

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134214.D
 Acq On : 11 Jul 2023 15:07
 Operator : CG\JU
 Sample : PB153981TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:05:23 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)

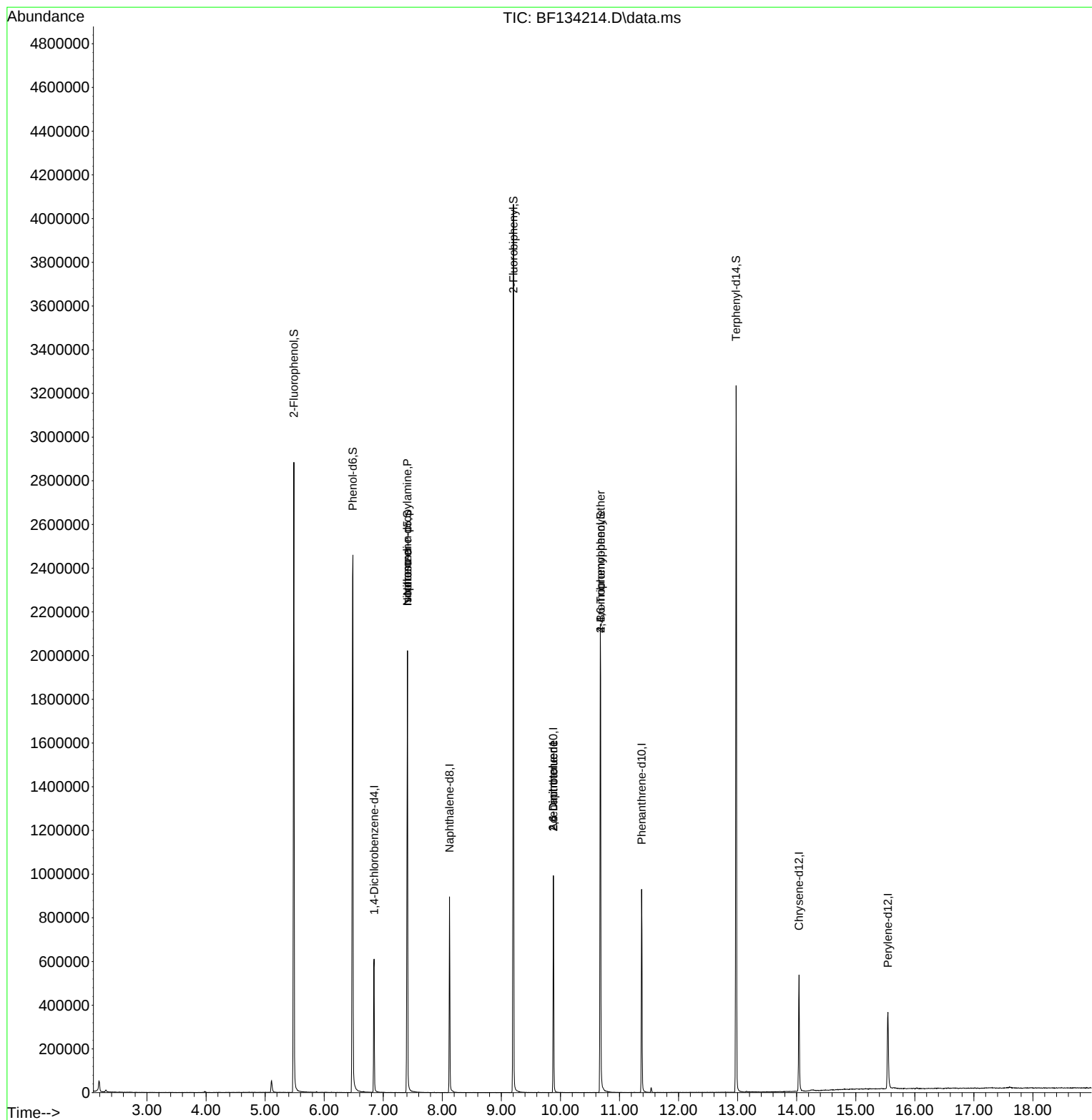
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93024	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	364369	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	184925	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	357877	20.000	ng	0.00
76) Chrysene-d12	14.039	240	199316	20.000	ng	0.00
86) Perylene-d12	15.545	264	190919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	739911	133.052	ng	0.01
7) Phenol-d6	6.487	99	885399	129.463	ng	0.00
23) Nitrobenzene-d5	7.410	82	611349	90.444	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	285477	123.125	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1139736	89.607	ng	0.00
79) Terphenyl-d14	12.974	244	1218858	98.419	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1344	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	85750	19.771	ng	# 75
25) Isophorone	7.410	82	611346	49.765	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	23136	8.002	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	23136	6.059	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	16944	4.454	ng	# 1

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

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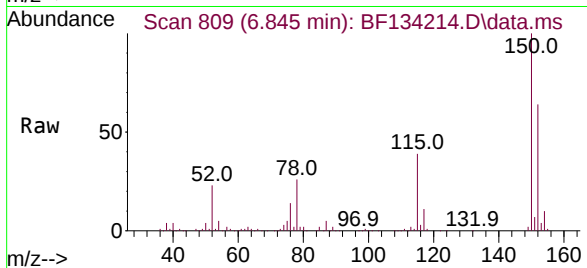
Quant Time: Jul 12 01:05:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



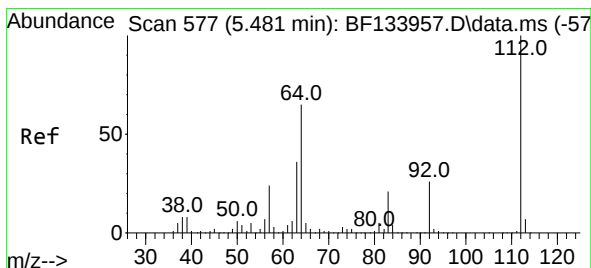
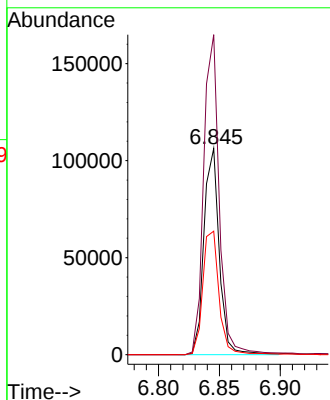
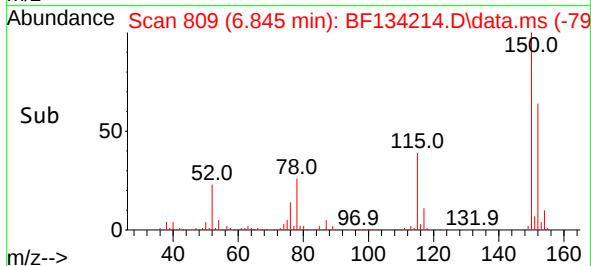


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

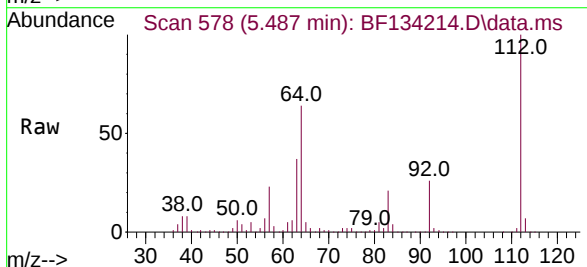
Instrument :
BNA_F
ClientSampleId :



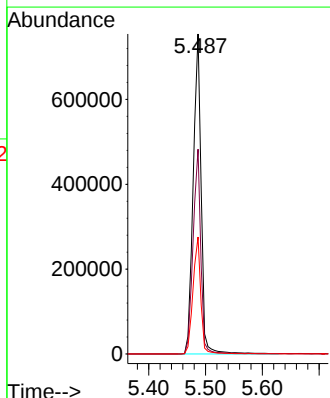
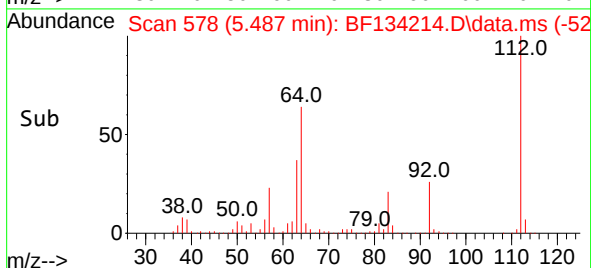
Tgt Ion:152 Resp: 93024
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 59.9 50.2 75.2

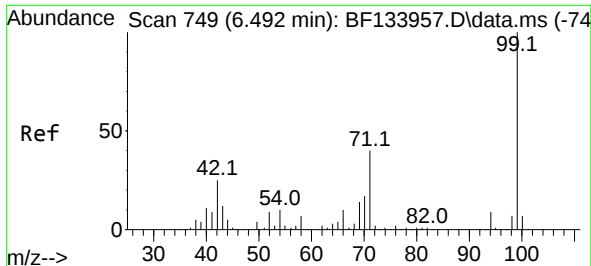


#5
2-Fluorophenol
Concen: 133.052 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07



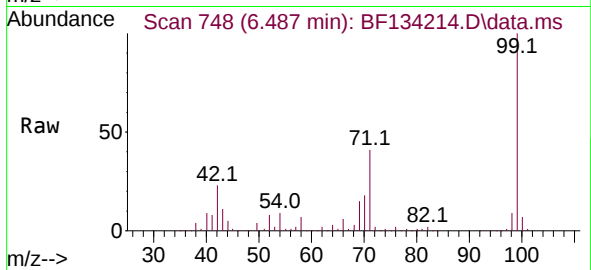
Tgt Ion:112 Resp: 739911
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.5 28.6 42.8



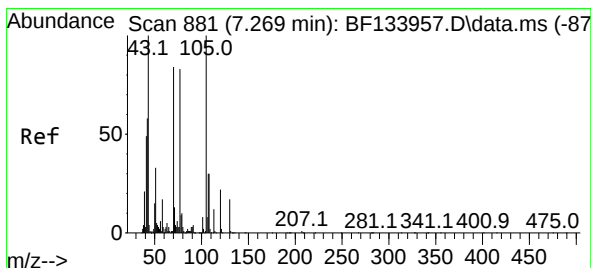
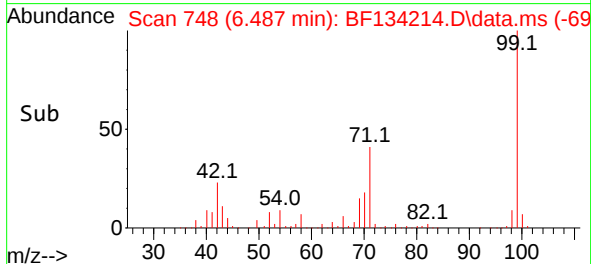
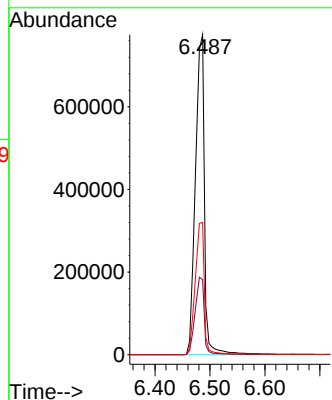


#7
Phenol-d6
Concen: 129.463 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Instrument :
BNA_F
ClientSampleId :

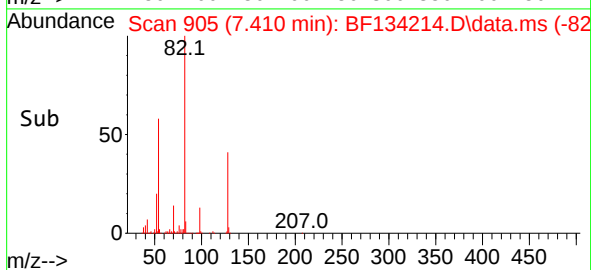
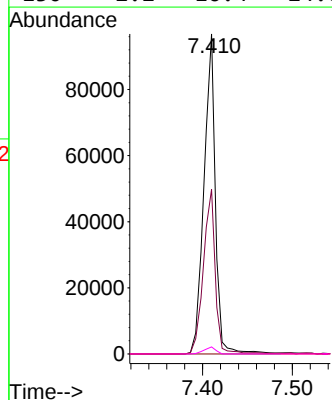
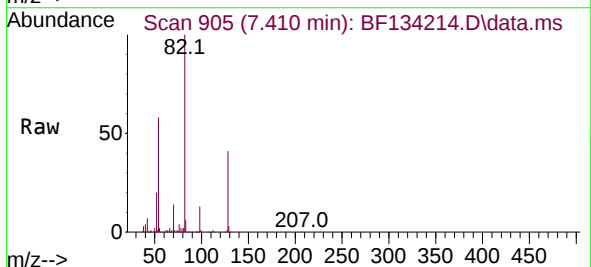


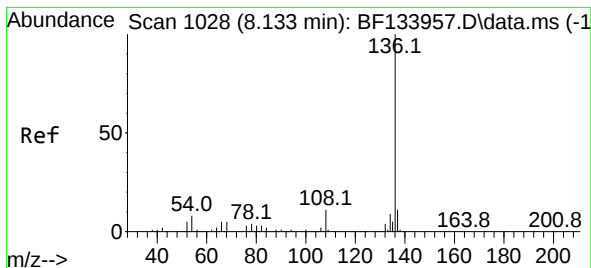
Tgt Ion: 99 Resp: 885399
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 41.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.771 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion: 70 Resp: 85750
Ion Ratio Lower Upper
70 100
42 51.5 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

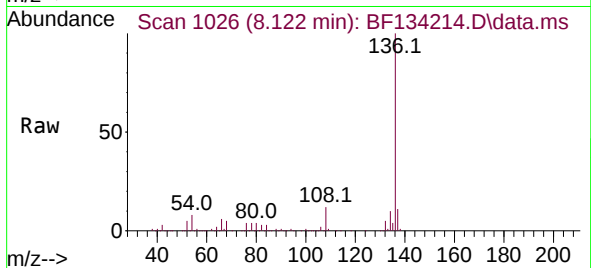
Lab File: BF134214.D

Acq: 11 Jul 2023 15:07

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 364369

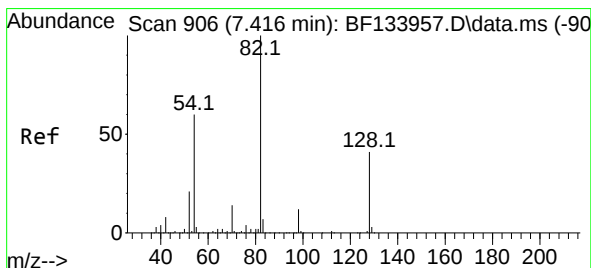
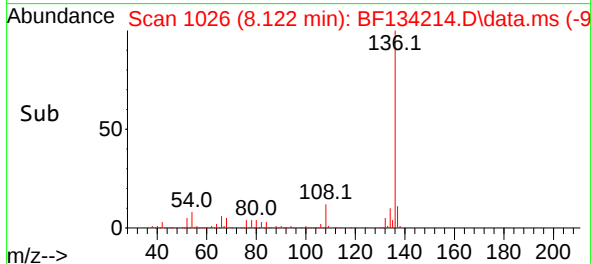
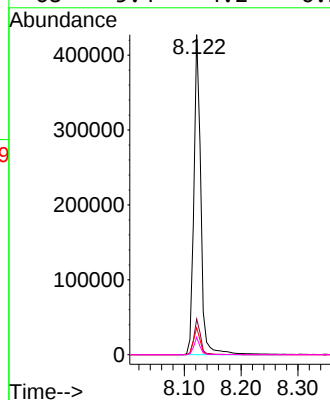
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.4 6.5 9.7

68 5.4 4.2 6.2



#23

Nitrobenzene-d5

Concen: 90.444 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF134214.D

Acq: 11 Jul 2023 15:07

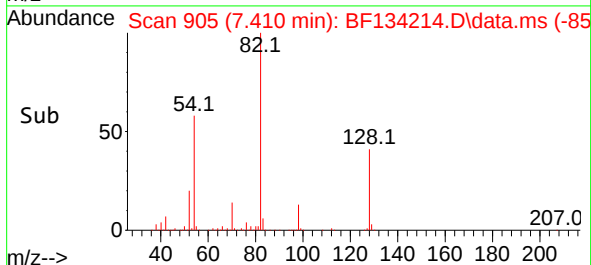
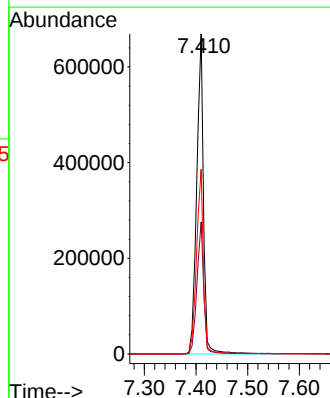
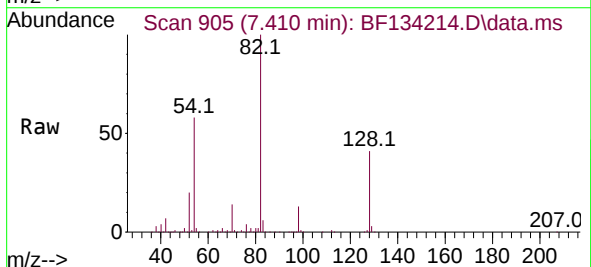
Tgt Ion: 82 Resp: 611349

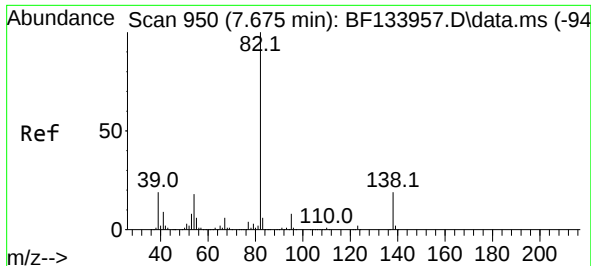
Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

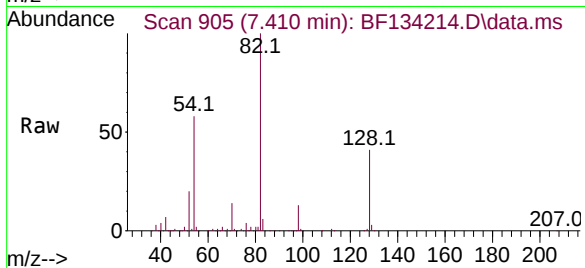
54 57.8 48.2 72.2



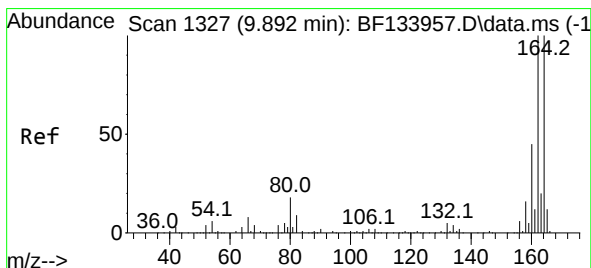
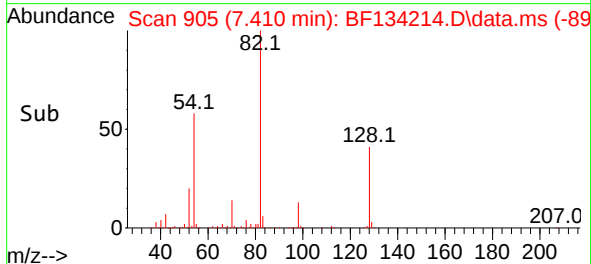
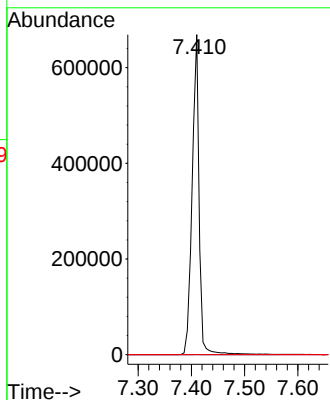


#25
Isophorone
Concen: 49.765 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Instrument :
BNA_F
ClientSampleId :

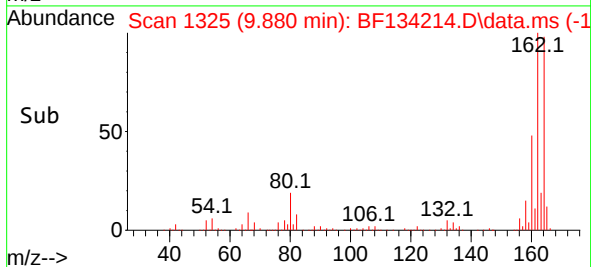
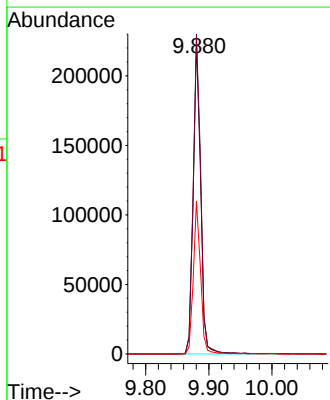
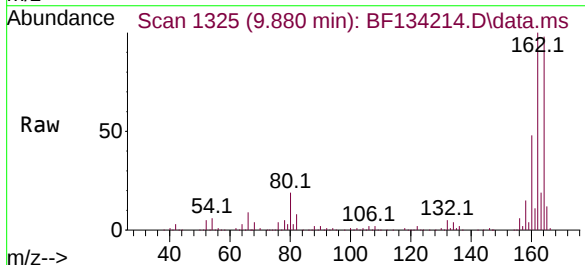


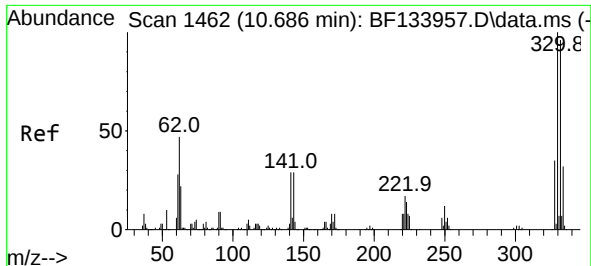
Tgt Ion: 82 Resp: 611346
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

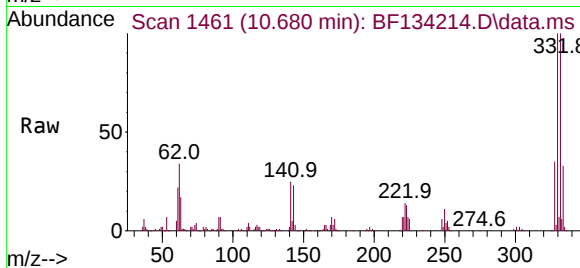
Tgt Ion: 164 Resp: 184925
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 48.8 35.9 53.9



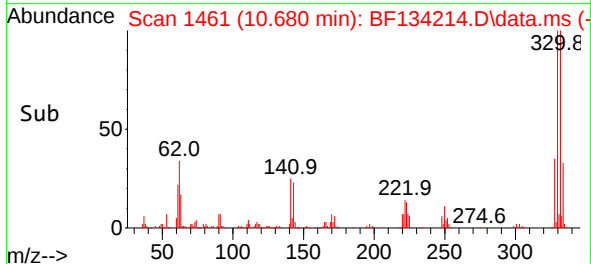
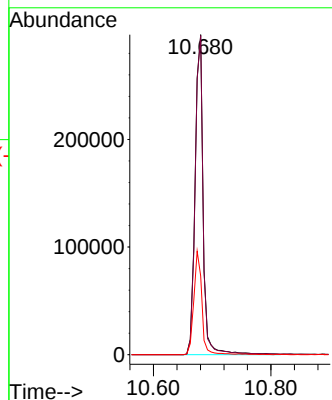


#42
2,4,6-Tribromophenol
Concen: 123.125 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Instrument :
BNA_F
ClientSampleId :

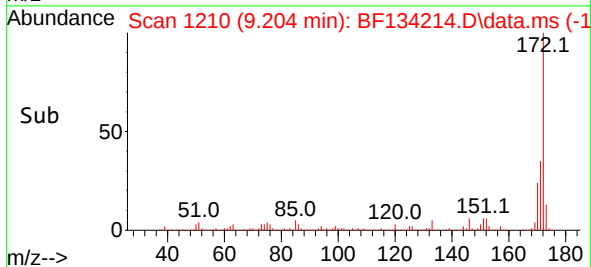
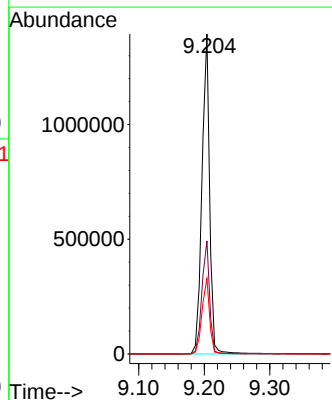
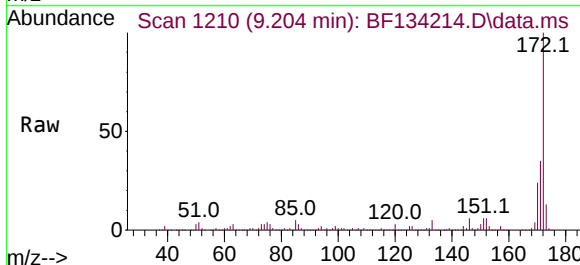


Tgt Ion:330 Resp: 285477
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 31.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.607 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion:172 Resp: 1139736
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.4 29.0

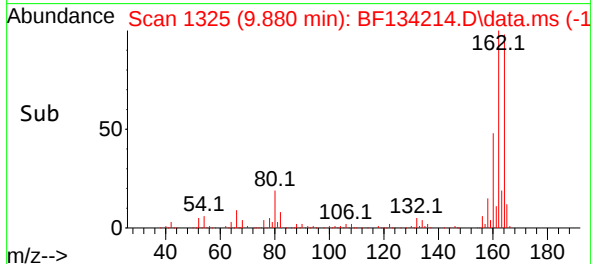
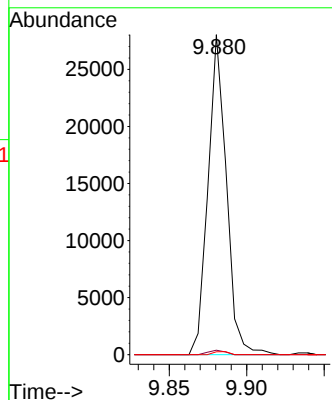
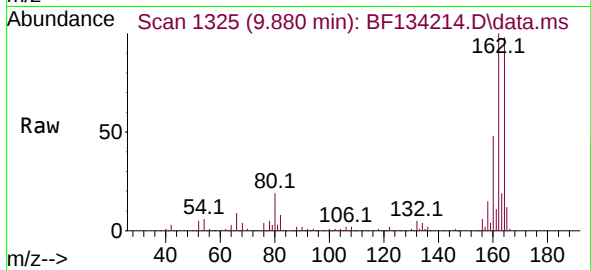




#51
2,6-Dinitrotoluene
Concen: 8.002 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

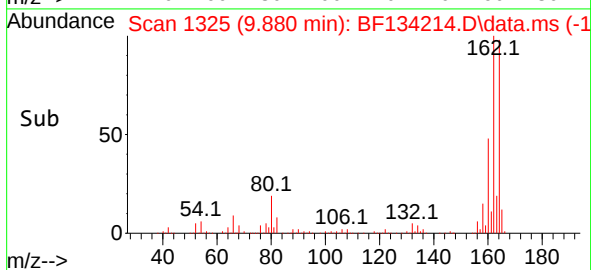
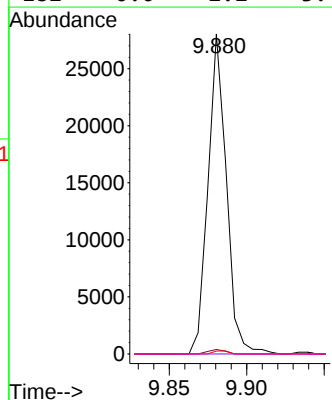
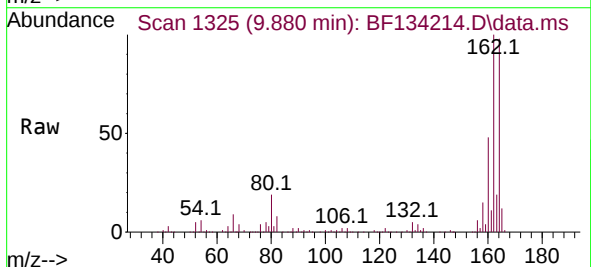
Instrument :
BNA_F
ClientSampleId :

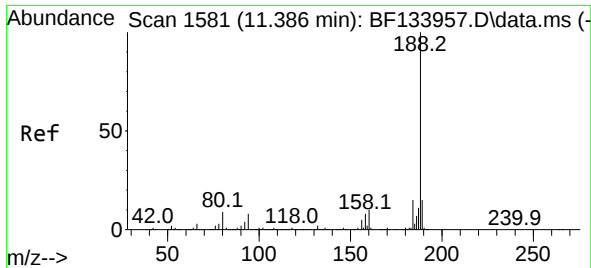
Tgt Ion:165 Resp: 23136
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 0.9 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion:165 Resp: 23136
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 0.9 57.4 86.2#
182 0.0 2.2 3.4#

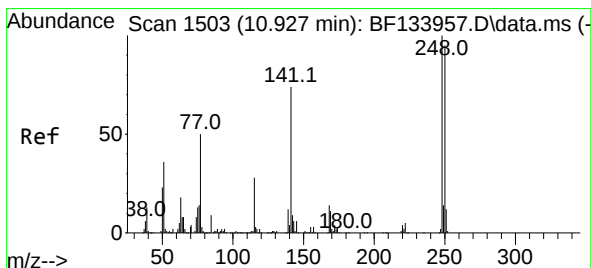
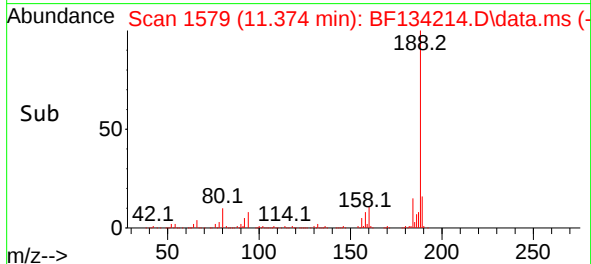
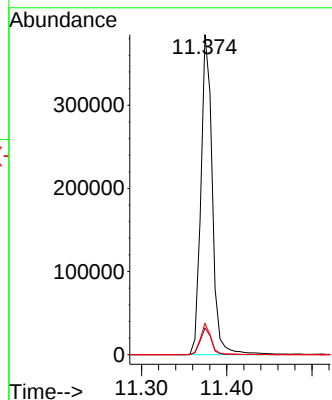
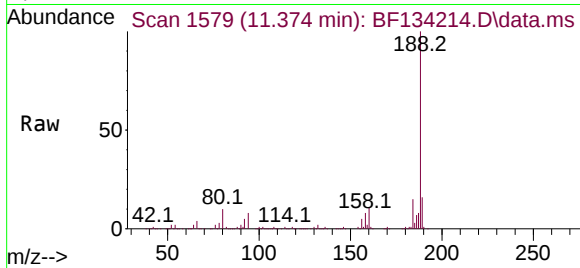




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

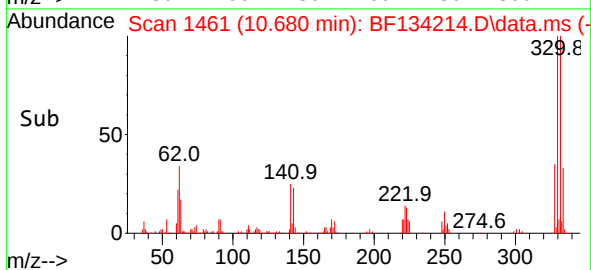
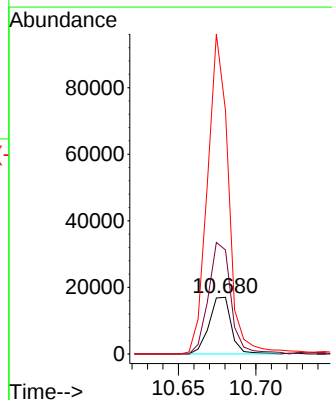
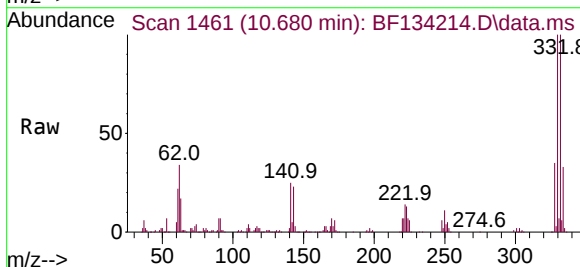
Instrument :
BNA_F
ClientSampleId :

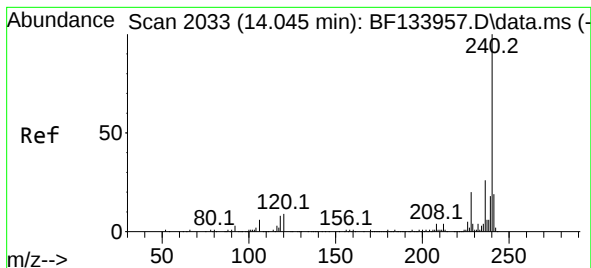
Tgt Ion:188 Resp: 357877
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.8 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.454 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion:248 Resp: 16944
Ion Ratio Lower Upper
248 100
250 183.7 76.2 114.4#
141 430.0 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134214.D

Acq: 11 Jul 2023 15:07

Instrument :

BNA_F

ClientSampleId :

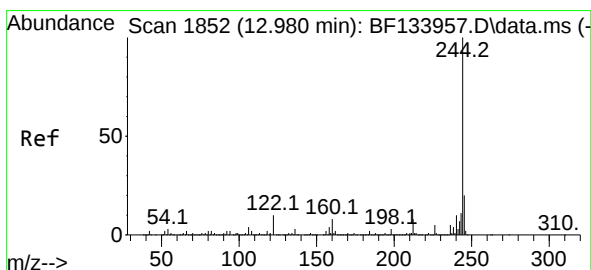
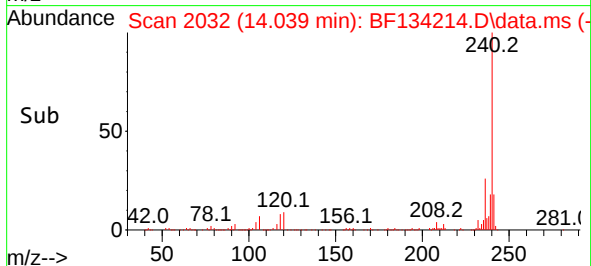
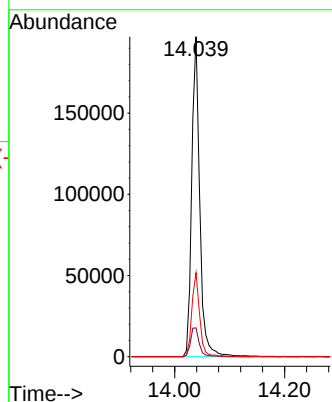
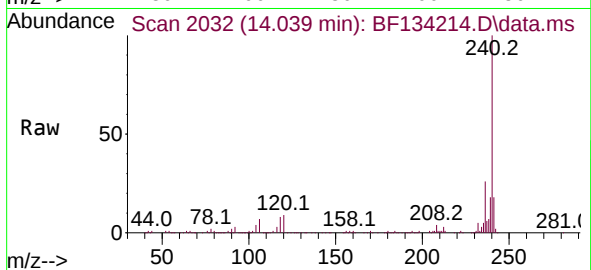
Tgt Ion:240 Resp: 199316

Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 26.2 21.0 31.6



#79

Terphenyl-d14

Concen: 98.419 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134214.D

Acq: 11 Jul 2023 15:07

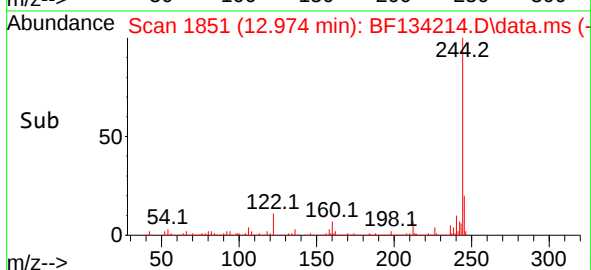
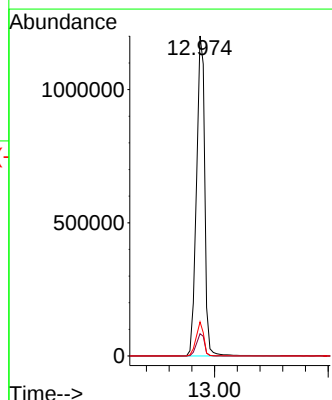
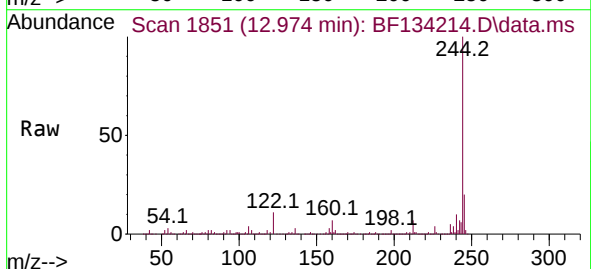
Tgt Ion:244 Resp: 1218858

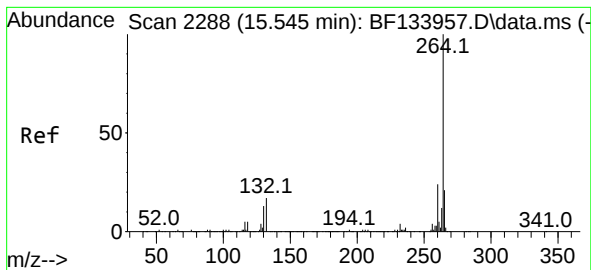
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

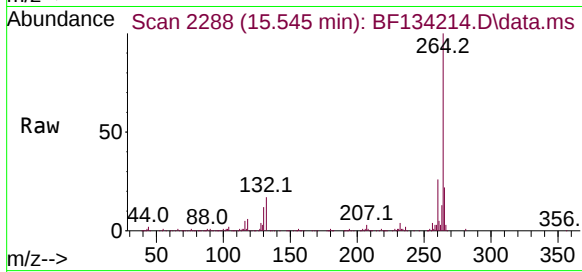
122 10.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 190919
Ion Ratio Lower Upper
264 100
260 25.8 19.5 29.3
265 22.3 16.6 25.0

