

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134170.D
 Acq On : 09 Jul 2023 04:29
 Operator : CG\JU
 Sample : 03509-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 05:48:01 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)

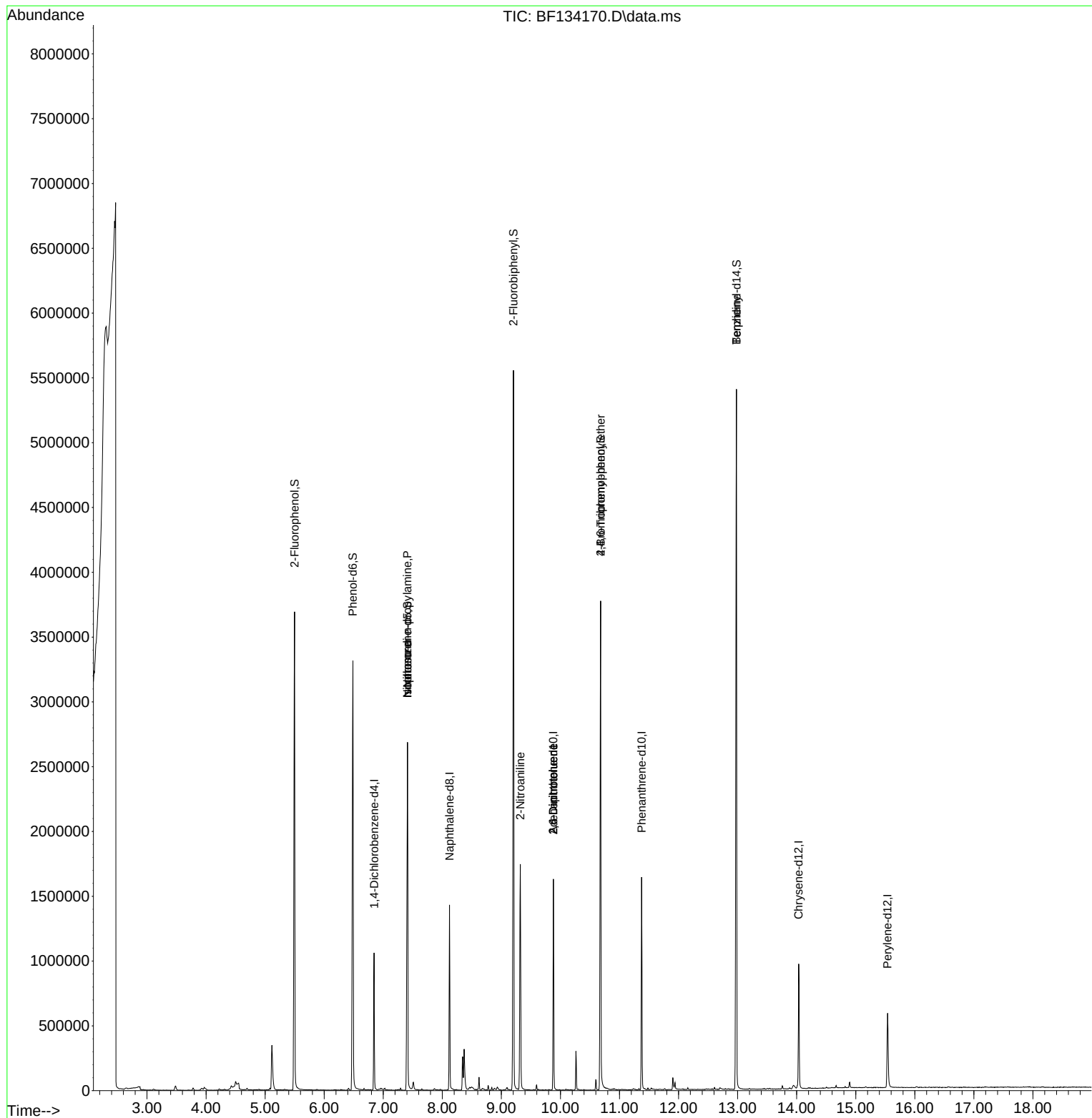
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	148970	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	593285	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	304741	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	588146	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	343708	20.000	ng	-0.02
86) Perylene-d12	15.539	264	301950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1066499	119.756	ng	0.01
7) Phenol-d6	6.487	99	1235899	112.846	ng	0.00
23) Nitrobenzene-d5	7.410	82	979043	88.955	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	526383	137.766	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1800317	85.892	ng	0.00
79) Terphenyl-d14	12.980	244	2136332	100.034	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	222	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	139615	20.102	ng	# 76
25) Isophorone	7.410	82	979036	48.945	ng	# 64
48) 2-Nitroaniline	9.322	65	20368	3.125	ng	# 14
51) 2,6-Dinitrotoluene	9.880	165	39654	8.323	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	39654	6.302	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	30577	4.891	ng	# 1
77) Benzidine	12.980	184	29340	3.588	ng	# 91

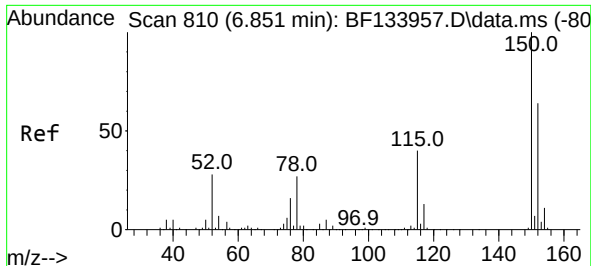
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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Instrument :
BNA_F
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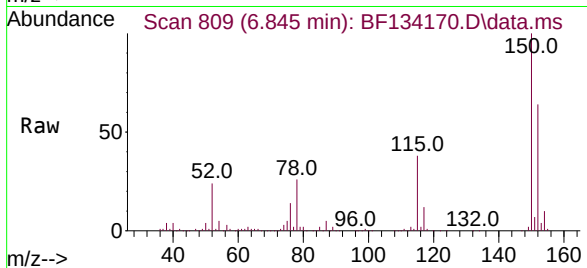
Quant Time: Jul 09 05:48:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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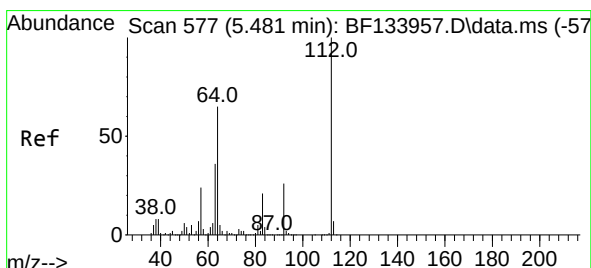
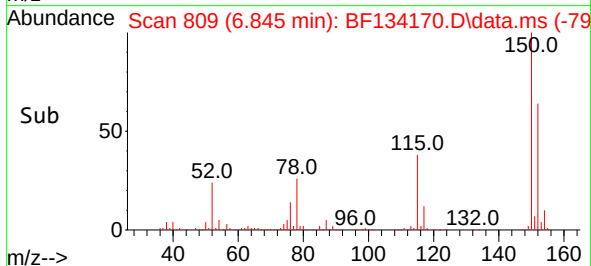
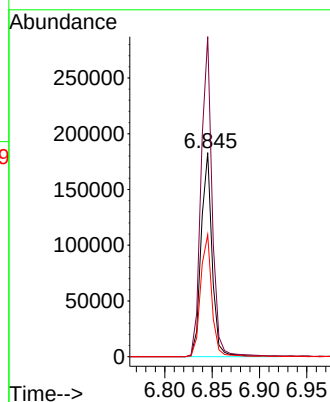


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Instrument :
BNA_F
ClientSampleId :

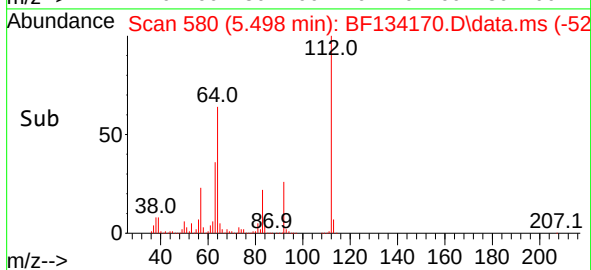
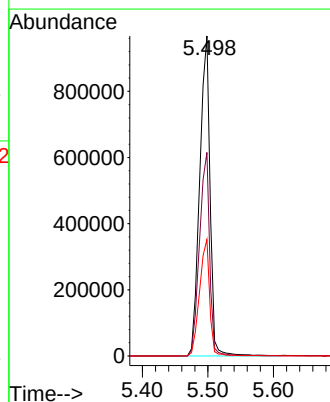
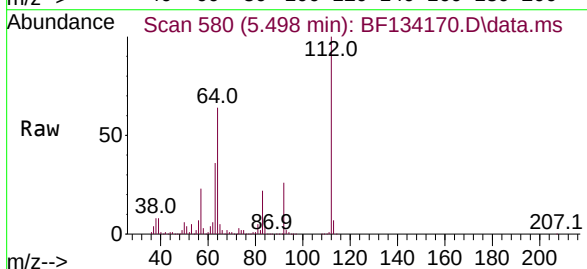


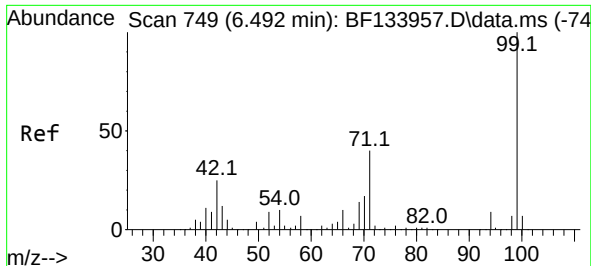
Tgt Ion:152 Resp: 148970
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 119.756 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:112 Resp: 1066499
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.4 28.6 42.8





#7

Phenol-d6

Concen: 112.846 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.006 min

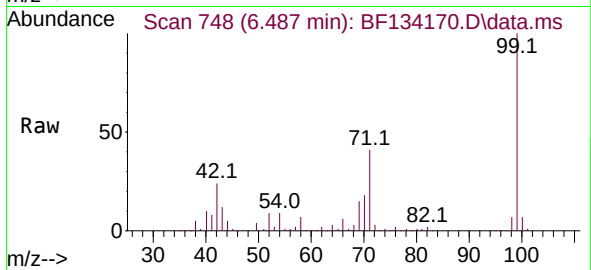
Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Instrument :

BNA_F

ClientSampleId :



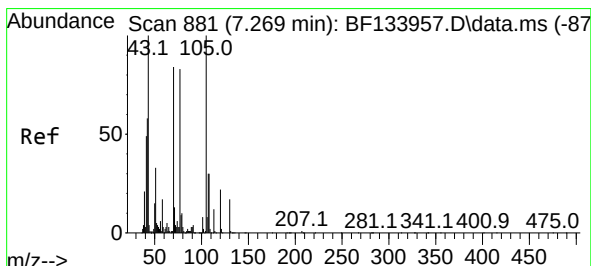
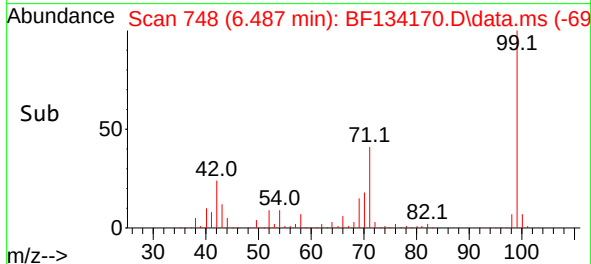
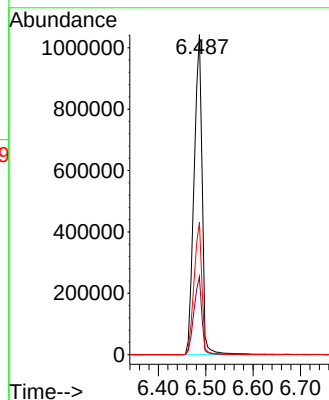
Tgt Ion: 99 Resp: 1235899

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

71 41.4 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 20.102 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.141 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Tgt Ion: 70 Resp: 139615

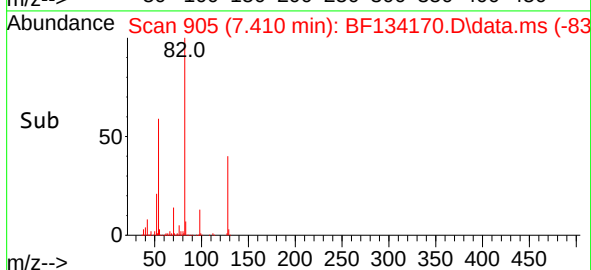
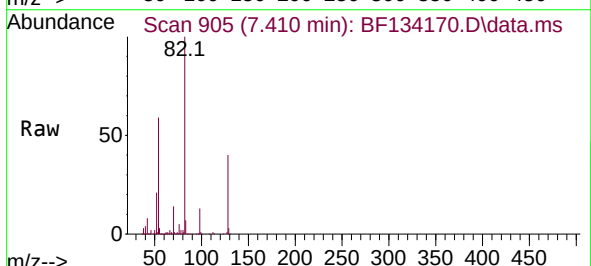
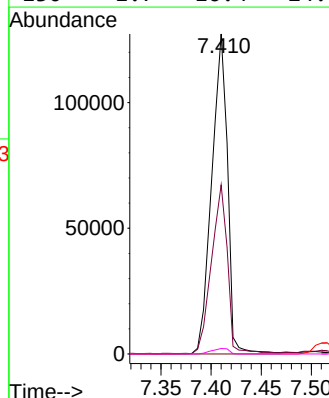
Ion Ratio Lower Upper

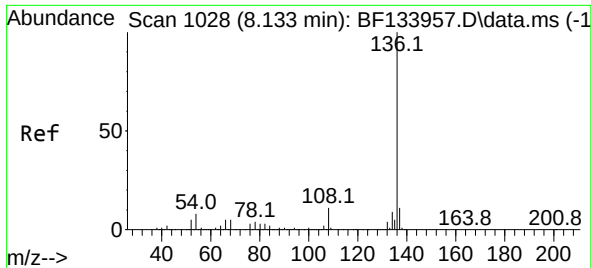
70 100

42 52.8 54.7 82.1#

101 0.0 7.7 11.5#

130 1.7 16.4 24.6#

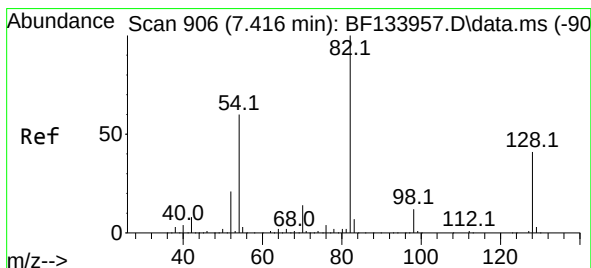
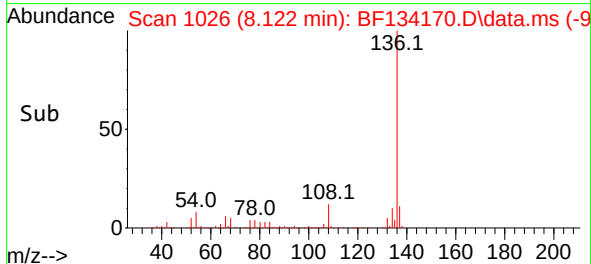
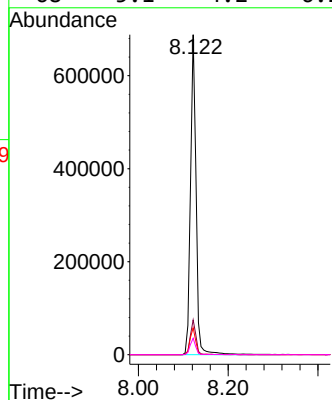
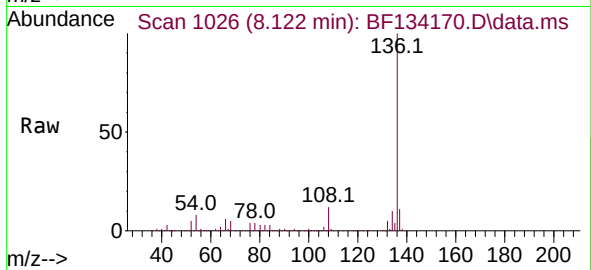




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

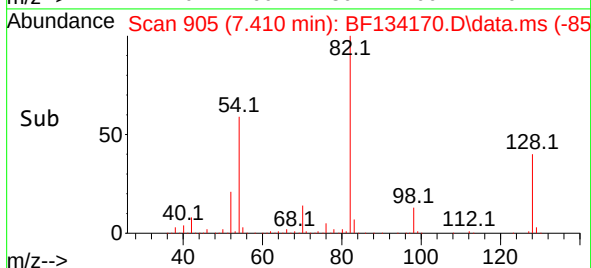
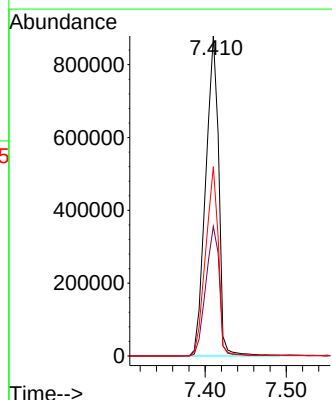
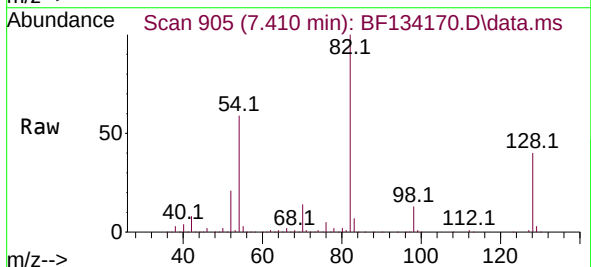
Instrument :
BNA_F
ClientSampleId :

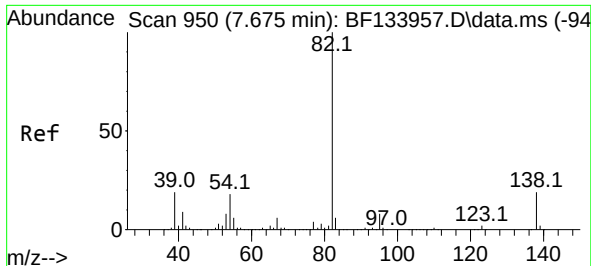
Tgt Ion:136 Resp: 593285
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.955 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

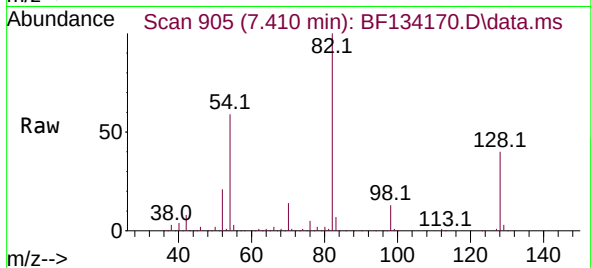
Tgt Ion: 82 Resp: 979043
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 59.1 48.2 72.2



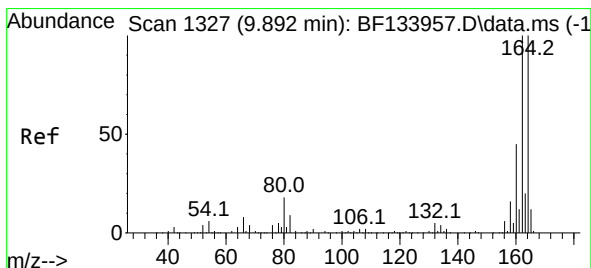
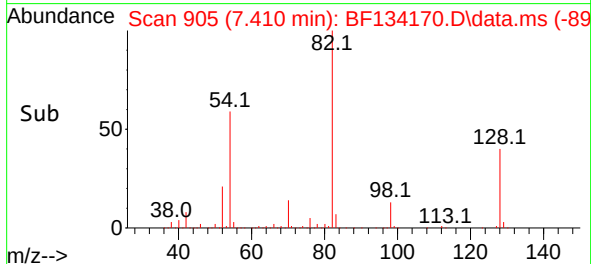
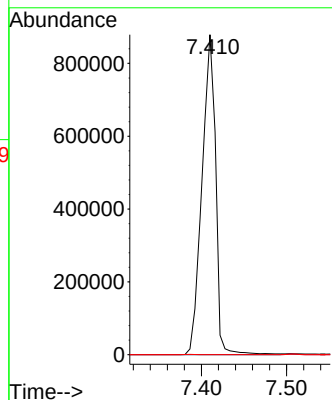


#25
Isophorone
Concen: 48.945 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Instrument :
BNA_F
ClientSampleId :

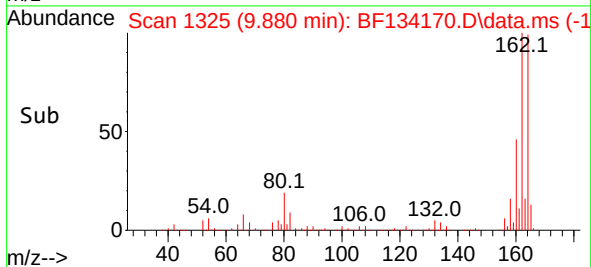
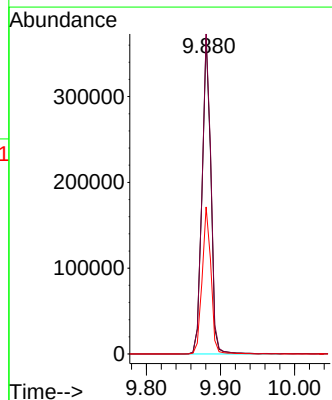
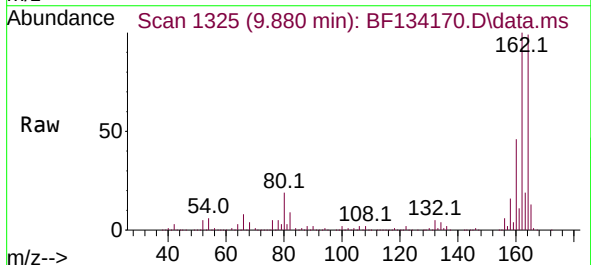


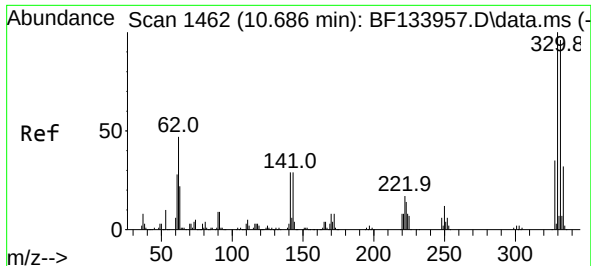
Tgt Ion: 82 Resp: 979036
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

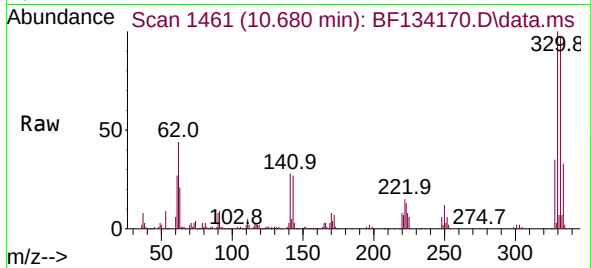
Tgt Ion:164 Resp: 304741
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 46.5 35.9 53.9



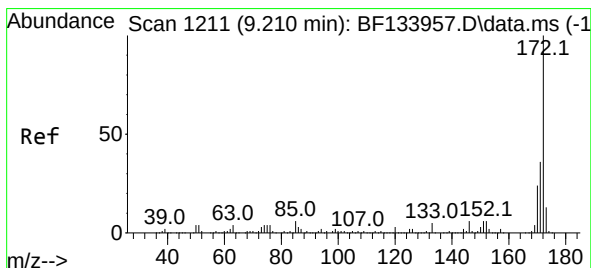
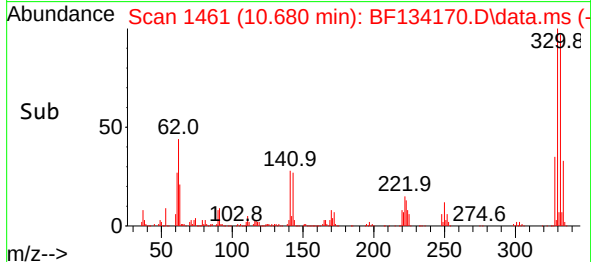
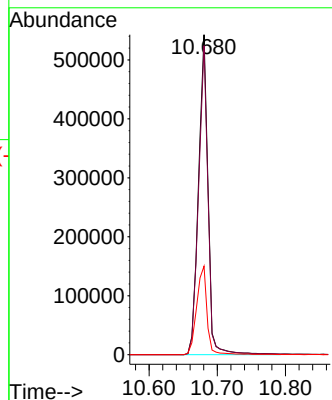


#42
2,4,6-Tribromophenol
Concen: 137.766 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Instrument :
BNA_F
ClientSampleId :

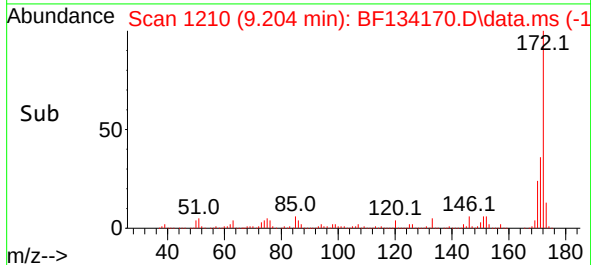
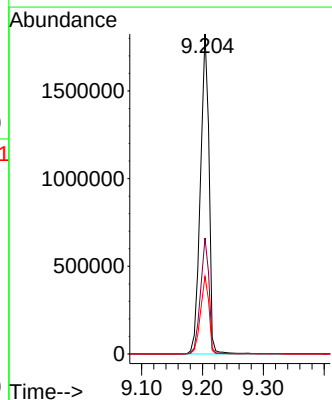
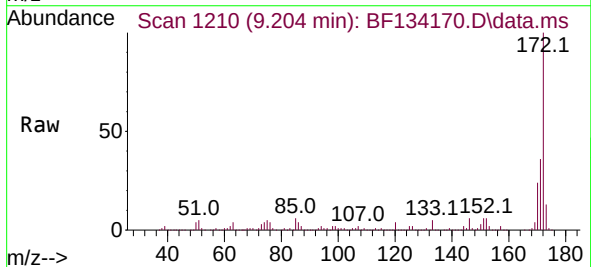


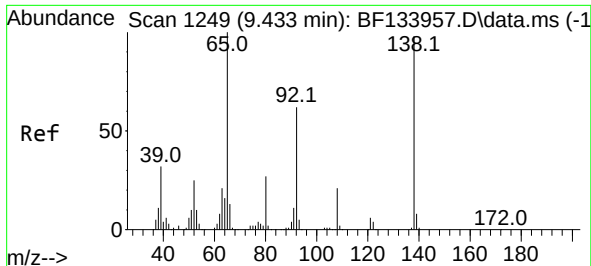
Tgt Ion:330 Resp: 526383
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.892 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:172 Resp: 1800317
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.2 19.4 29.0





#48

2-Nitroaniline

Concen: 3.125 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Instrument :

BNA_F

ClientSampleId :

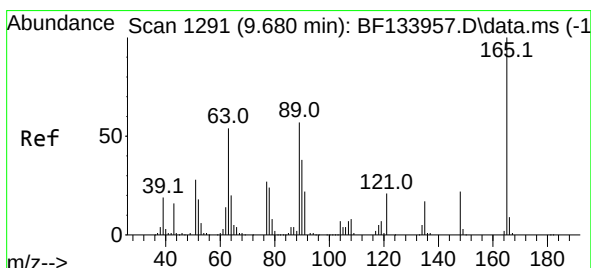
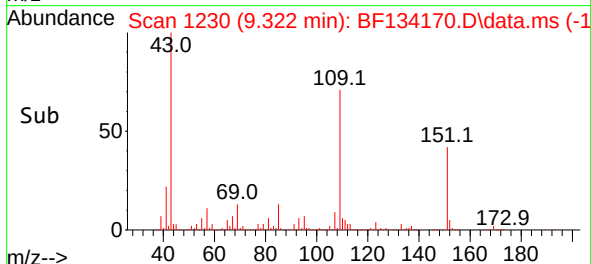
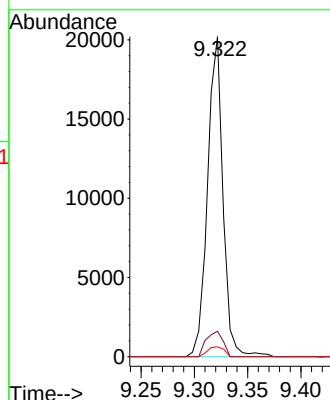
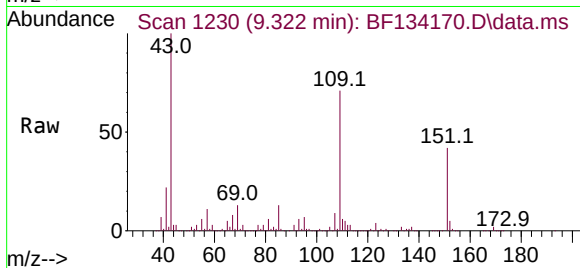
Tgt Ion: 65 Resp: 20368

Ion Ratio Lower Upper

65 100

92 7.9 49.5 74.3#

138 3.1 78.0 117.0#



#51

2,6-Dinitrotoluene

Concen: 8.323 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.200 min

Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

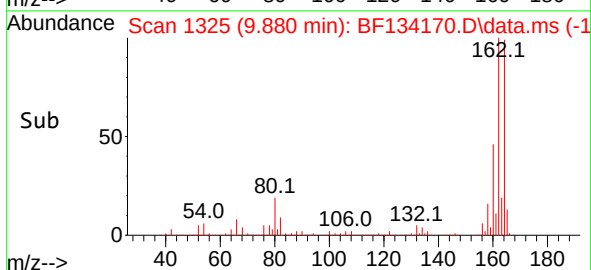
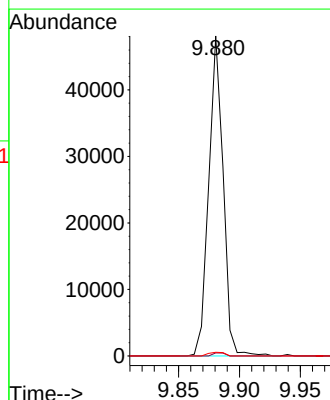
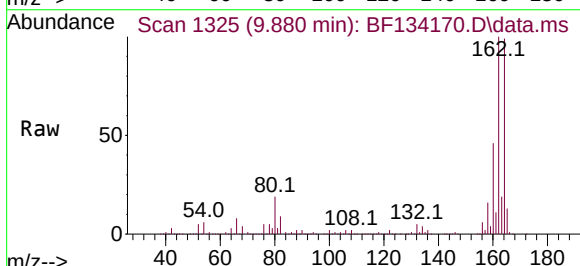
Tgt Ion: 165 Resp: 39654

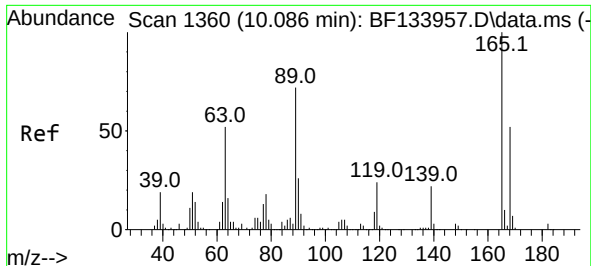
Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

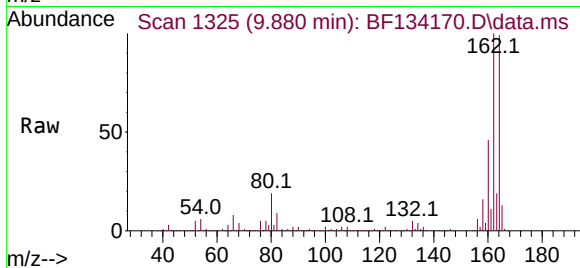
89 1.1 45.5 68.3#



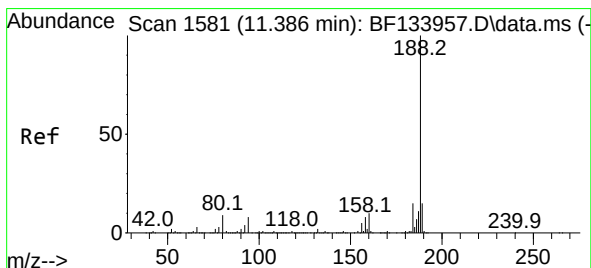
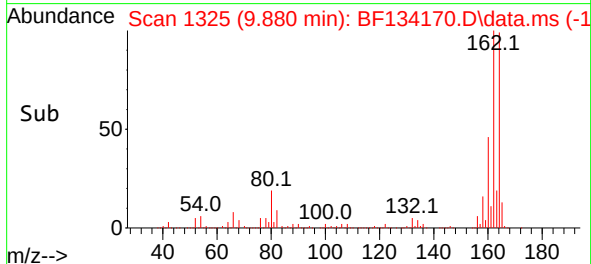
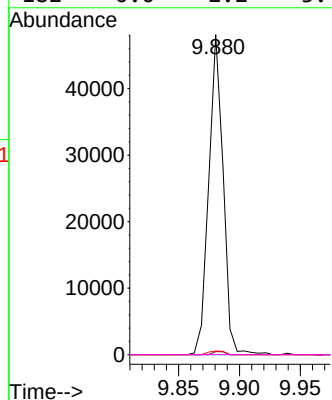


#57
2,4-Dinitrotoluene
Concen: 6.302 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Instrument :
BNA_F
ClientSampleId :

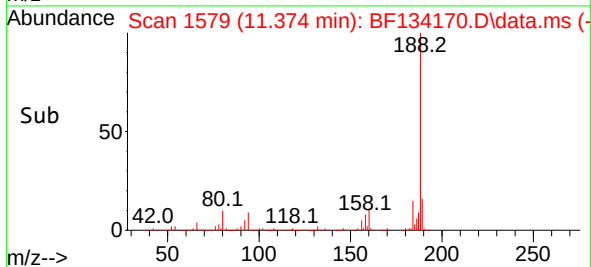
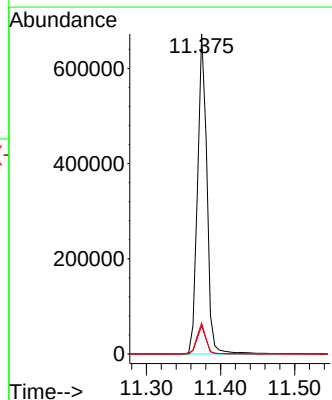
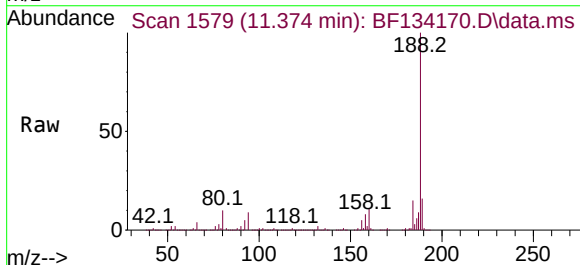


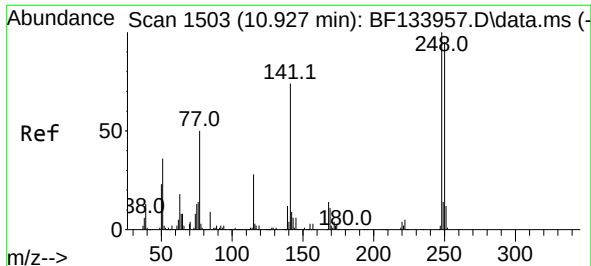
Tgt Ion:165 Resp: 39654
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 1.1 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

Tgt Ion:188 Resp: 588146
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.7 7.3 10.9

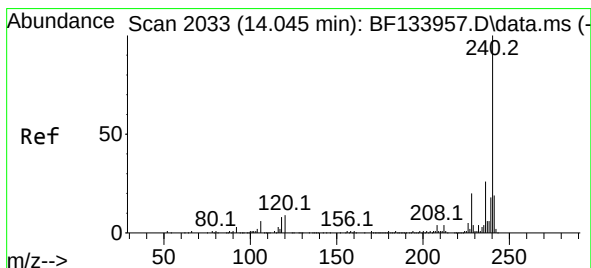
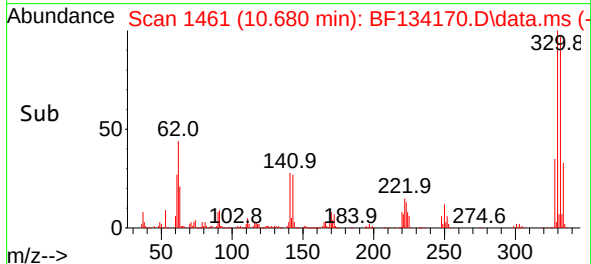
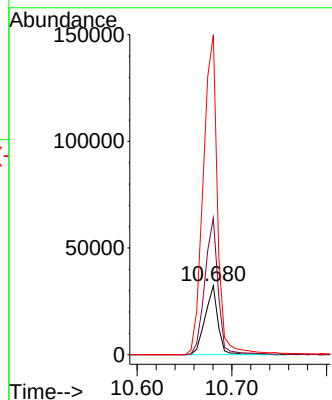
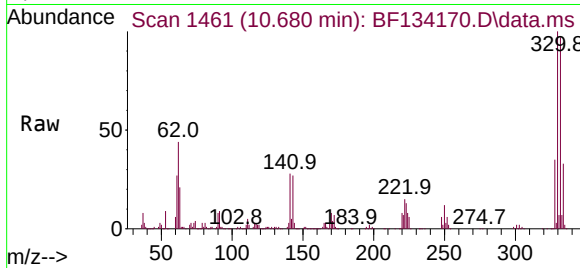




#67
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

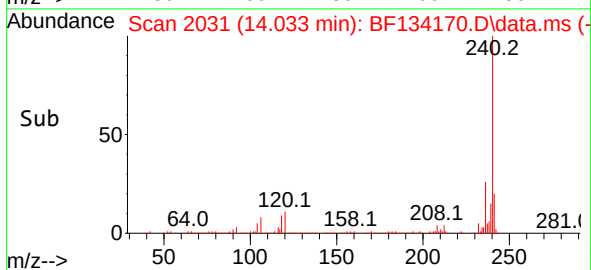
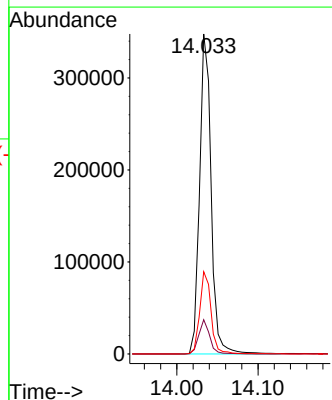
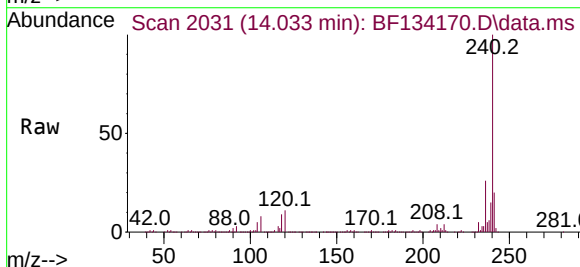
Instrument :
BNA_F
ClientSampleId :

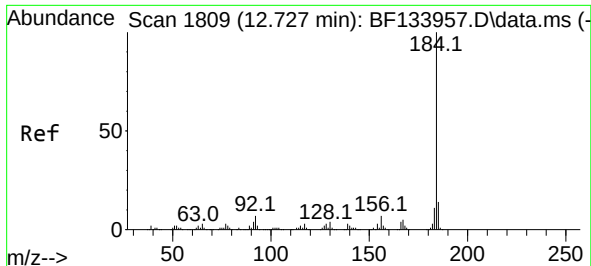
Tgt Ion:248 Resp: 30577
Ion Ratio Lower Upper
248 100
250 198.1 76.2 114.4#
141 464.0 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

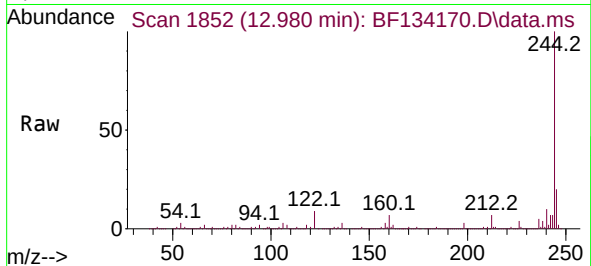
Tgt Ion:240 Resp: 343708
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.7 21.0 31.6



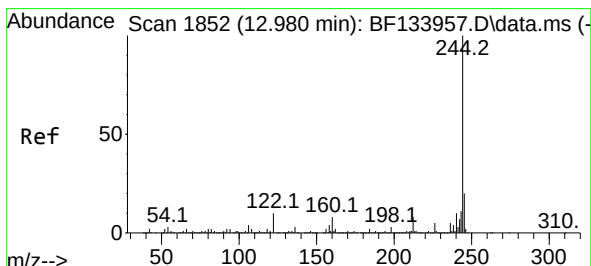
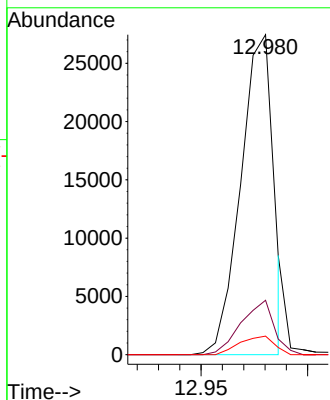
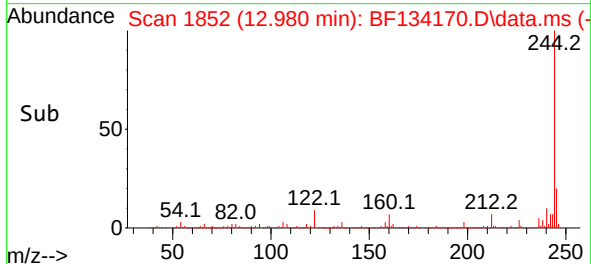


#77
Benzidine
Concen: 3.588 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29

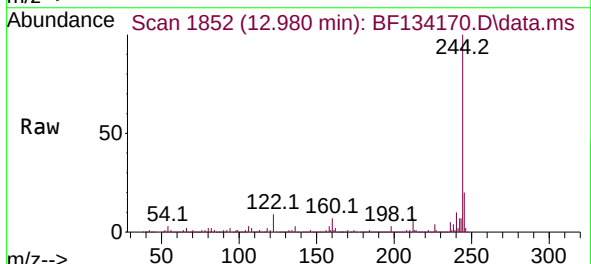
Instrument :
BNA_F
ClientSampleId :



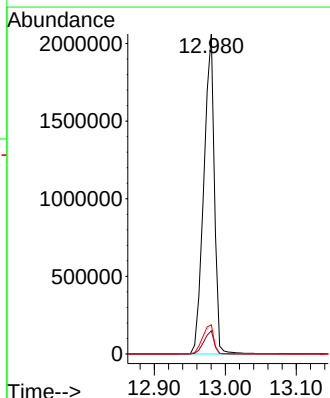
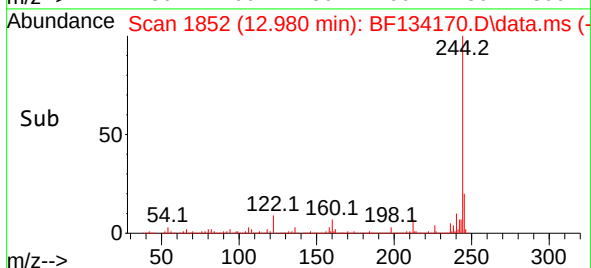
Tgt Ion:184 Resp: 29340
Ion Ratio Lower Upper
184 100
185 17.0 11.6 17.4
183 5.8 8.8 13.2#

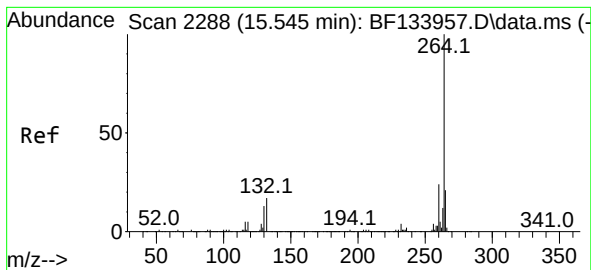


#79
Terphenyl-d14
Concen: 100.034 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134170.D
Acq: 09 Jul 2023 04:29



Tgt Ion:244 Resp: 2136332
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

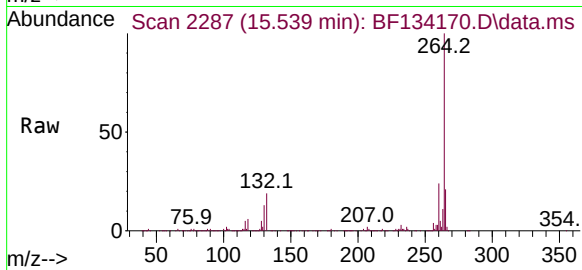
Lab File: BF134170.D

Acq: 09 Jul 2023 04:29

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 301950

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 16.6 25.0

