

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134166.D
 Acq On : 09 Jul 2023 02:17
 Operator : CG\JU
 Sample : 03509-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 04:19:08 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)

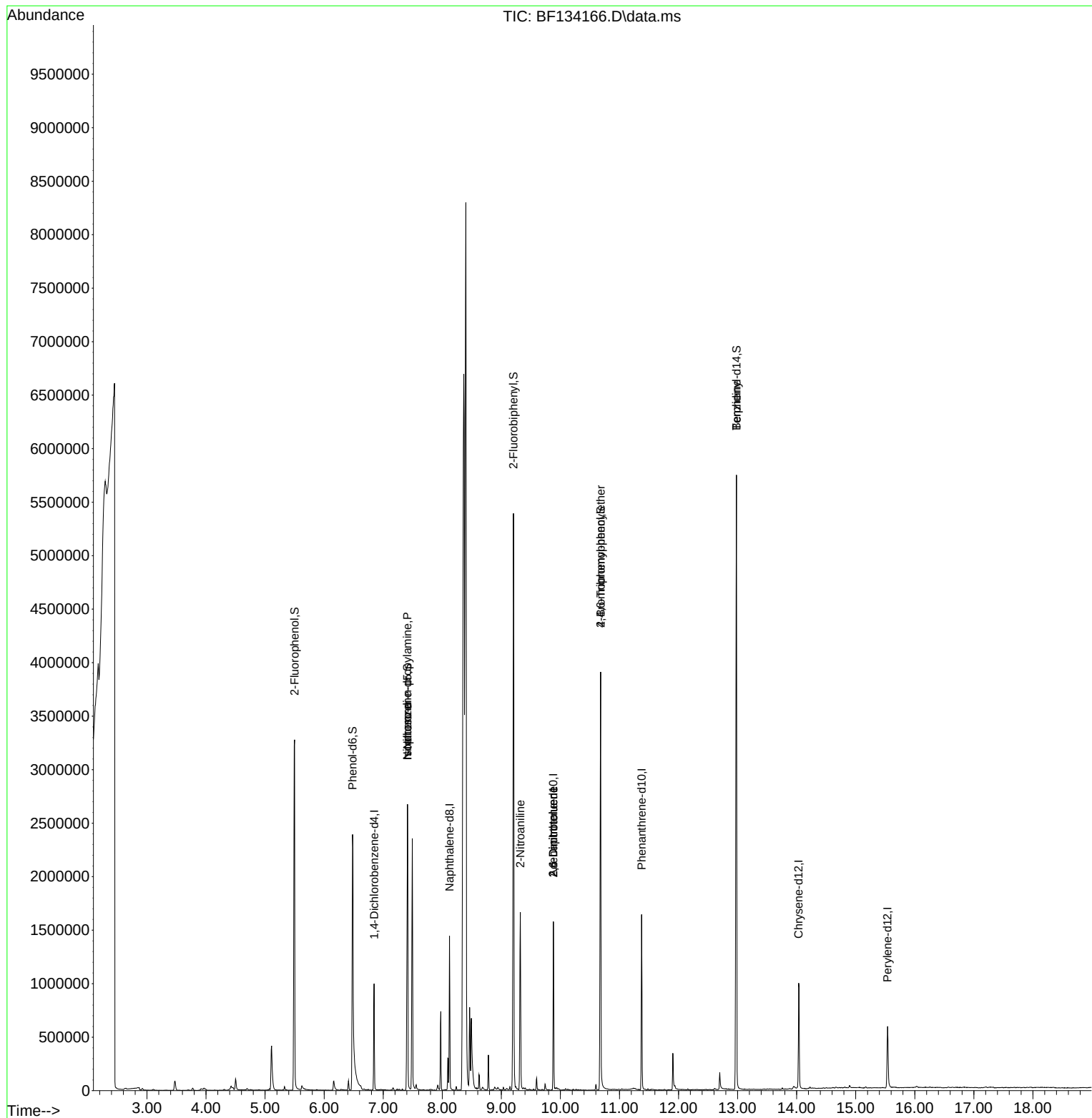
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	141635	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	558887	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	289938	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	581397	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	371609	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	300527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1015387	119.921	ng	0.01
7) Phenol-d6	6.481	99	1245959	119.656	ng	-0.01
23) Nitrobenzene-d5	7.410	82	957239	92.327	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	542661	149.278	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1740301	87.267	ng	0.00
79) Terphenyl-d14	12.980	244	2328234	100.835	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	229	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.410	70	134490	20.366	ng	# 78
25) Isophorone	7.410	82	957221	50.800	ng	# 64
48) 2-Nitroaniline	9.322	65	17209	2.775	ng	# 17
51) 2,6-Dinitrotoluene	9.881	165	37655	8.307	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	37655	6.290	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	32003	5.179	ng	# 1
77) Benzidine	12.980	184	30896	3.494	ng	# 89

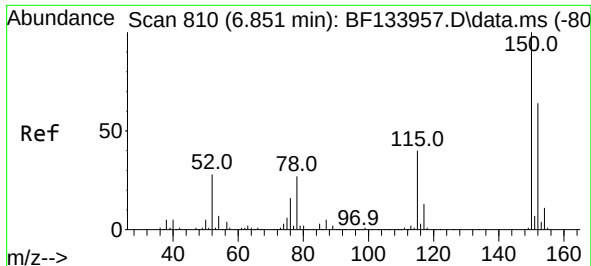
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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BNA_F
ClientSampleId :

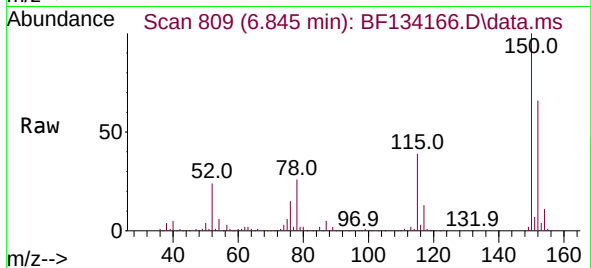
Quant Time: Jul 09 04:19:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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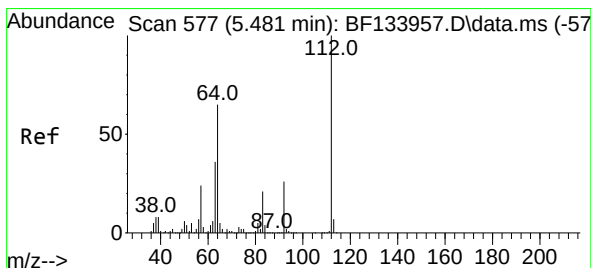
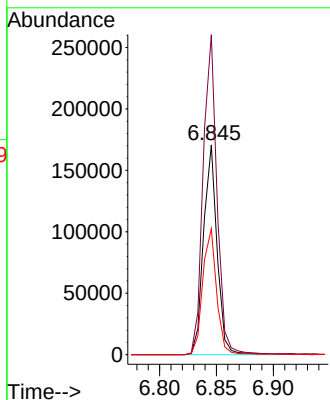
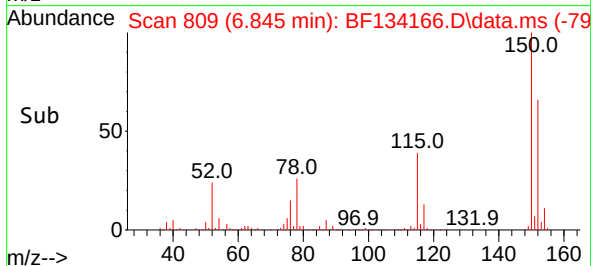


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :

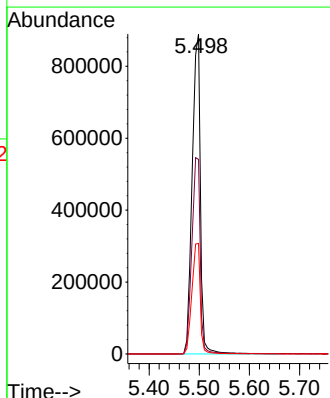
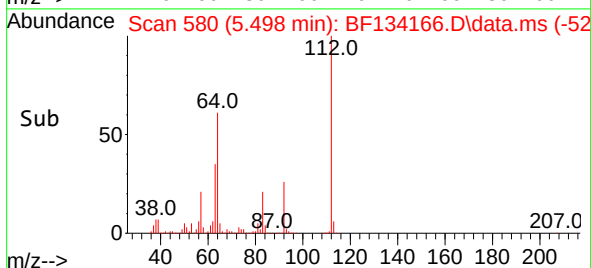
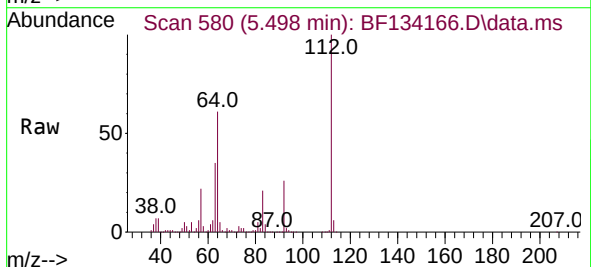


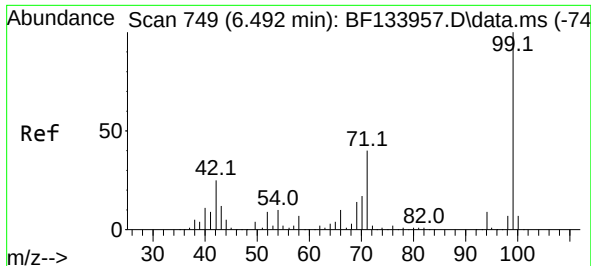
Tgt Ion:152 Resp: 141635
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 60.1 50.2 75.2



#5
2-Fluorophenol
Concen: 119.921 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:112 Resp: 1015387
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.6 28.6 42.8





#7

Phenol-d6

Concen: 119.656 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134166.D

Acq: 09 Jul 2023 02:17

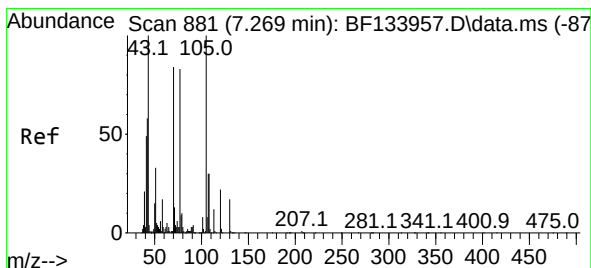
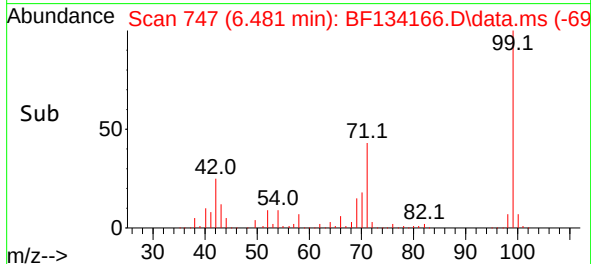
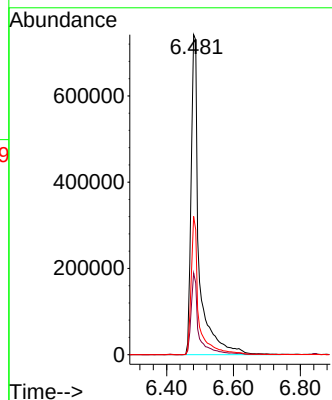
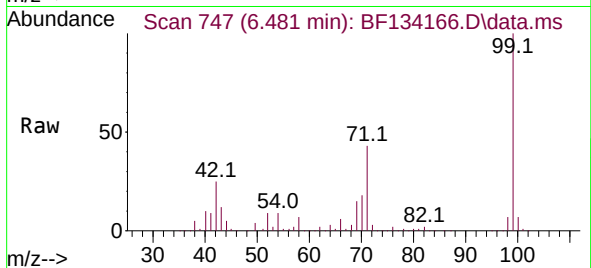
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1245959

Ion	Ratio	Lower	Upper
99	100		
42	25.5	19.8	29.6
71	43.2	31.9	47.9



#19

n-Nitroso-di-n-propylamine

Concen: 20.366 ng

RT: 7.410 min Scan# 905

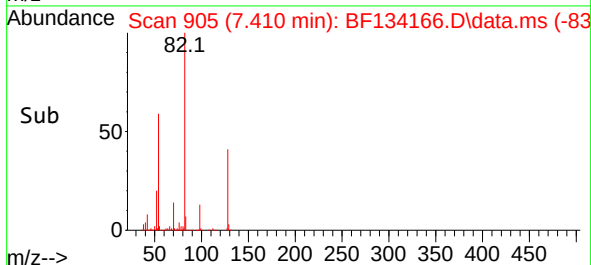
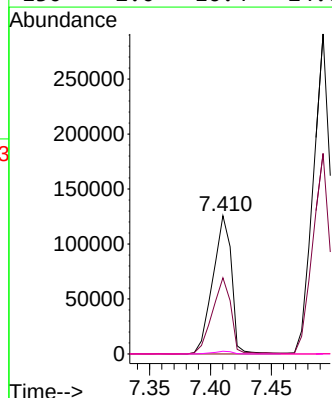
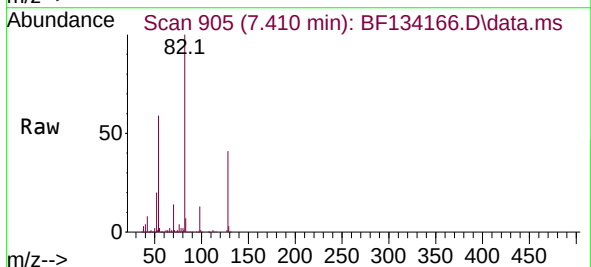
Delta R.T. 0.141 min

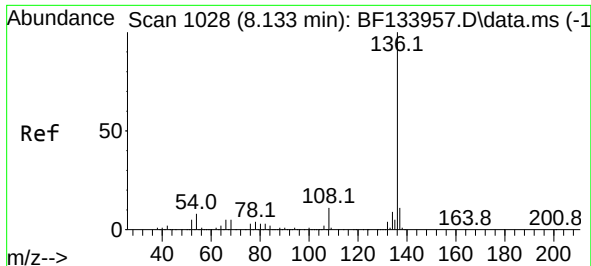
Lab File: BF134166.D

Acq: 09 Jul 2023 02:17

Tgt Ion: 70 Resp: 134490

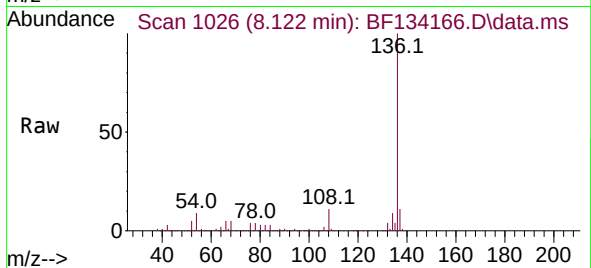
Ion	Ratio	Lower	Upper
70	100		
42	55.1	54.7	82.1
101	0.0	7.7	11.5#
130	2.0	16.4	24.6#



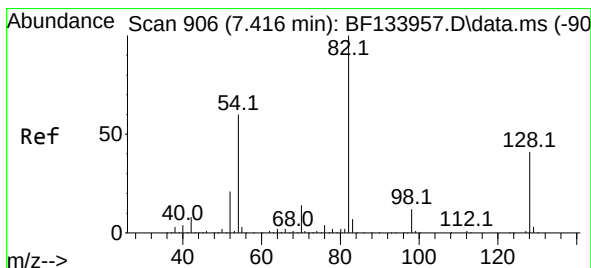
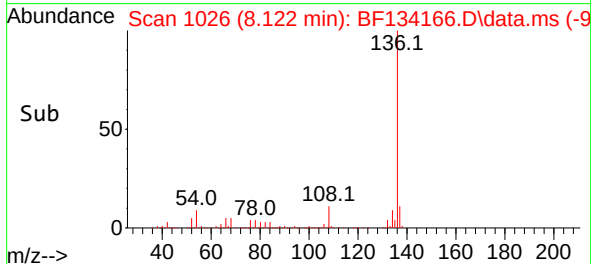
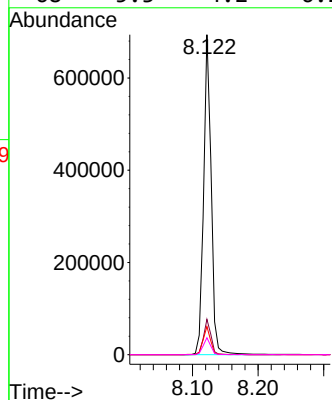


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :

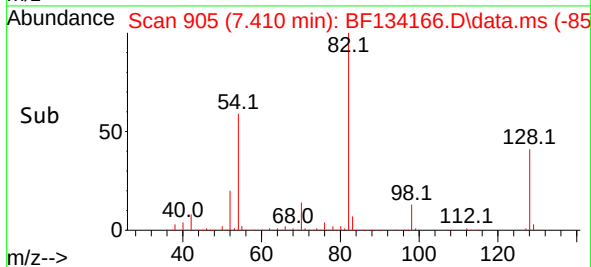
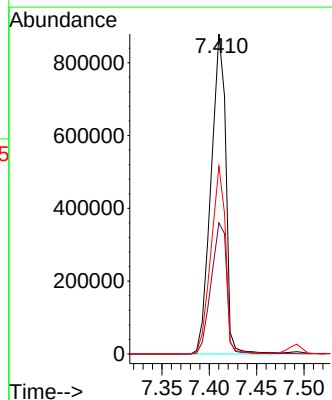
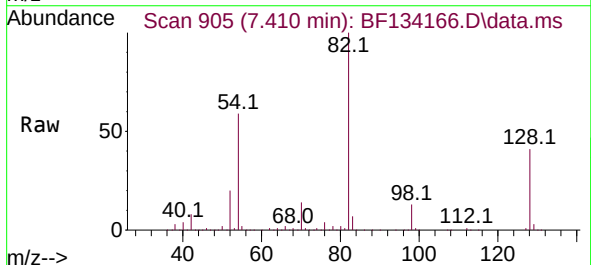


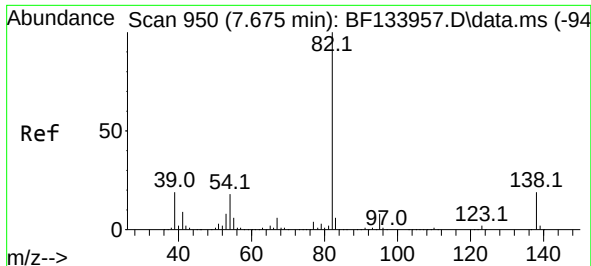
Tgt Ion:136 Resp: 558887
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.8 6.5 9.7
68 5.3 4.2 6.2



#23
Nitrobenzene-d5
Concen: 92.327 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion: 82 Resp: 957239
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 58.7 48.2 72.2

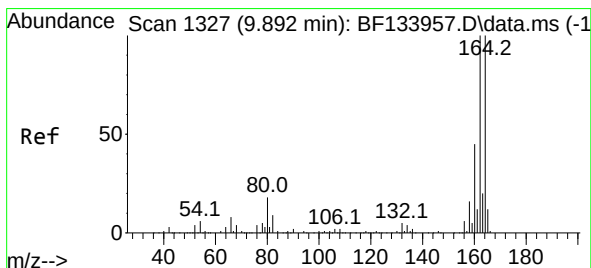
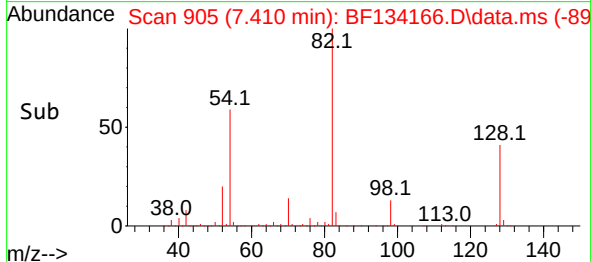
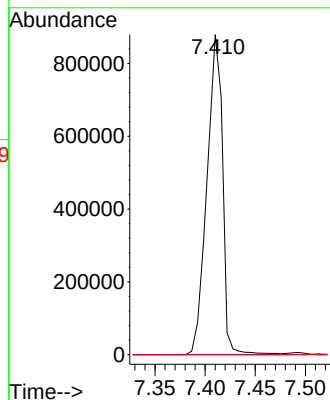
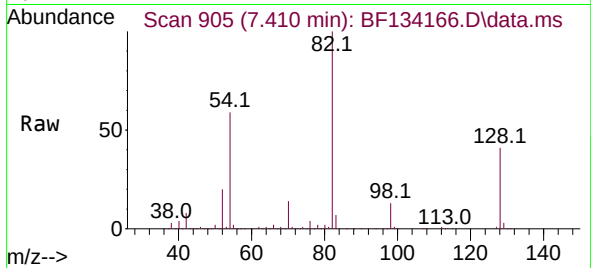




#25
Isophorone
Concen: 50.800 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

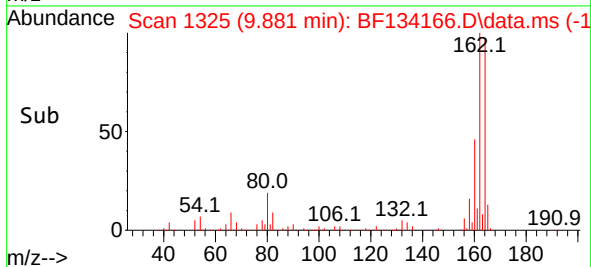
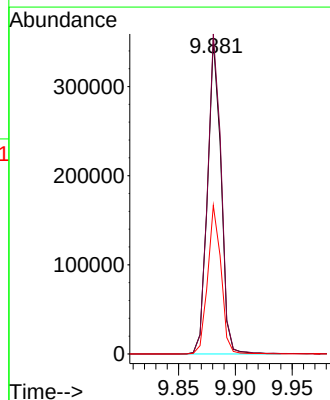
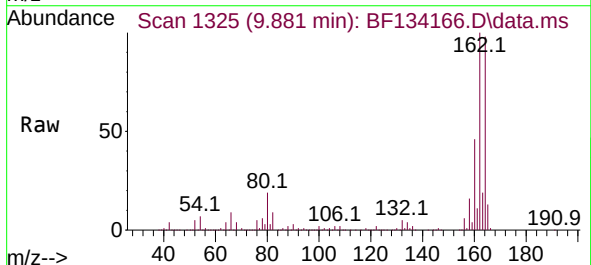
Instrument :
BNA_F
ClientSampleId :

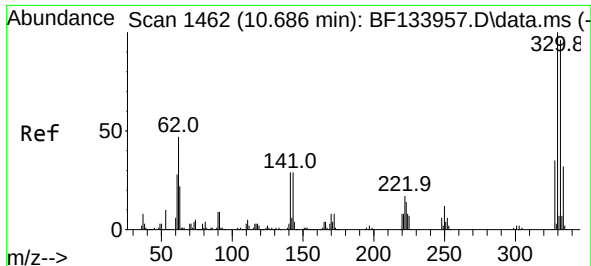
Tgt Ion: 82 Resp: 957221
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

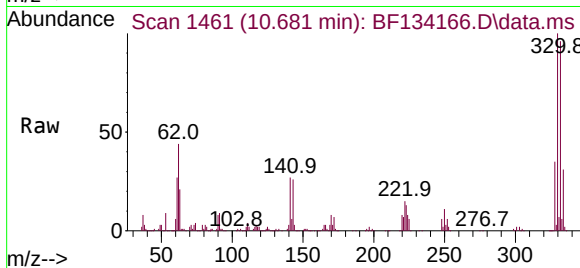
Tgt Ion:164 Resp: 289938
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 47.3 35.9 53.9



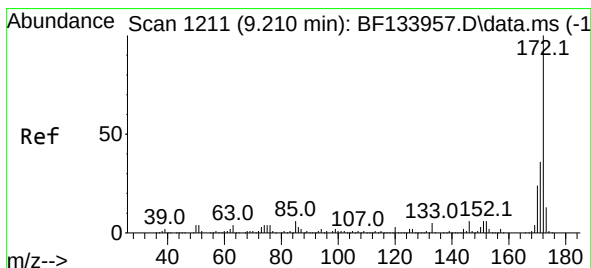
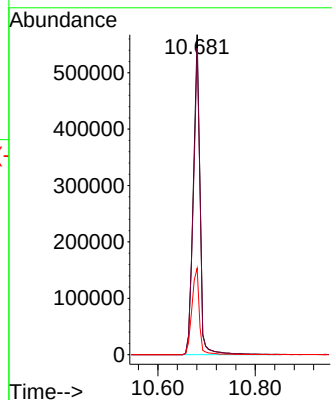
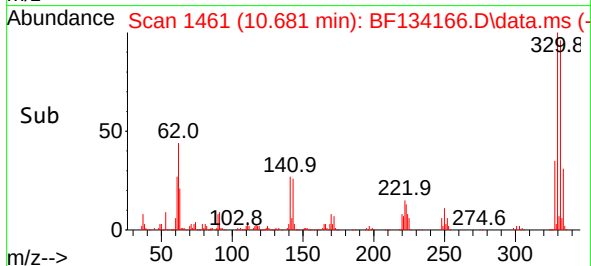


#42
2,4,6-Tribromophenol
Concen: 149.278 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :

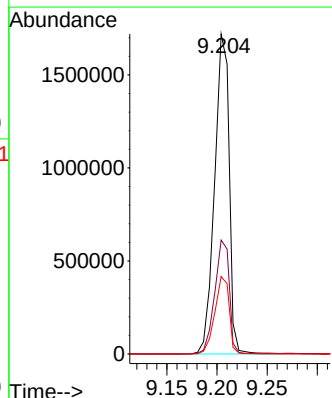
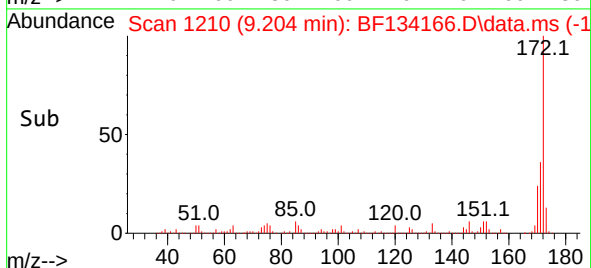
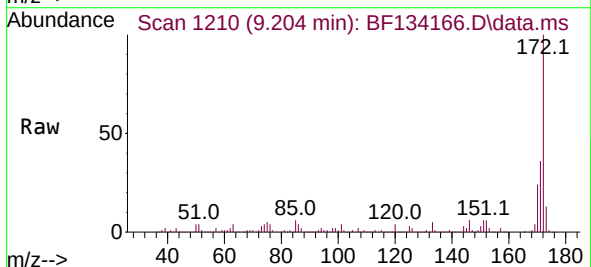


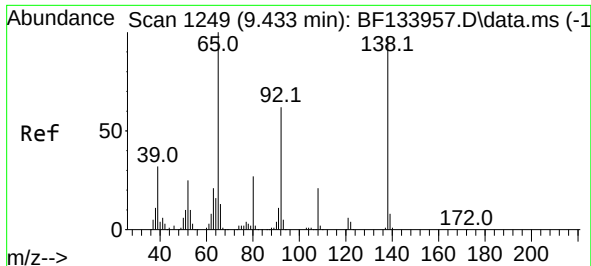
Tgt Ion:330 Resp: 542661
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 30.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 87.267 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:172 Resp: 1740301
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.2 19.4 29.0





#48

2-Nitroaniline

Concen: 2.775 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF134166.D

Acq: 09 Jul 2023 02:17

Instrument :

BNA_F

ClientSampleId :

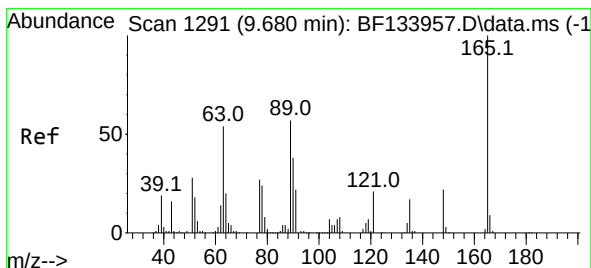
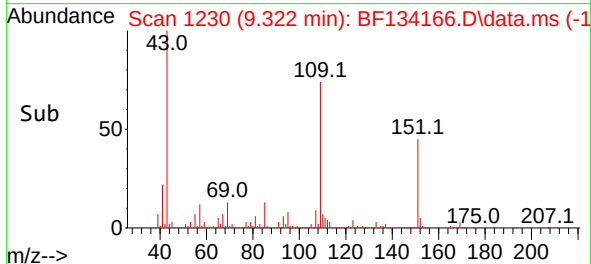
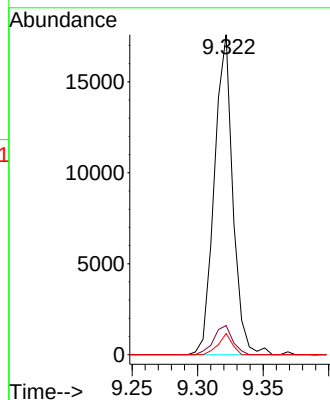
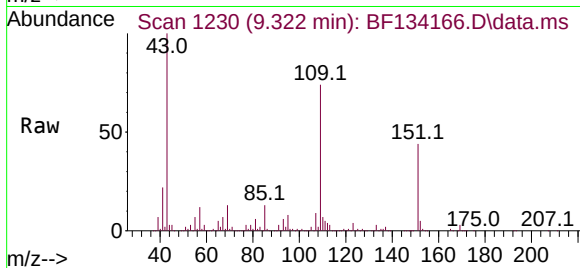
Tgt Ion: 65 Resp: 17209

Ion Ratio Lower Upper

65 100

92 9.1 49.5 74.3#

138 6.6 78.0 117.0#



#51

2,6-Dinitrotoluene

Concen: 8.307 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.200 min

Lab File: BF134166.D

Acq: 09 Jul 2023 02:17

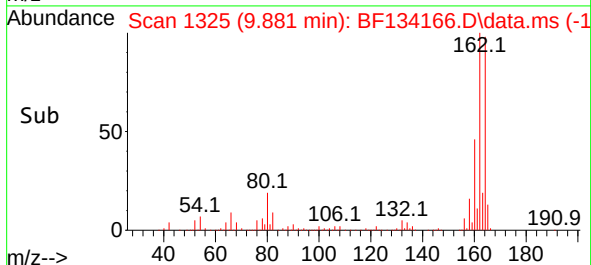
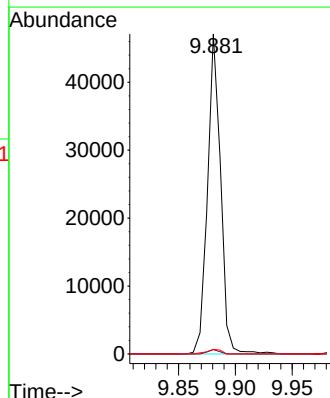
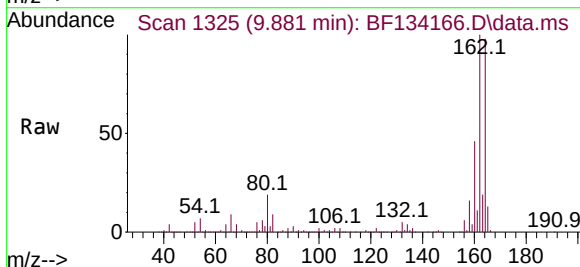
Tgt Ion:165 Resp: 37655

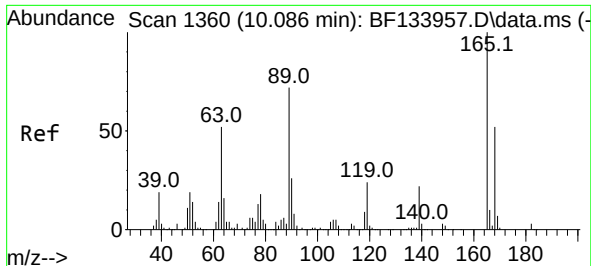
Ion Ratio Lower Upper

165 100

63 1.4 48.5 72.7#

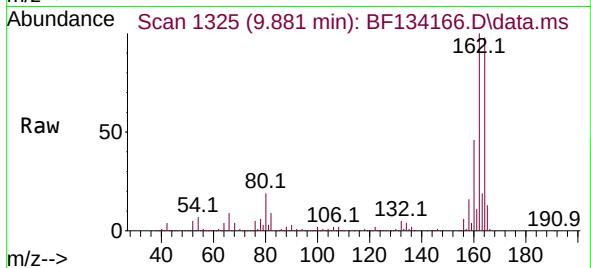
89 1.4 45.5 68.3#



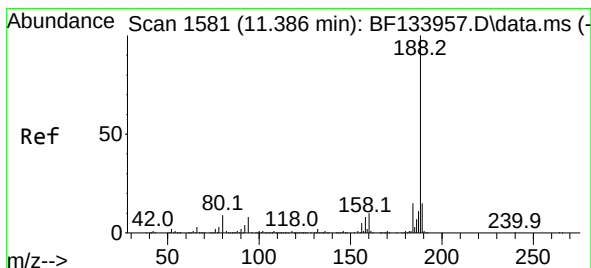
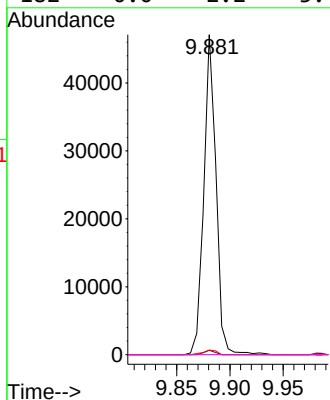
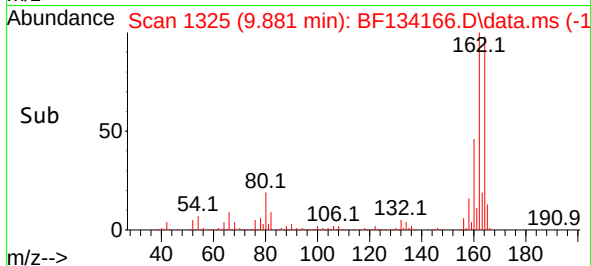


#57
2,4-Dinitrotoluene
Concen: 6.290 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

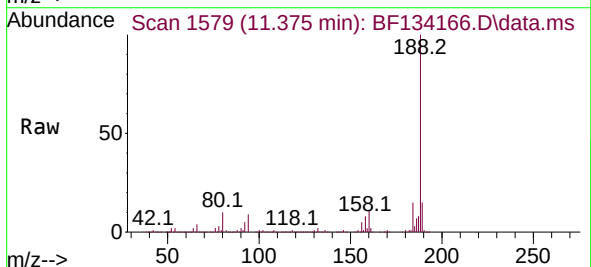
Instrument :
BNA_F
ClientSampleId :



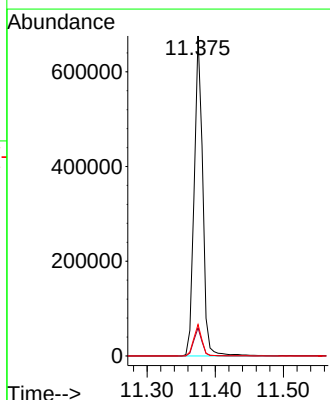
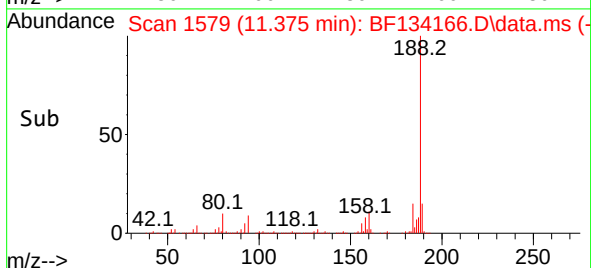
Tgt Ion:165 Resp: 37655
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#

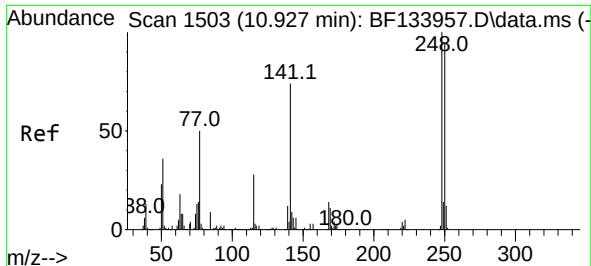


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17



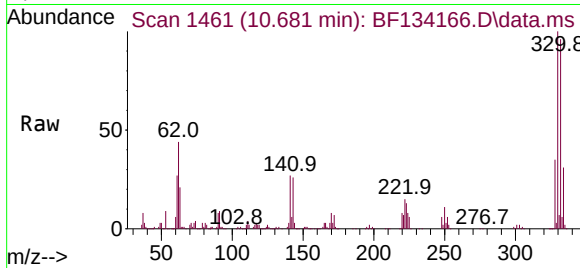
Tgt Ion:188 Resp: 581397
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.9 7.3 10.9



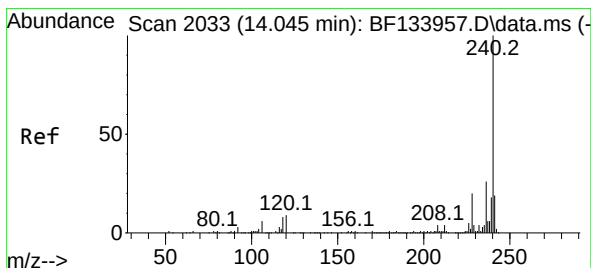
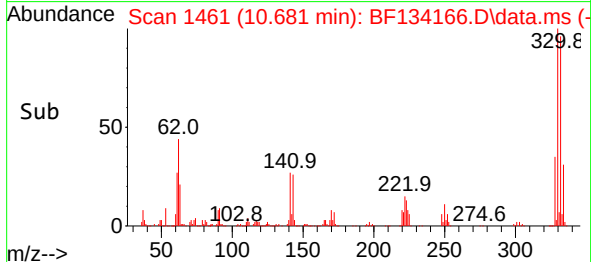
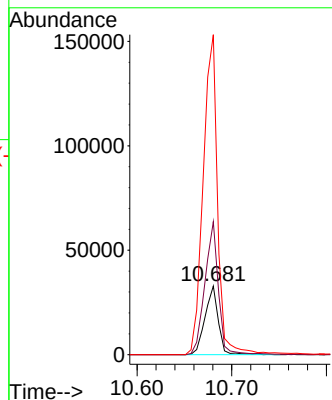


#67
4-Bromophenyl-phenylether
Concen: 5.179 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :

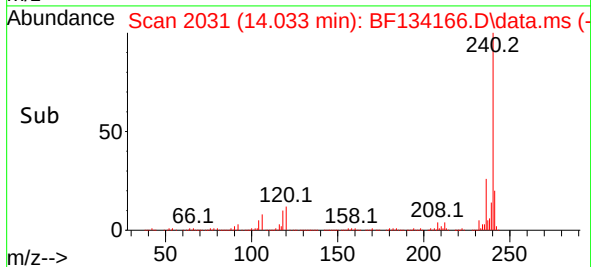
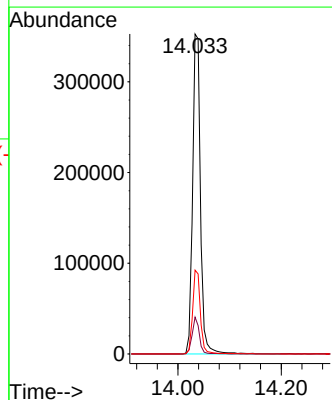
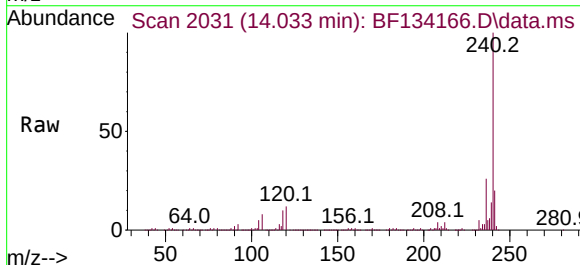


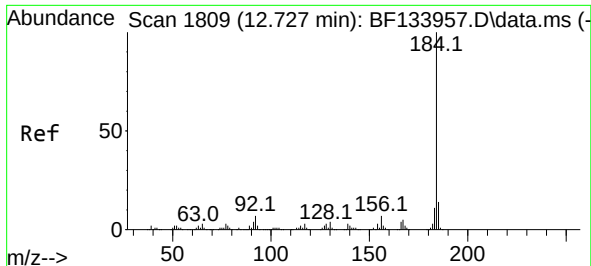
Tgt Ion:248 Resp: 32003
Ion Ratio Lower Upper
248 100
250 193.5 76.2 114.4#
141 465.6 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

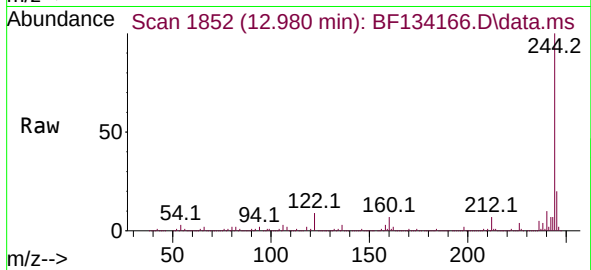
Tgt Ion:240 Resp: 371609
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.0#
236 26.2 21.0 31.6



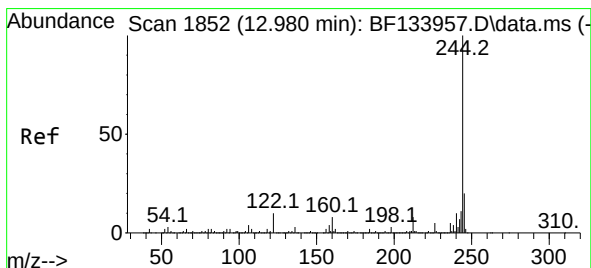
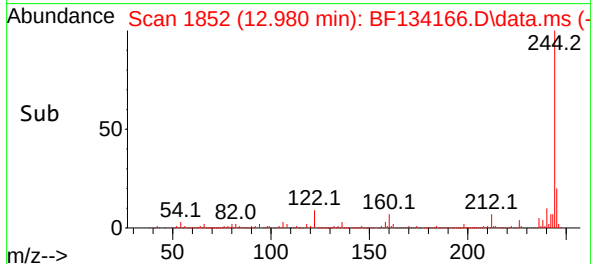
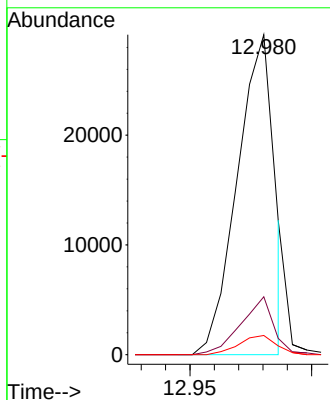


#77
Benzidine
Concen: 3.494 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :

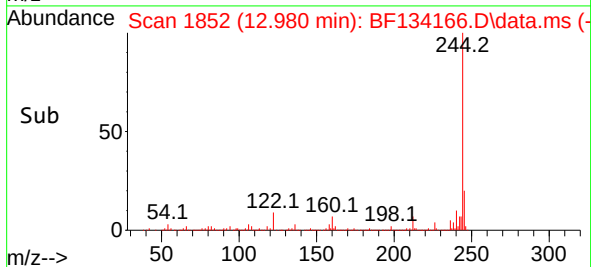
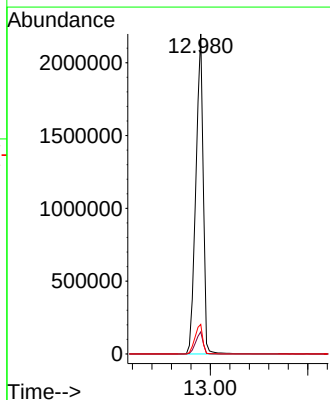
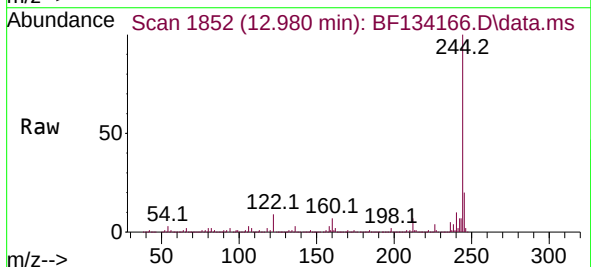


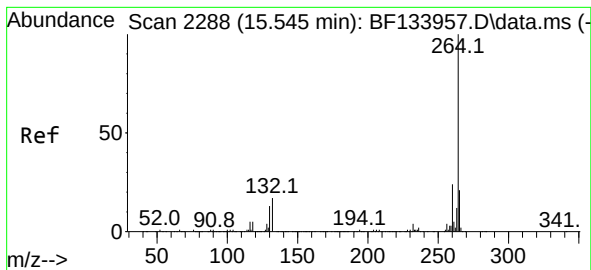
Tgt Ion:184 Resp: 30896
Ion Ratio Lower Upper
184 100
185 18.1 11.6 17.4#
183 6.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 100.835 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:244 Resp: 2328234
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

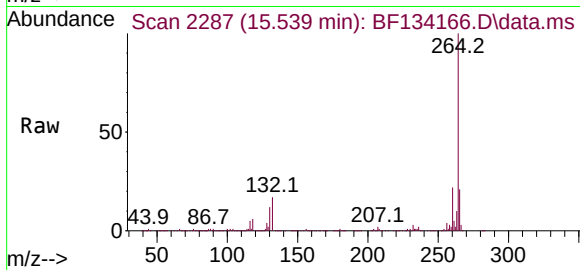
Lab File: BF134166.D

Acq: 09 Jul 2023 02:17

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 300527

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 20.9 16.6 25.0

