

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134148.D
 Acq On : 08 Jul 2023 14:55
 Operator : CG\JU
 Sample : 03523-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:37:11 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)

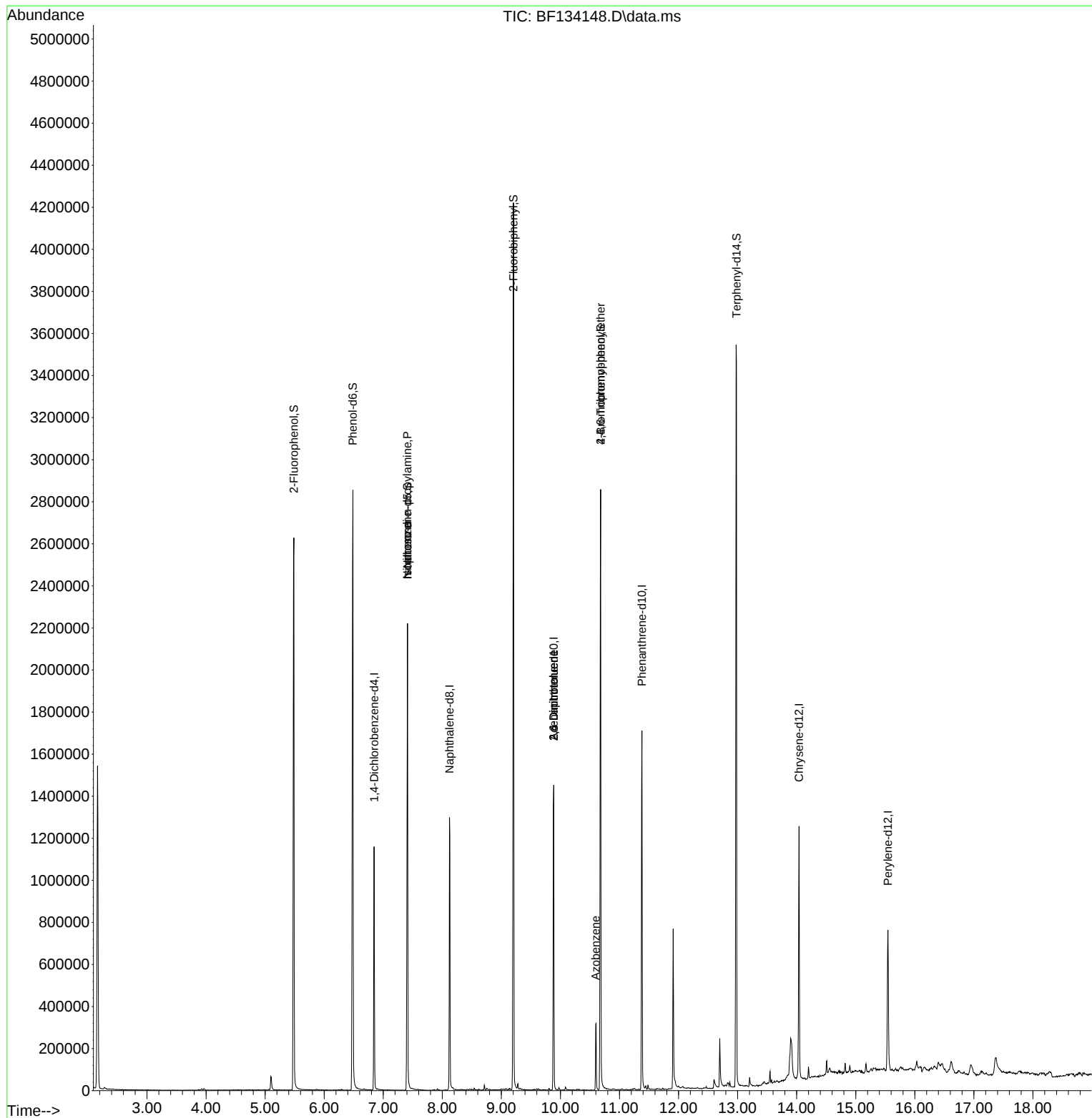
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	159060	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	590041	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	299951	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	639482	20.000	ng	0.00
76) Chrysene-d12	14.039	240	393138	20.000	ng	-0.01
86) Perylene-d12	15.545	264	339803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	747538	78.615	ng	0.00
7) Phenol-d6	6.486	99	1004709	85.917	ng	0.00
23) Nitrobenzene-d5	7.410	82	672987	61.483	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	359061	95.475	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1214006	58.844	ng	0.00
79) Terphenyl-d14	12.980	244	1367131	55.967	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1813	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	93717	12.637	ng	# 75
25) Isophorone	7.410	82	672982	33.830	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	38468	8.203	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	38468	6.211	ng	# 22
63) Azobenzene	10.598	77	60503	2.820	ng	# 2
67) 4-Bromophenyl-phenylether	10.680	248	21740	3.198	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134148.D
Acq On : 08 Jul 2023 14:55
Operator : CG\JU
Sample : 03523-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

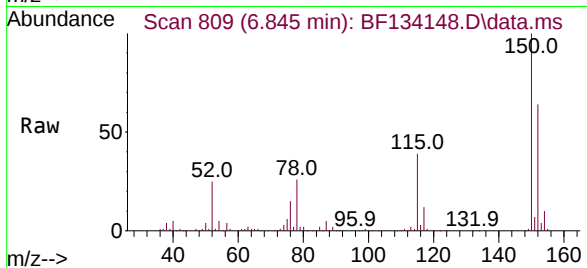
Quant Time: Jul 09 00:37:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



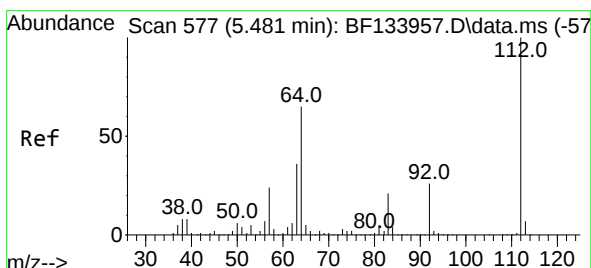
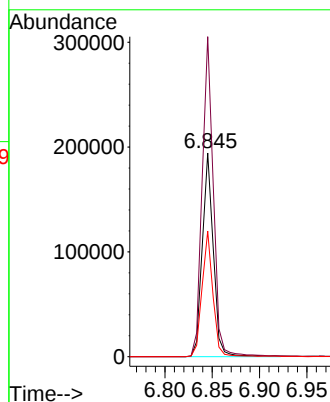
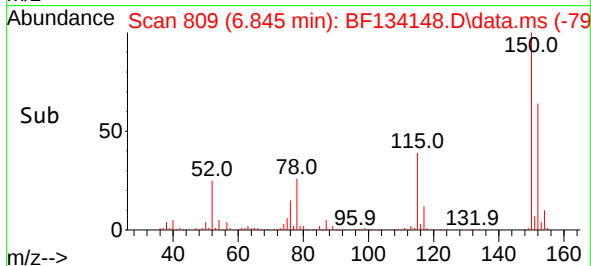


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

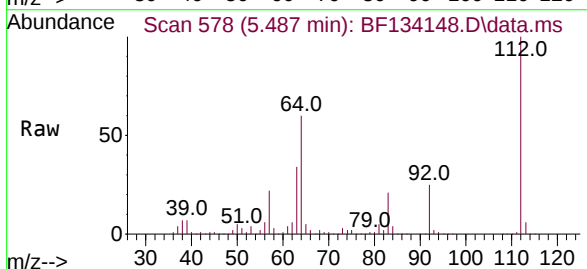
Instrument :
BNA_F
ClientSampleId :



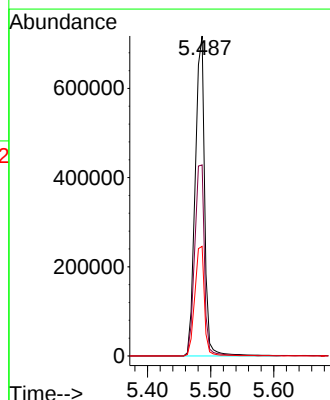
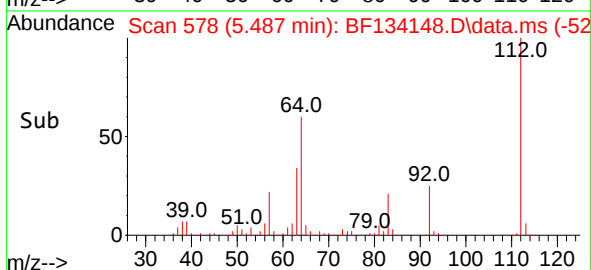
Tgt Ion:152 Resp: 159060
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 61.7 50.2 75.2

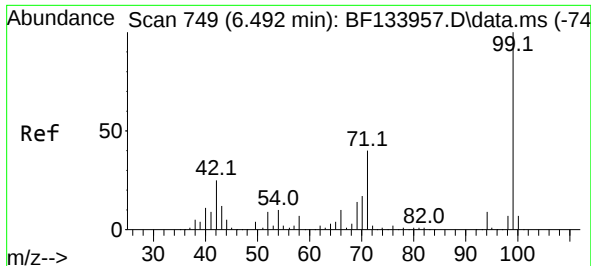


#5
2-Fluorophenol
Concen: 78.615 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55



Tgt Ion:112 Resp: 747538
Ion Ratio Lower Upper
112 100
64 59.7 52.1 78.1
63 34.3 28.6 42.8





#7

Phenol-d6

Concen: 85.917 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Instrument :

BNA_F

ClientSampleId :

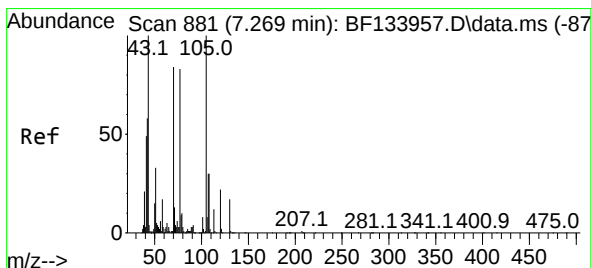
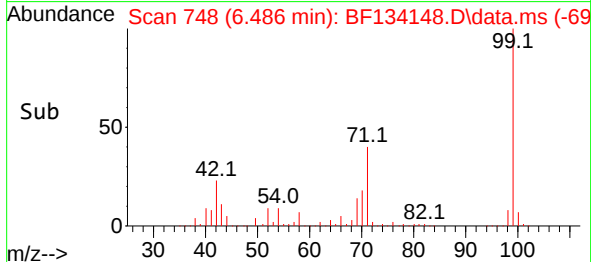
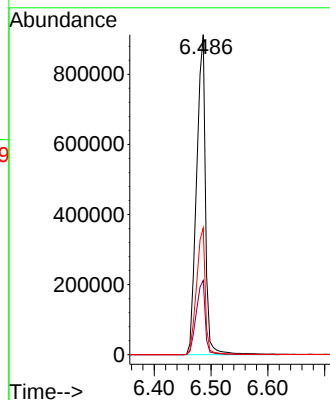
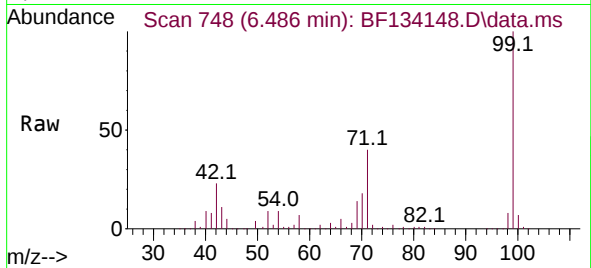
Tgt Ion: 99 Resp: 1004709

Ion Ratio Lower Upper

99 100

42 23.2 19.8 29.6

71 39.6 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.637 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.141 min

Lab File: BF134148.D

Acq: 08 Jul 2023 14:55

Tgt Ion: 70 Resp: 93717

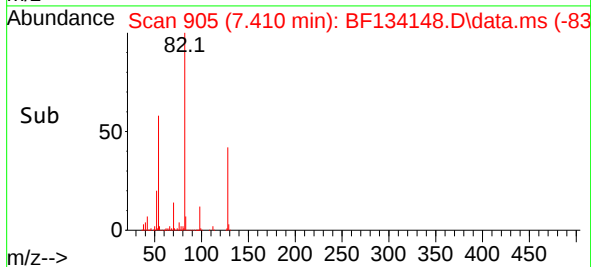
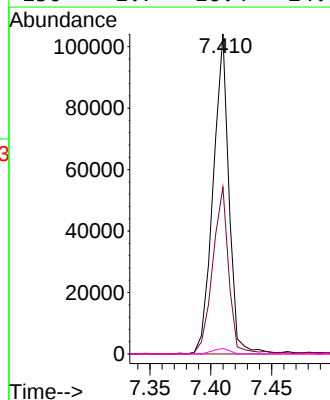
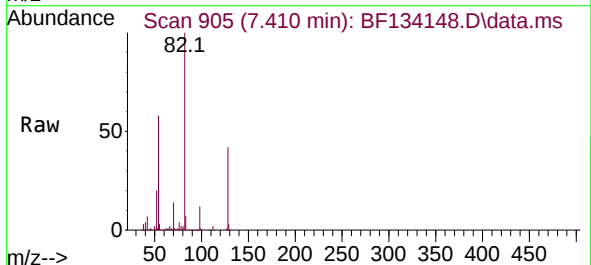
Ion Ratio Lower Upper

70 100

42 52.1 54.7 82.1#

101 0.0 7.7 11.5#

130 1.7 16.4 24.6#



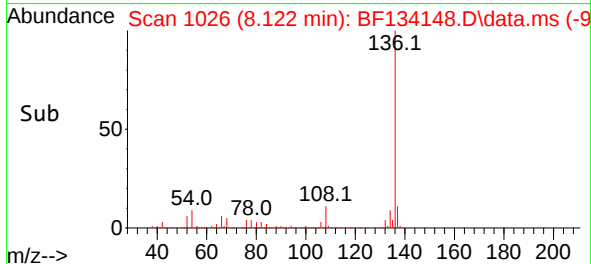
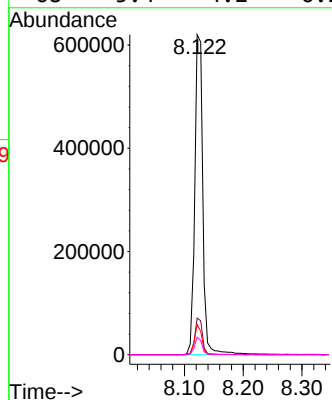
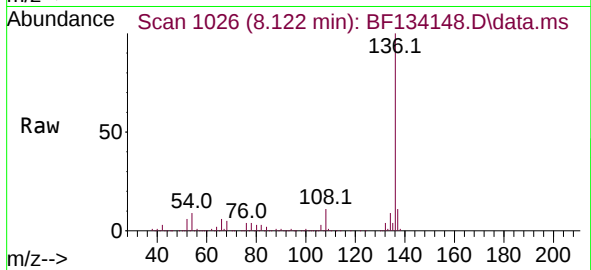


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 590041

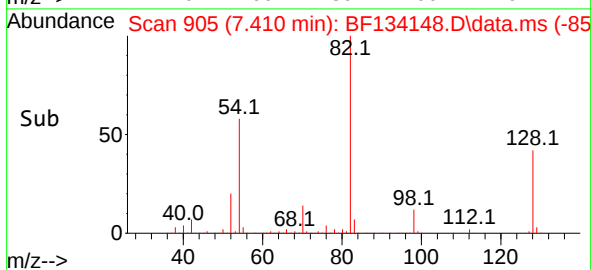
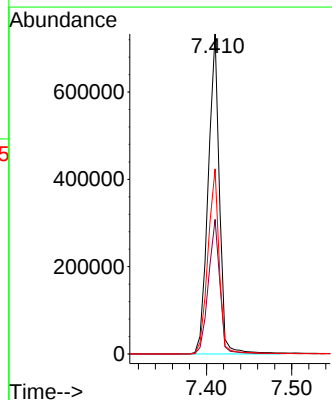
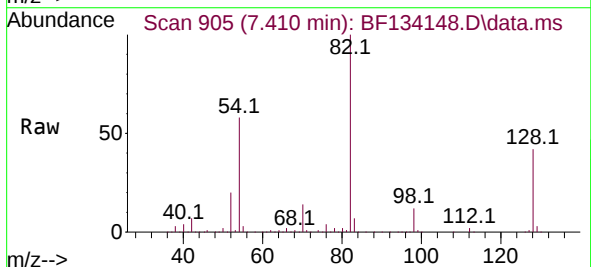
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	9.4	6.5	9.7
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 61.483 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Tgt Ion: 82 Resp: 672987

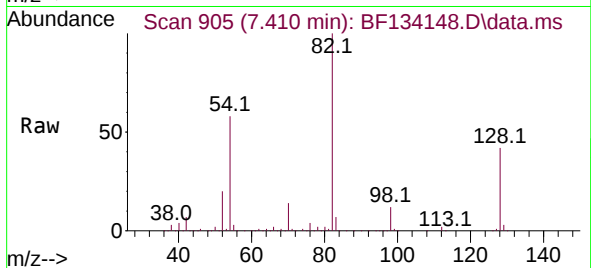
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.5	48.7
54	57.9	48.2	72.2



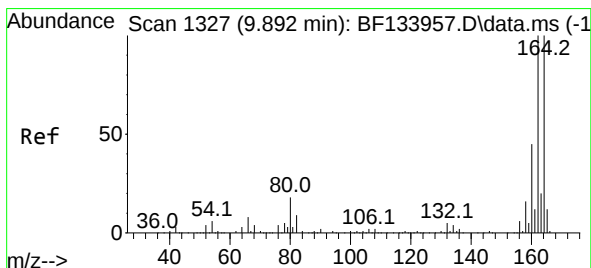
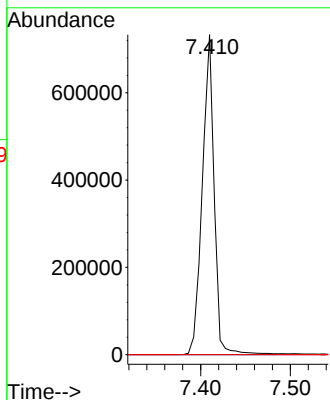
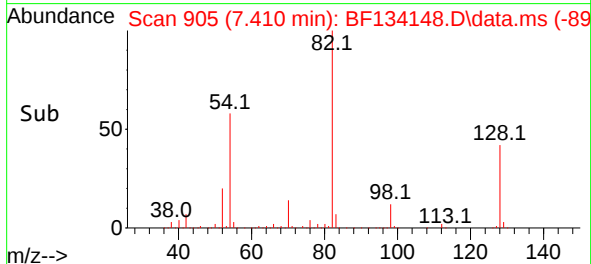


#25
Isophorone
Concen: 33.830 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Instrument :
BNA_F
ClientSampleId :

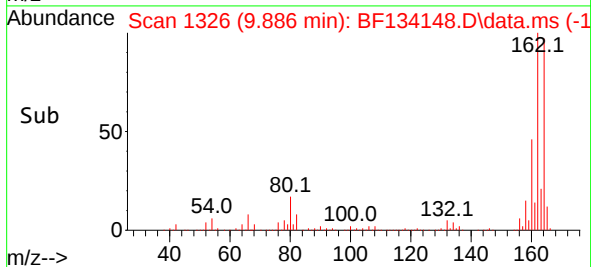
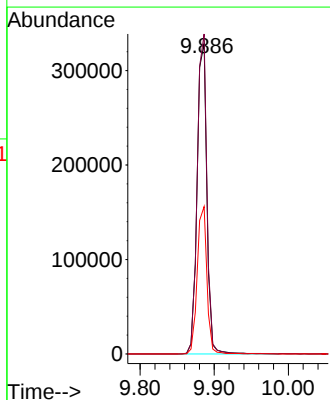
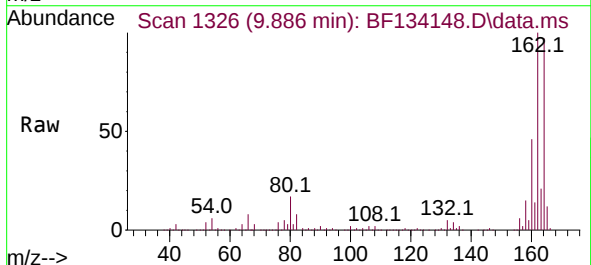


Tgt Ion: 82 Resp: 672982
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

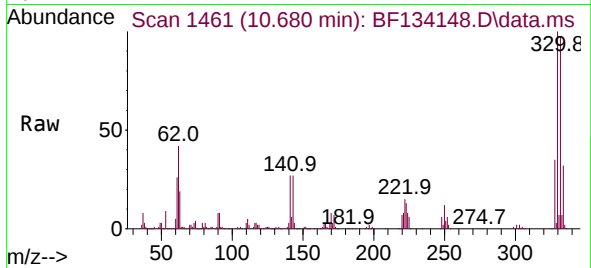
Tgt Ion:164 Resp: 299951
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 47.5 35.9 53.9



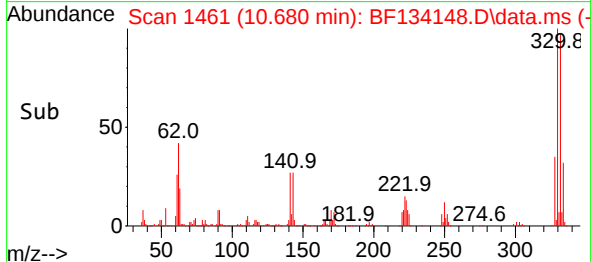
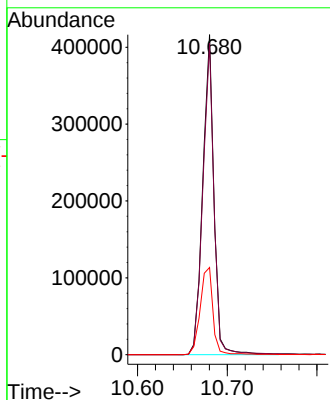


#42
2,4,6-Tribromophenol
Concen: 95.475 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Instrument :
BNA_F
ClientSampleId :

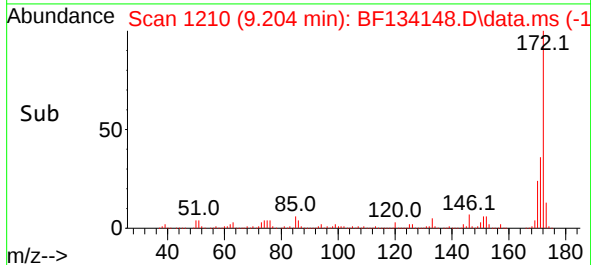
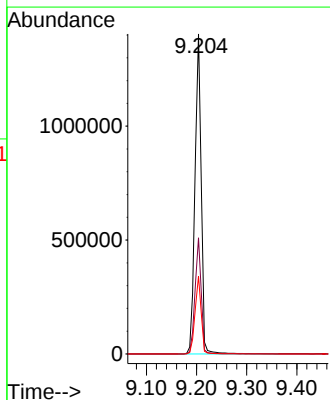
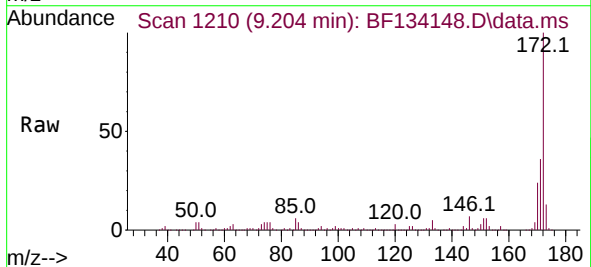


Tgt Ion:330 Resp: 359061
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 31.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 58.844 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

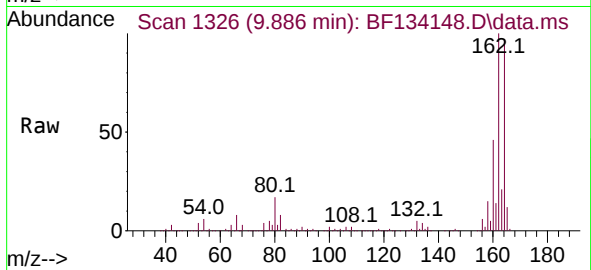
Tgt Ion:172 Resp: 1214006
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.3 19.4 29.0



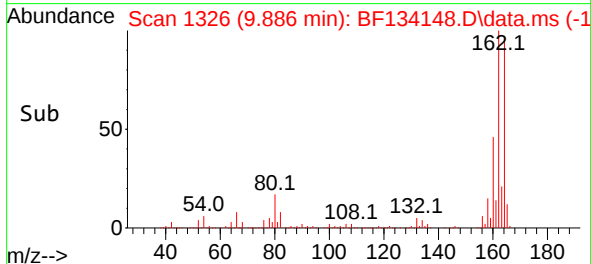
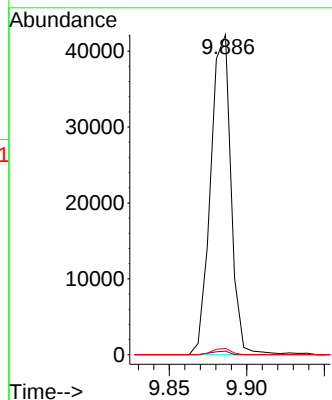


#51
2,6-Dinitrotoluene
Concen: 8.203 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Instrument :
BNA_F
ClientSampleId :

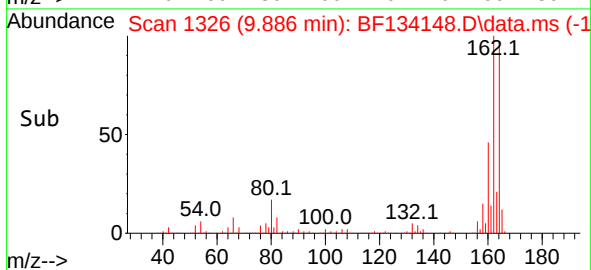
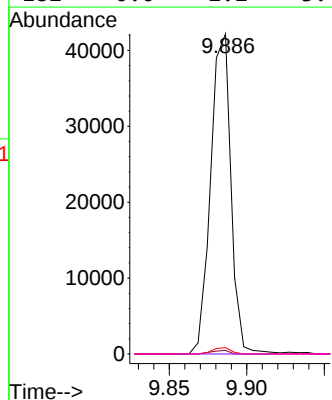
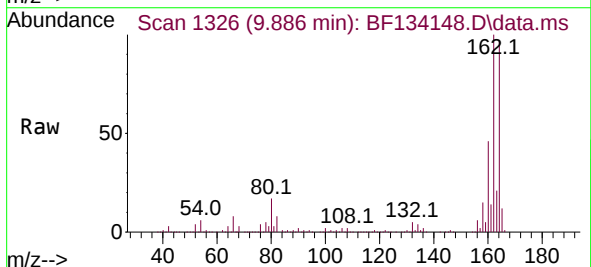


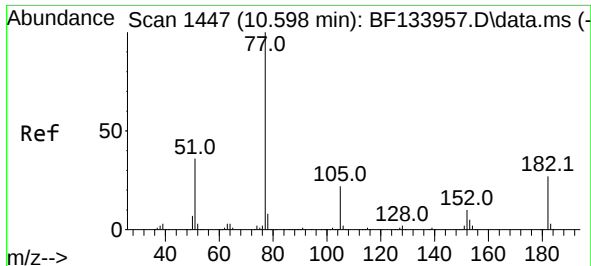
Tgt Ion:165 Resp: 38468
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.9 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.211 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Tgt Ion:165 Resp: 38468
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.9 57.4 86.2#
182 0.0 2.2 3.4#

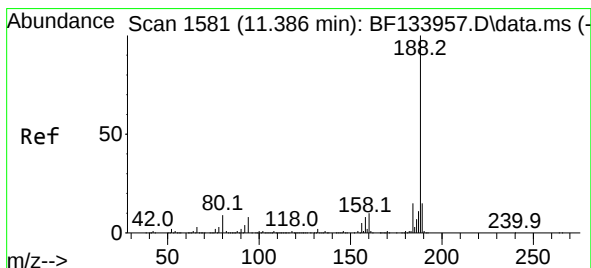
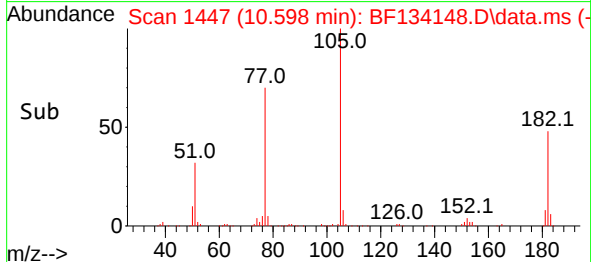
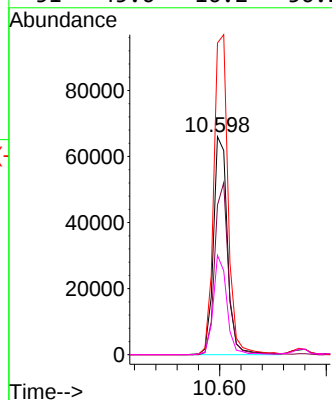
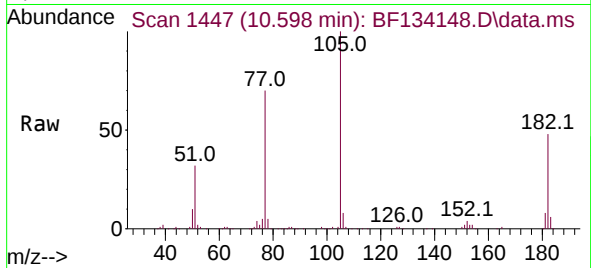




#63
Azobenzene
Concen: 2.820 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

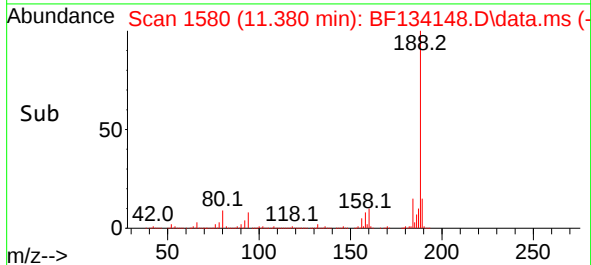
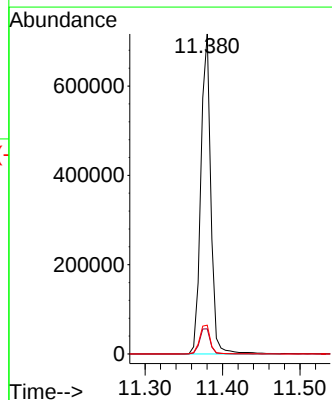
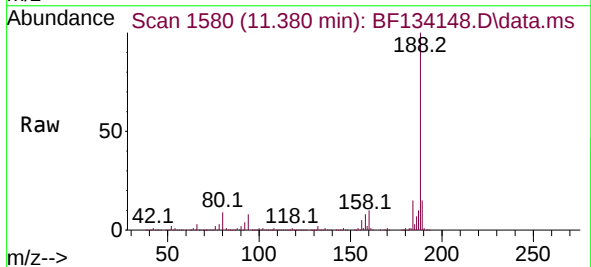
Instrument :
BNA_F
ClientSampleId :

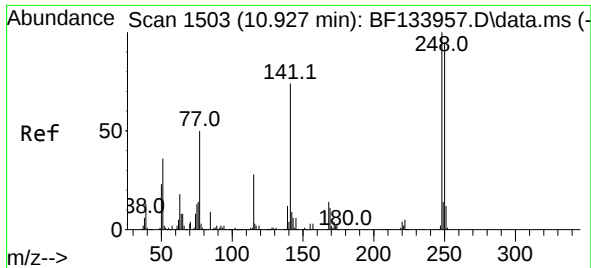
Tgt Ion: 77 Resp: 60503
Ion Ratio Lower Upper
77 100
182 68.6 6.8 46.8#
105 142.9 2.3 42.3#
51 45.6 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

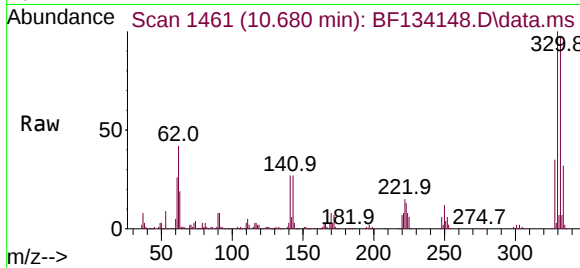
Tgt Ion:188 Resp: 639482
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.0 7.3 10.9



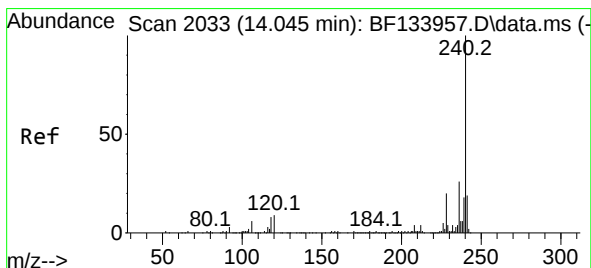
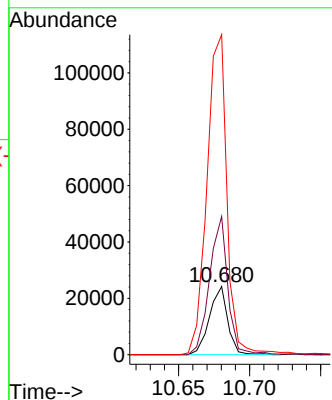
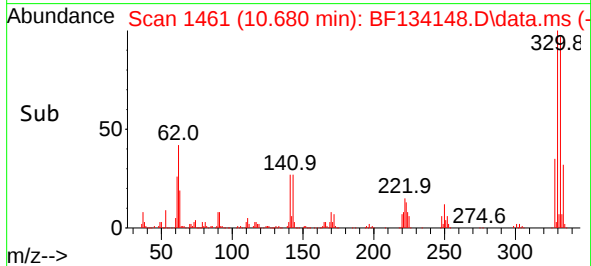


#67
4-Bromophenyl-phenylether
Concen: 3.198 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

Instrument :
BNA_F
ClientSampleId :

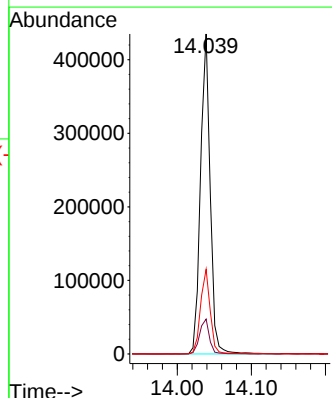
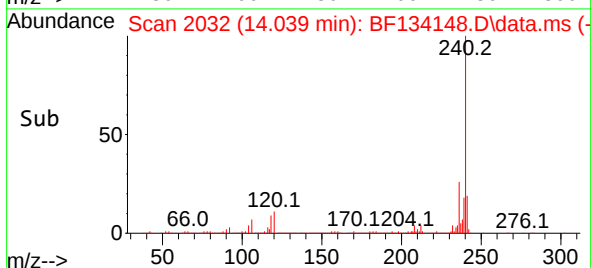
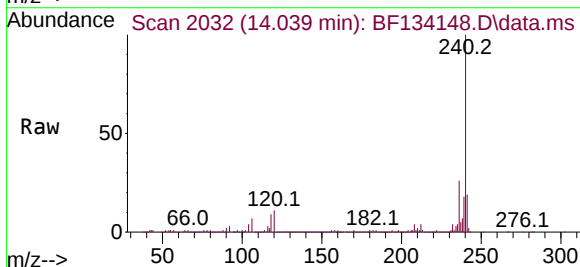


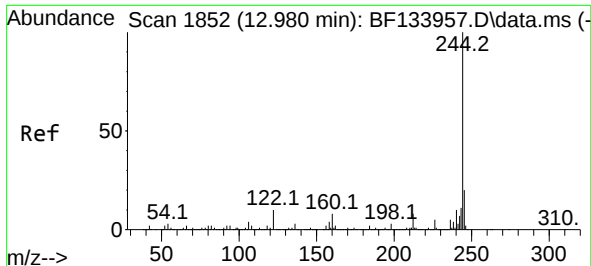
Tgt Ion:248 Resp: 21740
Ion Ratio Lower Upper
248 100
250 202.6 76.2 114.4#
141 469.1 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134148.D
Acq: 08 Jul 2023 14:55

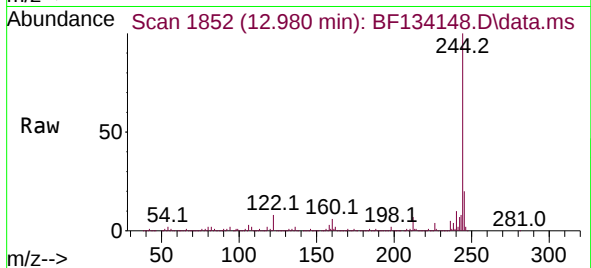
Tgt Ion:240 Resp: 393138
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 26.4 21.0 31.6



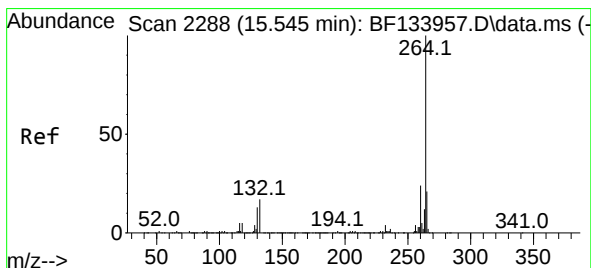
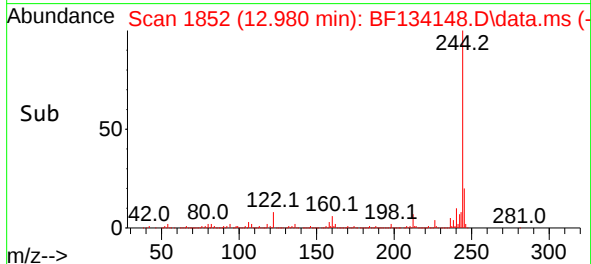
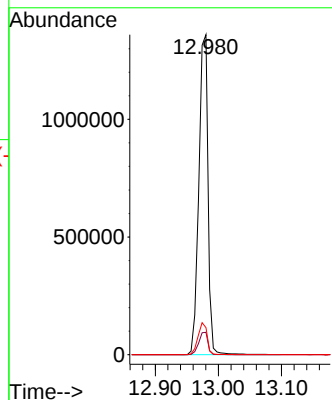


#79
 Terphenyl-d14
 Concen: 55.967 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134148.D
 Acq: 08 Jul 2023 14:55

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1367131
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134148.D
 Acq: 08 Jul 2023 14:55

Tgt Ion:264 Resp: 339803
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.1 16.6 25.0

