

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123446.D
 Acq On : 24 Mar 2021 18:55
 Operator : JU/CG
 Sample : M1776-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110

Quant Time: Mar 25 00:40:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

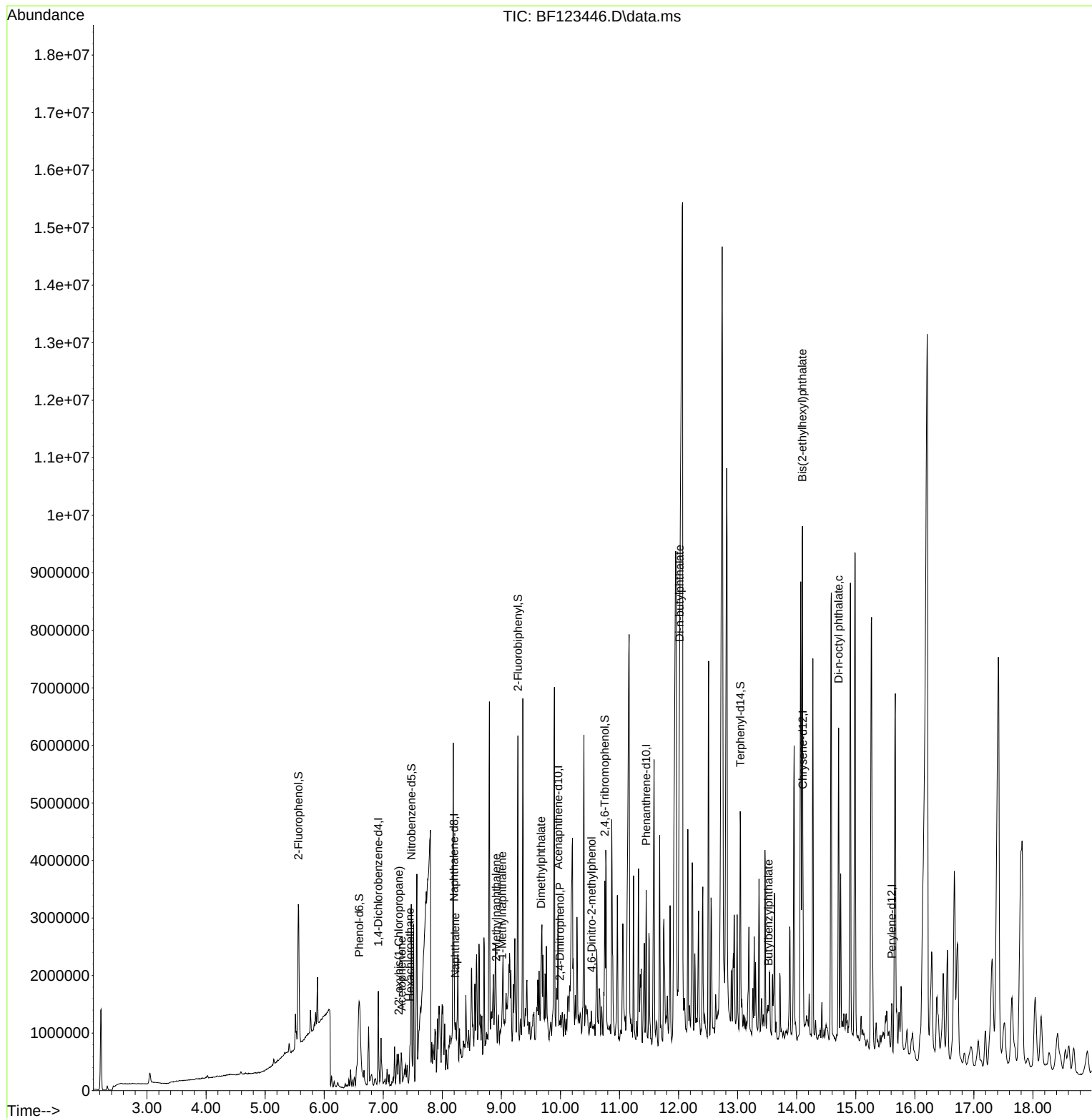
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	217563	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	726227	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	360095	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	501904	20.00	ng	0.00
76) Chrysene-d12	14.104	240	348344	20.00	ng	0.00
86) Perylene-d12	15.609	264	449448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	990978	74.52	ng	0.04
7) Phenol-d6	6.592	99	1538022	86.88	ng	0.05
23) Nitrobenzene-d5	7.475	82	950673	70.65	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	314869	78.21	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1587976	63.00	ng	0.00
79) Terphenyl-d14	13.045	244	1226183	59.66	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	6559	Below Cal	#	1
16) 2,2'-oxybis(1-Chloropr...	7.263	45	73285	2.25	ng	71
18) Hexachloroethane	7.451	117	28765	4.85	ng	# 1
22) Acetophenone	7.310	105	70654	3.88	ng	# 56
31) Naphthalene	8.222	128	108328	2.77	ng	# 91
37) 2-Methylnaphthalene	8.916	142	139704	5.22	ng	100
38) 1-Methylnaphthalene	9.016	142	76829	3.06	ng	98
50) Dimethylphthalate	9.675	163	57653	2.25	ng	# 91
54) 2,4-Dinitrophenol	9.992	184	109	8.68	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.527	198	390	5.25	ng	# 1
74) Di-n-butylphthalate	12.016	149	78104	2.60	ng	98
80) Butylbenzylphthalate	13.521	149	30551	2.74	ng	# 84
84) Bis(2-ethylhexyl)phtha...	14.098	149	2341252	159.57	ng	# 95
85) Di-n-octyl phthalate	14.709	149	55748	2.40	ng	# 1

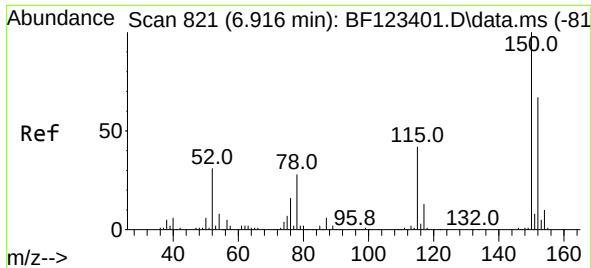
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110

Quant Time: Mar 25 00:40:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:51:15 2021
Response via : Initial Calibration

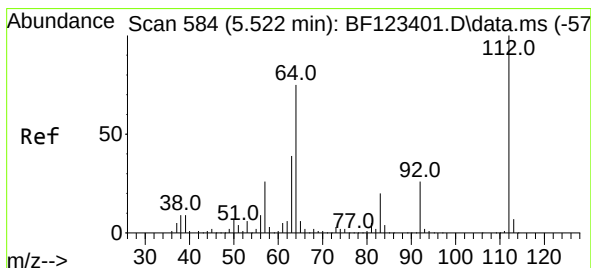
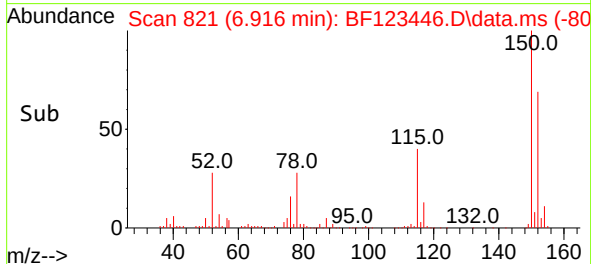
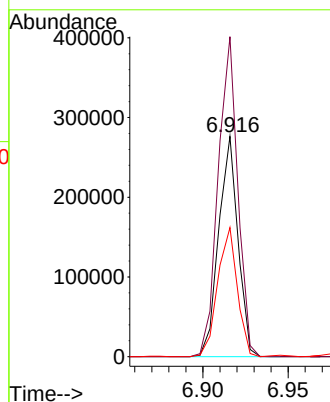
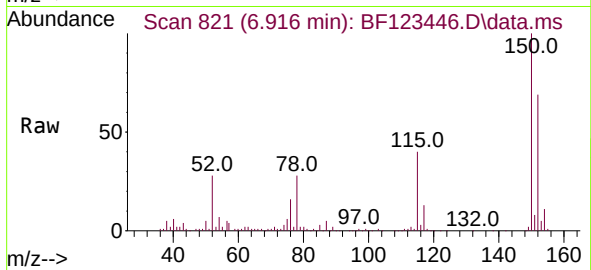




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

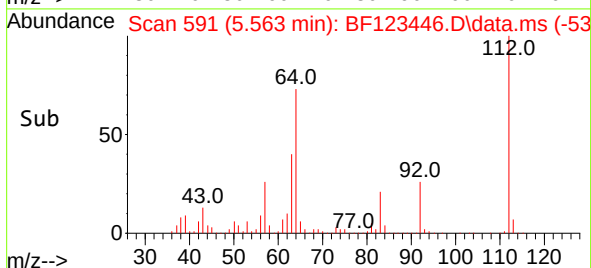
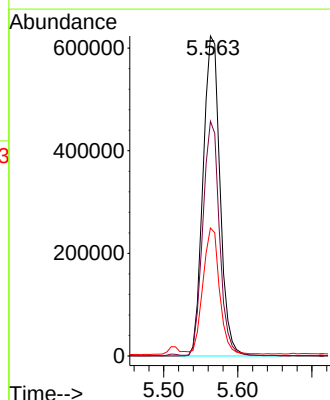
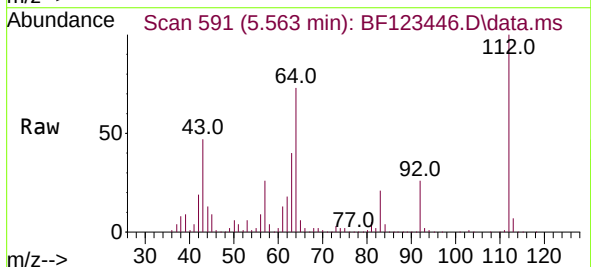
Instrument :
BNA_F
ClientSampleId :
110

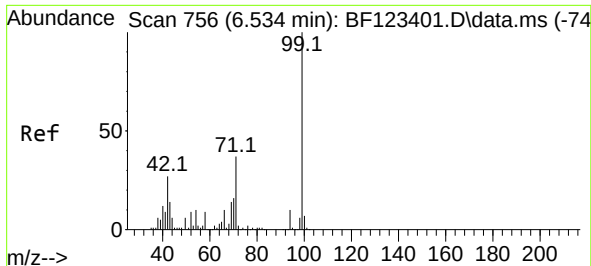
Tgt Ion:152 Resp: 217563
Ion Ratio Lower Upper
152 100
150 145.3 125.8 188.6
115 58.6 49.3 73.9



#5
2-Fluorophenol
Concen: 74.52 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.035 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:112 Resp: 990978
Ion Ratio Lower Upper
112 100
64 73.4 46.9 70.3#
63 40.0 24.5 36.7#

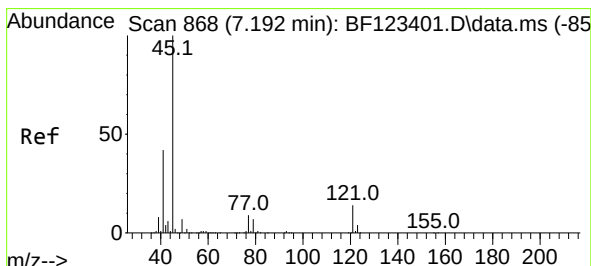
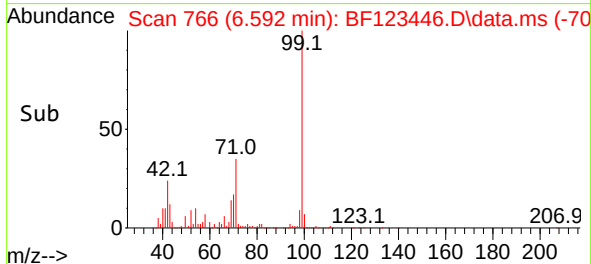
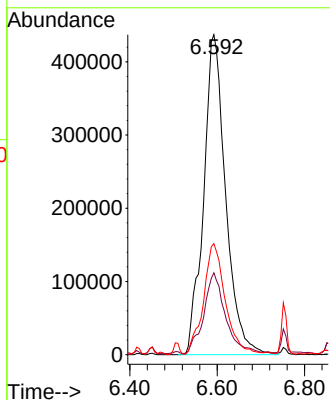
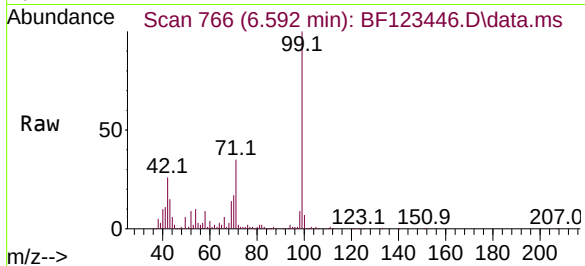




#7
Phenol-d6
Concen: 86.88 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.053 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

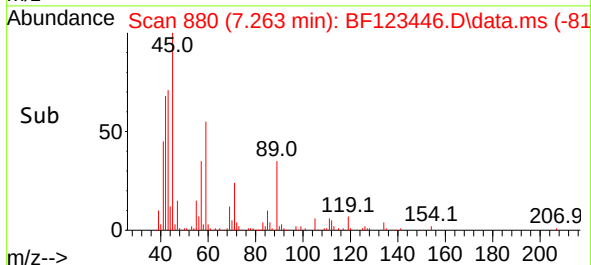
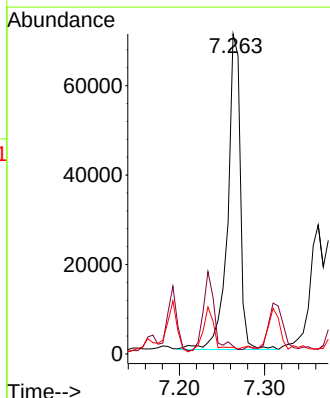
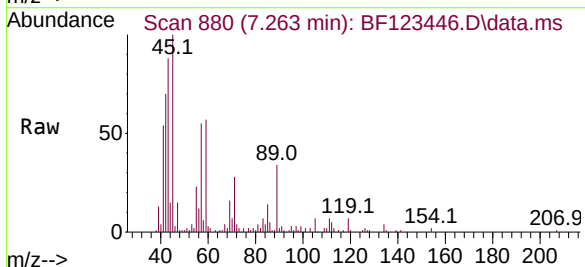
Instrument :
BNA_F
ClientSampled :
110

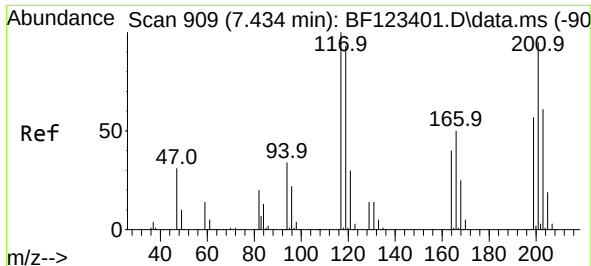
Tgt Ion: 99 Resp: 1538022
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 34.7 26.9 40.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.25 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.070 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion: 45 Resp: 73285
Ion Ratio Lower Upper
45 100
77 2.4 0.0 35.6
79 2.1 0.0 32.4

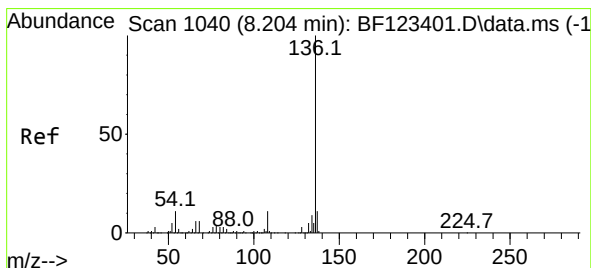
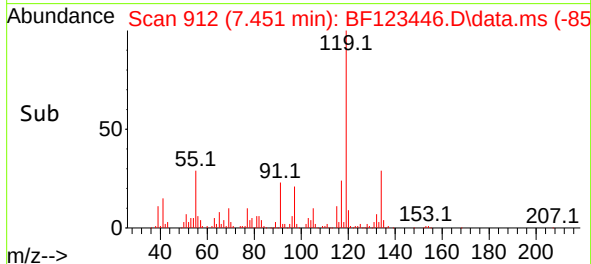
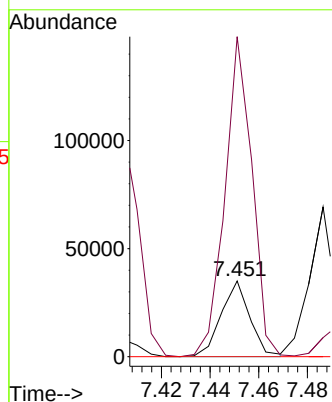
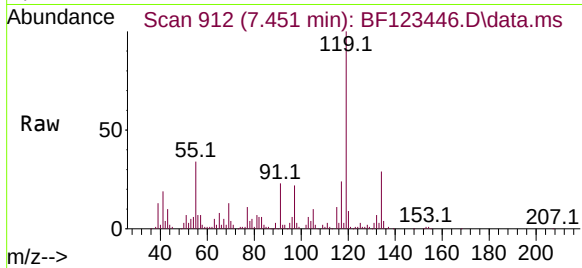




#18
Hexachloroethane
Concen: 4.85 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.017 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

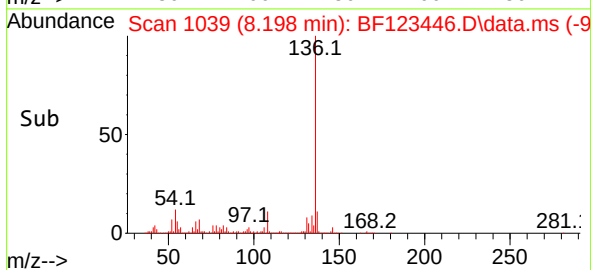
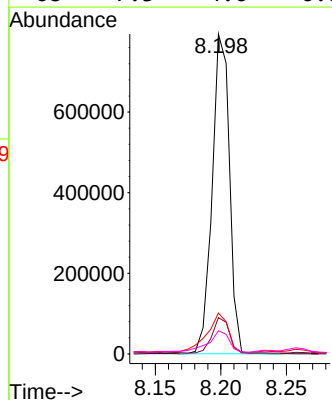
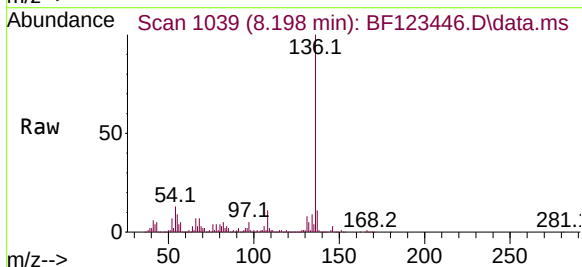
Instrument :
BNA_F
ClientSampled :
110

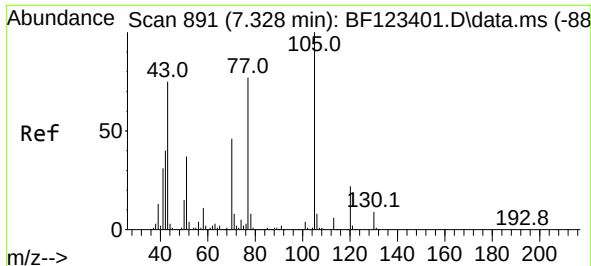
Tgt Ion:117 Resp: 28765
Ion Ratio Lower Upper
117 100
119 422.4 78.4 117.6#
201 0.0 79.6 119.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:136 Resp: 726227
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.8 5.5 8.3#
68 7.3 4.6 6.8#

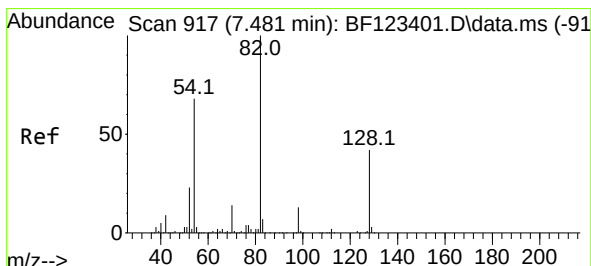
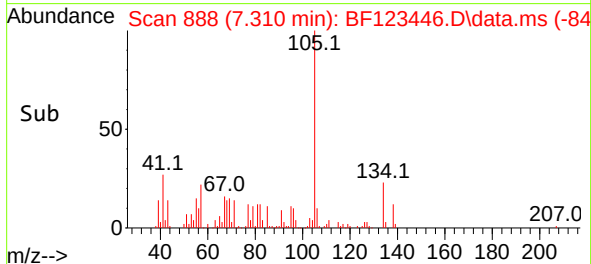
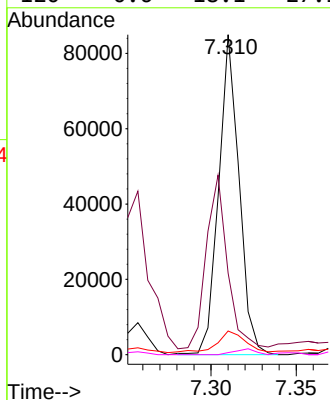
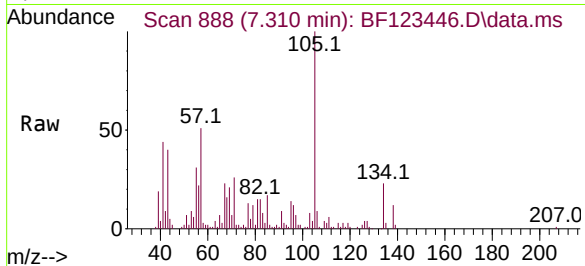




#22
Acetophenone
Concen: 3.88 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

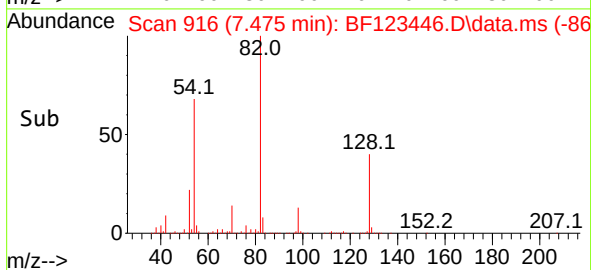
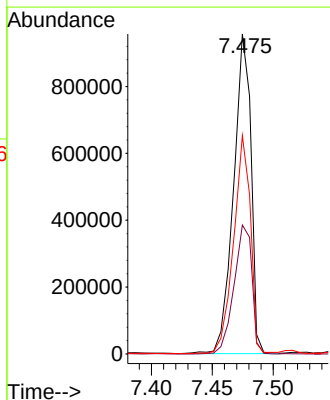
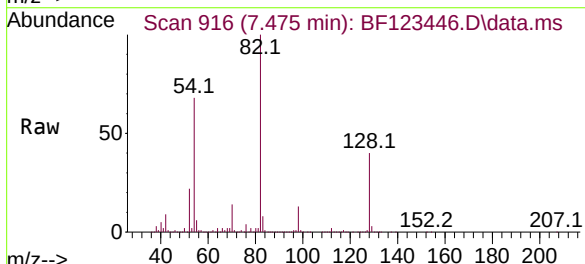
Instrument :
BNA_F
ClientSampled :
110

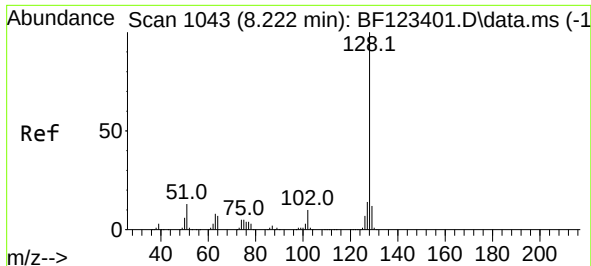
Tgt Ion:105 Resp: 70654
Ion Ratio Lower Upper
105 100
71 25.5 6.5 9.7#
51 7.4 24.3 36.5#
120 0.6 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 70.65 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion: 82 Resp: 950673
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.4
54 68.3 38.4 57.6#

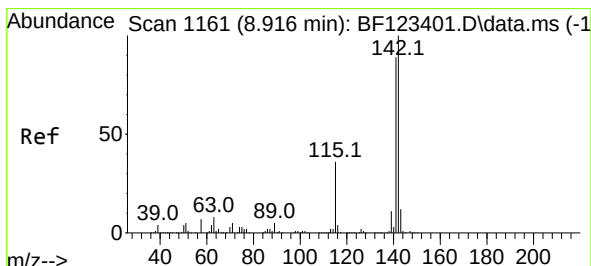
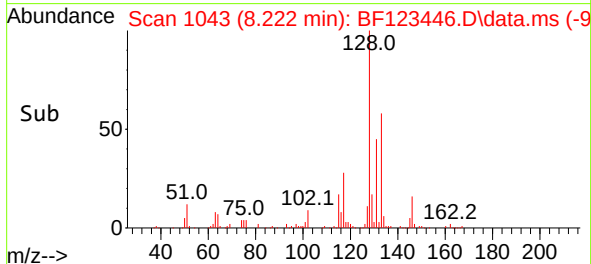
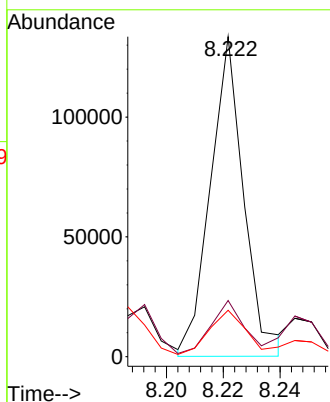
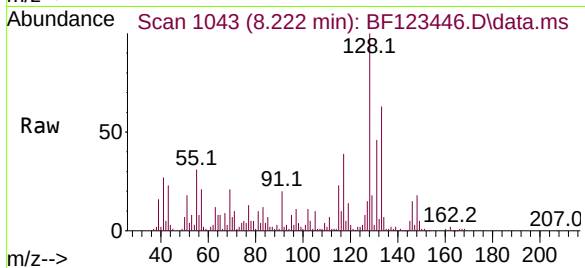




#31
Naphthalene
Concen: 2.77 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

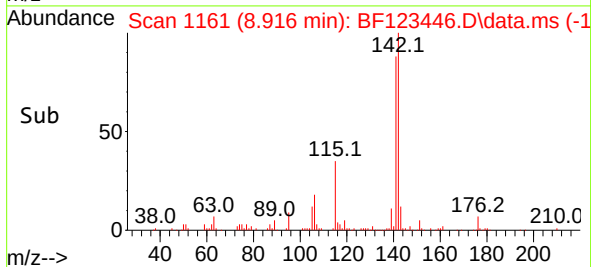
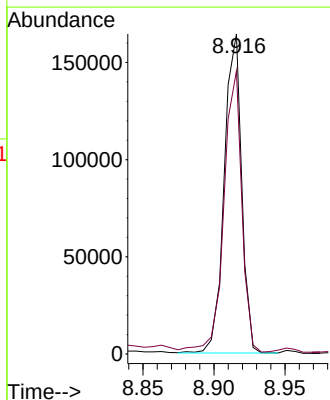
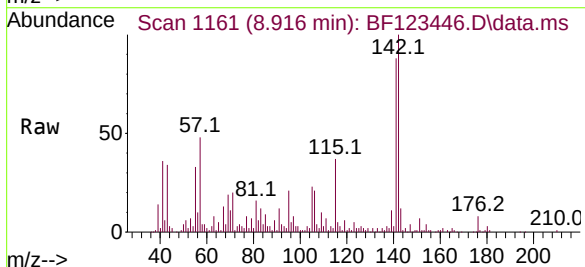
Instrument :
BNA_F
ClientSampled :
110

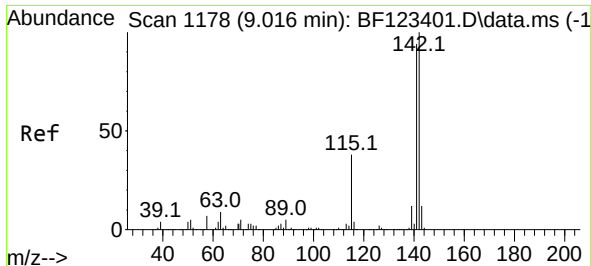
Tgt Ion:128 Resp: 108328
Ion Ratio Lower Upper
128 100
129 17.5 9.0 13.6#
127 14.5 10.7 16.1



#37
2-Methylnaphthalene
Concen: 5.22 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:142 Resp: 139704
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0

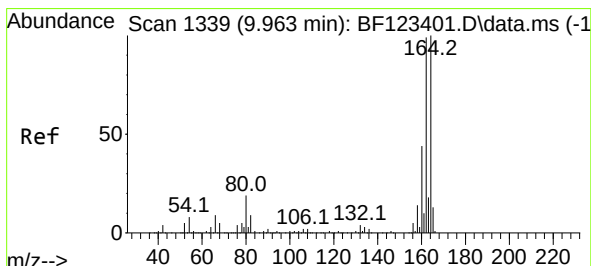
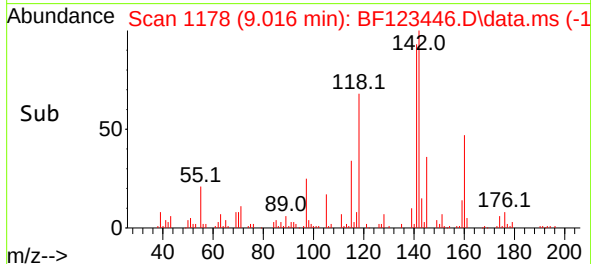
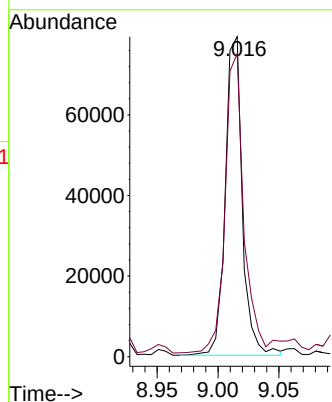
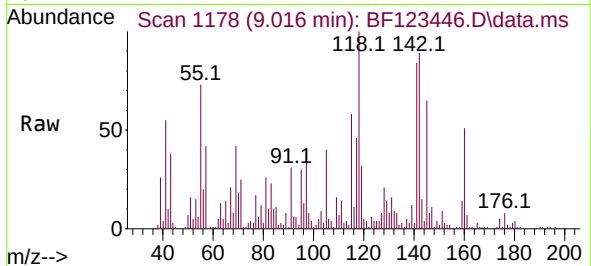




#38
1-Methylnaphthalene
Concen: 3.06 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

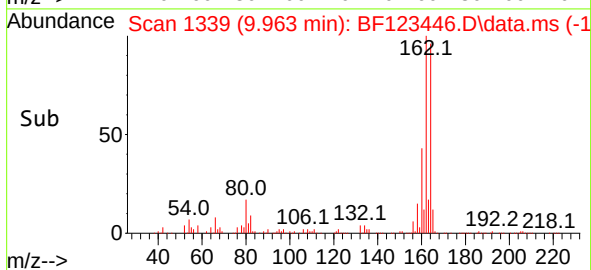
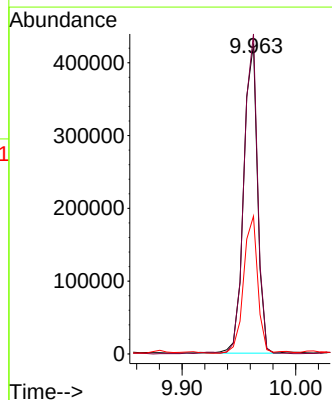
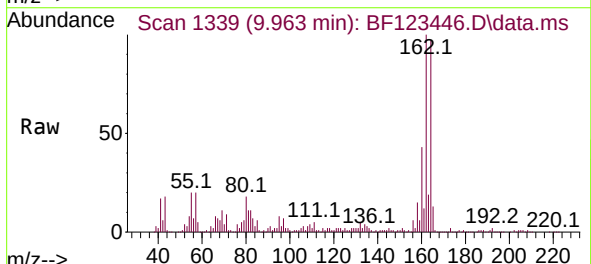
Instrument :
BNA_F
ClientSampled :
110

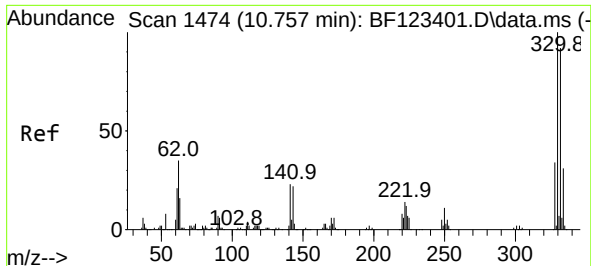
Tgt Ion:142 Resp: 76829
Ion Ratio Lower Upper
142 100
141 94.8 74.5 111.7



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:164 Resp: 360095
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 44.4 35.4 53.0

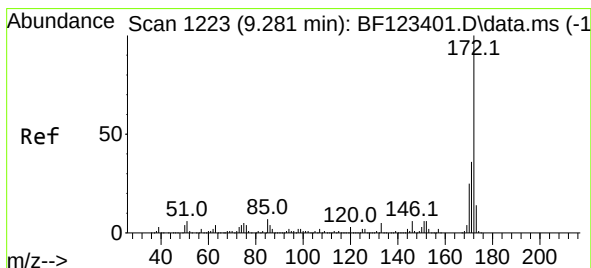
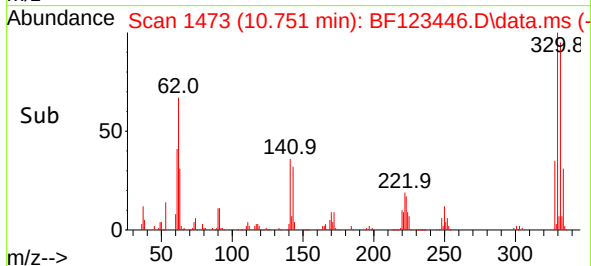
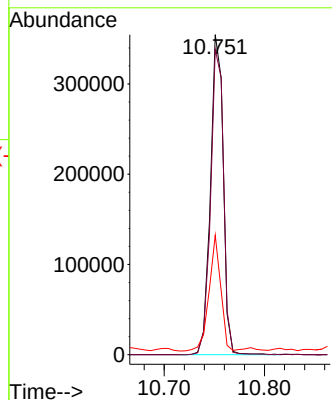
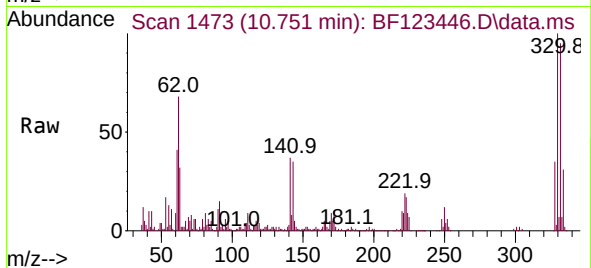




#42
2,4,6-Tribromophenol
Concen: 78.21 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

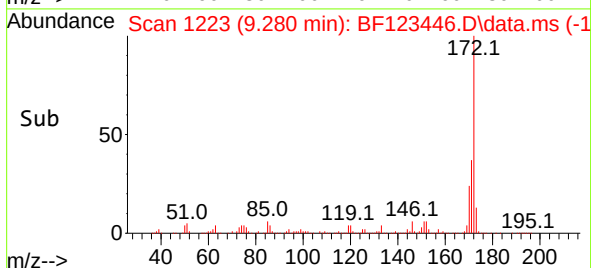
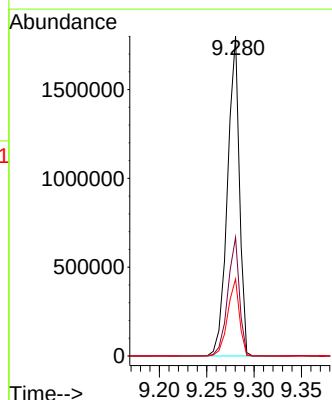
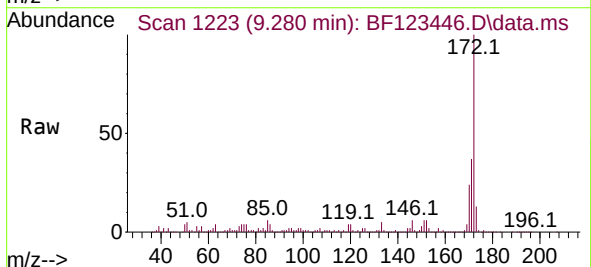
Instrument :
BNA_F
ClientSampleId :
110

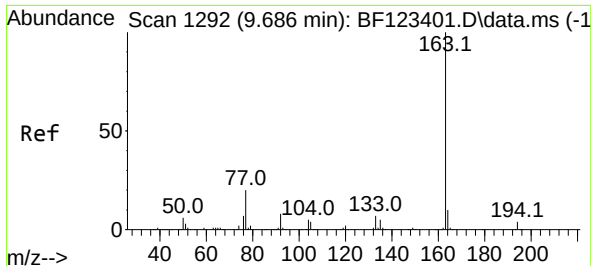
Tgt Ion:330 Resp: 314869
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 33.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 63.00 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:172 Resp: 1587976
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.1 19.5 29.3

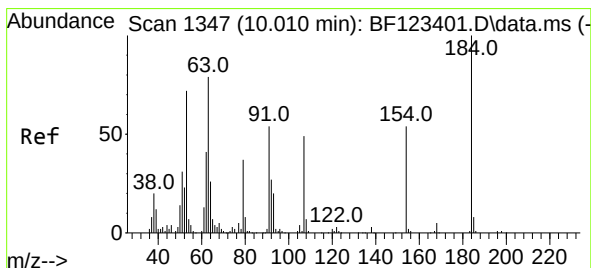
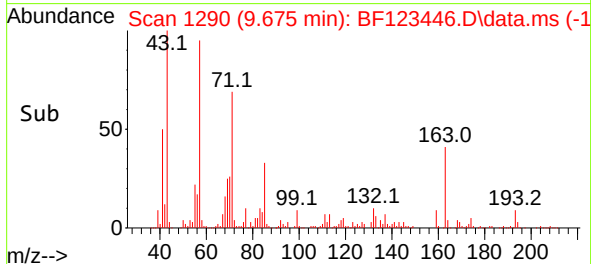
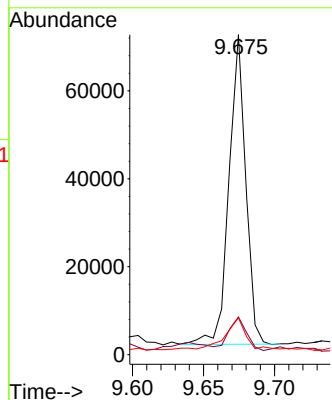
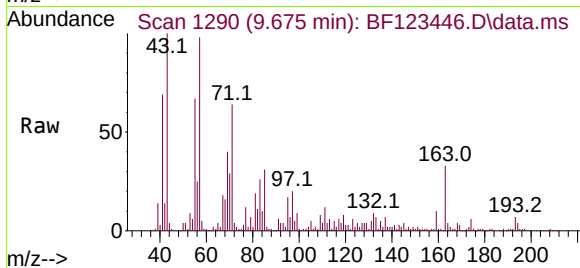




#50
Dimethylphthalate
Concen: 2.25 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

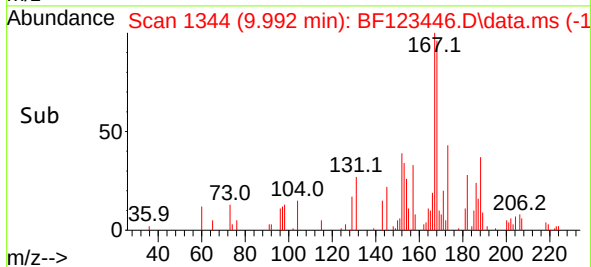
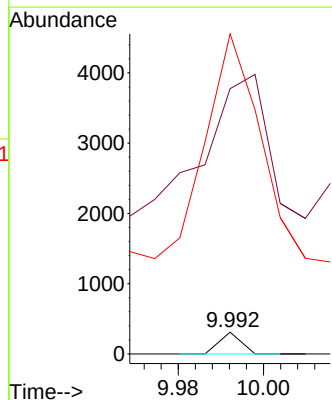
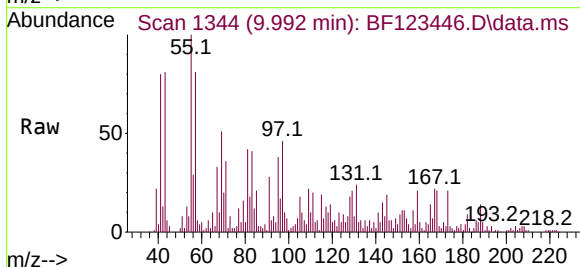
Instrument :
BNA_F
ClientSampled :
110

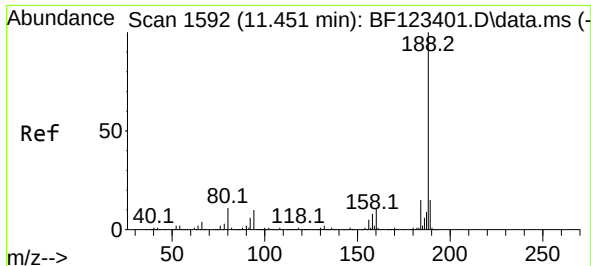
Tgt Ion:163 Resp: 57653
Ion Ratio Lower Upper
163 100
194 11.8 3.4 5.0#
164 11.5 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 8.68 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 1218.1 51.4 77.2#
154 1469.0 49.7 74.5#

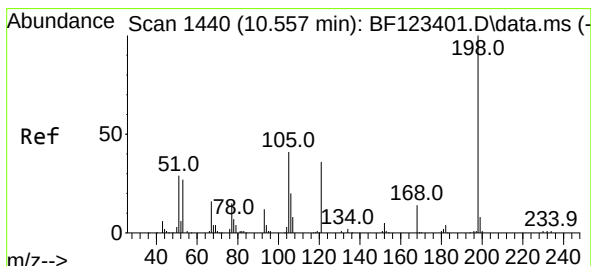
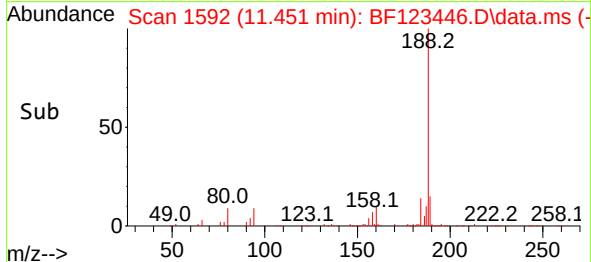
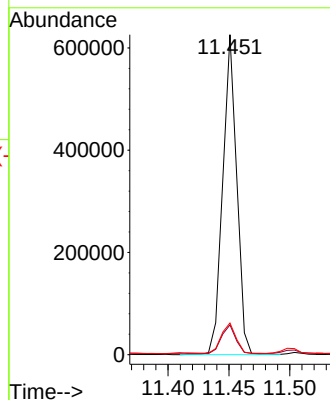
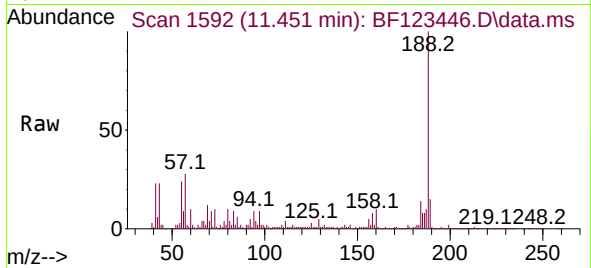




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

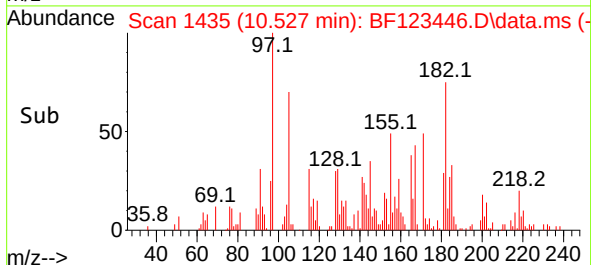
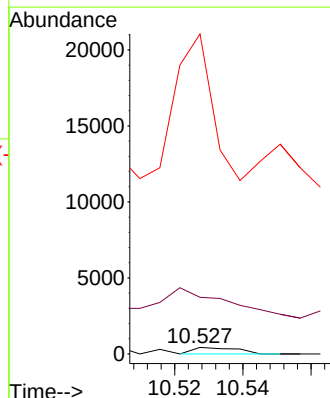
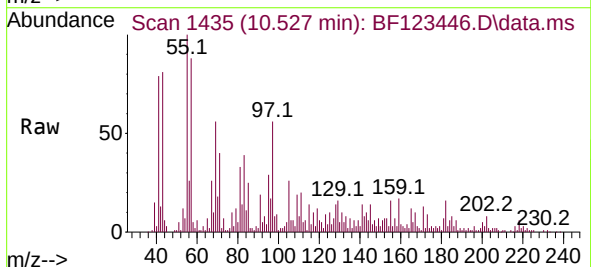
Instrument :
BNA_F
ClientSampled :
110

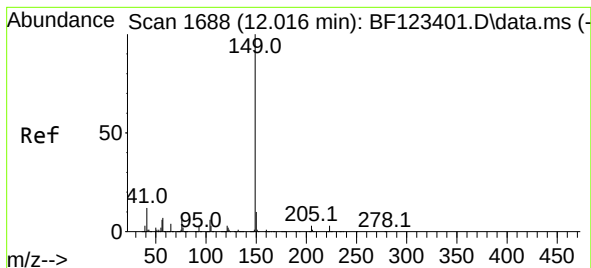
Tgt Ion:188 Resp: 501904
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.030 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 865.3 20.3 60.3#
105 4894.9 23.0 63.0#

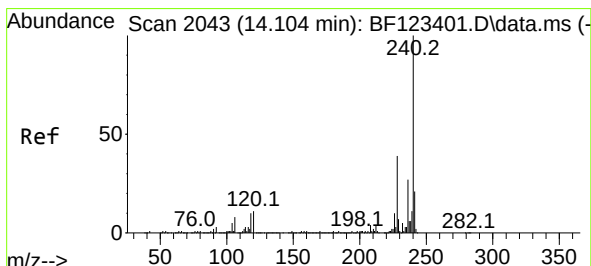
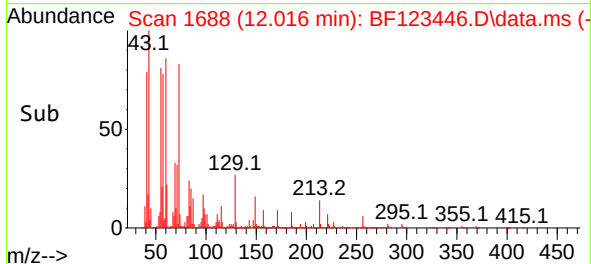
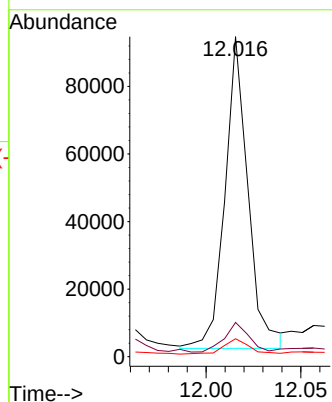
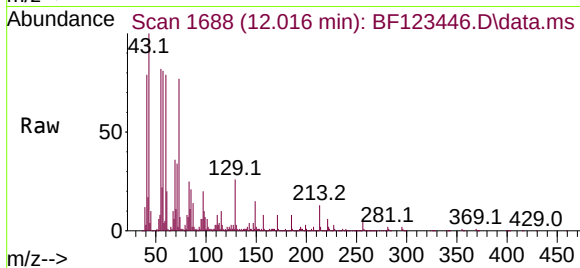




#74
Di-n-butylphthalate
Concen: 2.60 ng
RT: 12.016 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

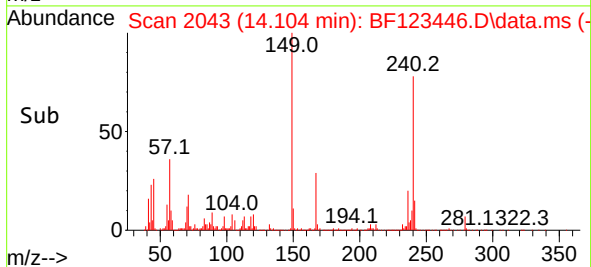
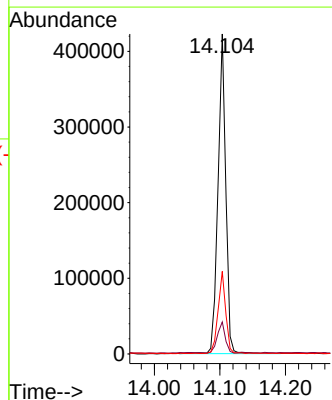
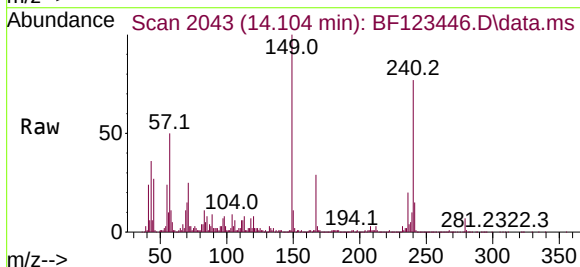
Instrument :
BNA_F
ClientSampled :
110

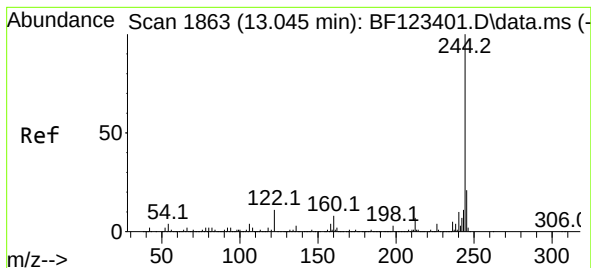
Tgt Ion:149 Resp: 78104
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.6 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

Tgt Ion:240 Resp: 348344
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 59.66 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BF123446.D

Acq: 24 Mar 2021 18:55

Instrument :

BNA_F

ClientSampled :

110

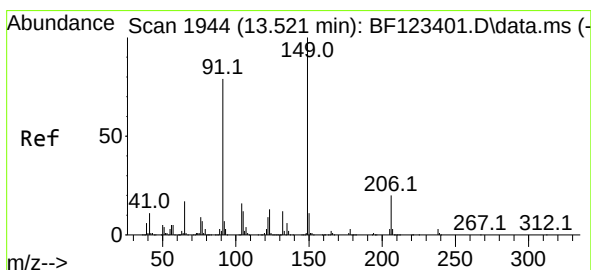
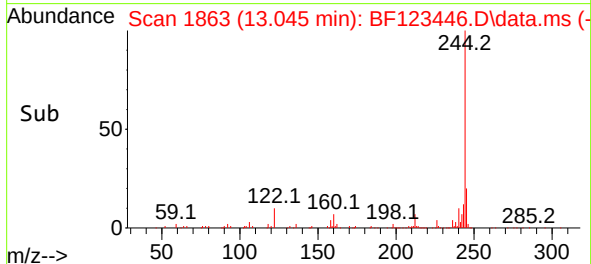
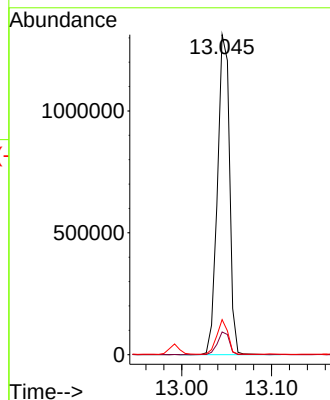
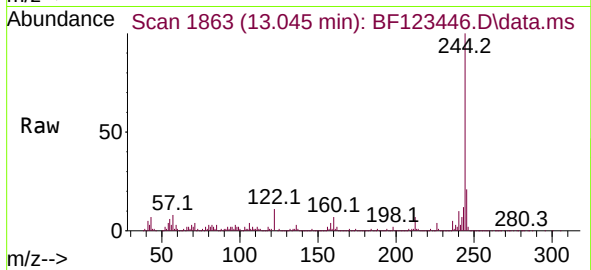
Tgt Ion:244 Resp: 1226183

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 2.74 ng

RT: 13.521 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BF123446.D

Acq: 24 Mar 2021 18:55

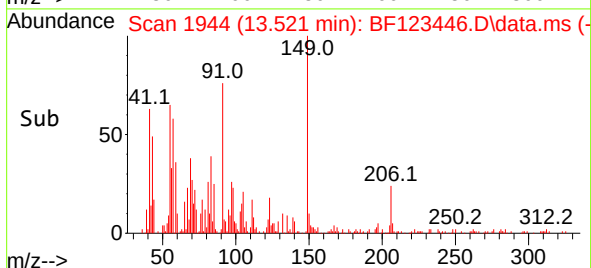
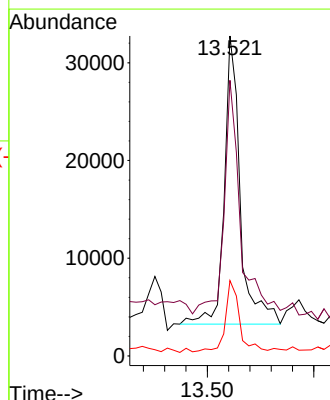
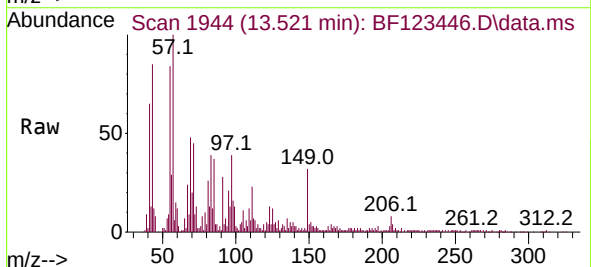
Tgt Ion:149 Resp: 30551

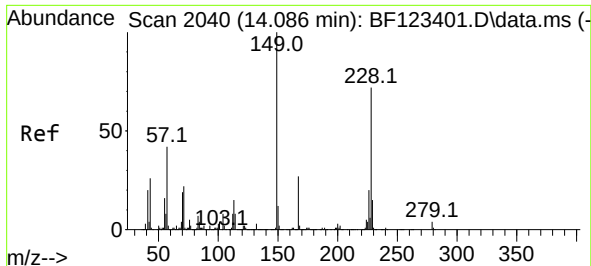
Ion Ratio Lower Upper

149 100

91 86.2 56.5 84.7#

206 23.6 17.0 25.6

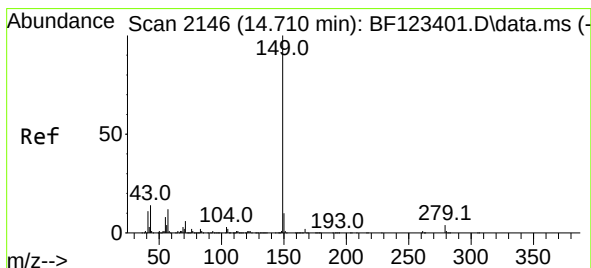
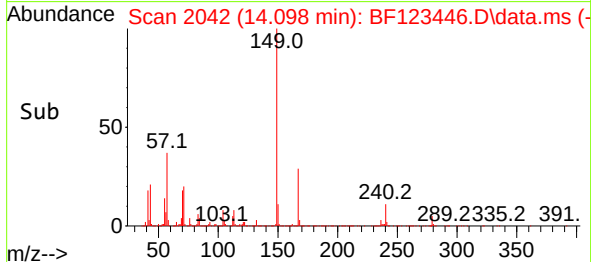
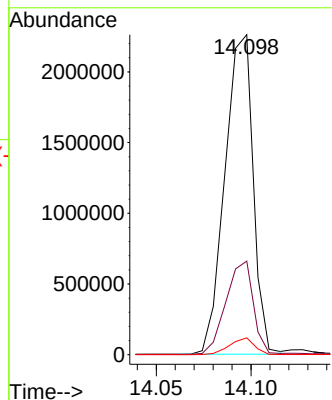
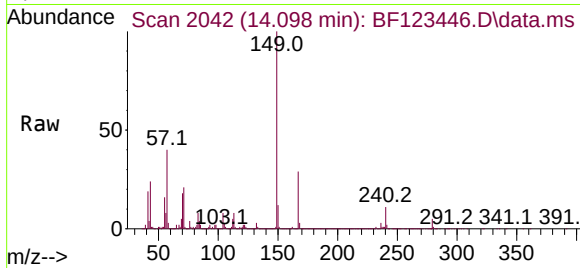




#84
Bis(2-ethylhexyl)phthalate
Concen: 159.57 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

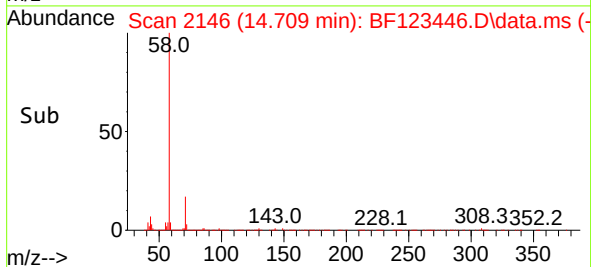
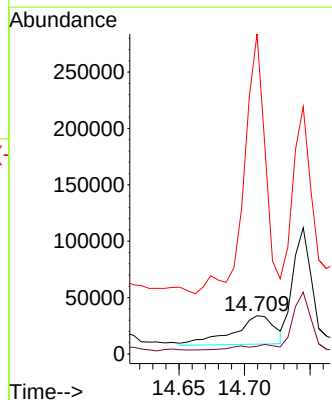
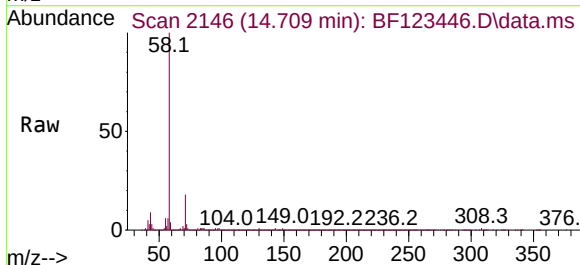
Instrument :
BNA_F
ClientSampled :
110

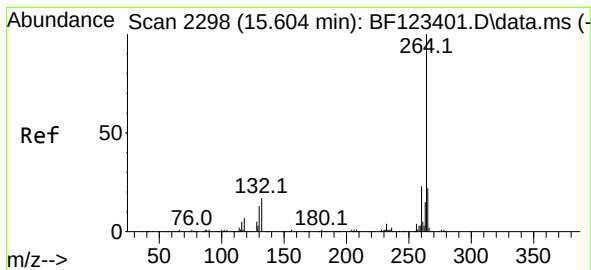
Tgt Ion:149 Resp: 2341252
Ion Ratio Lower Upper
149 100
167 29.2 21.4 32.2
279 5.3 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 2.40 ng
RT: 14.709 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BF123446.D
Acq: 24 Mar 2021 18:55

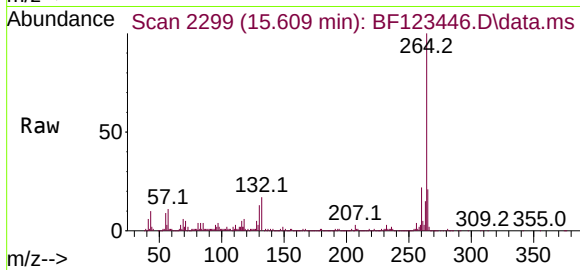
Tgt Ion:149 Resp: 55748
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 457.1 7.6 11.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.609 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: BF123446.D
 Acq: 24 Mar 2021 18:55

Instrument :
 BNA_F
 ClientSampleId :
 110



Tgt Ion:264 Resp: 449448
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 28.0
 265 20.8 17.0 25.6

