

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134152.D
 Acq On : 08 Jul 2023 17:08
 Operator : CG\JU
 Sample : 03519-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:38:19 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)

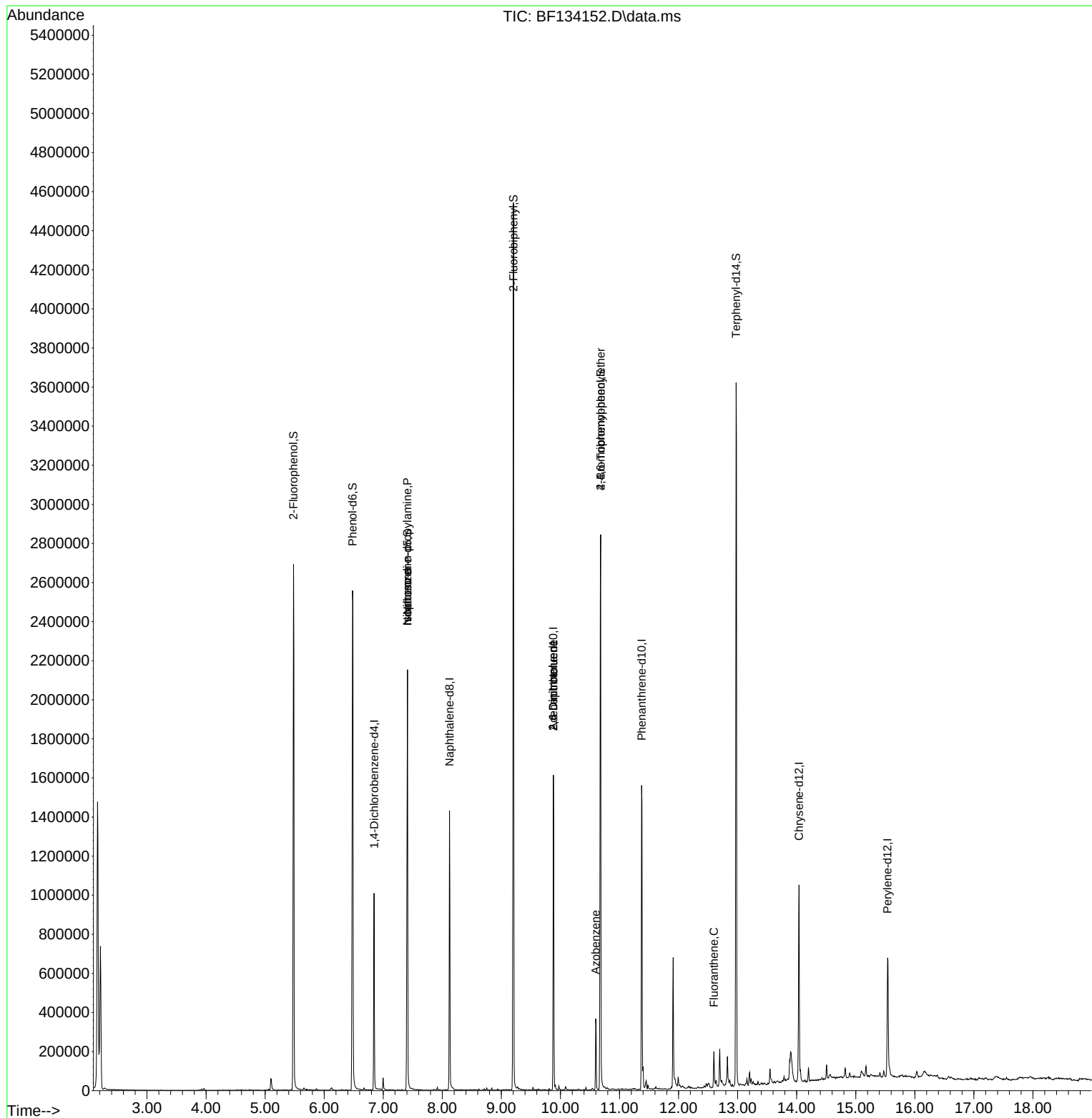
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	138022	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	595467	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	318965	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	614534	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	343906	20.000	ng	-0.01
86) Perylene-d12	15.539	264	311695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	739180	89.585	ng	0.00
7) Phenol-d6	6.481	99	940167	92.652	ng	-0.01
23) Nitrobenzene-d5	7.410	82	658999	59.657	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	386259	96.584	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1323294	60.318	ng	0.00
79) Terphenyl-d14	12.974	244	1376295	64.408	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	54	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	91347	14.195	ng	# 76
25) Isophorone	7.410	82	658992	32.824	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	41579	8.338	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	41579	6.313	ng	# 22
63) Azobenzene	10.598	77	65784	2.883	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	23294	3.566	ng	# 1
75) Fluoranthene	12.598	202	68789	2.057	ng	98

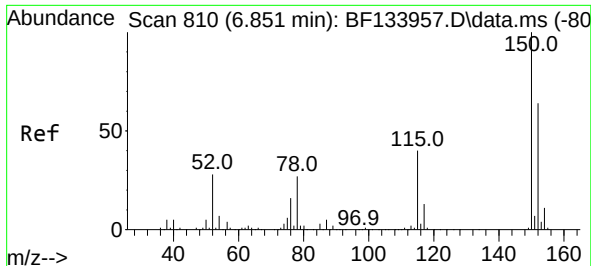
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

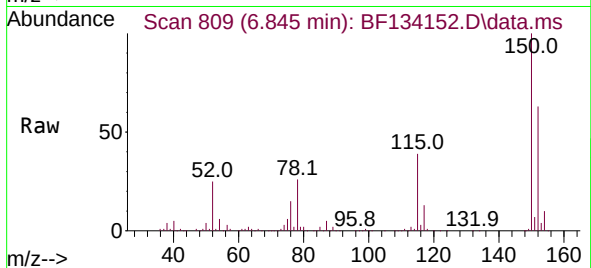
Quant Time: Jul 09 00:38:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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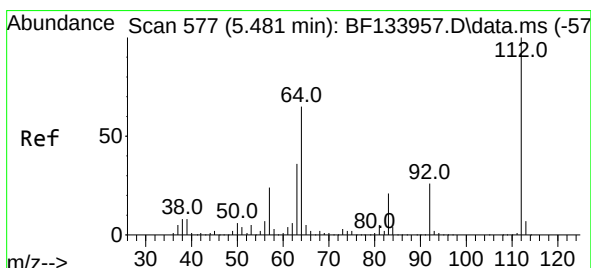
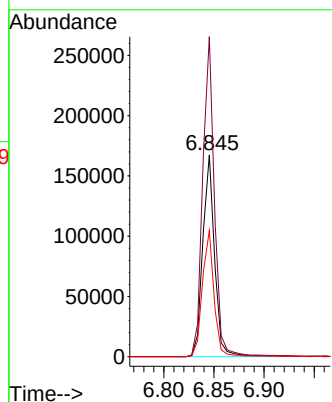
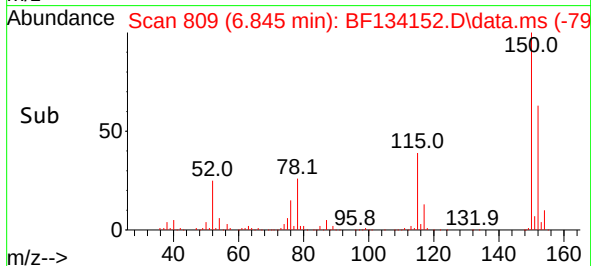


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

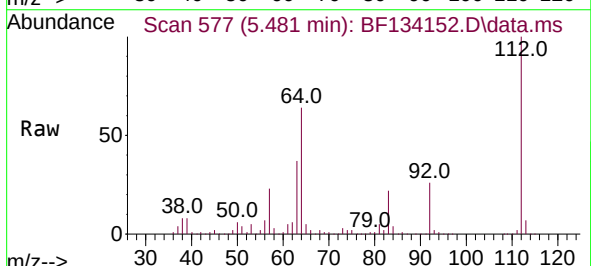
Instrument :
BNA_F
ClientSampleId :



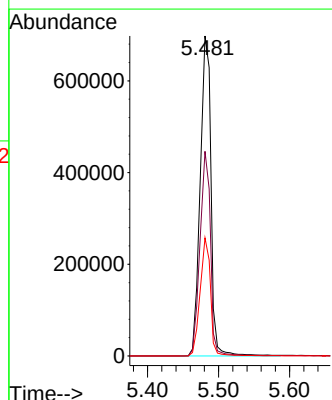
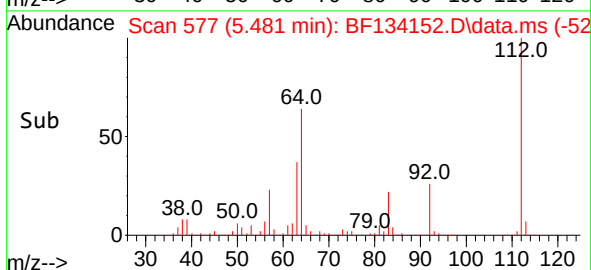
Tgt Ion:152 Resp: 138022
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 62.5 50.2 75.2

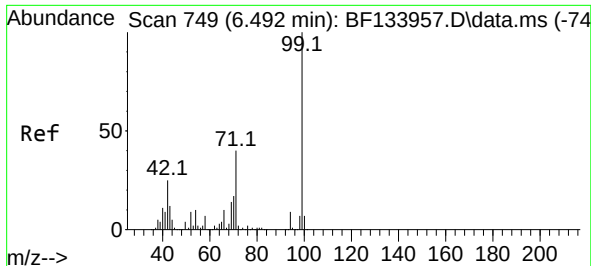


#5
2-Fluorophenol
Concen: 89.585 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08



Tgt Ion:112 Resp: 739180
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.9 28.6 42.8

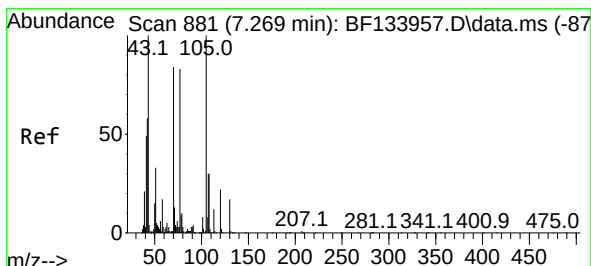
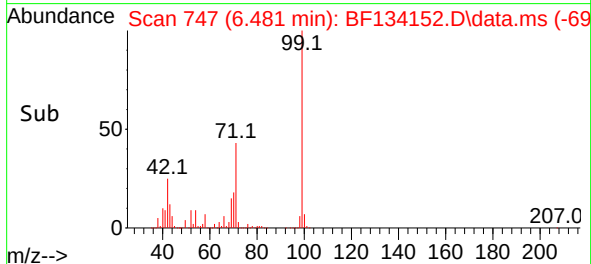
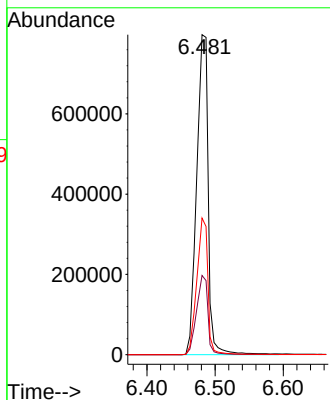
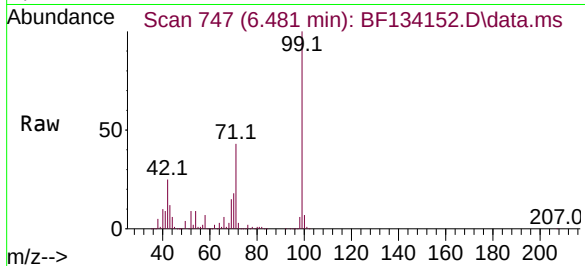




#7
Phenol-d6
Concen: 92.652 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

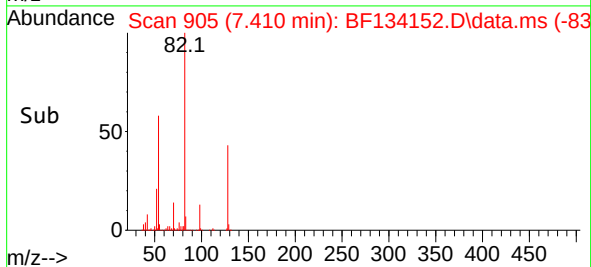
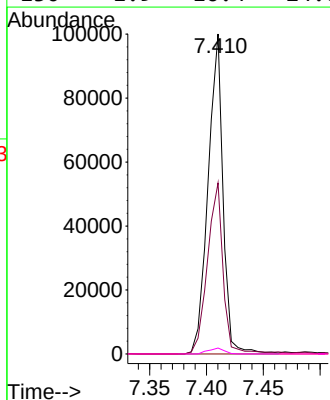
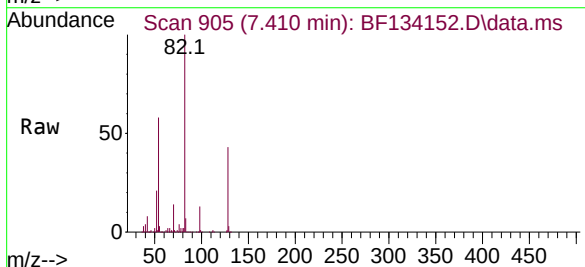
Instrument :
BNA_F
ClientSampleId :

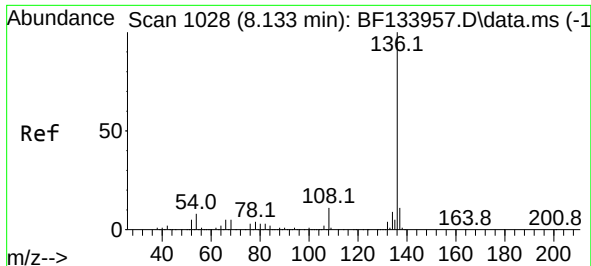
Tgt Ion: 99 Resp: 940167
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 42.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.195 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion: 70 Resp: 91347
Ion Ratio Lower Upper
70 100
42 53.5 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



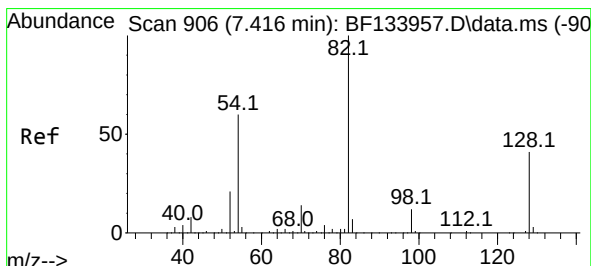
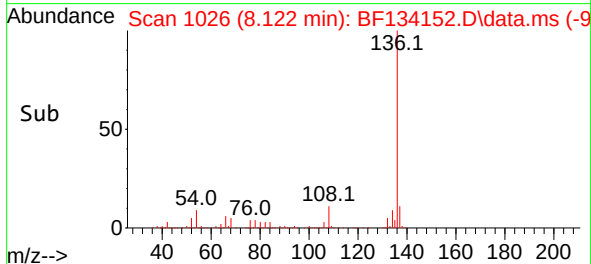
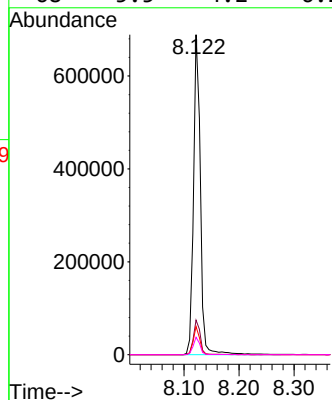
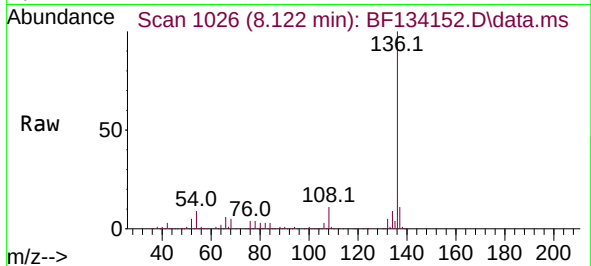


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 595467

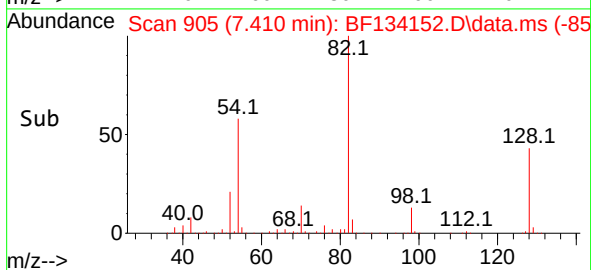
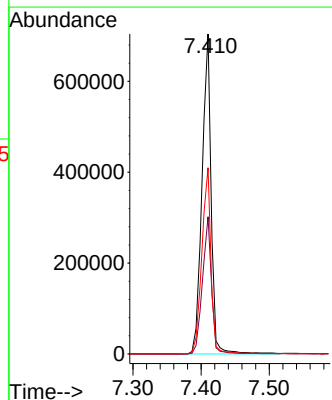
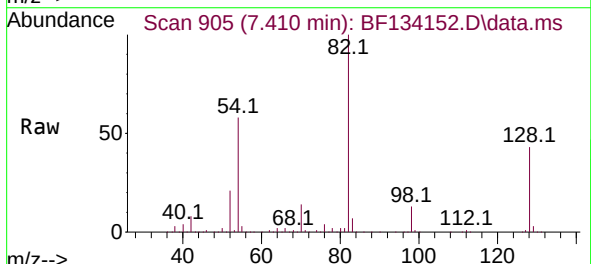
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.8	6.5	9.7
68	5.5	4.2	6.2

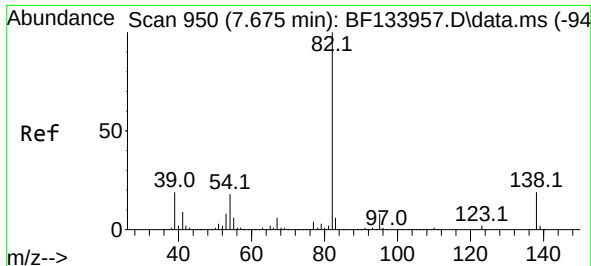


#23
Nitrobenzene-d5
Concen: 59.657 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion: 82 Resp: 658999

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.5	48.7
54	58.2	48.2	72.2

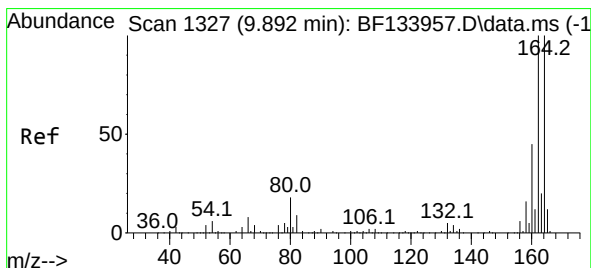
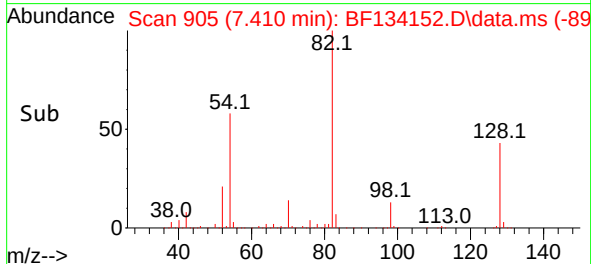
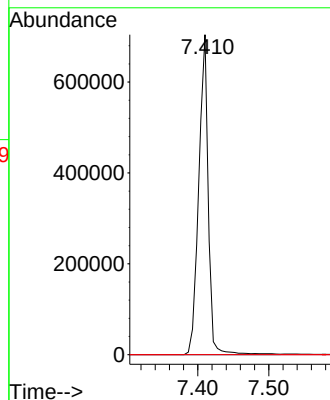
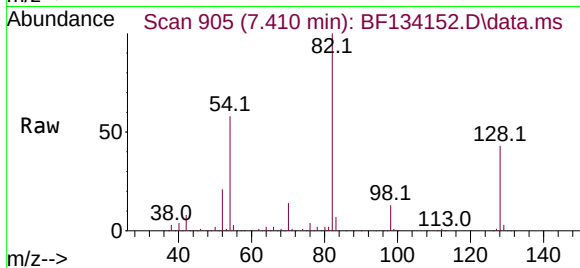




#25
Isophorone
Concen: 32.824 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

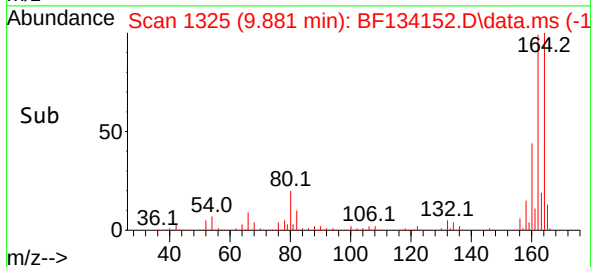
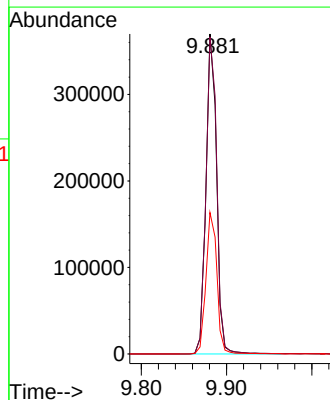
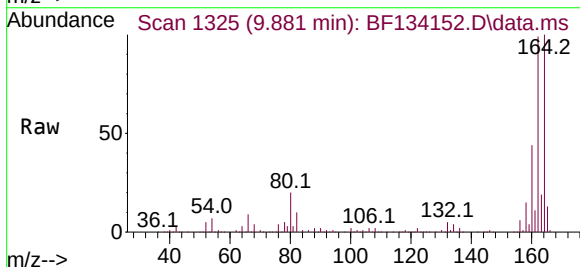
Instrument :
BNA_F
ClientSampleId :

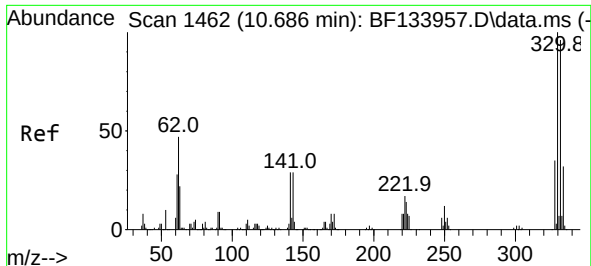
Tgt Ion: 82 Resp: 658992
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

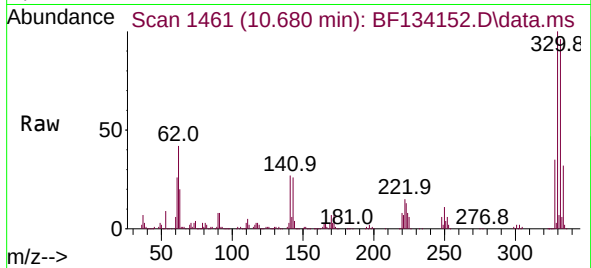
Tgt Ion: 164 Resp: 318965
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 44.2 35.9 53.9



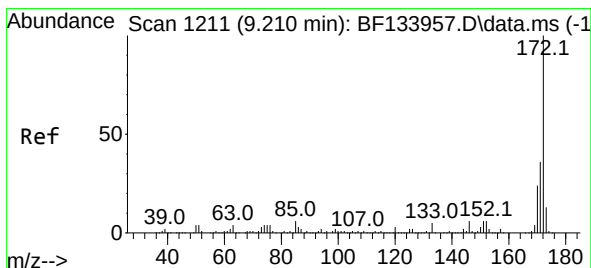
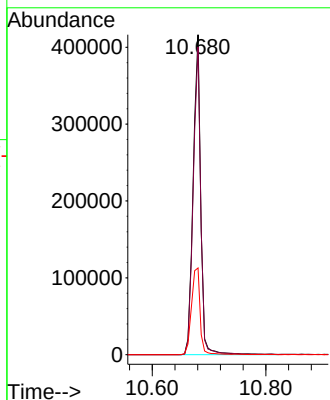
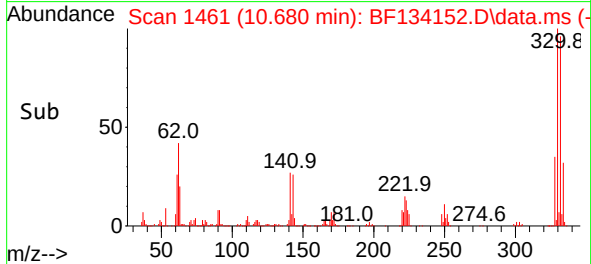


#42
 2,4,6-Tribromophenol
 Concen: 96.584 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF134152.D
 Acq: 08 Jul 2023 17:08

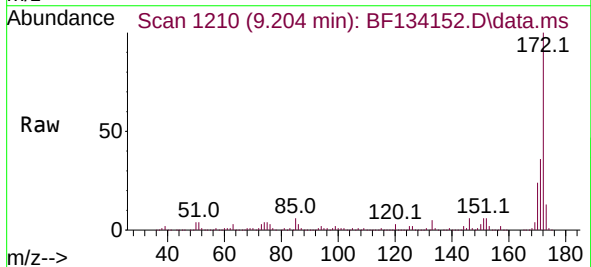
Instrument :
 BNA_F
 ClientSampleId :



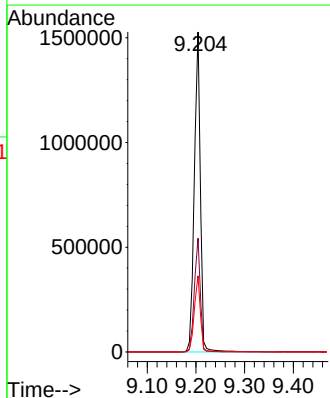
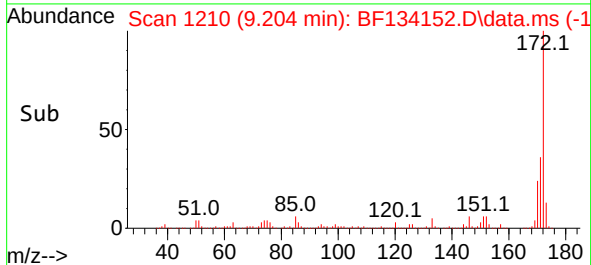
Tgt Ion:330 Resp: 386259
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 30.9 26.3 39.5

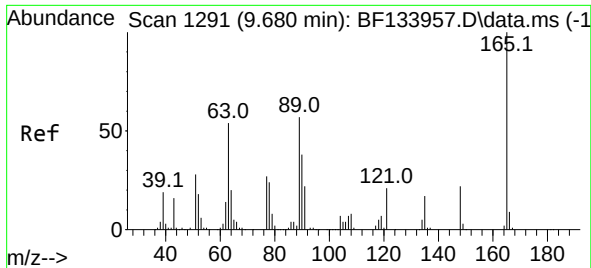


#45
 2-Fluorobiphenyl
 Concen: 60.318 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF134152.D
 Acq: 08 Jul 2023 17:08



Tgt Ion:172 Resp: 1323294
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.8 19.4 29.0

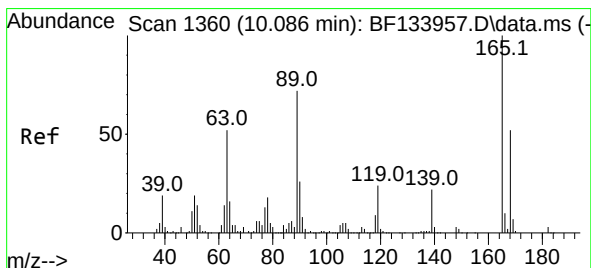
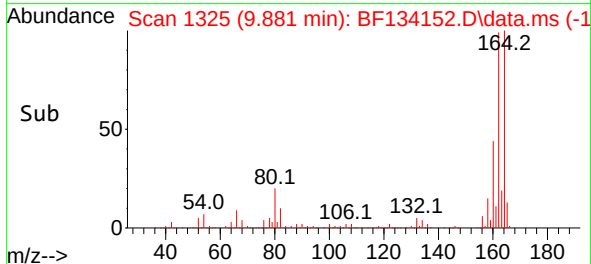
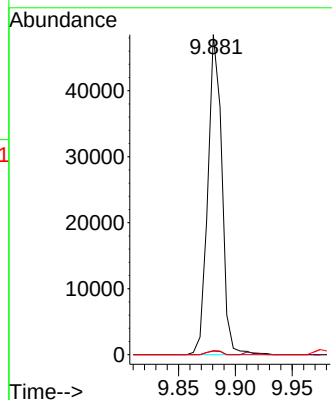
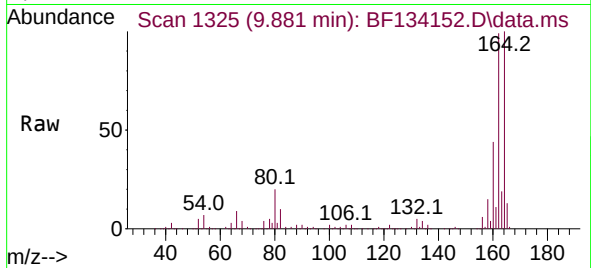




#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

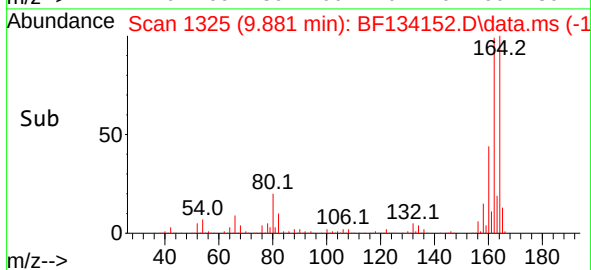
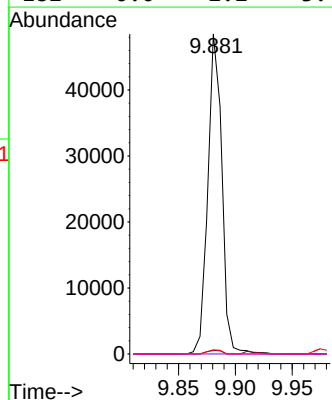
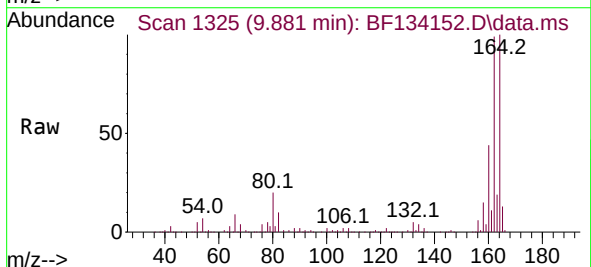
Instrument :
BNA_F
ClientSampleId :

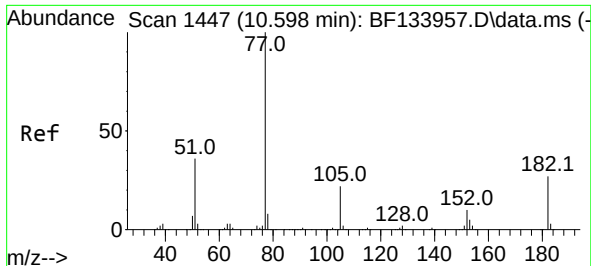
Tgt Ion:165 Resp: 41579
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.313 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

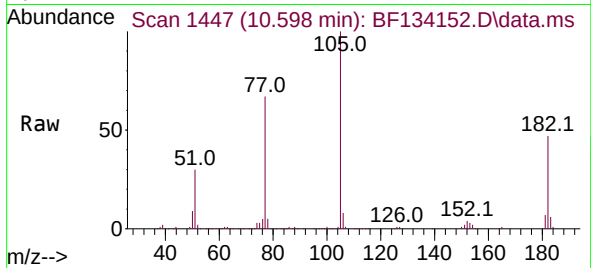
Tgt Ion:165 Resp: 41579
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#



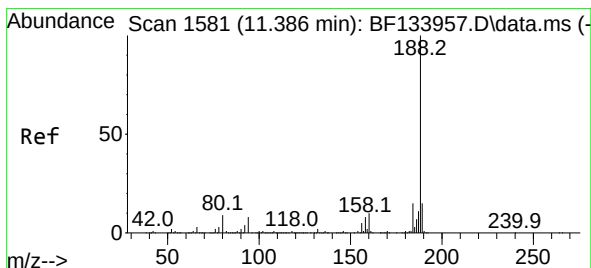
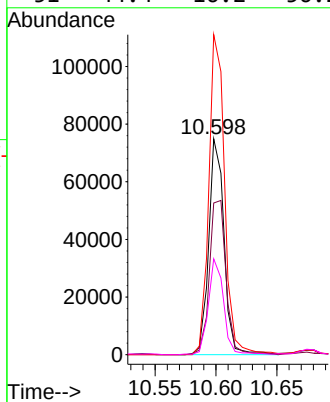
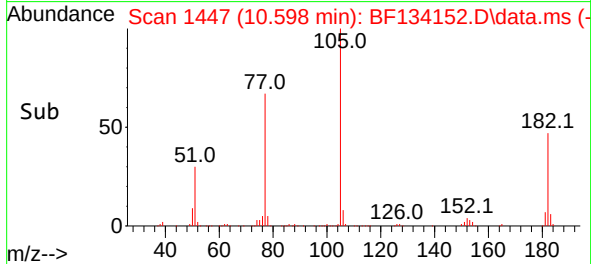


#63
Azobenzene
Concen: 2.883 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Instrument :
BNA_F
ClientSampleId :

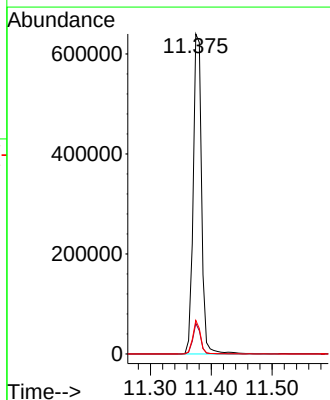
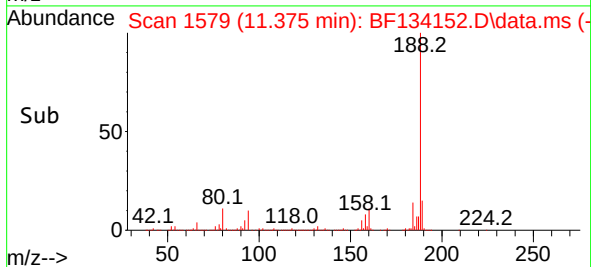
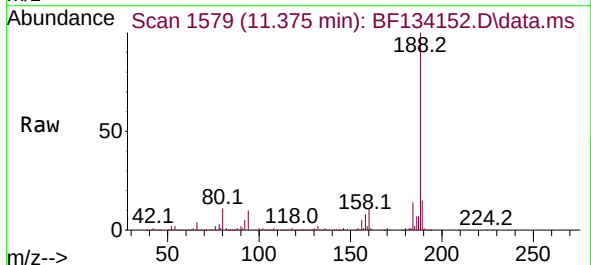


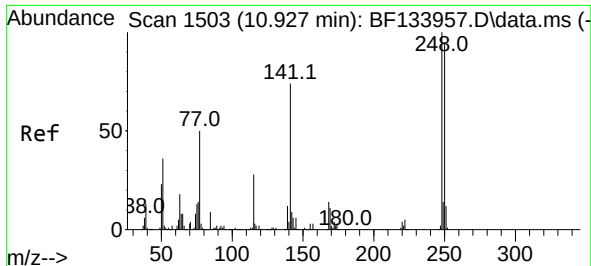
Tgt Ion: 77 Resp: 65784
Ion Ratio Lower Upper
77 100
182 70.2 6.8 46.8#
105 148.3 2.3 42.3#
51 44.4 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion: 188 Resp: 614534
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.5 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 3.566 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

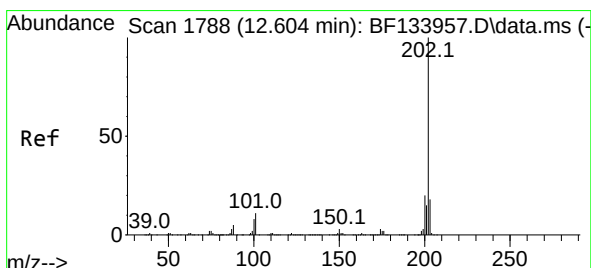
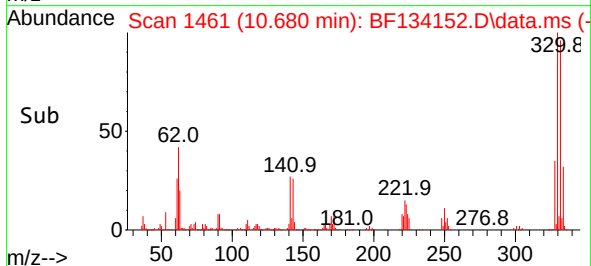
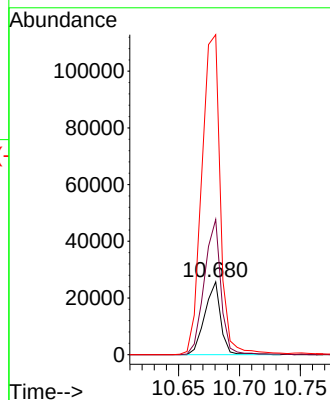
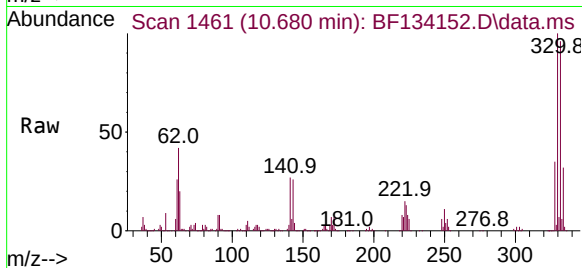
Tgt Ion:248 Resp: 23294

Ion Ratio Lower Upper

248 100

250 185.6 76.2 114.4#

141 439.4 59.0 88.4#



#75

Fluoranthene

Concen: 2.057 ng

RT: 12.598 min Scan# 1787

Delta R.T. -0.012 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

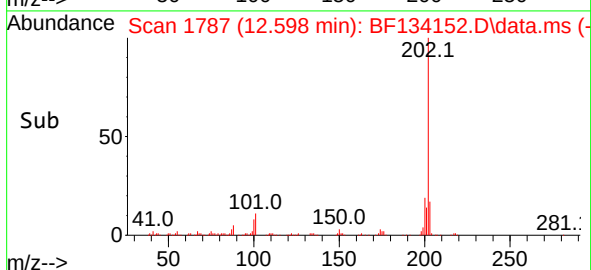
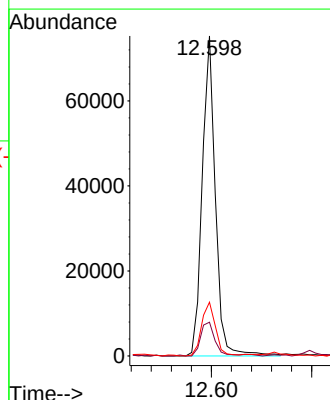
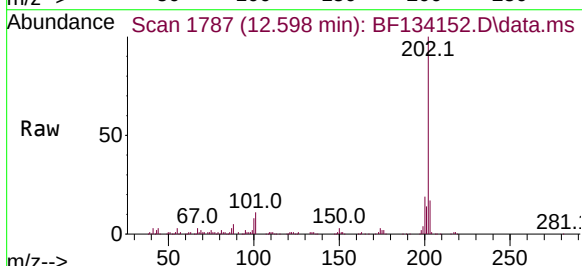
Tgt Ion:202 Resp: 68789

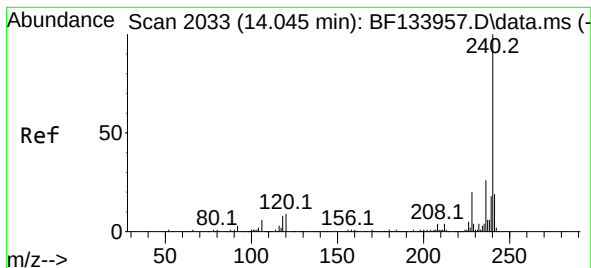
Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.0

203 16.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

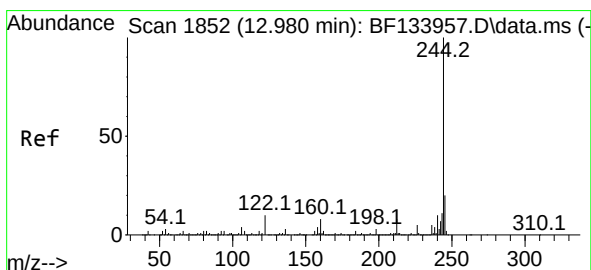
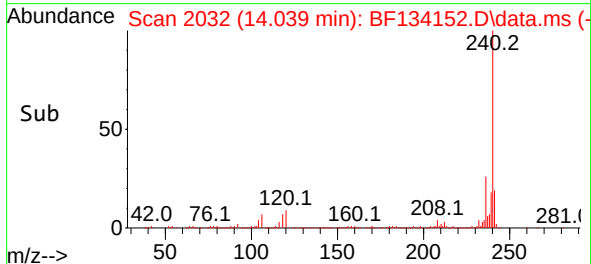
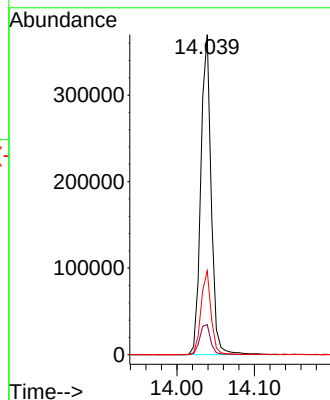
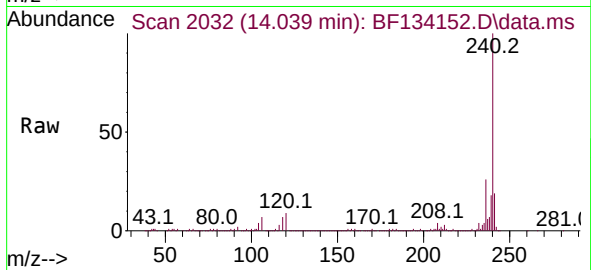
Tgt Ion:240 Resp: 343906

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 21.0 31.6



#79

Terphenyl-d14

Concen: 64.408 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

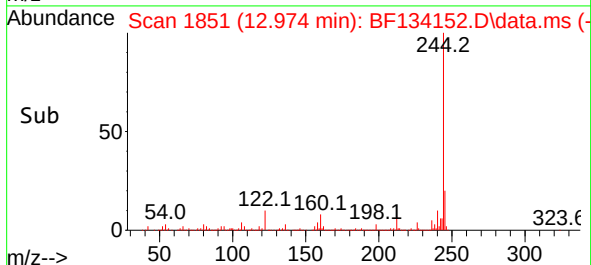
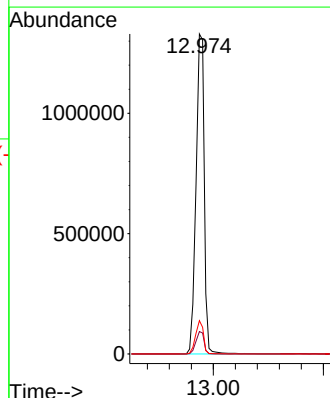
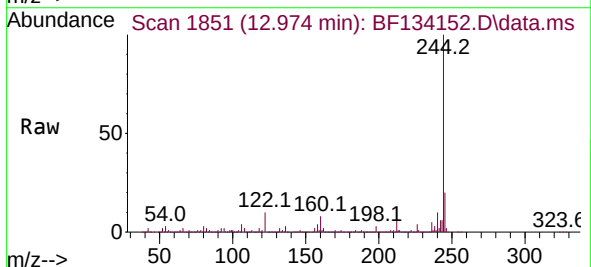
Tgt Ion:244 Resp: 1376295

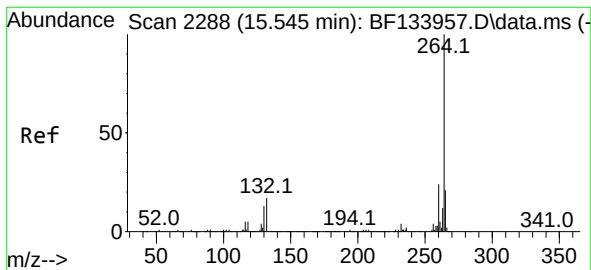
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

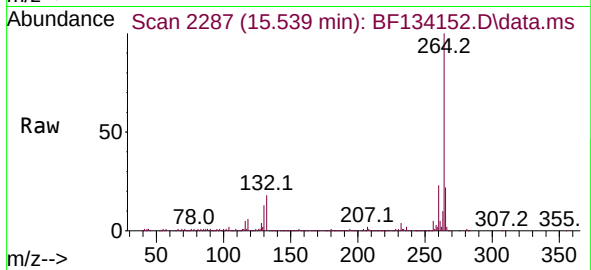
Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 311695

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.6 16.6 25.0

