

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134175.D
 Acq On : 09 Jul 2023 07:11
 Operator : CG\JU
 Sample : 03510-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 01:49:35 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)

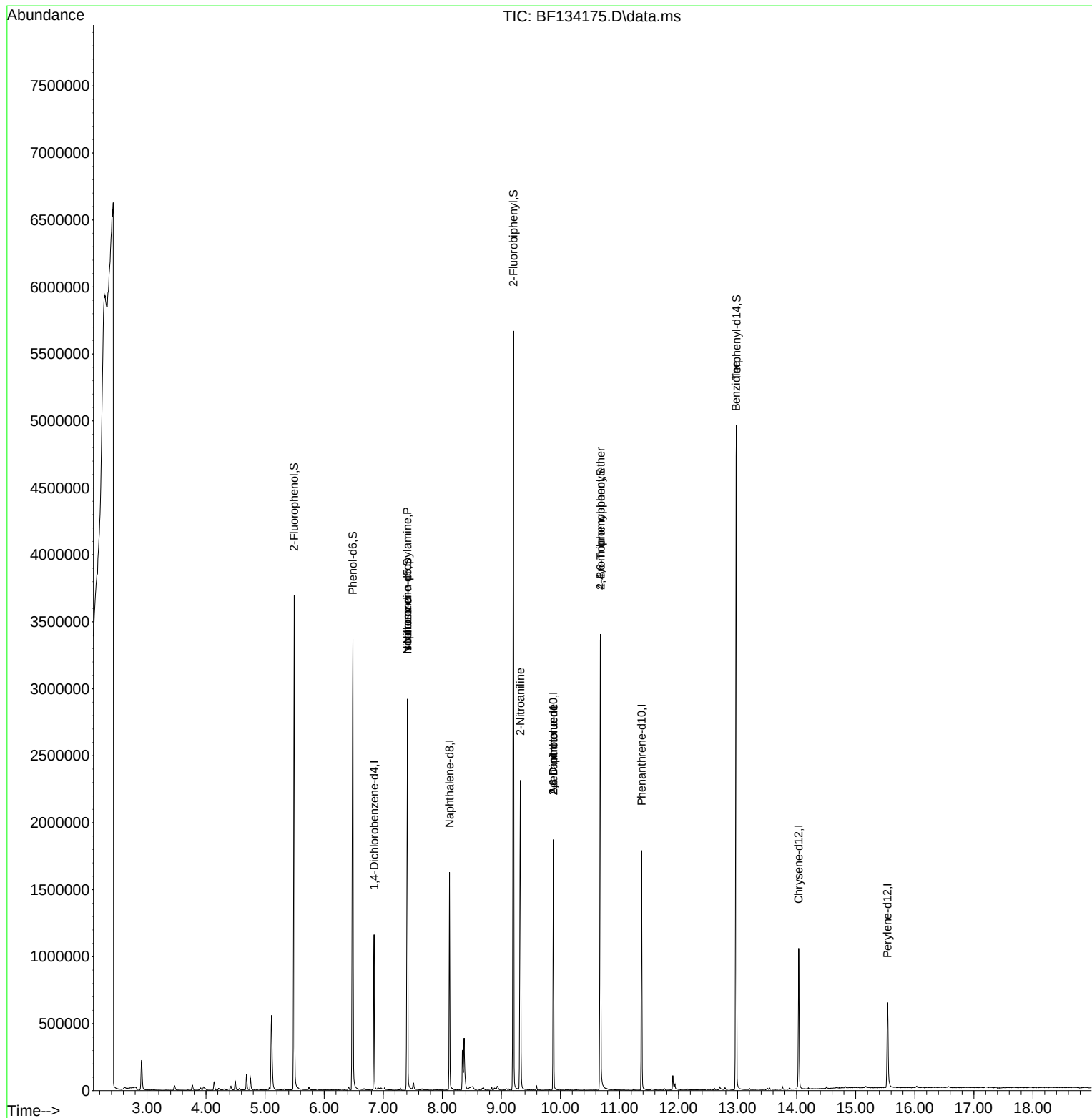
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	165801	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	662012	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	343229	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	631542	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	365093	20.000	ng	-0.02
86) Perylene-d12	15.539	264	347838	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1052762	106.213	ng	0.00
7) Phenol-d6	6.487	99	1224045	100.418	ng	0.00
23) Nitrobenzene-d5	7.410	82	955439	77.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	517326	120.213	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1735473	73.513	ng	0.00
79) Terphenyl-d14	12.980	244	2080921	91.732	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	290	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.410	70	135703	17.555	ng	# 76
25) Isophorone	7.410	82	955433	42.806	ng	# 64
48) 2-Nitroaniline	9.322	65	25847	3.521	ng	# 16
51) 2,6-Dinitrotoluene	9.881	165	43361	8.080	ng	# 24
57) 2,4-Dinitrotoluene	9.881	165	43361	6.118	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	29969	4.465	ng	# 1
77) Benzidine	12.975	184	27315	3.144	ng	# 92

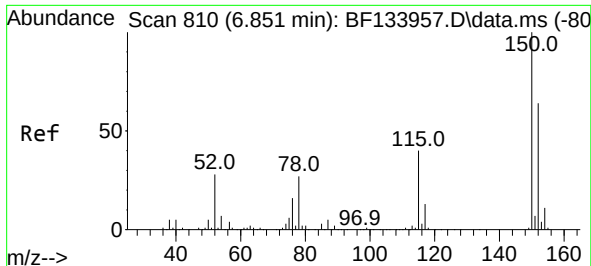
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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Misc :
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Instrument :
BNA_F
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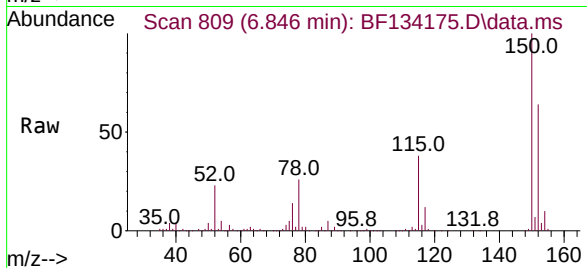
Quant Time: Jul 10 01:49:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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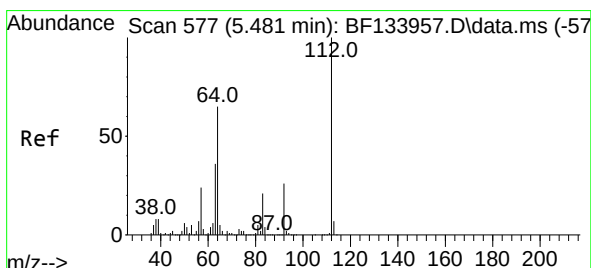
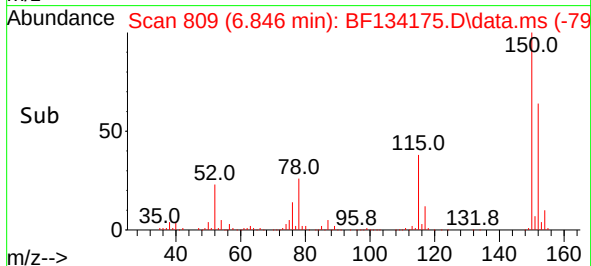
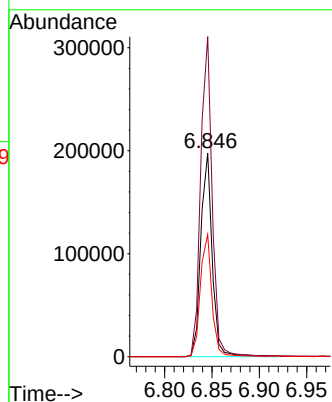


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :

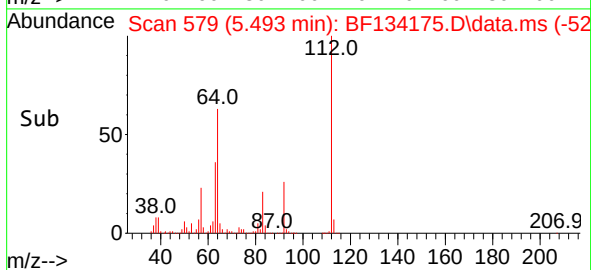
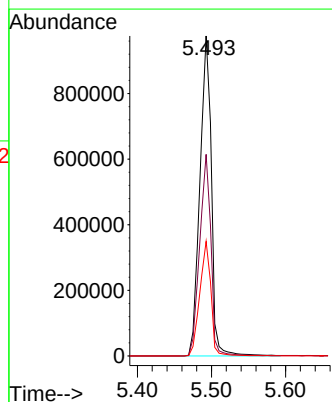
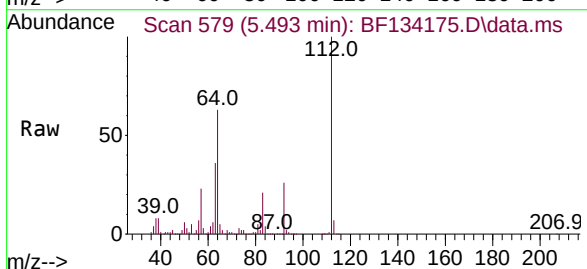


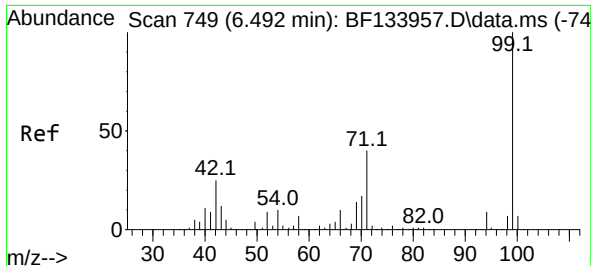
Tgt Ion:152 Resp: 165801
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 60.0 50.2 75.2



#5
2-Fluorophenol
Concen: 106.213 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

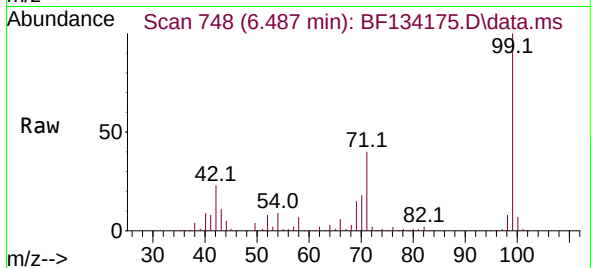
Tgt Ion:112 Resp: 1052762
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 35.8 28.6 42.8





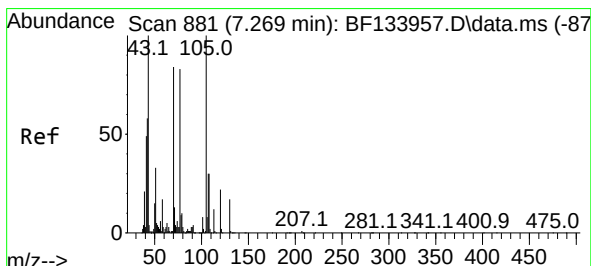
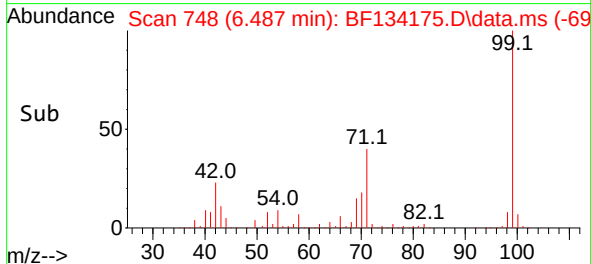
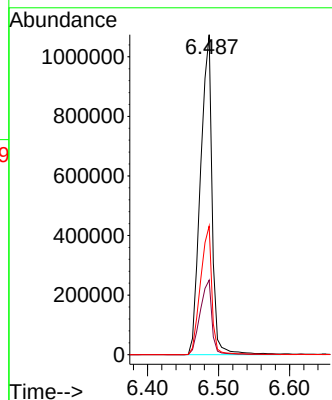
#7
Phenol-d6
Concen: 100.418 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1224045

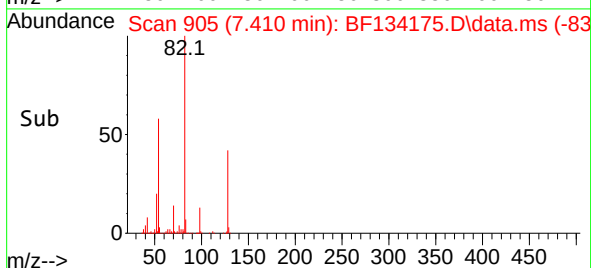
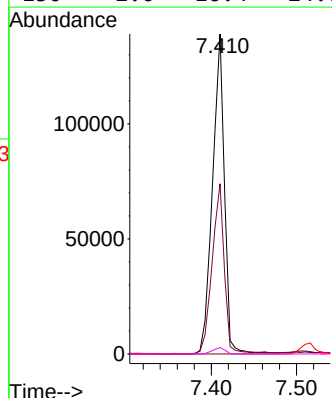
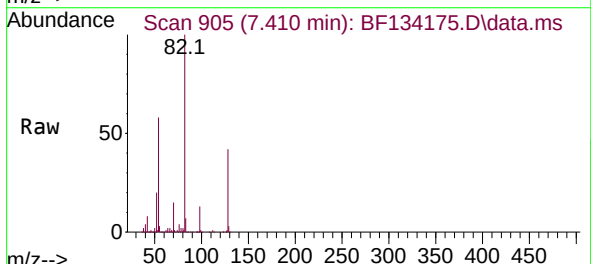
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.8	29.6
71	40.2	31.9	47.9

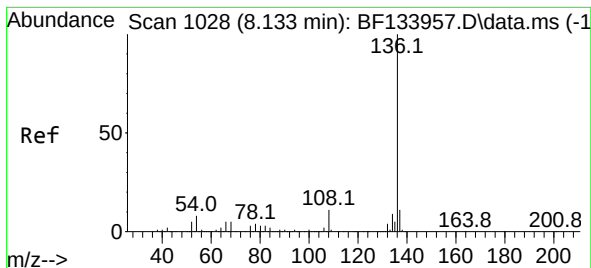


#19
n-Nitroso-di-n-propylamine
Concen: 17.555 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Tgt Ion: 70 Resp: 135703

Ion	Ratio	Lower	Upper
70	100		
42	53.2	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# 1

Delta R.T. -0.012 min

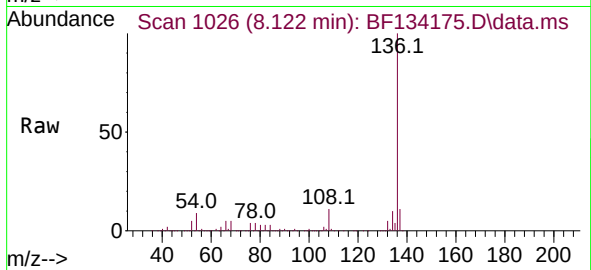
Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 662012

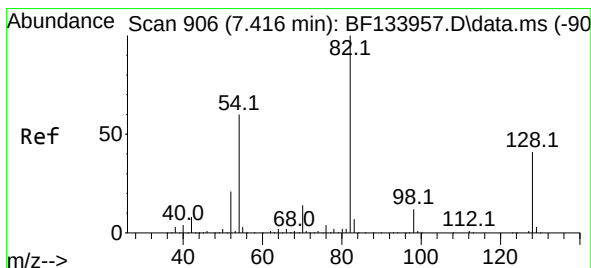
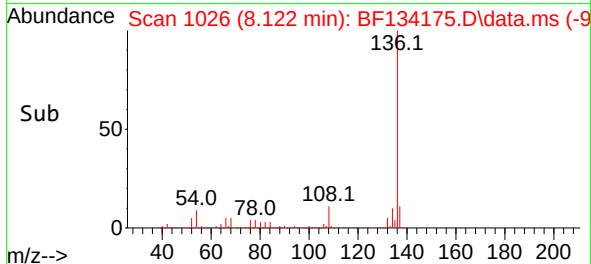
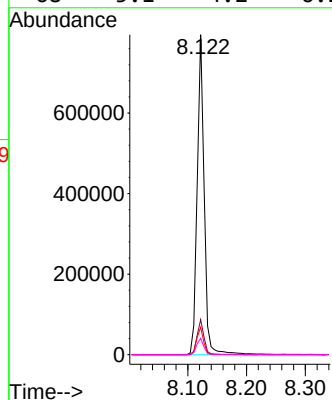
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.6 6.5 9.7

68 5.1 4.2 6.2



#23

Nitrobenzene-d5

Concen: 77.798 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

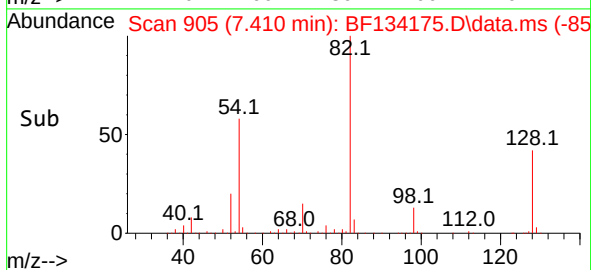
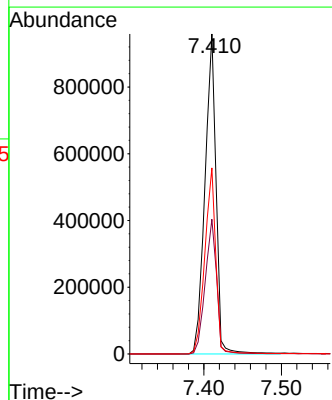
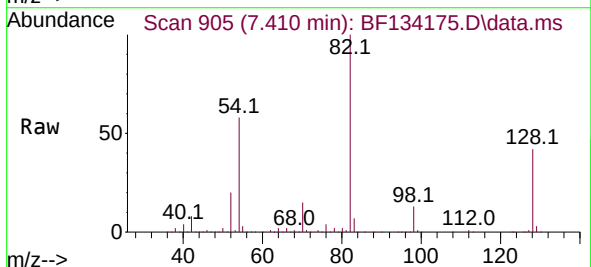
Tgt Ion: 82 Resp: 955439

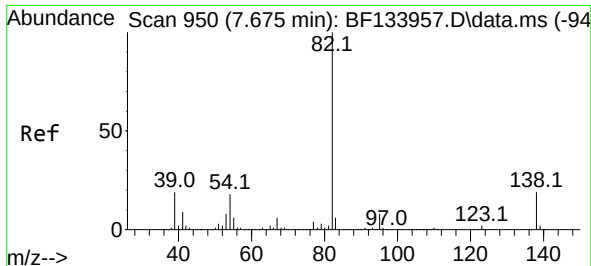
Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

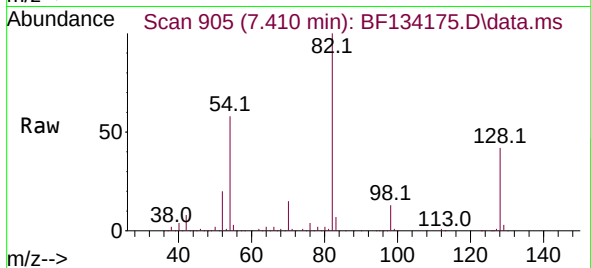
54 58.2 48.2 72.2



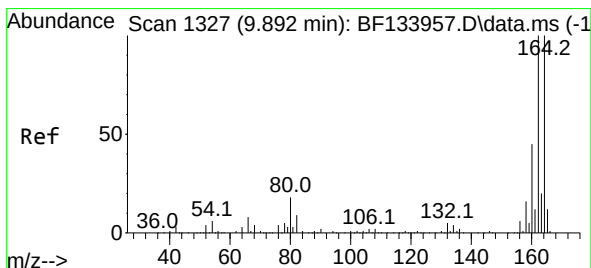
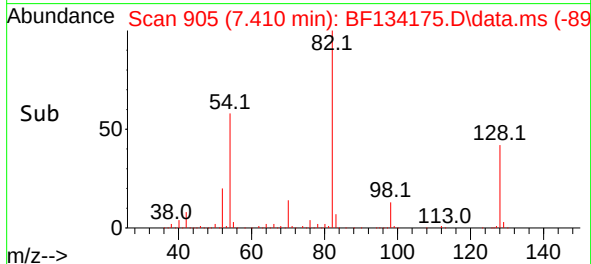
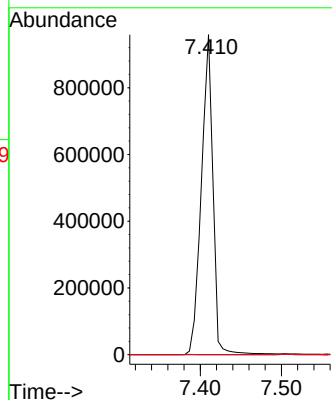


#25
Isophorone
Concen: 42.806 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :

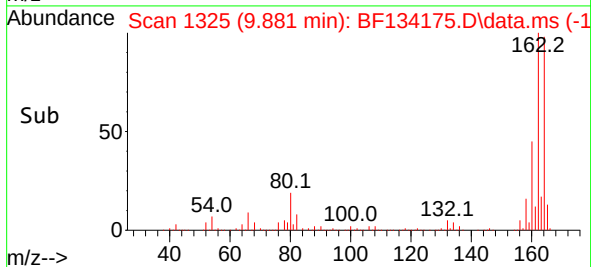
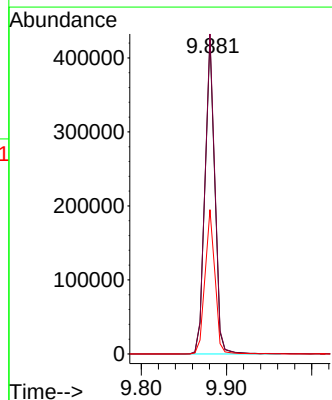
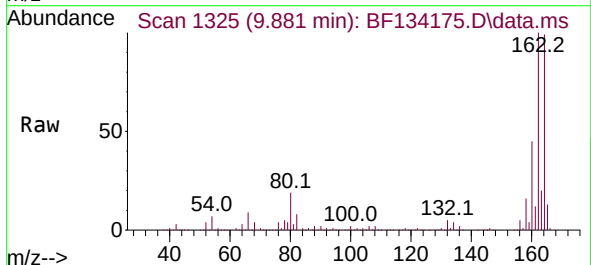


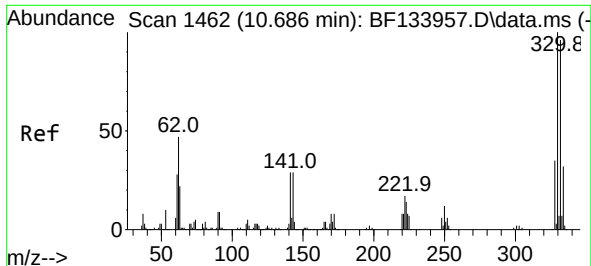
Tgt Ion: 82 Resp: 955433
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Tgt Ion:164 Resp: 343229
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 120.213 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

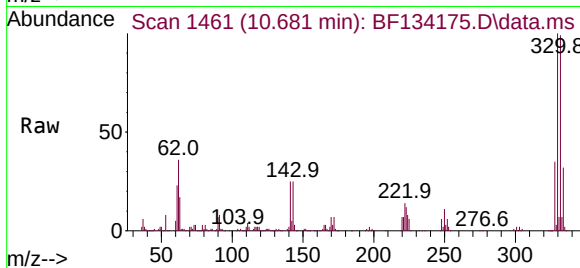
Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

Instrument :

BNA_F

ClientSampleId :



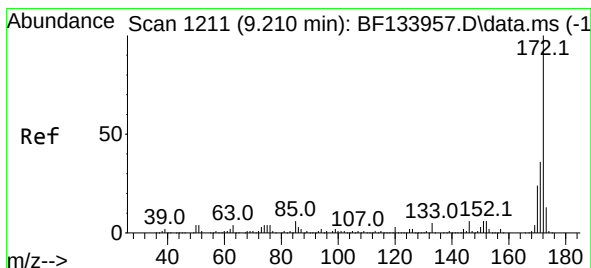
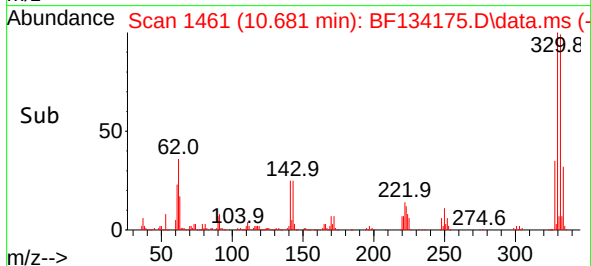
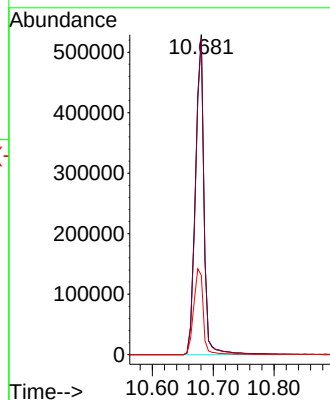
Tgt Ion:330 Resp: 517326

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

141 30.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 73.513 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

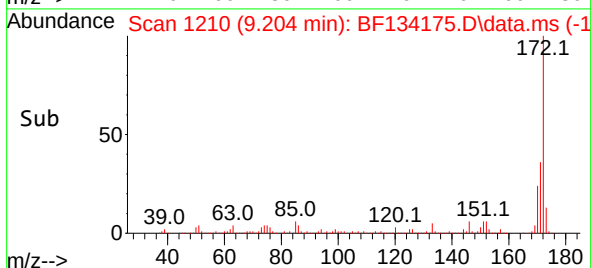
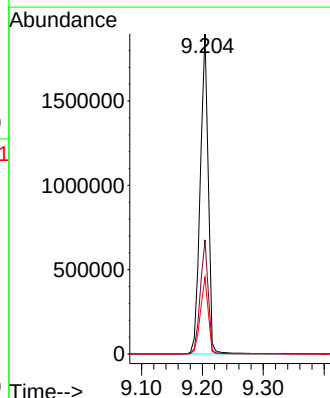
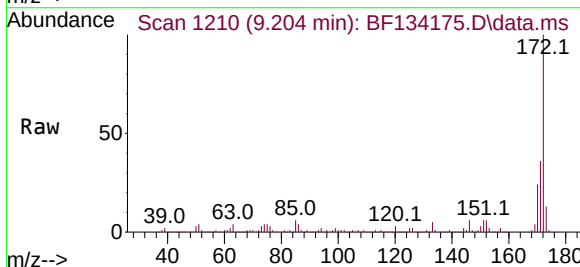
Tgt Ion:172 Resp: 1735473

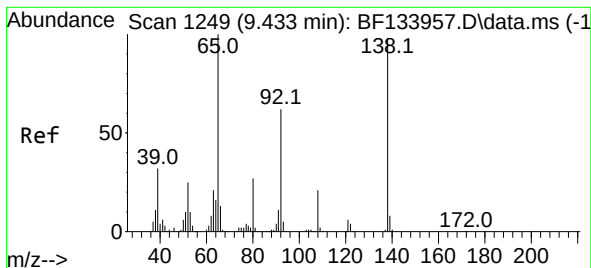
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.0 19.4 29.0





#48

2-Nitroaniline

Concen: 3.521 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.118 min

Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

Instrument :

BNA_F

ClientSampleId :

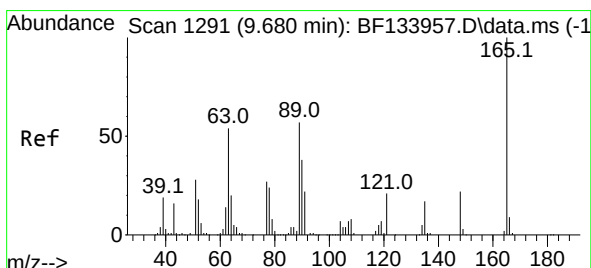
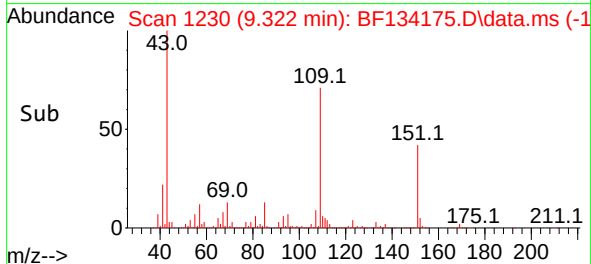
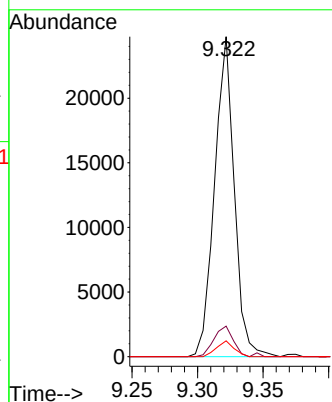
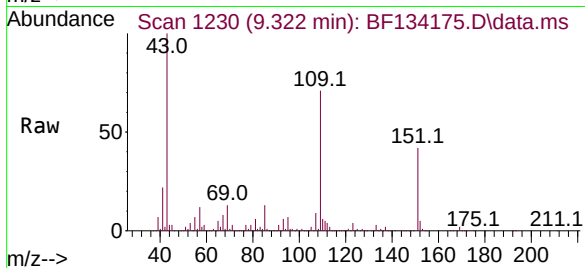
Tgt Ion: 65 Resp: 25847

Ion Ratio Lower Upper

65 100

92 9.6 49.5 74.3#

138 5.0 78.0 117.0#



#51

2,6-Dinitrotoluene

Concen: 8.080 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.200 min

Lab File: BF134175.D

Acq: 09 Jul 2023 07:11

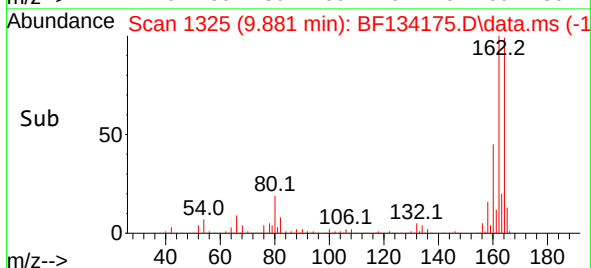
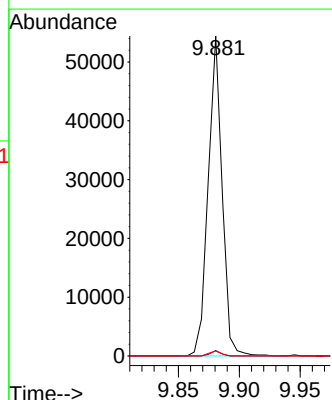
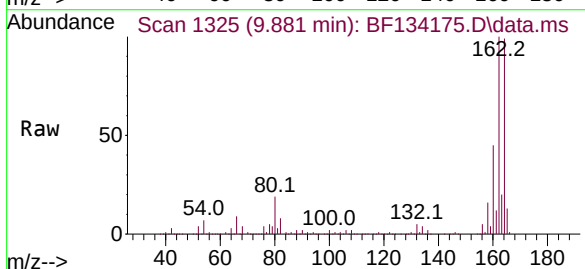
Tgt Ion: 165 Resp: 43361

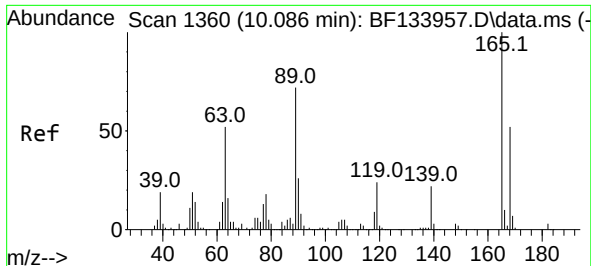
Ion Ratio Lower Upper

165 100

63 1.7 48.5 72.7#

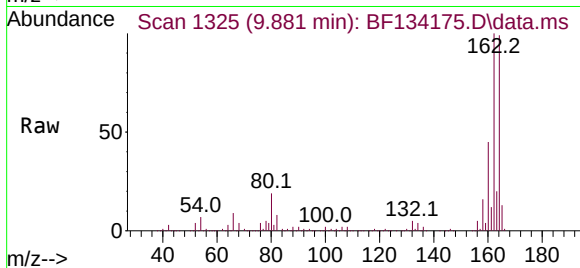
89 1.5 45.5 68.3#



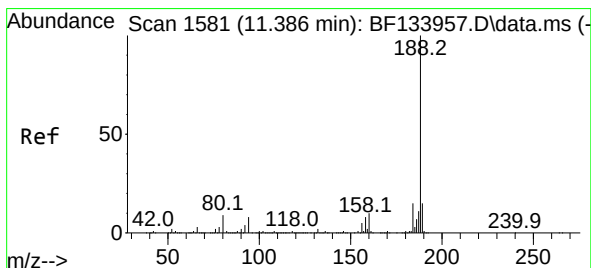
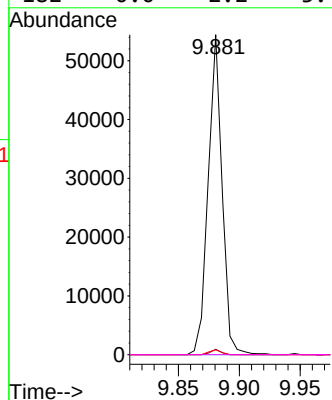
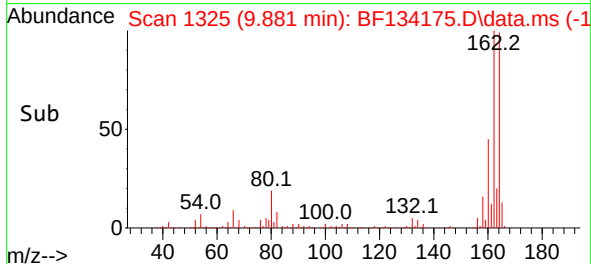


#57
2,4-Dinitrotoluene
Concen: 6.118 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

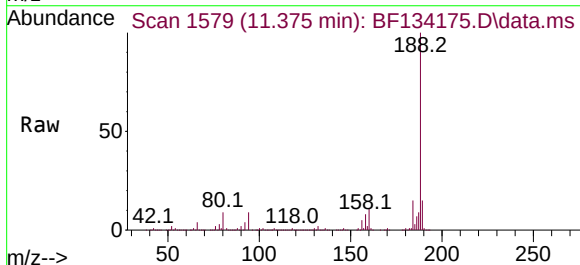
Instrument :
BNA_F
ClientSampleId :



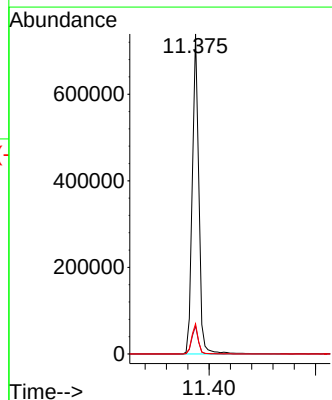
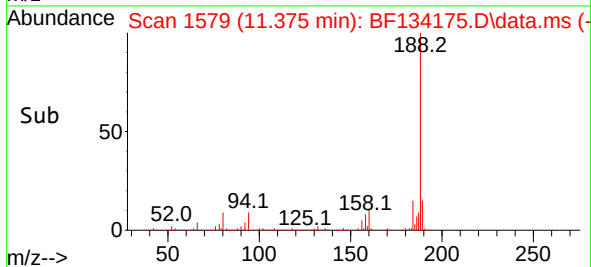
Tgt Ion:165 Resp: 43361
Ion Ratio Lower Upper
165 100
63 1.7 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#

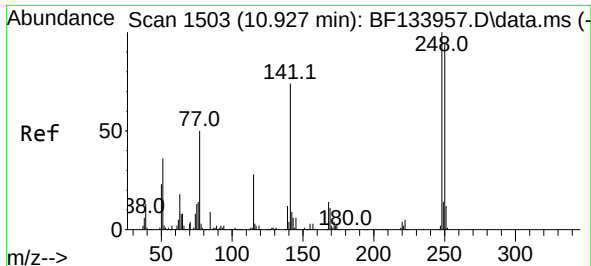


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11



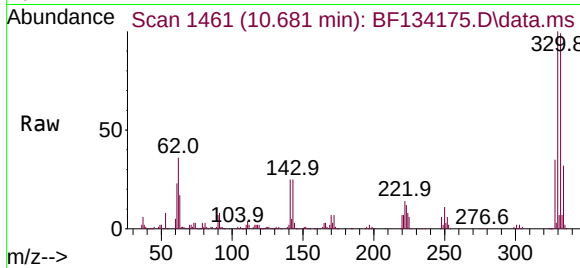
Tgt Ion:188 Resp: 631542
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.4 7.3 10.9



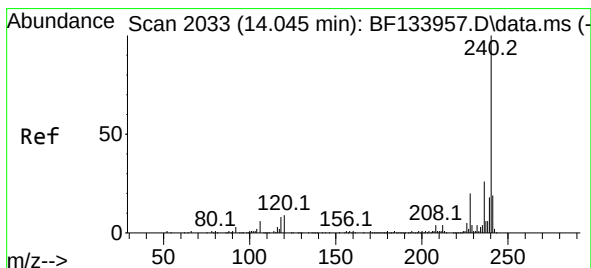
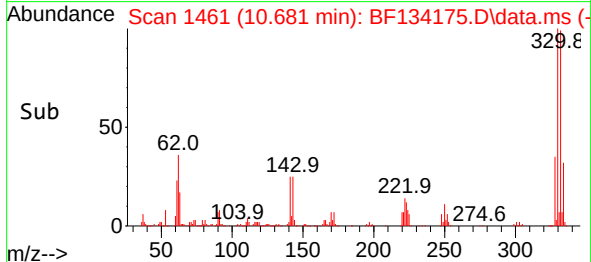
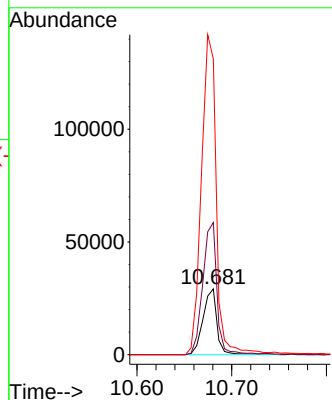


#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :

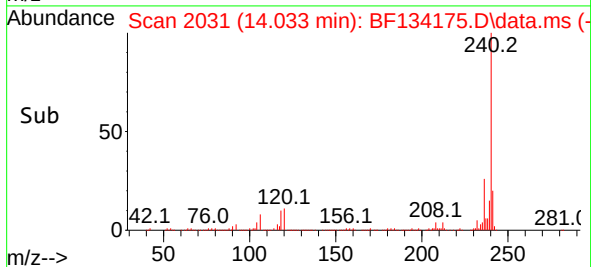
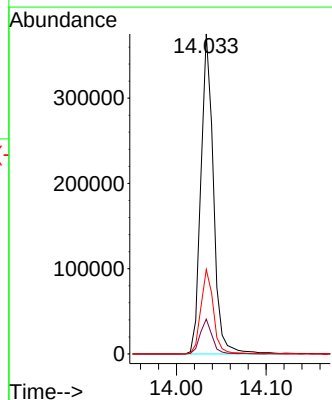
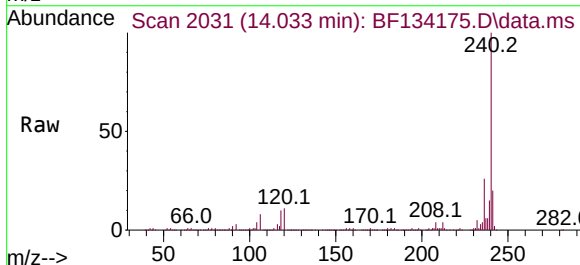


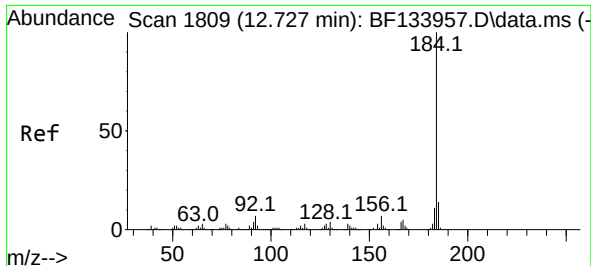
Tgt Ion:248 Resp: 29969
Ion Ratio Lower Upper
248 100
250 200.9 76.2 114.4#
141 449.9 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

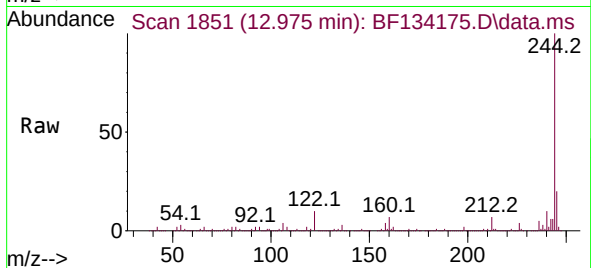
Tgt Ion:240 Resp: 365093
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 26.4 21.0 31.6



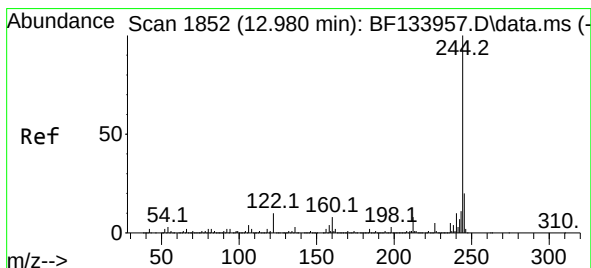
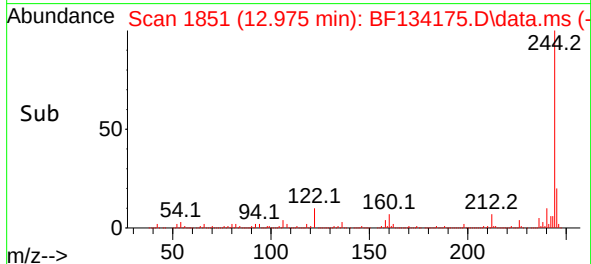
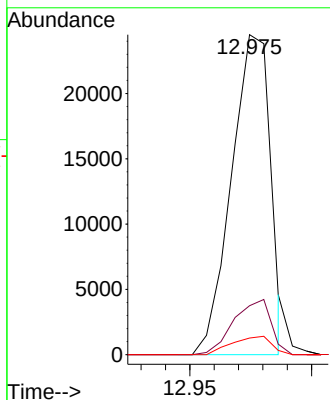


#77
Benzidine
Concen: 3.144 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :

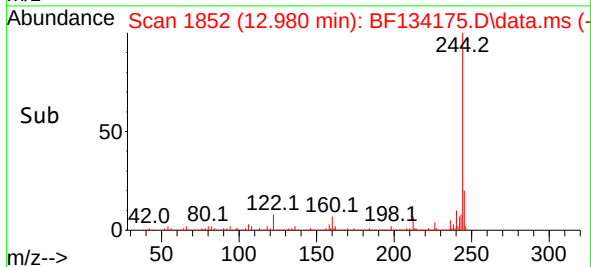
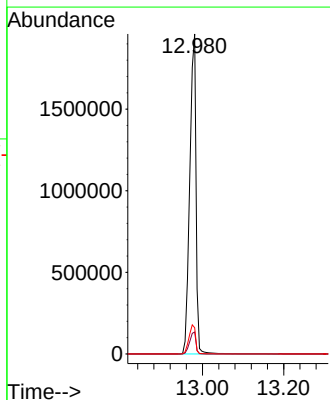
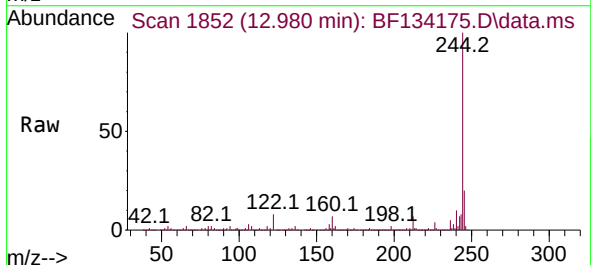


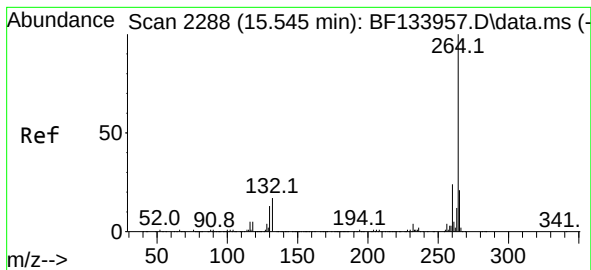
Tgt Ion:184 Resp: 27315
Ion Ratio Lower Upper
184 100
185 15.3 11.6 17.4
183 5.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 91.732 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

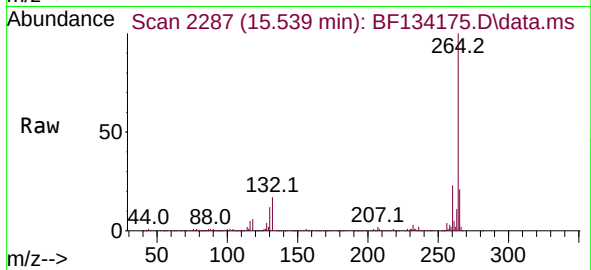
Tgt Ion:244 Resp: 2080921
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.2 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134175.D
Acq: 09 Jul 2023 07:11

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 347838

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.9	16.6	25.0

