

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134220.D
 Acq On : 11 Jul 2023 19:10
 Operator : CG\JU
 Sample : 03555-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:55:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98103	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	391568	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	200735	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	404622	20.000	ng	0.00
76) Chrysene-d12	14.033	240	240283	20.000	ng	0.00
86) Perylene-d12	15.539	264	213082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	111868	19.075	ng	0.00
7) Phenol-d6	6.475	99	351260	48.702	ng	-0.01
23) Nitrobenzene-d5	7.404	82	463402	63.794	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	10049	3.993	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	927796	67.199	ng	0.00
79) Terphenyl-d14	12.974	244	1143437	76.588	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	585	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	66444	14.527	ng	# 75
25) Isophorone	7.404	82	463402	35.102	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	26298	8.379	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	26298	6.345	ng	# 22
77) Benzidine	12.974	184	15965	2.792	ng	# 93

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

Instrument :

BNA_F

ClientSampleId :

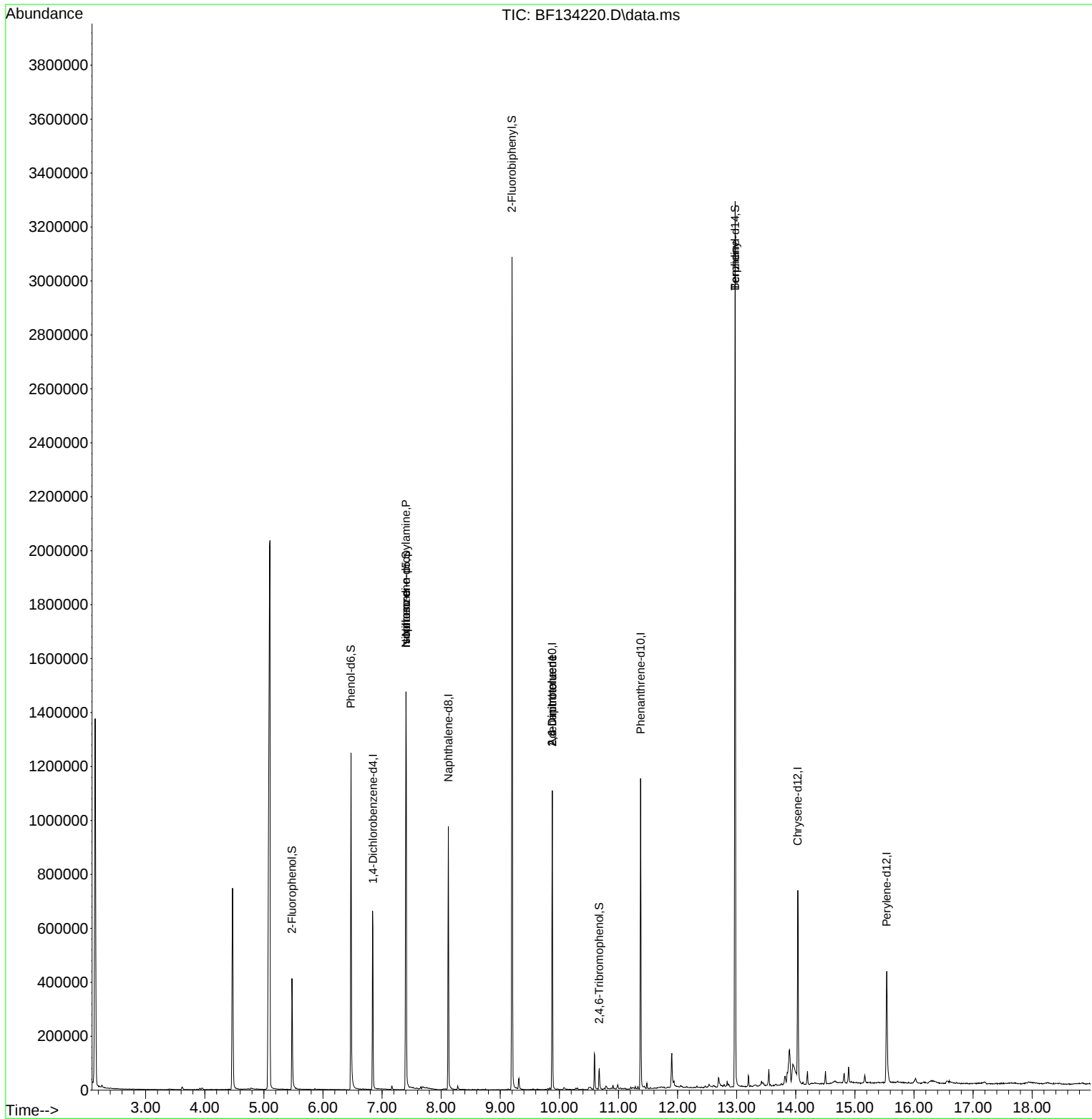
Quant Time: Jul 12 01:55:18 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 11 13:06:48 2023

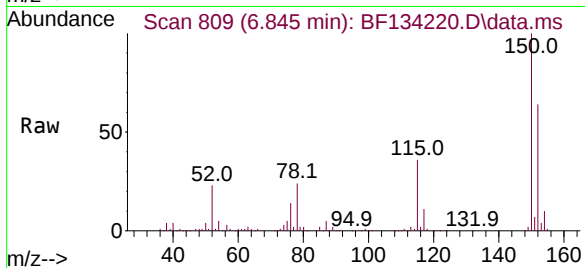
Response via : Initial Calibration



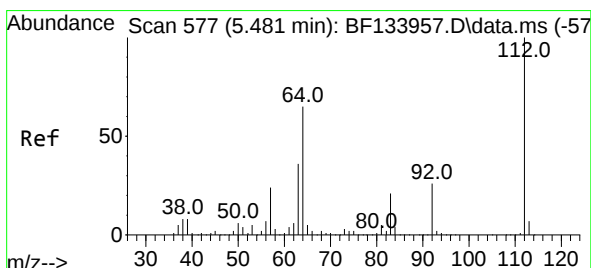
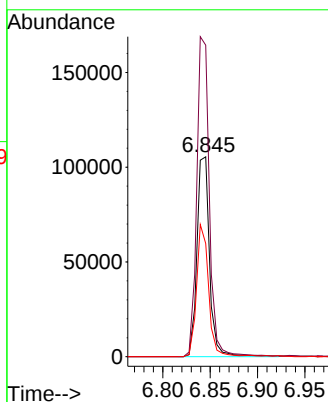
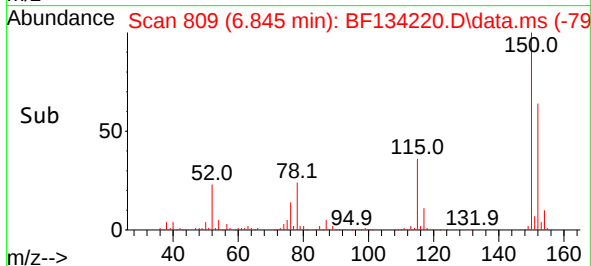


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

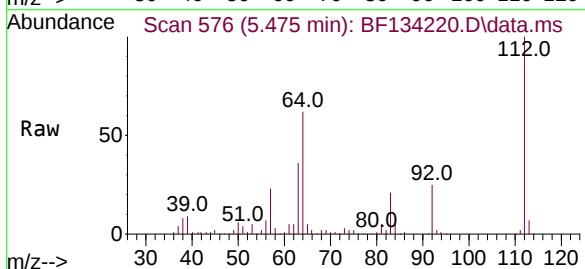
Instrument :
BNA_F
ClientSampleId :



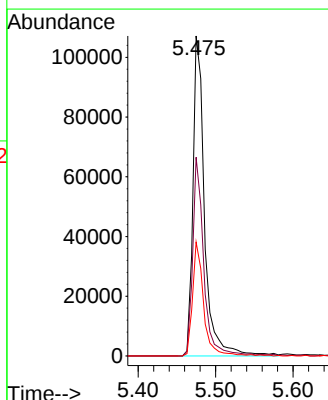
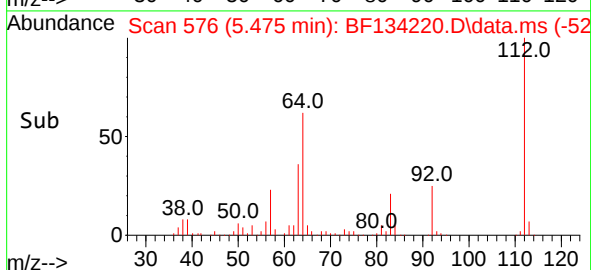
Tgt Ion:152 Resp: 98103
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 56.6 50.2 75.2



#5
2-Fluorophenol
Concen: 19.075 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10



Tgt Ion:112 Resp: 111868
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 35.6 28.6 42.8





#7

Phenol-d6

Concen: 48.702 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

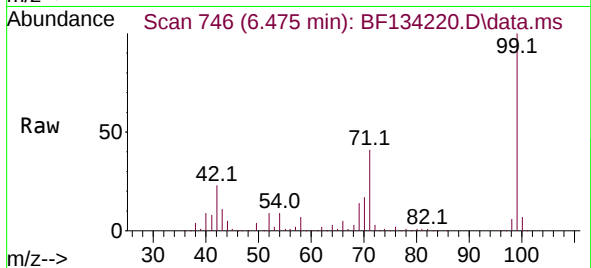
Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Instrument :

BNA_F

ClientSampleId :



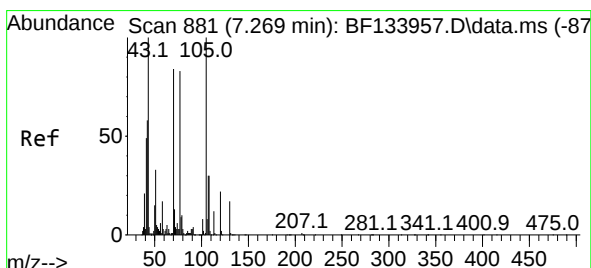
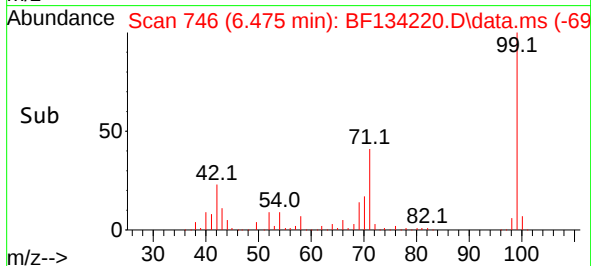
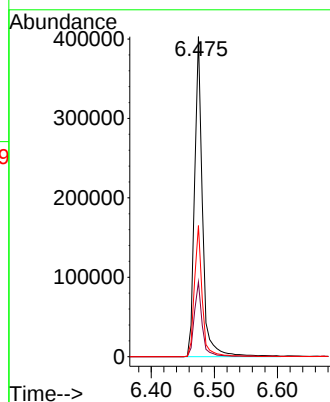
Tgt Ion: 99 Resp: 351260

Ion Ratio Lower Upper

99 100

42 23.3 19.8 29.6

71 40.9 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 14.527 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Tgt Ion: 70 Resp: 66444

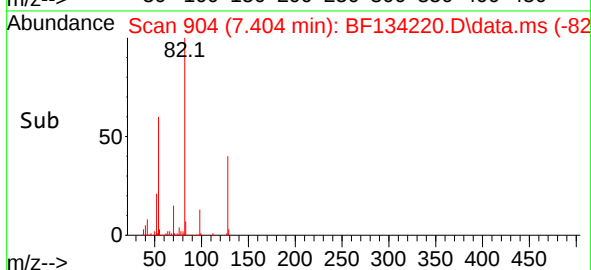
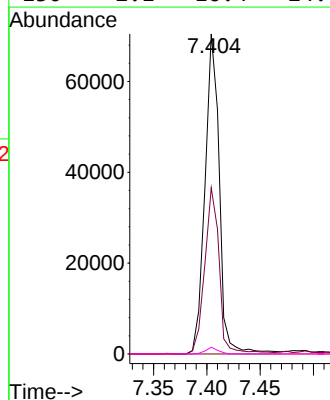
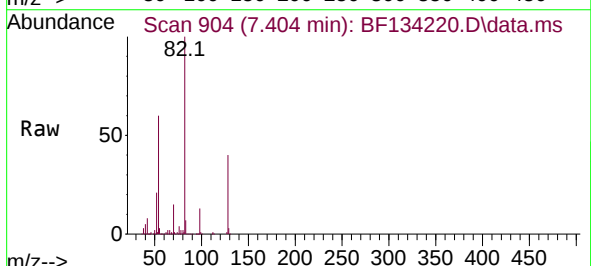
Ion Ratio Lower Upper

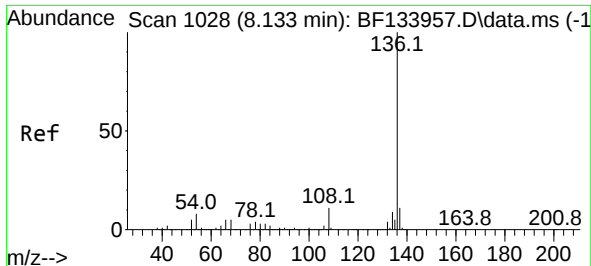
70 100

42 51.9 54.7 82.1#

101 0.0 7.7 11.5#

130 2.1 16.4 24.6#

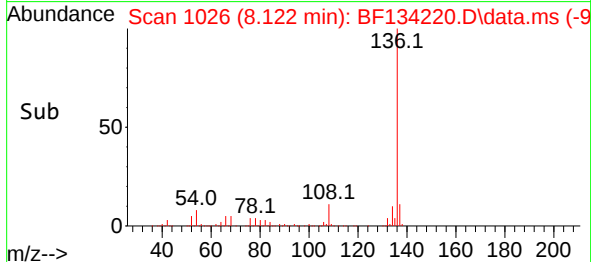
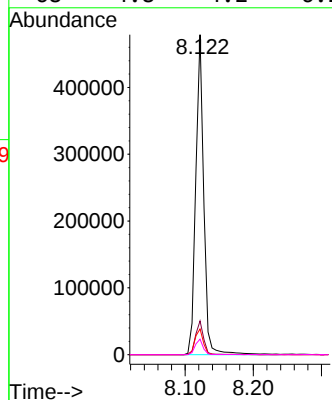
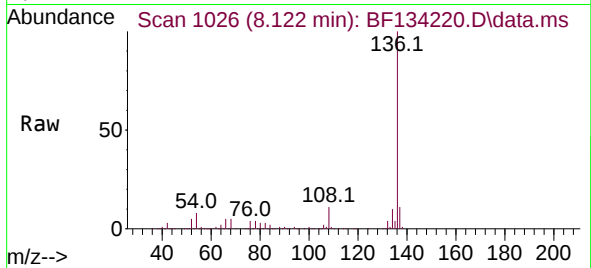




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

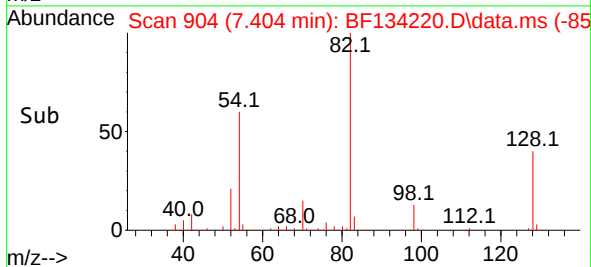
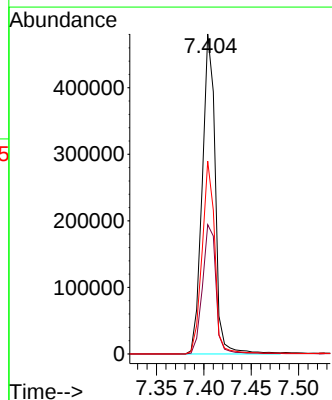
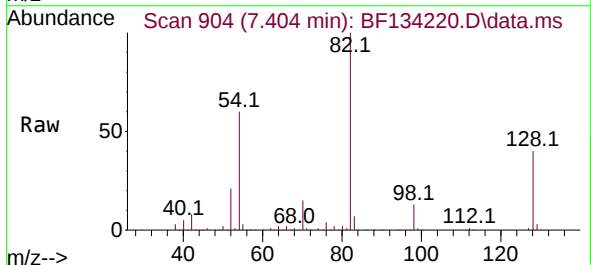
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 391568
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.0 6.5 9.7
68 4.8 4.2 6.2



#23
Nitrobenzene-d5
Concen: 63.794 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

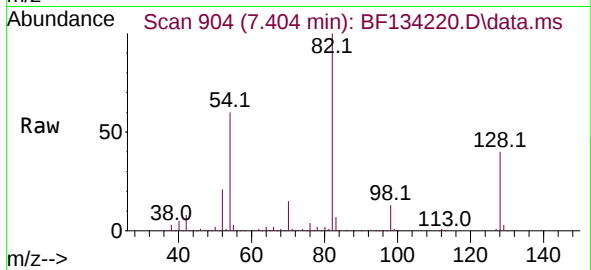
Tgt Ion: 82 Resp: 463402
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 60.2 48.2 72.2



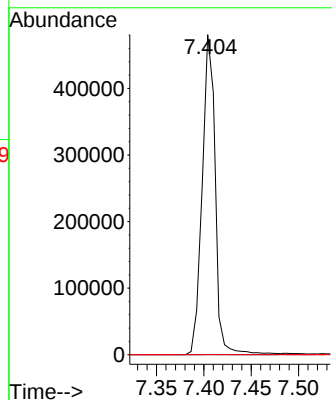
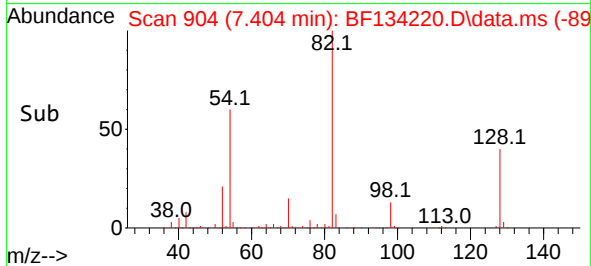


#25
Isophorone
Concen: 35.102 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Instrument :
BNA_F
ClientSampleId :

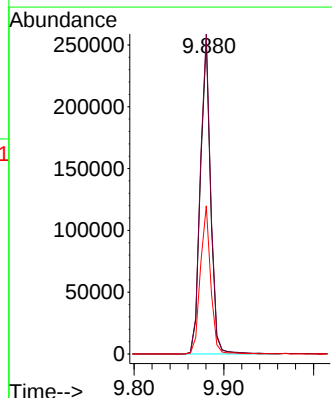
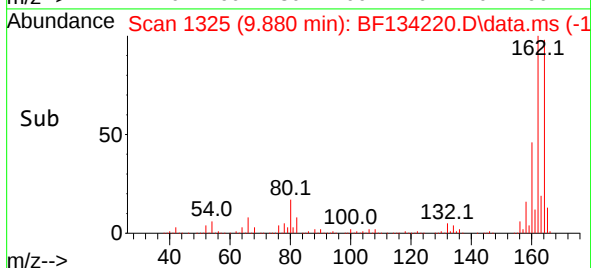
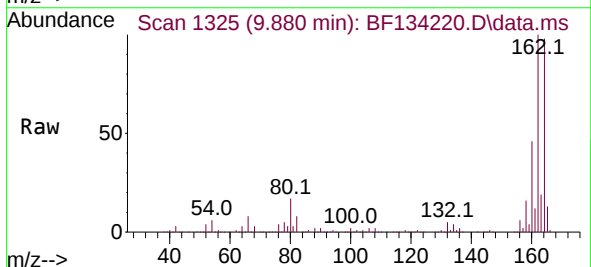


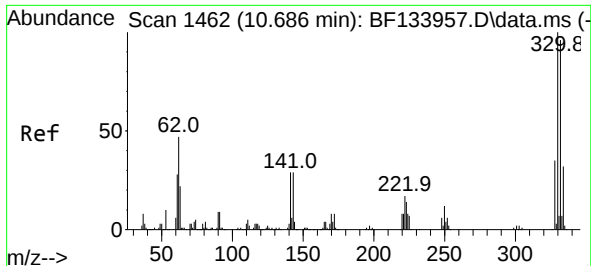
Tgt Ion: 82 Resp: 463402
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

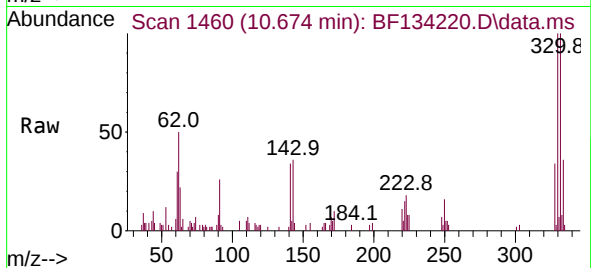
Tgt Ion:164 Resp: 200735
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 47.2 35.9 53.9



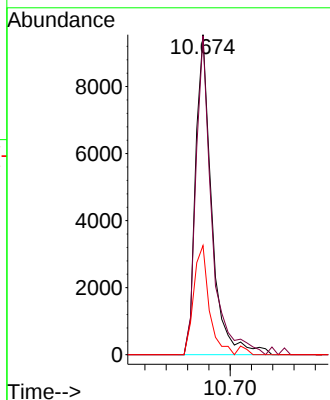
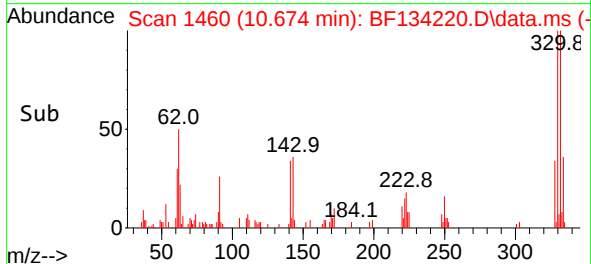


#42
2,4,6-Tribromophenol
Concen: 3.993 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

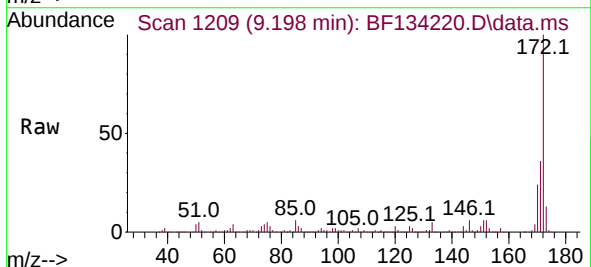
Instrument :
BNA_F
ClientSampleId :



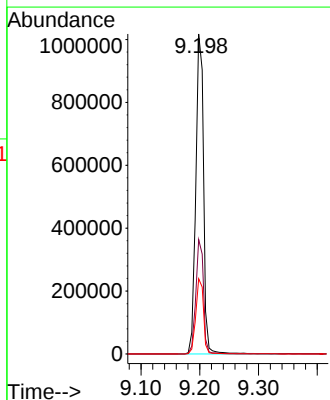
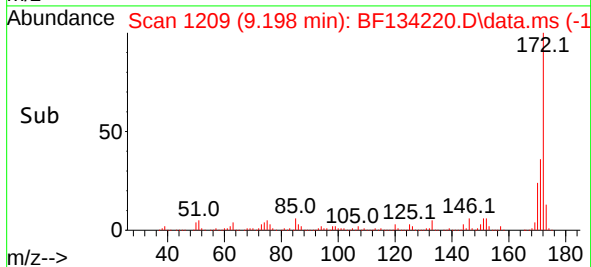
Tgt Ion:330 Resp: 10049
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.199 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10



Tgt Ion:172 Resp: 927796
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.379 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Instrument :

BNA_F

ClientSampleId :

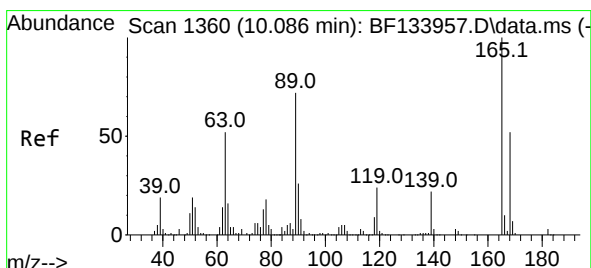
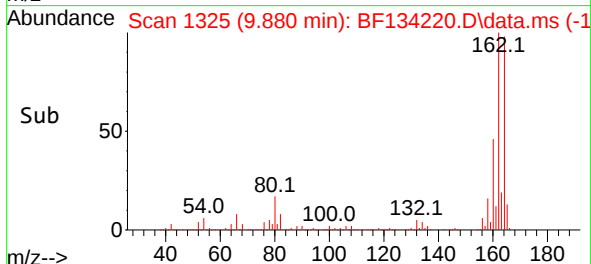
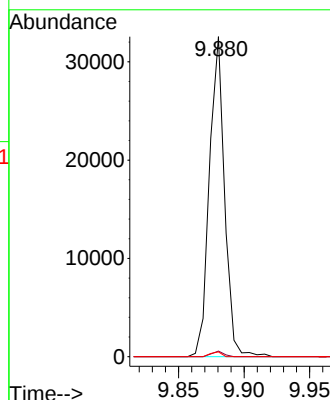
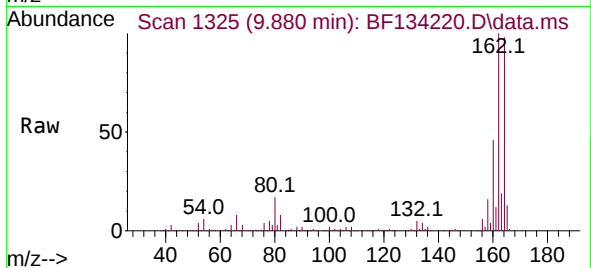
Tgt Ion:165 Resp: 26298

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: 6.345 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Tgt Ion:165 Resp: 26298

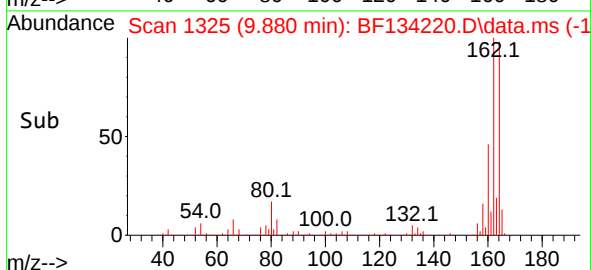
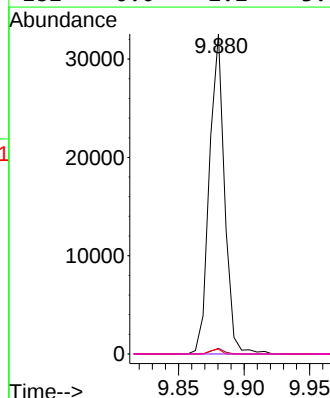
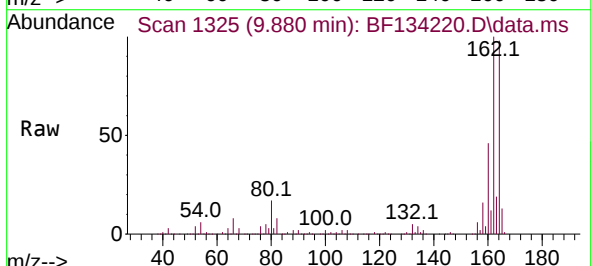
Ion Ratio Lower Upper

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: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

Instrument :

BNA_F

ClientSampleId :

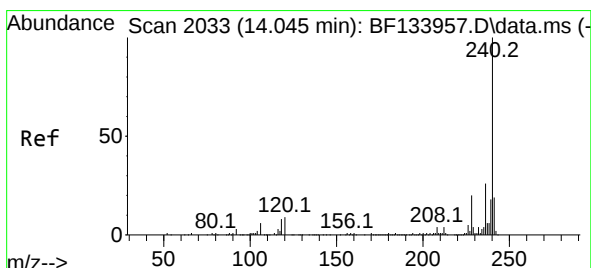
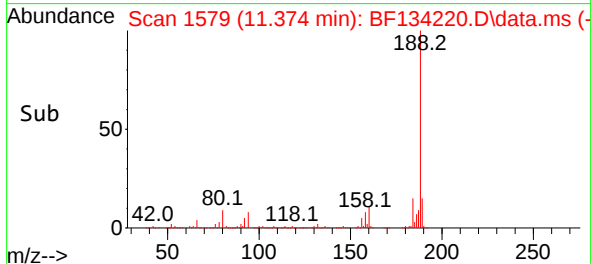
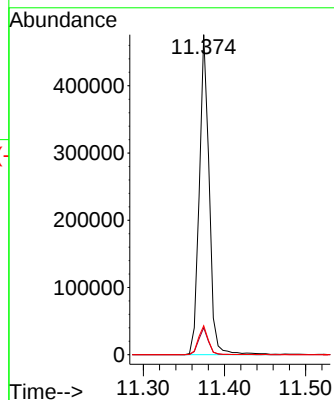
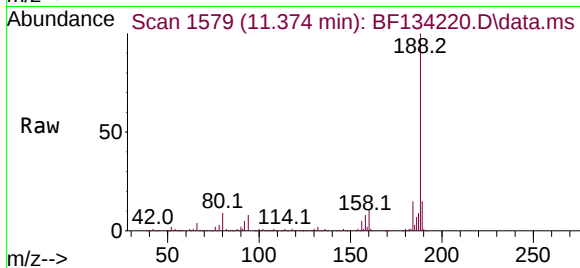
Tgt Ion:188 Resp: 404622

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134220.D

Acq: 11 Jul 2023 19:10

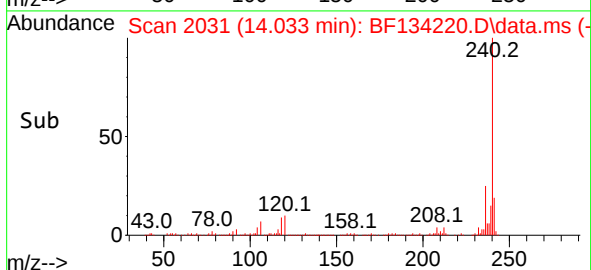
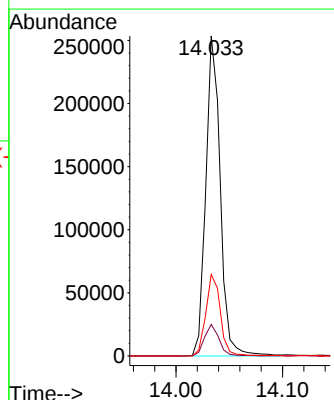
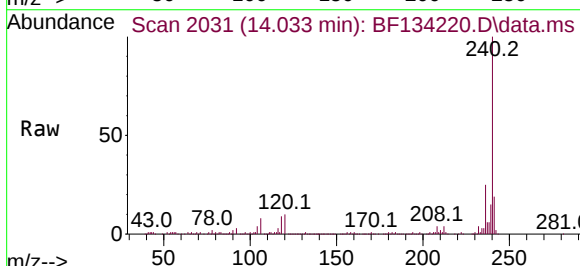
Tgt Ion:240 Resp: 240283

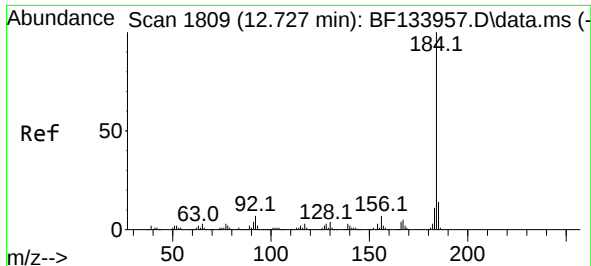
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

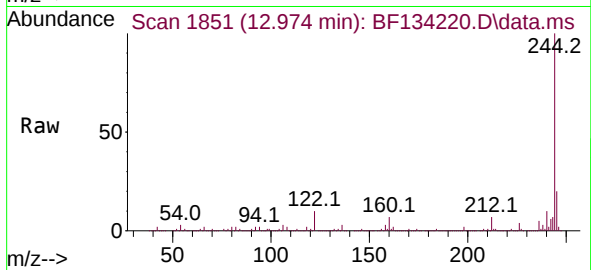
236 25.5 21.0 31.6



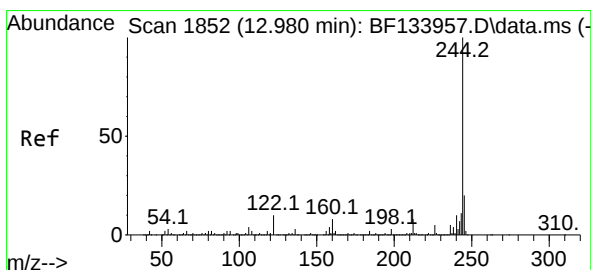
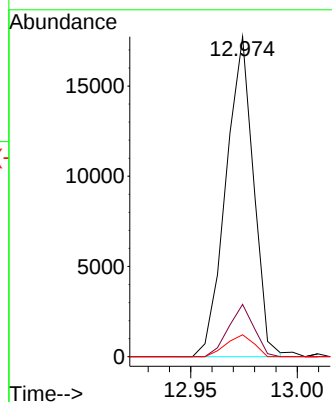


#77
Benzidine
Concen: 2.792 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Instrument :
BNA_F
ClientSampleId :

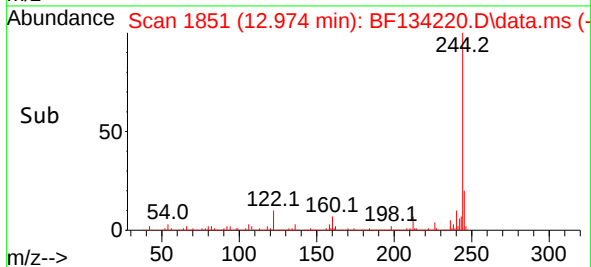
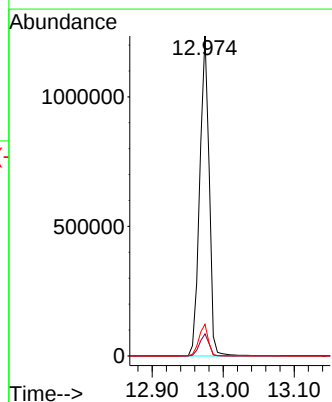
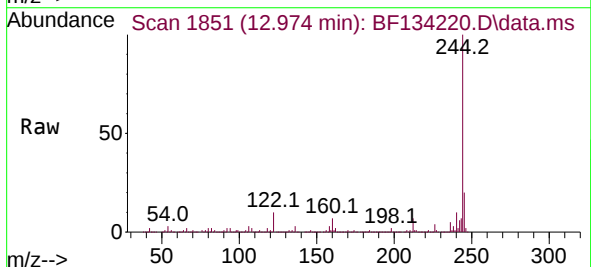


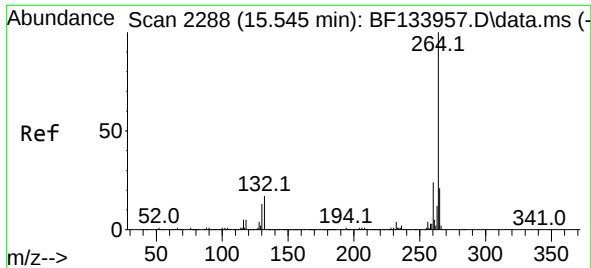
Tgt Ion:184 Resp: 15965
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 76.588 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

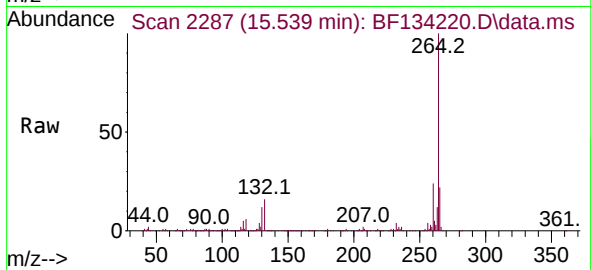
Tgt Ion:244 Resp: 1143437
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134220.D
Acq: 11 Jul 2023 19:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 213082
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.8 16.6 25.0

