

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134154.D
 Acq On : 08 Jul 2023 18:16
 Operator : CG\JU
 Sample : 03510-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:38:53 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)

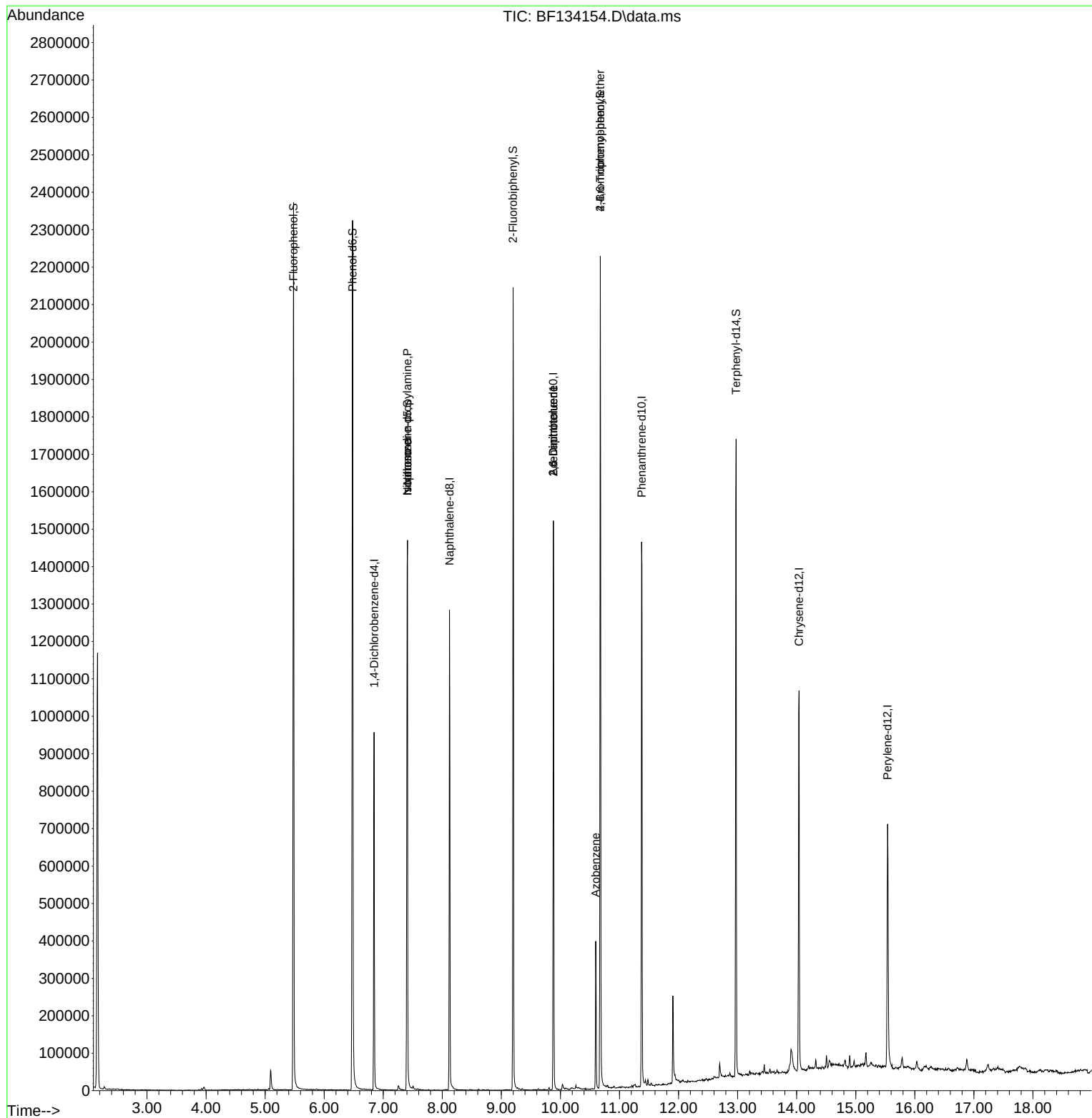
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	133670	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	539014	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	283990	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	577474	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	376988	20.000	ng	-0.01
86) Perylene-d12	15.539	264	326288	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	593103	74.222	ng	0.00
7) Phenol-d6	6.481	99	750722	76.392	ng	-0.01
23) Nitrobenzene-d5	7.410	82	485161	48.520	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	265934	74.687	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	632089	32.360	ng	-0.01
79) Terphenyl-d14	12.974	244	597473	25.507	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	180	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.410	70	67628	10.851	ng	# 73
25) Isophorone	7.410	82	485158	26.697	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	37824	8.519	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	37824	6.450	ng	# 22
63) Azobenzene	10.598	77	66304	3.264	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	16238	2.646	ng	# 1

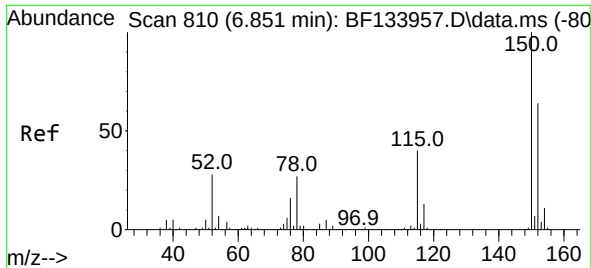
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134154.D
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Operator : CG\JU
Sample : 03510-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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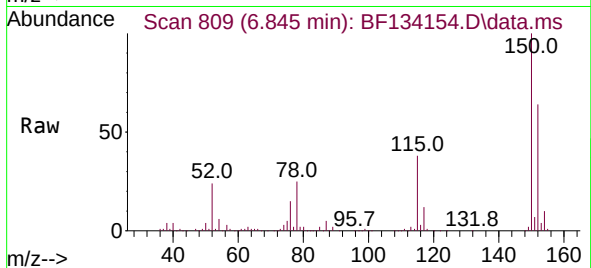
Quant Time: Jul 09 00:38:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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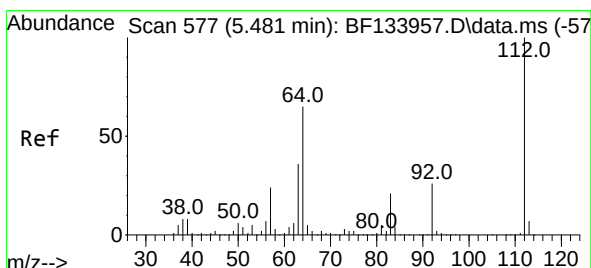
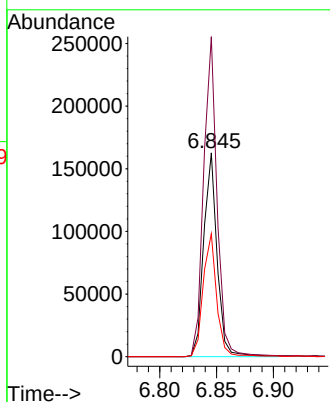
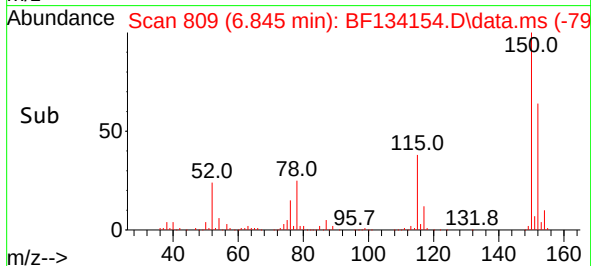


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

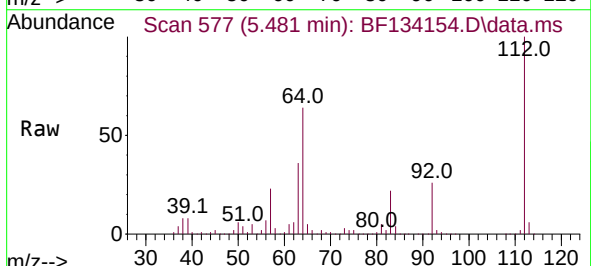
Instrument :
BNA_F
ClientSampleId :



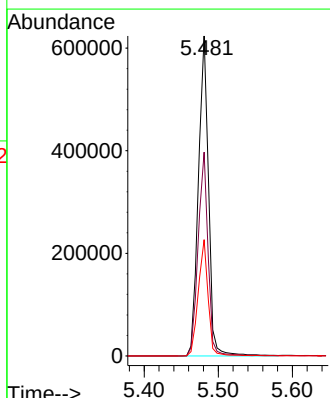
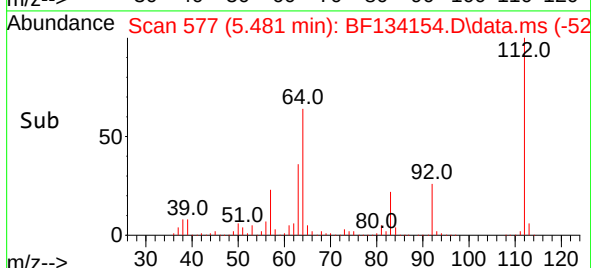
Tgt Ion:152 Resp: 133670
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 60.3 50.2 75.2

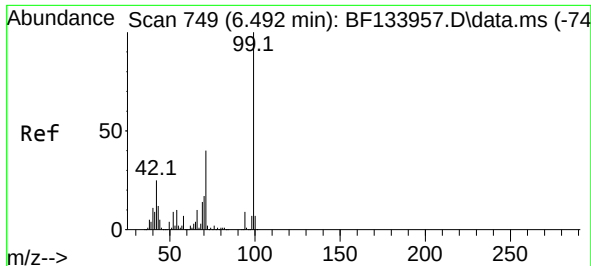


#5
2-Fluorophenol
Concen: 74.222 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16



Tgt Ion:112 Resp: 593103
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 36.4 28.6 42.8

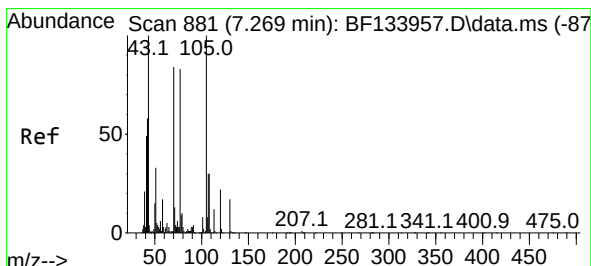
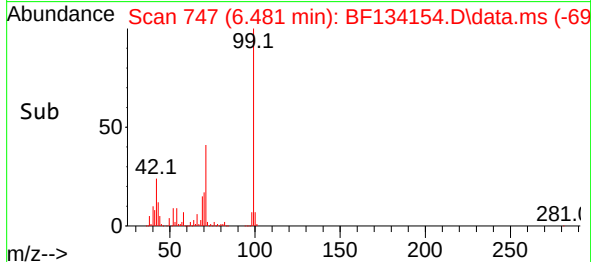
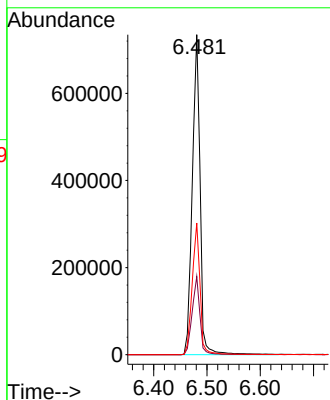
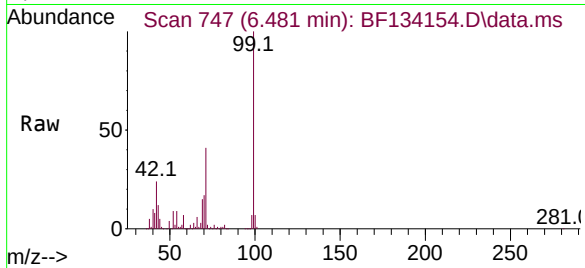




#7
Phenol-d6
Concen: 76.392 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

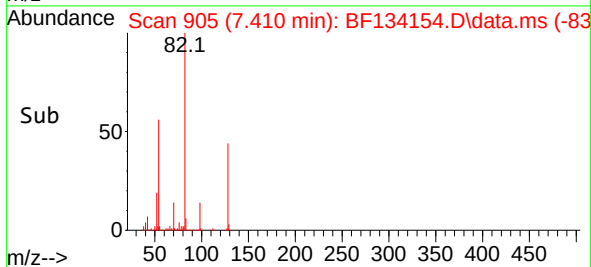
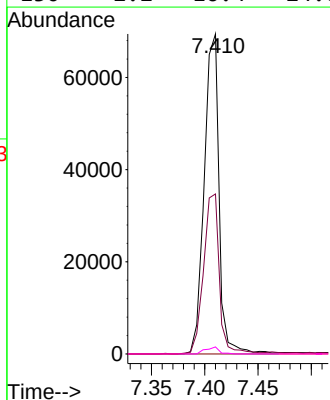
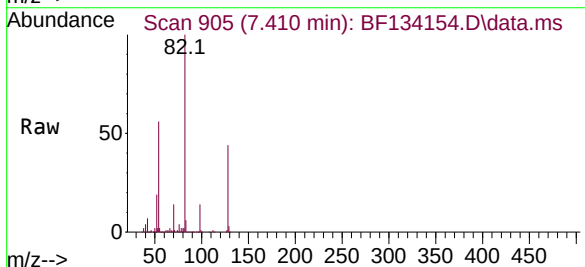
Instrument :
BNA_F
ClientSampleId :

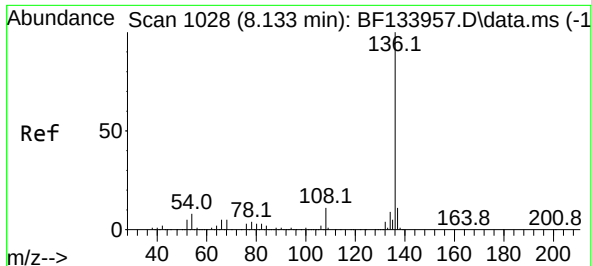
Tgt Ion: 99 Resp: 750722
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.851 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

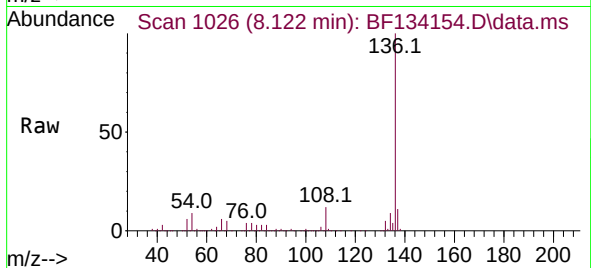
Tgt Ion: 70 Resp: 67628
Ion Ratio Lower Upper
70 100
42 50.0 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#





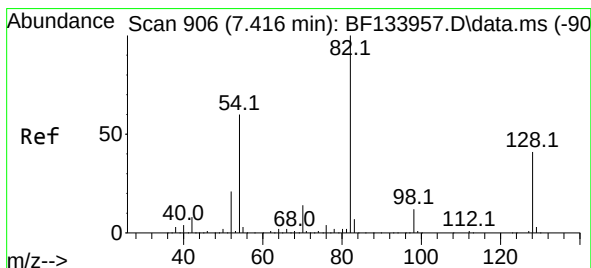
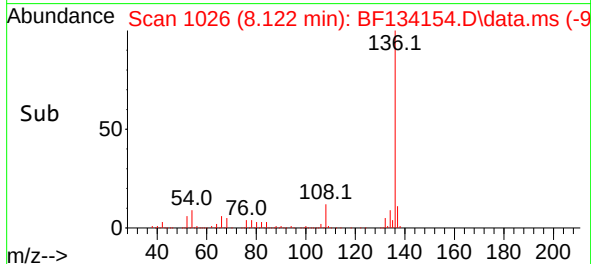
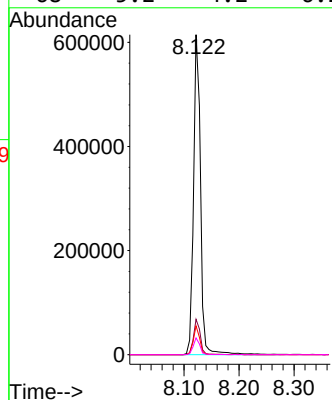
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 539014

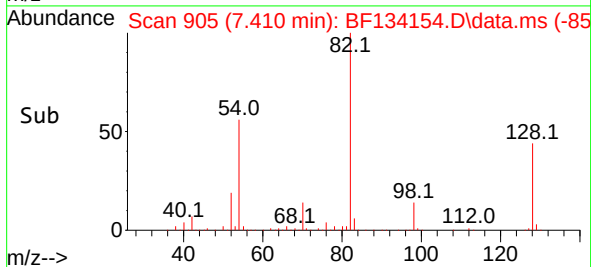
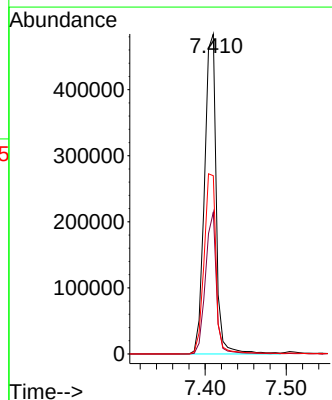
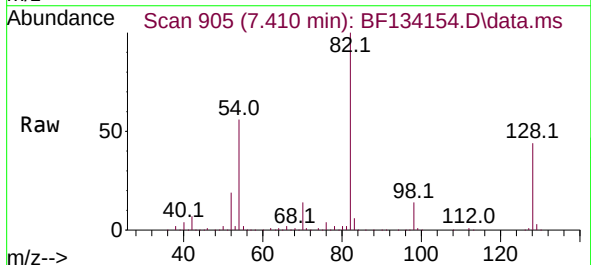
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.0	6.5	9.7
68	5.2	4.2	6.2

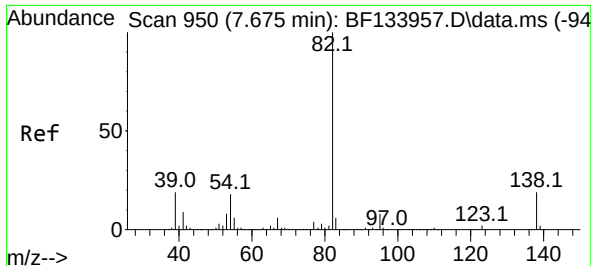


#23
Nitrobenzene-d5
Concen: 48.520 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion: 82 Resp: 485161

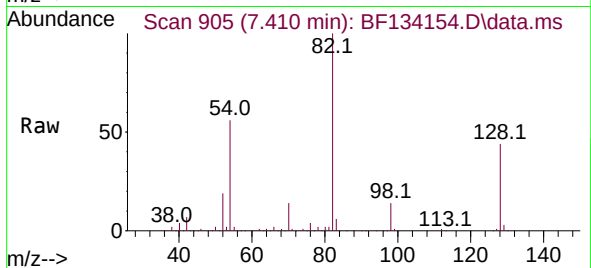
Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.5	48.7
54	55.7	48.2	72.2



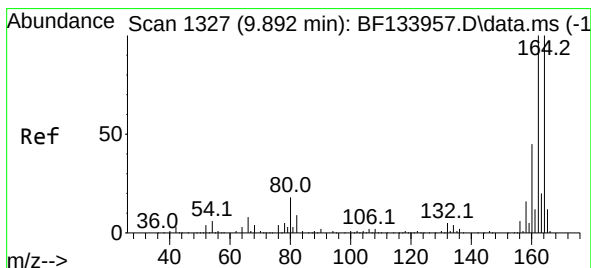
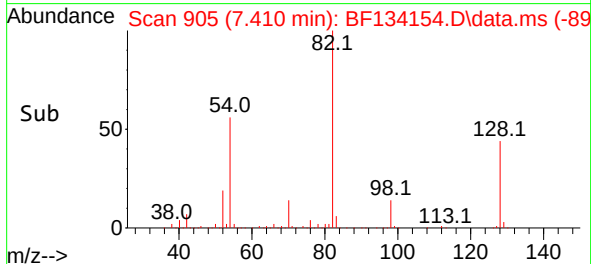
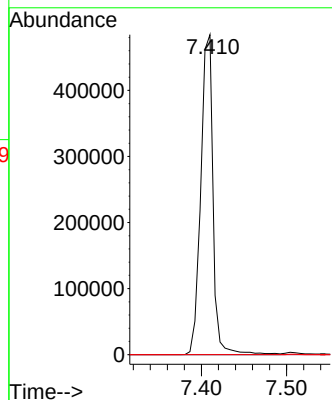


#25
Isophorone
Concen: 26.697 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :

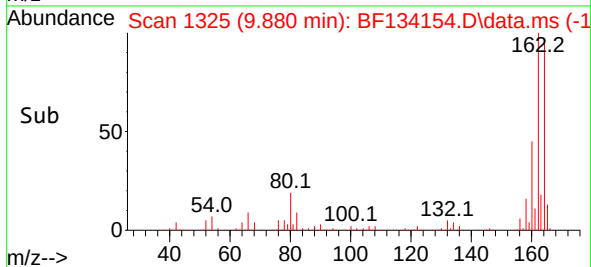
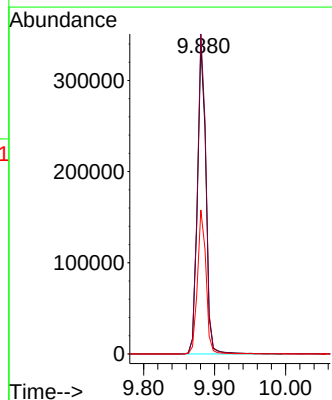
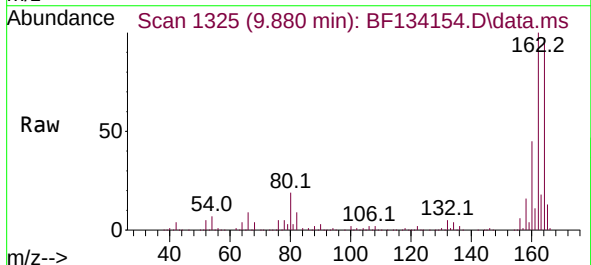


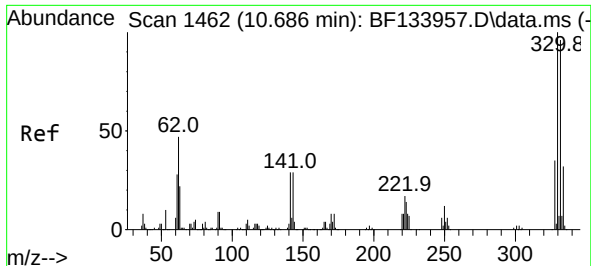
Tgt Ion: 82 Resp: 485158
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:164 Resp: 283990
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 74.687 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

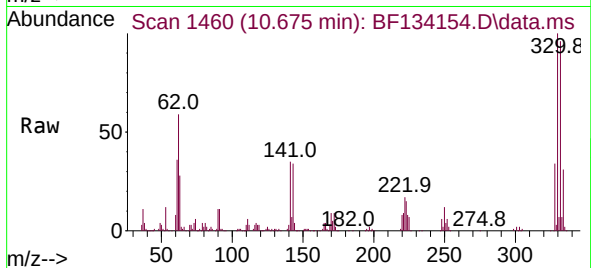
Lab File: BF134154.D

Acq: 08 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :



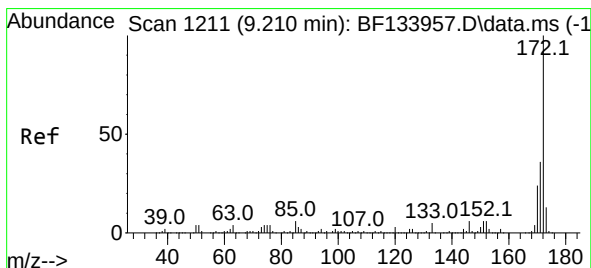
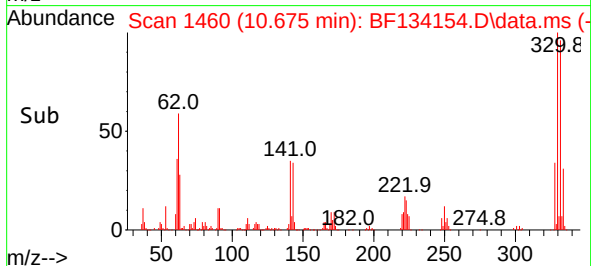
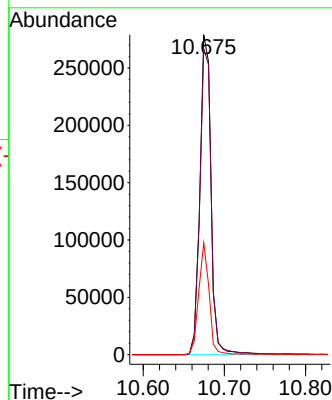
Tgt Ion:330 Resp: 265934

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

141 33.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 32.360 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134154.D

Acq: 08 Jul 2023 18:16

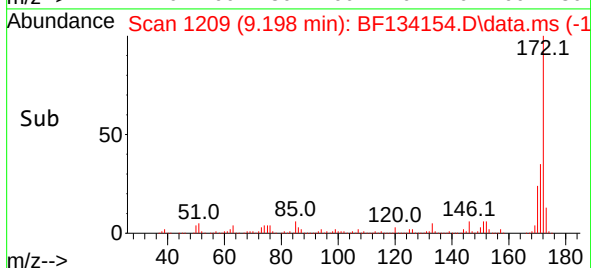
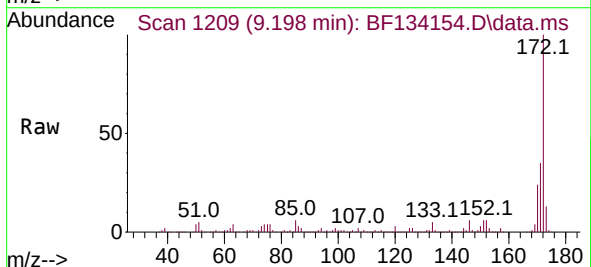
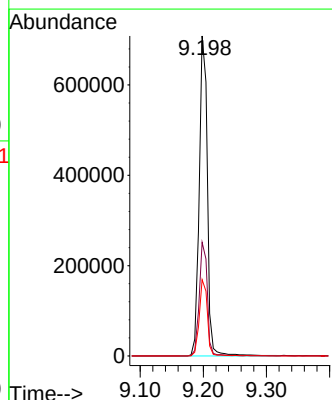
Tgt Ion:172 Resp: 632089

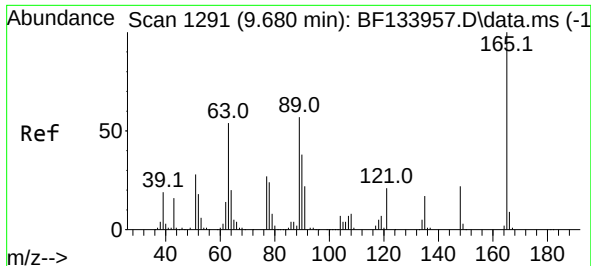
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

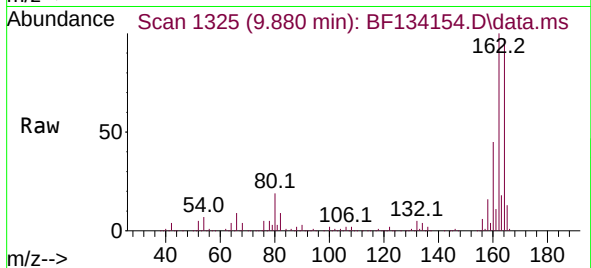
170 23.9 19.4 29.0



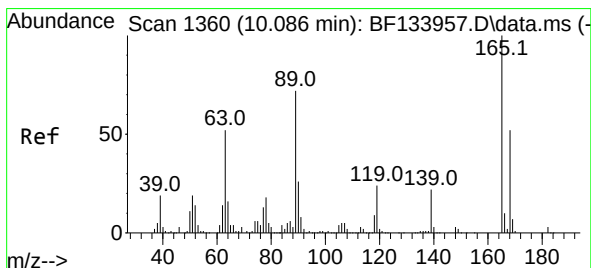
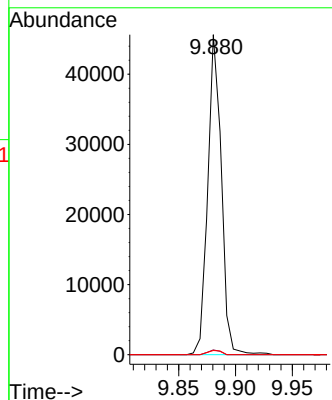
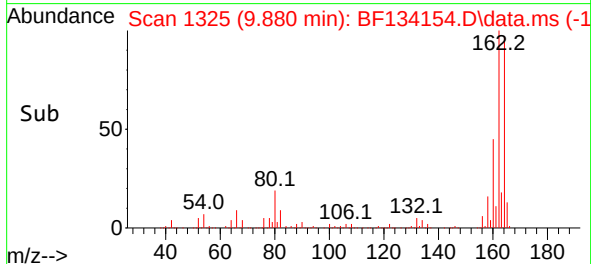


#51
2,6-Dinitrotoluene
Concen: 8.519 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :

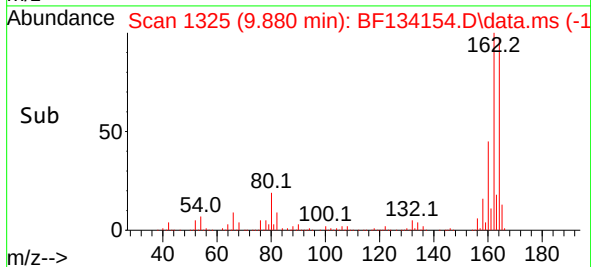
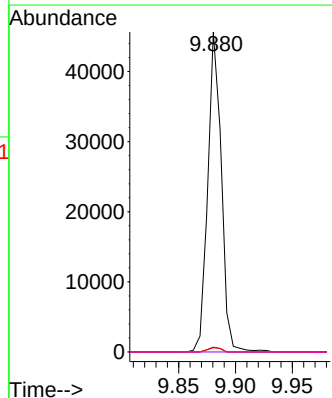
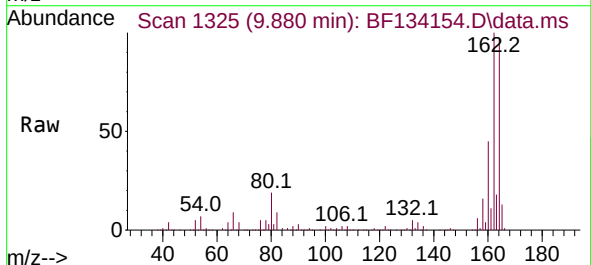


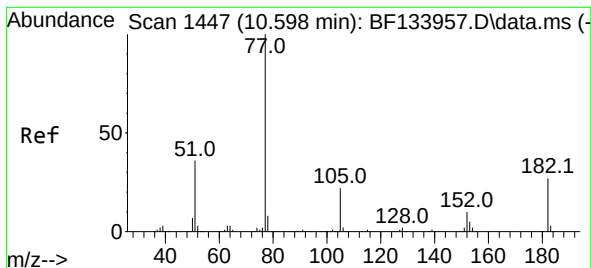
Tgt Ion:165 Resp: 37824
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:165 Resp: 37824
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.264 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

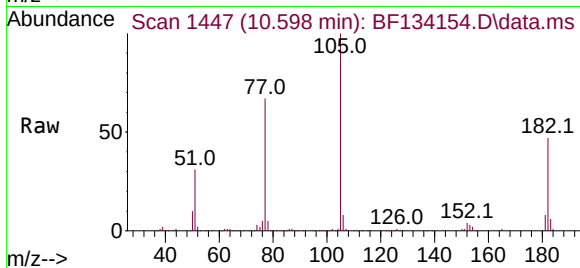
Lab File: BF134154.D

Acq: 08 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 66304

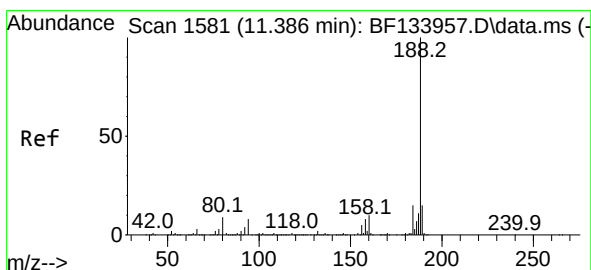
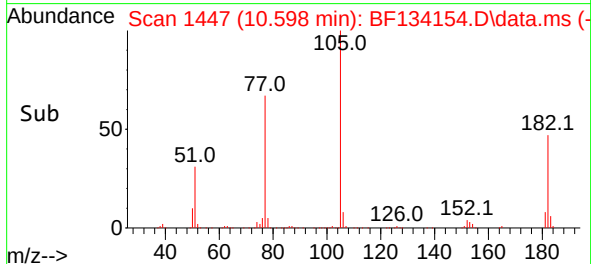
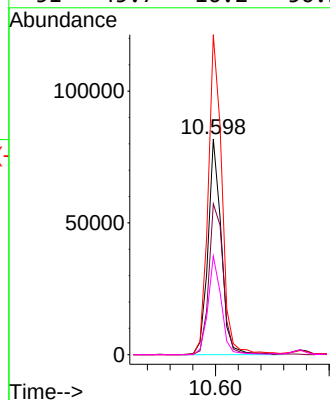
Ion Ratio Lower Upper

77 100

182 70.0 6.8 46.8#

105 148.4 2.3 42.3#

51 45.7 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134154.D

Acq: 08 Jul 2023 18:16

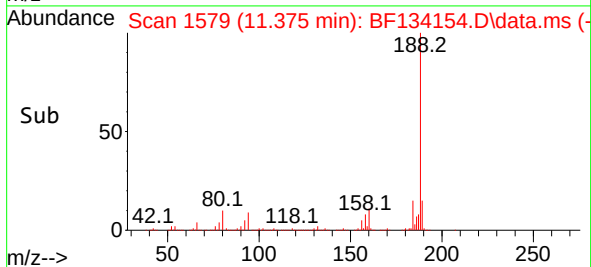
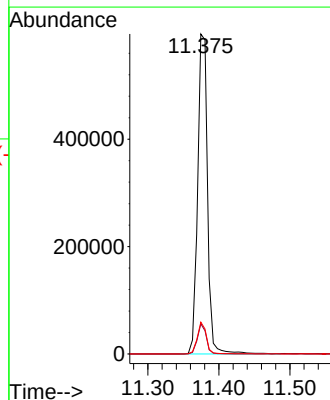
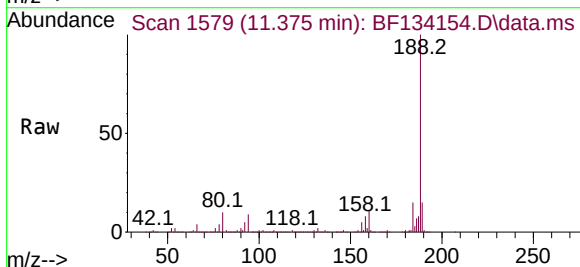
Tgt Ion: 188 Resp: 577474

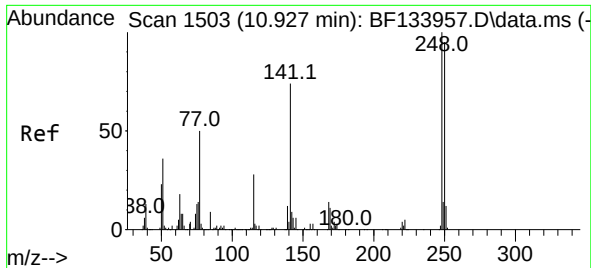
Ion Ratio Lower Upper

188 100

94 9.4 6.4 9.6

80 10.0 7.3 10.9

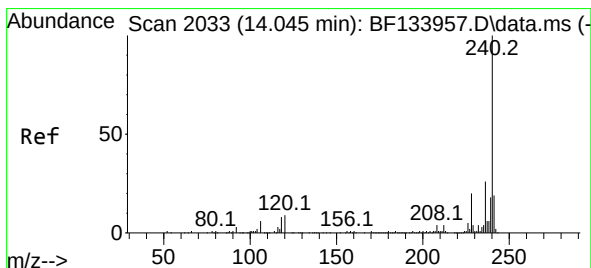
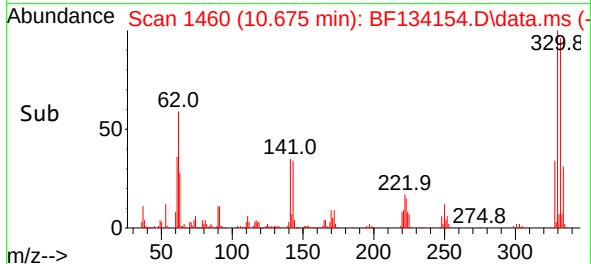
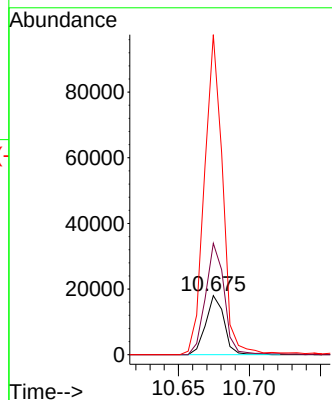
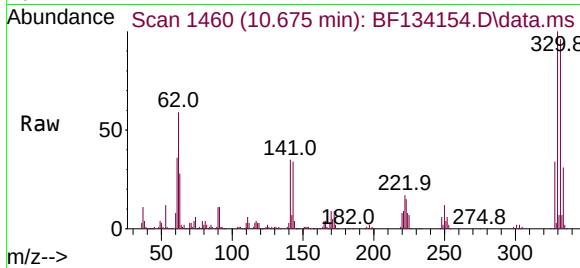




#67
4-Bromophenyl-phenylether
Concen: 2.646 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

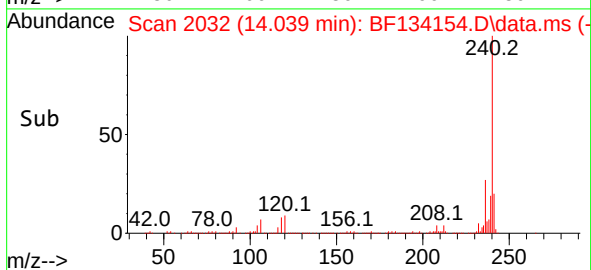
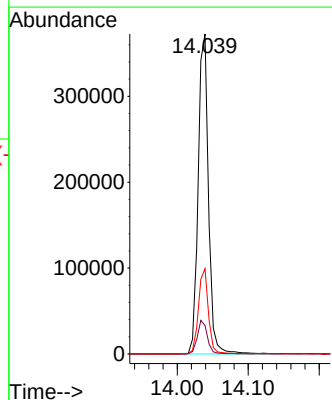
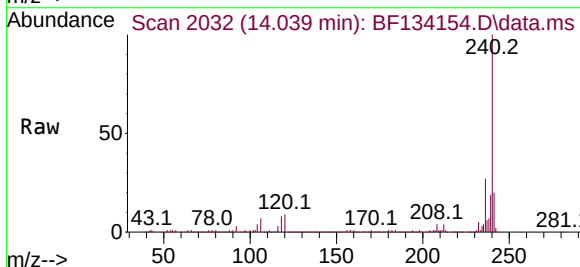
Instrument :
BNA_F
ClientSampleId :

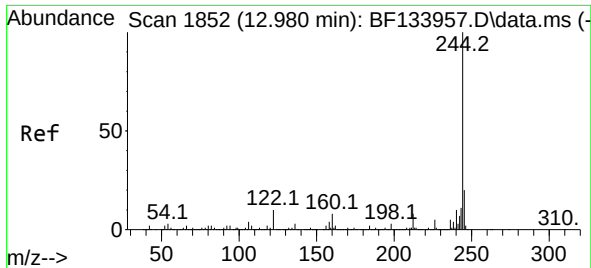
Tgt Ion:248 Resp: 16238
Ion Ratio Lower Upper
248 100
250 188.4 76.2 114.4#
141 541.5 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:240 Resp: 376988
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.6 21.0 31.6

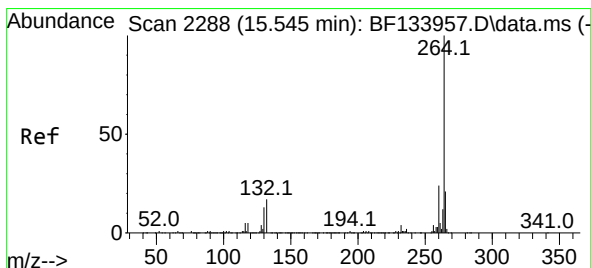
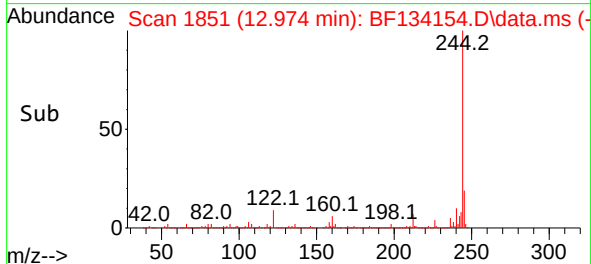
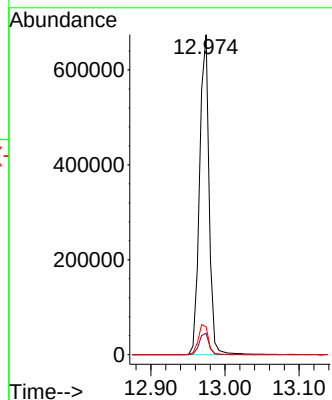
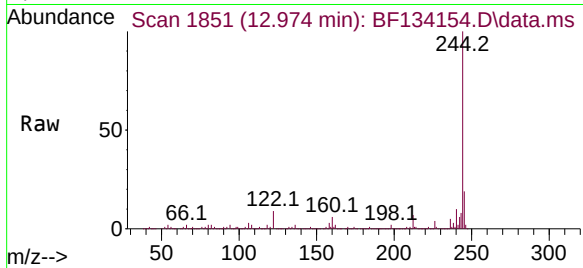




#79
Terphenyl-d14
Concen: 25.507 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 597473
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:264 Resp: 326288
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.5 16.6 25.0

