

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134153.D
 Acq On : 08 Jul 2023 17:42
 Operator : CG\JU
 Sample : 03509-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:38:36 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)

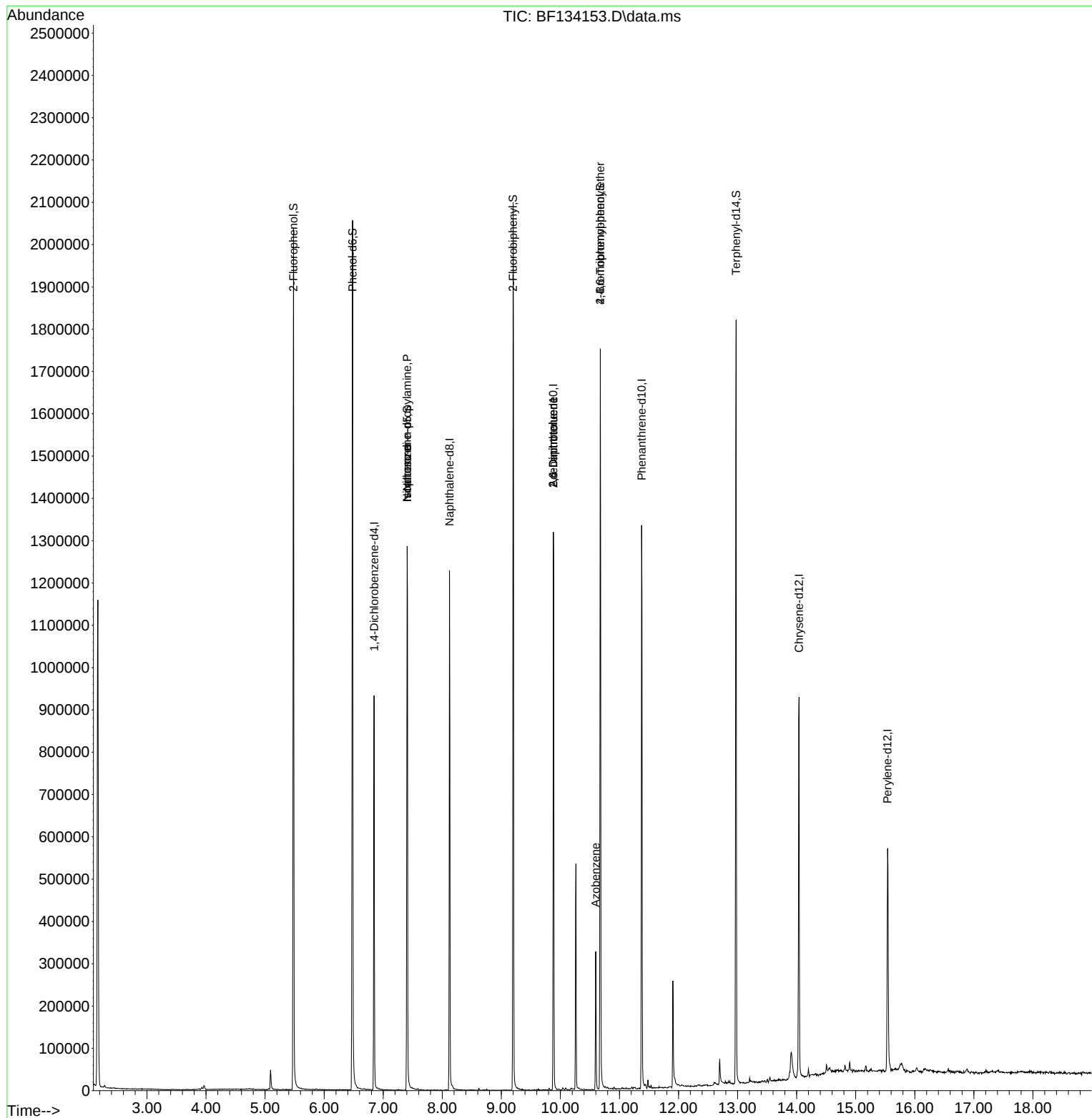
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	128048	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	511849	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	264349	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	507481	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	323018	20.000	ng	-0.01
86) Perylene-d12	15.539	264	264459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	496482	64.858	ng	0.00
7) Phenol-d6	6.481	99	612034	65.013	ng	-0.01
23) Nitrobenzene-d5	7.404	82	408005	42.969	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	208662	62.956	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	627971	34.538	ng	-0.01
79) Terphenyl-d14	12.974	244	631466	31.462	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1243	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	56668	9.492 ng	#	78
25) Isophorone	7.404	82	407999	23.642 ng	#	64
51) 2,6-Dinitrotoluene	9.881	165	34168	8.267 ng	#	24
57) 2,4-Dinitrotoluene	9.881	165	34168	6.260 ng	#	22
63) Azobenzene	10.598	77	56303	2.977 ng	#	1
67) 4-Bromophenyl-phenylether	10.675	248	13049	2.419 ng	#	1

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

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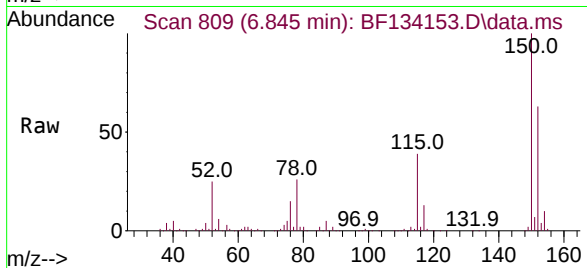
Quant Time: Jul 09 00:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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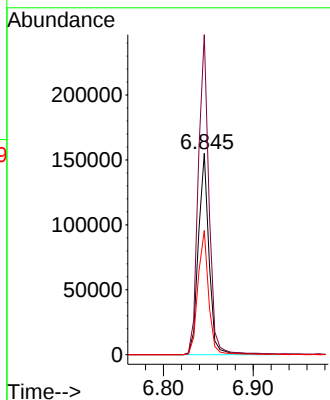
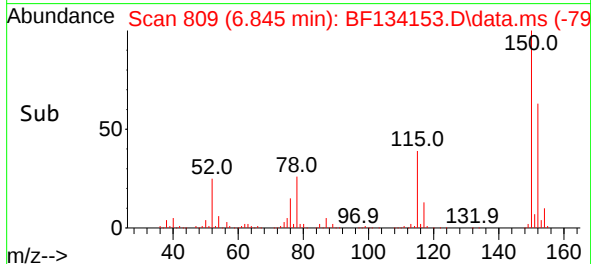


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

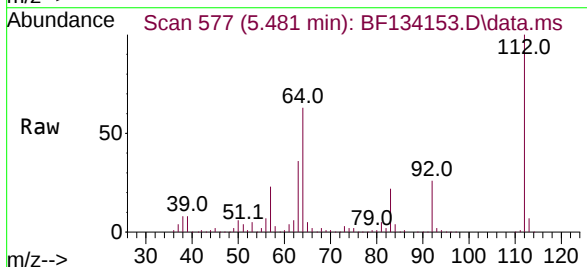
Instrument :
BNA_F
ClientSampleId :



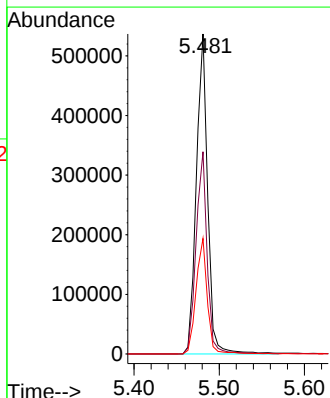
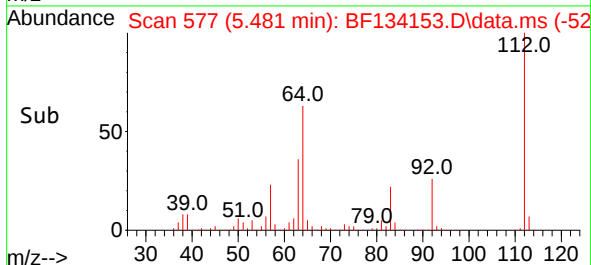
Tgt Ion:152 Resp: 128048
Ion Ratio Lower Upper
152 100
150 159.0 124.5 186.7
115 61.7 50.2 75.2



#5
2-Fluorophenol
Concen: 64.858 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42



Tgt Ion:112 Resp: 496482
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 36.1 28.6 42.8





#7

Phenol-d6

Concen: 65.013 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

Instrument :

BNA_F

ClientSampleId :

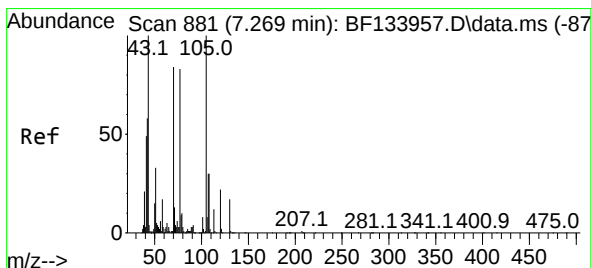
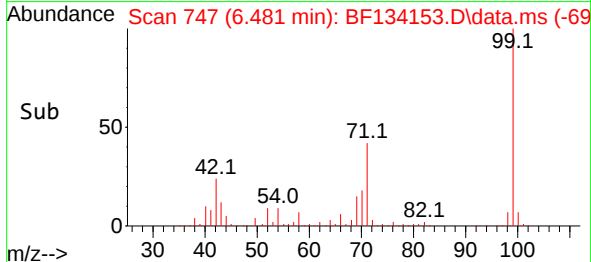
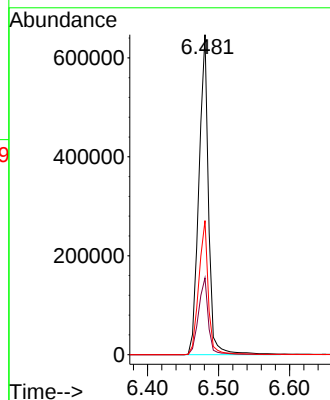
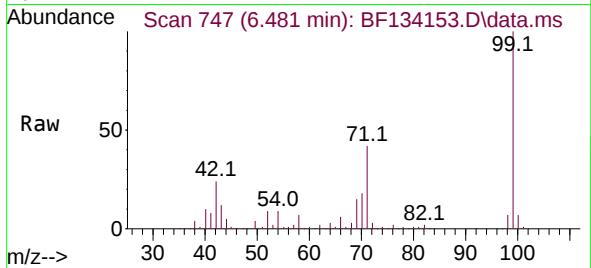
Tgt Ion: 99 Resp: 612034

Ion Ratio Lower Upper

99 100

42 24.0 19.8 29.6

71 41.9 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 9.492 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.135 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

Tgt Ion: 70 Resp: 56668

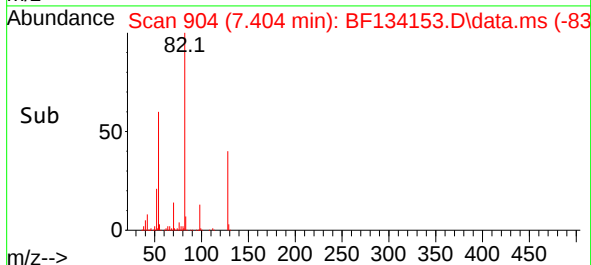
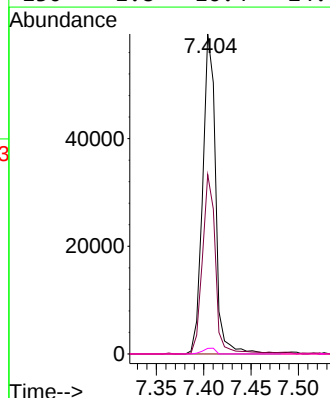
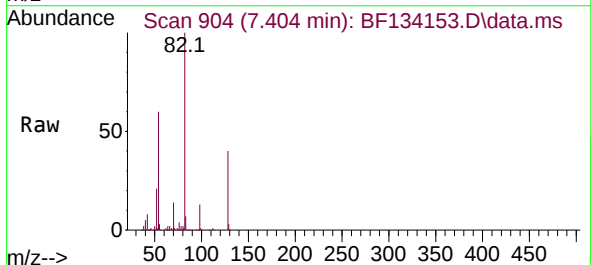
Ion Ratio Lower Upper

70 100

42 56.0 54.7 82.1

101 0.0 7.7 11.5#

130 1.8 16.4 24.6#



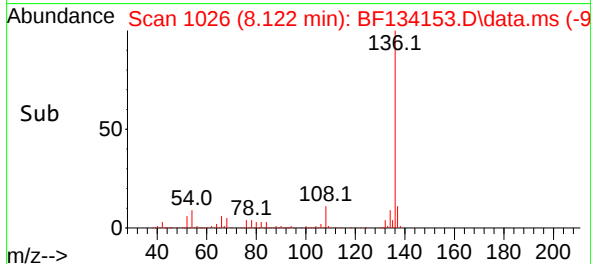
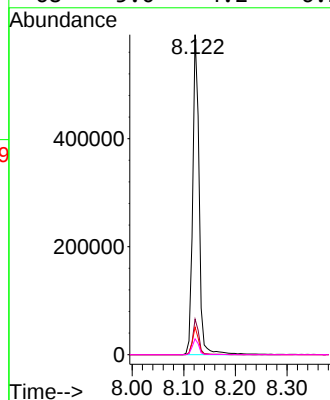
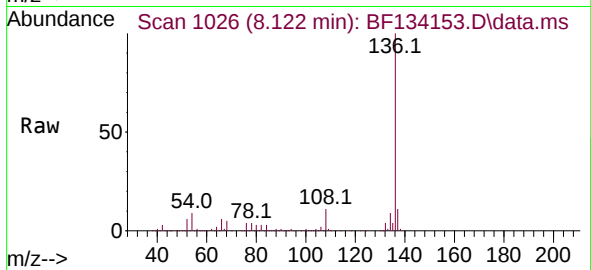


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 511849

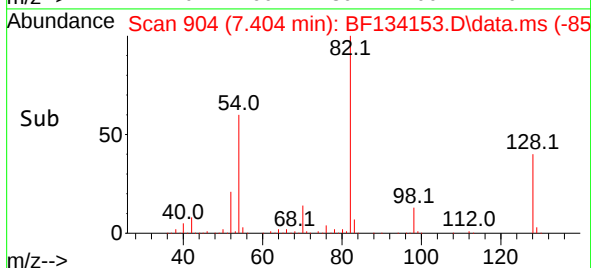
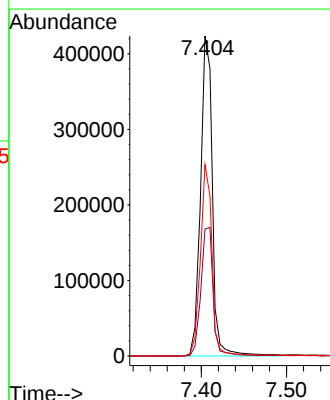
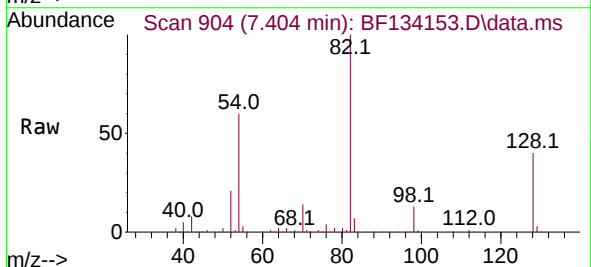
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.6	6.5	9.7
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 42.969 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

Tgt Ion: 82 Resp: 408005

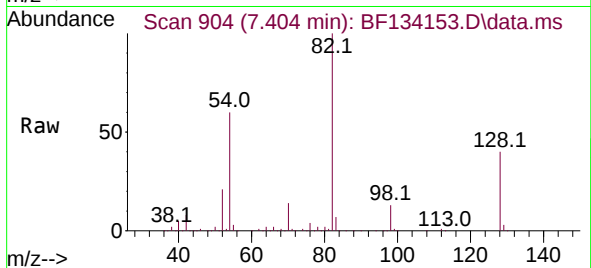
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	59.8	48.2	72.2



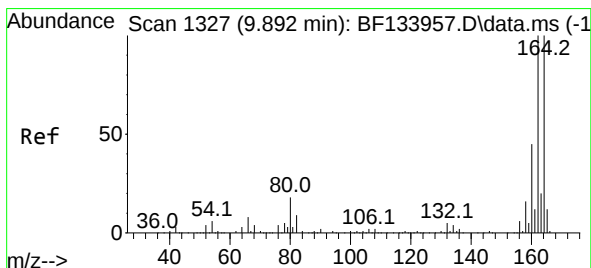
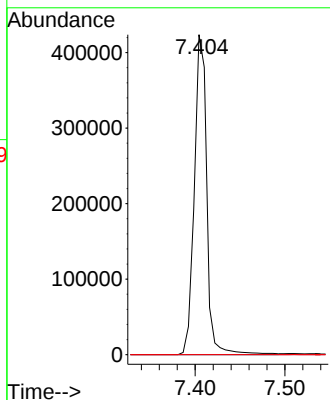
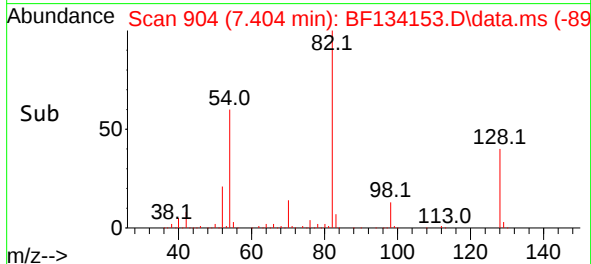


#25
Isophorone
Concen: 23.642 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

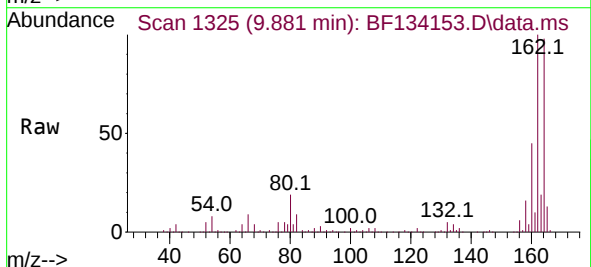
Instrument :
BNA_F
ClientSampleId :



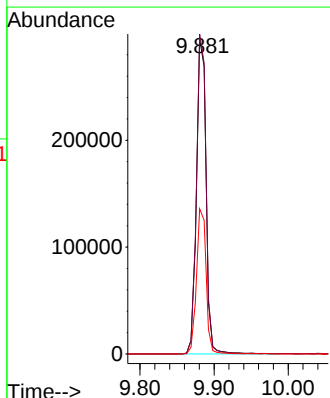
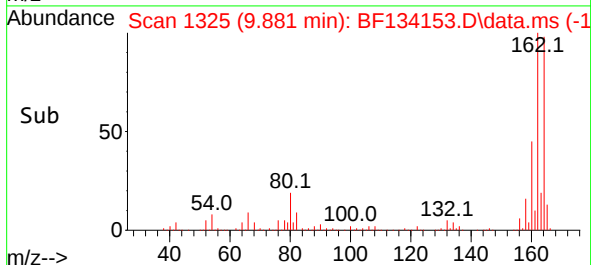
Tgt Ion: 82 Resp: 407999
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42



Tgt Ion: 164 Resp: 264349
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 46.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 62.956 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

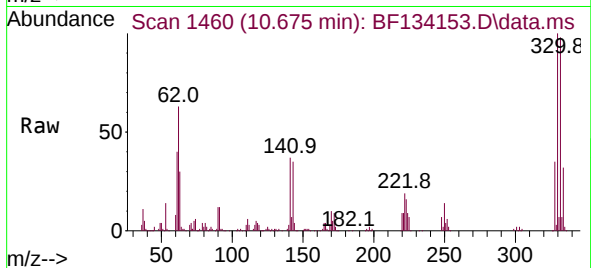
Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

Instrument :

BNA_F

ClientSampleId :



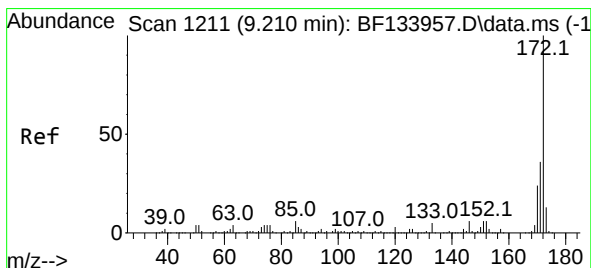
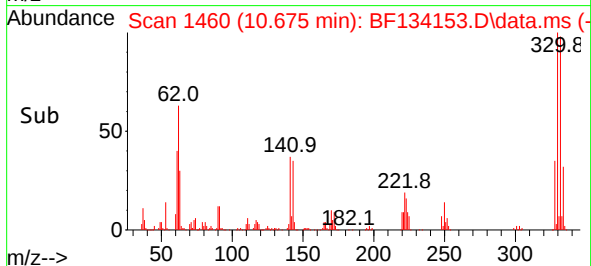
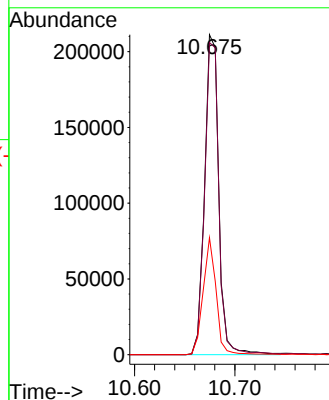
Tgt Ion:330 Resp: 208662

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

141 33.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 34.538 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

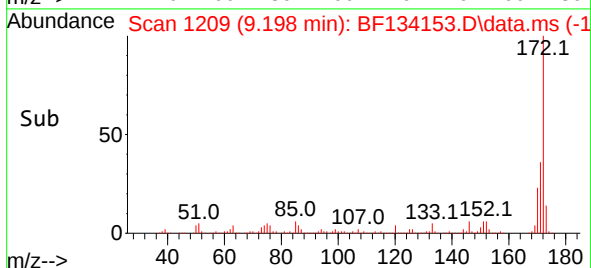
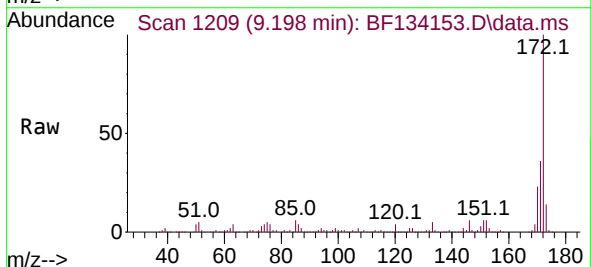
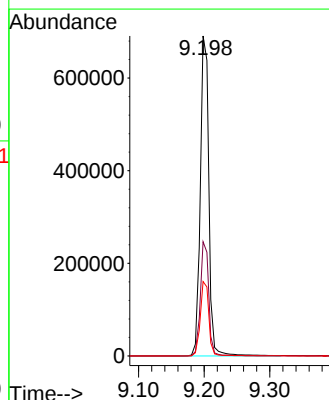
Tgt Ion:172 Resp: 627971

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.2 19.4 29.0

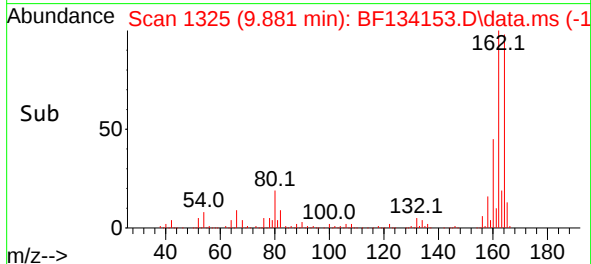
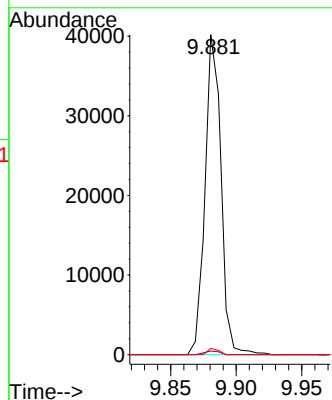
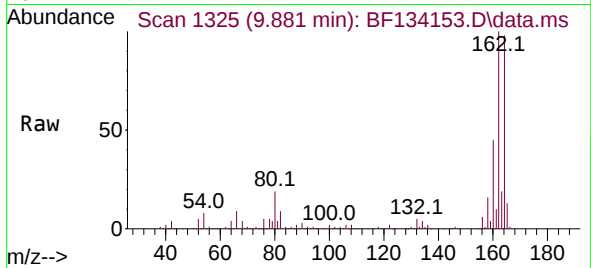




#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

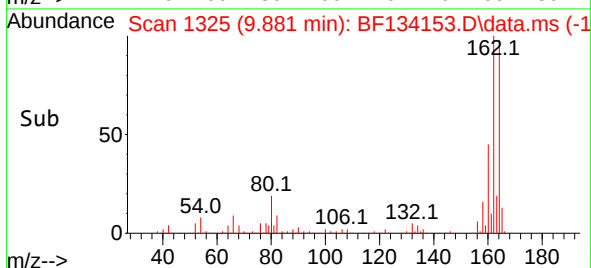
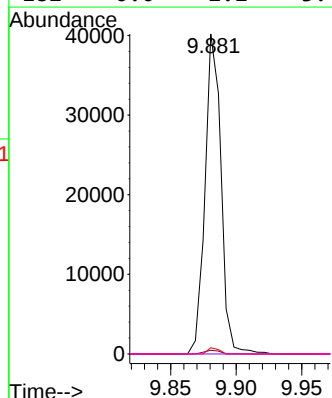
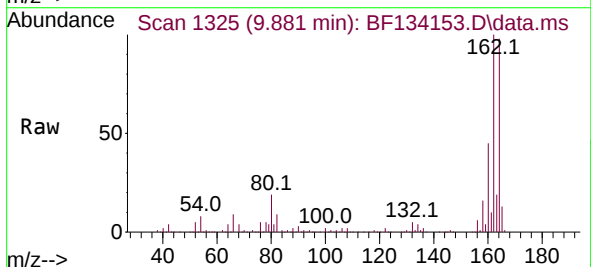
Instrument :
BNA_F
ClientSampleId :

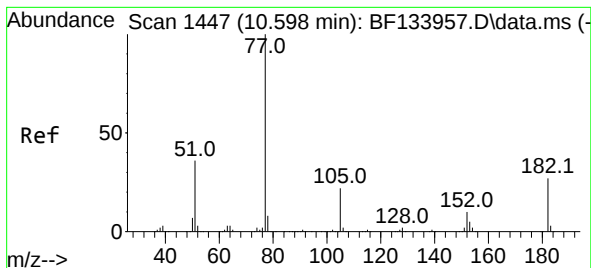
Tgt Ion:165 Resp: 34168
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.9 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134153.D
Acq: 08 Jul 2023 17:42

Tgt Ion:165 Resp: 34168
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.9 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.977 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

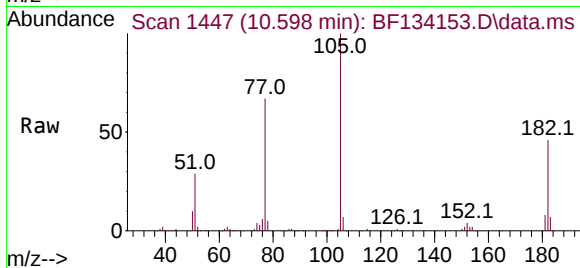
Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 56303

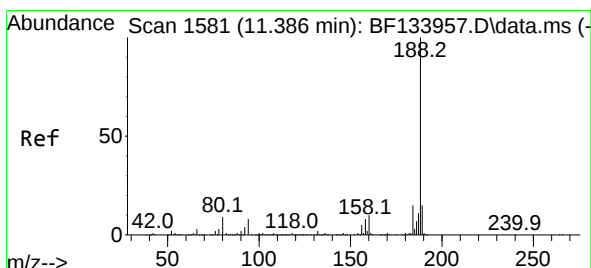
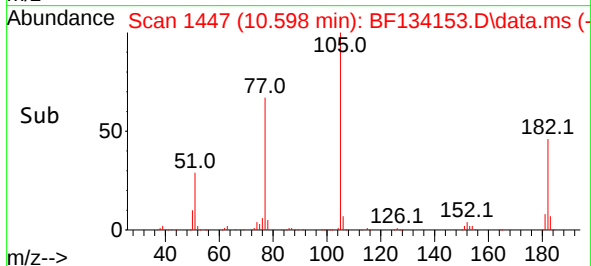
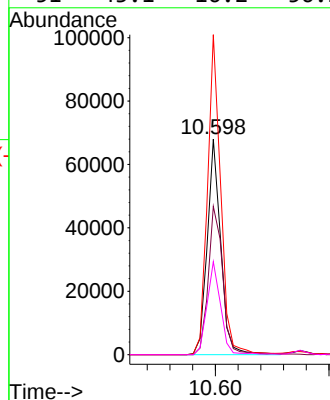
Ion Ratio Lower Upper

77 100

182 68.8 6.8 46.8#

105 148.5 2.3 42.3#

51 43.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

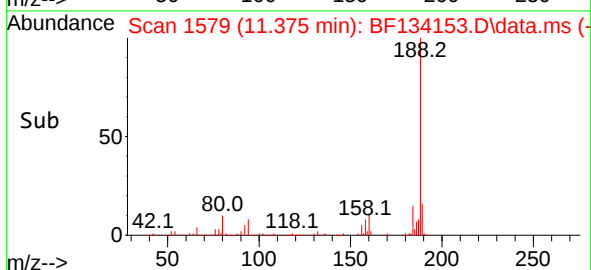
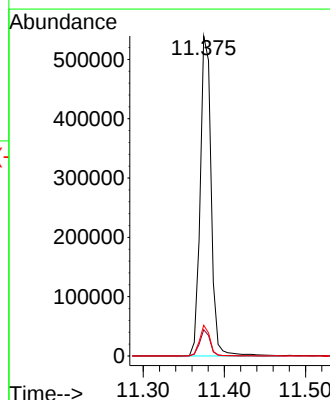
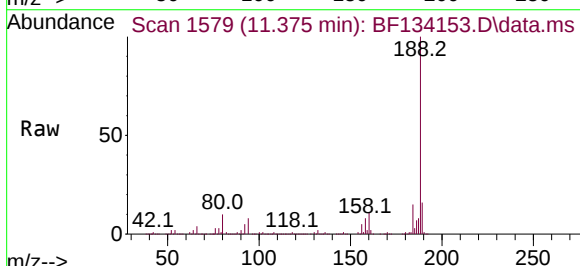
Tgt Ion: 188 Resp: 507481

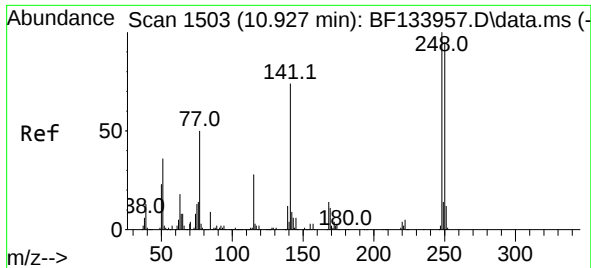
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.6 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 2.419 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

Instrument :

BNA_F

ClientSampleId :

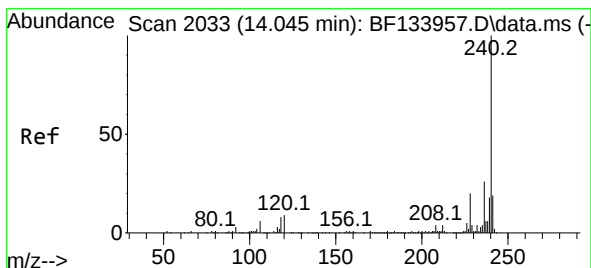
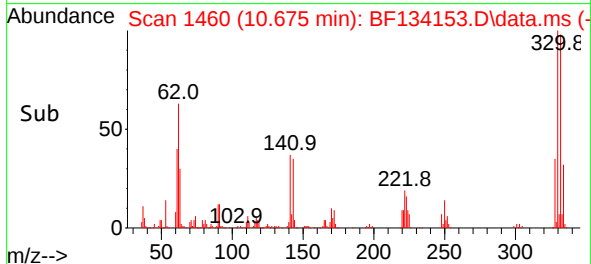
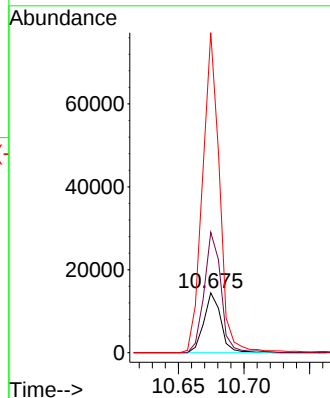
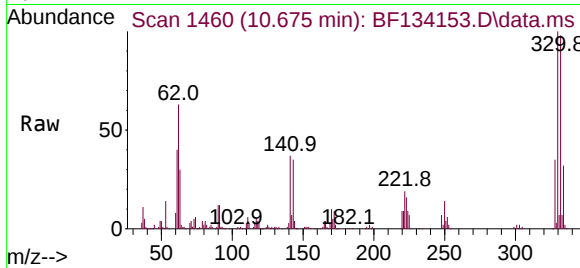
Tgt Ion:248 Resp: 13049

Ion Ratio Lower Upper

248 100

250 201.5 76.2 114.4#

141 535.3 59.0 88.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134153.D

Acq: 08 Jul 2023 17:42

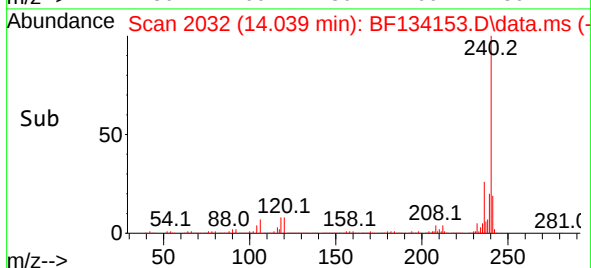
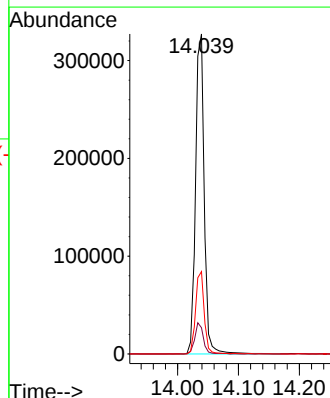
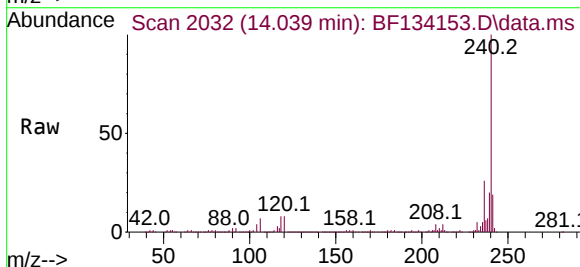
Tgt Ion:240 Resp: 323018

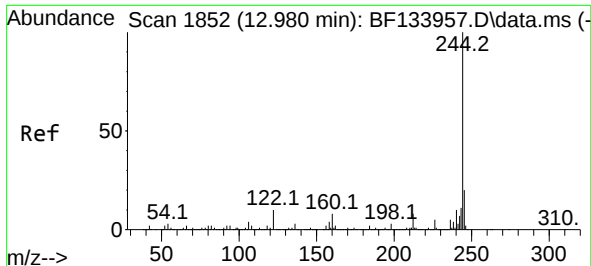
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

236 25.7 21.0 31.6

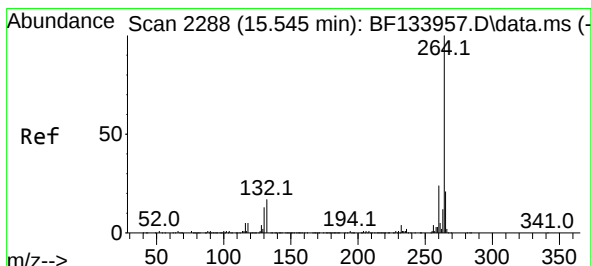
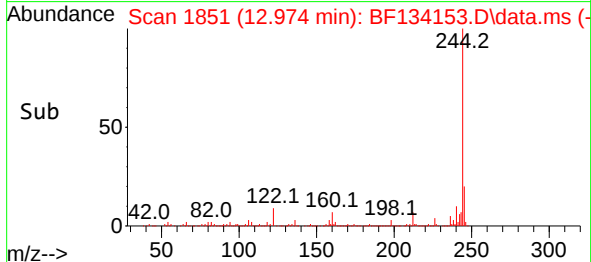
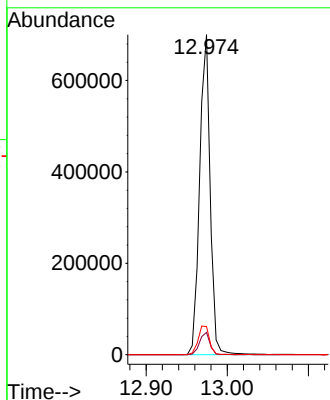
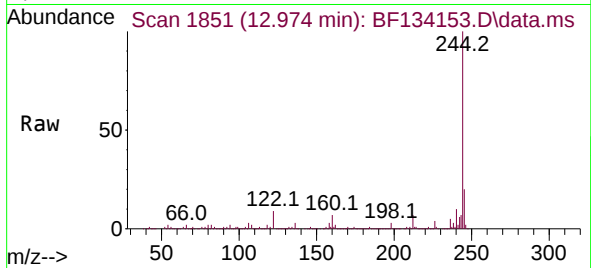




#79
 Terphenyl-d14
 Concen: 31.462 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134153.D
 Acq: 08 Jul 2023 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 631466
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.8 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: BF134153.D
 Acq: 08 Jul 2023 17:42

Tgt Ion:264 Resp: 264459
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.9 16.6 25.0

