

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122526.D
 Acq On : 1 Dec 2020 17:28
 Operator : JU/CG
 Sample : L4909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Quant Time: Dec 01 17:53:01 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)

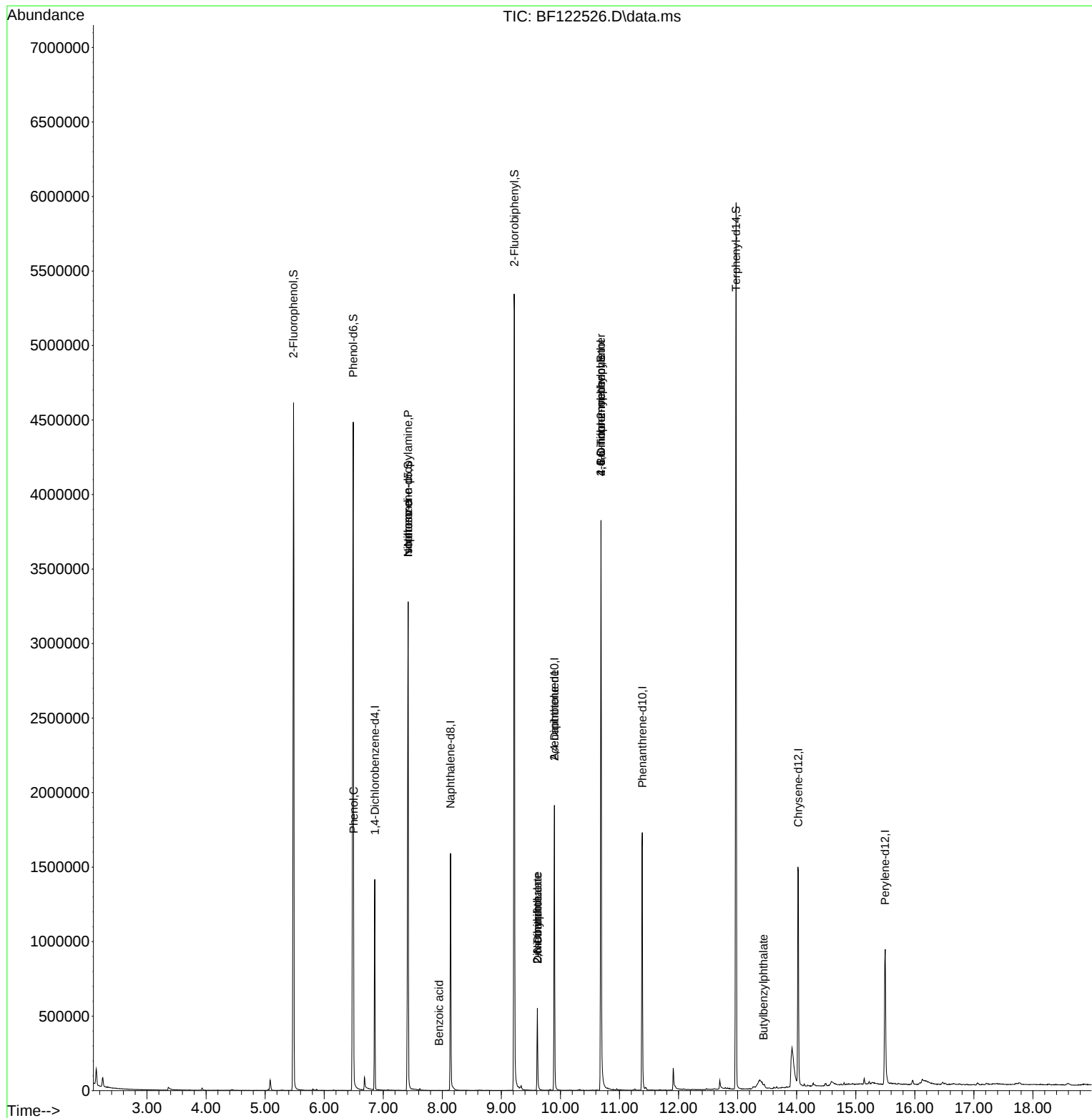
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	193305	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	744270	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	386514	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	713298	20.00	ng	0.00
76) Chrysene-d12	14.027	240	563650	20.00	ng	0.00
86) Perylene-d12	15.498	264	483273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1454686	115.55	ng	0.00
7) Phenol-d6	6.492	99	1810141	109.91	ng	0.00
23) Nitrobenzene-d5	7.422	82	1147417	94.38	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	542016	130.66	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1923214	77.74	ng	0.00
79) Terphenyl-d14	12.974	244	1932049	72.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	2946	Below Cal	#	3
10) Phenol	6.498	94	52196	3.22	ng	92
19) n-Nitroso-di-n-propyla...	7.422	70	155344	15.78	ng	# 73
25) Isophorone	7.422	82	1134342	41.85	ng	# 67
32) Benzoic acid	7.945	122	108	7.97	ng	# 1
48) 2-Nitroaniline	9.610	65	2047	5.42	ng	# 1
50) Dimethylphthalate	9.610	163	239818	8.73	ng	99
51) 2,6-Dinitrotoluene	9.610	165	2204	4.15	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	49436	10.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1045	6.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	33735	4.02	ng	# 1
80) Butylbenzylphthalate	13.439	149	981	3.35	ng	# 60

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

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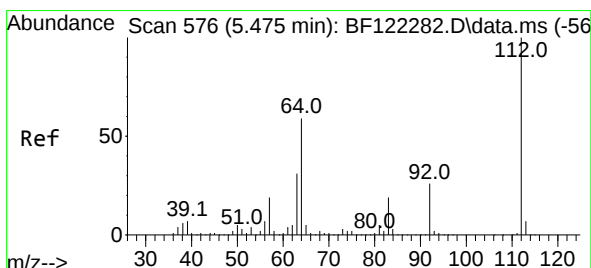
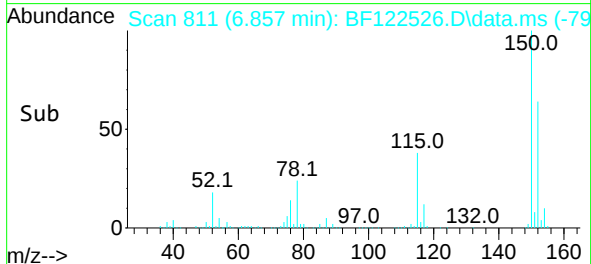
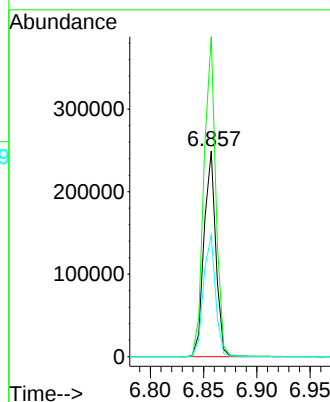
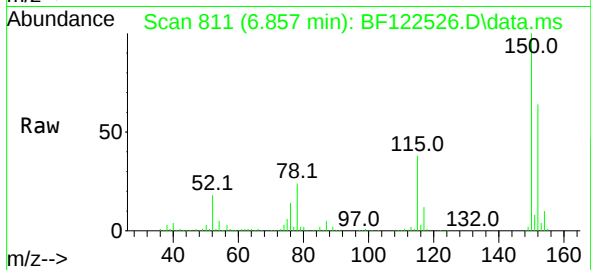




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

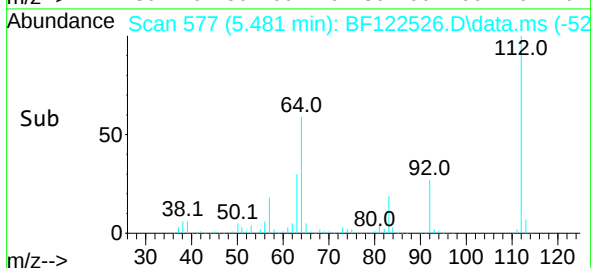
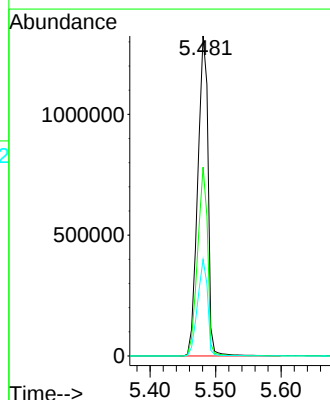
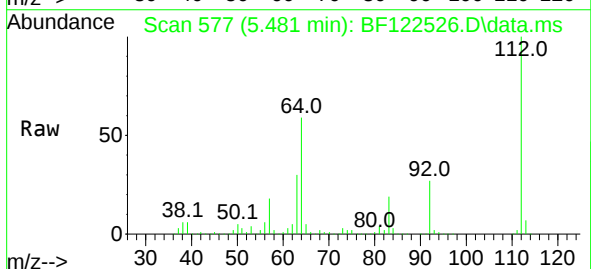
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BNA_F
ClientSampleId :
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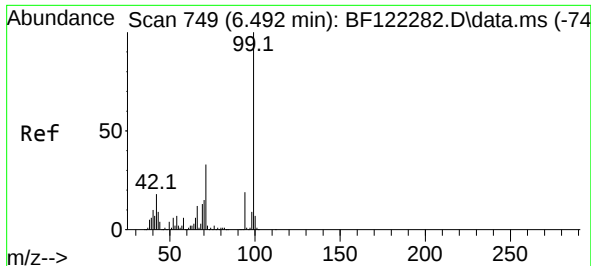
Tgt Ion:152 Resp: 193305
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 59.1 51.9 77.9



#5
2-Fluorophenol
Concen: 115.55 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion:112 Resp: 1454686
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 30.2 25.8 38.6

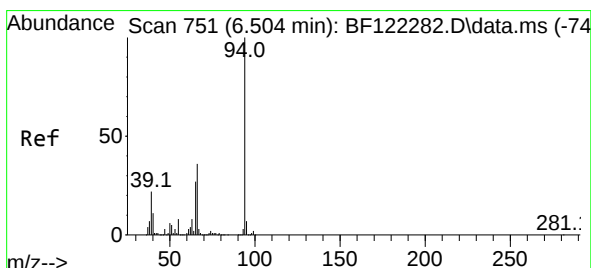
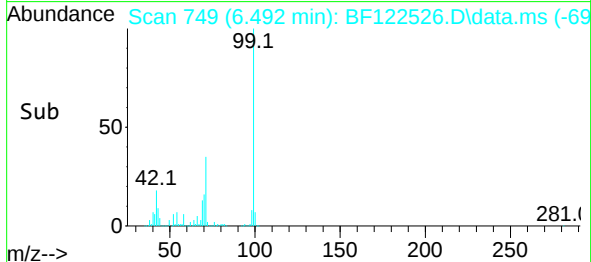
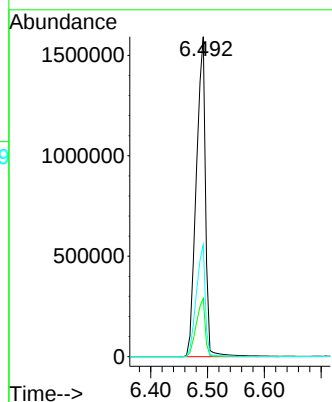
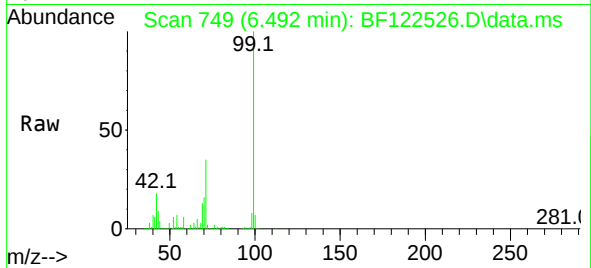




#7
Phenol-d6
Concen: 109.91 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

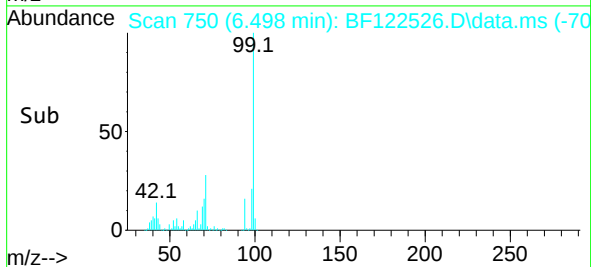
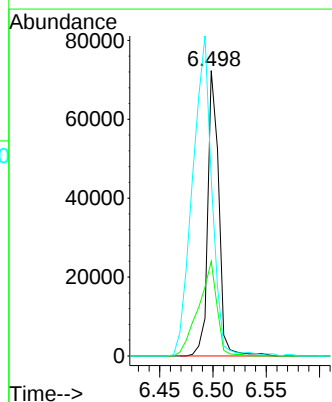
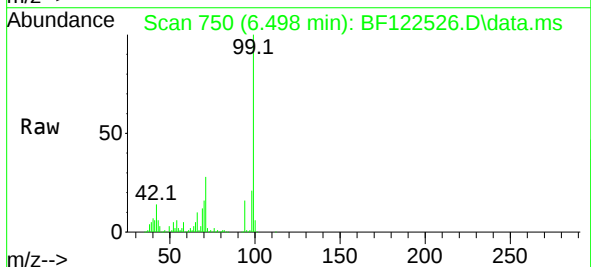
Instrument :
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ClientSampleId :
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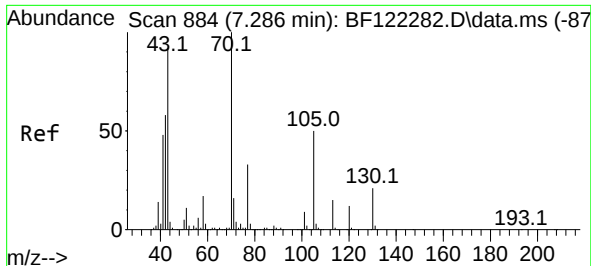
Tgt Ion: 99 Resp: 1810141
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 35.0 27.1 40.7



#10
Phenol
Concen: 3.22 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

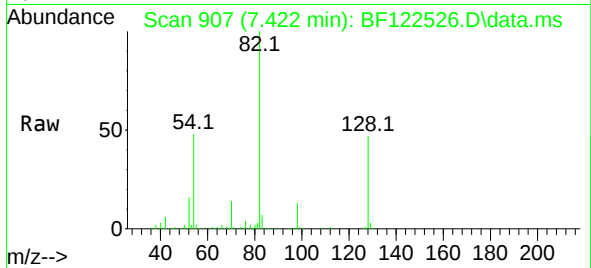
Tgt Ion: 94 Resp: 52196
Ion Ratio Lower Upper
94 100
65 33.2 17.1 57.1
66 62.0 36.0 76.0



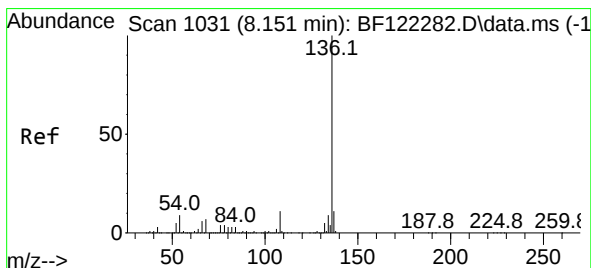
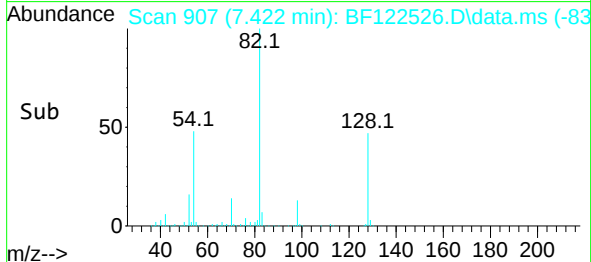
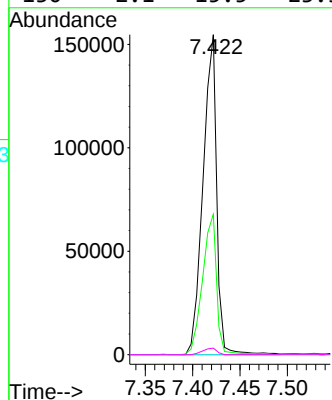


#19
n-Nitroso-di-n-propylamine
Concen: 15.78 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

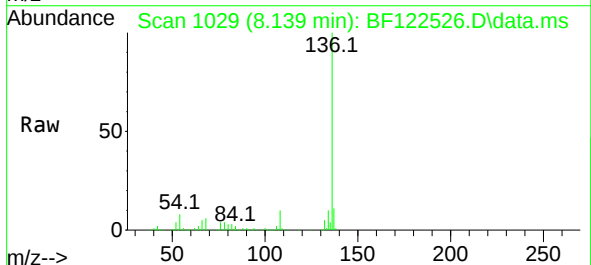
Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-



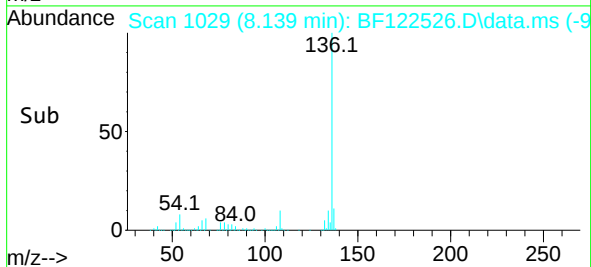
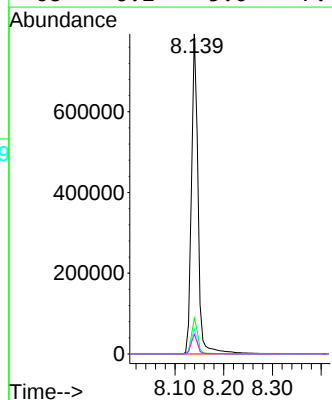
Tgt Ion: 70 Resp: 155344
Ion Ratio Lower Upper
70 100
42 43.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

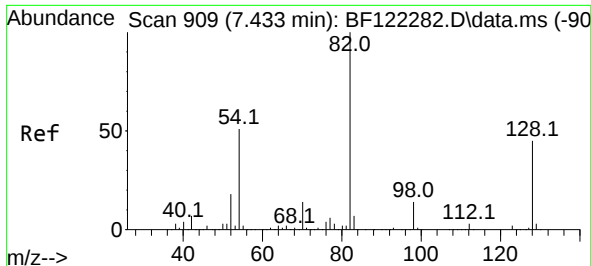


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28



Tgt Ion: 136 Resp: 744270
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.8 7.1 10.7
68 6.2 5.0 7.4



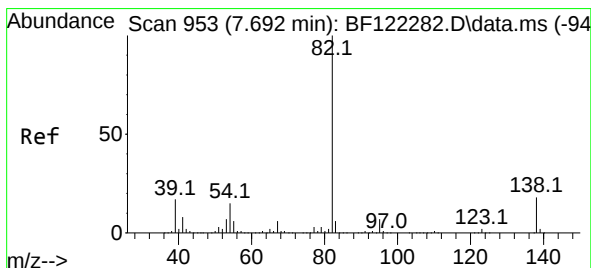
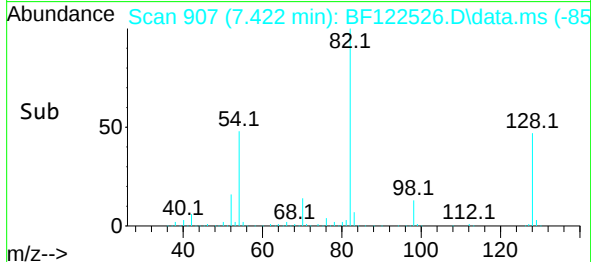
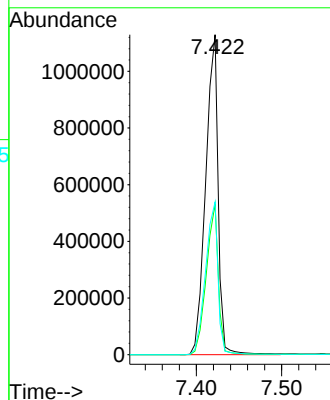
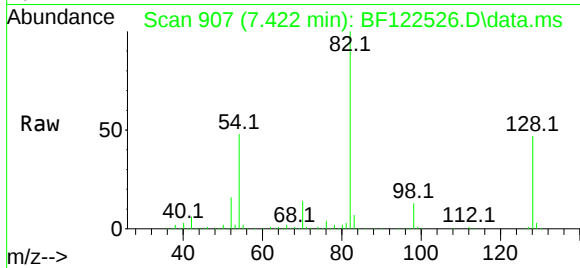


#23
Nitrobenzene-d5
Concen: 94.38 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tgt Ion: 82 Resp: 1147417

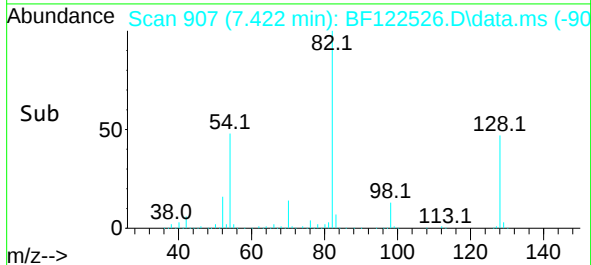
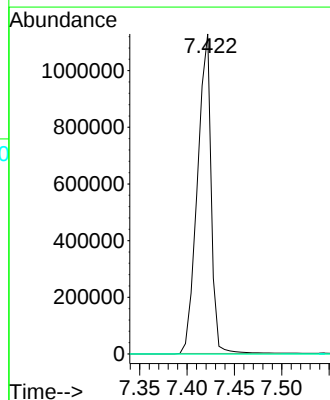
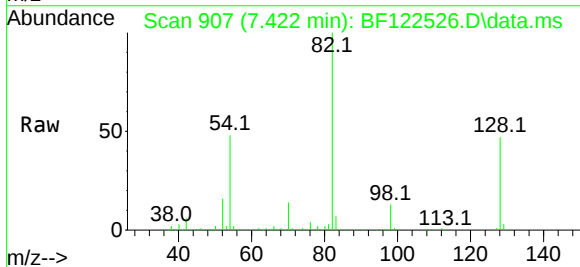
Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.4
54	47.7	43.9	65.9

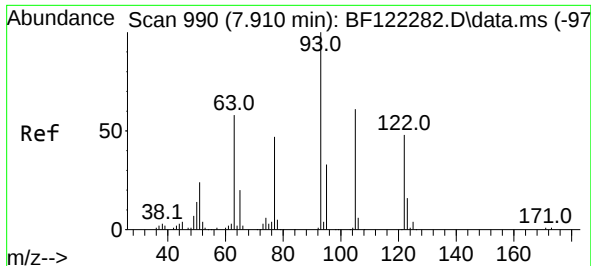


#25
Isophorone
Concen: 41.85 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion: 82 Resp: 1134342

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

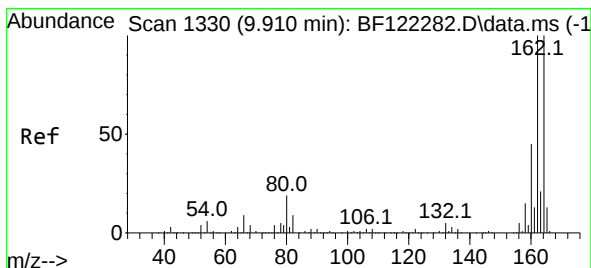
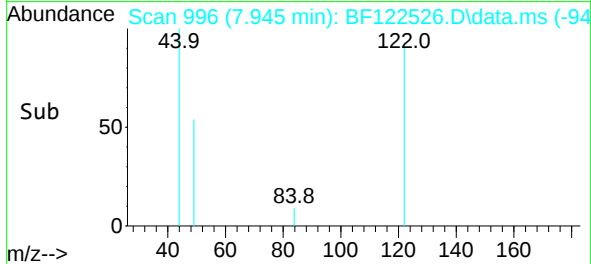
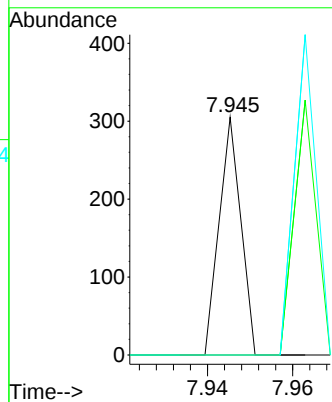
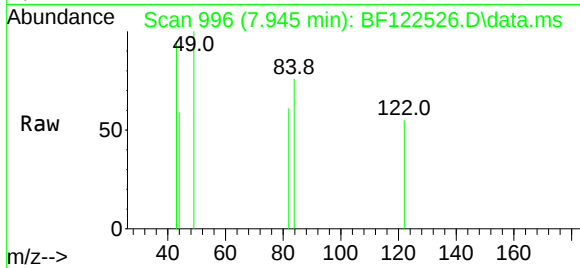




#32
Benzoic acid
Concen: 7.97 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

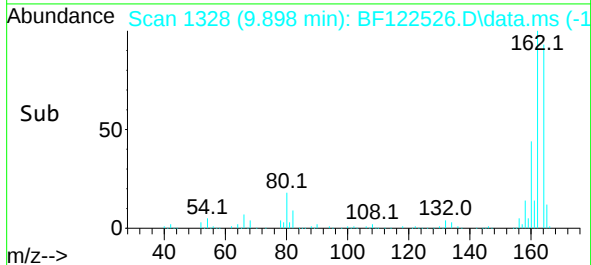
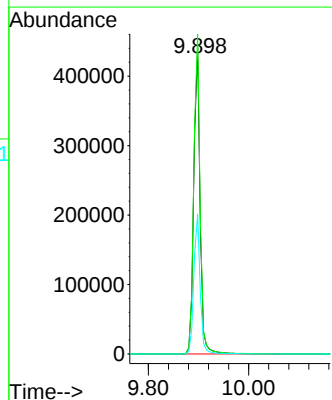
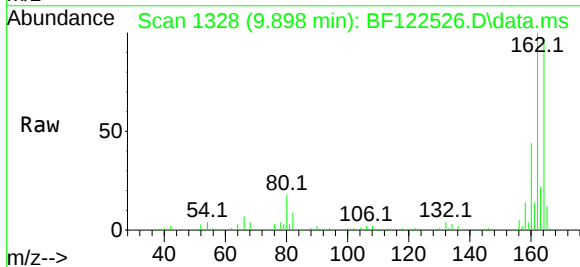
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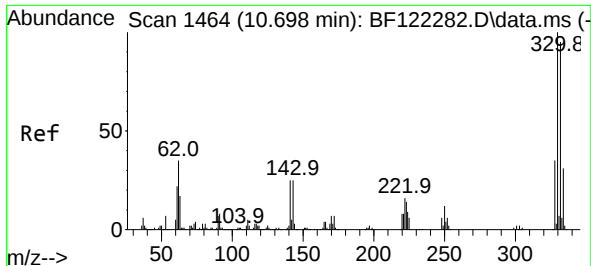
Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion:164 Resp: 386514
Ion Ratio Lower Upper
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162 104.4 83.2 124.8
160 45.7 37.5 56.3

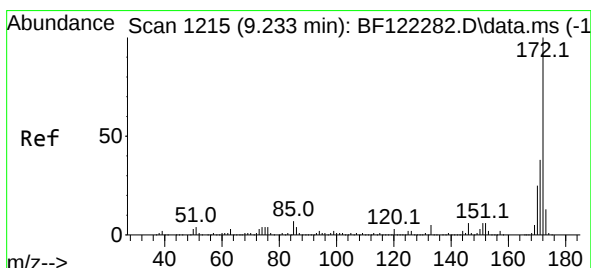
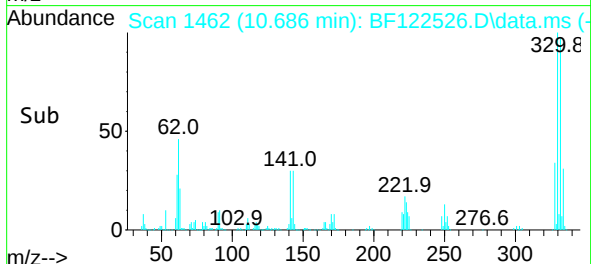
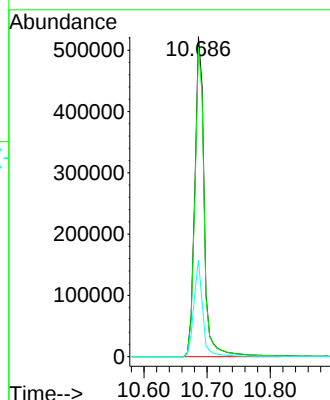
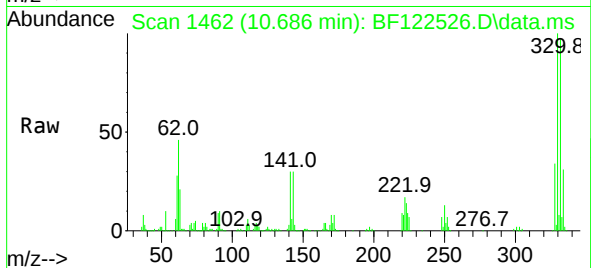




#42
 2,4,6-Tribromophenol
 Concen: 130.66 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF122526.D
 Acq: 1 Dec 2020 17:28

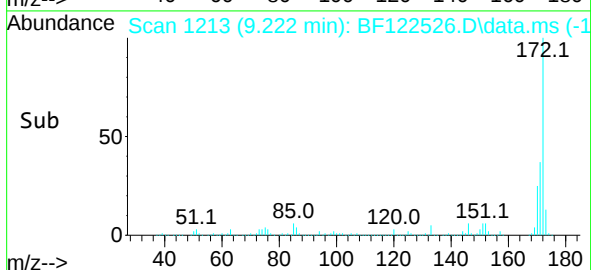
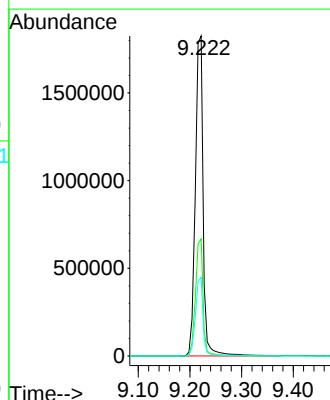
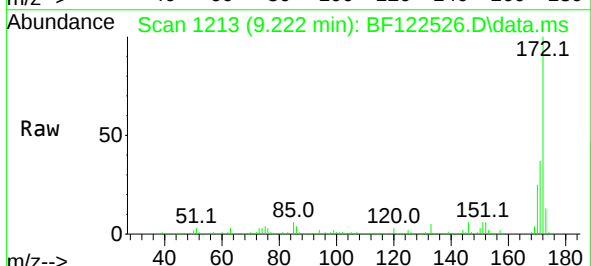
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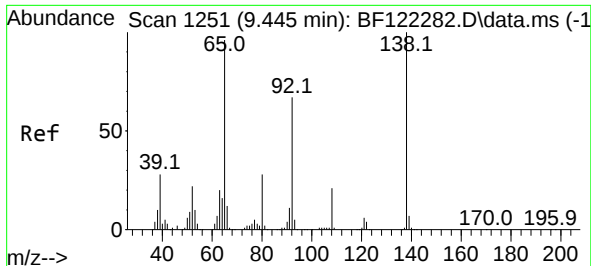
Tgt Ion: 330 Resp: 542016
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 29.0 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 77.74 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: BF122526.D
 Acq: 1 Dec 2020 17:28

Tgt Ion: 172 Resp: 1923214
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.6 19.8 29.6

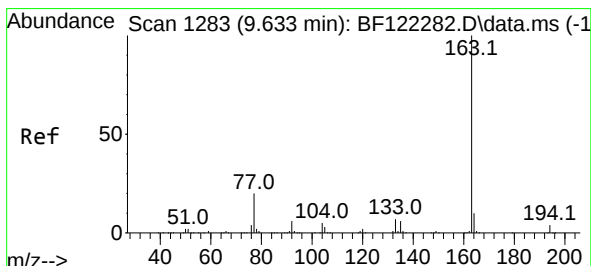
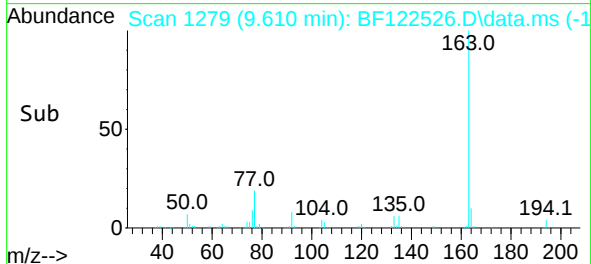
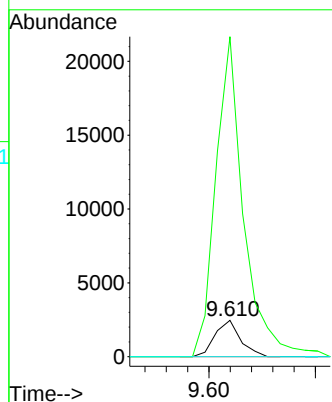
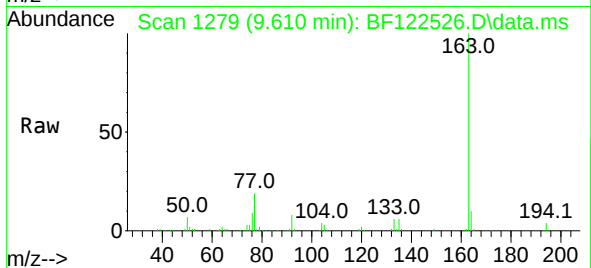




#48
2-Nitroaniline
Concen: 5.42 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.165 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

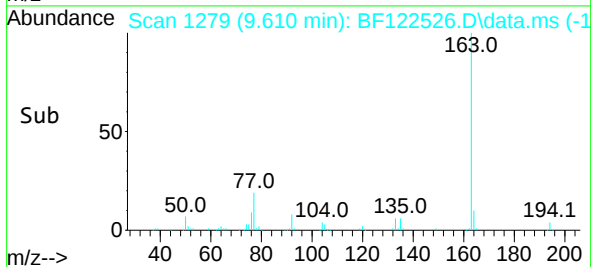
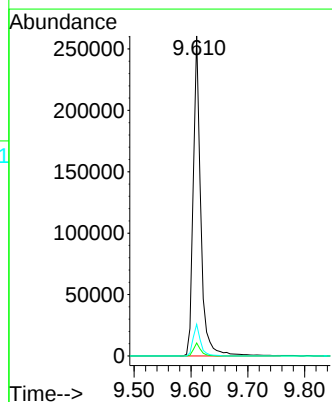
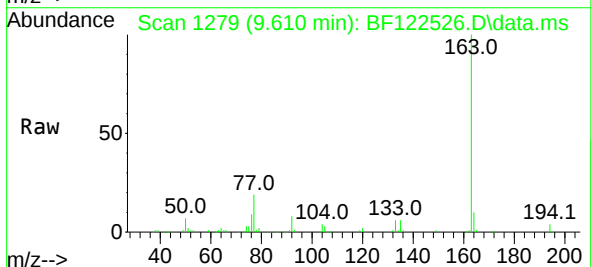
Instrument :
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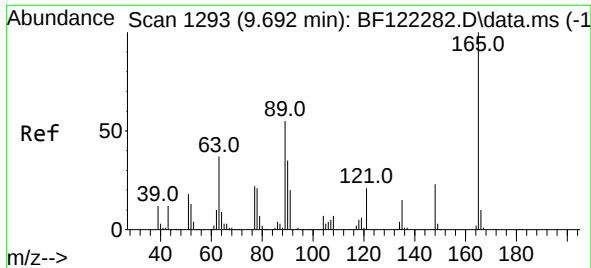
Tgt Ion: 65 Resp: 2047
Ion Ratio Lower Upper
65 100
92 881.7 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 8.73 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion: 163 Resp: 239818
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.4

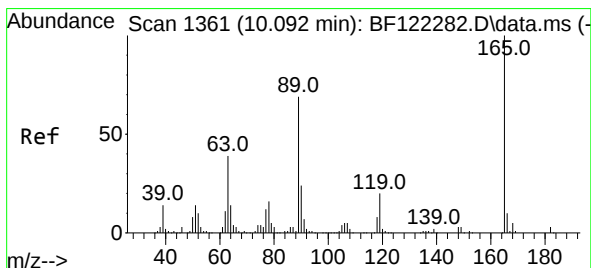
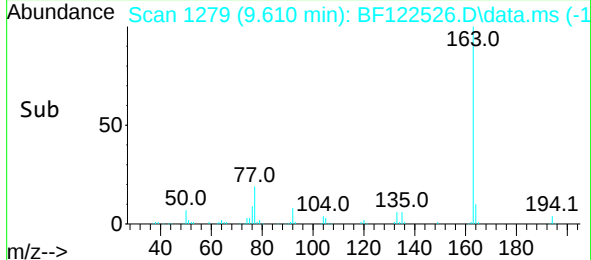
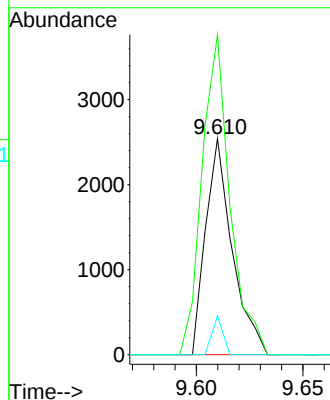
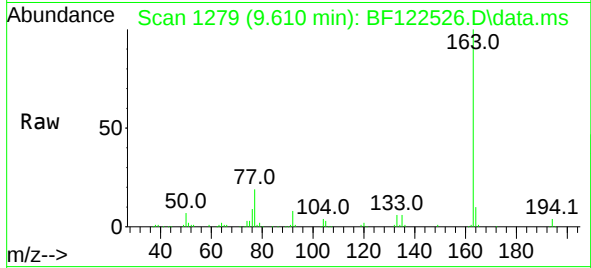




#51
2,6-Dinitrotoluene
Concen: 4.15 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.077 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

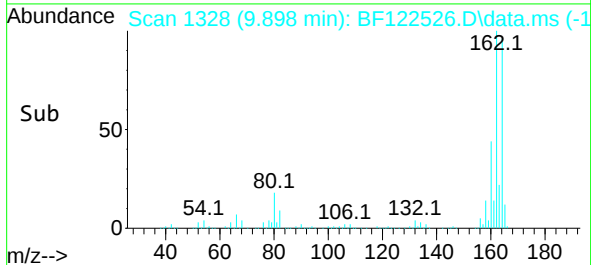
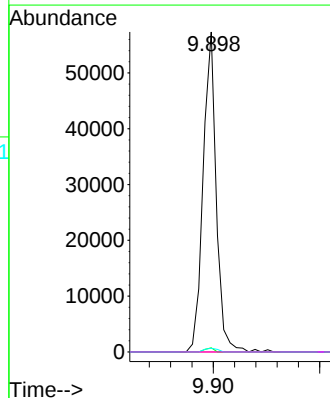
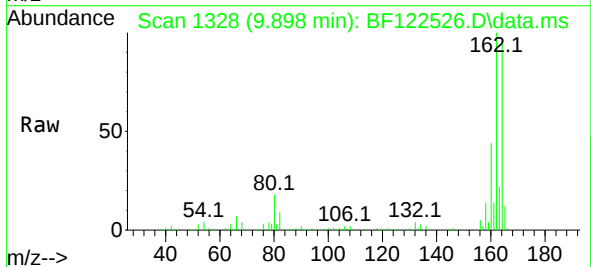
Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

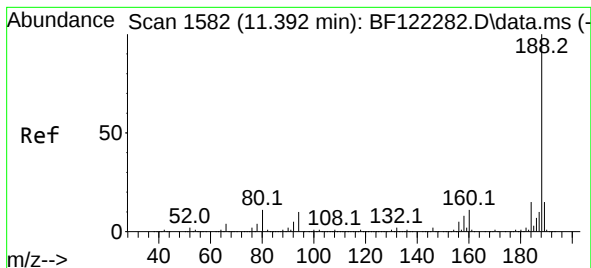
Tgt Ion:165 Resp: 2204
Ion Ratio Lower Upper
165 100
63 148.1 51.8 77.6#
89 18.0 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion:165 Resp: 49436
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

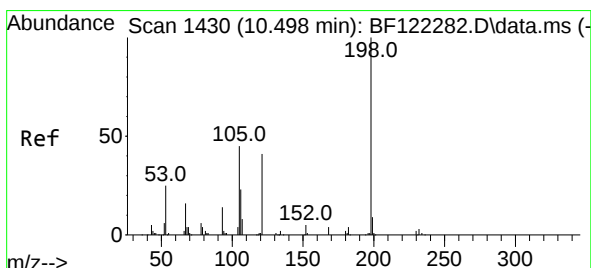
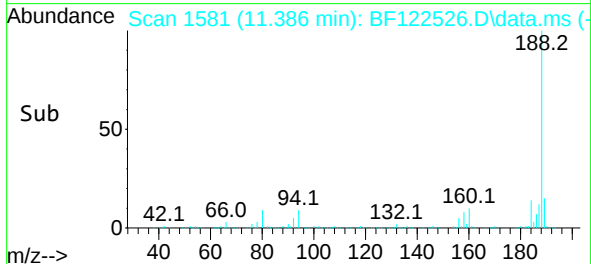
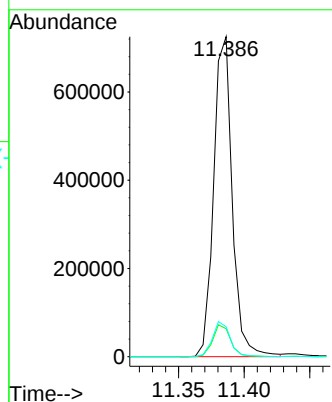
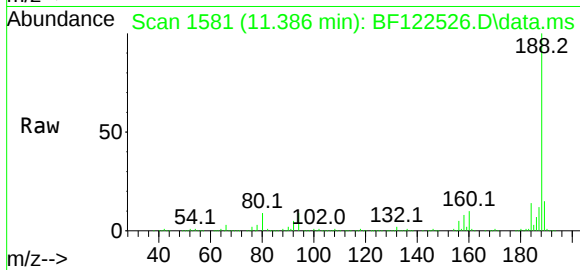




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

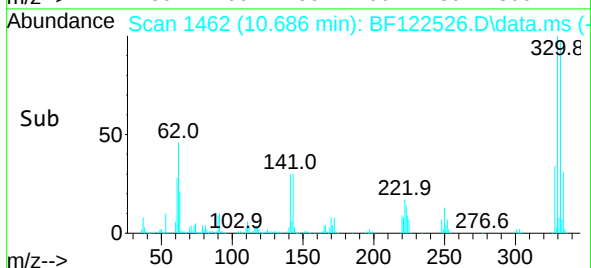
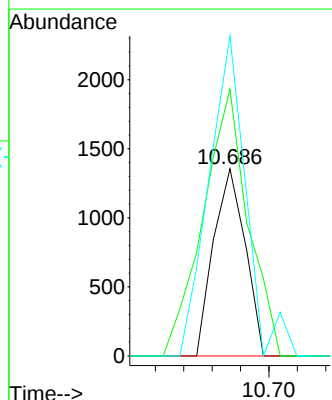
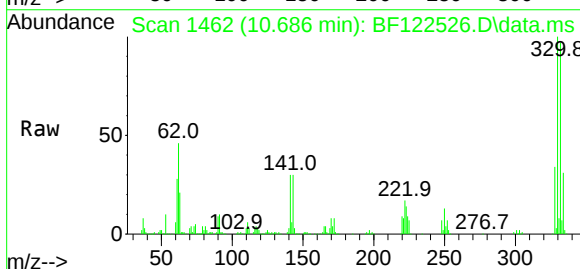
Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

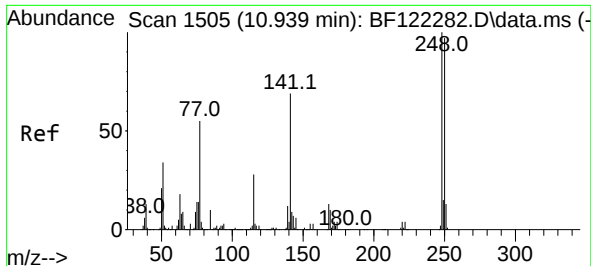
Tgt Ion:188 Resp: 713298
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

Tgt Ion:198 Resp: 1045
Ion Ratio Lower Upper
198 100
51 142.6 29.6 69.6#
105 171.0 24.4 64.4#

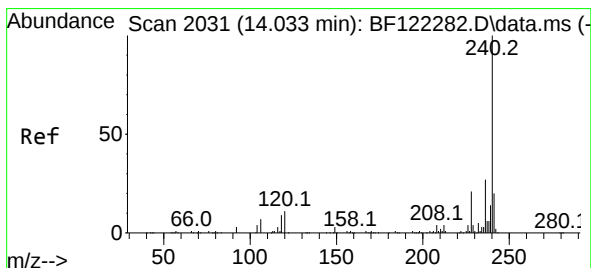
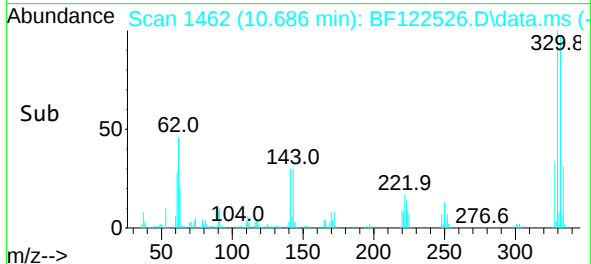
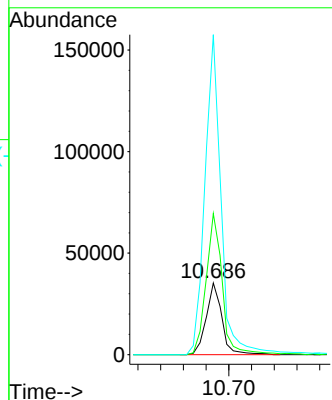
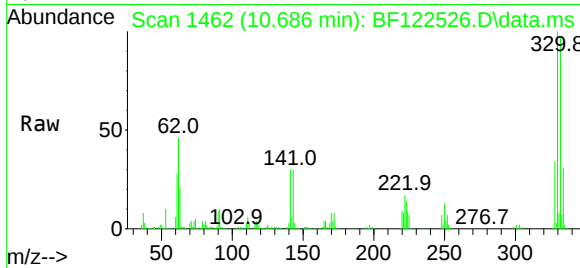




#67
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

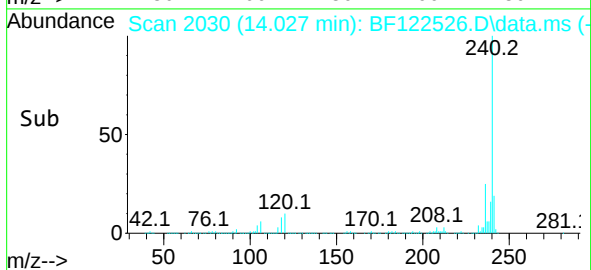
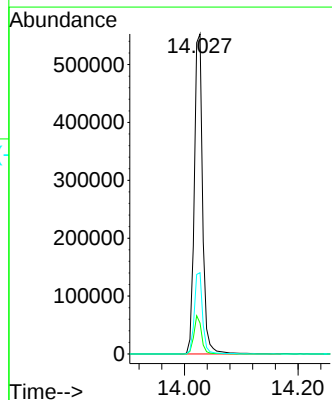
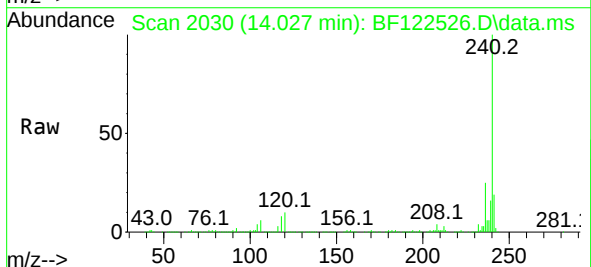
Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

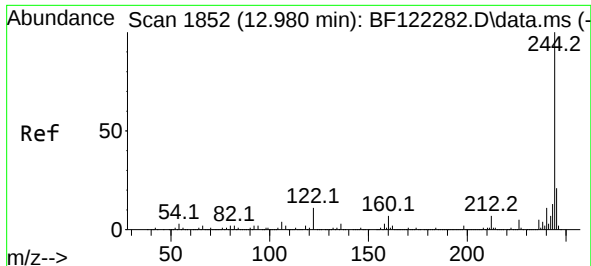
Tgt Ion:248 Resp: 33735
Ion Ratio Lower Upper
248 100
250 196.7 77.0 115.6#
141 446.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122526.D
Acq: 1 Dec 2020 17:28

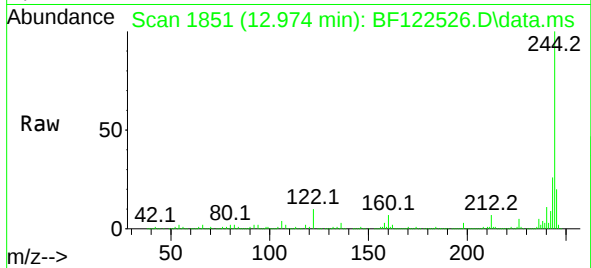
Tgt Ion:240 Resp: 563650
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.4 20.9 31.3



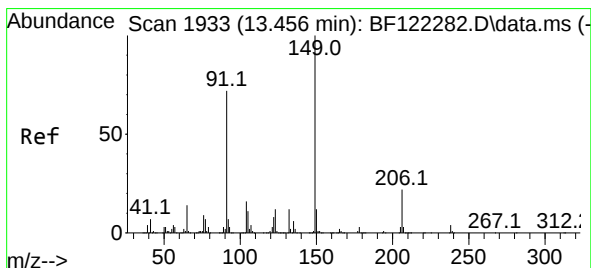
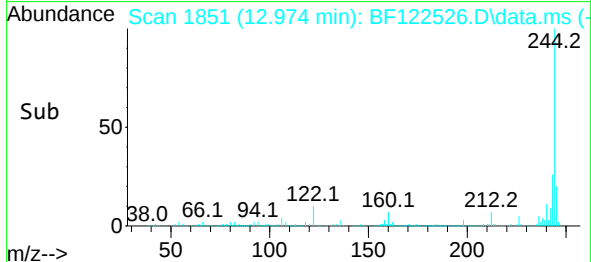
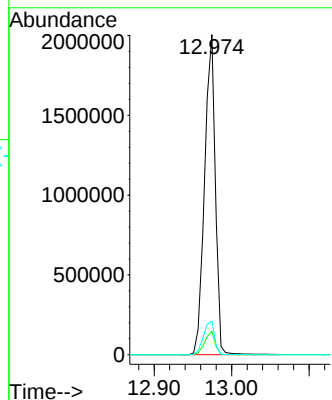


#79
 Terphenyl-d14
 Concen: 72.62 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122526.D
 Acq: 1 Dec 2020 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

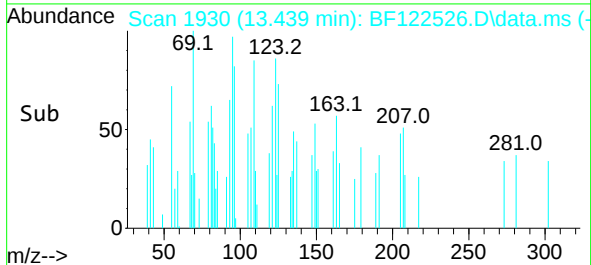
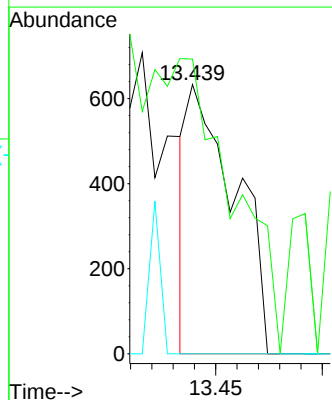
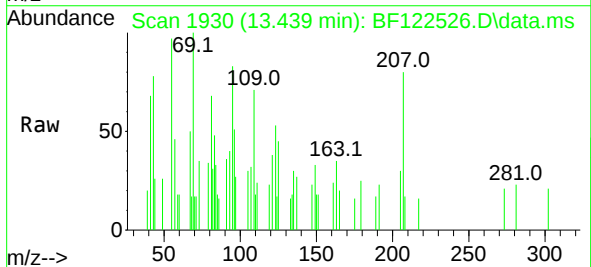


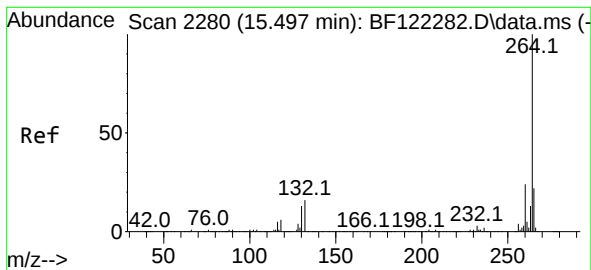
Tgt Ion:244 Resp: 1932049
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.35 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BF122526.D
 Acq: 1 Dec 2020 17:28

Tgt Ion:149 Resp: 981
 Ion Ratio Lower Upper
 149 100
 91 109.5 61.0 91.4#
 206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF122526.D
 Acq: 1 Dec 2020 17:28

Instrument :
 BNA_F
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Tgt Ion:264 Resp: 483273
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.3 17.3 25.9

