

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122538.D
 Acq On : 3 Dec 2020 15:25
 Operator : JU/CG
 Sample : L4911-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPC

Quant Time: Dec 03 16:01:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

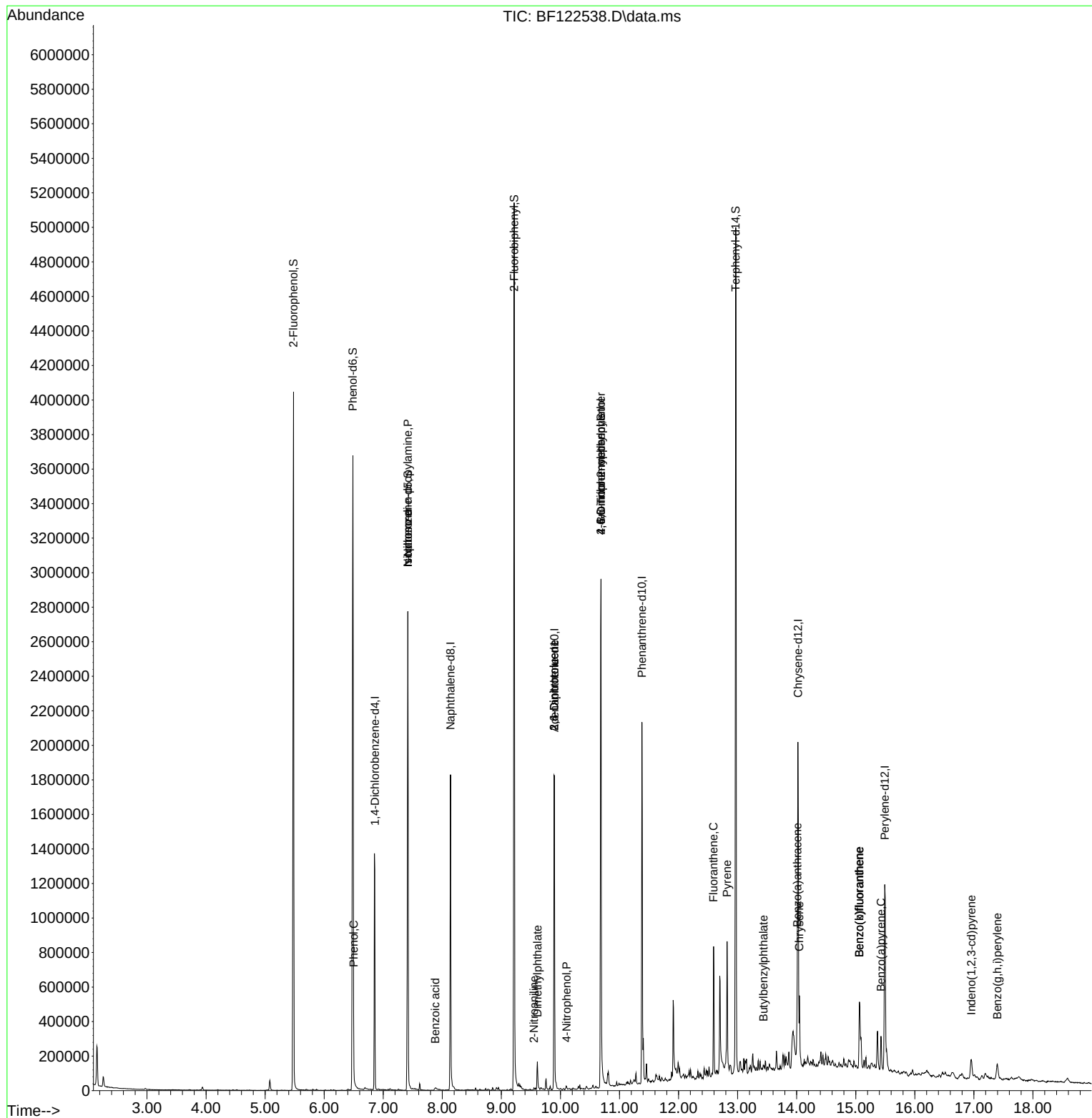
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	206587	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	790173	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	419875	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	765510	20.00	ng	0.00
76) Chrysene-d12	14.021	240	588400	20.00	ng	-0.01
86) Perylene-d12	15.492	264	527488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1174933	87.33	ng	0.00
7) Phenol-d6	6.487	99	1473072	83.69	ng	-0.01
23) Nitrobenzene-d5	7.416	82	922464	71.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	447746	99.36	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1629883	60.65	ng	0.00
79) Terphenyl-d14	12.969	244	1669718	60.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	666	Below Cal		98
10) Phenol	6.498	94	66932	3.86	ng	77
19) n-Nitroso-di-n-propyla...	7.416	70	123367	11.73	ng	# 73
25) Isophorone	7.416	82	907502	31.54	ng	# 67
32) Benzoic acid	7.881	122	10247	9.10	ng	92
48) 2-Nitroaniline	9.551	65	114	5.18	ng	# 6
50) Dimethylphthalate	9.610	163	74844	2.51	ng	100
51) 2,6-Dinitrotoluene	9.892	165	53742	11.26	ng	# 21
56) 4-Nitrophenol	10.104	139	2515	5.77	ng	# 10
57) 2,4-Dinitrotoluene	9.892	165	53742	10.51	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	791	6.45	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	27236	3.03	ng	# 1
75) Fluoranthene	12.592	202	286526	6.32	ng	98
78) Pyrene	12.822	202	291479	7.05	ng	98
80) Butylbenzylphthalate	13.439	149	1494	3.37	ng	88
81) Benzo(a)anthracene	14.010	228	149114	4.07	ng	97
83) Chrysene	14.045	228	162043	4.40	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	79176	2.50	ng	95
88) Benzo(b)fluoranthene	15.063	252	282908	8.28	ng	97
89) Benzo(k)fluoranthene	15.063	252	282908	8.49	ng	98
90) Benzo(a)pyrene	15.427	252	98038	3.29	ng	96
92) Benzo(g,h,i)perylene	17.398	276	77745	3.02	ng	96

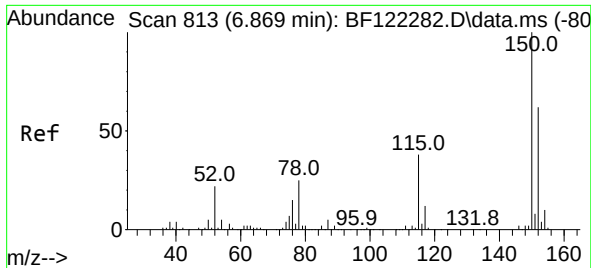
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122538.D
Acq On : 3 Dec 2020 15:25
Operator : JU/CG
Sample : L4911-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

Quant Time: Dec 03 16:01:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

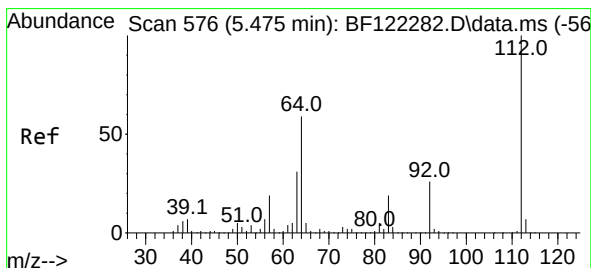
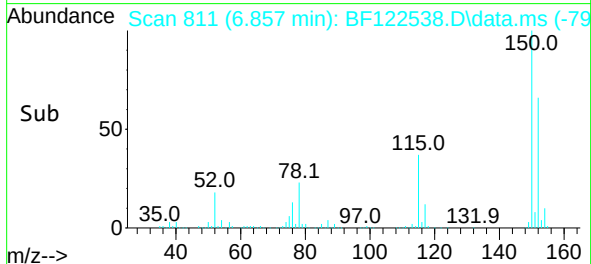
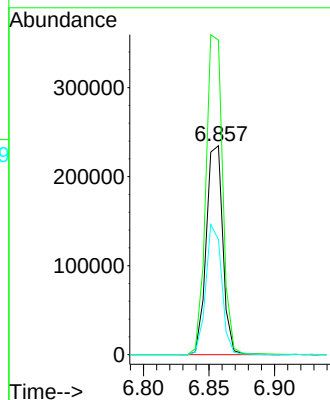
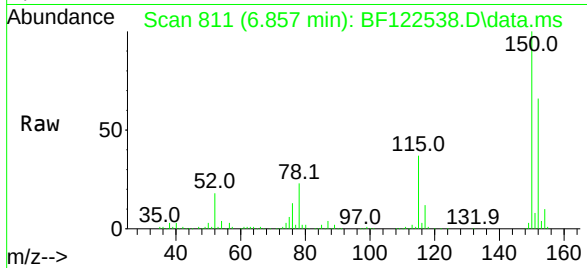




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

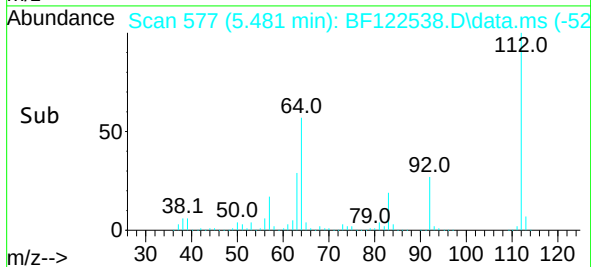
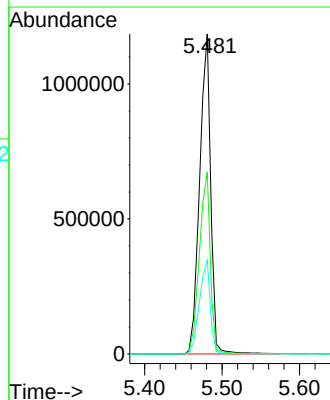
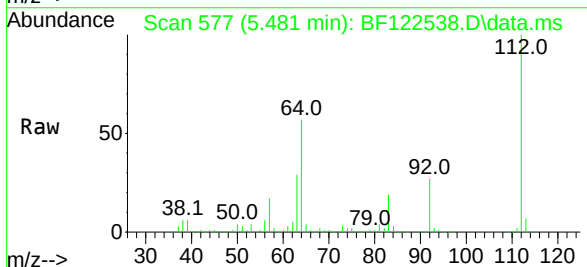
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

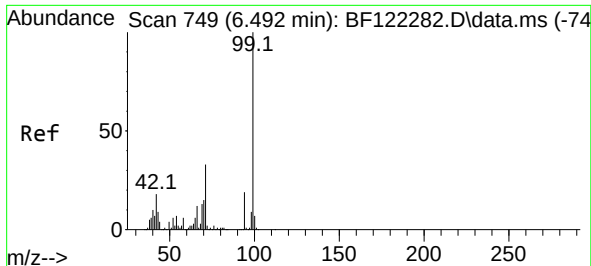
Tgt Ion:152 Resp: 206587
Ion Ratio Lower Upper
152 100
150 150.6 125.3 187.9
115 55.2 51.9 77.9



#5
2-Fluorophenol
Concen: 87.33 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:112 Resp: 1174933
Ion Ratio Lower Upper
112 100
64 56.8 50.4 75.6
63 29.3 25.8 38.6

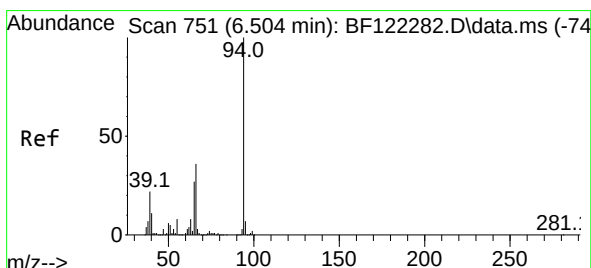
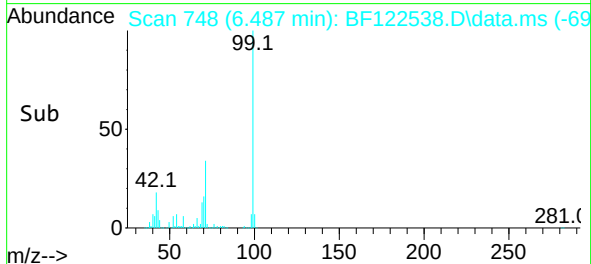
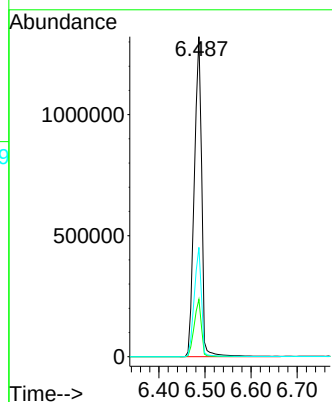
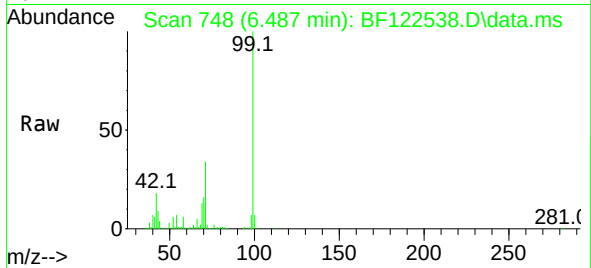




#7
Phenol-d6
Concen: 83.69 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

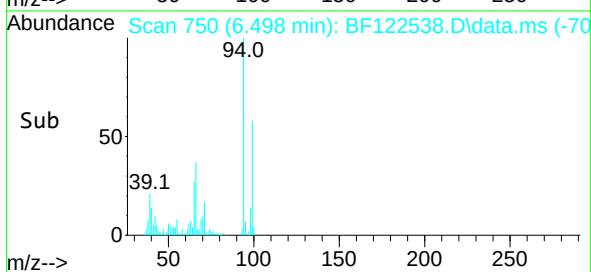
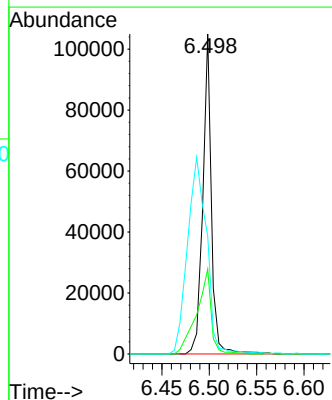
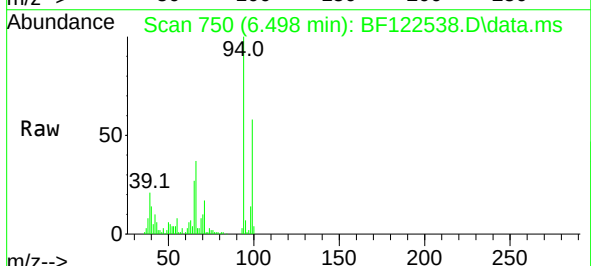
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

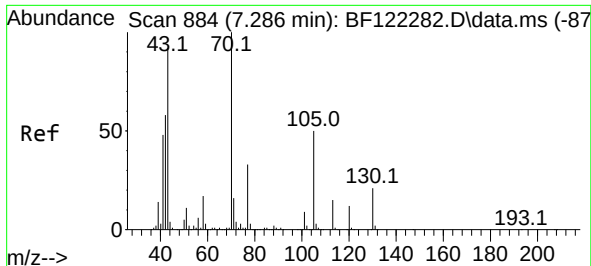
Tgt Ion: 99 Resp: 1473072
Ion Ratio Lower Upper
99 100
42 17.9 15.9 23.9
71 34.2 27.1 40.7



#10
Phenol
Concen: 3.86 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion: 94 Resp: 66932
Ion Ratio Lower Upper
94 100
65 26.6 17.1 57.1
66 36.8 36.0 76.0

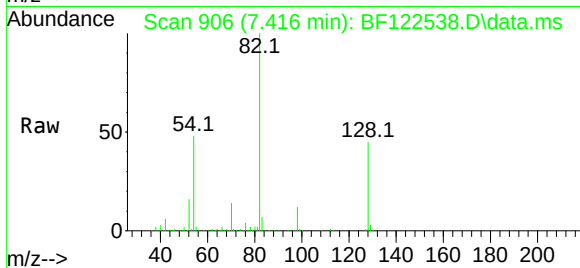




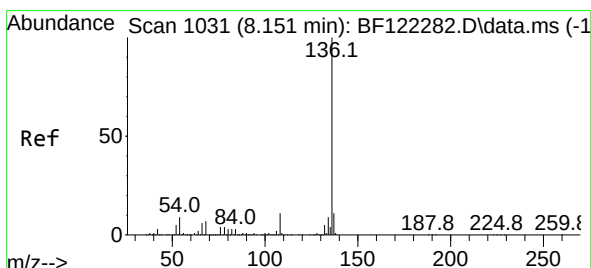
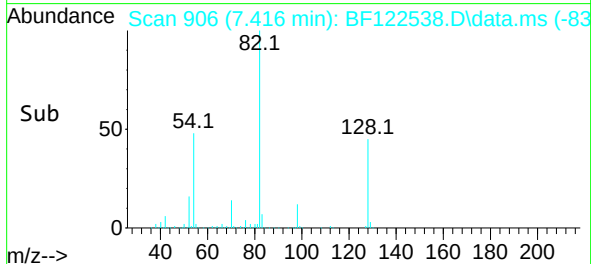
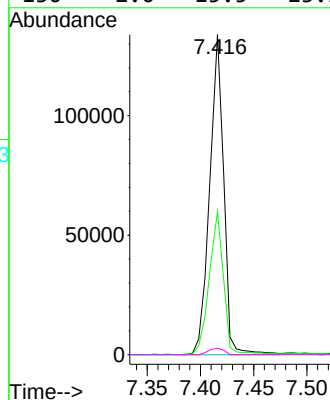
#19

n-Nitroso-di-n-propylamine
Concen: 11.73 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

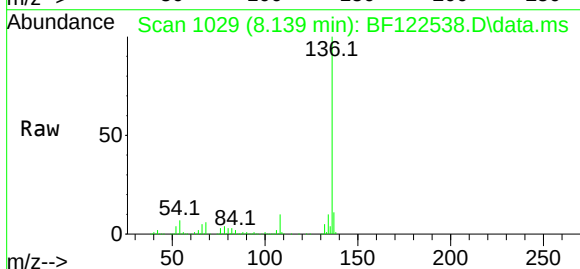


Tgt Ion:	70	Resp:	123367
Ion Ratio	100	Lower	Upper
70	100		
42	44.6	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

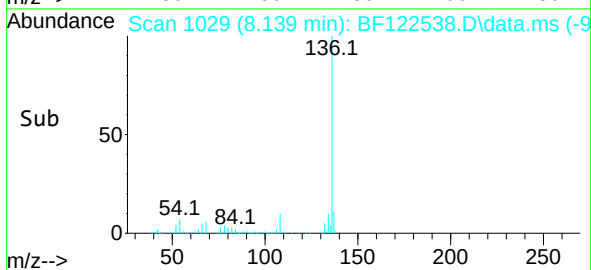
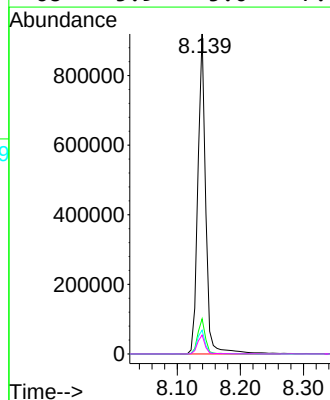


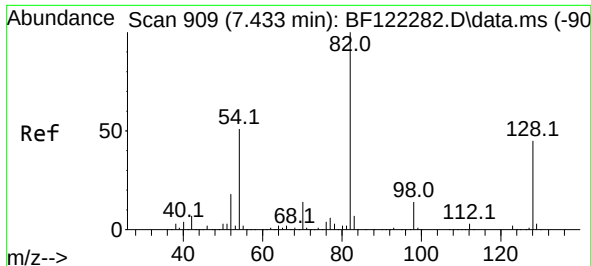
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25



Tgt Ion:	136	Resp:	790173
Ion Ratio	100	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	7.1	10.7
68	5.9	5.0	7.4

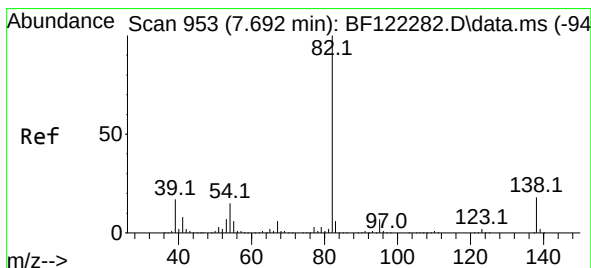
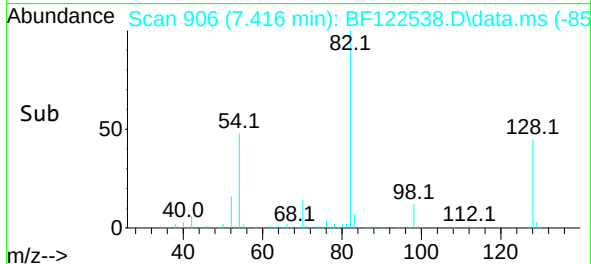
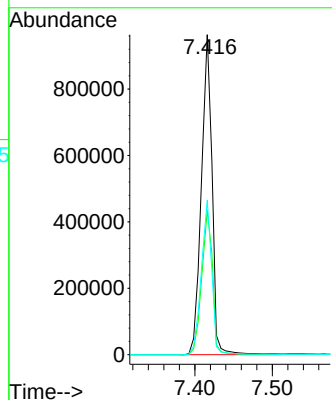
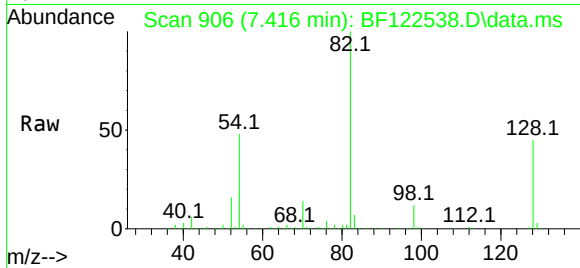




#23
Nitrobenzene-d5
Concen: 71.47 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

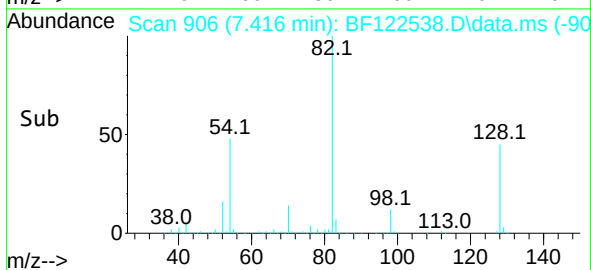
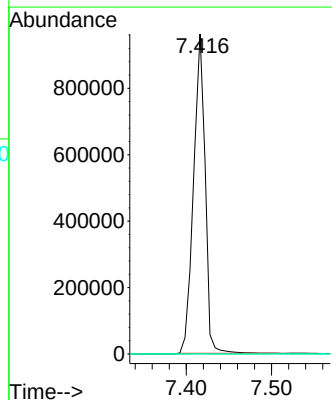
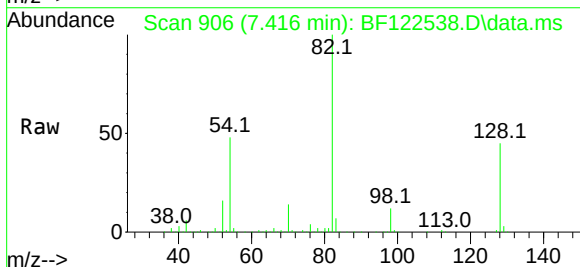
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

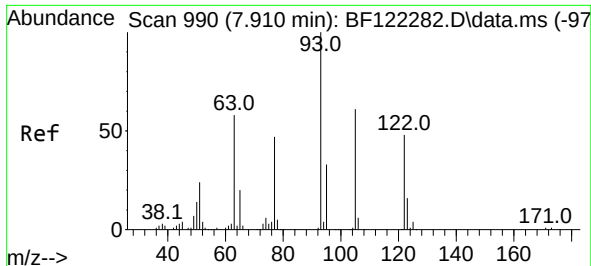
Tgt Ion: 82 Resp: 922464
Ion Ratio Lower Upper
82 100
128 45.1 35.0 52.4
54 48.2 43.9 65.9



#25
Isophorone
Concen: 31.54 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion: 82 Resp: 907502
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

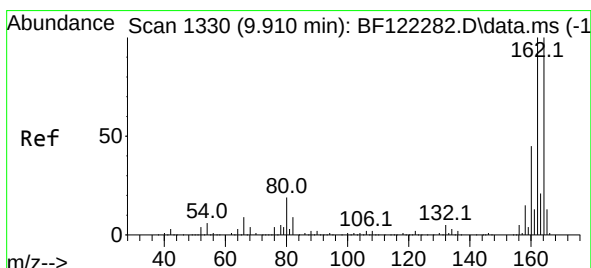
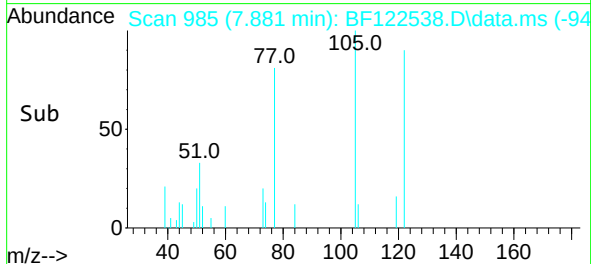
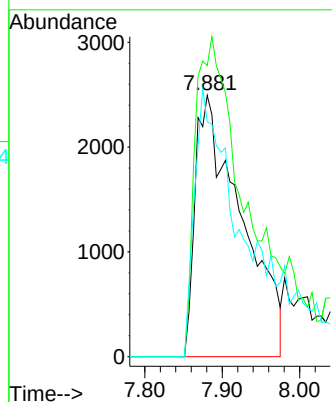
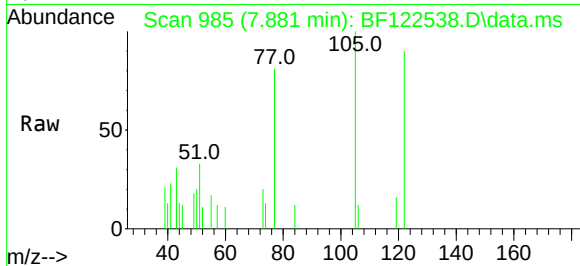




#32
Benzoic acid
Concen: 9.10 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.053 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

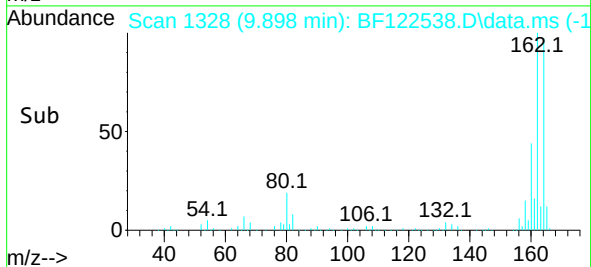
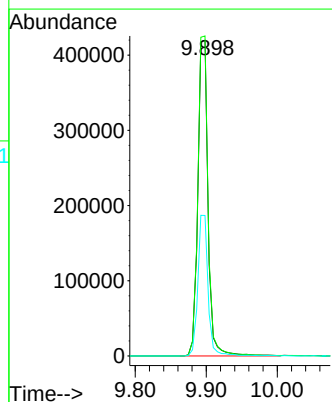
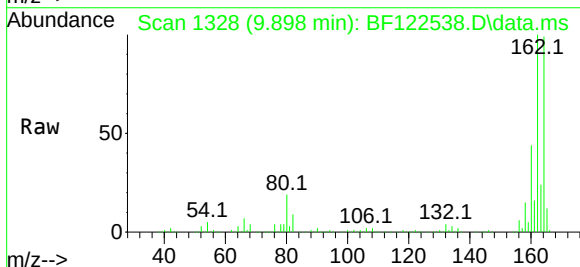
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

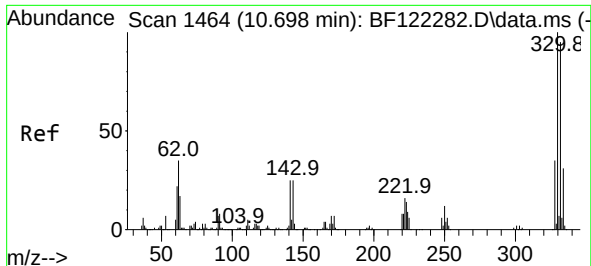
Tgt Ion:122 Resp: 10247
Ion Ratio Lower Upper
122 100
105 111.3 103.3 143.3
77 89.9 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:164 Resp: 419875
Ion Ratio Lower Upper
164 100
162 101.4 83.2 124.8
160 44.5 37.5 56.3

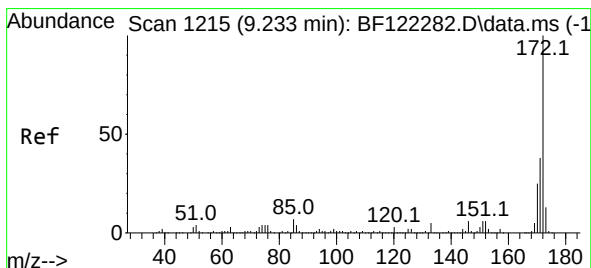
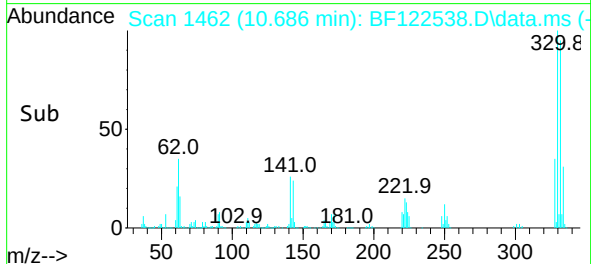
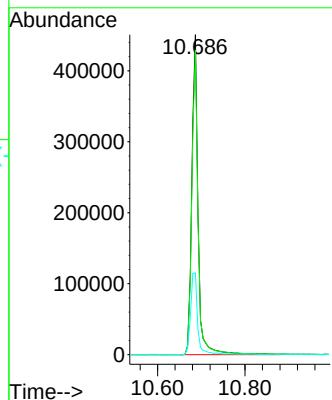
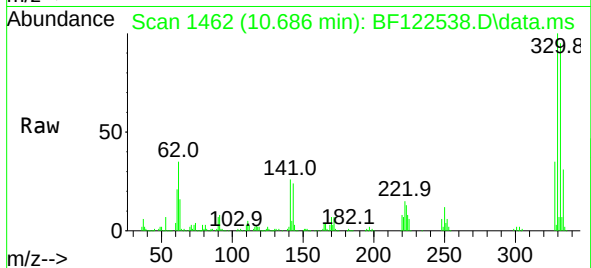




#42
 2,4,6-Tribromophenol
 Concen: 99.36 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF122538.D
 Acq: 3 Dec 2020 15:25

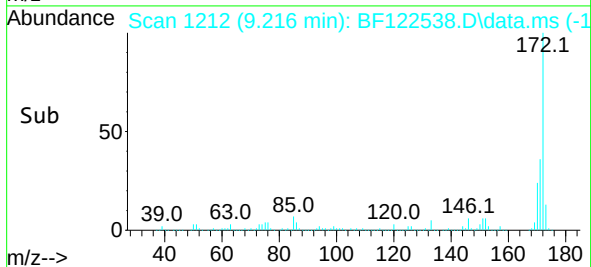
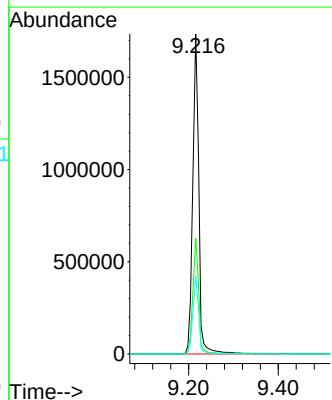
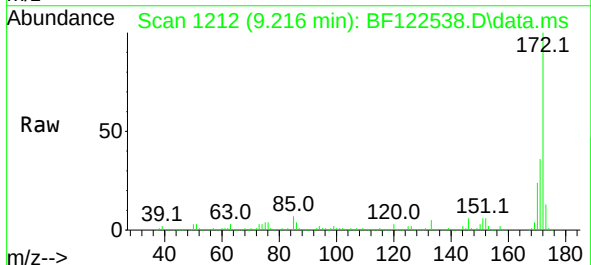
Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPC

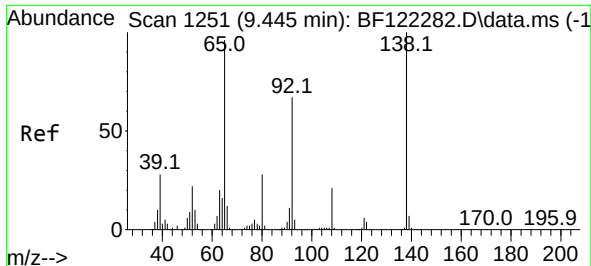
Tgt Ion:330 Resp: 447746
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.3 115.9
 141 29.2 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 60.65 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF122538.D
 Acq: 3 Dec 2020 15:25

Tgt Ion:172 Resp: 1629883
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.4 19.8 29.6

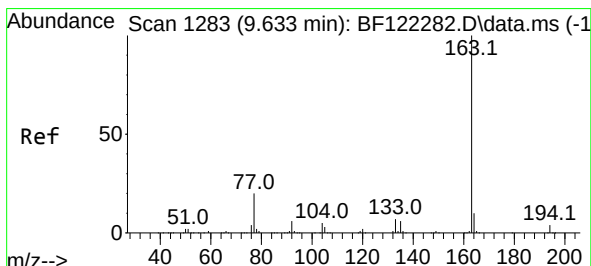
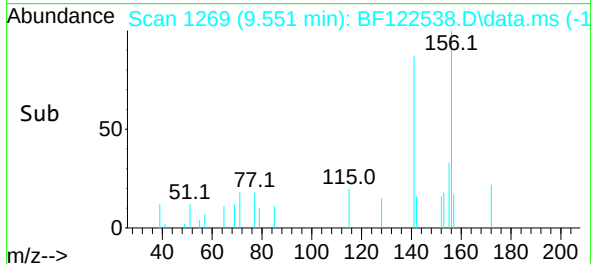
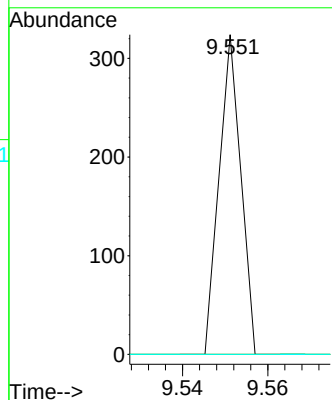
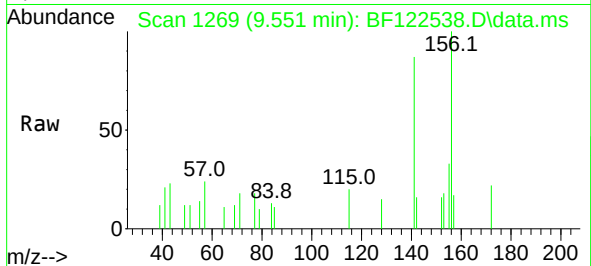




#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.106 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

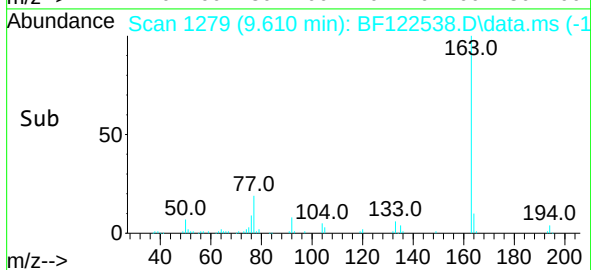
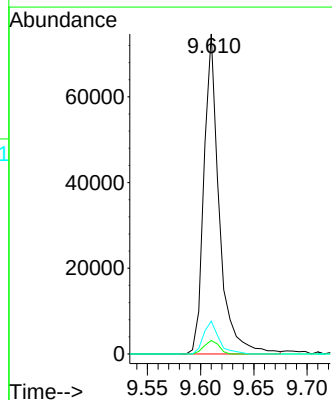
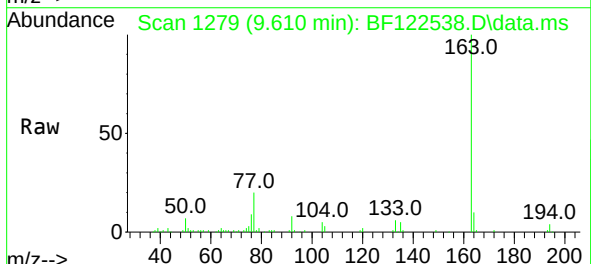
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

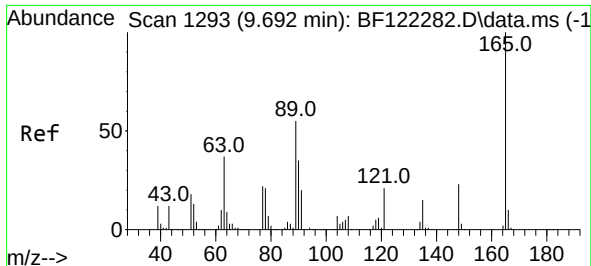
Tgt Ion: 65 Resp: 114
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.51 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion: 163 Resp: 74844
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.4

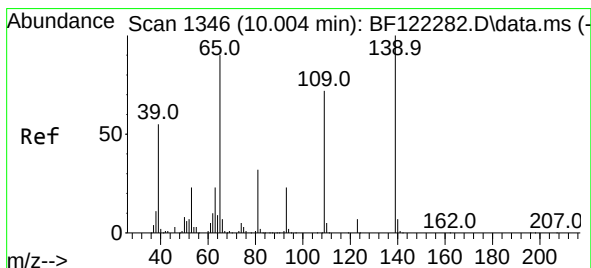
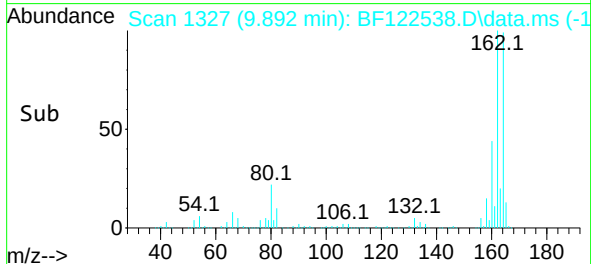
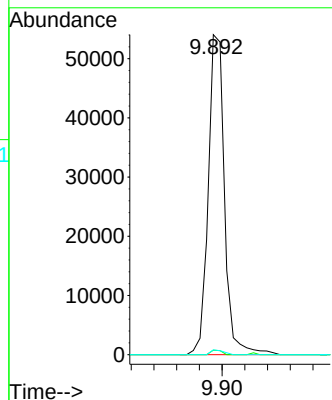
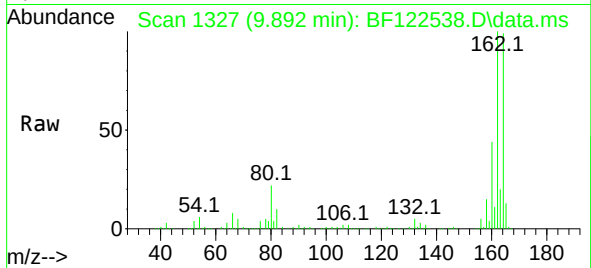




#51
2,6-Dinitrotoluene
Concen: 11.26 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

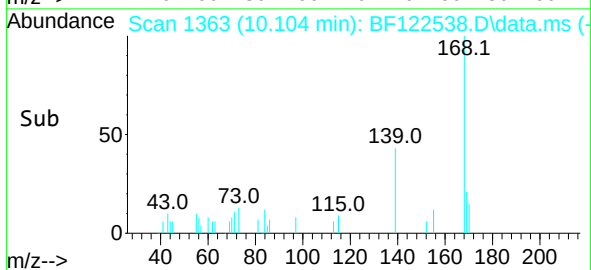
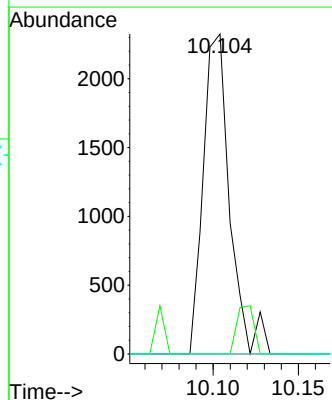
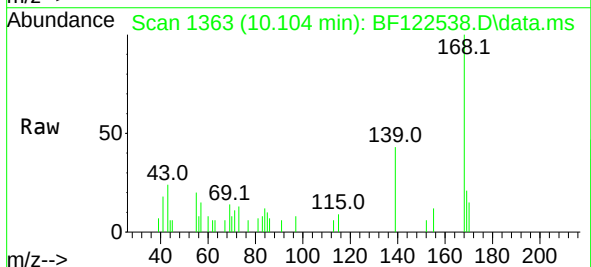
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

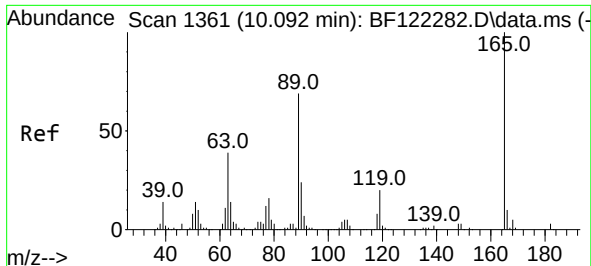
Tgt Ion:165 Resp: 53742
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.5 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.77 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.088 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

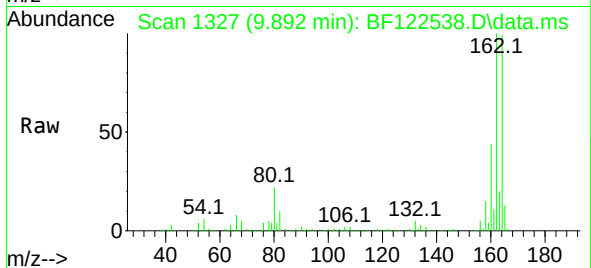
Tgt Ion:139 Resp: 2515
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



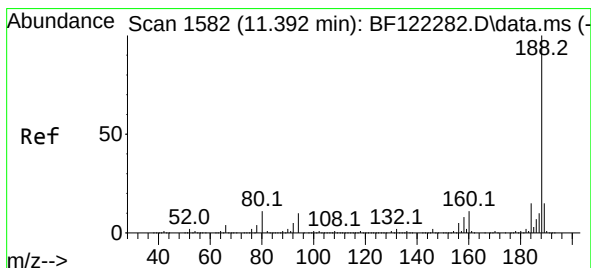
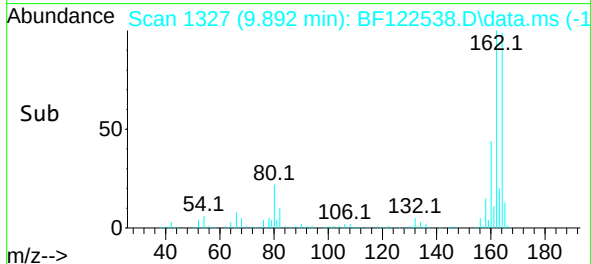
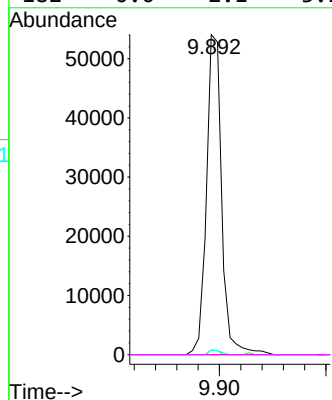


#57
2,4-Dinitrotoluene
Concen: 10.51 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

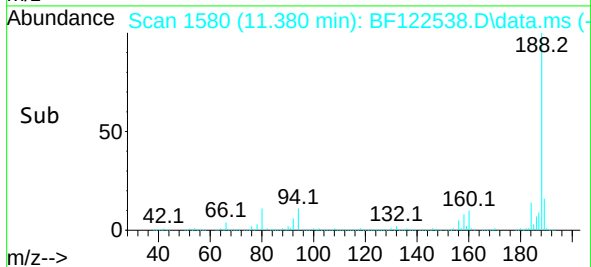
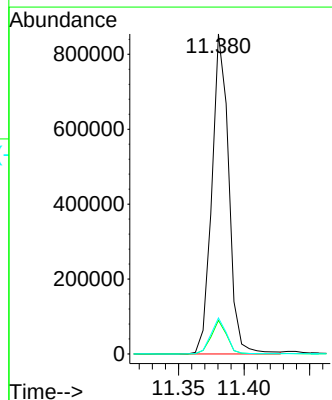
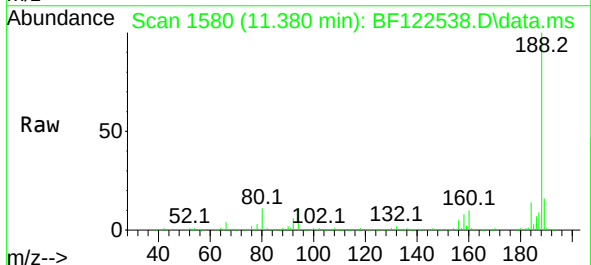


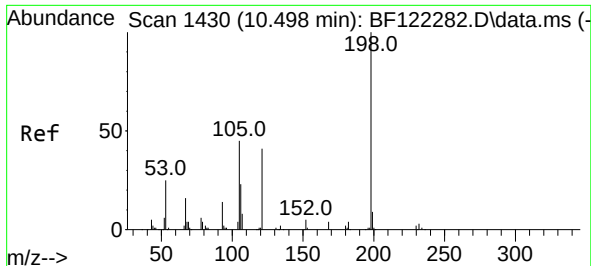
Tgt Ion:165 Resp: 53742
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:188 Resp: 765510
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7

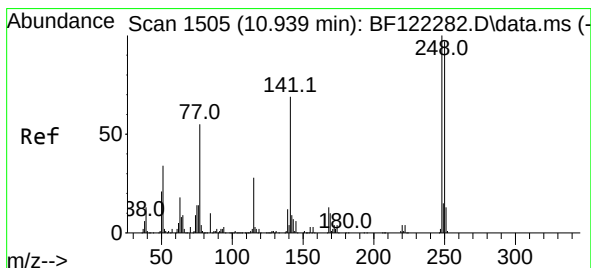
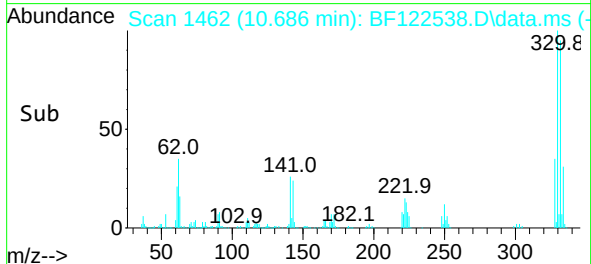
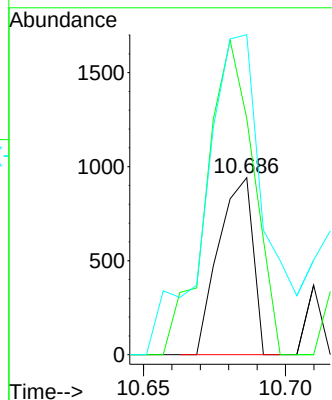
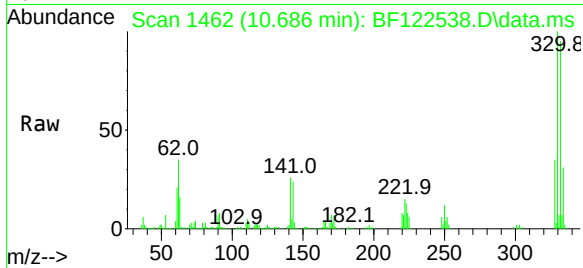




#65
4,6-Dinitro-2-methylphenol
Concen: 6.45 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

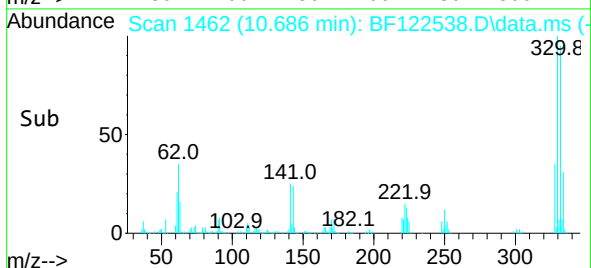
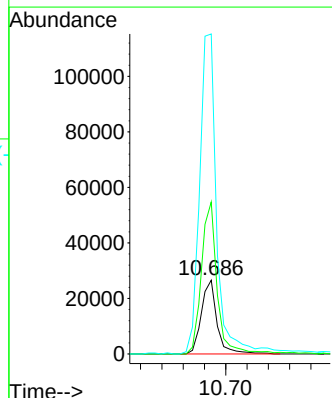
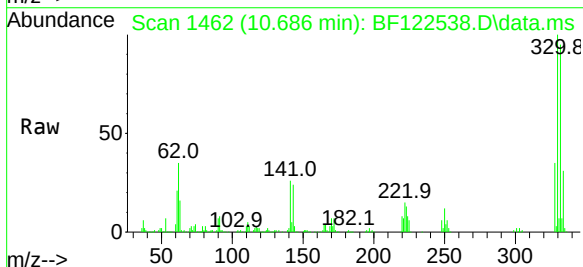
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

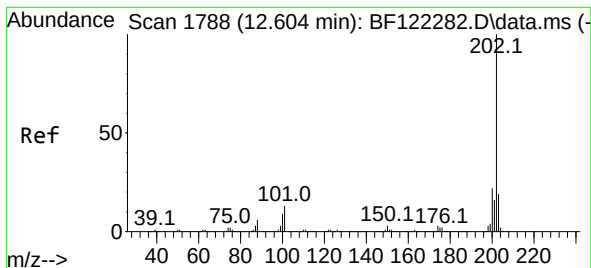
Tgt Ion:198 Resp: 791
Ion Ratio Lower Upper
198 100
51 133.6 29.6 69.6#
105 180.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:248 Resp: 27236
Ion Ratio Lower Upper
248 100
250 206.2 77.0 115.6#
141 434.0 53.7 80.5#

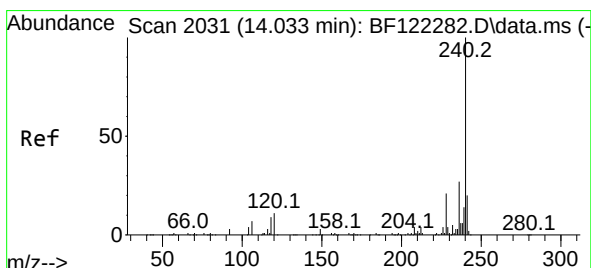
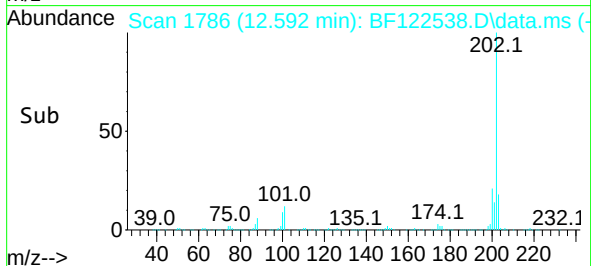
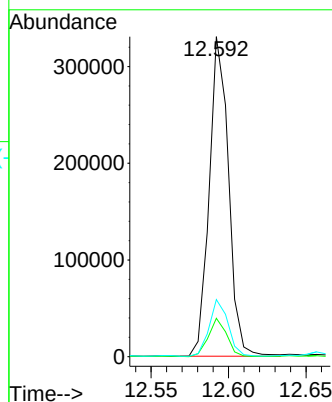
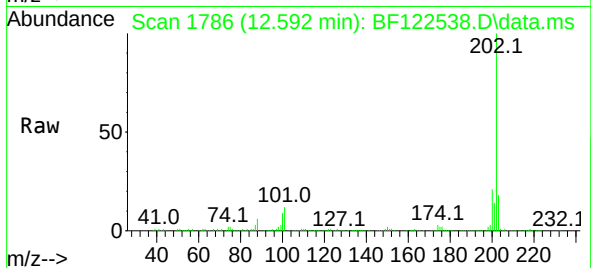




#75
Fluoranthene
Concen: 6.32 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

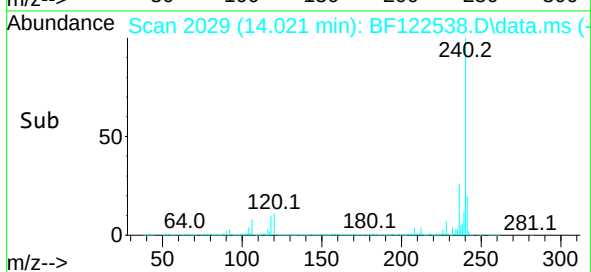
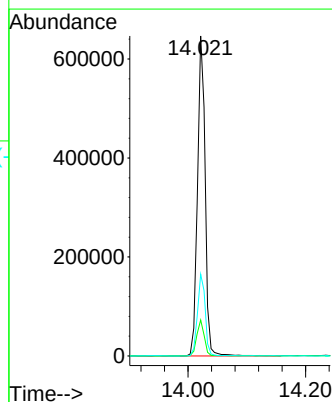
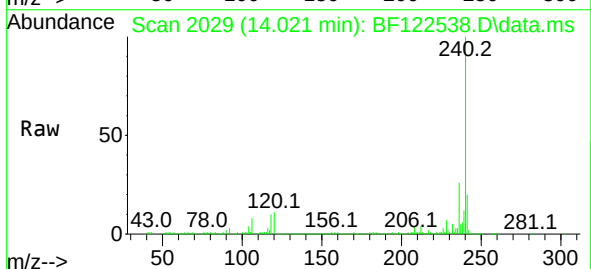
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

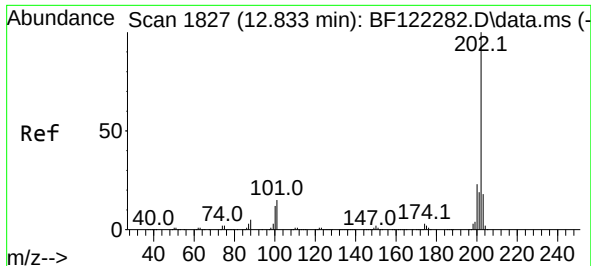
Tgt Ion:202 Resp: 286526
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:240 Resp: 588400
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.9 31.3

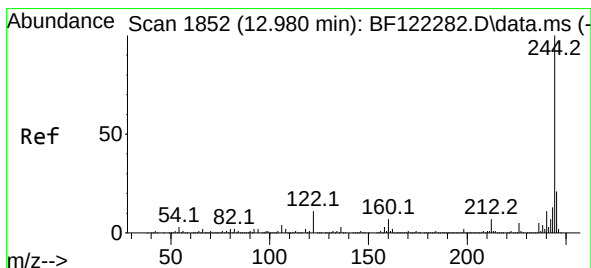
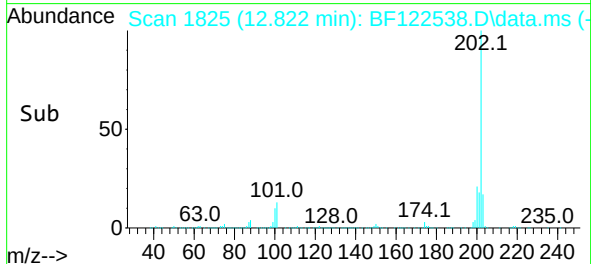
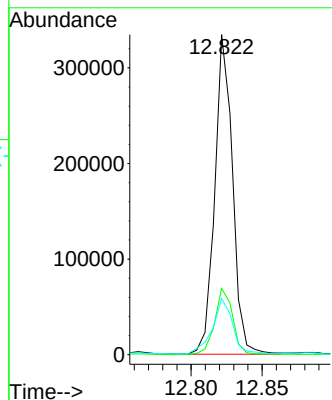
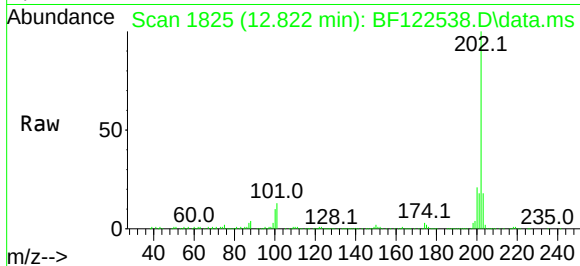




#78
Pyrene
Concen: 7.05 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

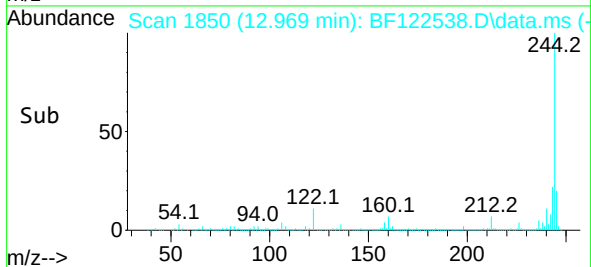
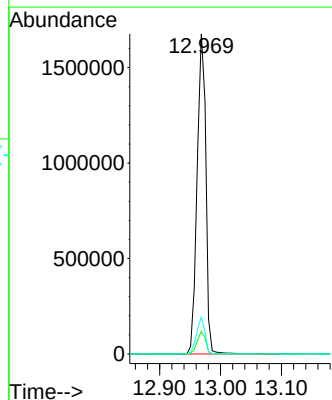
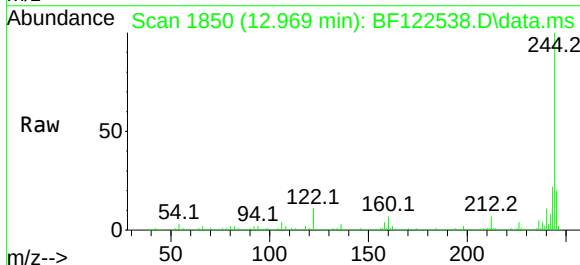
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

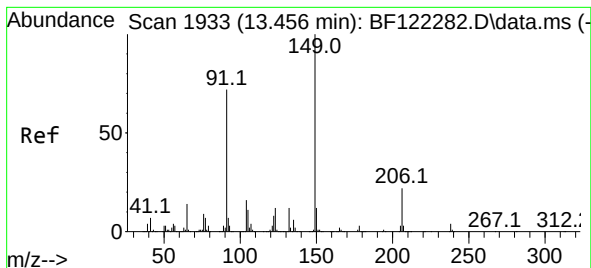
Tgt Ion:202 Resp: 291479
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 60.12 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:244 Resp: 1669718
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.5 8.1 12.1

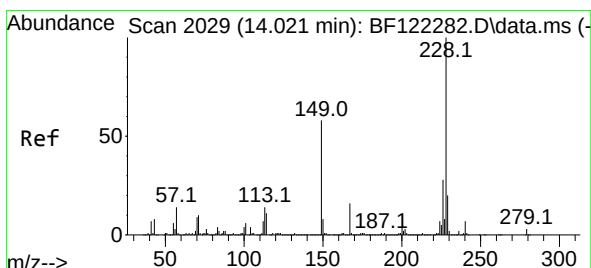
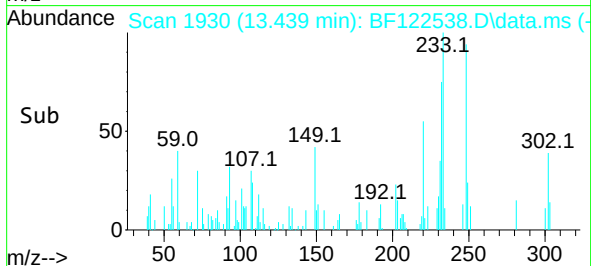
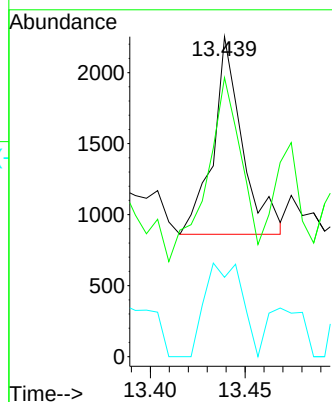
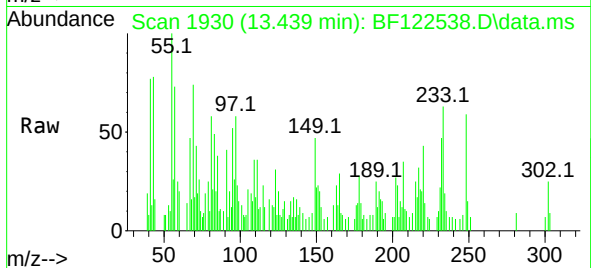




#80
Butylbenzylphthalate
Concen: 3.37 ng
RT: 13.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

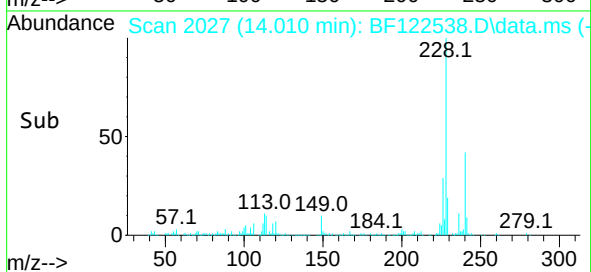
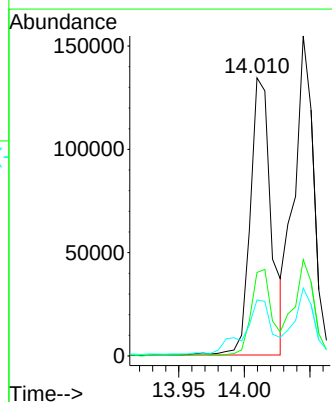
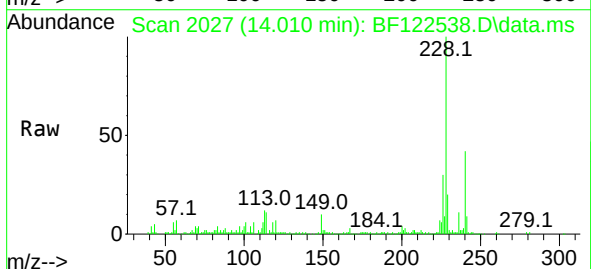
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

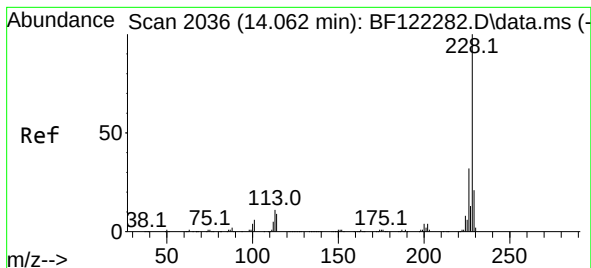
Tgt Ion:149 Resp: 1494
Ion Ratio Lower Upper
149 100
91 87.2 61.0 91.4
206 24.8 16.7 25.1



#81
Benzo(a)anthracene
Concen: 4.07 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:228 Resp: 149114
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 20.1 16.2 24.4





#83

Chrysene

Concen: 4.40 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.018 min

Lab File: BF122538.D

Acq: 3 Dec 2020 15:25

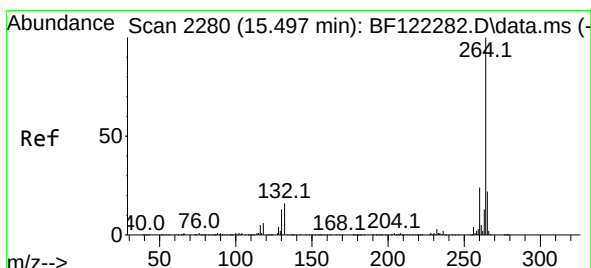
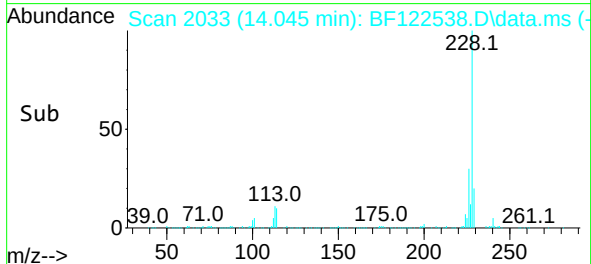
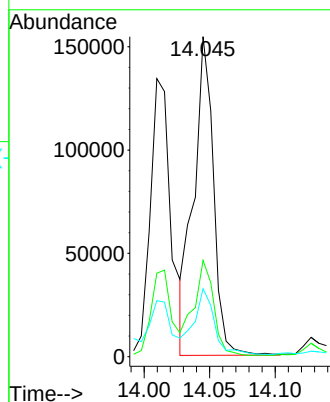
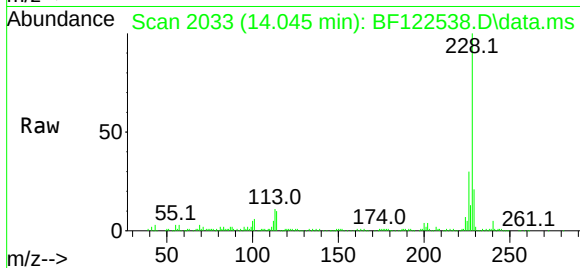
Tgt Ion:228 Resp: 162043

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 21.3 15.9 23.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.012 min

Lab File: BF122538.D

Acq: 3 Dec 2020 15:25

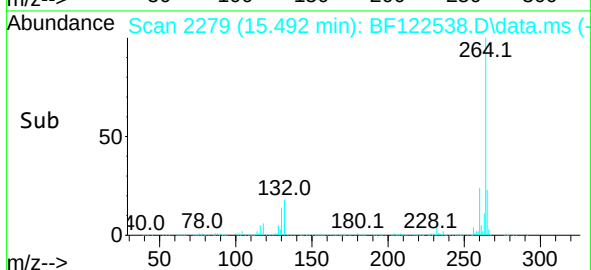
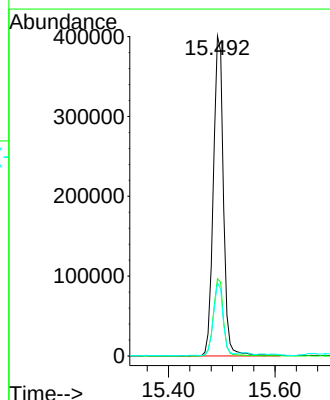
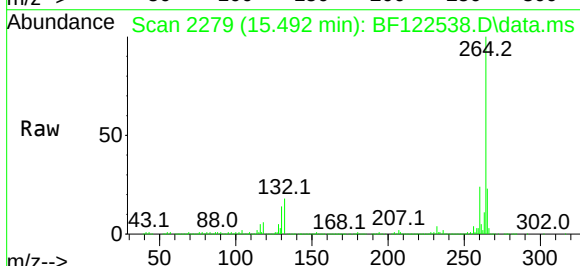
Tgt Ion:264 Resp: 527488

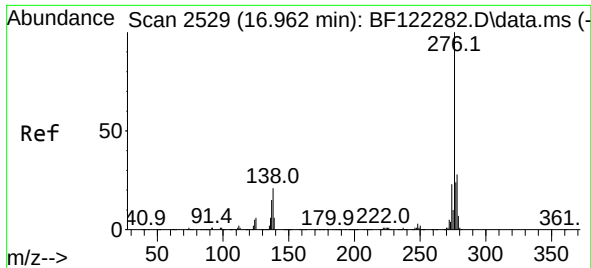
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 23.0 17.3 25.9

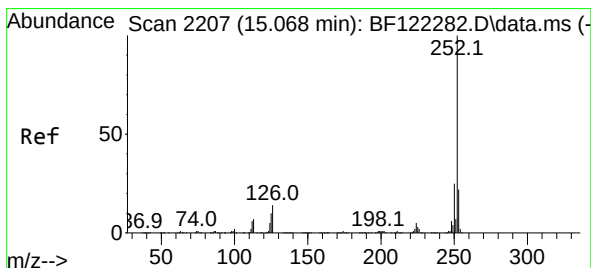
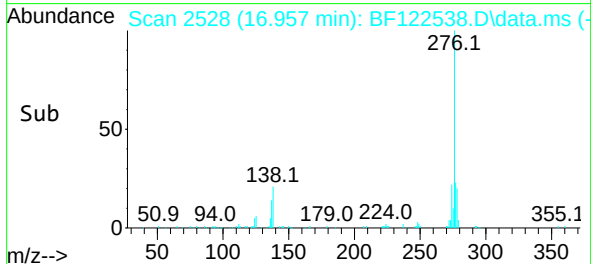
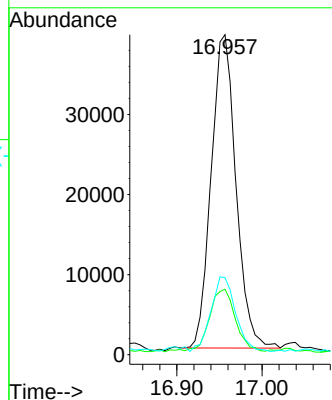
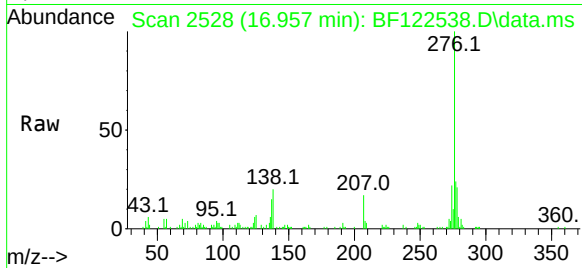




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng
RT: 16.957 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

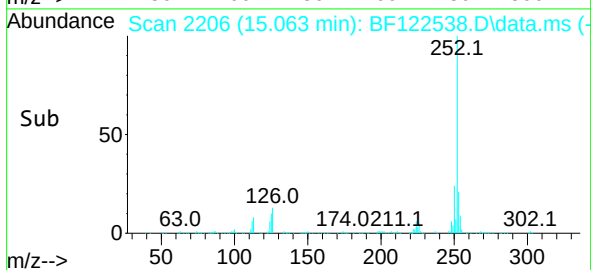
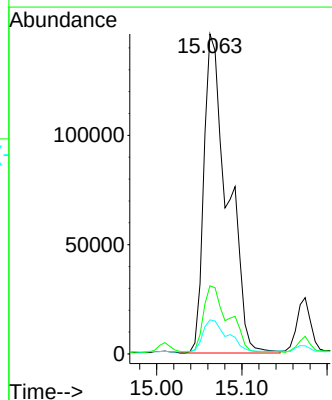
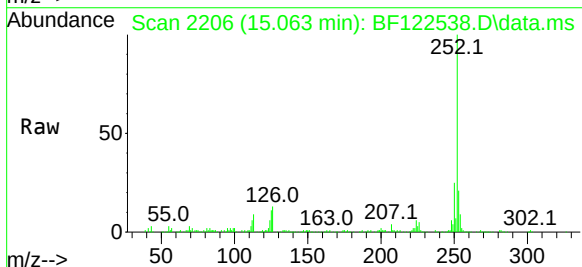
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

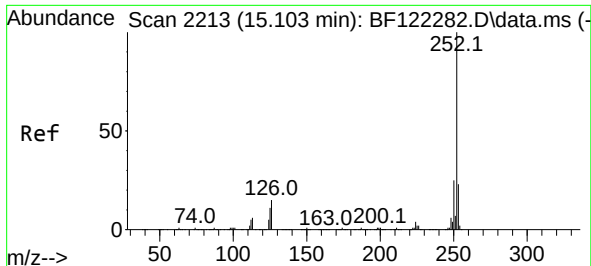
Tgt Ion:276 Resp: 79176
Ion Ratio Lower Upper
276 100
138 21.2 19.9 29.9
277 24.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 8.28 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:252 Resp: 282908
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 10.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 8.49 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.047 min

Lab File: BF122538.D

Acq: 3 Dec 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SK-12-1-SPC

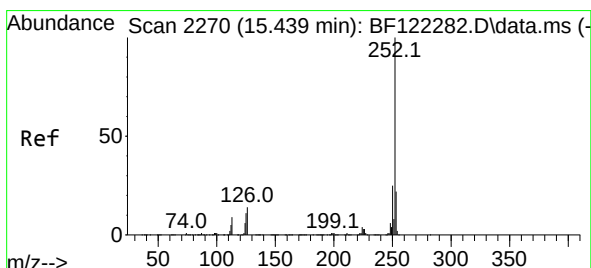
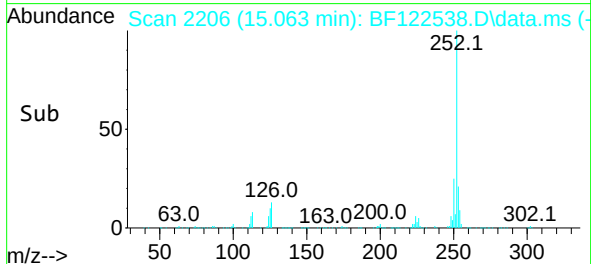
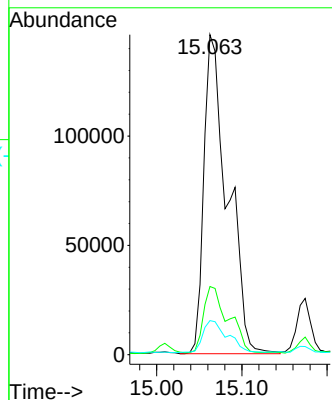
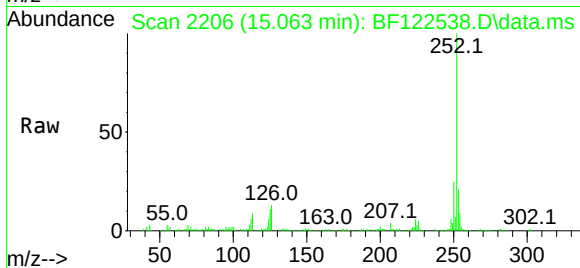
Tgt Ion:252 Resp: 282908

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 10.7 7.7 11.5



#90

Benzo(a)pyrene

Concen: 3.29 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.018 min

Lab File: BF122538.D

Acq: 3 Dec 2020 15:25

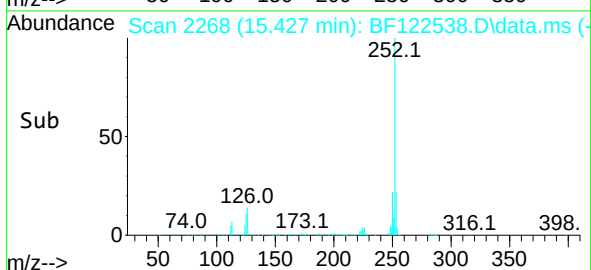
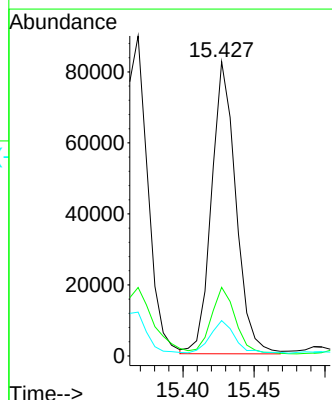
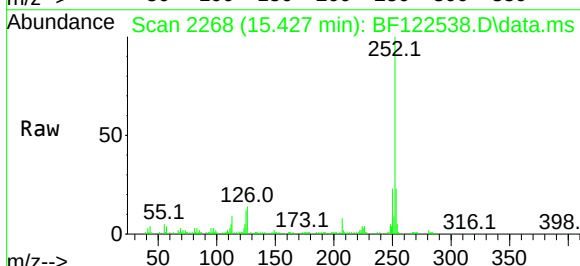
Tgt Ion:252 Resp: 98038

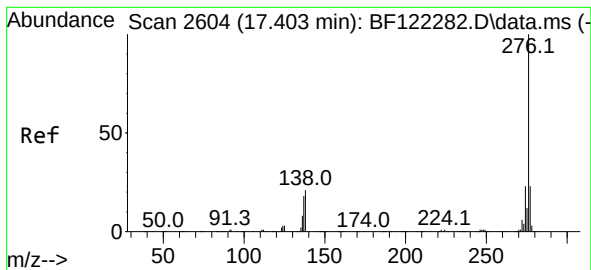
Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

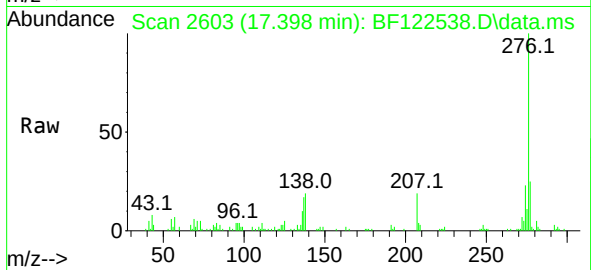
125 12.0 8.6 13.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.02 ng
 RT: 17.398 min Scan# 2603
 Delta R.T. -0.024 min
 Lab File: BF122538.D
 Acq: 3 Dec 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPC



Tgt Ion:	276	Resp:	77745
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	18.7	17.8	26.6

