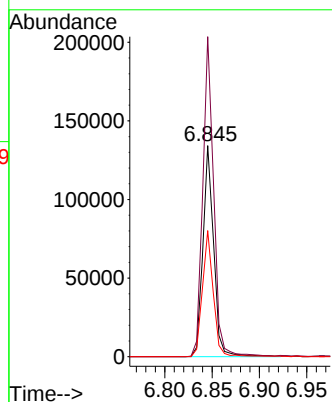


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Instrument :
BNA_F
ClientSampleId :

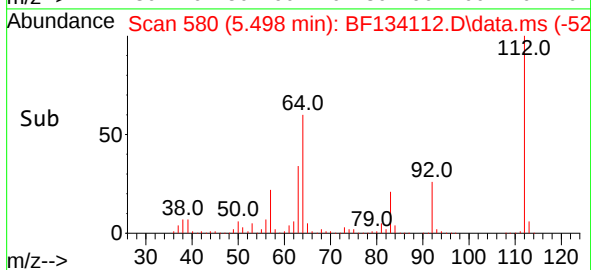
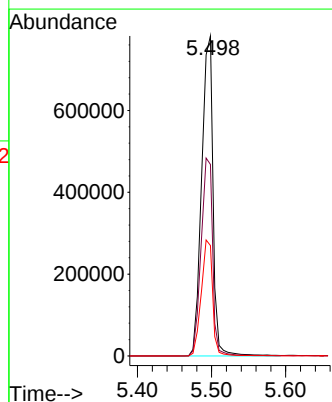
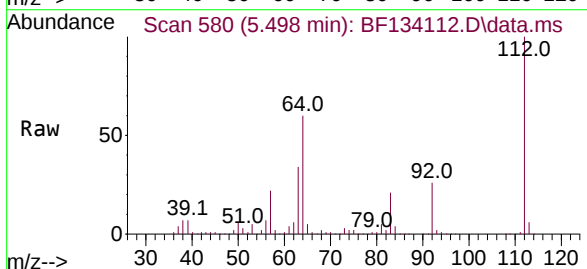


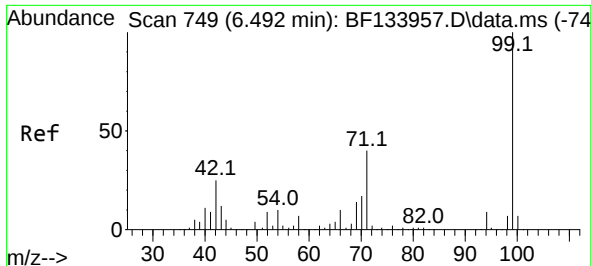
Tgt Ion:152 Resp: 106352
Ion Ratio Lower Upper
152 100
150 151.6 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 131.602 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

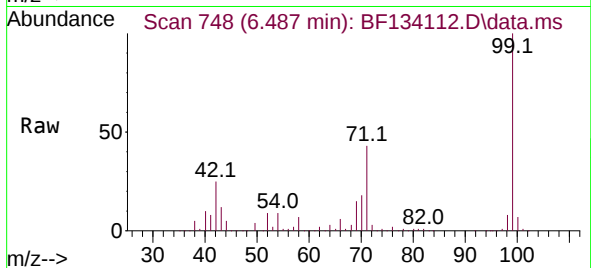
Tgt Ion:112 Resp: 836704
Ion Ratio Lower Upper
112 100
64 59.9 52.1 78.1
63 34.5 28.6 42.8



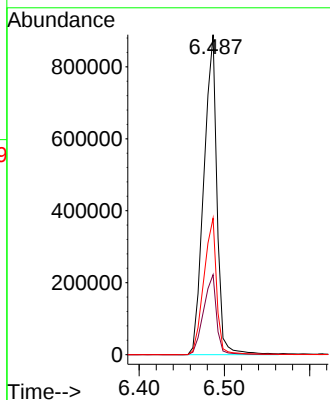
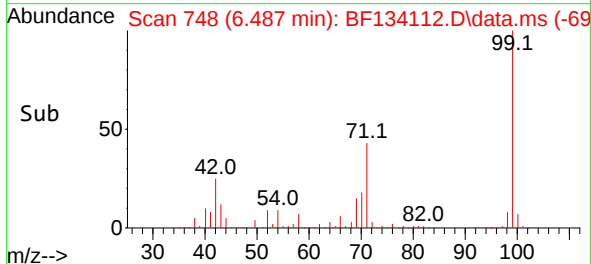


#7
Phenol-d6
Concen: 121.697 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

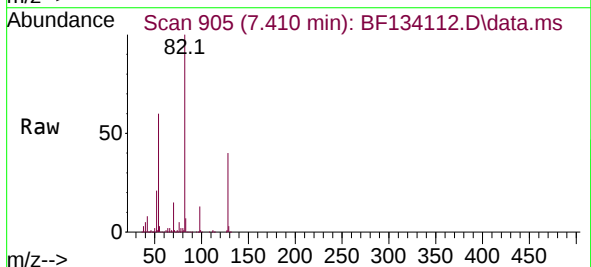
Instrument :
BNA_F
ClientSampleId :



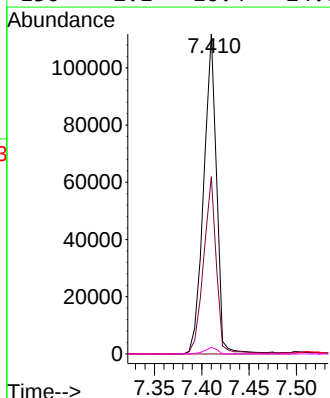
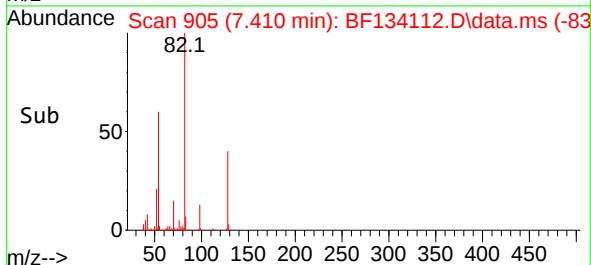
Tgt Ion: 99 Resp: 951536
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.6 31.9 47.9

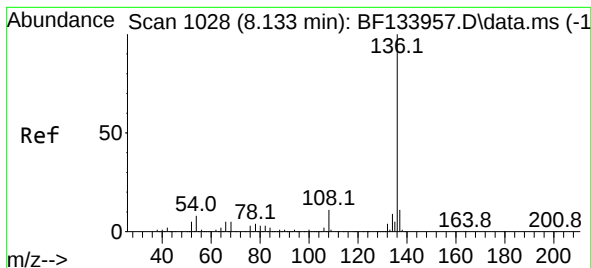


#19
n-Nitroso-di-n-propylamine
Concen: 21.460 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38



Tgt Ion: 70 Resp: 106409
Ion Ratio Lower Upper
70 100
42 55.4 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.012 min

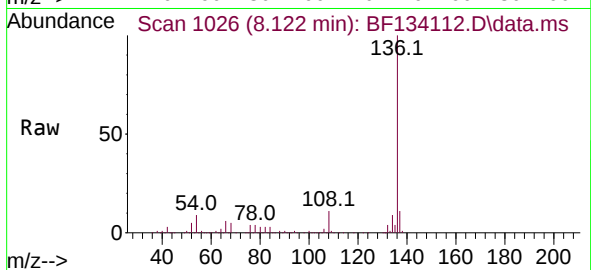
Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 401478

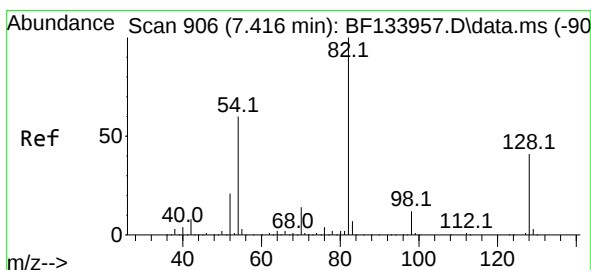
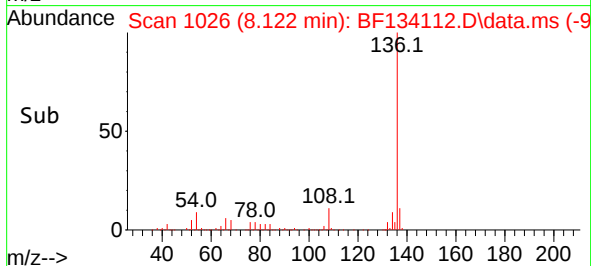
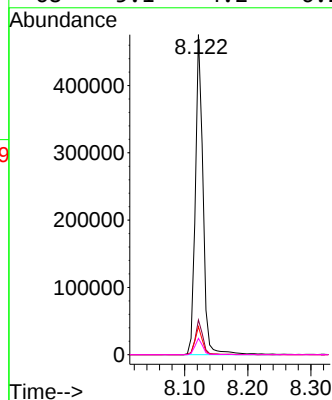
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.8 6.5 9.7

68 5.1 4.2 6.2



#23

Nitrobenzene-d5

Concen: 99.595 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

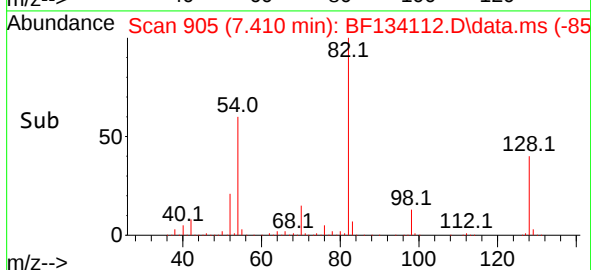
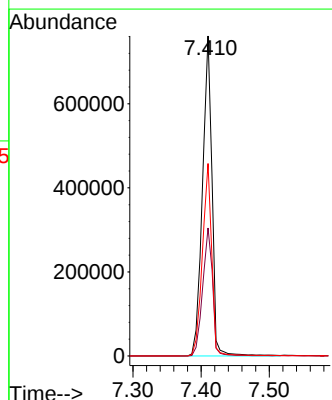
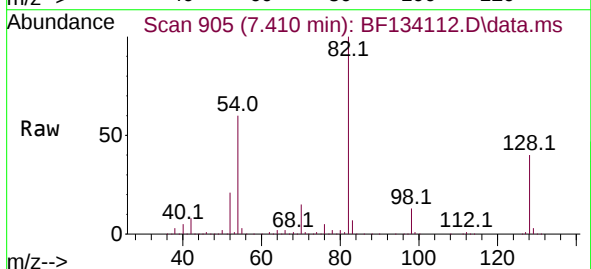
Tgt Ion: 82 Resp: 741763

Ion Ratio Lower Upper

82 100

128 40.0 32.5 48.7

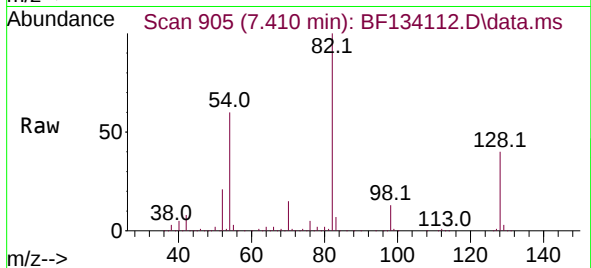
54 60.2 48.2 72.2



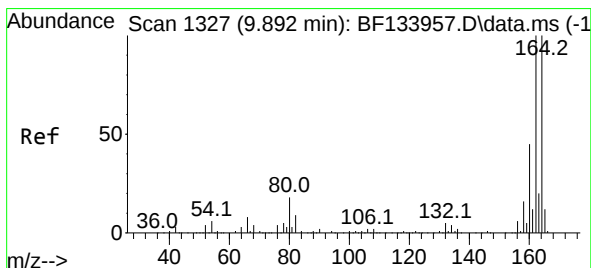
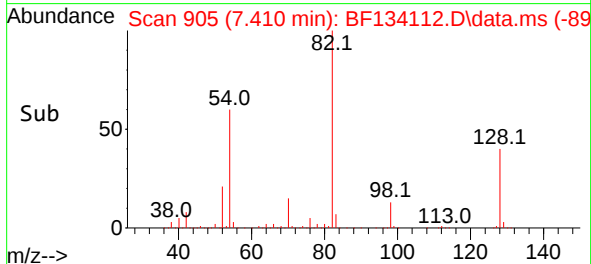
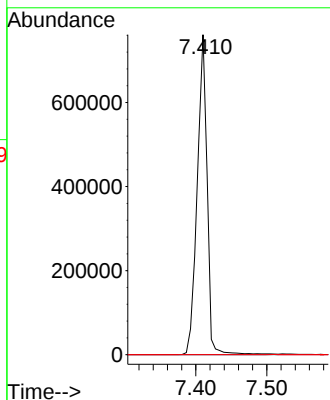


#25
Isophorone
Concen: 54.799 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Instrument :
BNA_F
ClientSampleId :

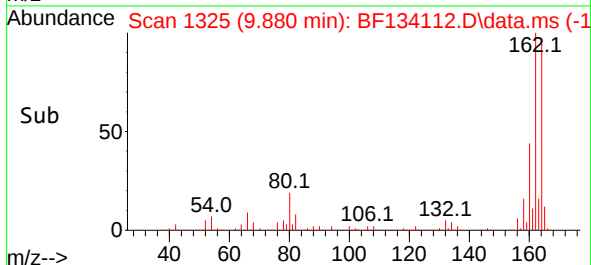
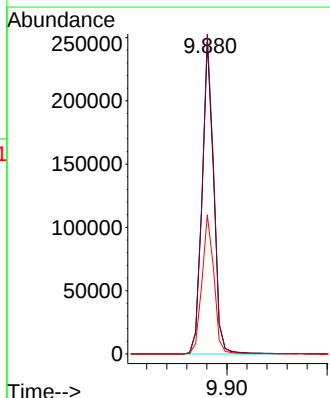
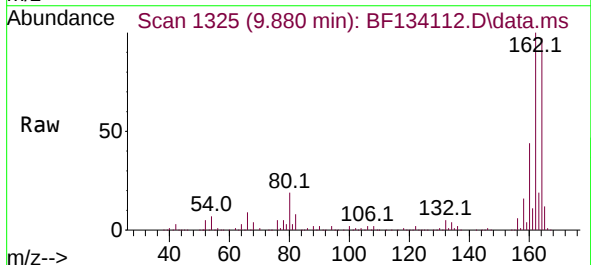


Tgt Ion: 82 Resp: 741756
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion:164 Resp: 197934
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 153.776 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

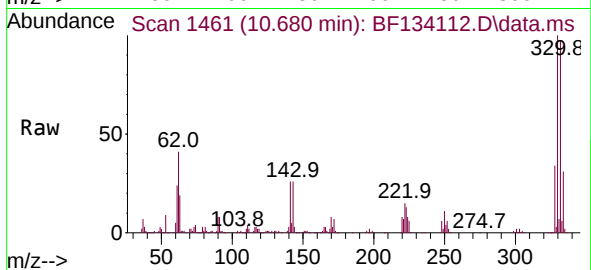
Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

Instrument :

BNA_F

ClientSampleId :



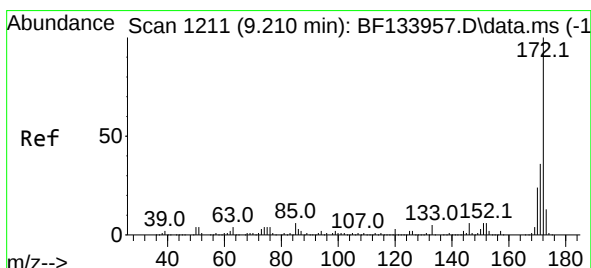
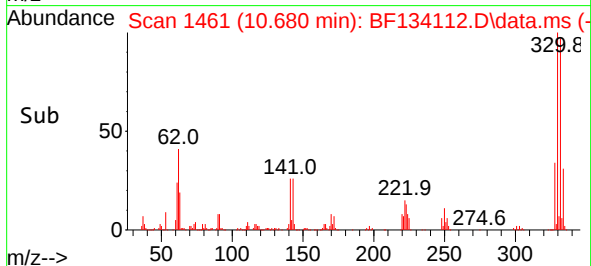
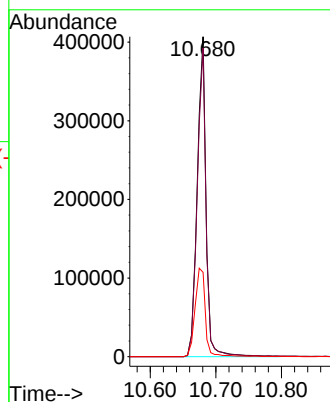
Tgt Ion:330 Resp: 381626

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 98.315 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

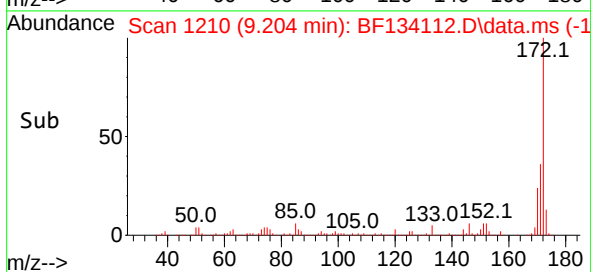
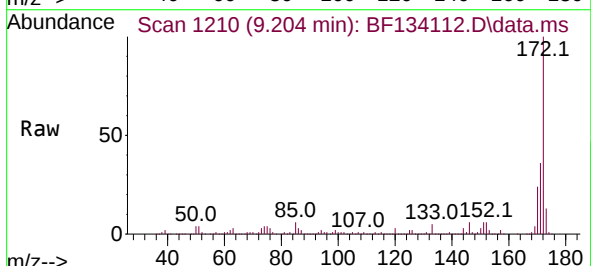
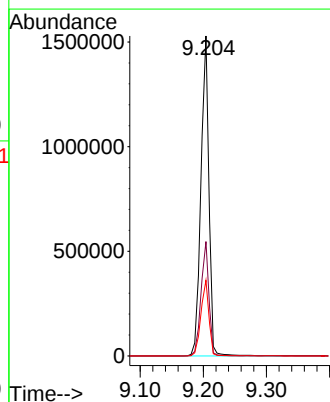
Tgt Ion:172 Resp: 1338467

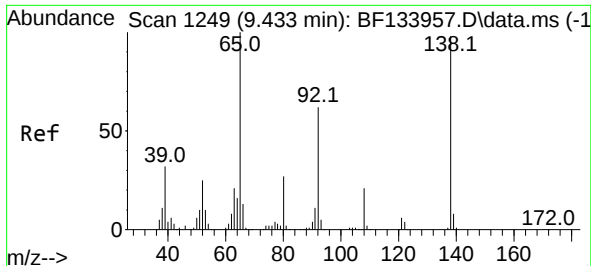
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.7 19.4 29.0

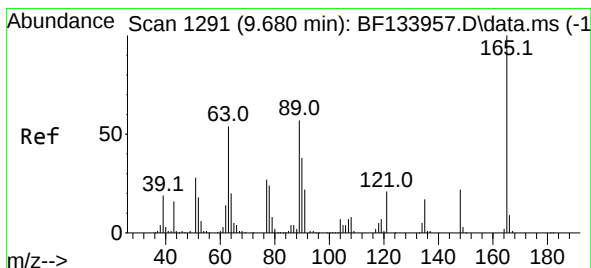
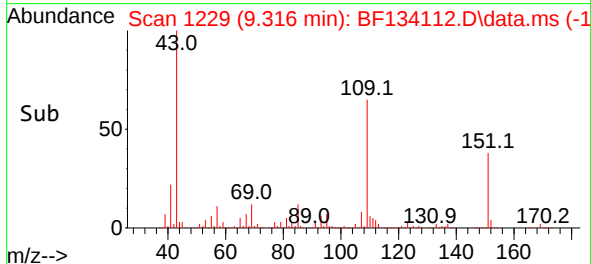
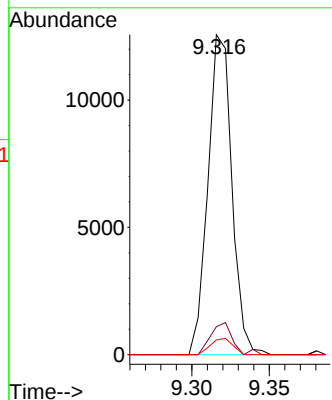
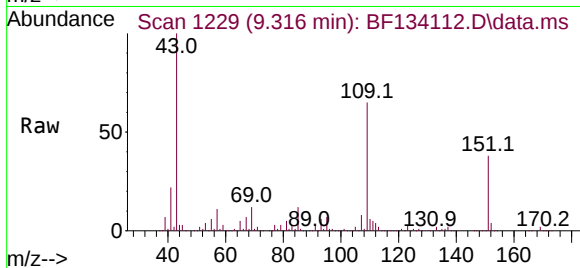




#48
2-Nitroaniline
Concen: 3.190 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.124 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

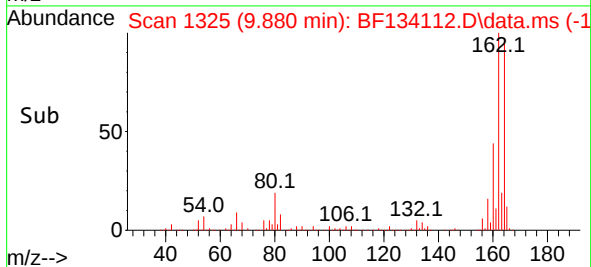
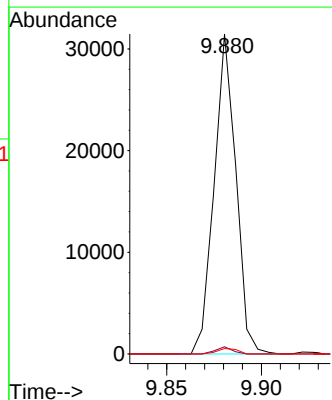
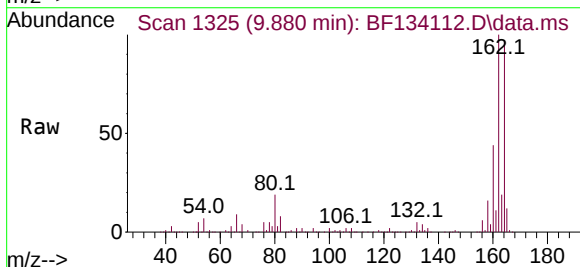
Instrument :
BNA_F
ClientSampleId :

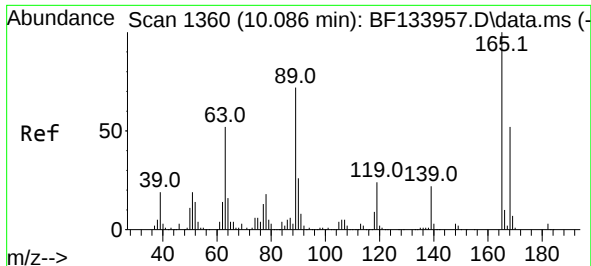
Tgt Ion: 65 Resp: 13507
Ion Ratio Lower Upper
65 100
92 8.7 49.5 74.3#
138 4.6 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.118 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

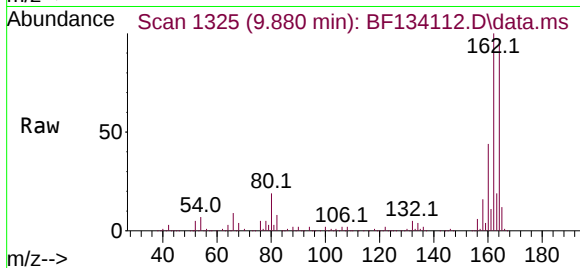
Tgt Ion:165 Resp: 25123
Ion Ratio Lower Upper
165 100
63 2.2 48.5 72.7#
89 1.7 45.5 68.3#



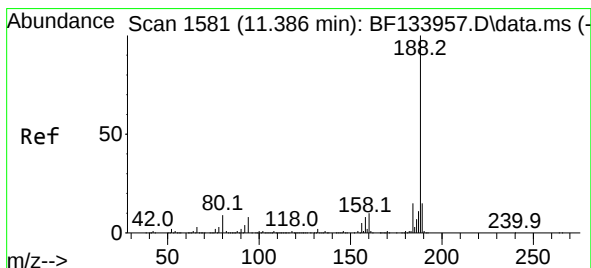
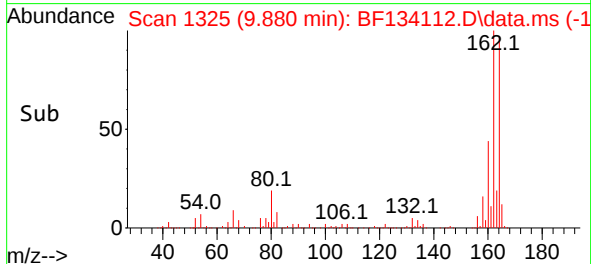
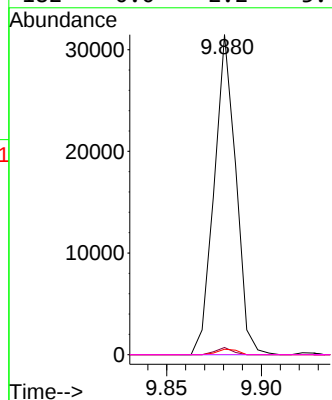


#57
2,4-Dinitrotoluene
Concen: 6.147 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Instrument :
BNA_F
ClientSampleId :

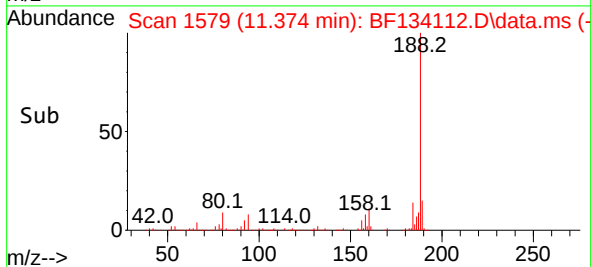
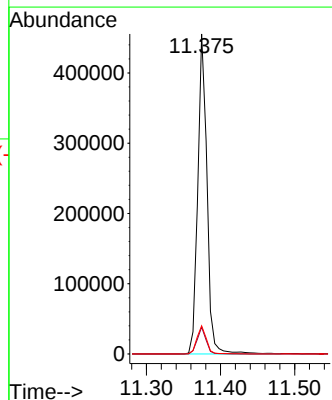
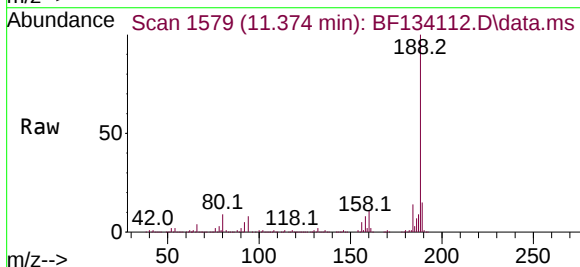


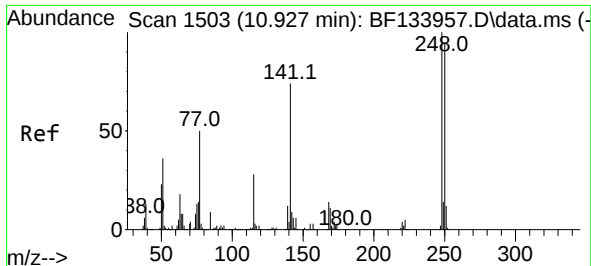
Tgt Ion:165 Resp: 25123
Ion Ratio Lower Upper
165 100
63 2.2 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion:188 Resp: 391653
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.8 7.3 10.9

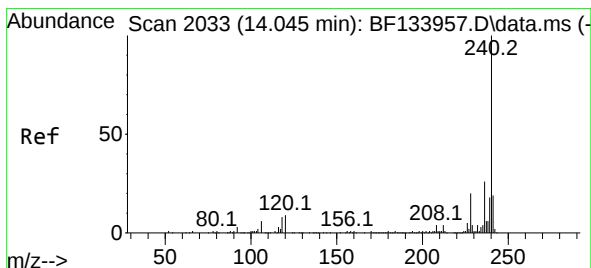
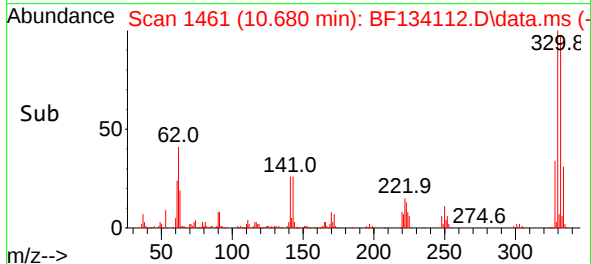
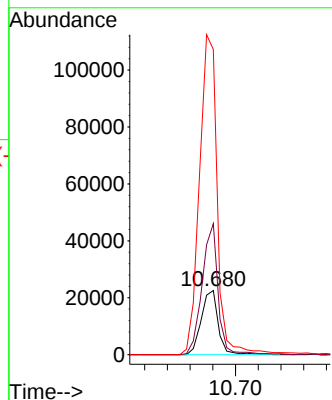
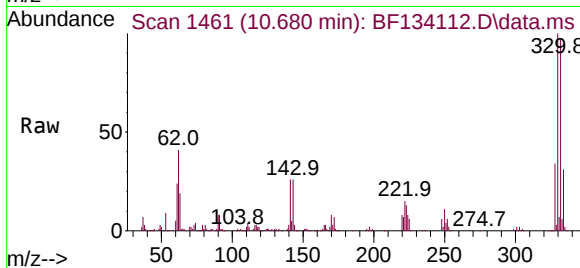




#67
4-Bromophenyl-phenylether
Concen: 5.620 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

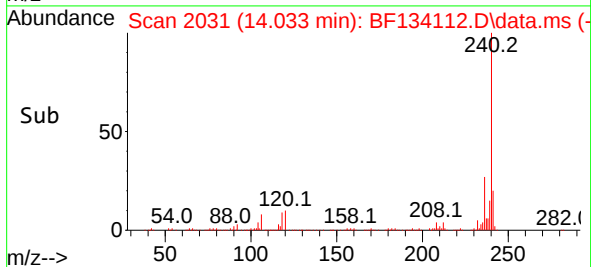
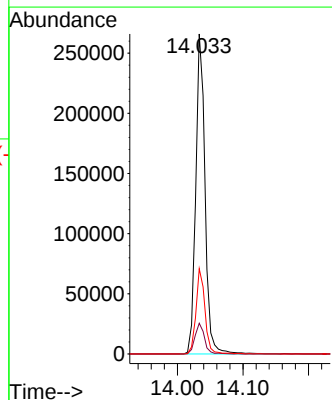
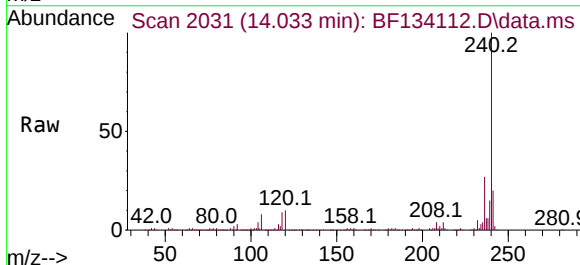
Instrument :
BNA_F
ClientSampleId :

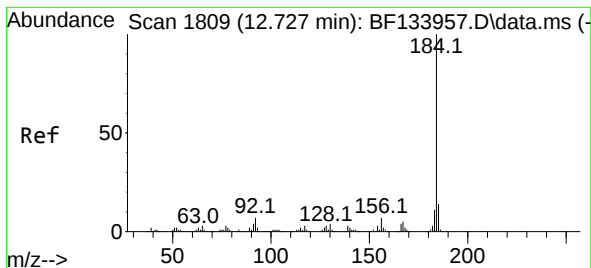
Tgt Ion:248 Resp: 23394
Ion Ratio Lower Upper
248 100
250 204.0 76.2 114.4#
141 475.4 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion:240 Resp: 262254
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.6 21.0 31.6





#77

Benzidine

Concen: 3.615 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF134112.D

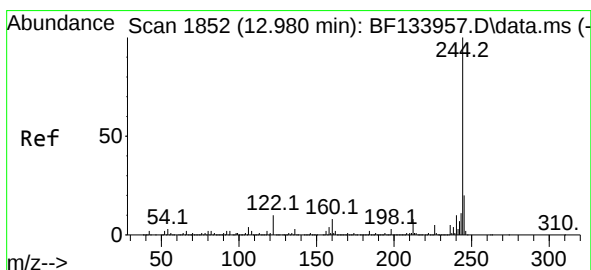
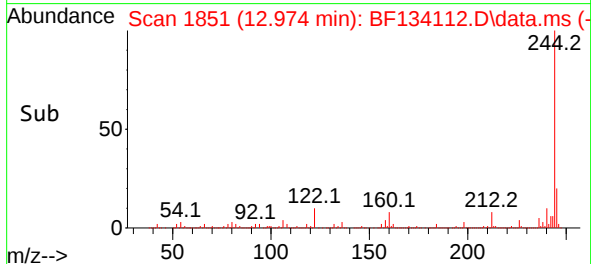
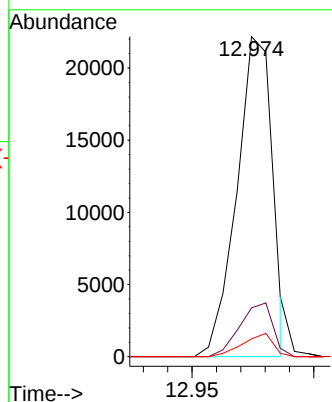
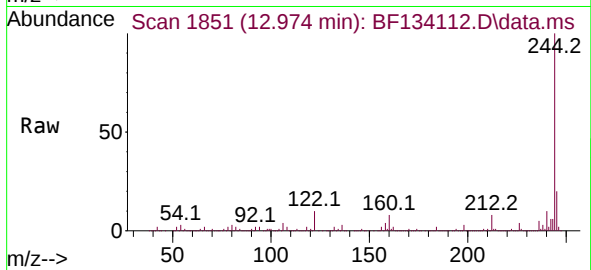
Acq: 06 Jul 2023 23:38

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	22561
Ion Ratio	Lower	Upper
184	100	
185	15.3	11.6 17.4
183	5.5	8.8 13.2#



#79

Terphenyl-d14

Concen: 96.890 ng

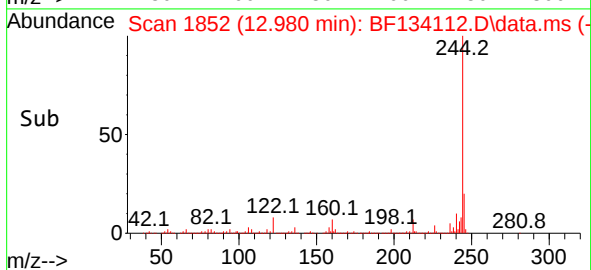
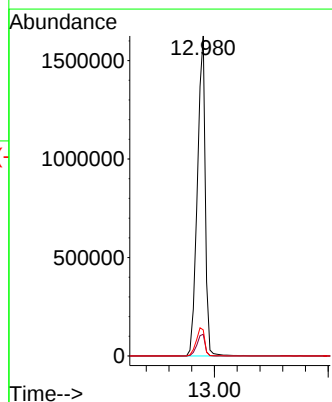
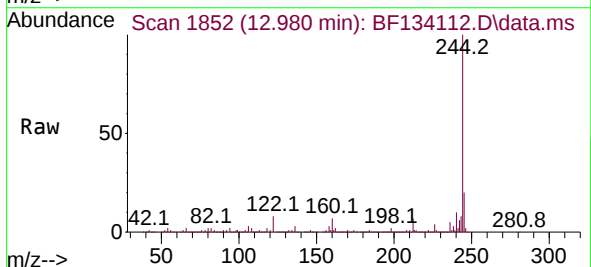
RT: 12.980 min Scan# 1852

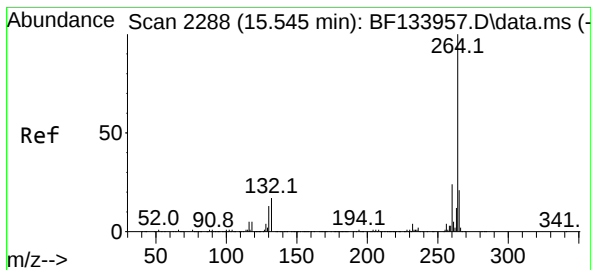
Delta R.T. -0.006 min

Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

Tgt Ion:244	Resp:	1578824
Ion Ratio	Lower	Upper
244	100	
212	6.8	6.0 9.0
122	8.2	8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

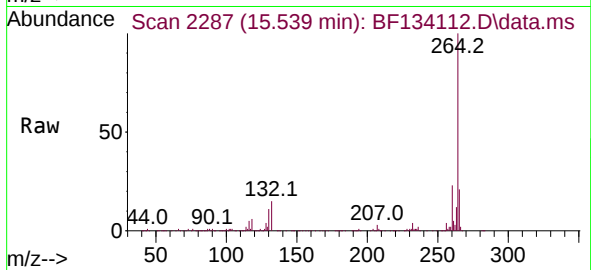
Lab File: BF134112.D

Acq: 06 Jul 2023 23:38

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 224195

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.7 16.6 25.0

