

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134176.D
 Acq On : 09 Jul 2023 07:44
 Operator : CG\JU
 Sample : 03510-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 01:49:57 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)

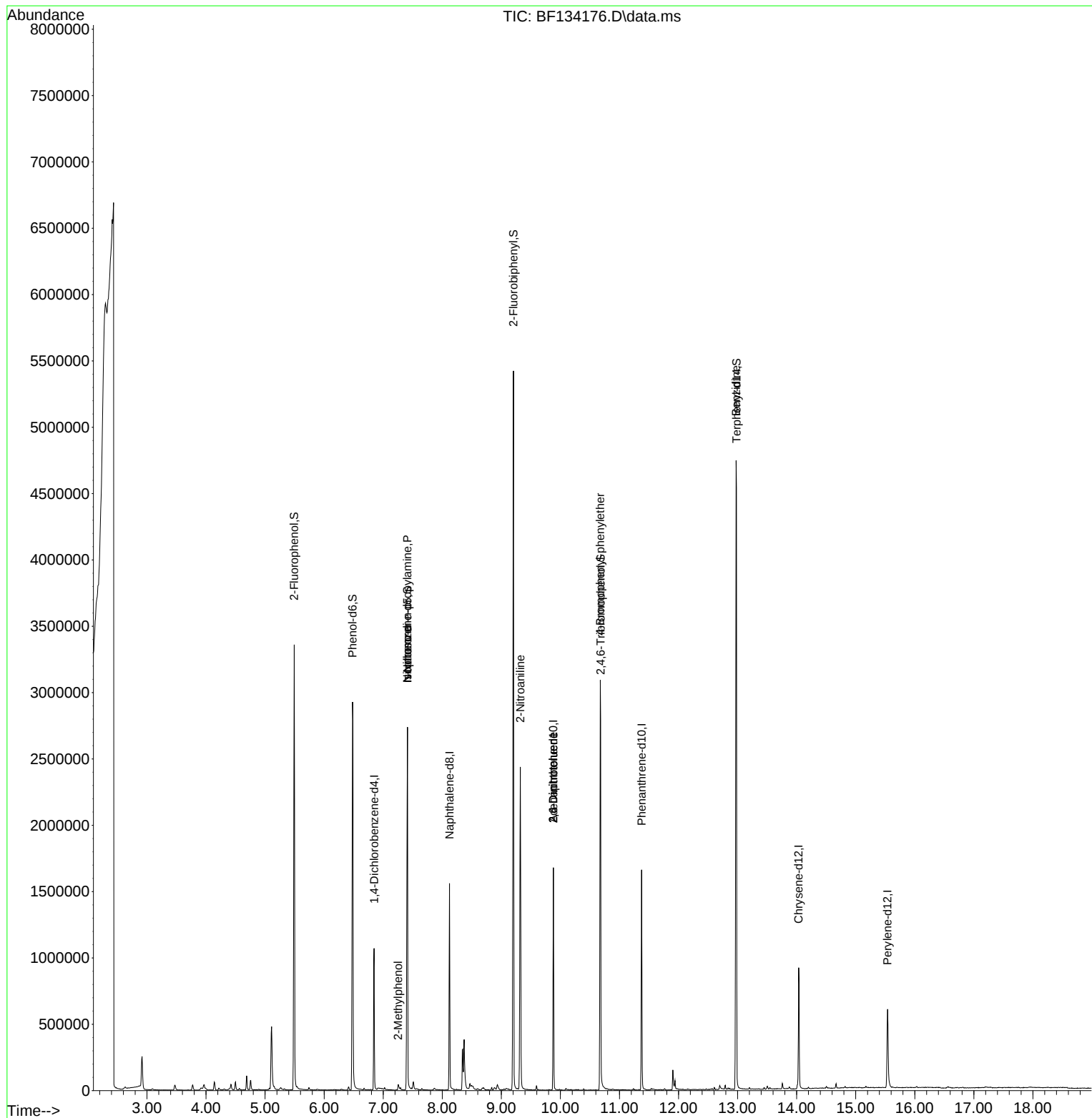
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	160903	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	627929	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	304623	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	581529	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	326261	20.000	ng	-0.02
86) Perylene-d12	15.539	264	323531	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	923497	96.008	ng	0.00
7) Phenol-d6	6.481	99	1094504	92.524	ng	-0.01
23) Nitrobenzene-d5	7.410	82	891838	76.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	444455	116.369	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1649100	78.708	ng	0.00
79) Terphenyl-d14	12.980	244	1967346	97.048	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	143	Below Cal	#	1
17) 2-Methylphenol	7.251	107	18006	2.059 ng	#	65
19) n-Nitroso-di-n-propyla...	7.410	70	124122	16.546 ng	#	76
25) Isophorone	7.410	82	891830	42.126 ng	#	64
48) 2-Nitroaniline	9.322	65	27959	4.291 ng	#	16
51) 2,6-Dinitrotoluene	9.881	165	38559	8.096 ng	#	23
57) 2,4-Dinitrotoluene	9.881	165	38559	6.130 ng	#	22
67) 4-Bromophenyl-phenylether	10.675	248	26234	4.244 ng	#	1
77) Benzidine	12.974	184	26516	3.416 ng	#	91

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

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

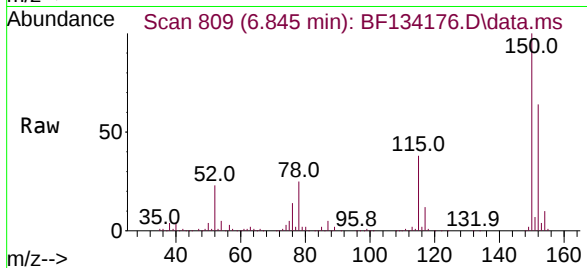
Quant Time: Jul 10 01:49:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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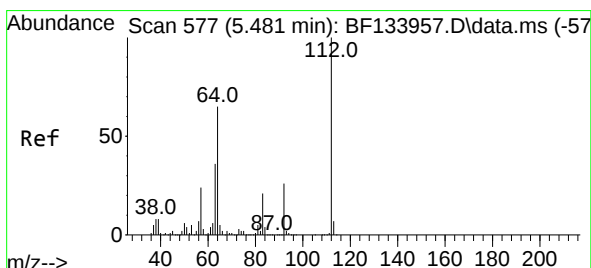
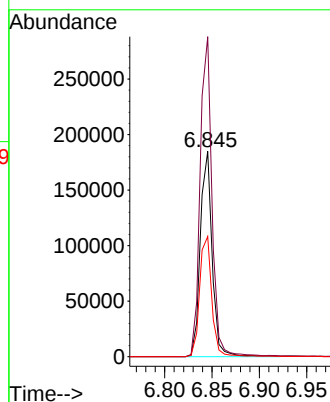
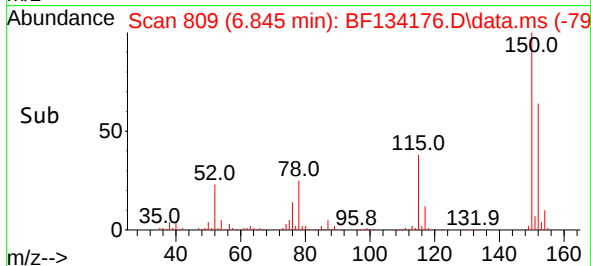


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Instrument :
BNA_F
ClientSampleId :

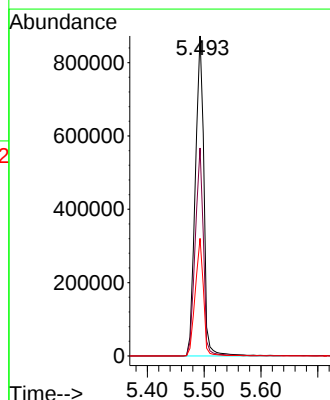
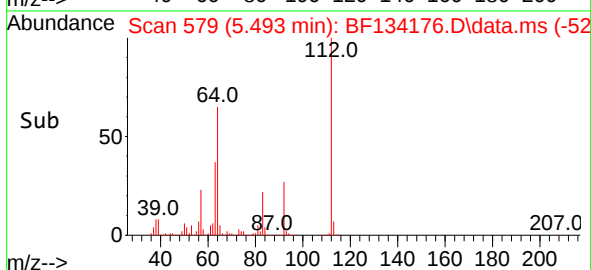
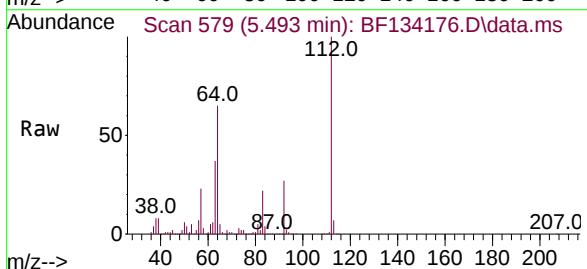


Tgt Ion:152 Resp: 160903
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 58.6 50.2 75.2



#5
2-Fluorophenol
Concen: 96.008 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Tgt Ion:112 Resp: 923497
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 36.8 28.6 42.8





#7

Phenol-d6

Concen: 92.524 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

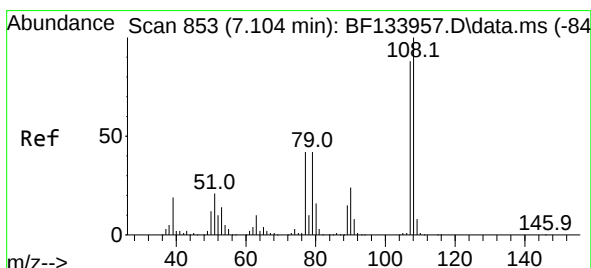
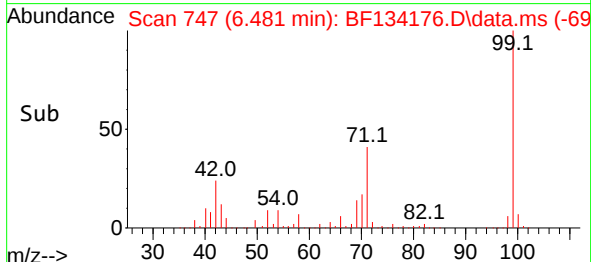
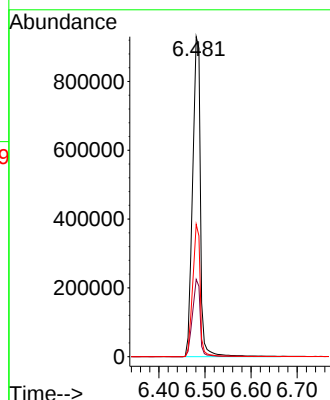
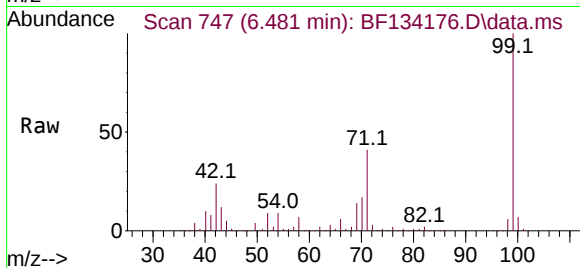
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1094504

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	41.3	31.9	47.9



#17

2-Methylphenol

Concen: 2.059 ng

RT: 7.251 min Scan# 878

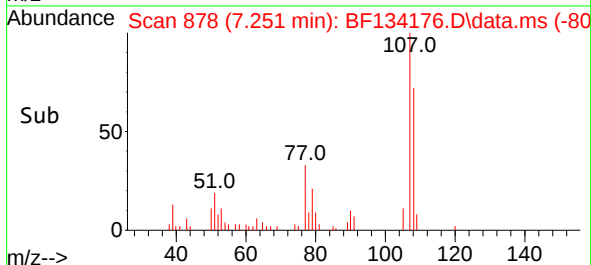
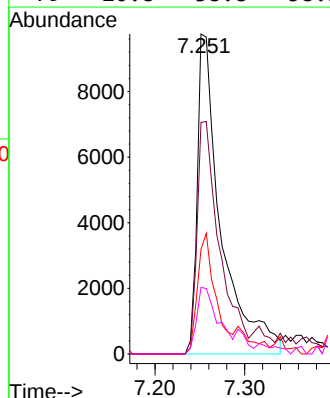
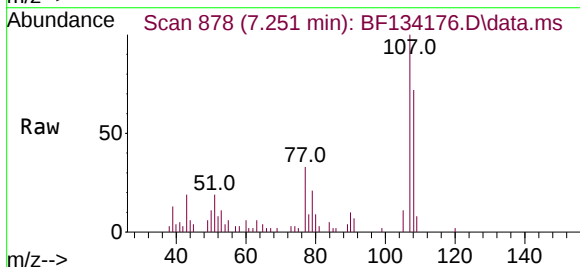
Delta R.T. 0.141 min

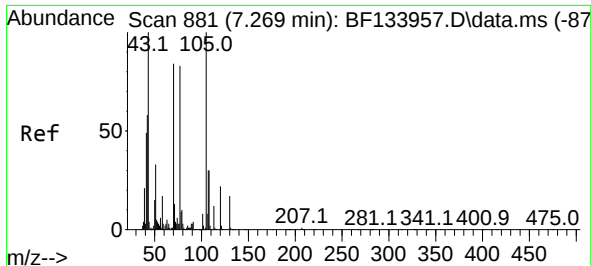
Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Tgt Ion: 107 Resp: 18006

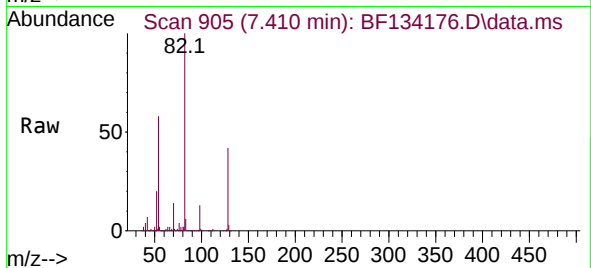
Ion	Ratio	Lower	Upper
107	100		
108	72.4	90.6	136.0#
77	32.7	38.3	57.5#
79	20.8	38.8	58.2#



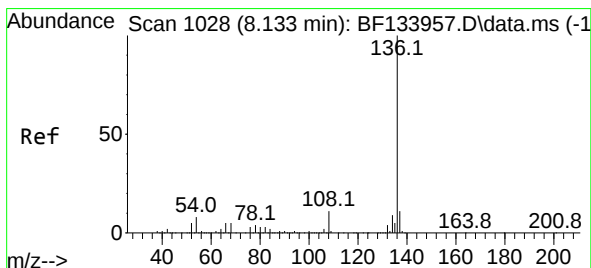
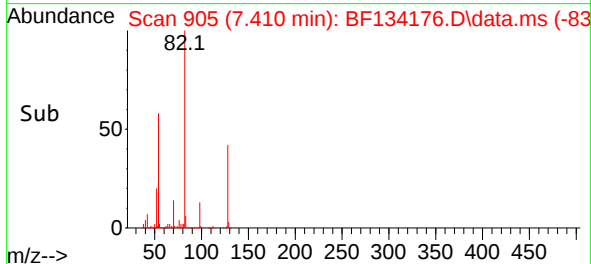
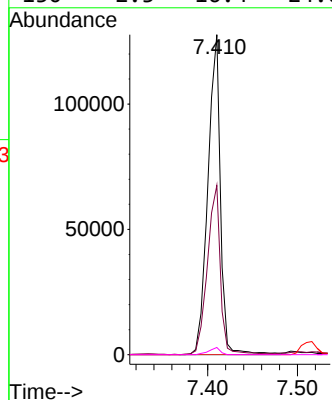


#19
n-Nitroso-di-n-propylamine
Concen: 16.546 ng
RT: 7.410 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Instrument :
BNA_F
ClientSampleId :

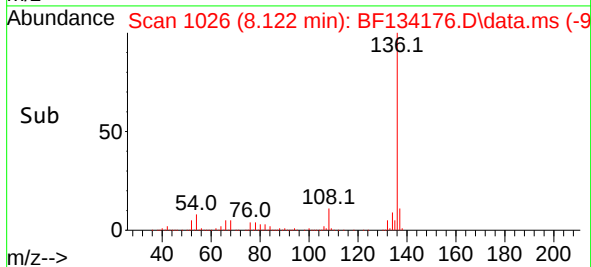
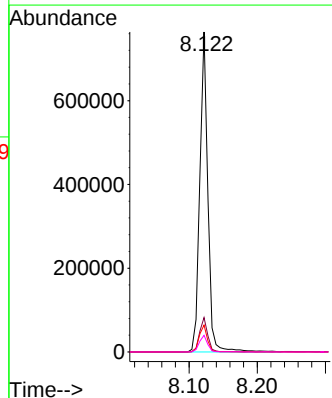
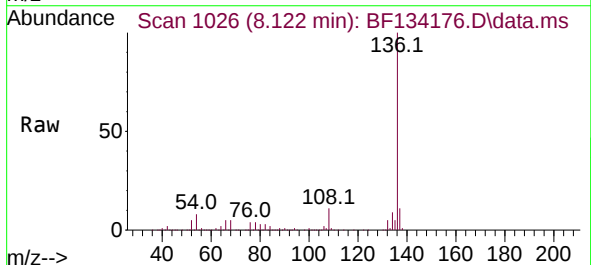


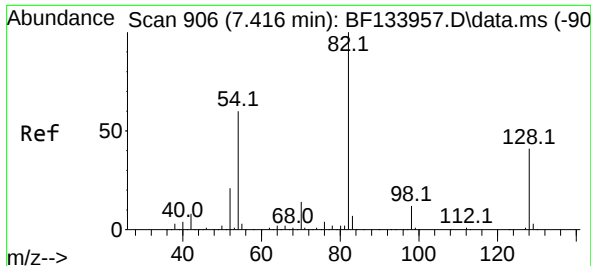
Tgt Ion: 70 Resp: 124122
Ion Ratio Lower Upper
70 100
42 52.9 54.7 82.1#
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Tgt Ion: 136 Resp: 627929
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.4 6.5 9.7
68 5.2 4.2 6.2

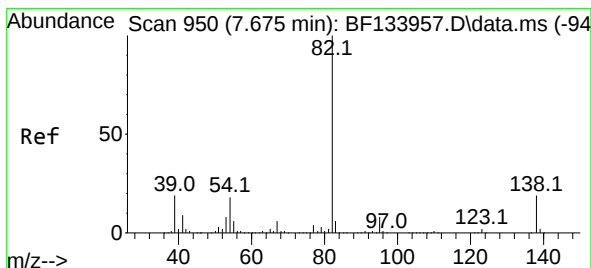
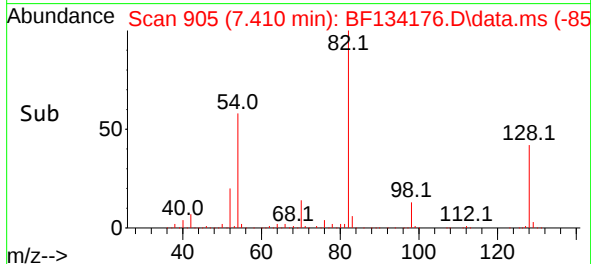
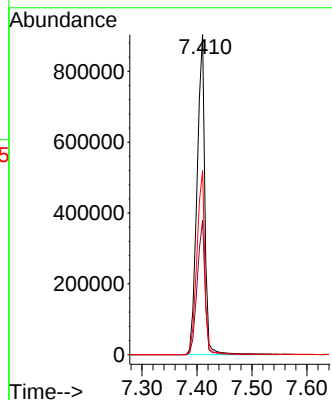
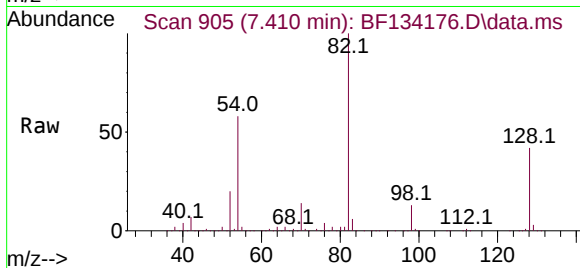




#23
Nitrobenzene-d5
Concen: 76.561 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

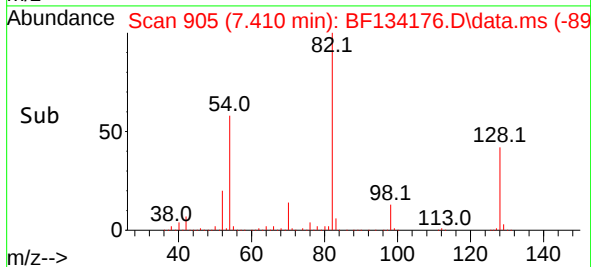
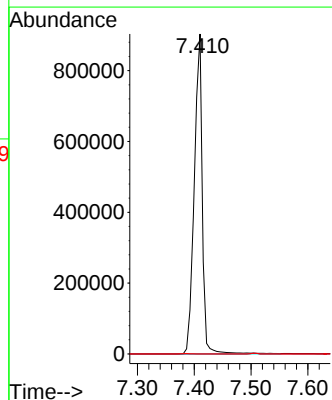
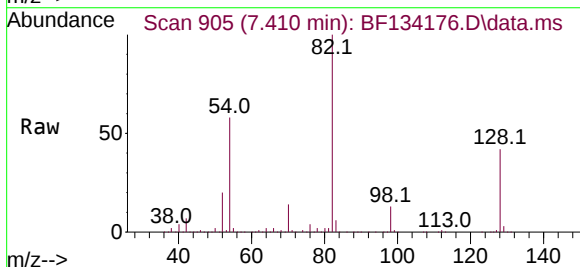
Instrument :
BNA_F
ClientSampleId :

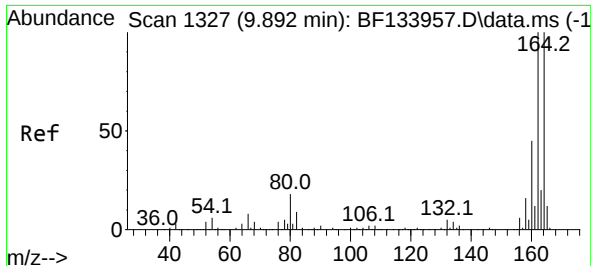
Tgt Ion: 82 Resp: 891838
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 57.6 48.2 72.2



#25
Isophorone
Concen: 42.126 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

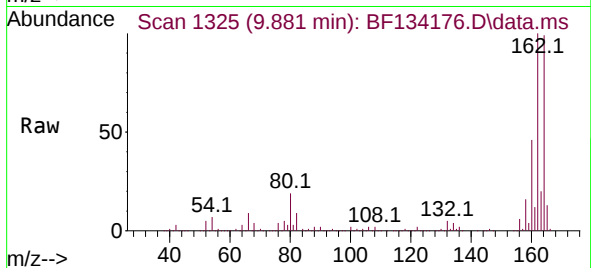
Tgt Ion: 82 Resp: 891830
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



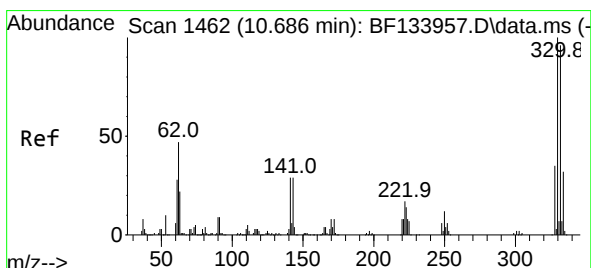
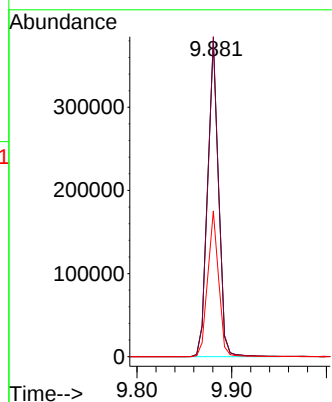
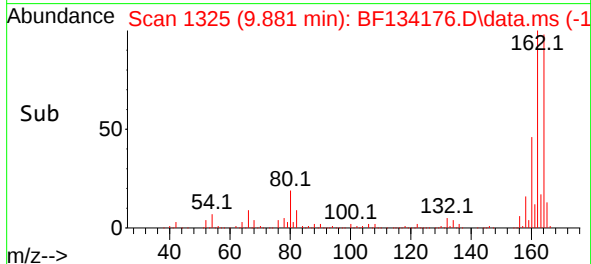


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

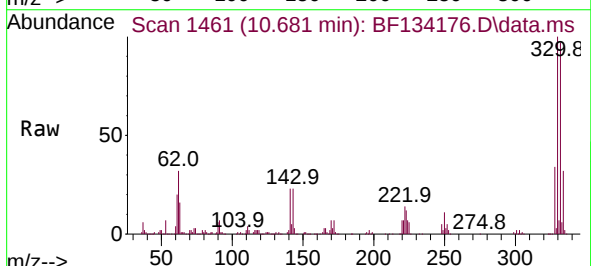
Instrument :
BNA_F
ClientSampleId :



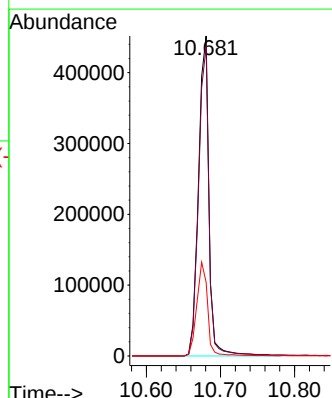
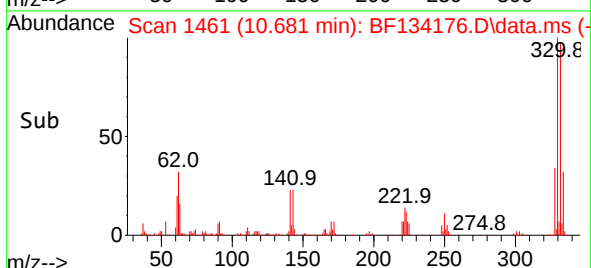
Tgt Ion:164 Resp: 304623
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 46.1 35.9 53.9

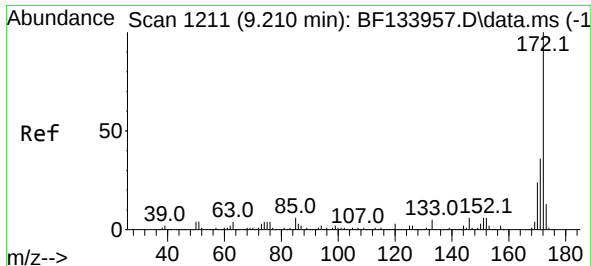


#42
2,4,6-Tribromophenol
Concen: 116.369 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44



Tgt Ion:330 Resp: 444455
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.3 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 78.708 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Instrument :

BNA_F

ClientSampleId :

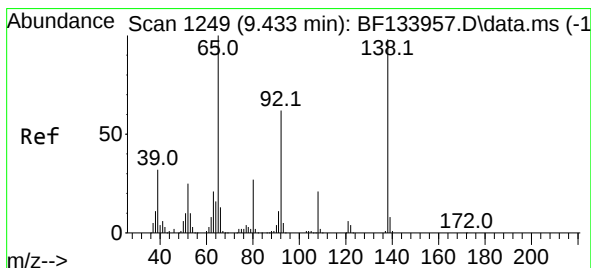
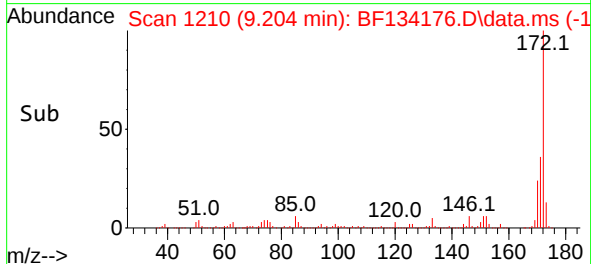
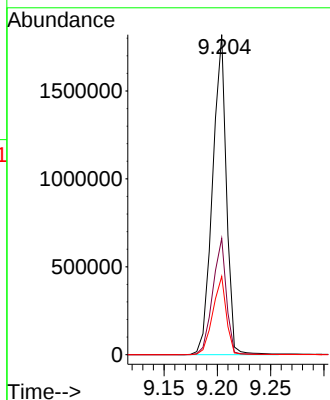
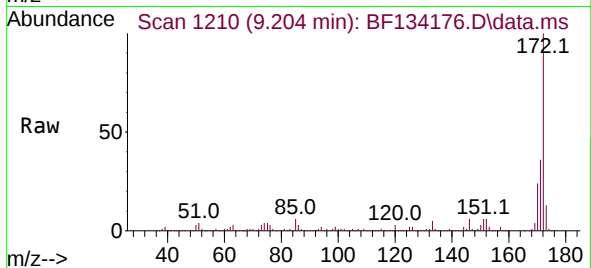
Tgt Ion:172 Resp: 1649100

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.4 19.4 29.0



#48

2-Nitroaniline

Concen: 4.291 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.118 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

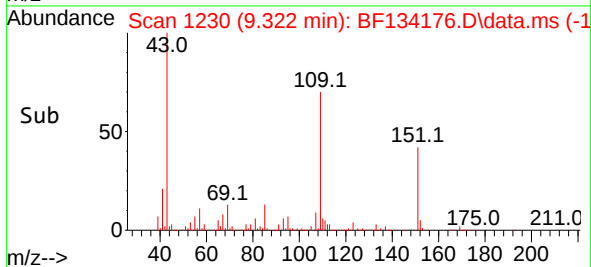
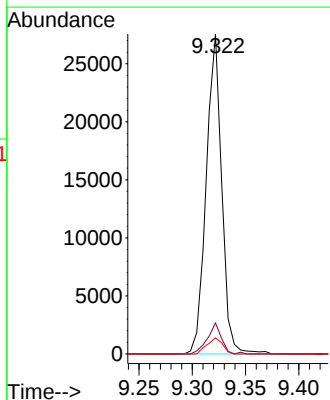
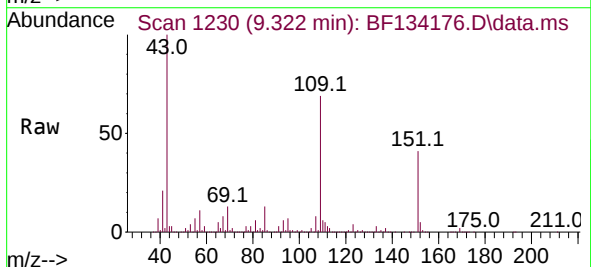
Tgt Ion: 65 Resp: 27959

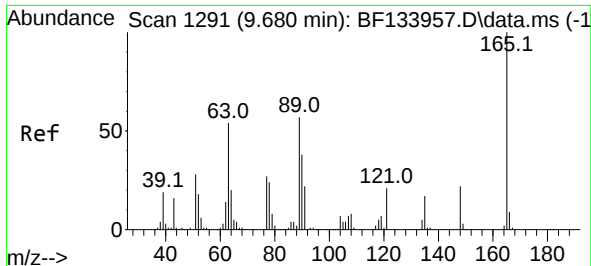
Ion Ratio Lower Upper

65 100

92 9.7 49.5 74.3#

138 5.0 78.0 117.0#





#51

2,6-Dinitrotoluene

Concen: 8.096 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Instrument :

BNA_F

ClientSampleId :

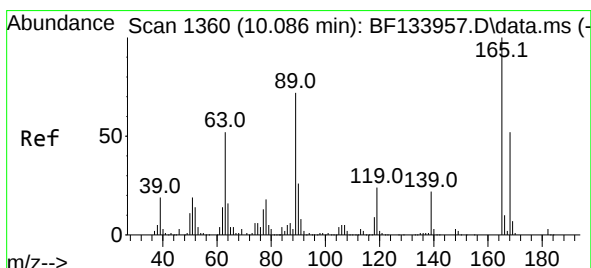
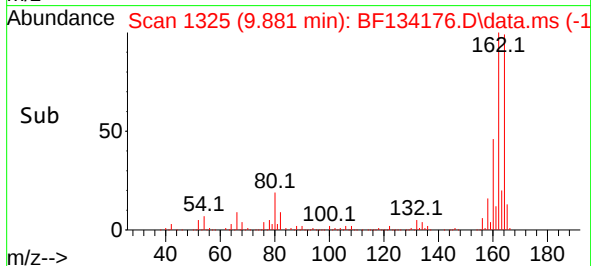
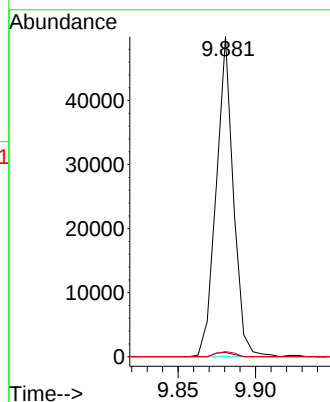
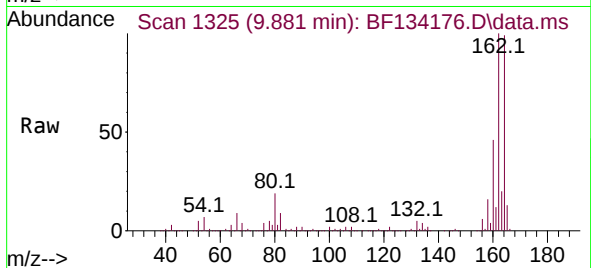
Tgt Ion:165 Resp: 38559

Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.6 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.130 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134176.D

Acq: 09 Jul 2023 07:44

Tgt Ion:165 Resp: 38559

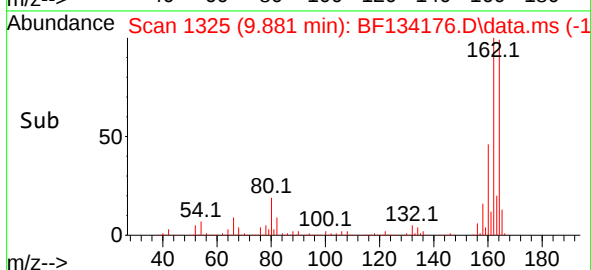
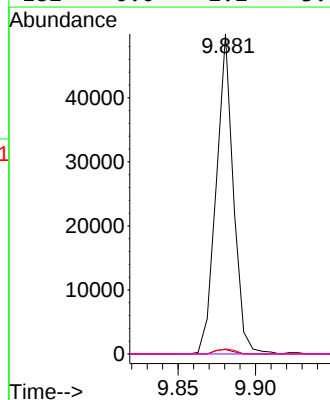
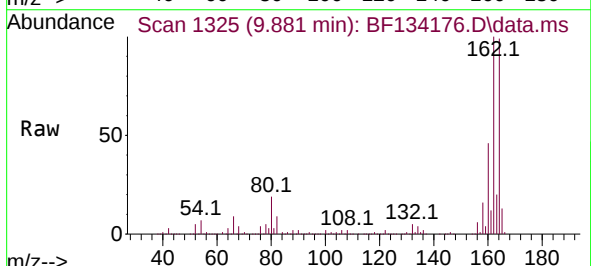
Ion Ratio Lower Upper

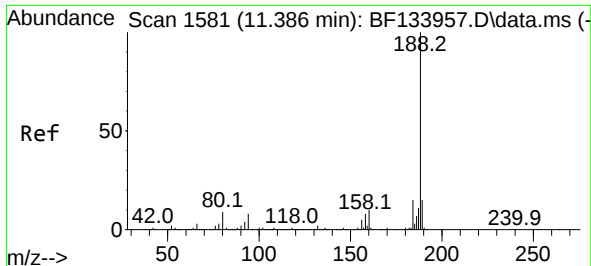
165 100

63 1.3 42.2 63.2#

89 1.6 57.4 86.2#

182 0.0 2.2 3.4#

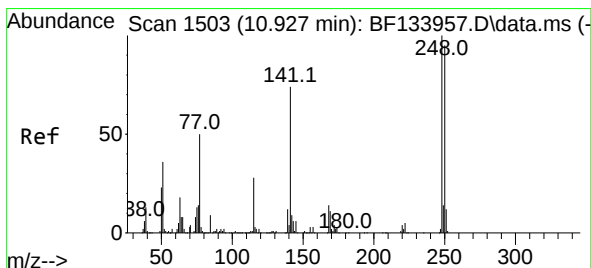
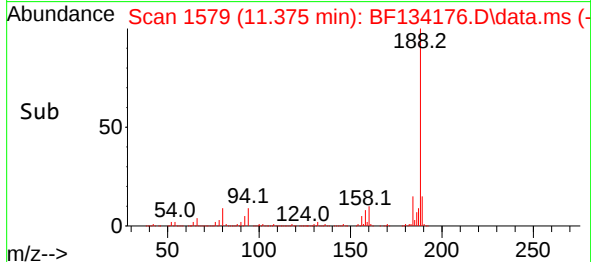
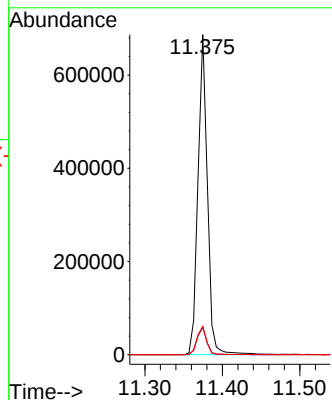
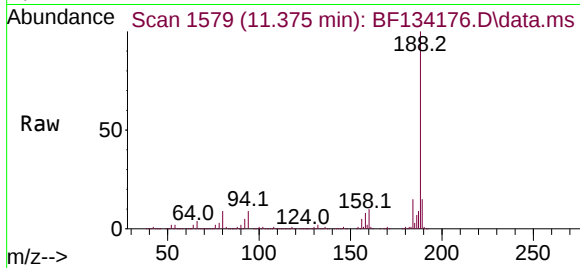




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

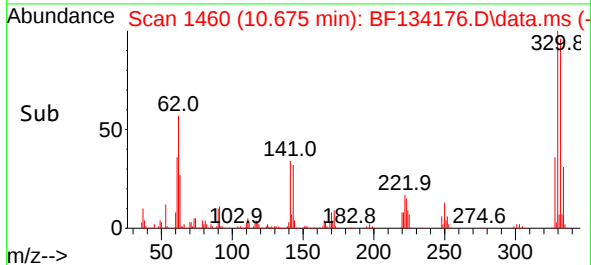
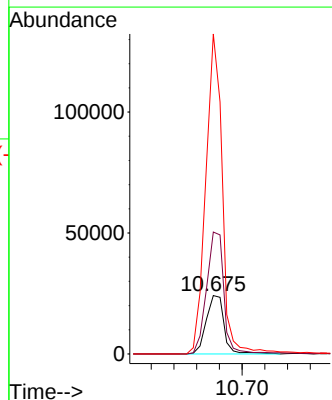
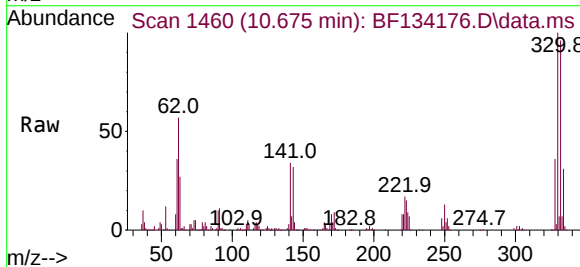
Instrument :
BNA_F
ClientSampleId :

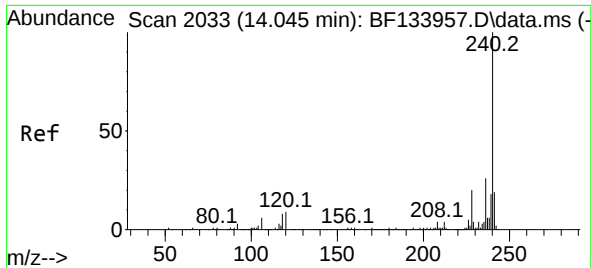
Tgt Ion:188 Resp: 581529
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 8.9 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.244 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

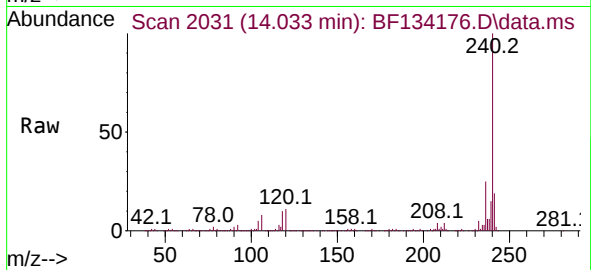
Tgt Ion:248 Resp: 26234
Ion Ratio Lower Upper
248 100
250 208.5 76.2 114.4#
141 547.2 59.0 88.4#



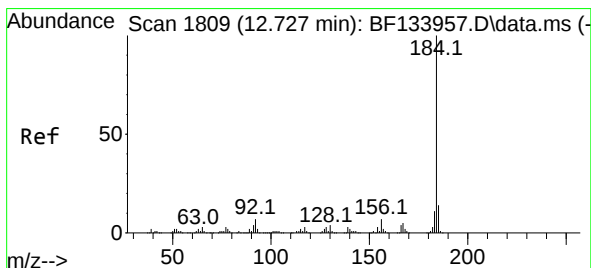
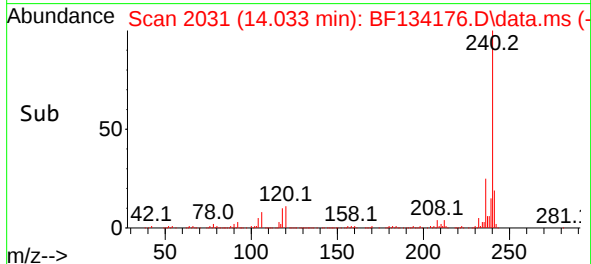
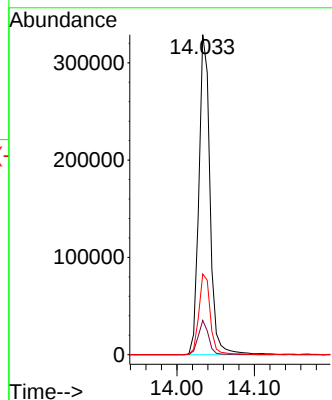


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

Instrument :
BNA_F
ClientSampleId :

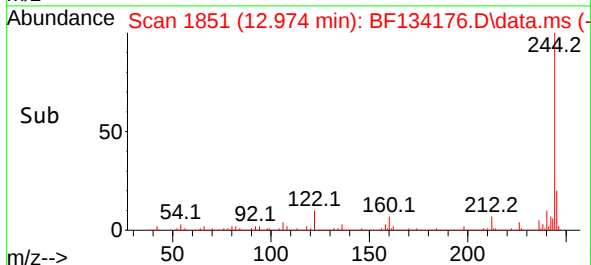
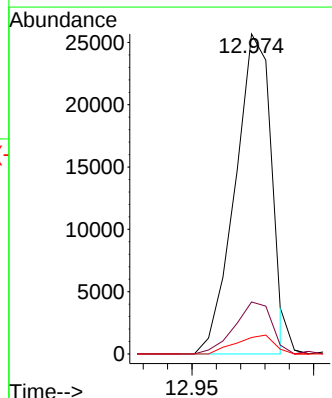
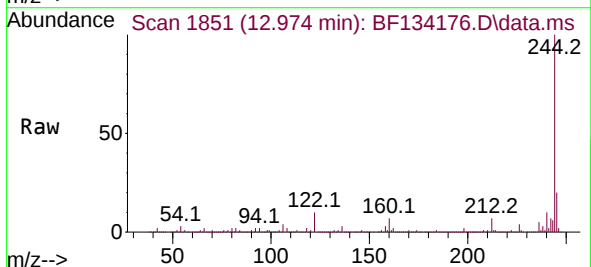


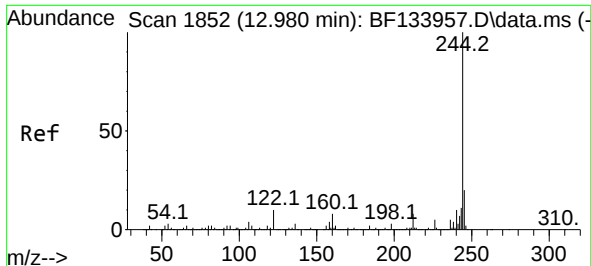
Tgt Ion:240 Resp: 326261
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.2 21.0 31.6



#77
Benzidine
Concen: 3.416 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134176.D
Acq: 09 Jul 2023 07:44

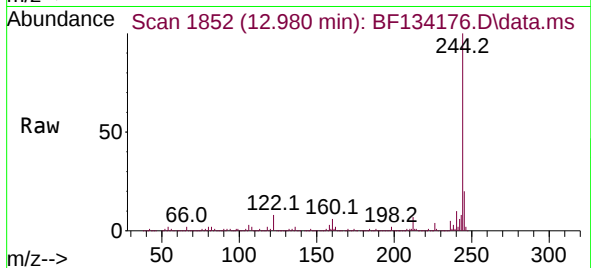
Tgt Ion:184 Resp: 26516
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 5.1 8.8 13.2#



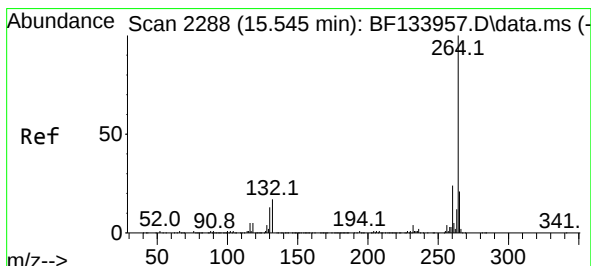
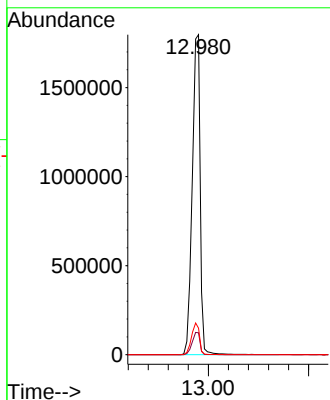
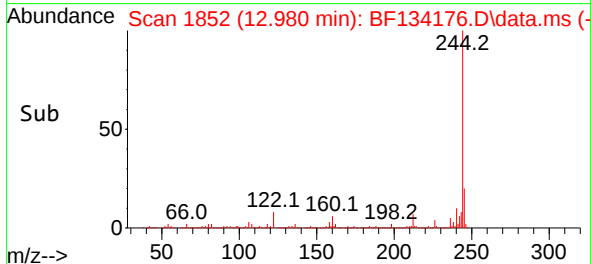


#79
 Terphenyl-d14
 Concen: 97.048 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134176.D
 Acq: 09 Jul 2023 07:44

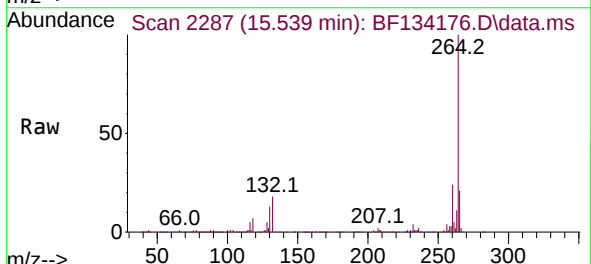
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1967346
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.3 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: BF134176.D
 Acq: 09 Jul 2023 07:44



Tgt Ion:264 Resp: 323531
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 16.6 25.0

