

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122482.D
 Acq On : 25 Nov 2020 13:49
 Operator : JU/CG
 Sample : L4885-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-112420

Quant Time: Nov 25 14:21:14 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)

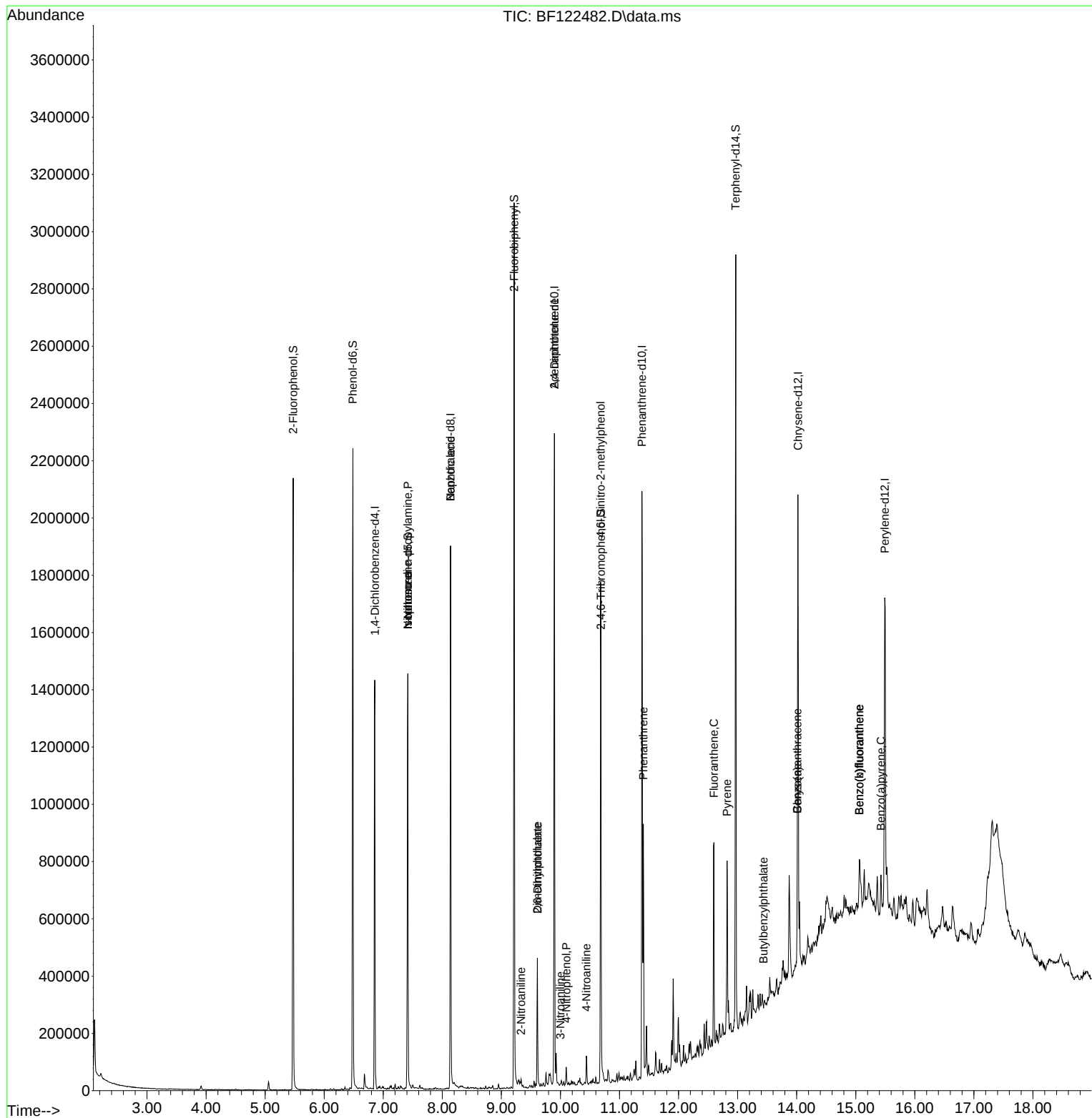
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	214052	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	822835	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	442443	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	754823	20.00	ng	0.00
76) Chrysene-d12	14.021	240	514424	20.00	ng	-0.01
86) Perylene-d12	15.492	264	547464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	585000	41.97	ng	0.00
7) Phenol-d6	6.487	99	728069	39.92	ng	-0.01
23) Nitrobenzene-d5	7.416	82	457007	34.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	224296	47.23	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	899614	31.77	ng	0.00
79) Terphenyl-d14	12.968	244	819447	33.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1088	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.416	70	61026	5.60	ng	# 73
25) Isophorone	7.416	82	449392	15.00	ng	# 67
32) Benzoic acid	8.139	122	127	7.97	ng	# 1
48) 2-Nitroaniline	9.333	65	288	5.20	ng	# 6
50) Dimethylphthalate	9.610	163	175542	5.58	ng	98
51) 2,6-Dinitrotoluene	9.610	165	1961	4.07	ng	# 32
53) 3-Nitroaniline	9.998	138	110	3.57	ng	# 1
56) 4-Nitrophenol	10.098	139	6159	6.24	ng	# 13
57) 2,4-Dinitrotoluene	9.898	165	59371	10.79	ng	# 20
62) 4-Nitroaniline	10.439	138	278	3.42	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.680	198	371	6.29	ng	# 1
71) Phenanthrene	11.404	178	303759	7.09	ng	98
75) Fluoranthene	12.598	202	298032	6.67	ng	96
78) Pyrene	12.821	202	251140	6.95	ng	99
80) Butylbenzylphthalate	13.439	149	527	3.32	ng	# 67
81) Benzo(a)anthracene	14.010	228	87706	2.74	ng	97
83) Chrysene	14.010	228	87706	2.72	ng	98
88) Benzo(b)fluoranthene	15.062	252	121233	3.42	ng	# 87
89) Benzo(k)fluoranthene	15.062	252	121233	3.51	ng	# 86
90) Benzo(a)pyrene	15.427	252	73372	2.37	ng	# 88

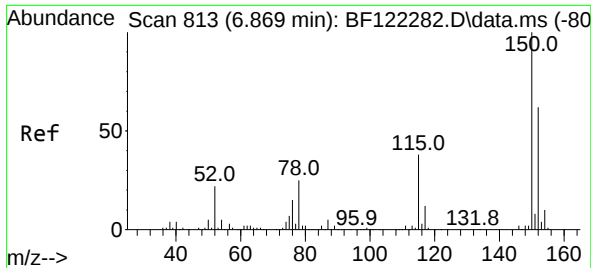
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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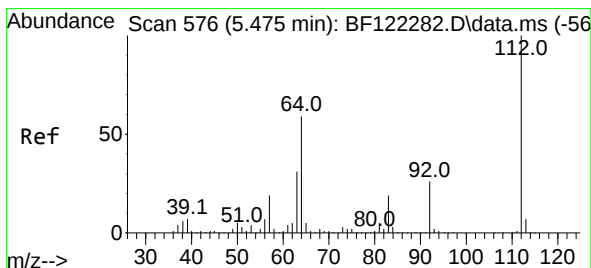
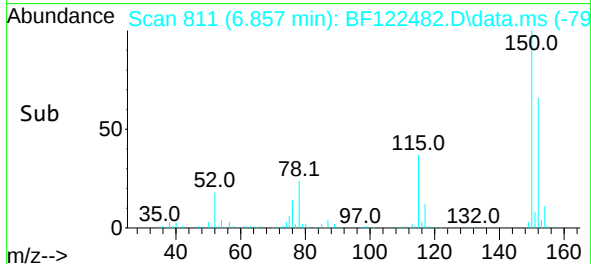
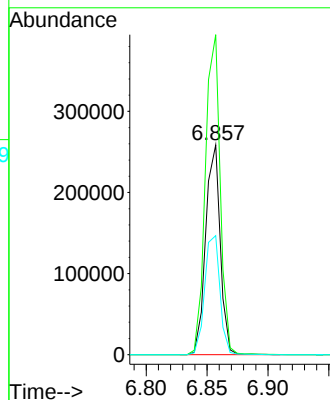
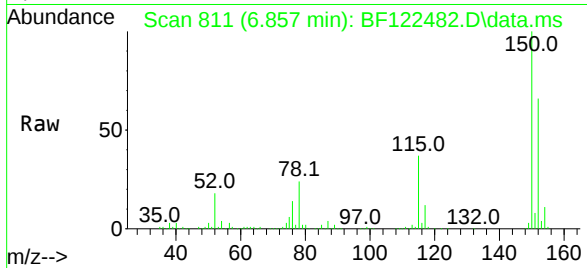




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

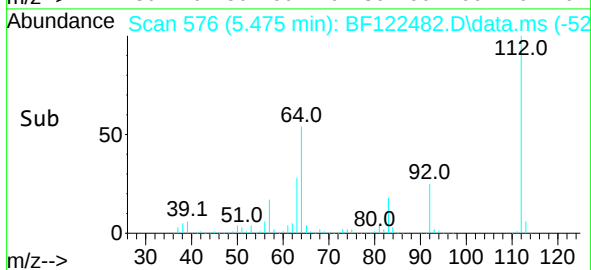
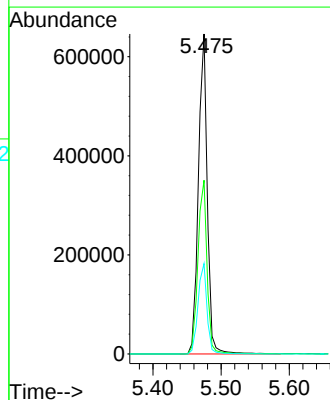
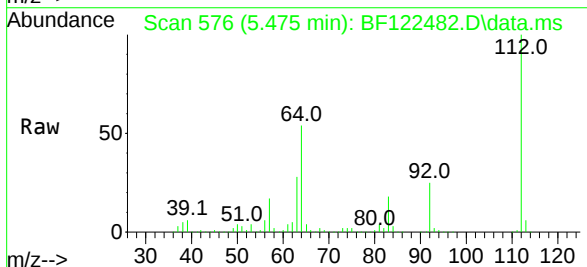
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

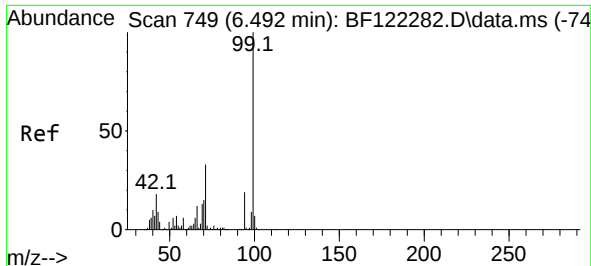
Tgt Ion:152 Resp: 214052
Ion Ratio Lower Upper
152 100
150 152.6 125.3 187.9
115 56.7 51.9 77.9



#5
2-Fluorophenol
Concen: 41.97 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:112 Resp: 585000
Ion Ratio Lower Upper
112 100
64 54.3 50.4 75.6
63 28.2 25.8 38.6

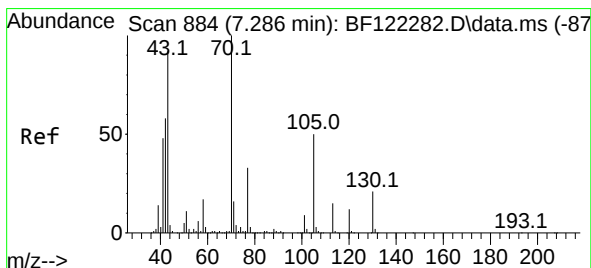
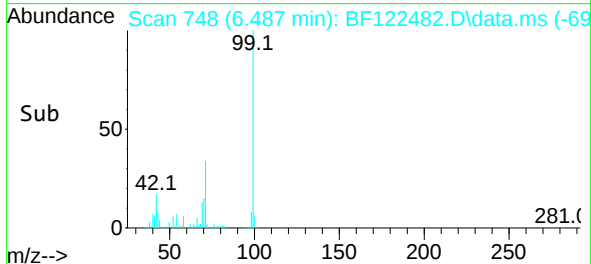
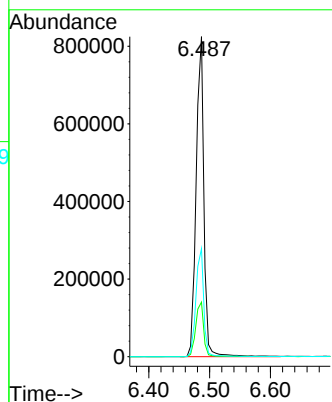
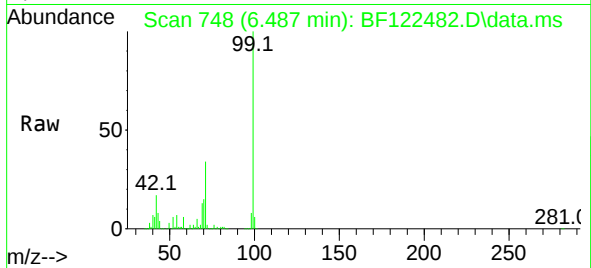




#7
Phenol-d6
Concen: 39.92 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

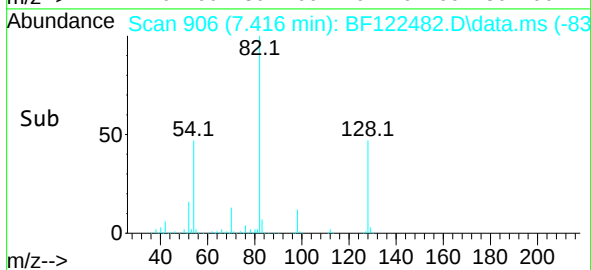
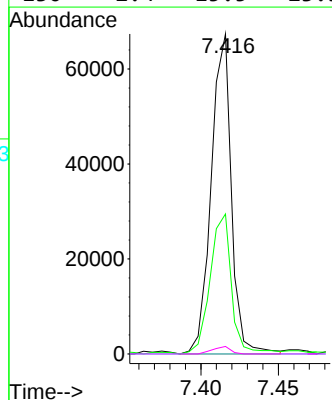
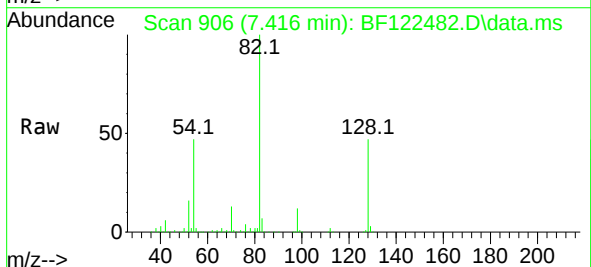
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

Tgt Ion: 99 Resp: 728069
Ion Ratio Lower Upper
99 100
42 17.1 15.9 23.9
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.60 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion: 70 Resp: 61026
Ion Ratio Lower Upper
70 100
42 43.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#



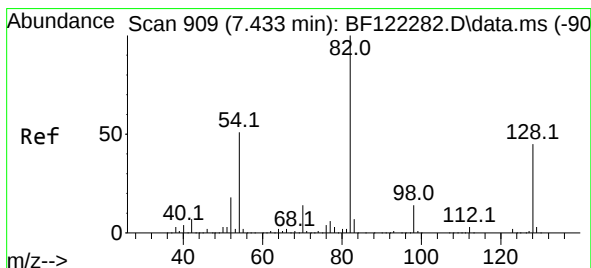
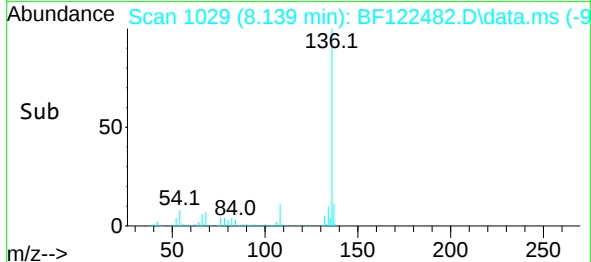
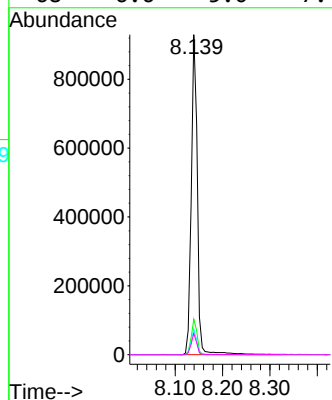
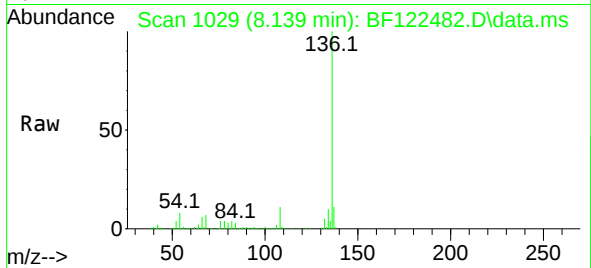


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

Tgt Ion:136 Resp: 822835

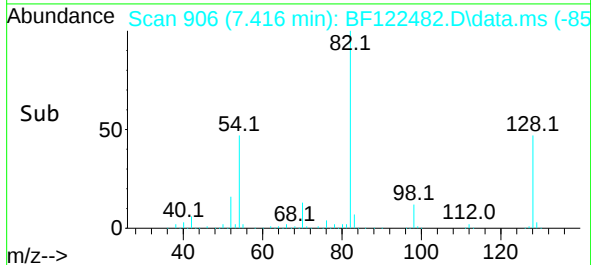
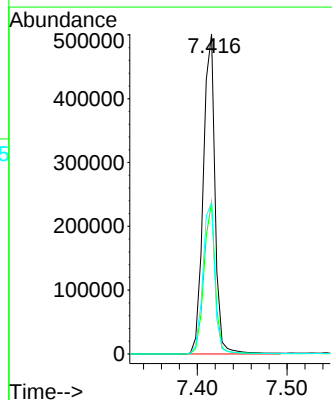
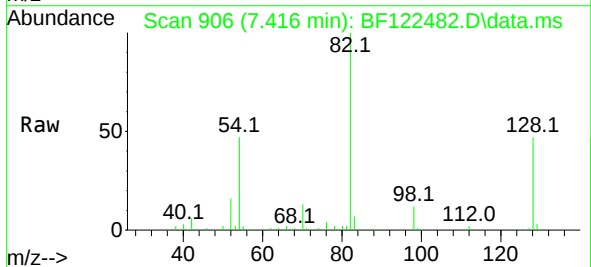
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.0	7.1	10.7
68	6.6	5.0	7.4

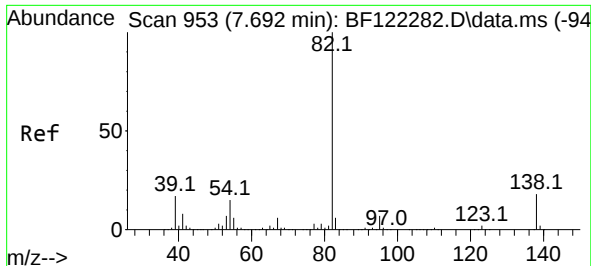


#23
Nitrobenzene-d5
Concen: 34.00 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion: 82 Resp: 457007

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.0	52.4
54	47.3	43.9	65.9

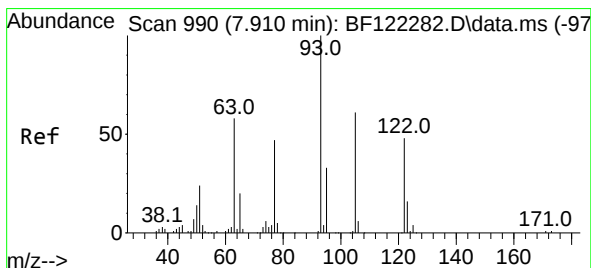
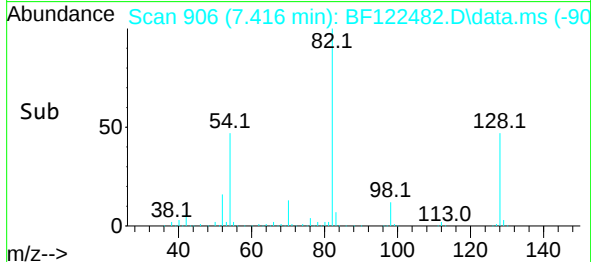
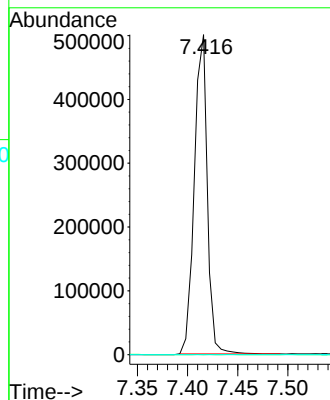
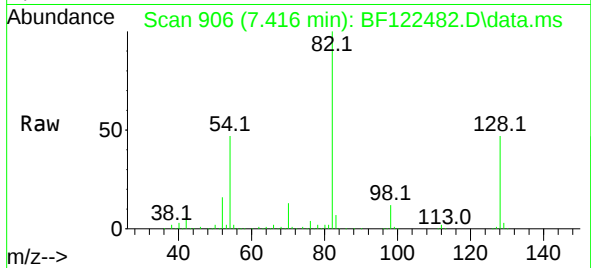




#25
Isophorone
Concen: 15.00 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

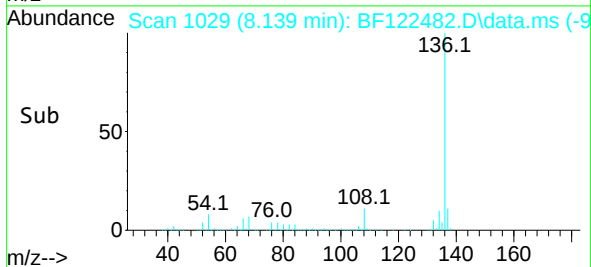
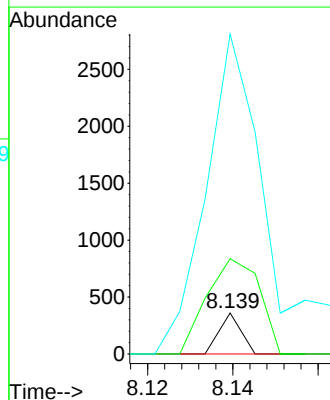
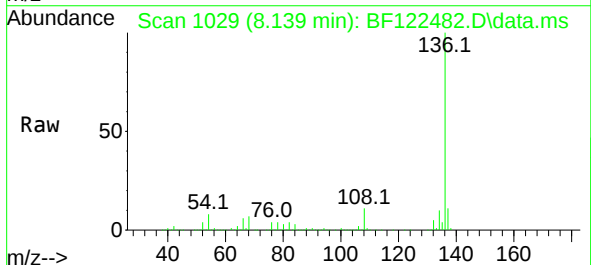
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

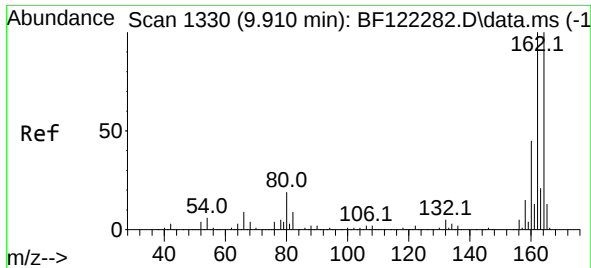
Tgt Ion: 82 Resp: 449392
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.206 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 232.5 103.3 143.3#
77 780.8 73.9 113.9#

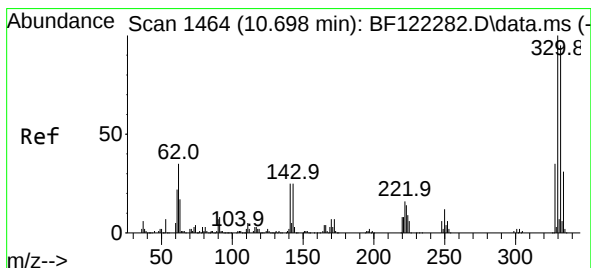
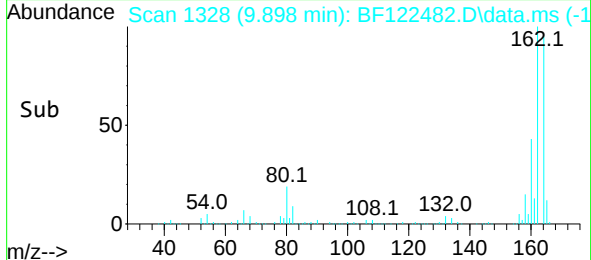
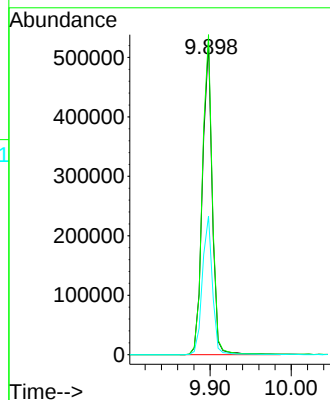
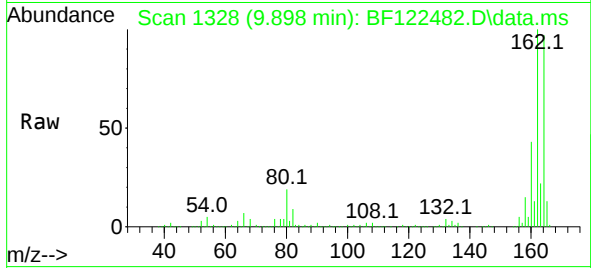




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

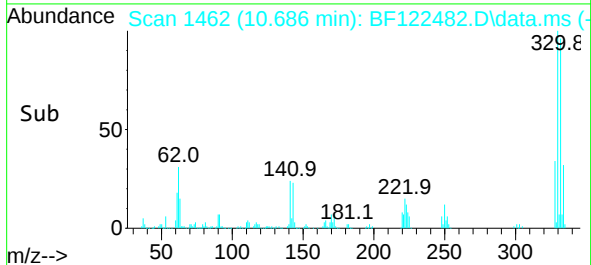
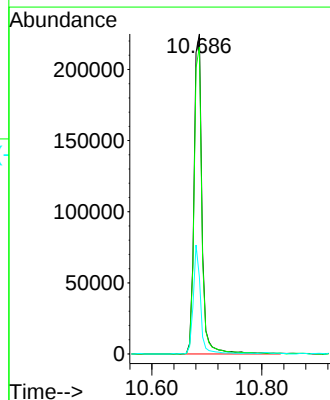
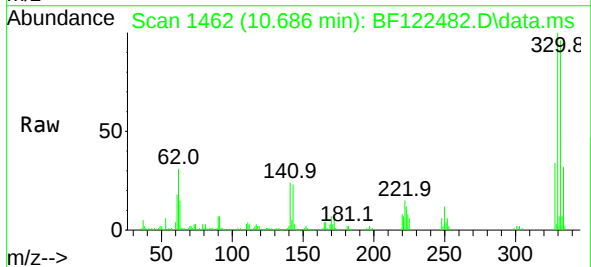
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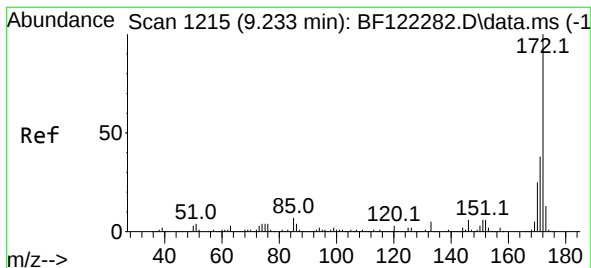
Tgt Ion:164 Resp: 442443
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 44.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 47.23 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:330 Resp: 224296
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 31.0 22.3 33.5

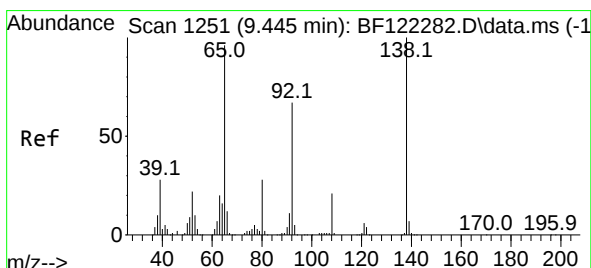
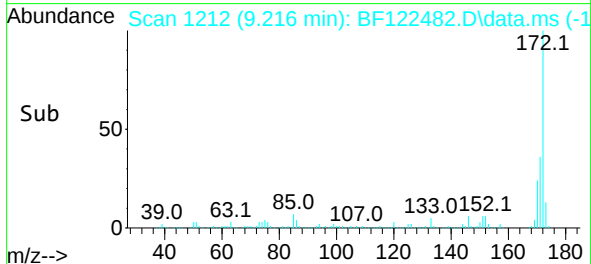
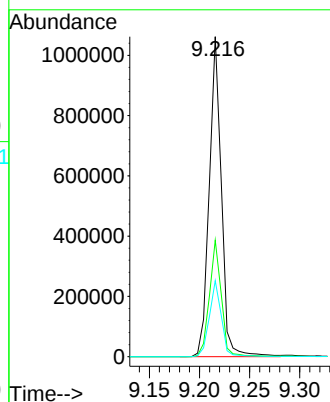
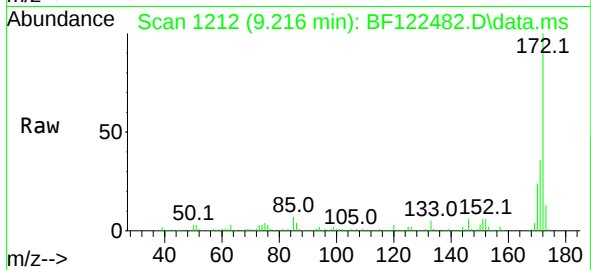




#45
2-Fluorobiphenyl
Concen: 31.77 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

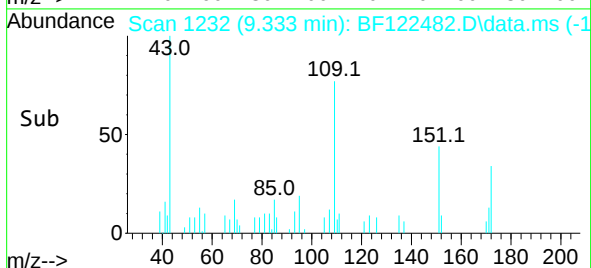
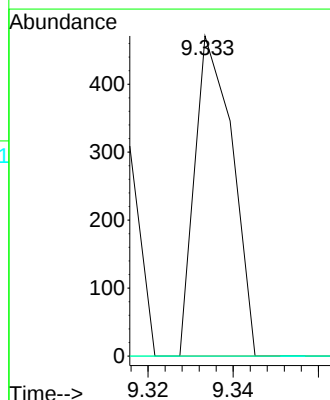
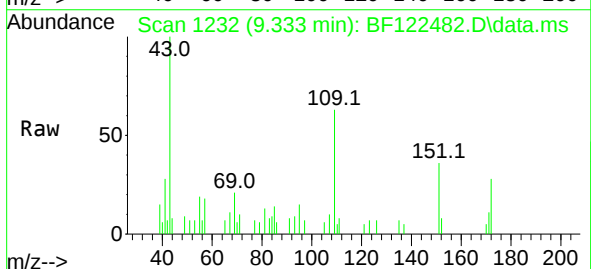
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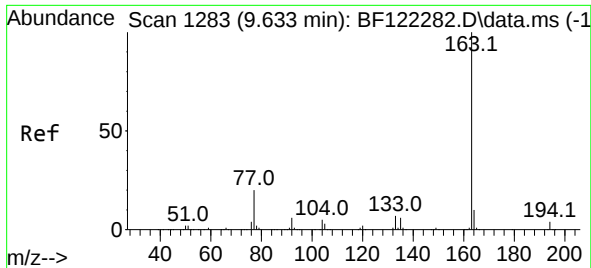
Tgt Ion:172 Resp: 899614
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 23.7 19.8 29.6



#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.112 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion: 65 Resp: 288
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

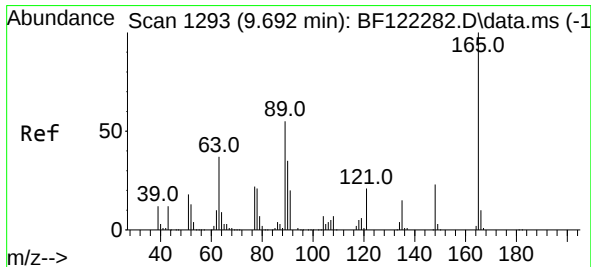
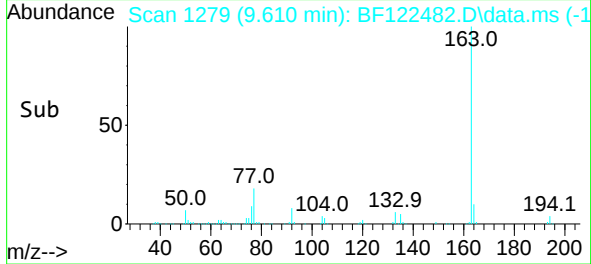
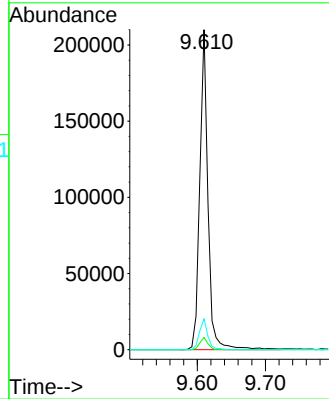
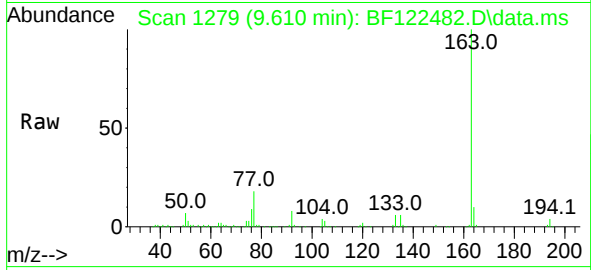




#50
Dimethylphthalate
Concen: 5.58 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

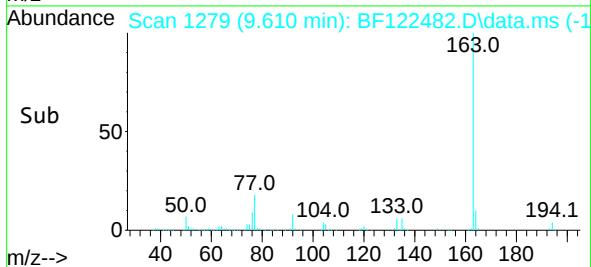
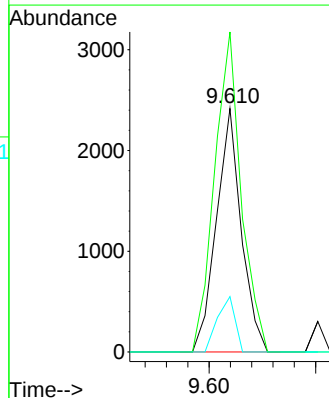
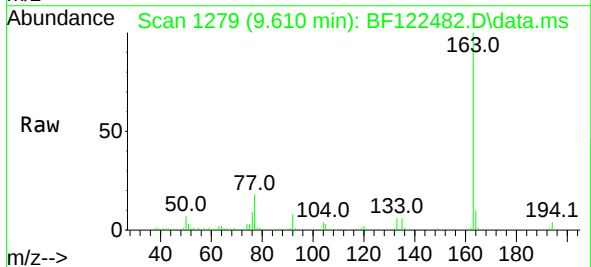
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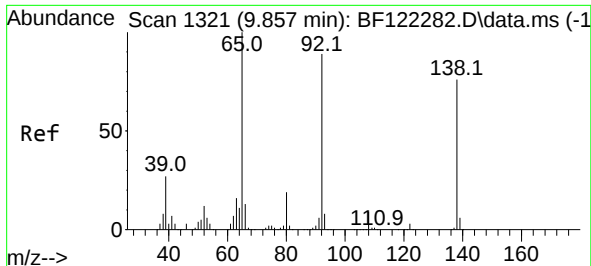
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Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.07 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.077 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:165 Resp: 1961
Ion Ratio Lower Upper
165 100
63 131.4 51.8 77.6#
89 22.7 49.0 73.6#

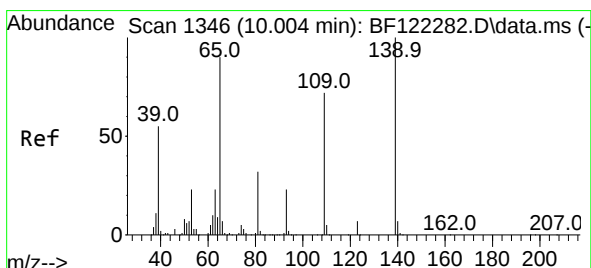
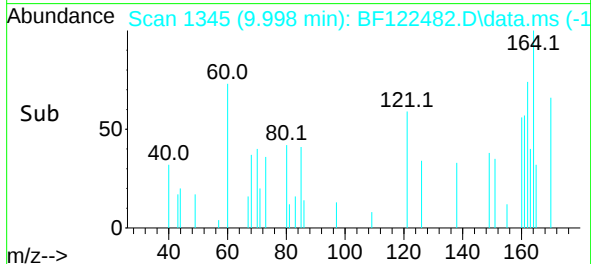
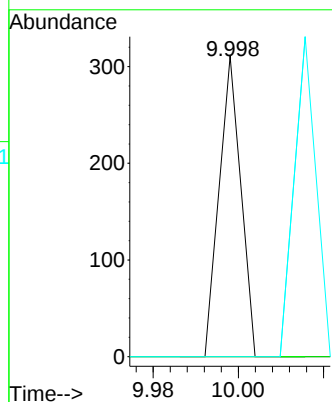
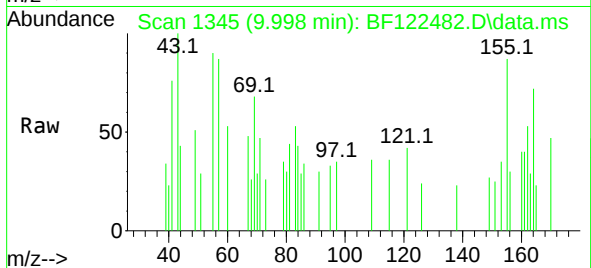




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.141 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

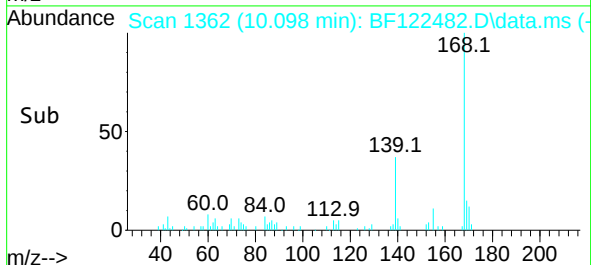
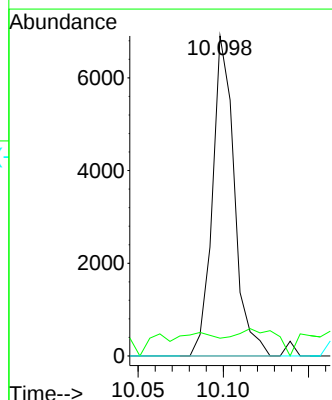
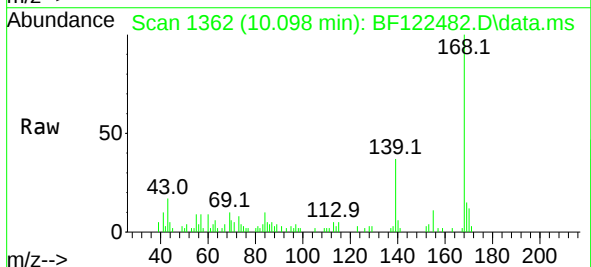
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

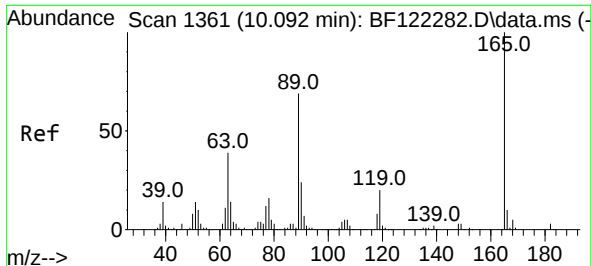
Tgt Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 6.24 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:139 Resp: 6159
Ion Ratio Lower Upper
139 100
109 5.5 45.4 85.4#
65 0.0 68.4 108.4#

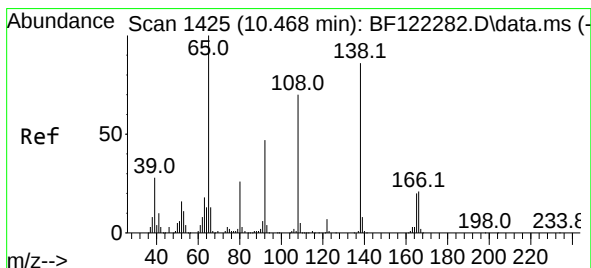
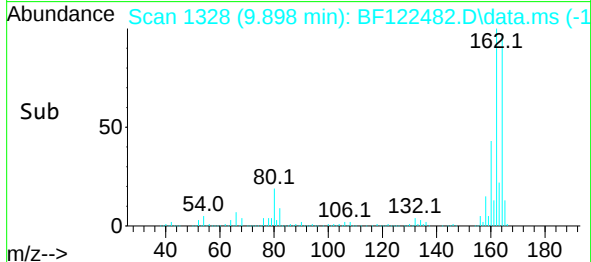
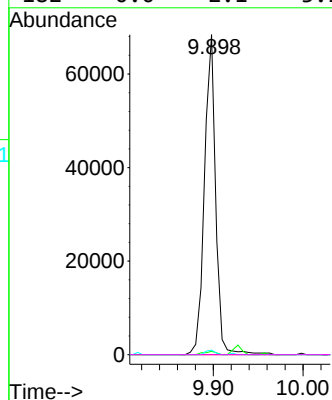
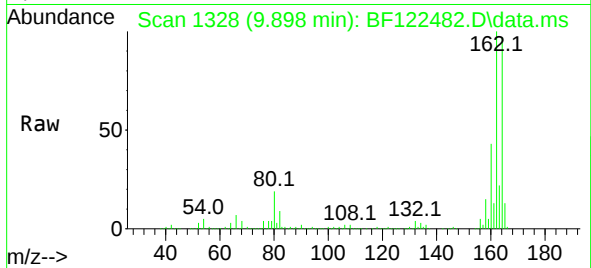




#57
2,4-Dinitrotoluene
Concen: 10.79 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

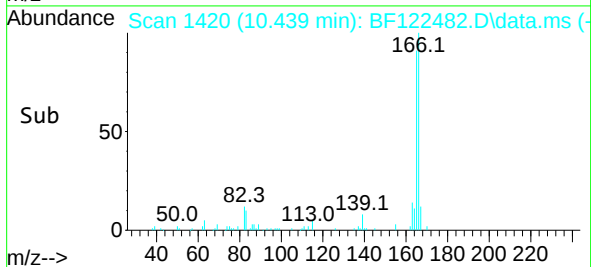
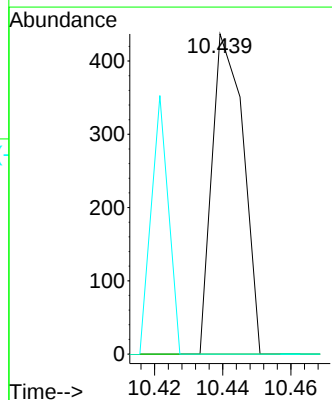
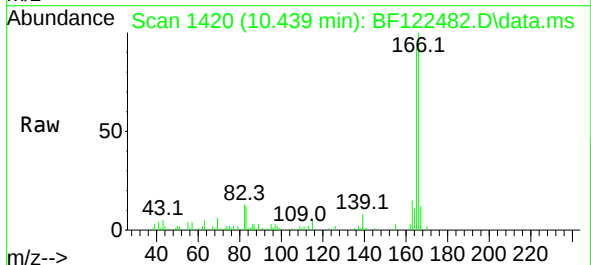
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

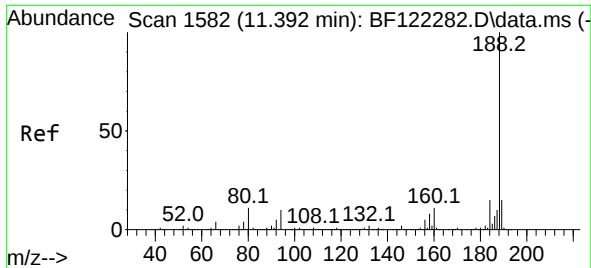
Tgt Ion:165 Resp: 59371
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.42 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.035 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:138 Resp: 278
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 0.0 51.5 91.5#

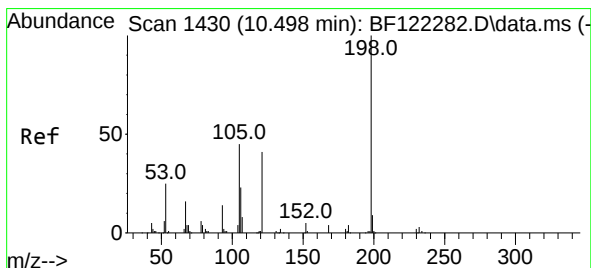
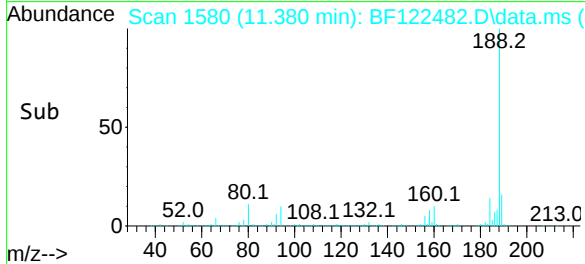
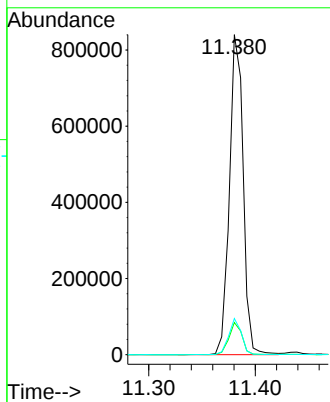
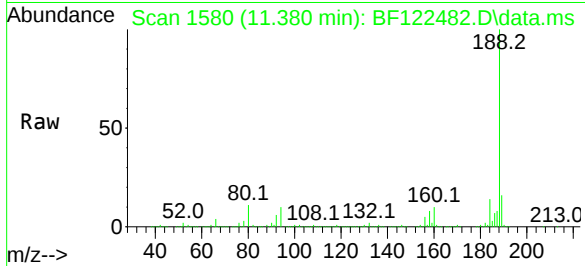




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

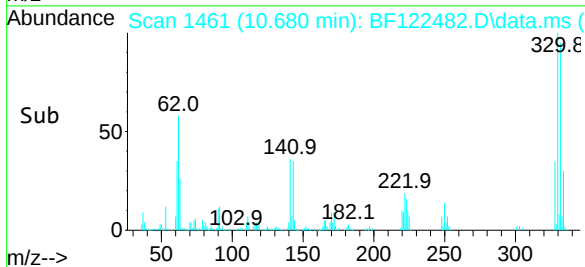
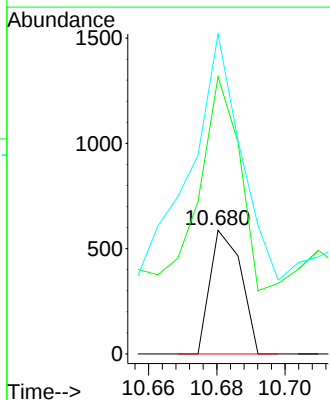
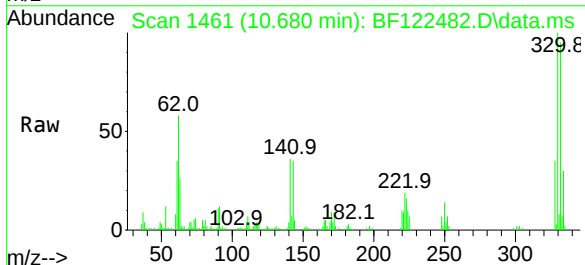
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

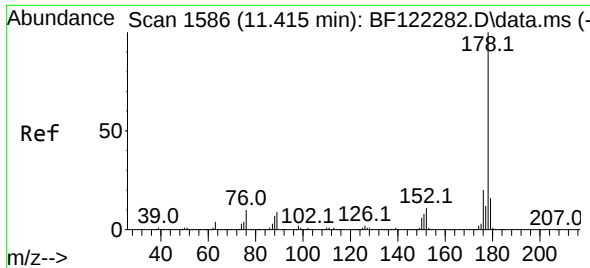
Tgt Ion:188 Resp: 754823
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.29 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:198 Resp: 371
Ion Ratio Lower Upper
198 100
51 224.5 29.6 69.6#
105 258.9 24.4 64.4#

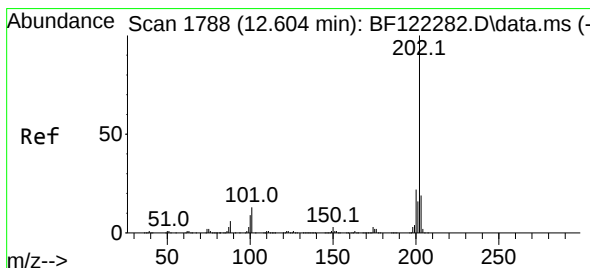
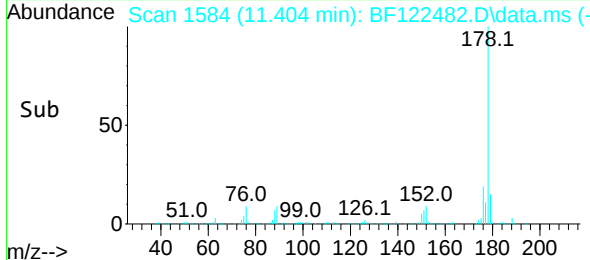
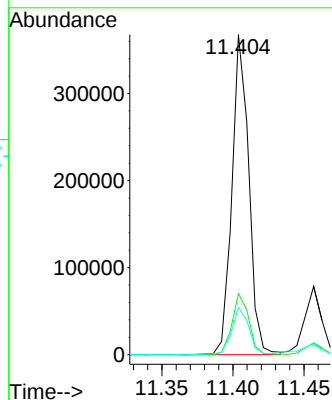
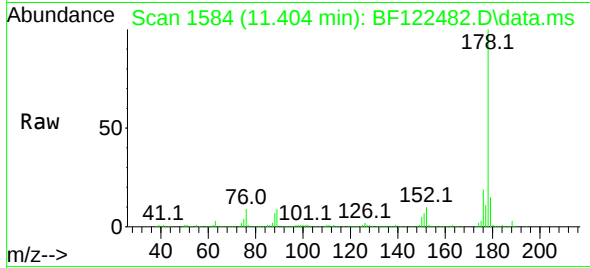




#71
Phenanthrene
Concen: 7.09 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

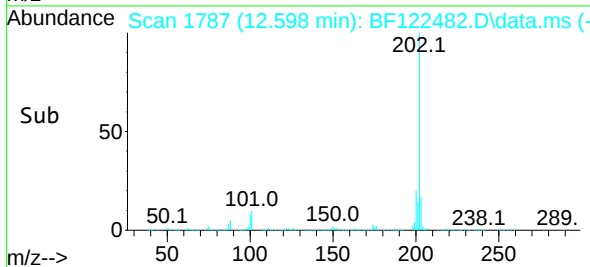
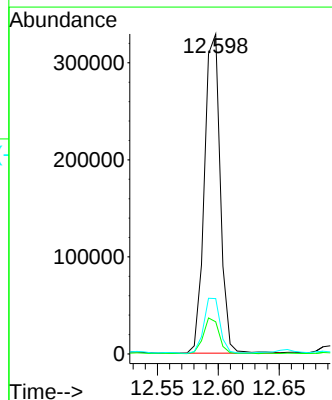
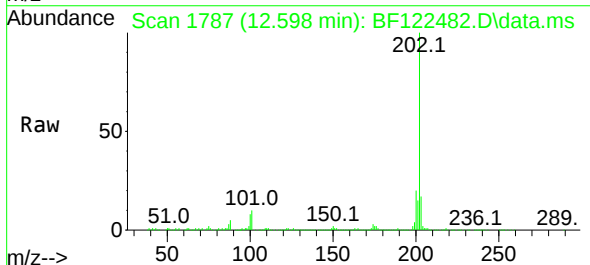
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

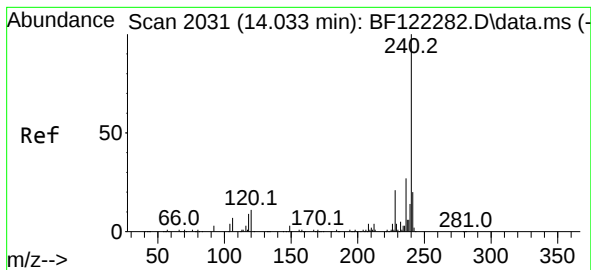
Tgt Ion:178 Resp: 303759
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.7 12.2 18.4



#75
Fluoranthene
Concen: 6.67 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:202 Resp: 298032
Ion Ratio Lower Upper
202 100
101 10.0 0.0 33.4
203 17.3 0.0 37.9

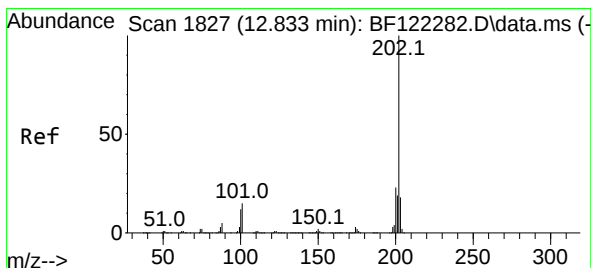
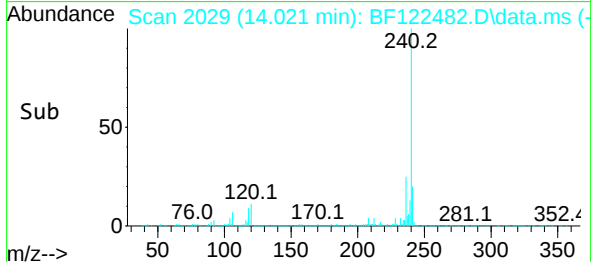
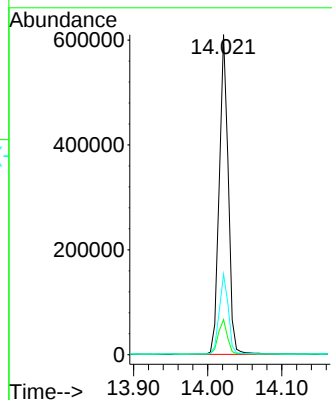
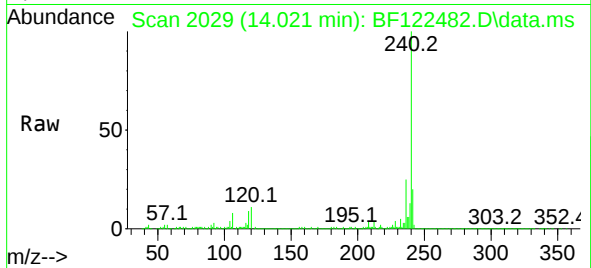




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

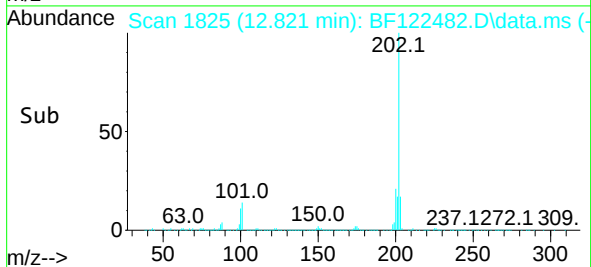
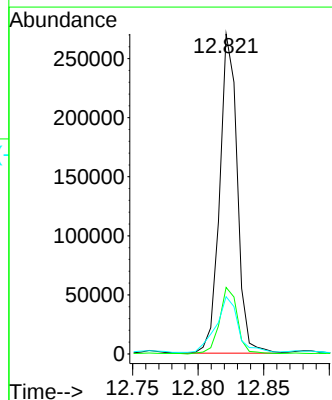
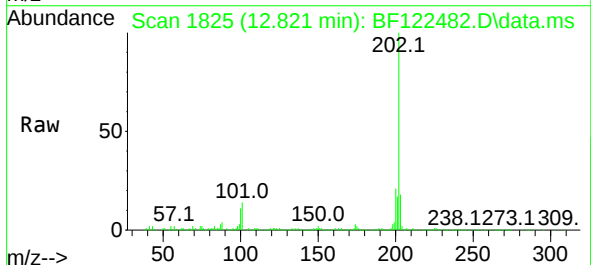
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

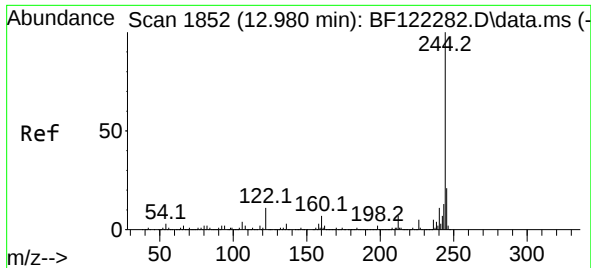
Tgt Ion:240 Resp: 514424
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.2 20.9 31.3



#78
Pyrene
Concen: 6.95 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:202 Resp: 251140
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.9 14.6 21.8

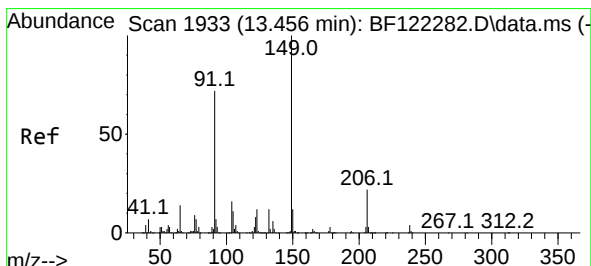
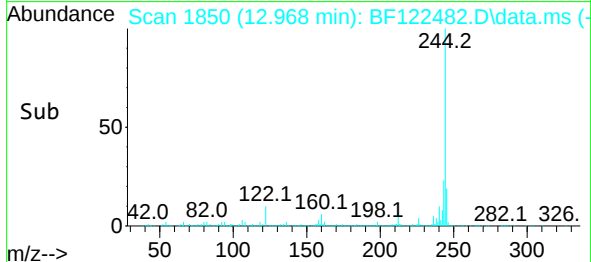
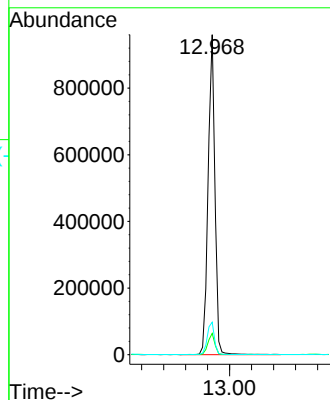
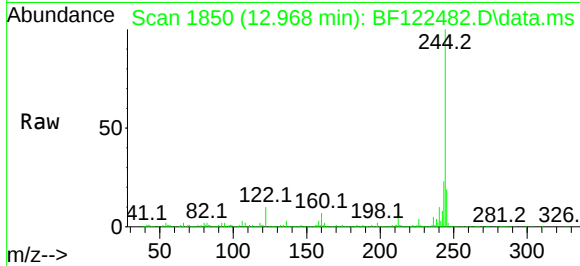




#79
 Terphenyl-d14
 Concen: 33.75 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF122482.D
 Acq: 25 Nov 2020 13:49

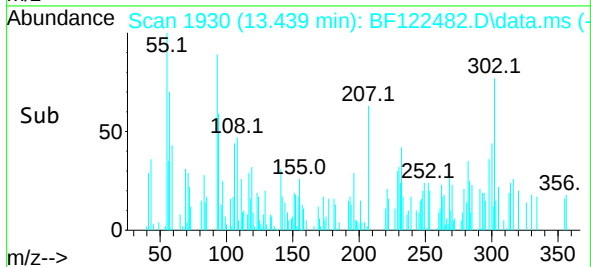
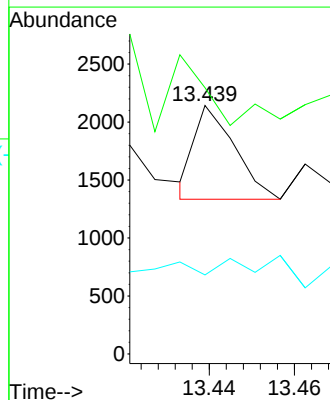
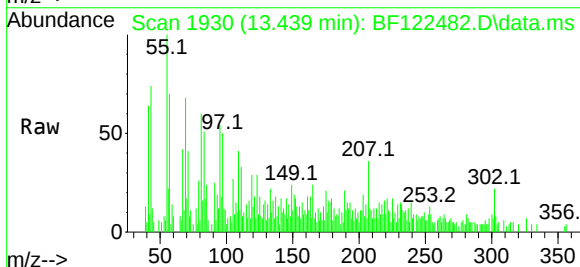
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-112420

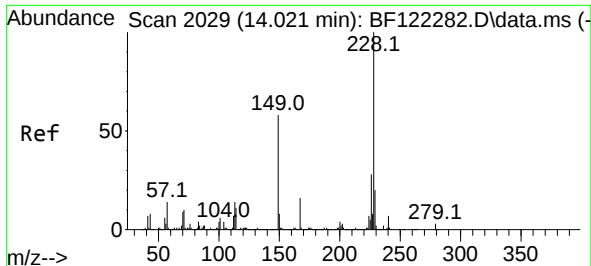
Tgt Ion:244 Resp: 819447
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.2 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.32 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BF122482.D
 Acq: 25 Nov 2020 13:49

Tgt Ion:149 Resp: 527
 Ion Ratio Lower Upper
 149 100
 91 107.1 61.0 91.4#
 206 31.8 16.7 25.1#

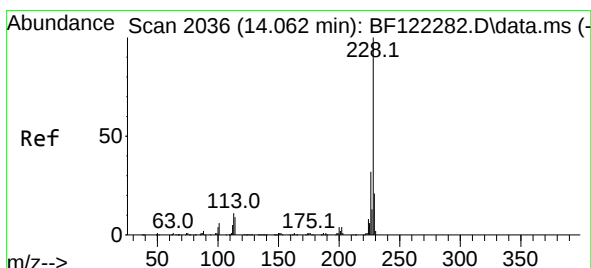
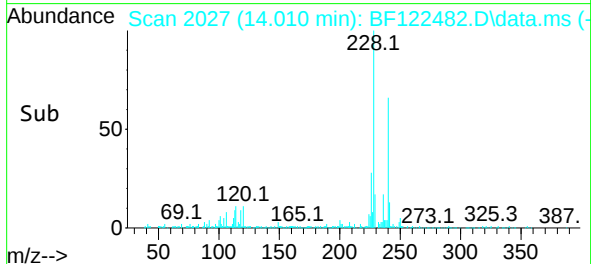
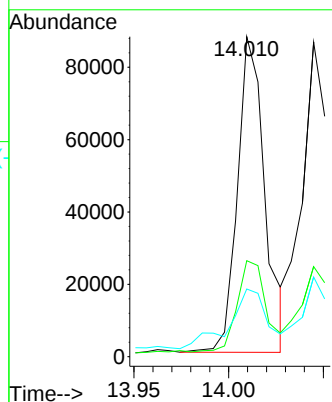
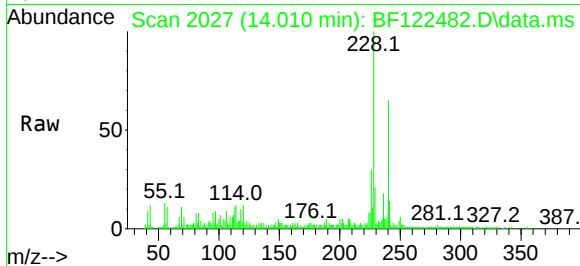




#81
Benzo(a)anthracene
Concen: 2.74 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

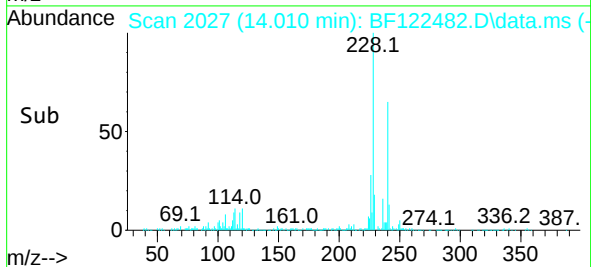
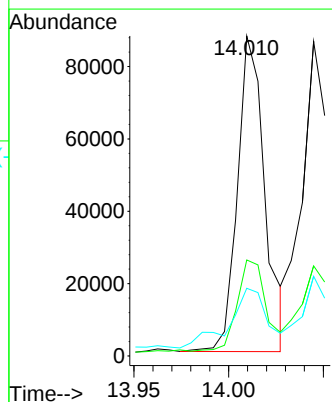
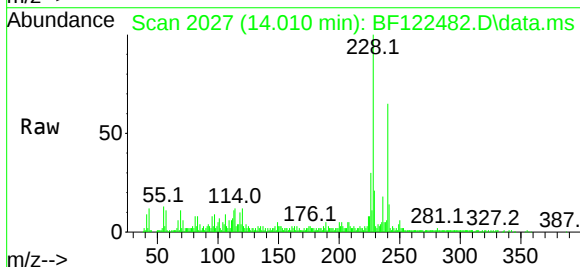
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

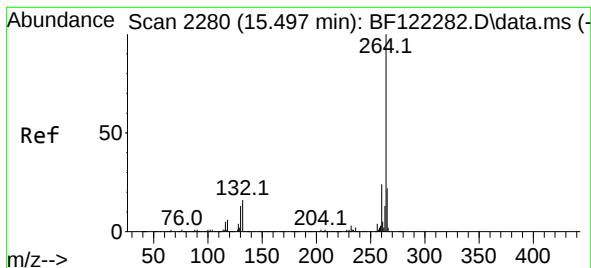
Tgt Ion:228 Resp: 87706
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 21.2 16.2 24.4



#83
Chrysene
Concen: 2.72 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.053 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:228 Resp: 87706
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 21.2 15.9 23.9

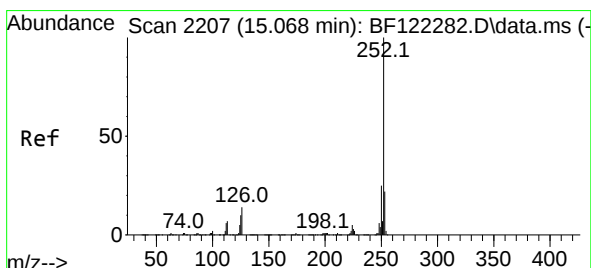
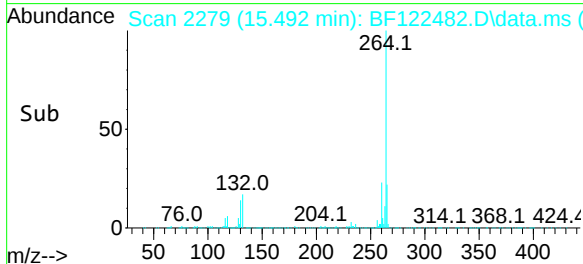
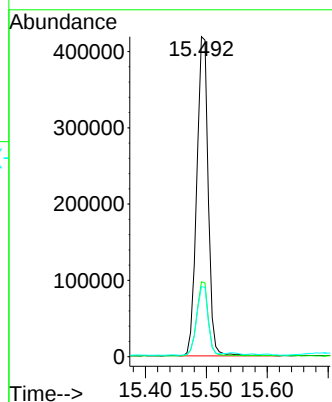
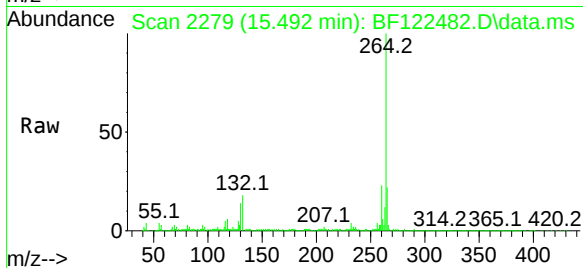




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

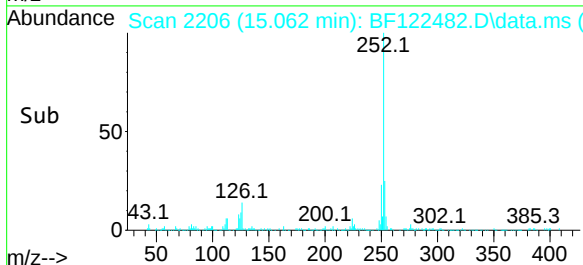
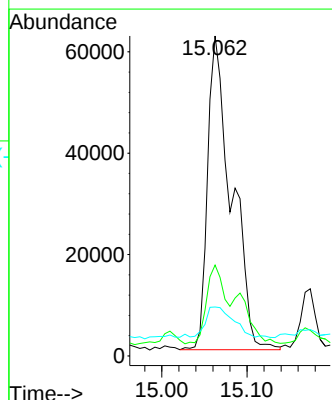
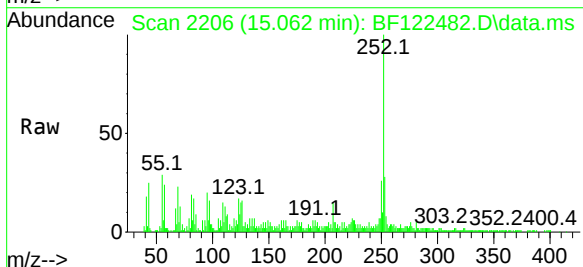
Instrument :
BNA_F
ClientSampleId :
OK-03-112420

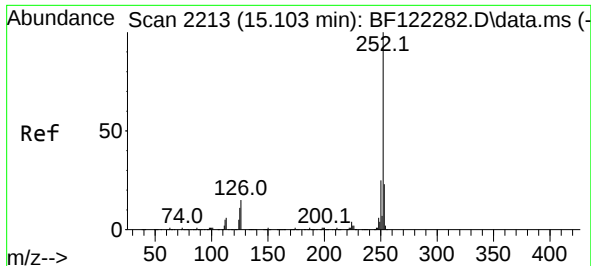
Tgt Ion:264 Resp: 547464
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 3.42 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:252 Resp: 121233
Ion Ratio Lower Upper
252 100
253 28.4 18.2 27.2#
125 15.3 8.0 12.0#

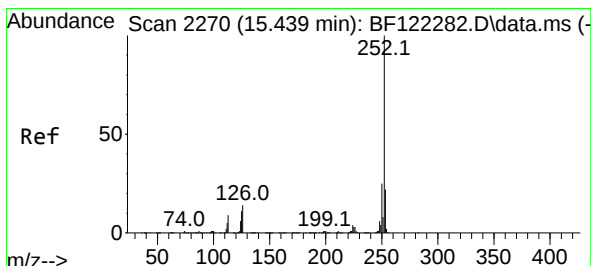
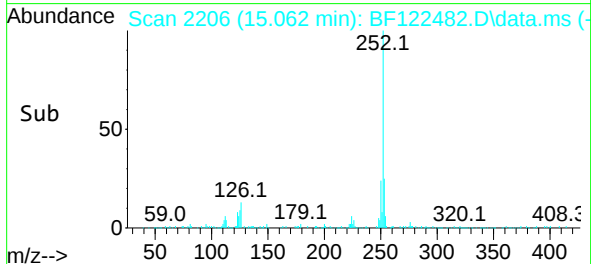
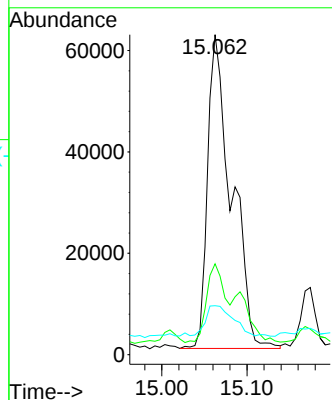
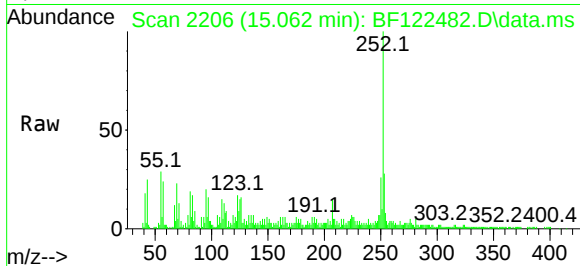




#89
Benzo(k)fluoranthene
Concen: 3.51 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.047 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

Tgt Ion:252 Resp: 121233
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.6#
125 15.3 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 2.37 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.018 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:252 Resp: 73372
Ion Ratio Lower Upper
252 100
253 25.7 17.3 25.9
125 18.1 8.6 13.0#

