

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122509.D
 Acq On : 30 Nov 2020 16:24
 Operator : JU/CG
 Sample : L4903-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-4-COMP

Quant Time: Nov 30 17:11:47 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)

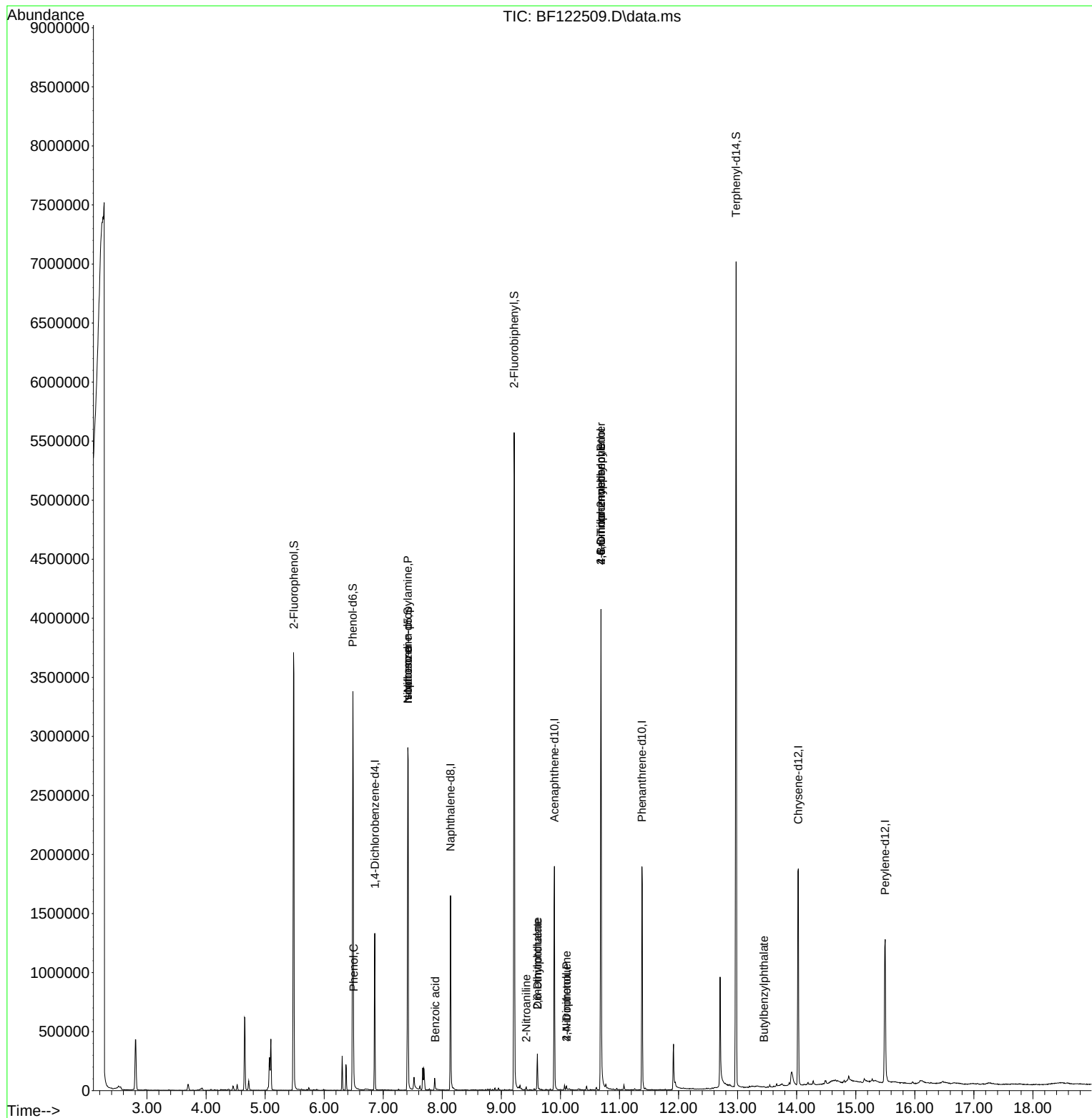
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	180316	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	708217	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	385366	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	744800	20.00	ng	0.00
76) Chrysene-d12	14.027	240	698804	20.00	ng	0.00
86) Perylene-d12	15.498	264	619743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1138191	96.92	ng	0.00
7) Phenol-d6	6.487	99	1270216	82.68	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1032313	89.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	569027	137.58	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1913987	77.60	ng	0.00
79) Terphenyl-d14	12.974	244	2376868	72.06	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	236	Below Cal	#	3
10) Phenol	6.498	94	36059	2.38	ng	84
19) n-Nitroso-di-n-propyla...	7.416	70	136614	14.88	ng	# 74
25) Isophorone	7.416	82	1026776	39.81	ng	# 67
32) Benzoic acid	7.881	122	1078	8.09	ng	97
48) 2-Nitroaniline	9.422	65	510	5.23	ng	# 6
50) Dimethylphthalate	9.610	163	130137	4.75	ng	98
51) 2,6-Dinitrotoluene	9.610	165	1961	4.11	ng	# 29
56) 4-Nitrophenol	10.104	139	944	5.55	ng	# 39
57) 2,4-Dinitrotoluene	10.104	165	1604	4.91	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.686	198	1074	6.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	36223	4.14	ng	# 1
80) Butylbenzylphthalate	13.445	149	2012	3.38	ng	92

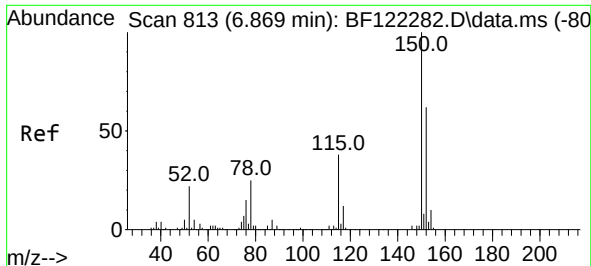
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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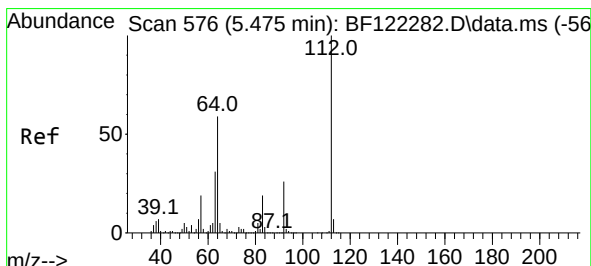
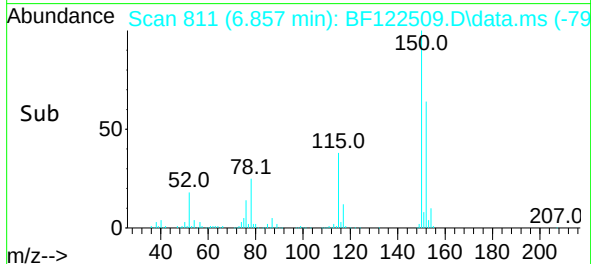
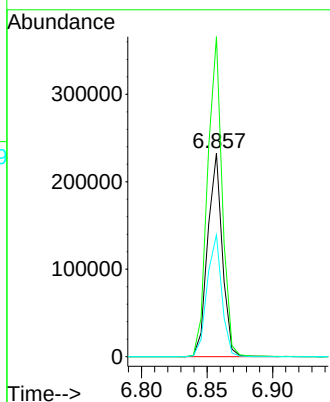
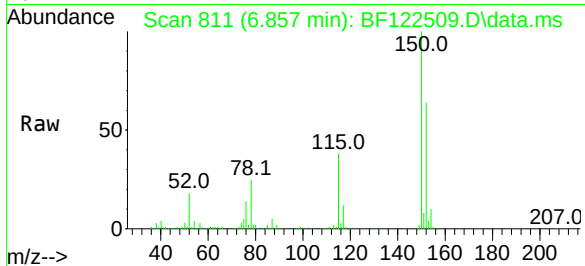




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

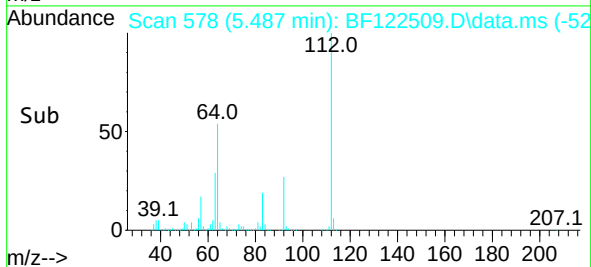
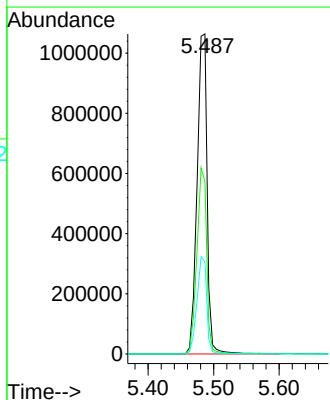
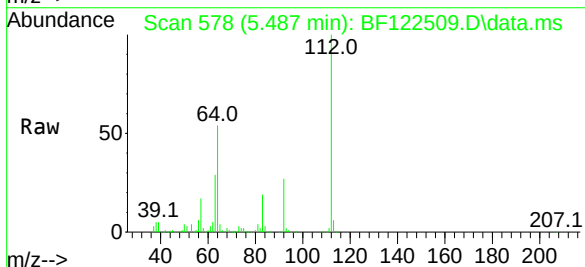
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

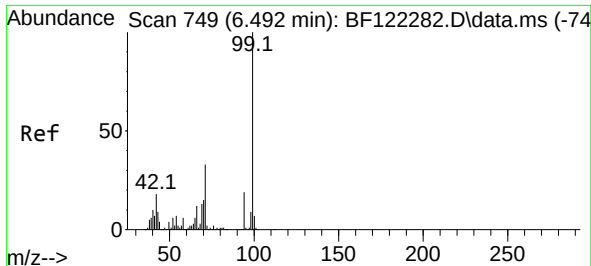
Tgt Ion:152 Resp: 180316
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 96.92 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:112 Resp: 1138191
Ion Ratio Lower Upper
112 100
64 54.0 50.4 75.6
63 28.7 25.8 38.6

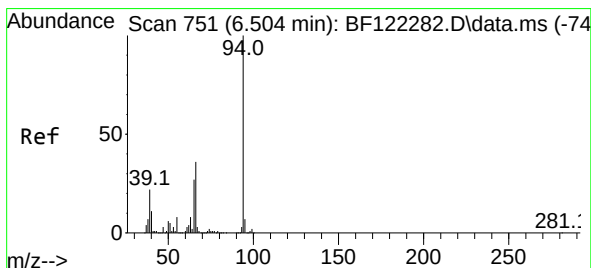
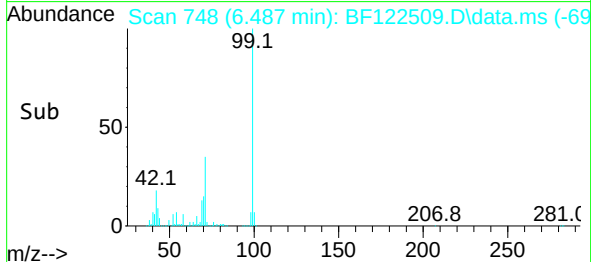
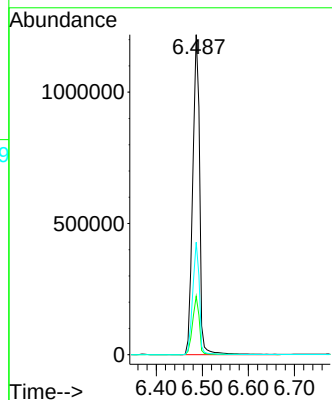
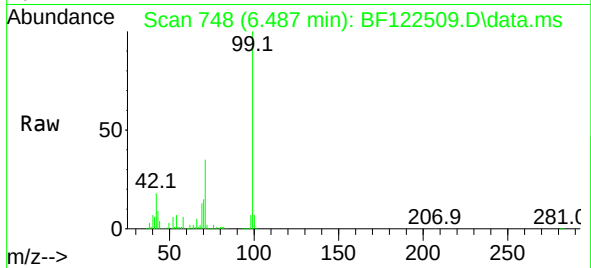




#7
Phenol-d6
Concen: 82.68 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

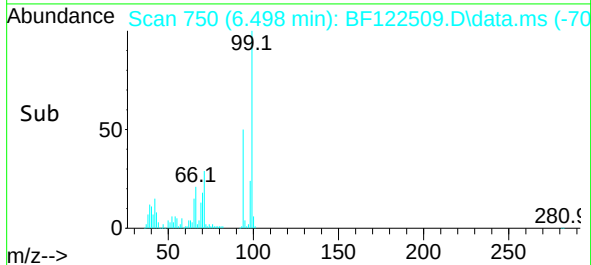
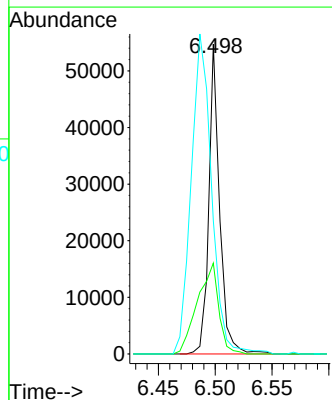
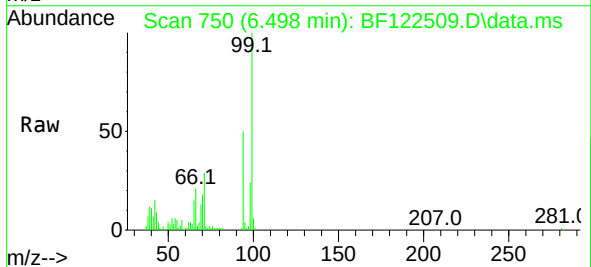
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

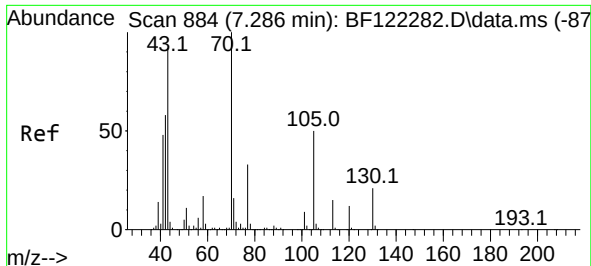
Tgt Ion: 99 Resp: 1270216
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 35.1 27.1 40.7



#10
Phenol
Concen: 2.38 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

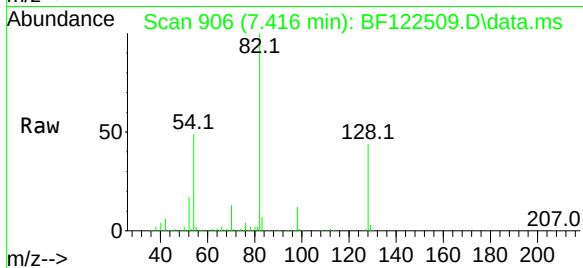
Tgt Ion: 94 Resp: 36059
Ion Ratio Lower Upper
94 100
65 29.3 17.1 57.1
66 43.0 36.0 76.0



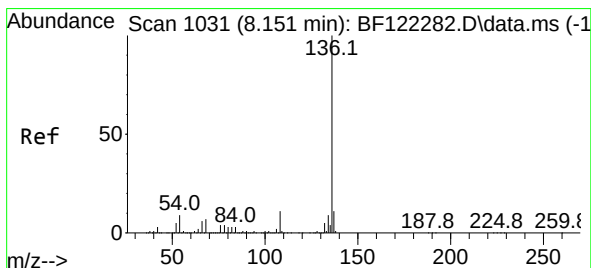
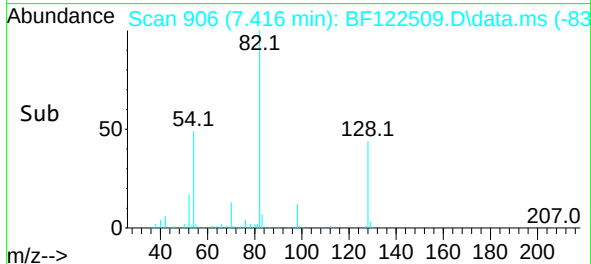
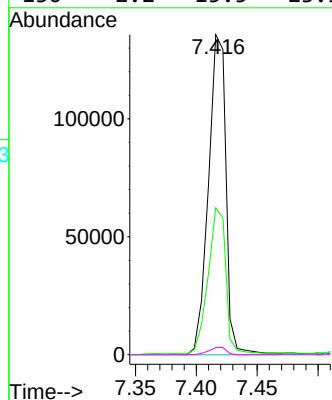


#19
n-Nitroso-di-n-propylamine
Concen: 14.88 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

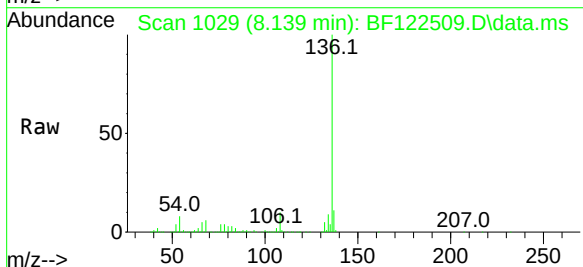
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP



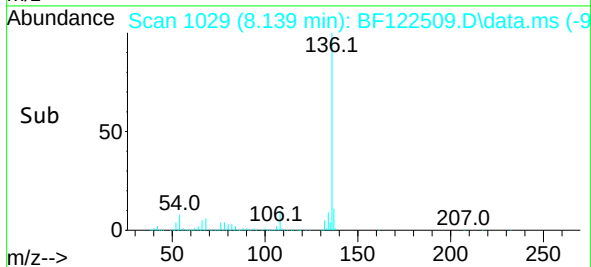
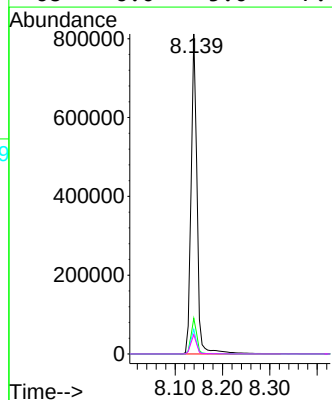
Tgt Ion: 70 Resp: 136614
Ion Ratio Lower Upper
70 100
42 45.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

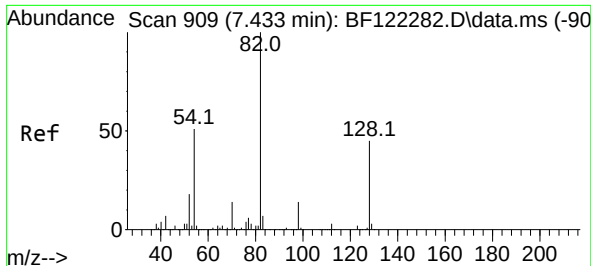


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24



Tgt Ion: 136 Resp: 708217
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.7 7.1 10.7
68 6.0 5.0 7.4

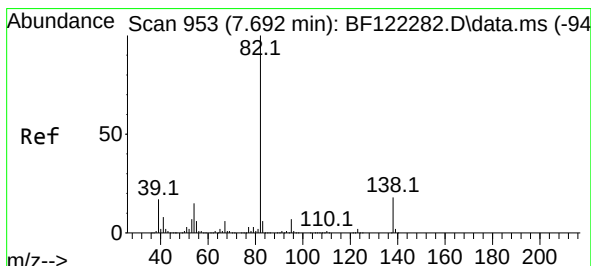
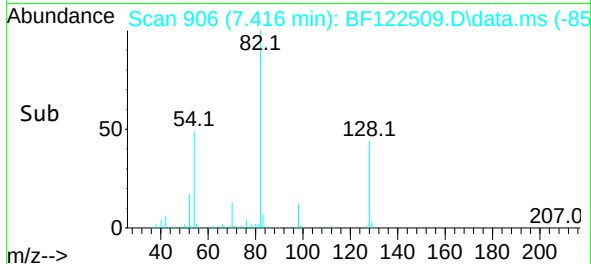
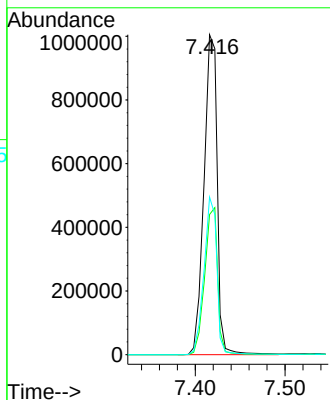
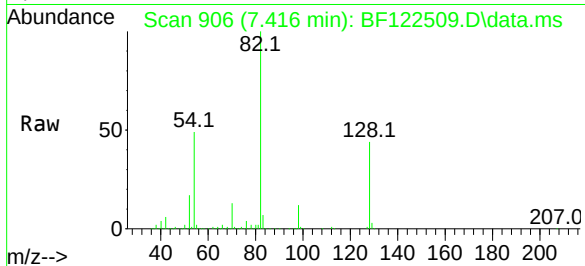




#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

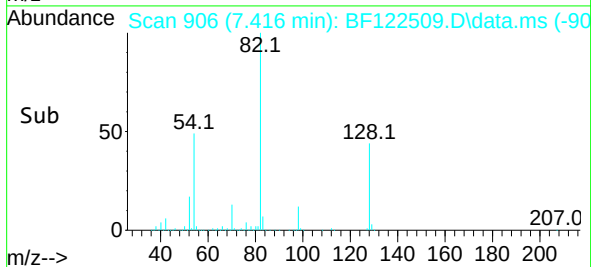
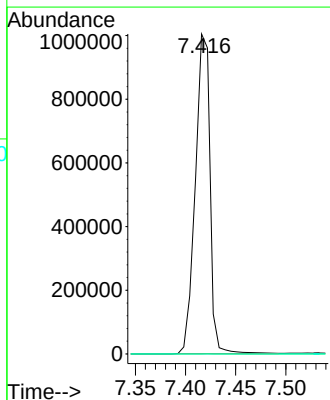
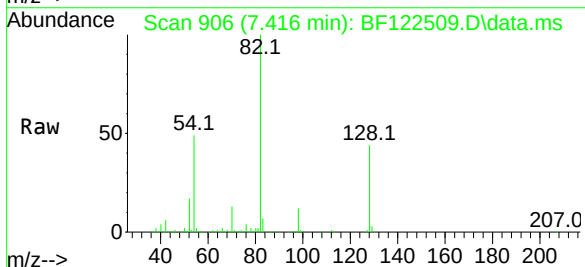
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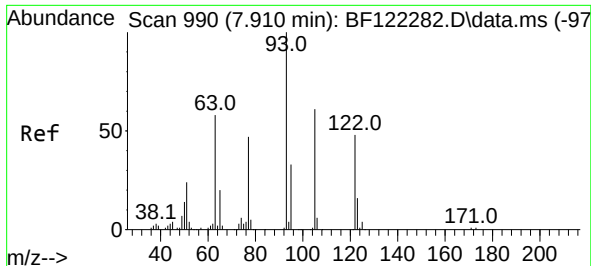
Tgt Ion: 82 Resp: 1032313
Ion Ratio Lower Upper
82 100
128 43.8 35.0 52.4
54 49.2 43.9 65.9



#25
Isophorone
Concen: 39.81 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion: 82 Resp: 1026776
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

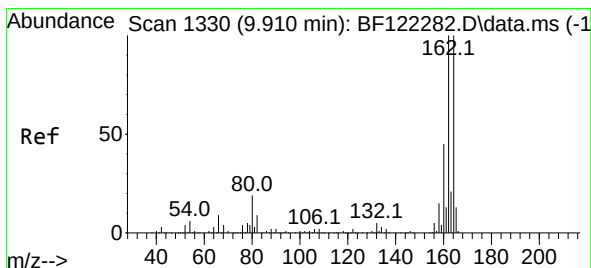
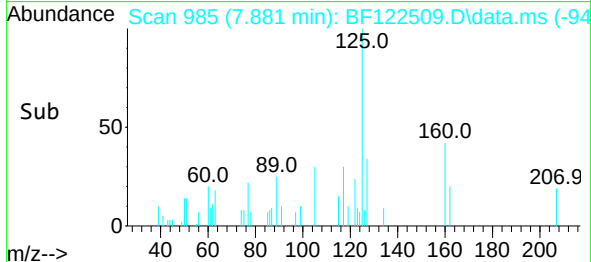
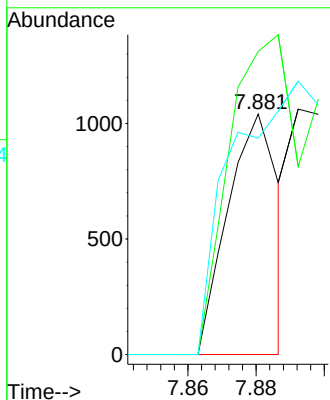
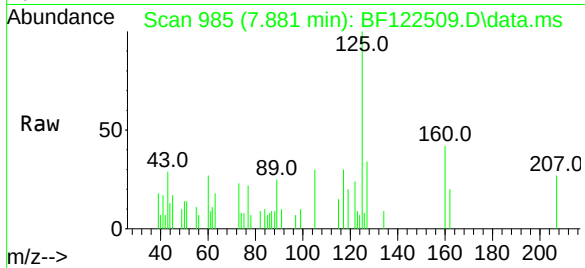




#32
Benzoic acid
Concen: 8.09 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.053 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

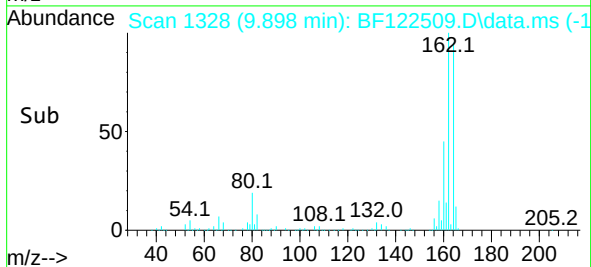
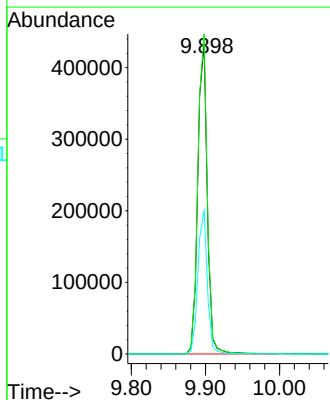
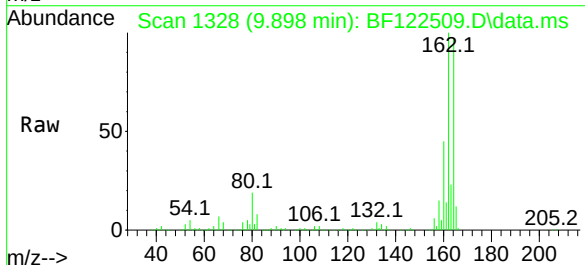
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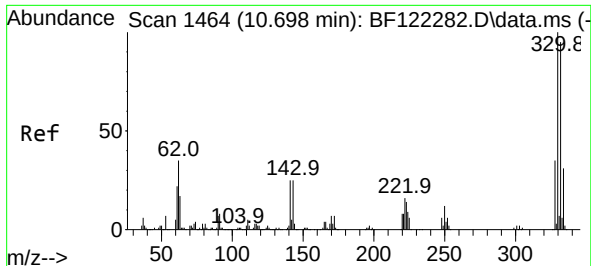
Tgt Ion:122 Resp: 1078
Ion Ratio Lower Upper
122 100
105 125.9 103.3 143.3
77 89.9 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:164 Resp: 385366
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.0 37.5 56.3

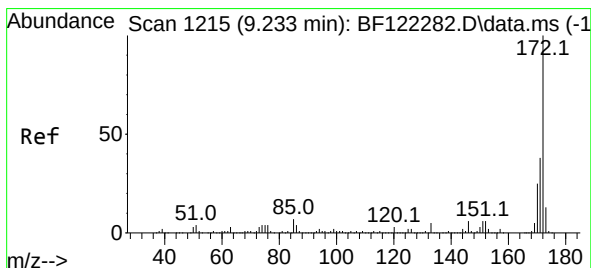
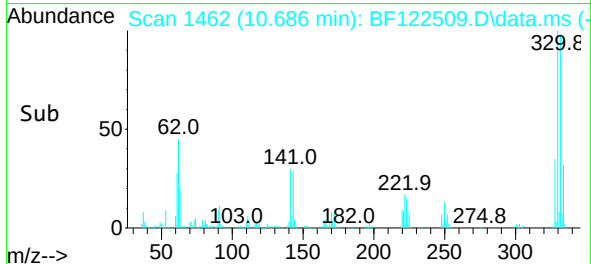
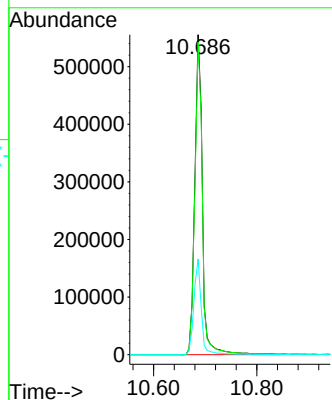
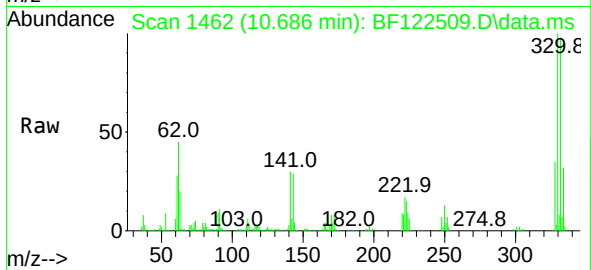




#42
2,4,6-Tribromophenol
Concen: 137.58 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

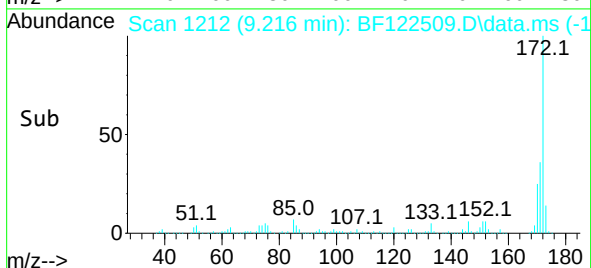
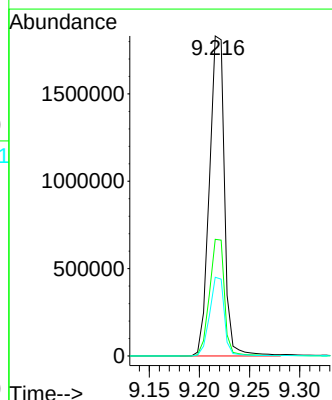
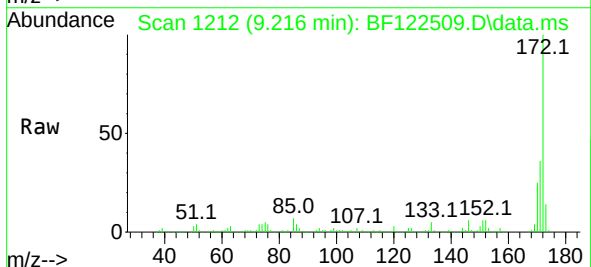
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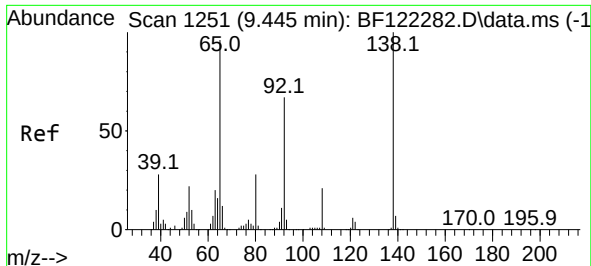
Tgt Ion: 330 Resp: 569027
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 29.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.60 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion: 172 Resp: 1913987
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.6 19.8 29.6

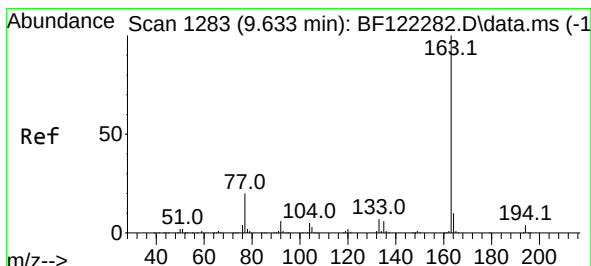
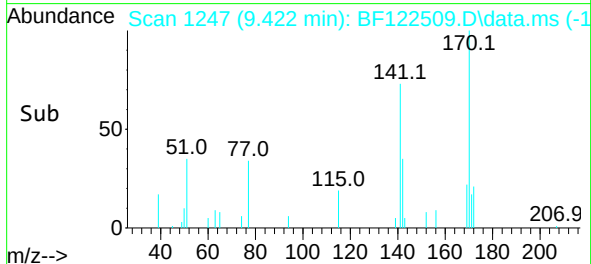
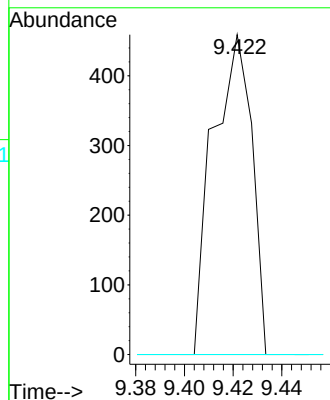
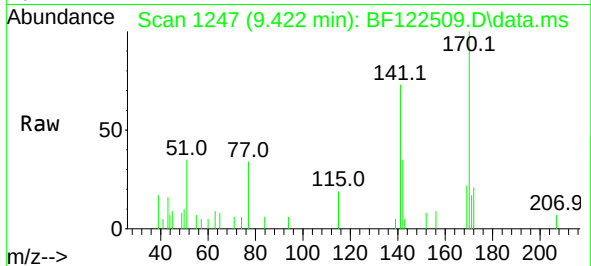




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.024 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

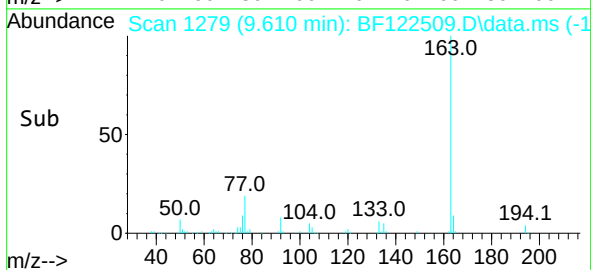
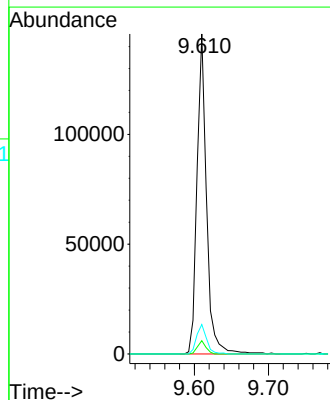
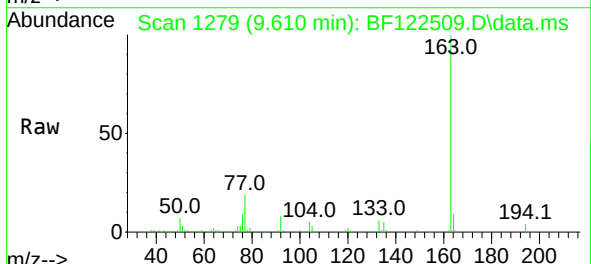
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

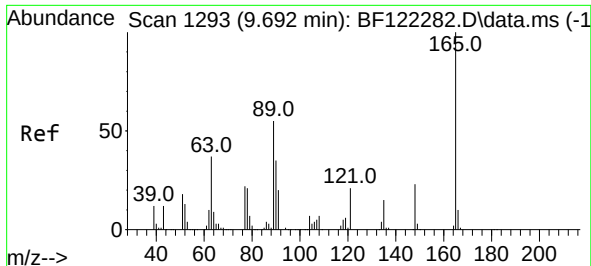
Tgt Ion: 65 Resp: 510
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 4.75 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

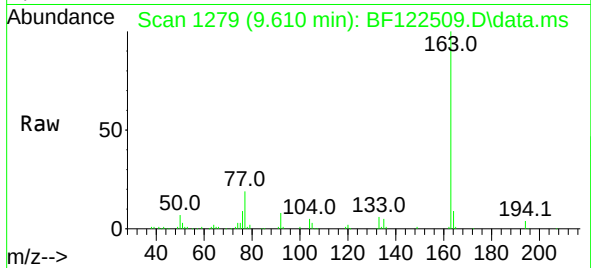
Tgt Ion: 163 Resp: 130137
Ion Ratio Lower Upper
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194 4.1 3.3 4.9
164 9.2 8.2 12.4



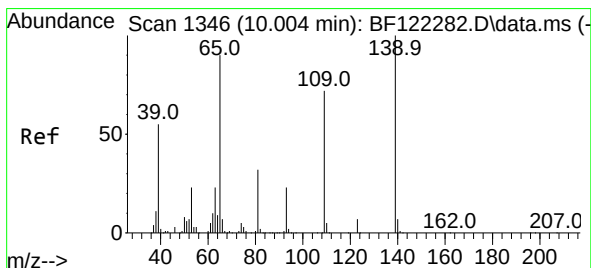
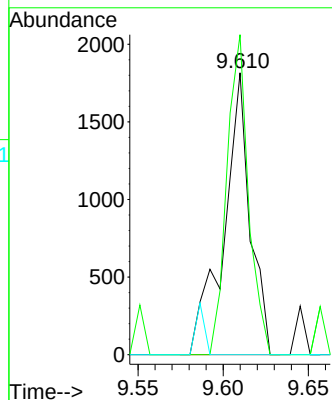
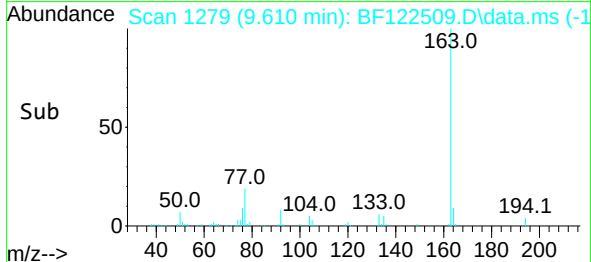


#51
2,6-Dinitrotoluene
Concen: 4.11 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.077 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

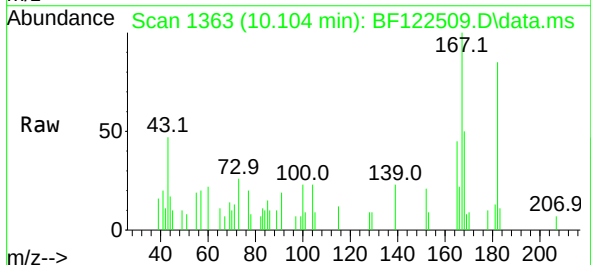
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP



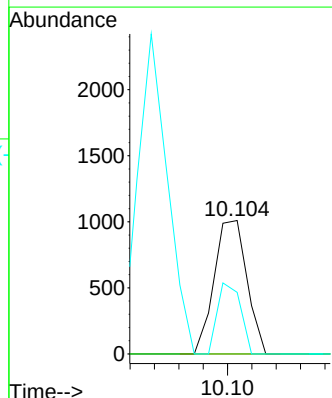
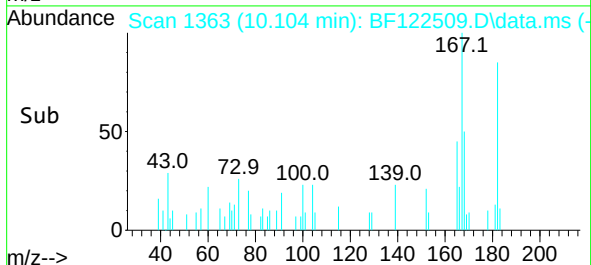
Tgt Ion:165 Resp: 1961
Ion Ratio Lower Upper
165 100
63 113.5 51.8 77.6#
89 0.0 49.0 73.6#

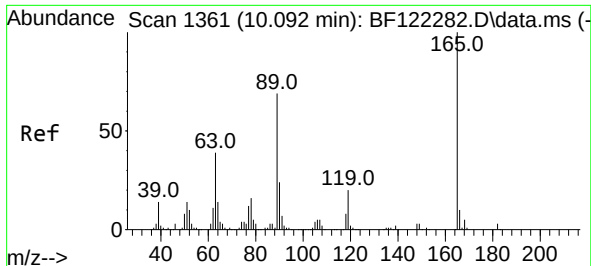


#56
4-Nitrophenol
Concen: 5.55 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.088 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24



Tgt Ion:139 Resp: 944
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 46.1 68.4 108.4#

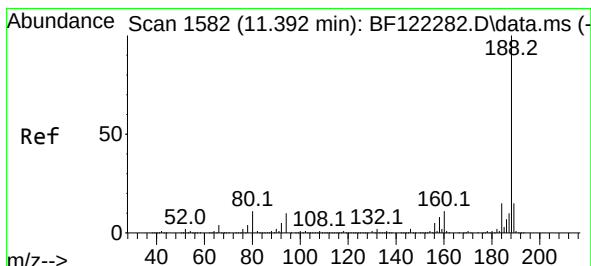
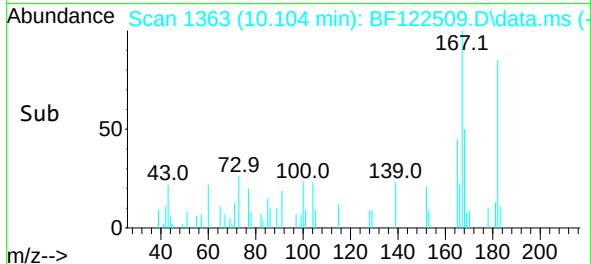
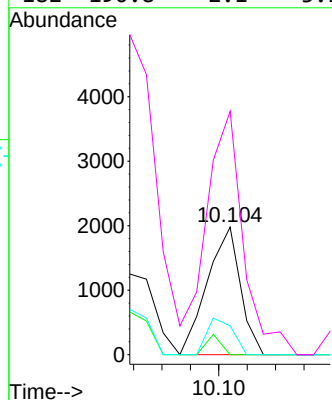
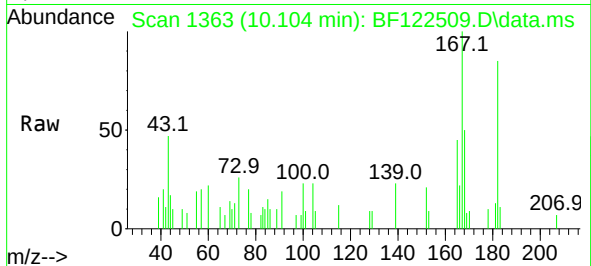




#57
2,4-Dinitrotoluene
Concen: 4.91 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.018 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

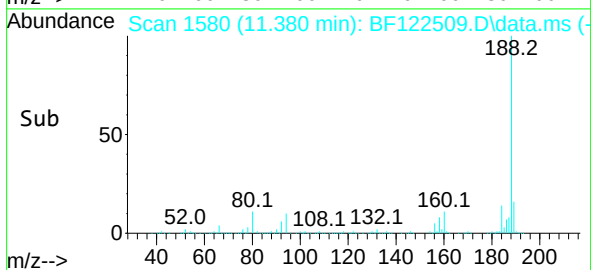
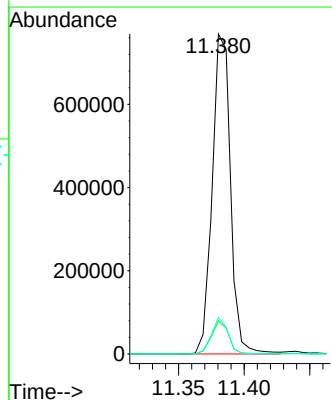
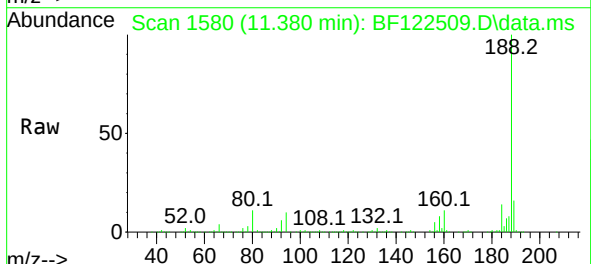
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

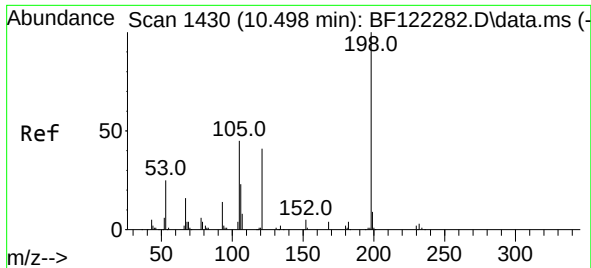
Tgt Ion:165 Resp: 1604
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 22.7 61.8 92.8#
182 190.8 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:188 Resp: 744800
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.1 13.7

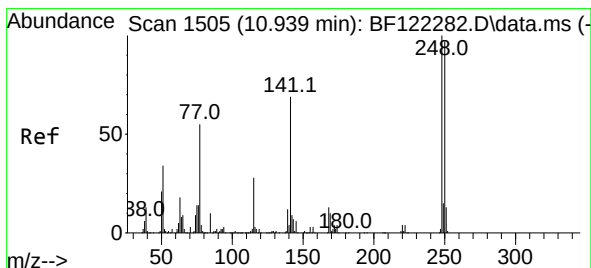
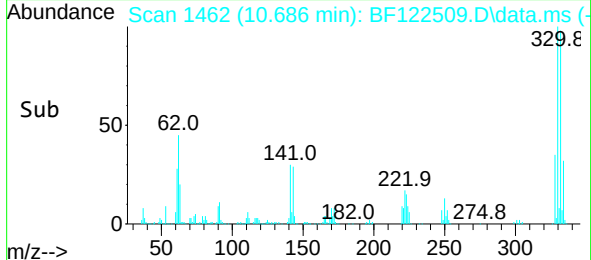
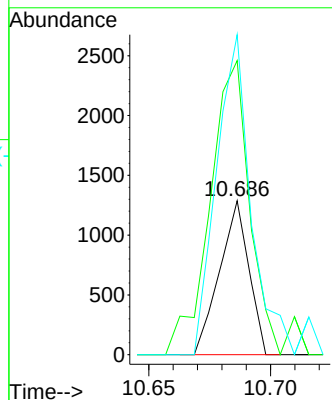
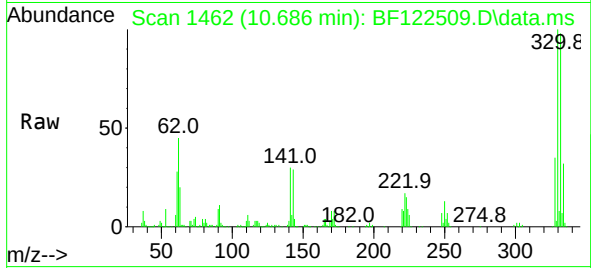




#65
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

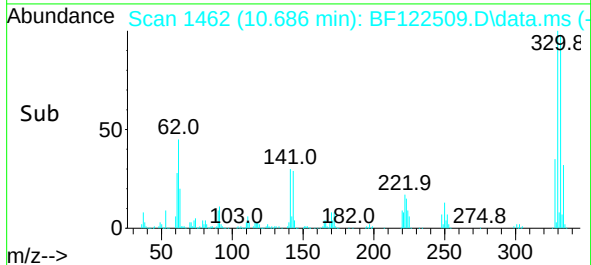
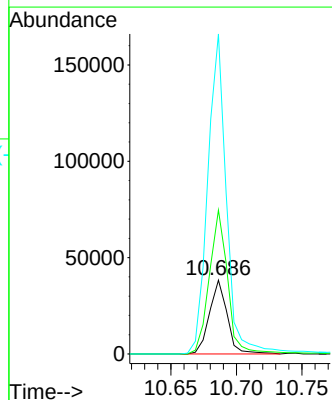
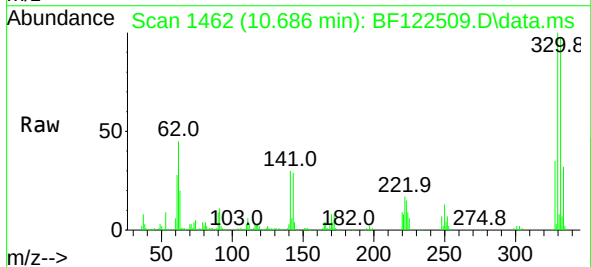
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

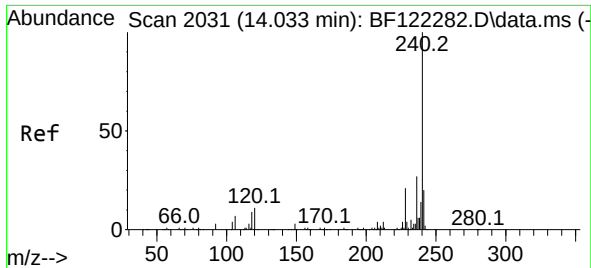
Tgt Ion:198 Resp: 1074
Ion Ratio Lower Upper
198 100
51 190.9 29.6 69.6#
105 207.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:248 Resp: 36223
Ion Ratio Lower Upper
248 100
250 195.2 77.0 115.6#
141 434.0 53.7 80.5#

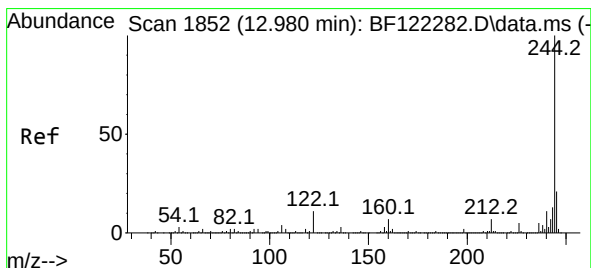
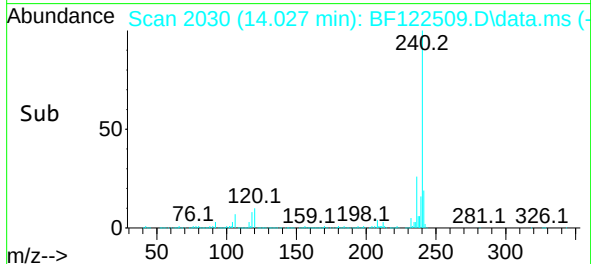
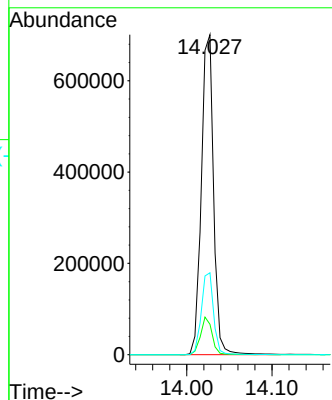
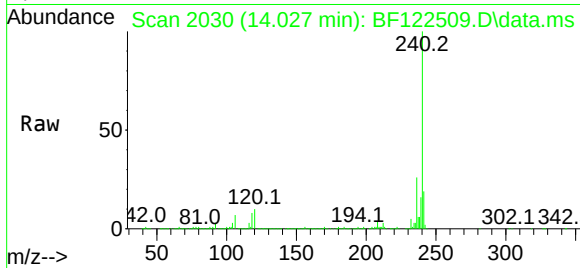




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

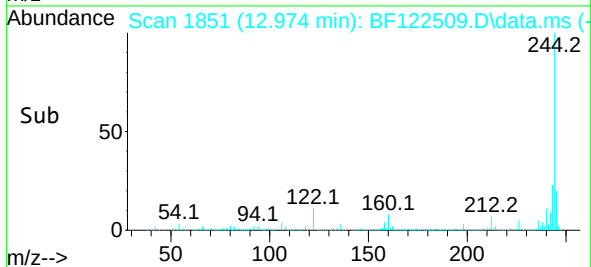
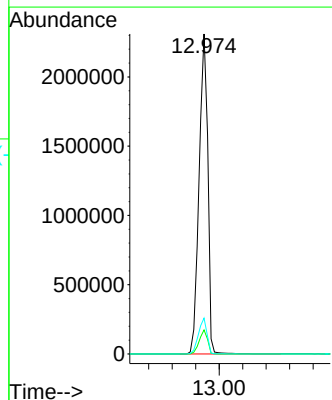
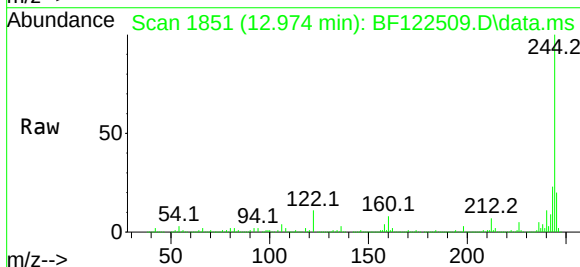
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

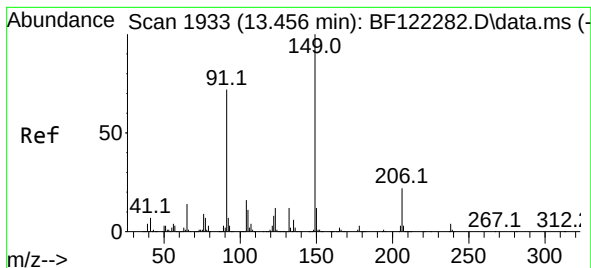
Tgt Ion:240 Resp: 698804
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 72.06 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:244 Resp: 2376868
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.2 8.1 12.1

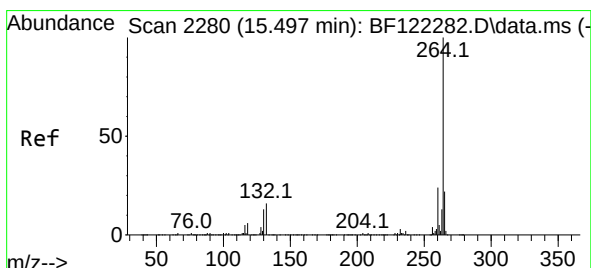
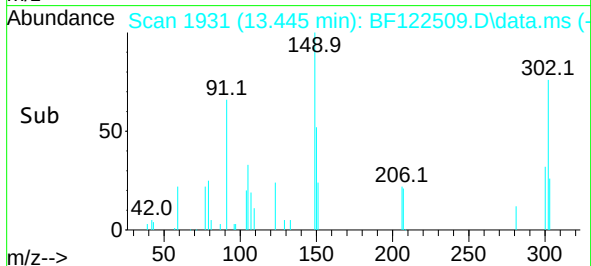
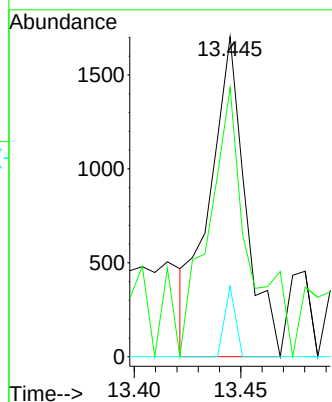
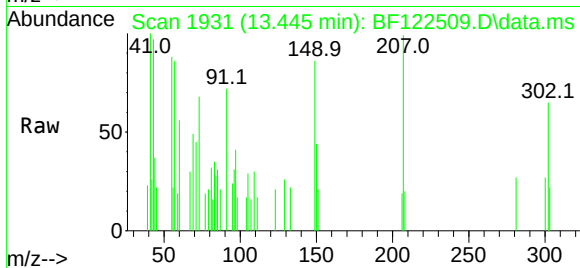




#80
Butylbenzylphthalate
Concen: 3.38 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF122509.D
Acq: 30 Nov 2020 16:24

Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

Tgt Ion:	149	Resp:	2012
Ion Ratio	Lower	Upper	
149	100		
91	84.1	61.0	91.4
206	21.9	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: BF122509.D
Acq: 30 Nov 2020 16:24

Tgt Ion:	264	Resp:	619743
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.4	17.3	25.9

