

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122406.D
 Acq On : 20 Nov 2020 16:40
 Operator : JU/CG
 Sample : L4809-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-E

Quant Time: Nov 20 17:09:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

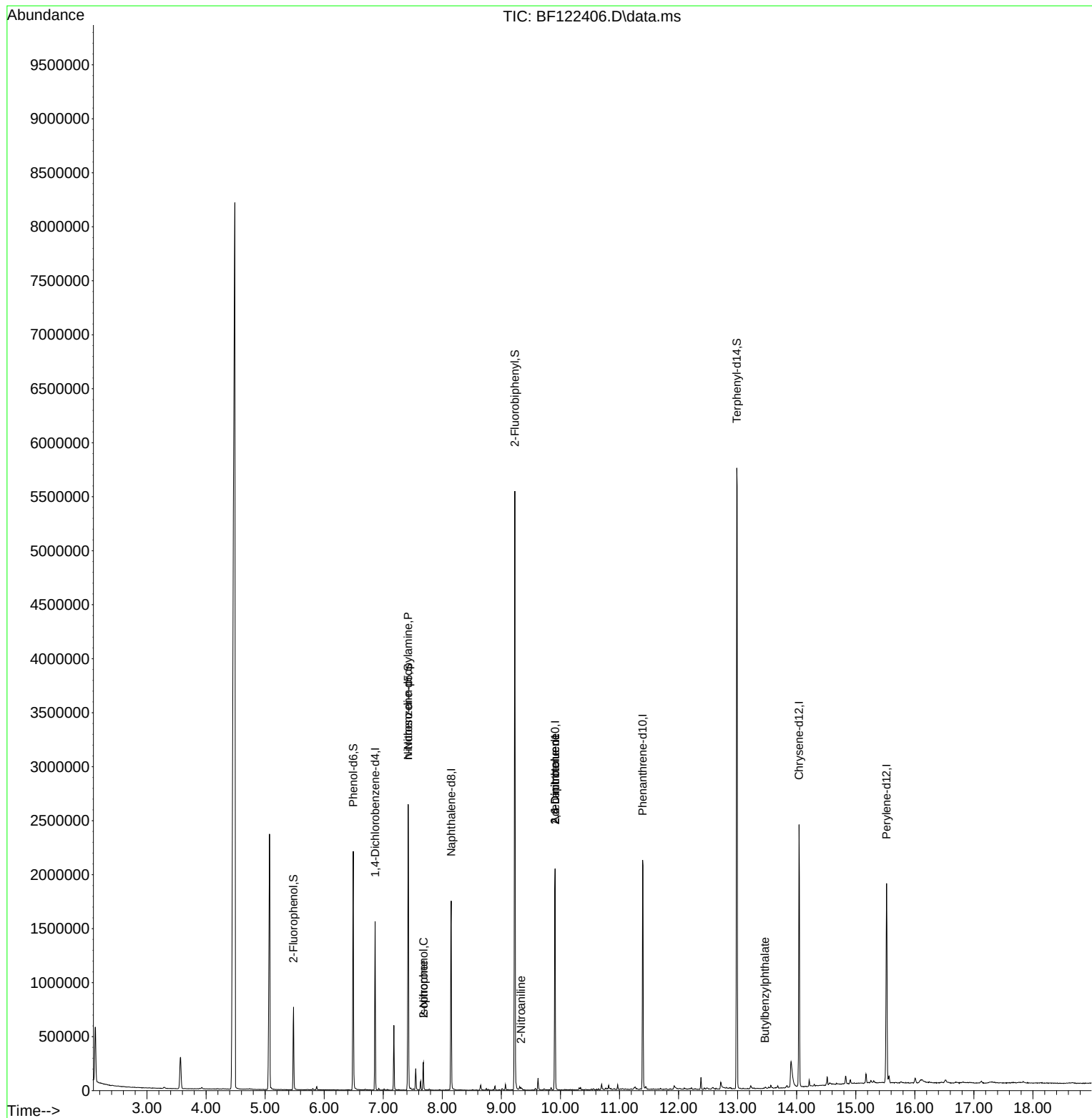
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	210179	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	805696	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	433725	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	832774	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	838910	20.00	ng	-0.01
86) Perylene-d12	15.521	264	864852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	205837	15.04	ng	-0.01
7) Phenol-d6	6.492	99	698196	38.99	ng	-0.02
23) Nitrobenzene-d5	7.422	82	856442	65.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	6411	1.38	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1662652	59.90	ng	0.00
79) Terphenyl-d14	12.986	244	2014307	50.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	125	Below Cal	#	52
19) n-Nitroso-di-n-propyla...	7.422	70	112766	10.54	ng	# 75
25) Isophorone	7.681	82	108523	3.70	ng	97
26) 2-Nitrophenol	7.681	139	1877	7.06	ng	# 59
48) 2-Nitroaniline	9.333	65	121	5.18	ng	# 6
51) 2,6-Dinitrotoluene	9.910	165	56136	11.35	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	56136	10.57	ng	# 20
80) Butylbenzylphthalate	13.463	149	316	3.30	ng	# 87

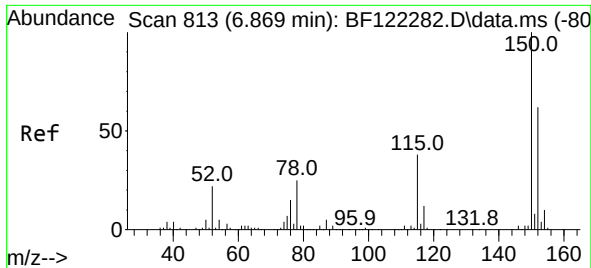
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122406.D
Acq On : 20 Nov 2020 16:40
Operator : JU/CG
Sample : L4809-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-CON-E

Quant Time: Nov 20 17:09:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

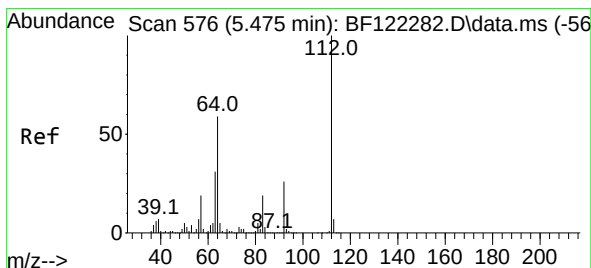
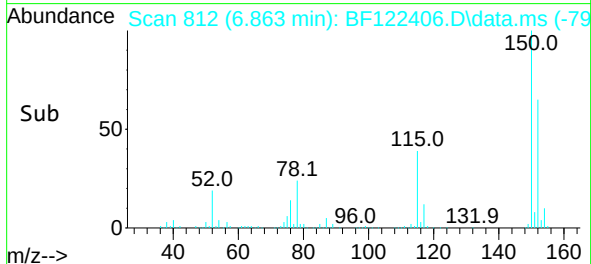
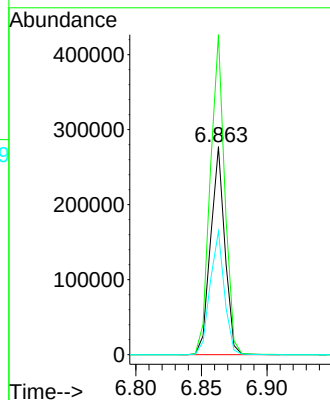
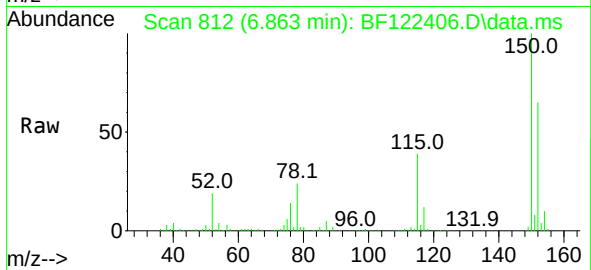




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

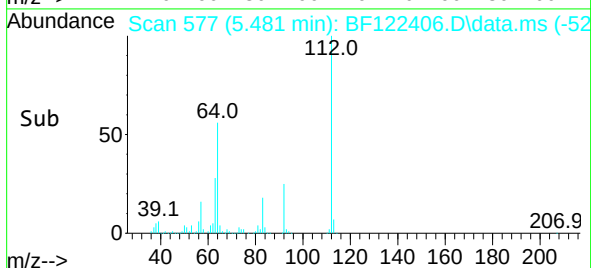
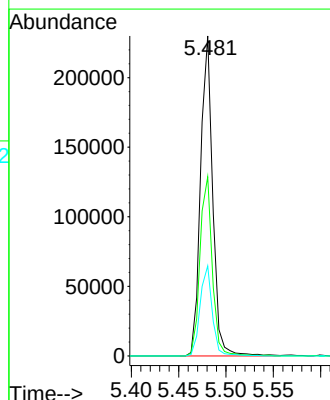
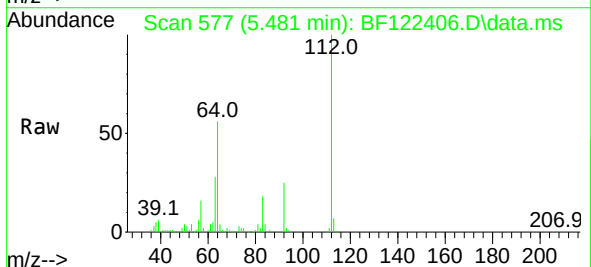
Instrument :
BNA_F
ClientSampleId :
MS-CON-E

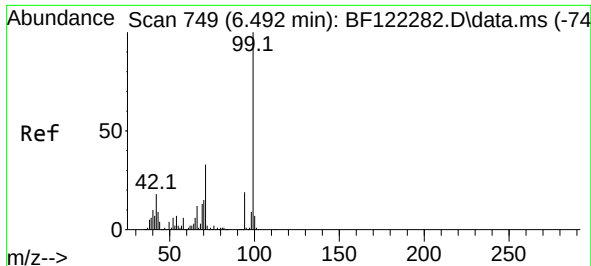
Tgt Ion:152 Resp: 210179
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 15.04 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion:112 Resp: 205837
Ion Ratio Lower Upper
112 100
64 56.0 50.4 75.6
63 28.2 25.8 38.6

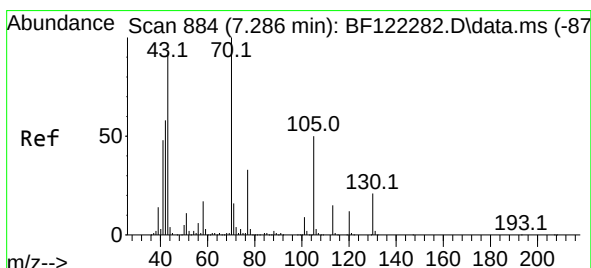
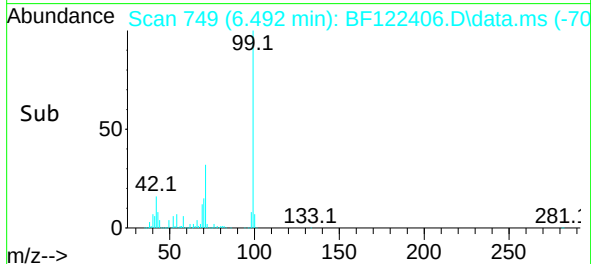
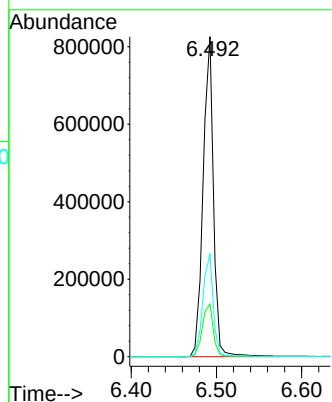
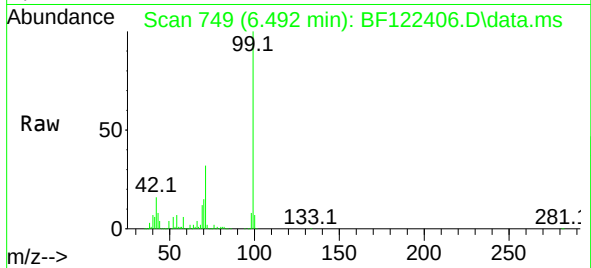




#7
Phenol-d6
Concen: 38.99 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

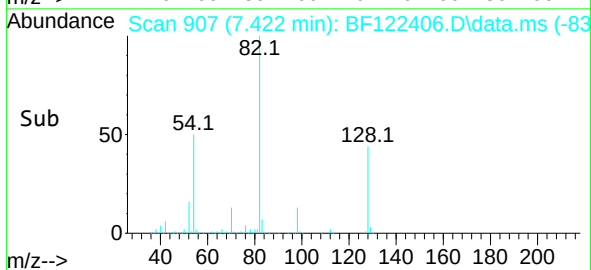
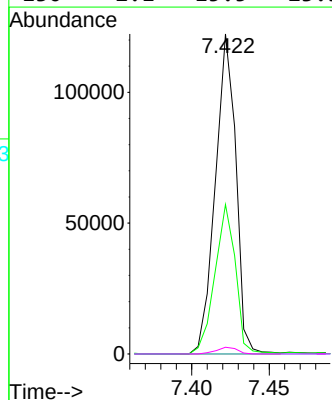
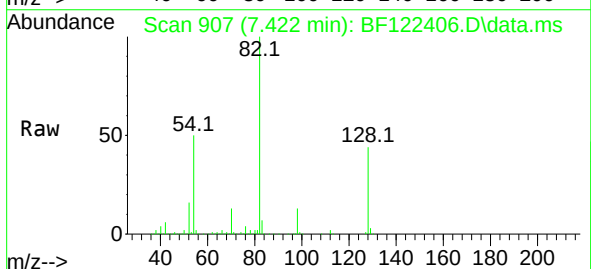
Instrument :
BNA_F
ClientSampled :
MS-CON-E

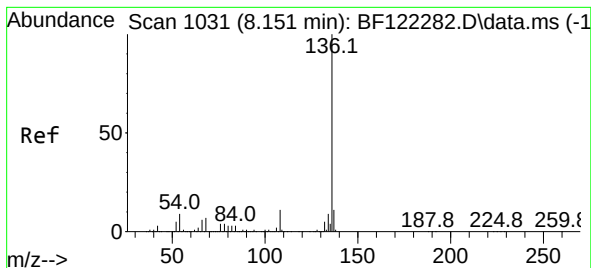
Tgt Ion: 99 Resp: 698196
Ion Ratio Lower Upper
99 100
42 16.4 15.9 23.9
71 32.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.54 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion: 70 Resp: 112766
Ion Ratio Lower Upper
70 100
42 46.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



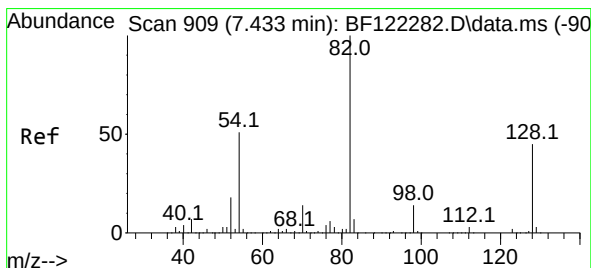
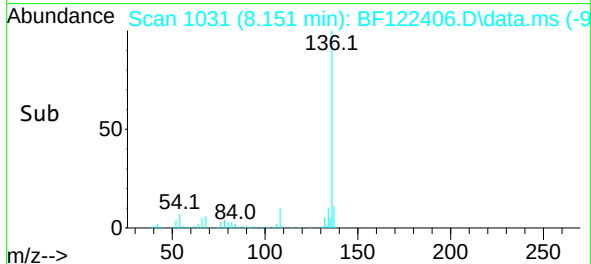
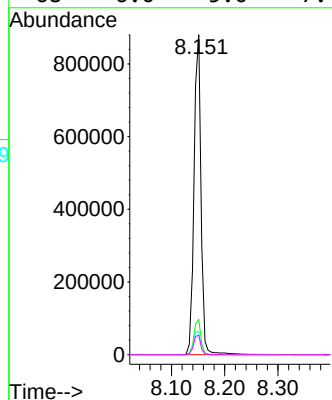
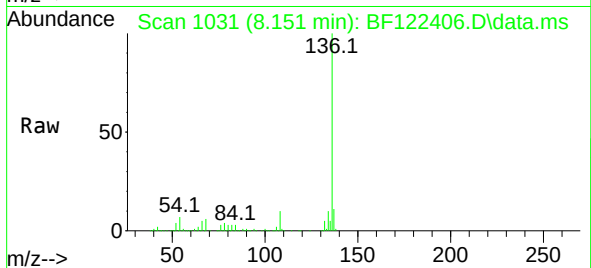


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Instrument :
BNA_F
ClientSampleId :
MS-CON-E

Tgt Ion:136 Resp: 805696

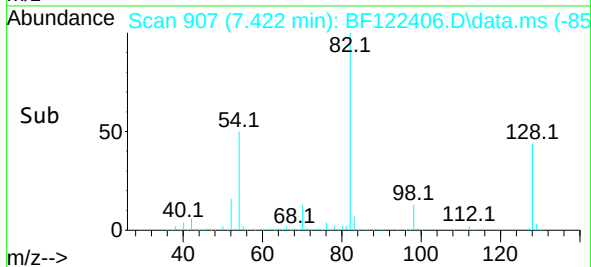
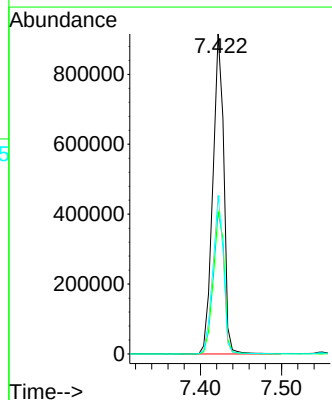
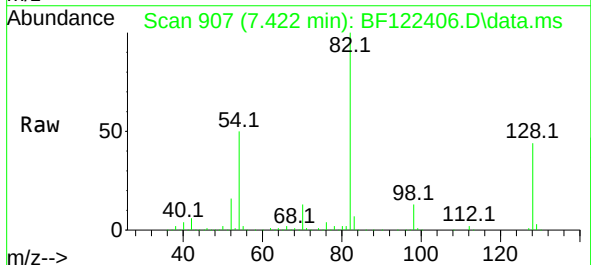
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	7.1	10.7
68	6.0	5.0	7.4

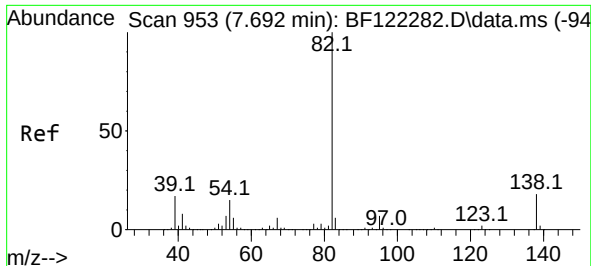


#23
Nitrobenzene-d5
Concen: 65.08 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion: 82 Resp: 856442

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.0	52.4
54	49.5	43.9	65.9

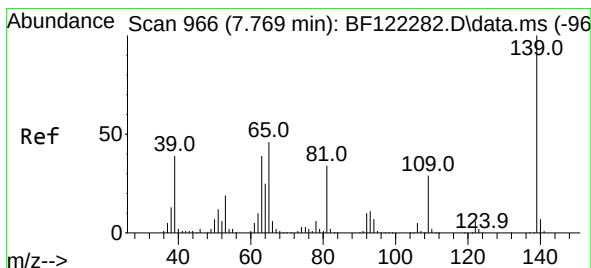
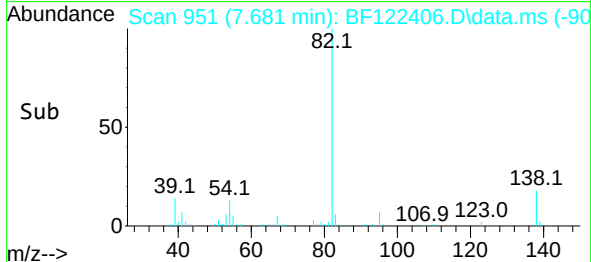
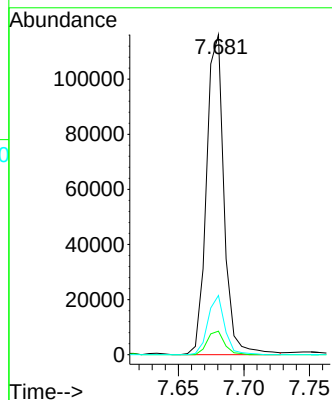
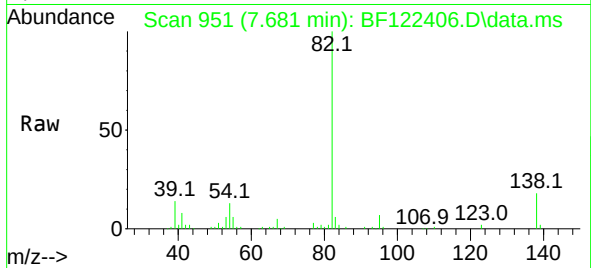




#25
Isophorone
Concen: 3.70 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

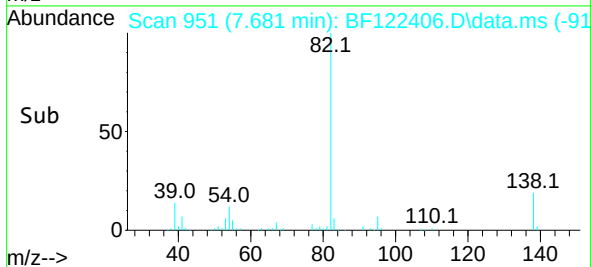
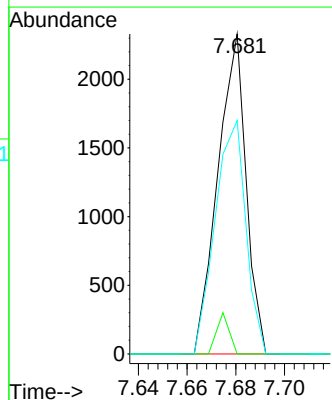
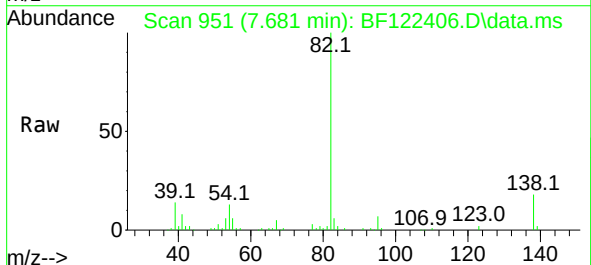
Instrument :
BNA_F
ClientSampleId :
MS-CON-E

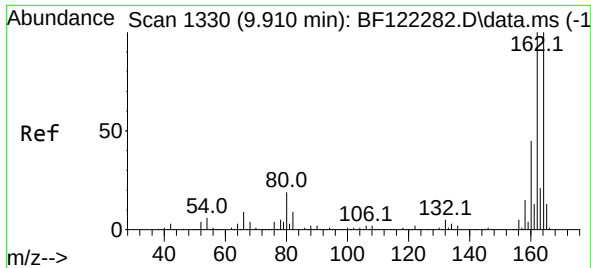
Tgt Ion: 82 Resp: 108523
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 18.5 13.4 20.0



#26
2-Nitrophenol
Concen: 7.06 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.088 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion:139 Resp: 1877
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 73.0 39.9 59.9#

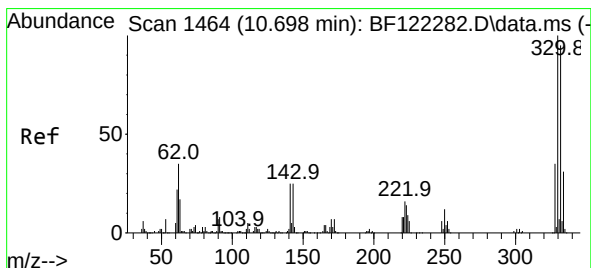
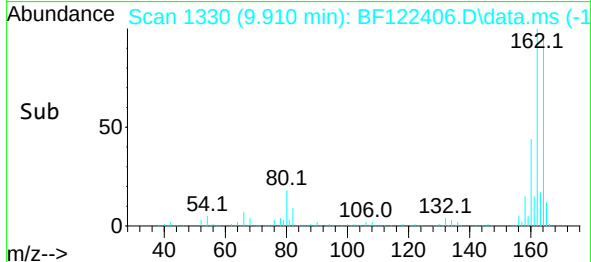
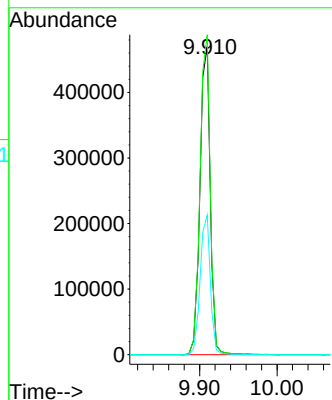
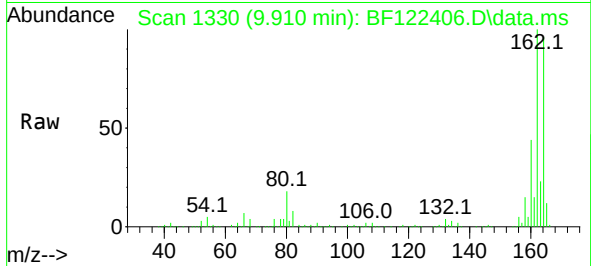




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

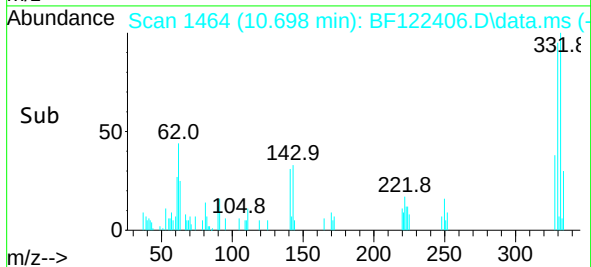
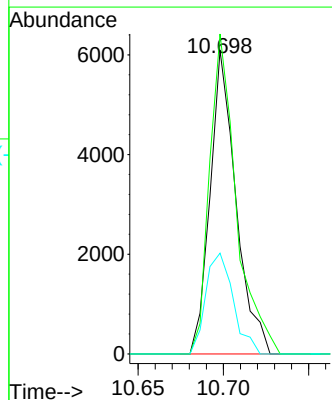
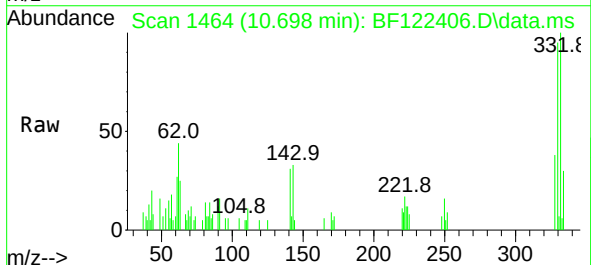
Instrument :
BNA_F
ClientSampleId :
MS-CON-E

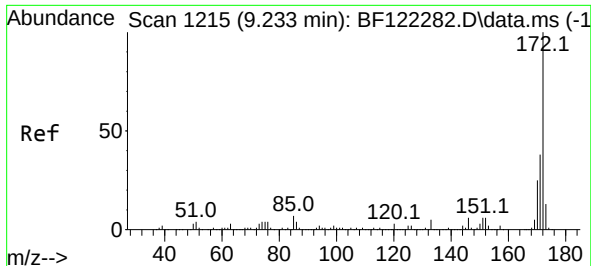
Tgt Ion:	164	Resp:	433725
Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	45.3	37.5	56.3



#42
2,4,6-Tribromophenol
Concen: 1.38 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion:	330	Resp:	6411
Ion	Ratio	Lower	Upper
330	100		
332	109.0	77.3	115.9
141	35.4	22.3	33.5#

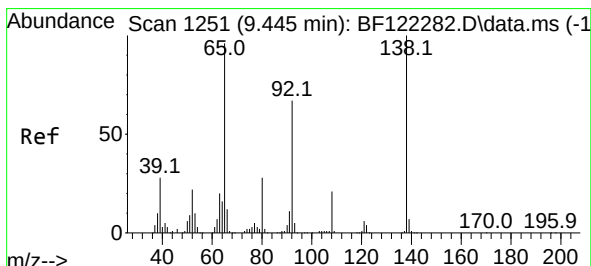
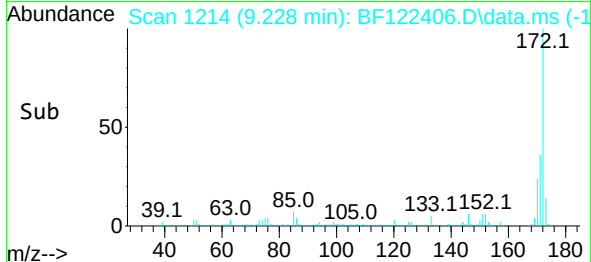
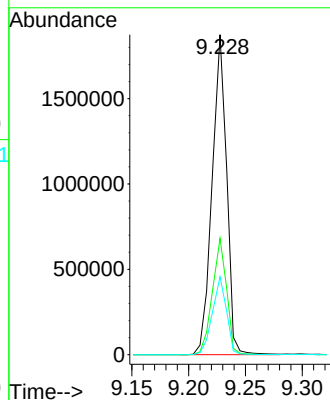
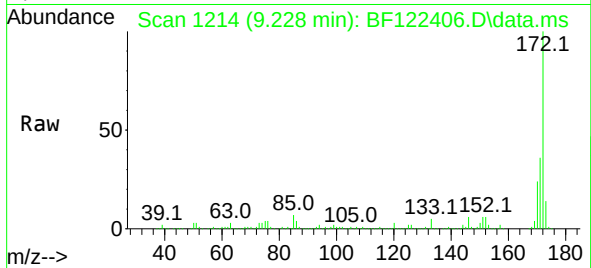




#45
2-Fluorobiphenyl
Concen: 59.90 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

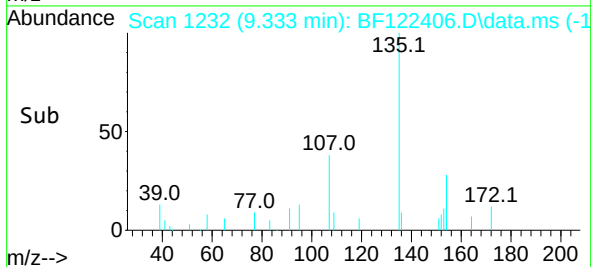
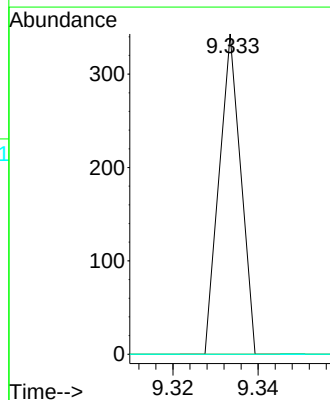
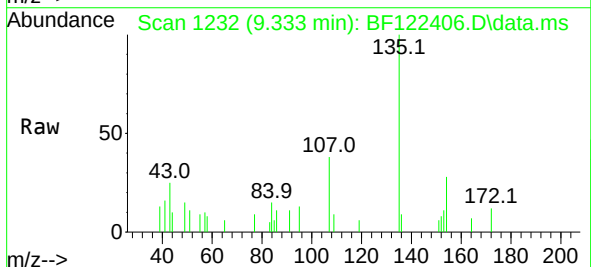
Instrument :
BNA_F
ClientSampleId :
MS-CON-E

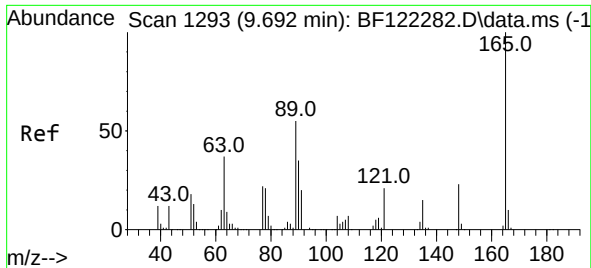
Tgt Ion:172 Resp: 1662652
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.3 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.124 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

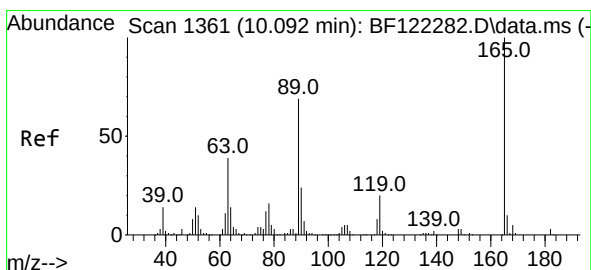
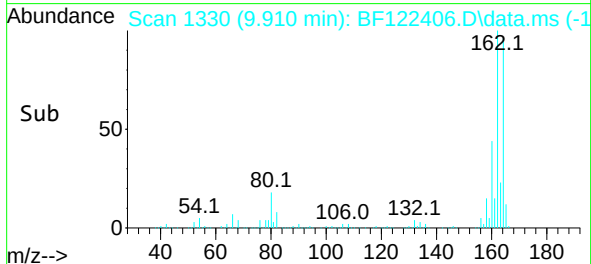
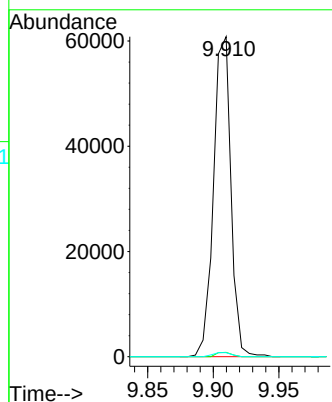
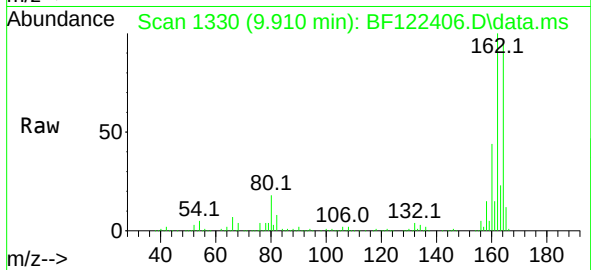




#51
2,6-Dinitrotoluene
Concen: 11.35 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

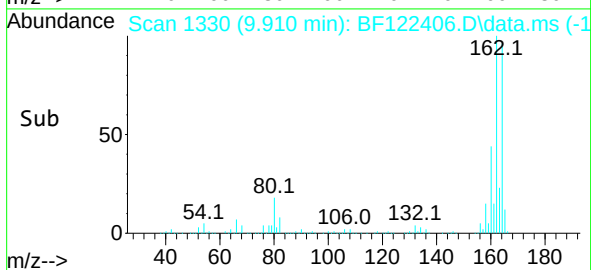
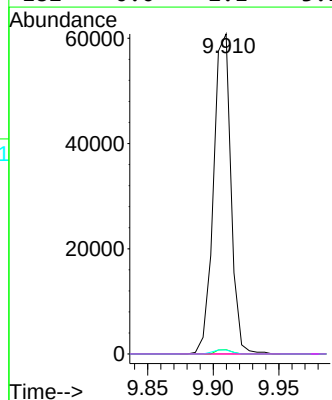
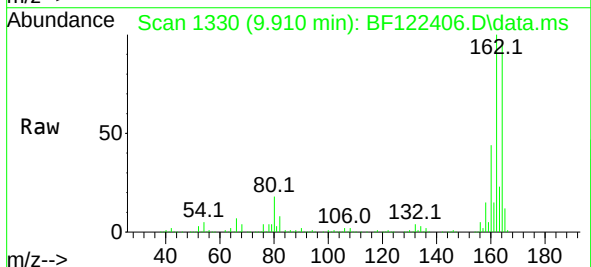
Instrument :
BNA_F
ClientSampleId :
MS-CON-E

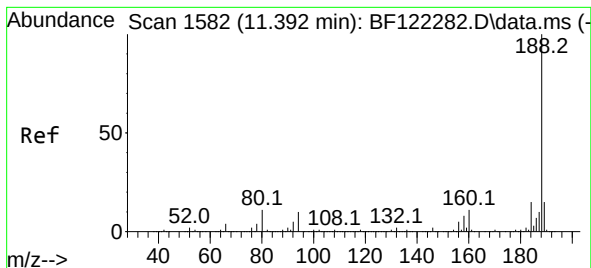
Tgt Ion:165 Resp: 56136
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.57 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122406.D
Acq: 20 Nov 2020 16:40

Tgt Ion:165 Resp: 56136
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF122406.D

Acq: 20 Nov 2020 16:40

Instrument :

BNA_F

ClientSampleId :

MS-CON-E

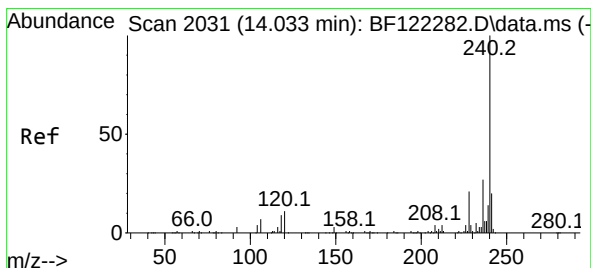
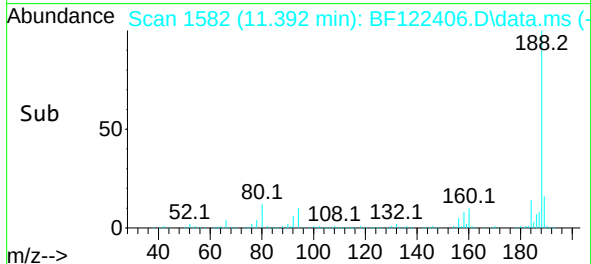
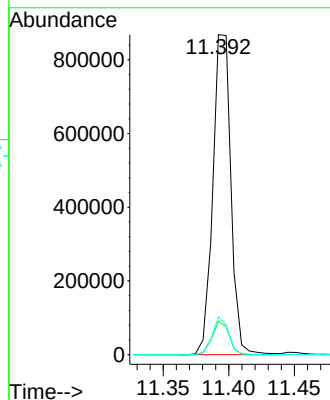
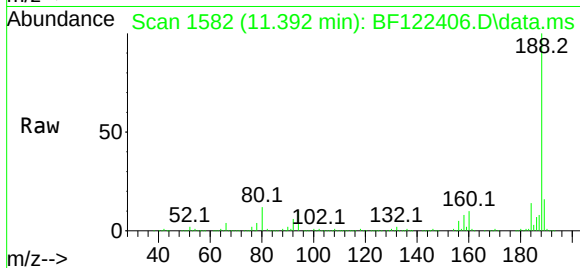
Tgt Ion:188 Resp: 832774

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.8 9.1 13.7



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF122406.D

Acq: 20 Nov 2020 16:40

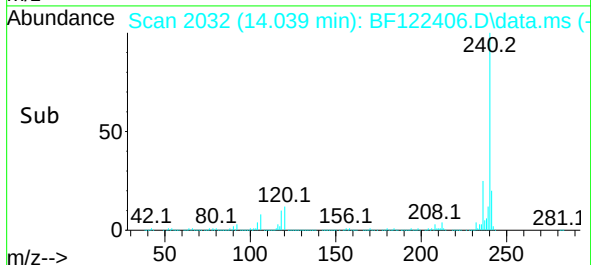
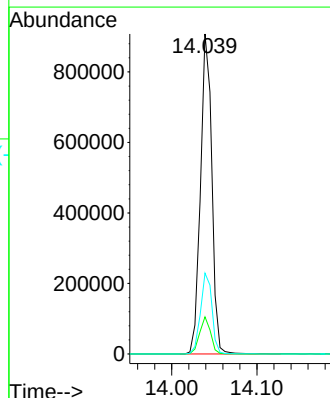
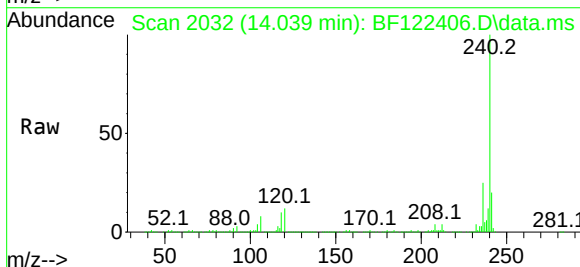
Tgt Ion:240 Resp: 838910

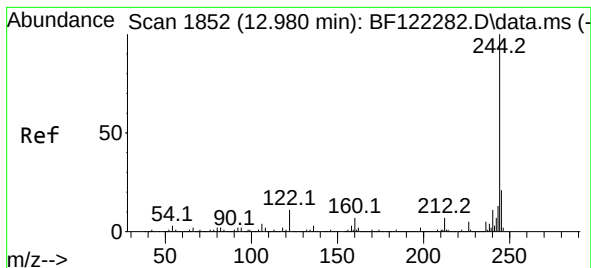
Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 50.87 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF122406.D

Acq: 20 Nov 2020 16:40

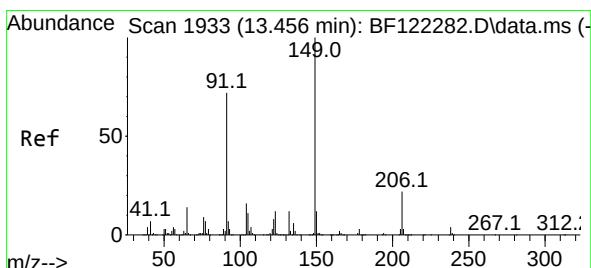
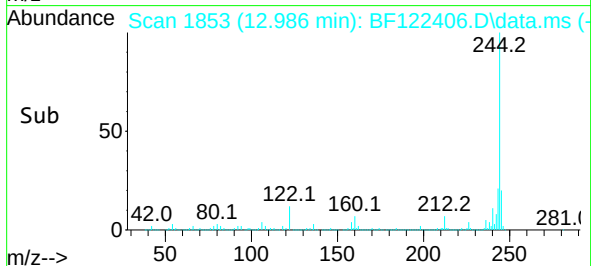
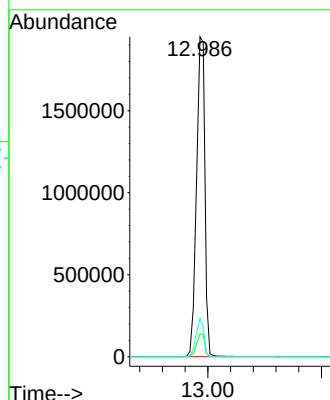
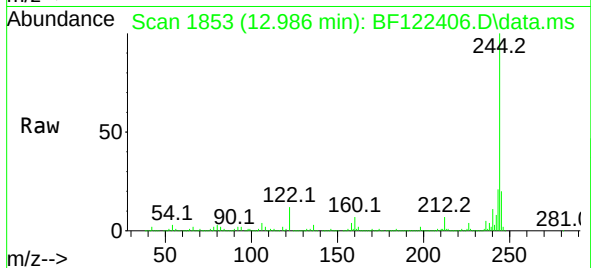
Tgt Ion:244 Resp: 2014307

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.9 8.1 12.1



#80

Butylbenzylphthalate

Concen: 3.30 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF122406.D

Acq: 20 Nov 2020 16:40

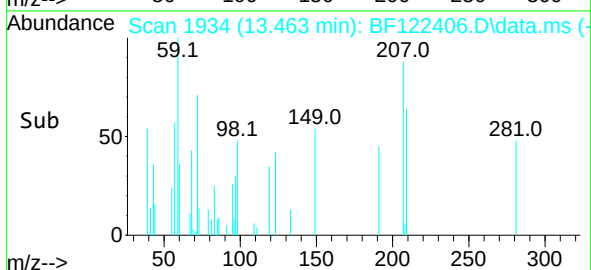
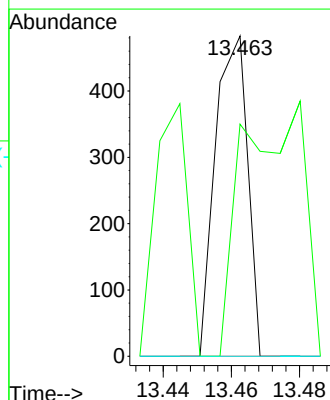
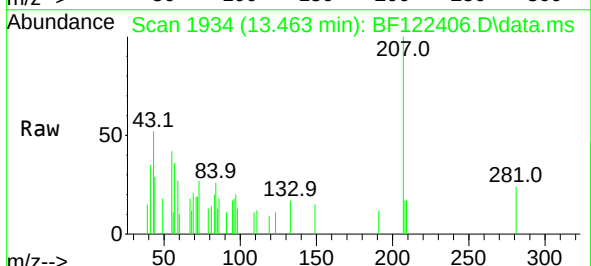
Tgt Ion:149 Resp: 316

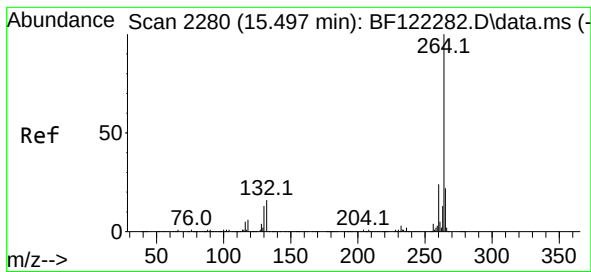
Ion Ratio Lower Upper

149 100

91 72.5 61.0 91.4

206 0.0 16.7 25.1#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.012 min

Lab File: BF122406.D

Acq: 20 Nov 2020 16:40

Tgt Ion:264 Resp: 864852

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.8 17.3 25.9

