

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122437.D
 Acq On : 21 Nov 2020 23:58
 Operator : JU/CG
 Sample : L4808-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11931RE

Quant Time: Nov 23 01:02:29 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)

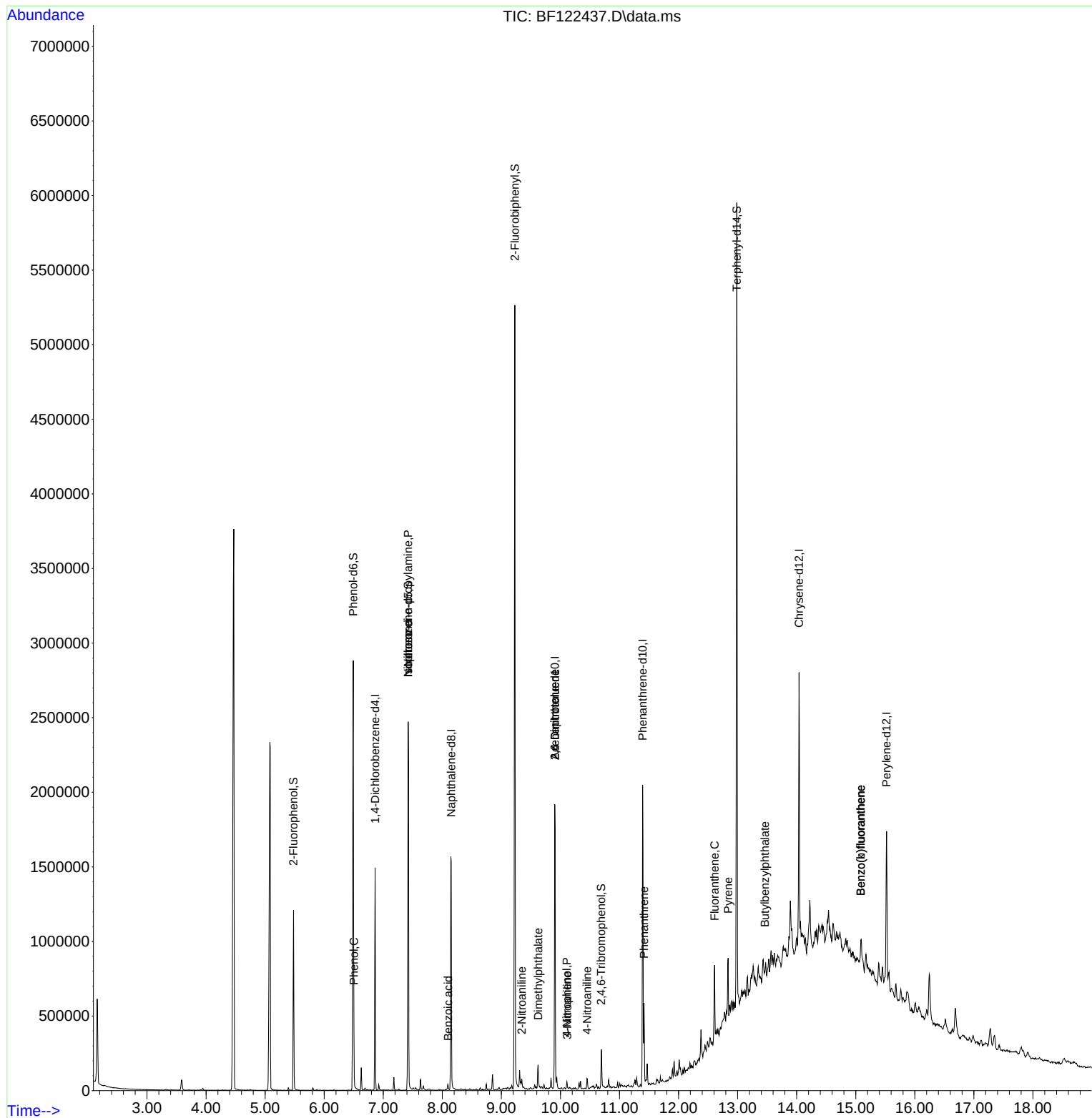
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	201537	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	794077	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	415738	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	758113	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	626337	20.00	ng	-0.01
86) Perylene-d12	15.521	264	524190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	300569	22.90	ng	-0.01
7) Phenol-d6	6.492	99	1000414	58.26	ng	-0.02
23) Nitrobenzene-d5	7.422	82	875855	67.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	31422	7.04	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1575338	59.21	ng	0.00
79) Terphenyl-d14	12.986	244	1694329	57.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	457	Below Cal		96
10) Phenol	6.504	94	84649	5.01 ng		76
19) n-Nitroso-di-n-propyla...	7.422	70	118601	11.56 ng	#	74
25) Isophorone	7.422	82	866622	29.97 ng	#	67
32) Benzoic acid	8.098	122	642	8.03 ng	#	1
48) 2-Nitroaniline	9.345	65	1141	5.30 ng	#	6
50) Dimethylphthalate	9.622	163	72621	2.46 ng		97
51) 2,6-Dinitrotoluene	9.904	165	54095	11.39 ng	#	21
53) 3-Nitroaniline	10.116	138	282	3.59 ng	#	1
56) 4-Nitrophenol	10.110	139	6627	6.37 ng	#	10
57) 2,4-Dinitrotoluene	9.904	165	54095	10.60 ng	#	20
62) 4-Nitroaniline	10.451	138	120	3.40 ng	#	19
71) Phenanthrene	11.416	178	177726	4.13 ng		98
75) Fluoranthene	12.610	202	195059	4.34 ng		97
78) Pyrene	12.839	202	167624	3.81 ng		98
80) Butylbenzylphthalate	13.462	149	443	3.31 ng	#	40
88) Benzo(b)fluoranthene	15.086	252	94409	2.78 ng	#	81
89) Benzo(k)fluoranthene	15.086	252	94409	2.85 ng	#	80

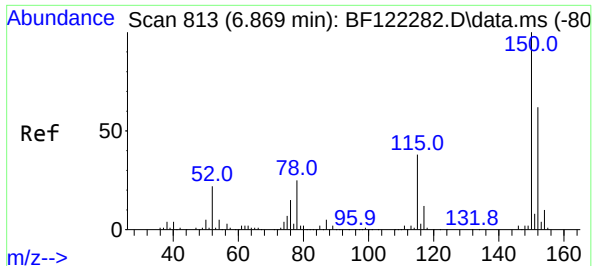
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122437.D
Acq On : 21 Nov 2020 23:58
Operator : JU/CG
Sample : L4808-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11931RE

Quant Time: Nov 23 01:02:29 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

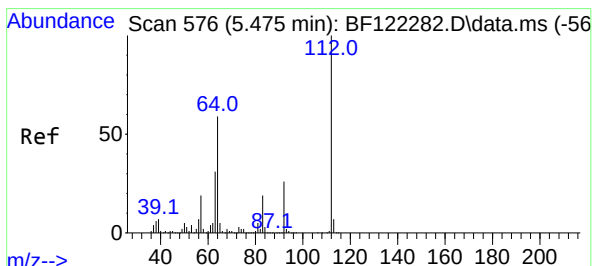
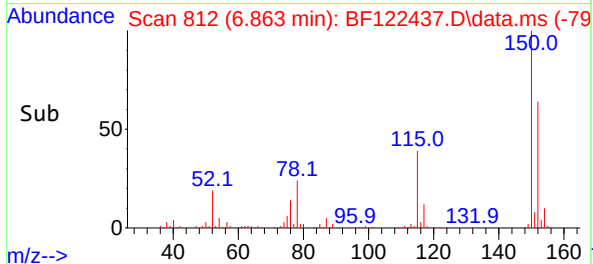
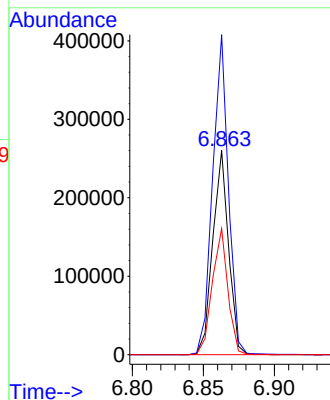
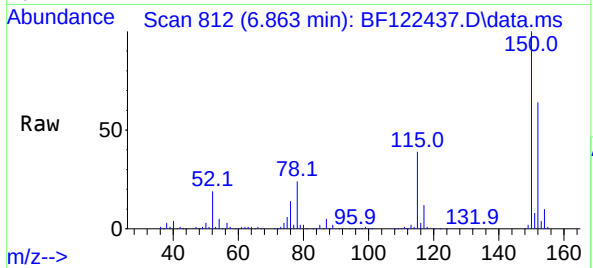




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

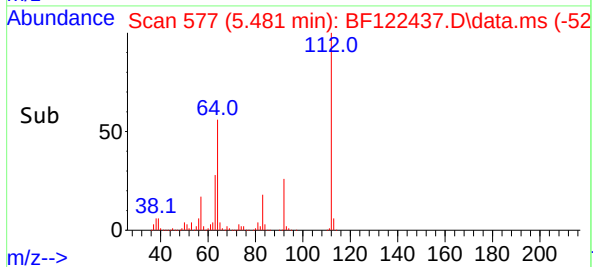
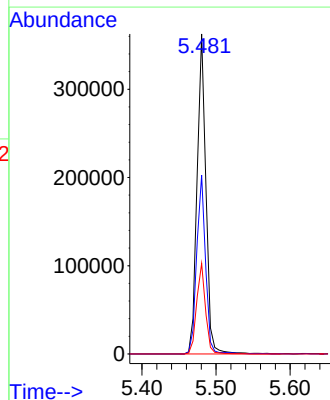
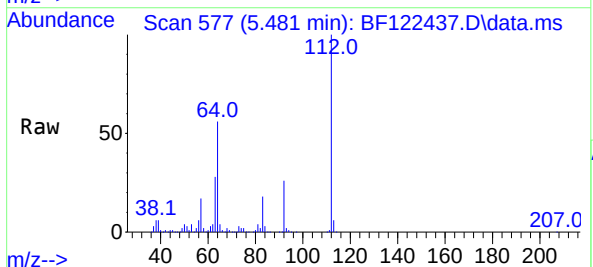
Instrument :
BNA_F
ClientSampleId :
11931RE

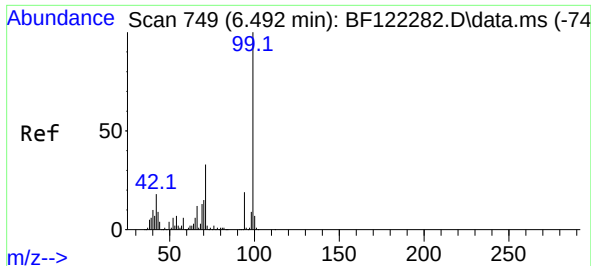
Tgt Ion:152 Resp: 201537
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 22.90 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:112 Resp: 300569
Ion Ratio Lower Upper
112 100
64 55.9 50.4 75.6
63 28.3 25.8 38.6

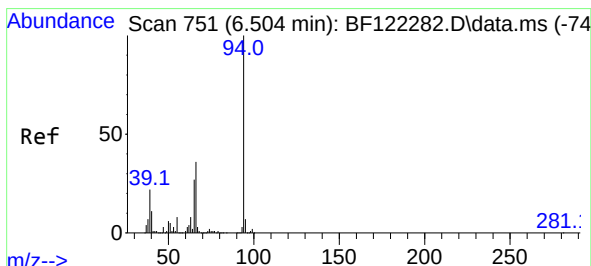
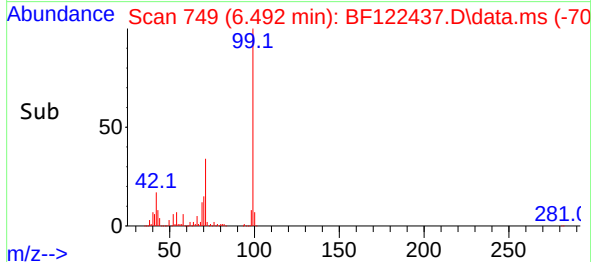
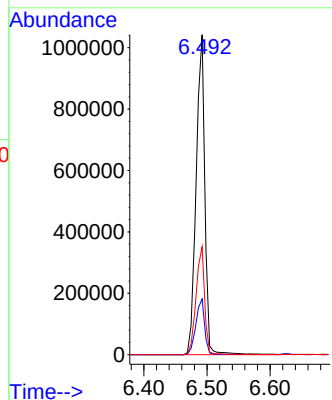
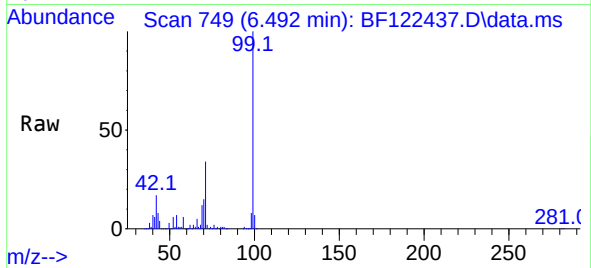




#7
Phenol-d6
Concen: 58.26 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

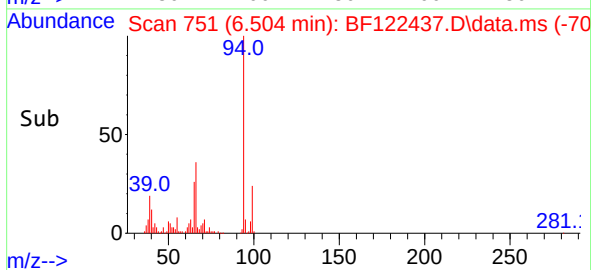
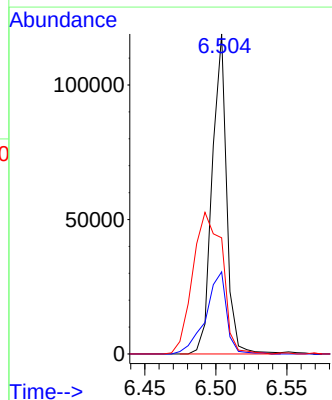
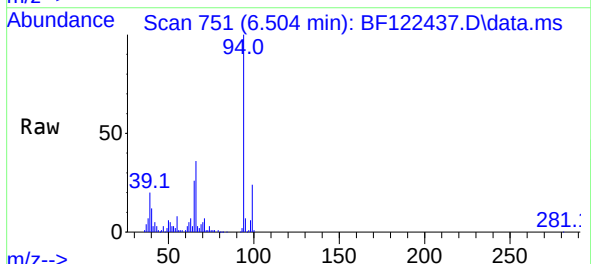
Instrument :
BNA_F
ClientSampleId :
11931RE

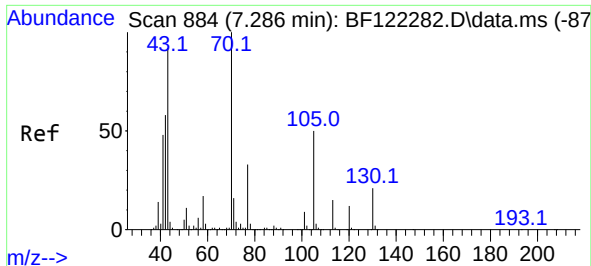
Tgt Ion: 99 Resp: 1000414
Ion Ratio Lower Upper
99 100
42 17.4 15.9 23.9
71 33.7 27.1 40.7



#10
Phenol
Concen: 5.01 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 94 Resp: 84649
Ion Ratio Lower Upper
94 100
65 25.7 17.1 57.1
66 36.3 36.0 76.0



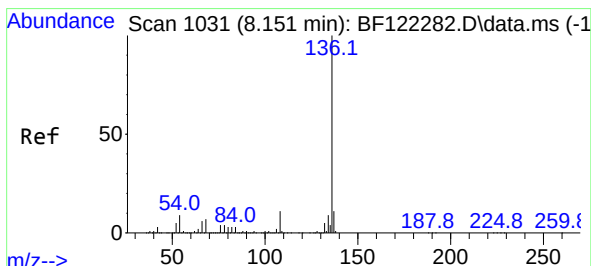
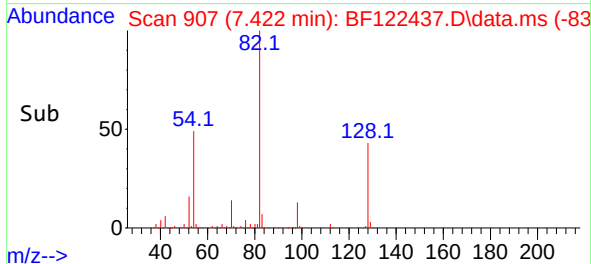
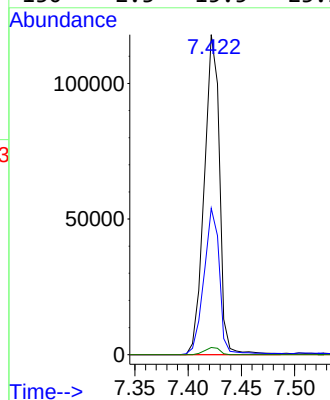
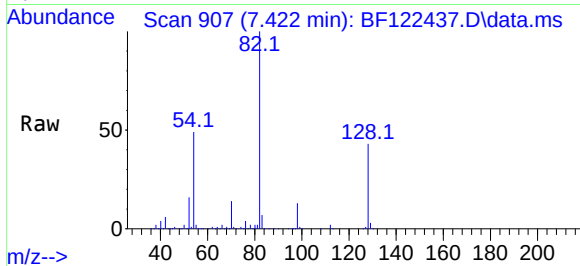


#19
n-Nitroso-di-n-propylamine
Concen: 11.56 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Instrument :
BNA_F
ClientSampleId :
11931RE

Tgt Ion: 70 Resp: 118601

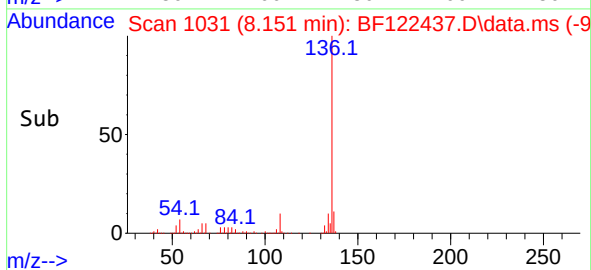
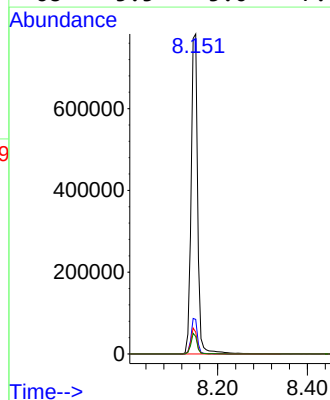
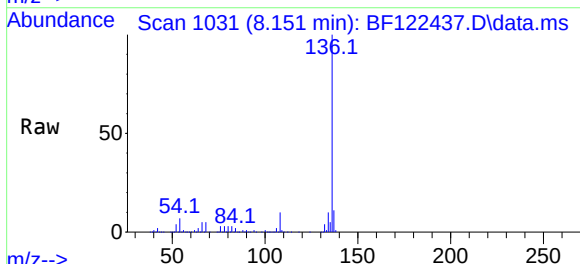
Ion	Ratio	Lower	Upper
70	100		
42	45.7	50.2	75.4#
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

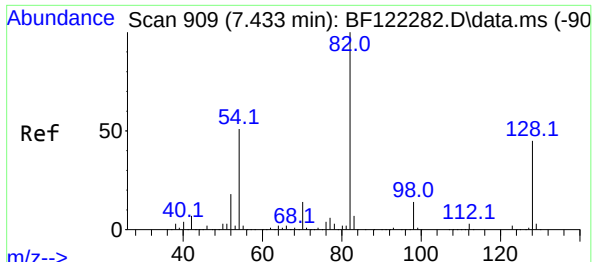


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 136 Resp: 794077

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	7.1	10.7#
68	5.5	5.0	7.4

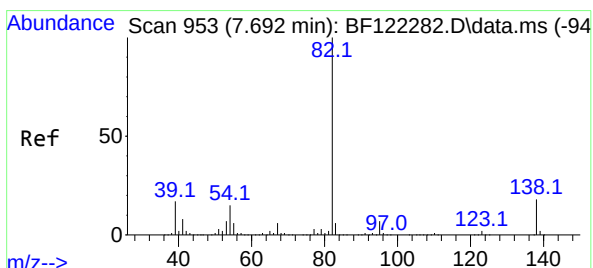
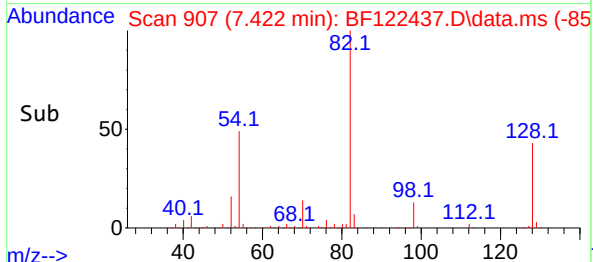
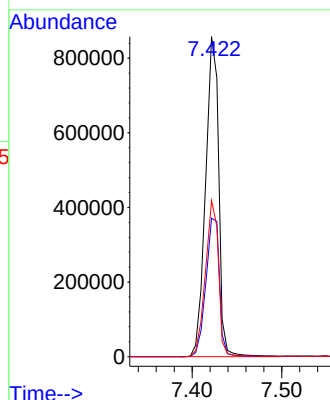
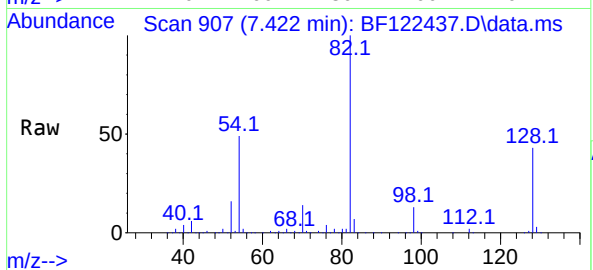




#23
Nitrobenzene-d5
Concen: 67.52 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

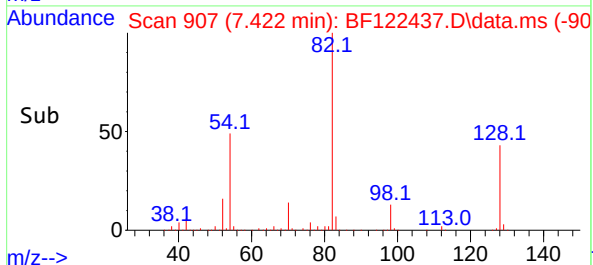
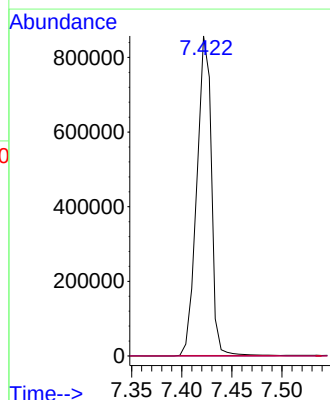
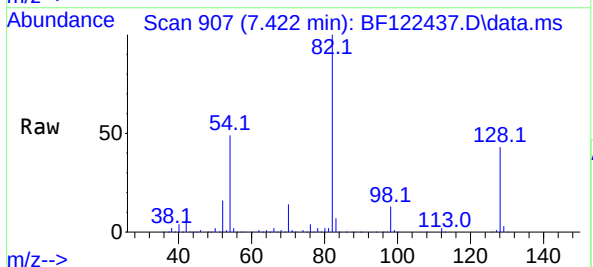
Instrument :
BNA_F
ClientSampleId :
11931RE

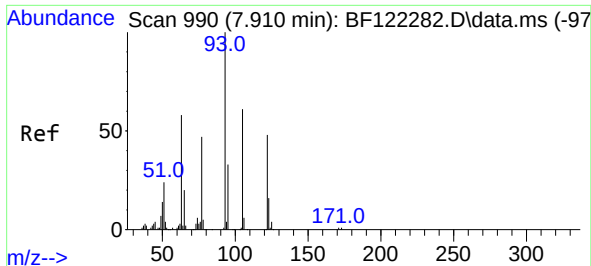
Tgt Ion: 82 Resp: 875855
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 48.8 43.9 65.9



#25
Isophorone
Concen: 29.97 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 82 Resp: 866622
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

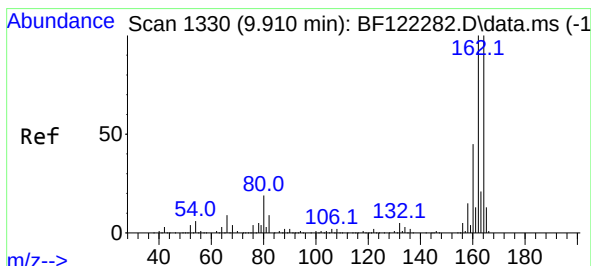
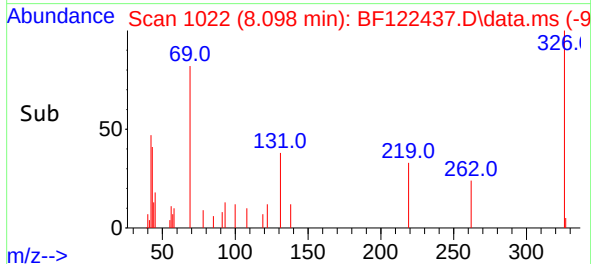
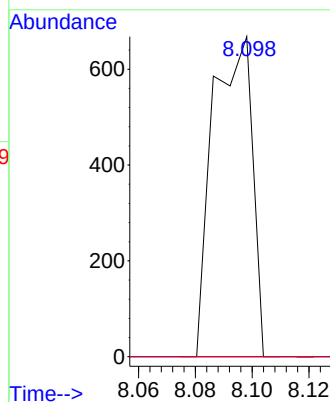
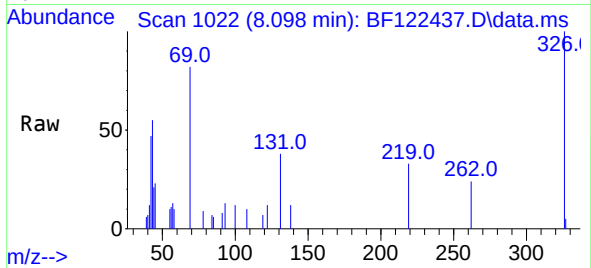




#32
Benzoic acid
Concen: 8.03 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.159 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

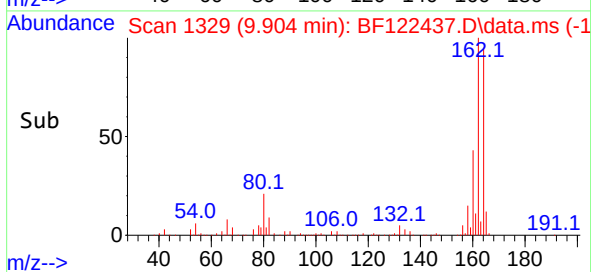
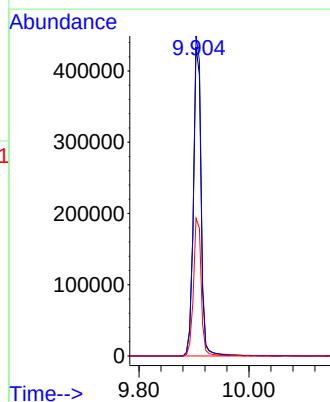
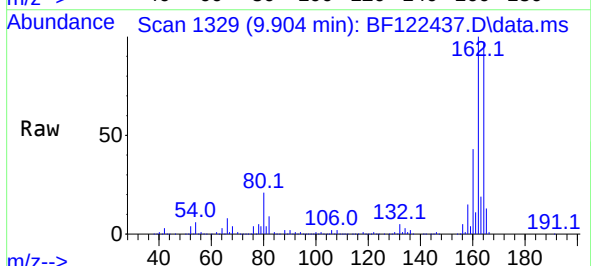
Instrument :
BNA_F
ClientSampleId :
11931RE

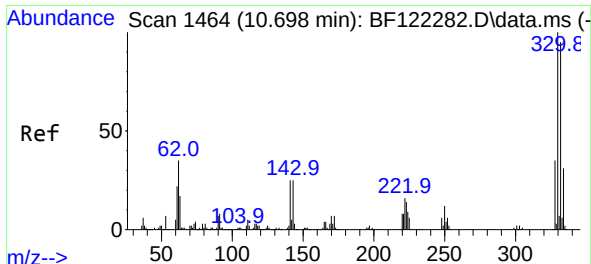
Tgt Ion:122 Resp: 642
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:164 Resp: 415738
Ion Ratio Lower Upper
164 100
162 103.6 83.2 124.8
160 44.6 37.5 56.3

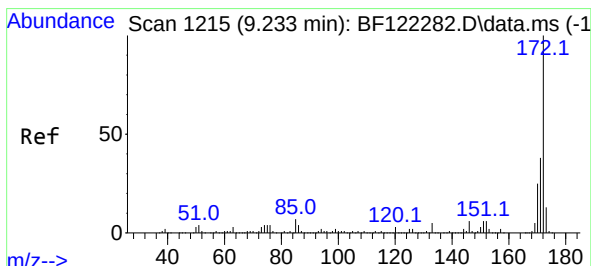
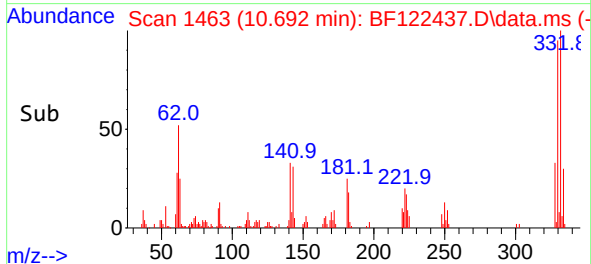
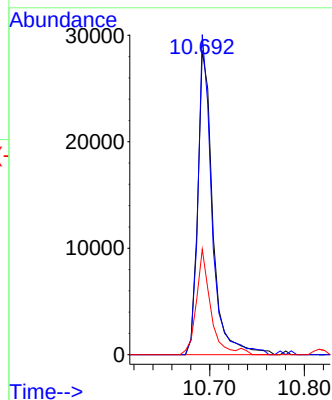
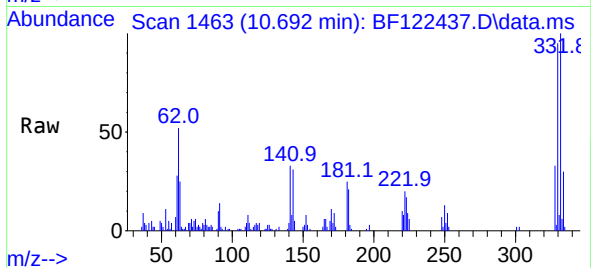




#42
2,4,6-Tribromophenol
Concen: 7.04 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

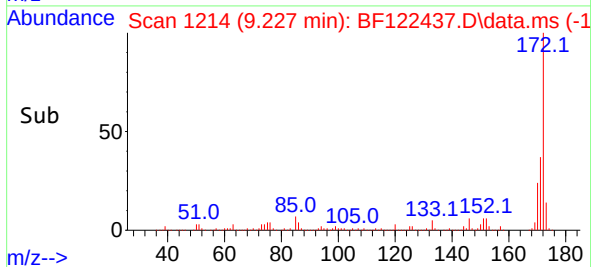
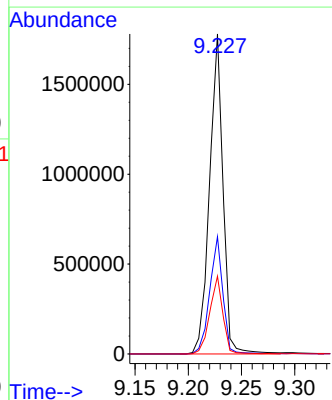
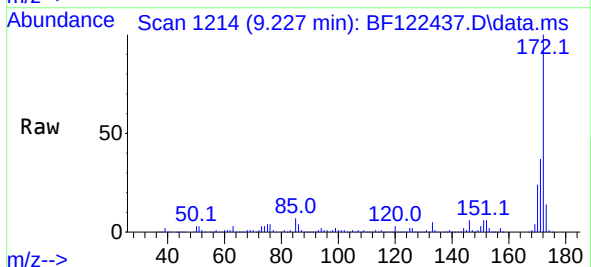
Instrument :
BNA_F
ClientSampleID :
11931RE

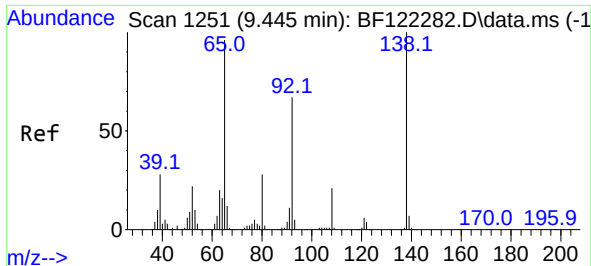
Tgt Ion: 330 Resp: 31422
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.21 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 172 Resp: 1575338
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.3 19.8 29.6

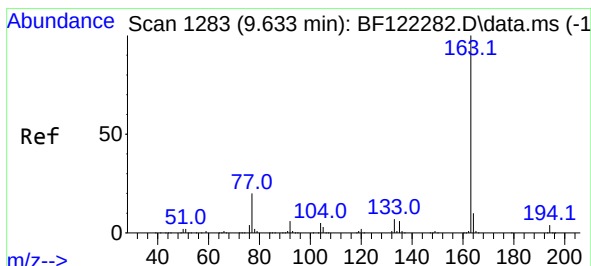
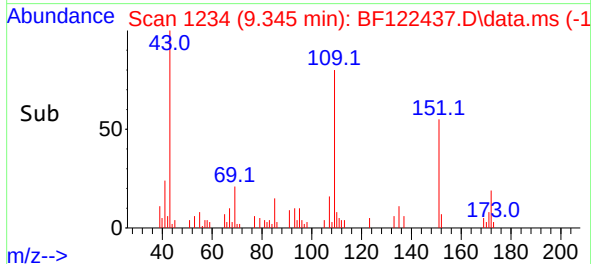
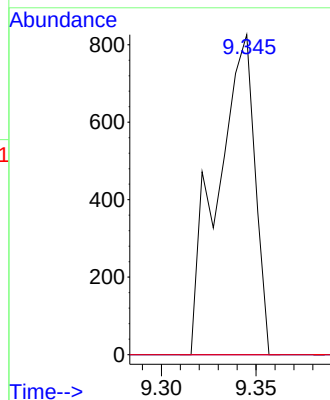
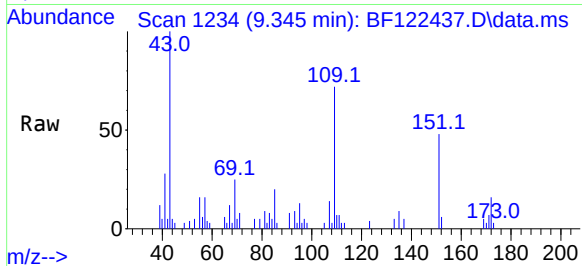




#48
2-Nitroaniline
Concen: 5.30 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

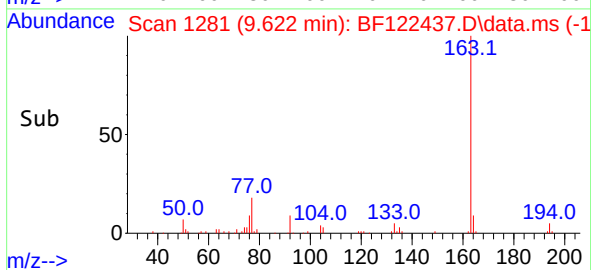
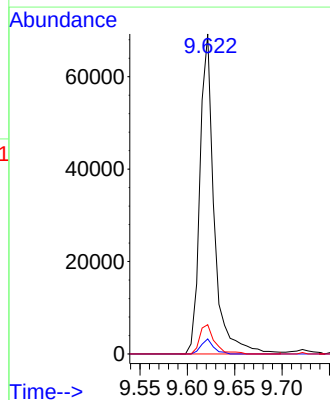
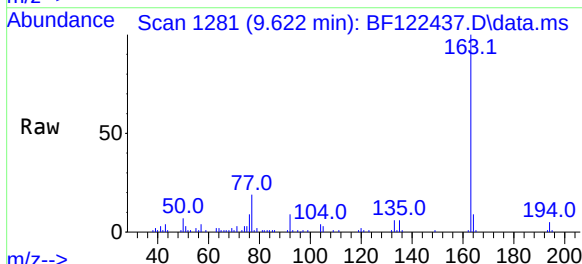
Instrument :
BNA_F
ClientSampleId :
11931RE

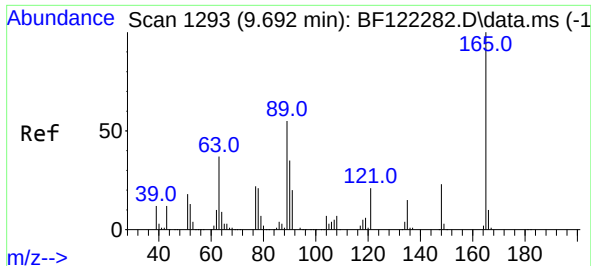
Tgt Ion: 65 Resp: 1141
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.46 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:163 Resp: 72621
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.1 8.2 12.4

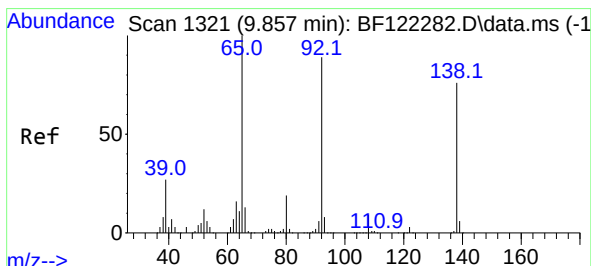
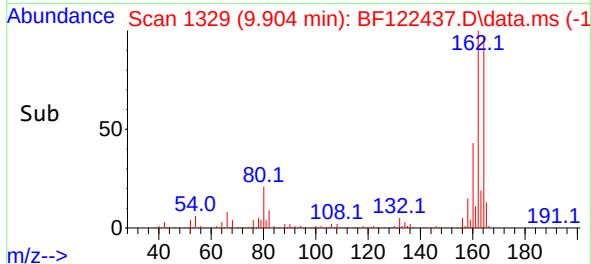
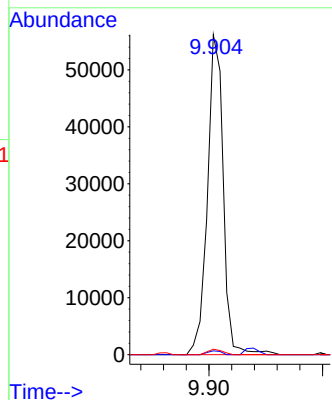
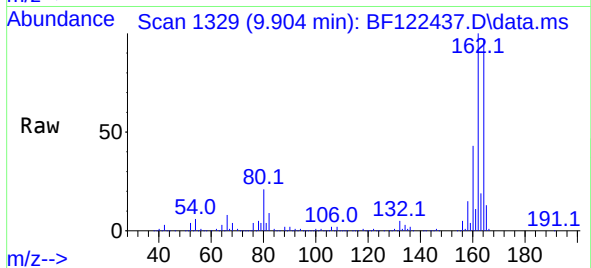




#51
2,6-Dinitrotoluene
Concen: 11.39 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

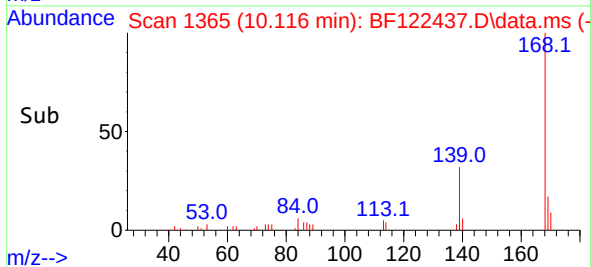
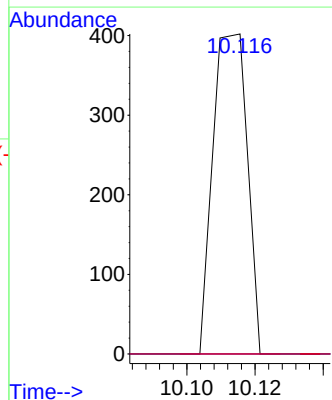
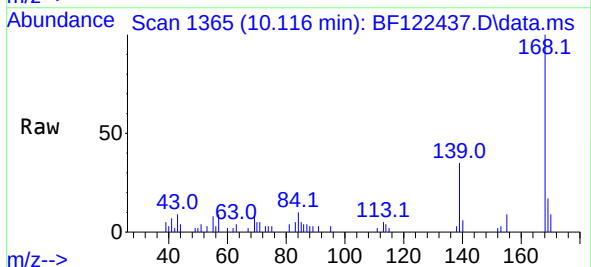
Instrument :
BNA_F
ClientSampled :
11931RE

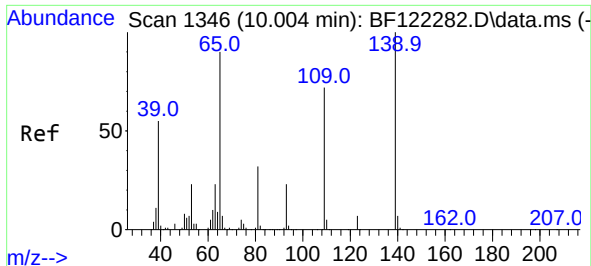
Tgt Ion:165 Resp: 54095
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.7 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.59 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.247 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:138 Resp: 282
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#

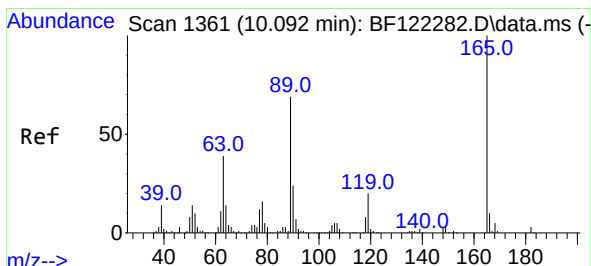
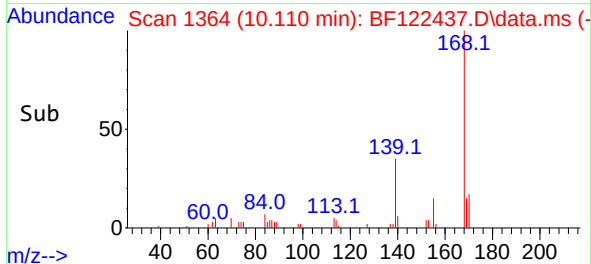
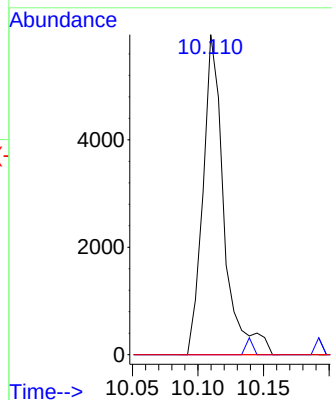
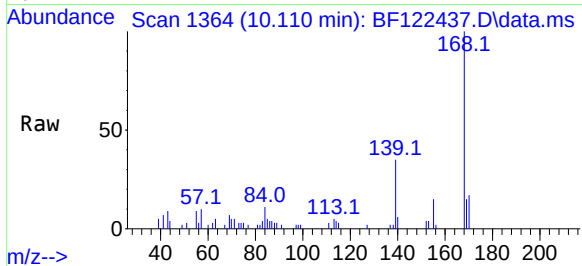




#56
4-Nitrophenol
Concen: 6.37 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.082 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

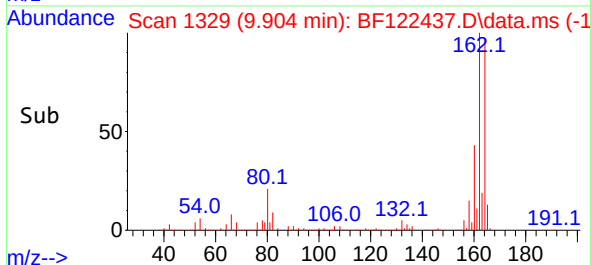
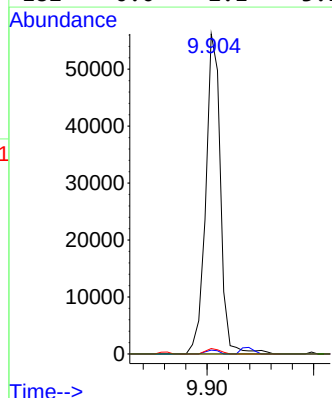
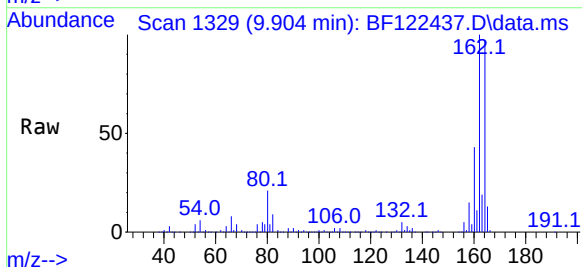
Instrument :
BNA_F
ClientSampled :
11931RE

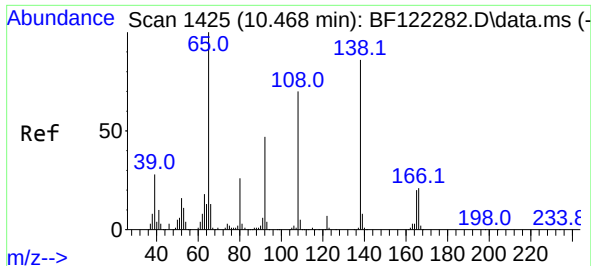
Tgt Ion:139 Resp: 6627
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.60 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:165 Resp: 54095
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

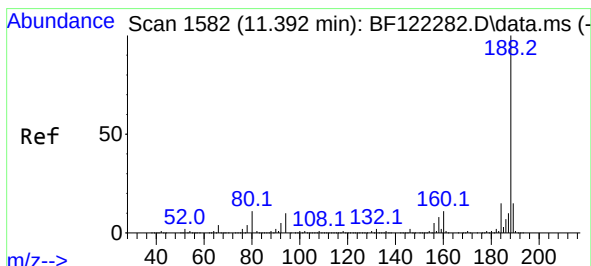
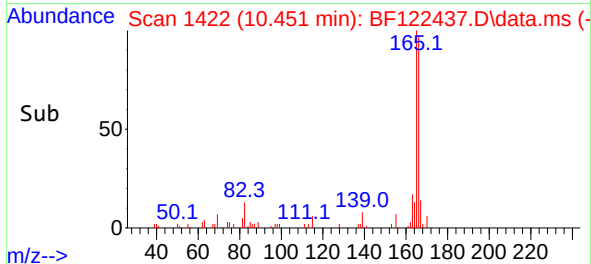
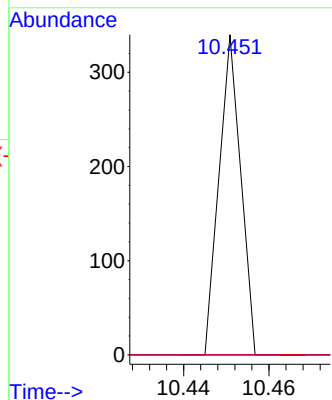
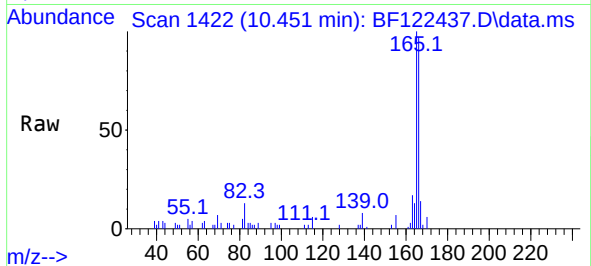




#62
4-Nitroaniline
Concen: 3.40 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.036 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

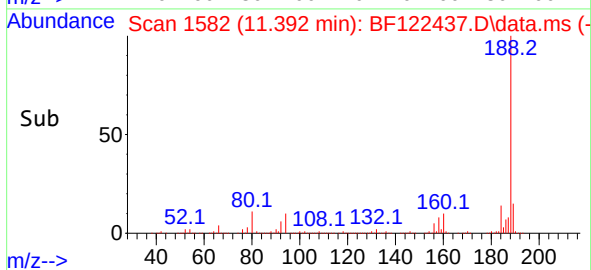
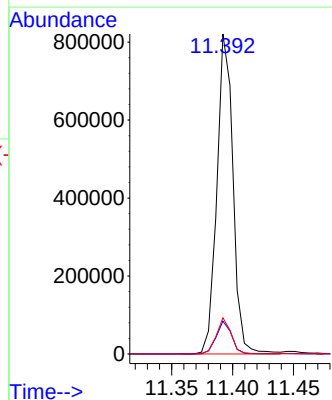
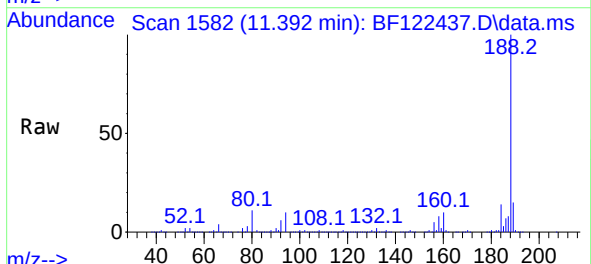
Instrument :
BNA_F
ClientSampleId :
11931RE

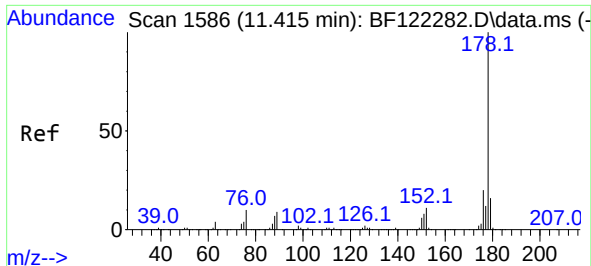
Tgt Ion:138 Resp: 120
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 0.0 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:188 Resp: 758113
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7

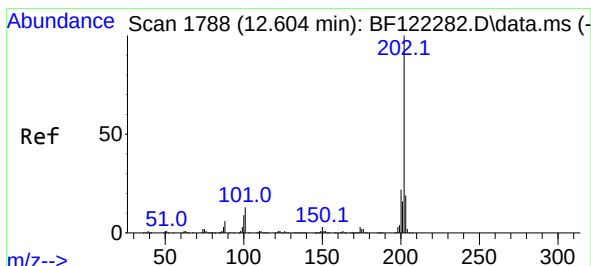
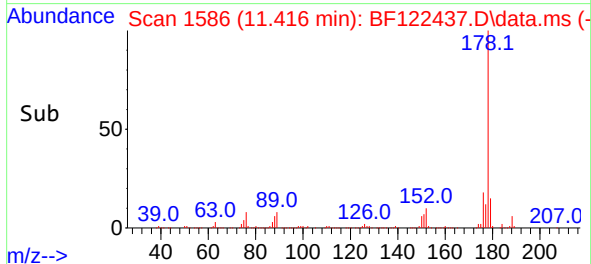
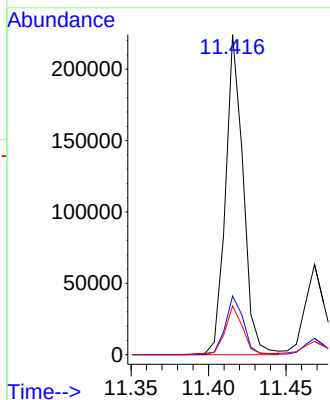
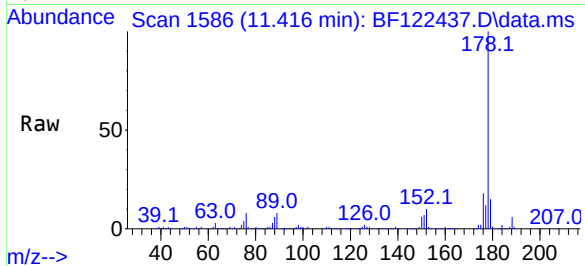




#71
Phenanthrene
Concen: 4.13 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

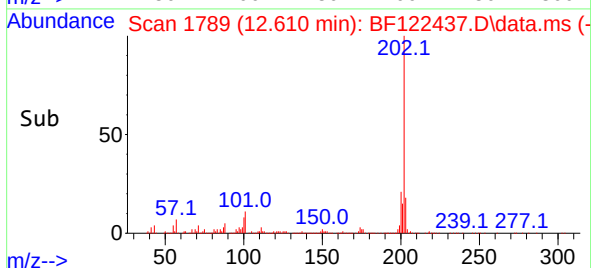
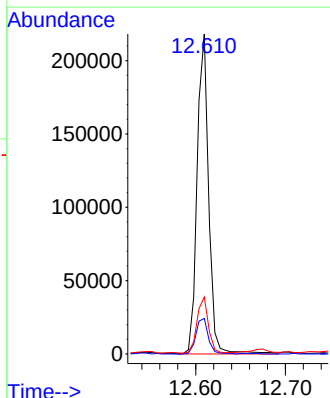
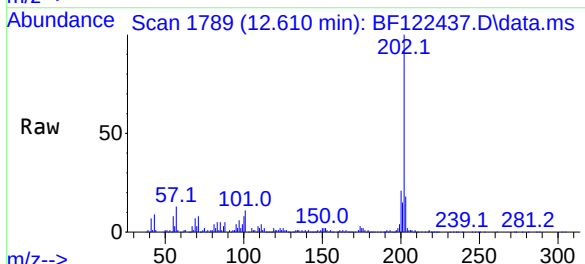
Instrument :
BNA_F
ClientSampleId :
11931RE

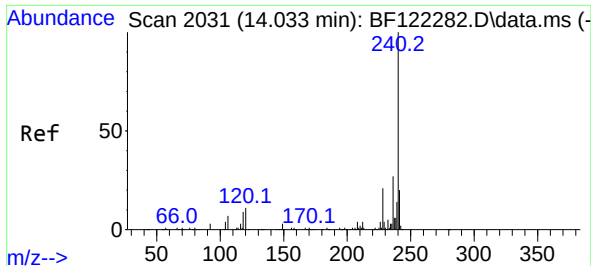
Tgt Ion:178 Resp: 177726
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.2 12.2 18.4



#75
Fluoranthene
Concen: 4.34 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:202 Resp: 195059
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.8 0.0 37.9

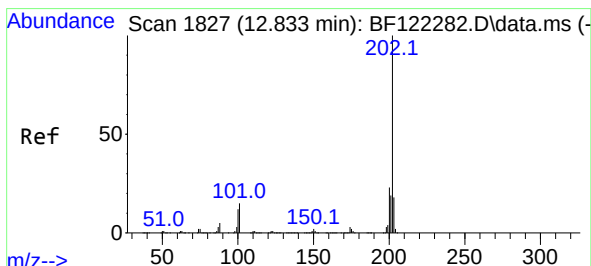
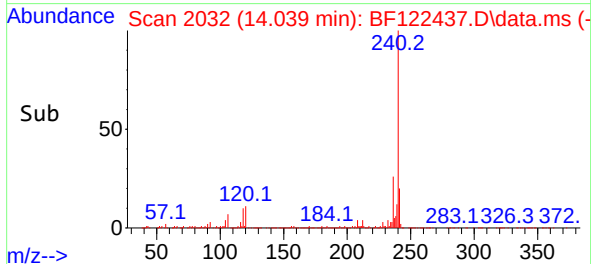
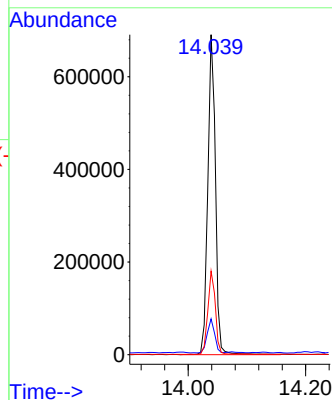
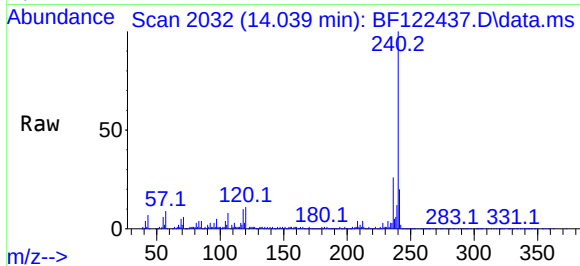




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

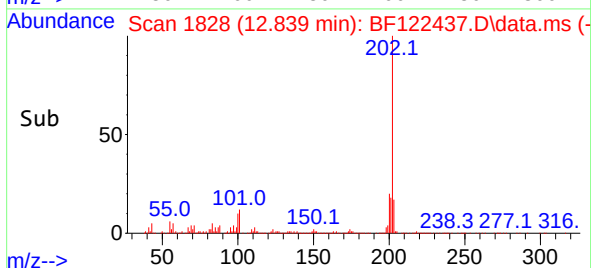
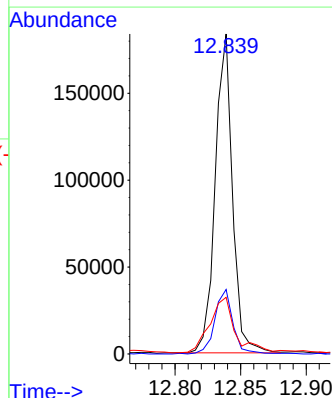
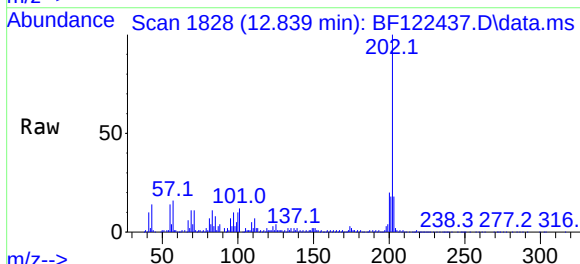
Instrument :
BNA_F
ClientSampleId :
11931RE

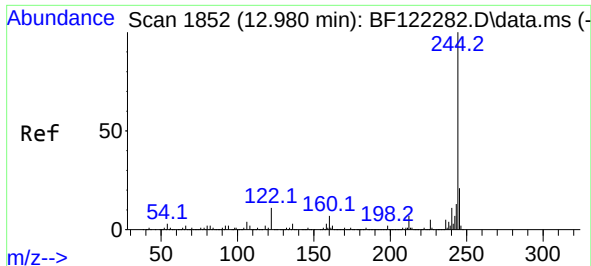
Tgt Ion:240 Resp: 626337
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.1 20.9 31.3



#78
Pyrene
Concen: 3.81 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:202 Resp: 167624
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 17.7 14.6 21.8

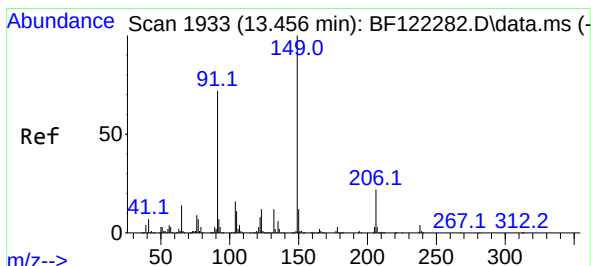
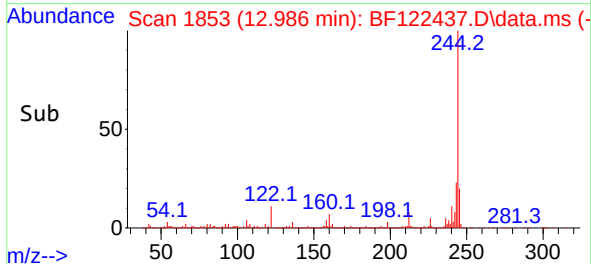
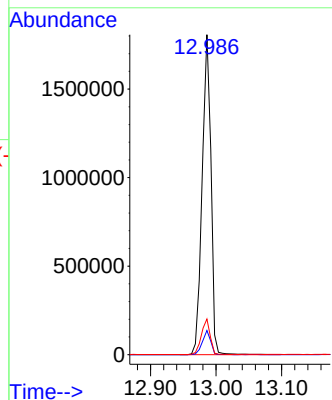
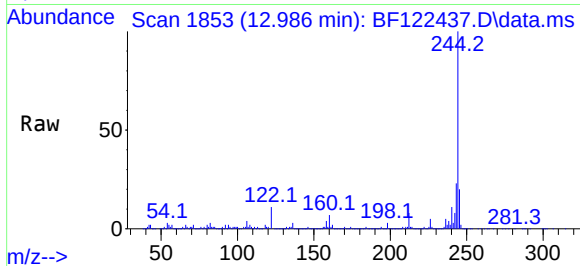




#79
Terphenyl-d14
Concen: 57.31 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

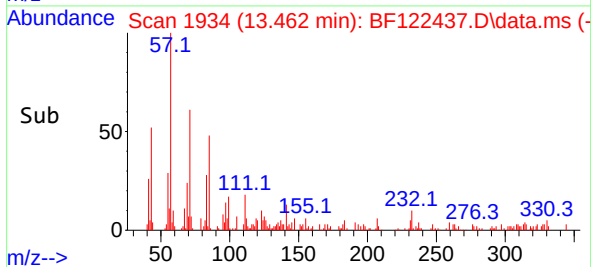
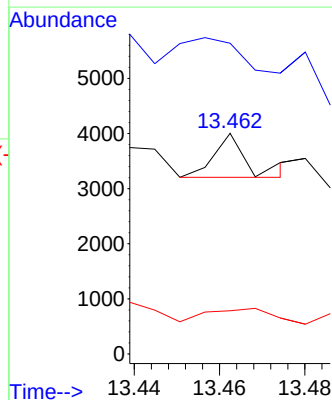
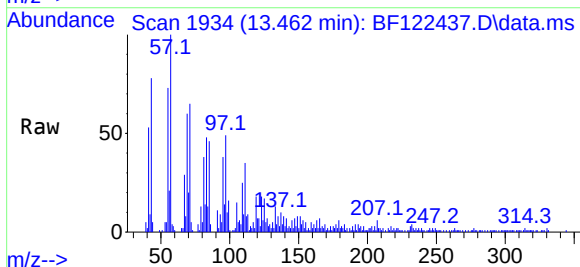
Instrument :
BNA_F
ClientSampleId :
11931RE

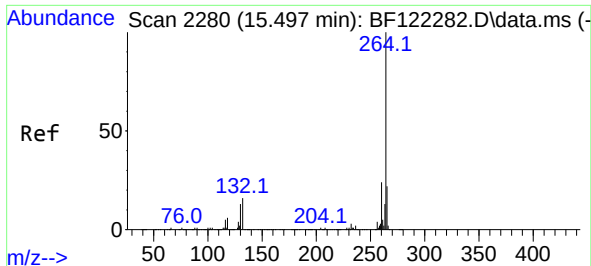
Tgt Ion:244 Resp: 1694329
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.1 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.31 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:149 Resp: 443
Ion Ratio Lower Upper
149 100
91 140.8 61.0 91.4#
206 19.6 16.7 25.1

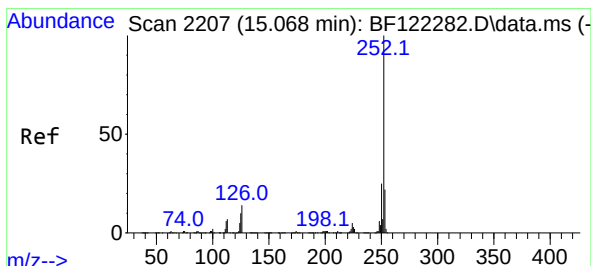
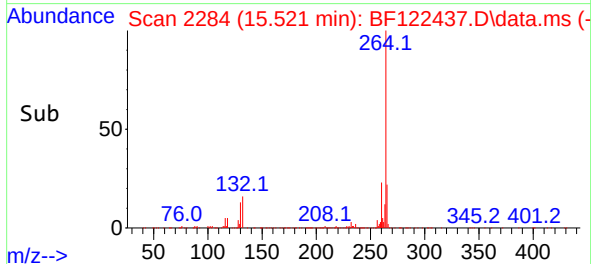
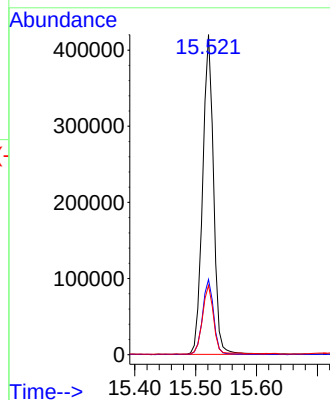
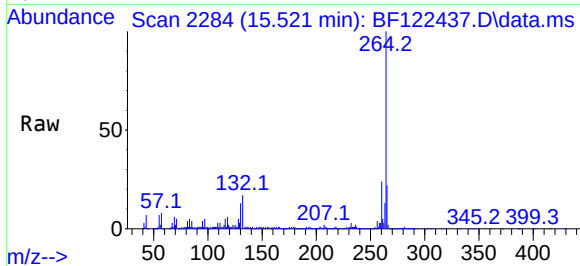




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

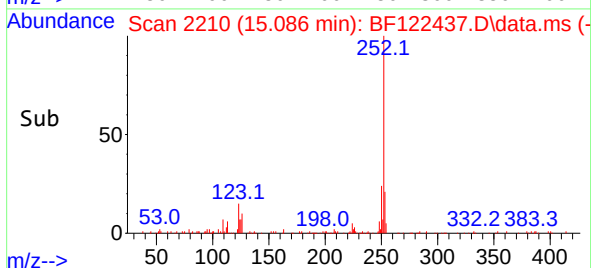
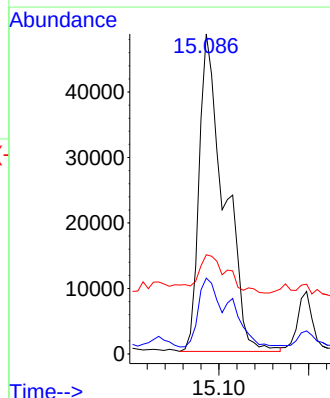
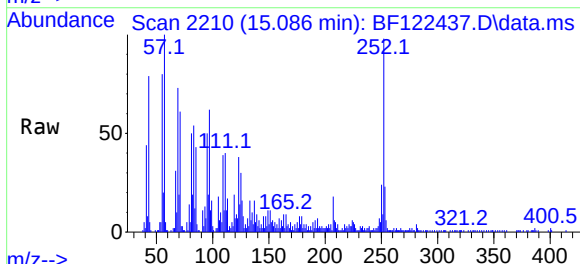
Instrument :
BNA_F
ClientSampleId :
11931RE

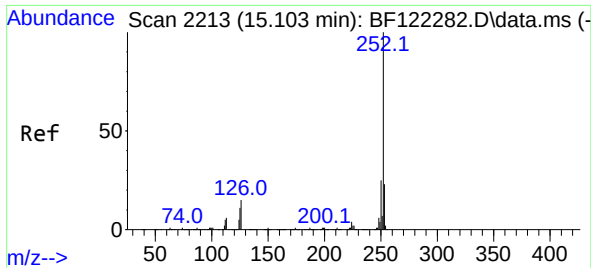
Tgt Ion:264 Resp: 524190
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 2.78 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

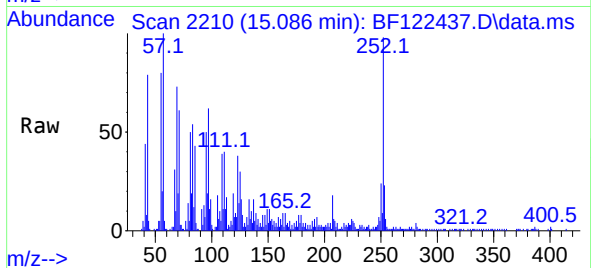
Tgt Ion:252 Resp: 94409
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 31.0 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.047 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Instrument :
BNA_F
ClientSampleId :
11931RE



Tgt Ion:252 Resp: 94409
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 31.0 7.7 11.5#

