

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122512.D
 Acq On : 30 Nov 2020 17:59
 Operator : JU/CG
 Sample : L4903-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 01 00:11:29 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

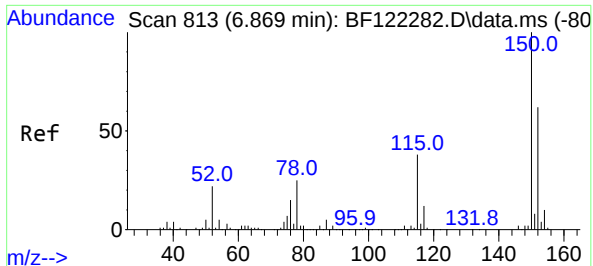
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	173019	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	679682	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	369152	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	707173	20.00	ng	0.00
76) Chrysene-d12	14.021	240	552712	20.00	ng	-0.01
86) Perylene-d12	15.504	264	560532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	437263	38.81	ng	-0.02
7) Phenol-d6	6.481	99	548820	37.23	ng	-0.02
23) Nitrobenzene-d5	7.410	82	329689	29.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	178951	45.17	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	703425	29.77	ng	0.00
79) Terphenyl-d14	12.969	244	745814	28.59	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1404	Below Cal	#	3
10) Phenol	6.493	94	51912	3.58	ng	76
19) n-Nitroso-di-n-propyla...	7.410	70	44569	5.06	ng	# 74
25) Isophorone	7.410	82	325916	13.17	ng	# 67
32) Benzoic acid	7.892	122	106	7.97	ng	# 21
48) 2-Nitroaniline	9.610	65	460	5.23	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	48333	11.43	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	48334	10.64	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.681	198	131	6.19	ng	# 1
80) Butylbenzylphthalate	13.404	149	1014	3.35	ng	# 55

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

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QLast Update : Tue Nov 24 14:38:56 2020
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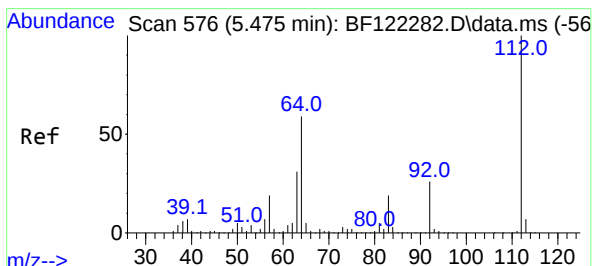
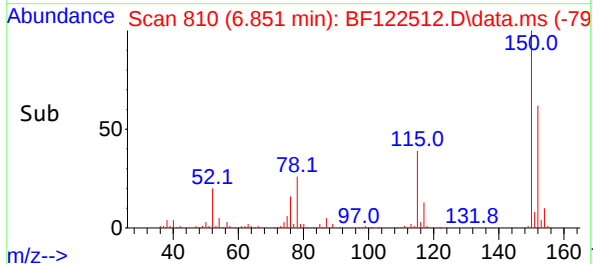
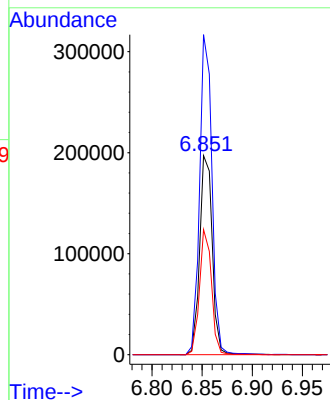
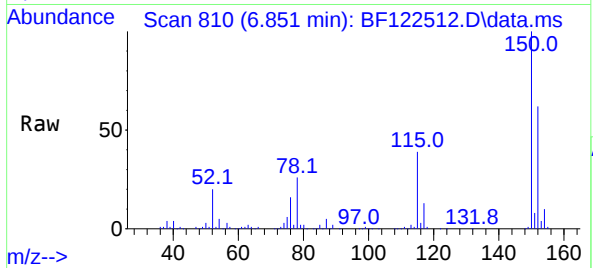




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF122512.D
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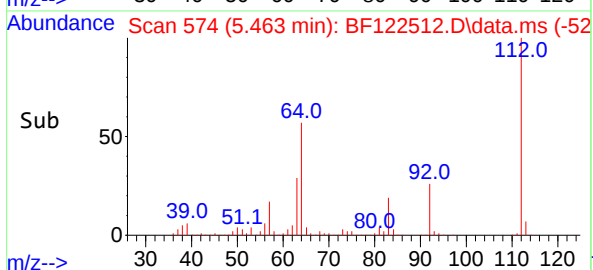
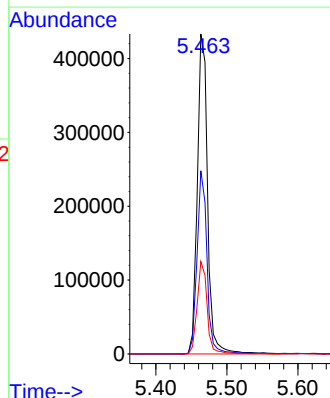
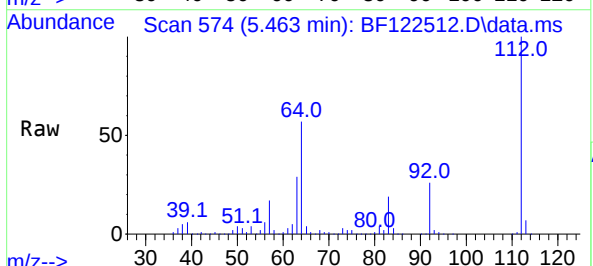
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

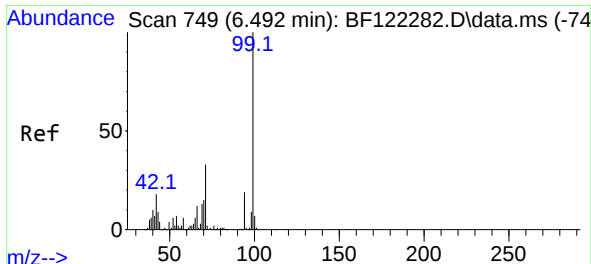
Tgt Ion:152 Resp: 173019
Ion Ratio Lower Upper
152 100
150 160.7 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 38.81 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion:112 Resp: 437263
Ion Ratio Lower Upper
112 100
64 57.3 50.4 75.6
63 28.9 25.8 38.6

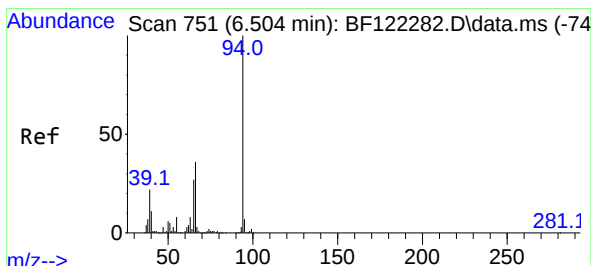
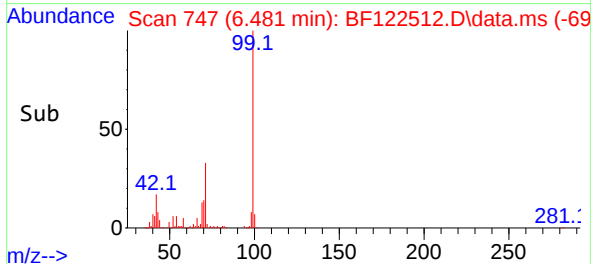
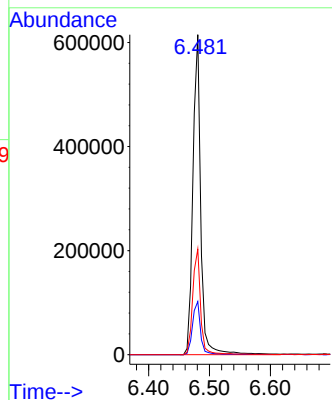
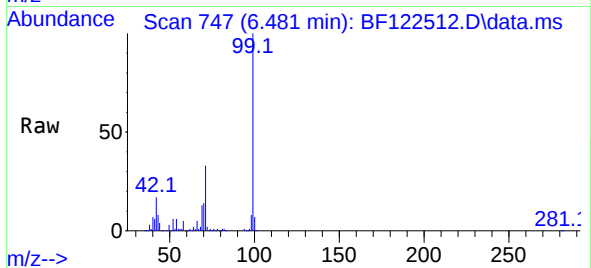




#7
Phenol-d6
Concen: 37.23 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

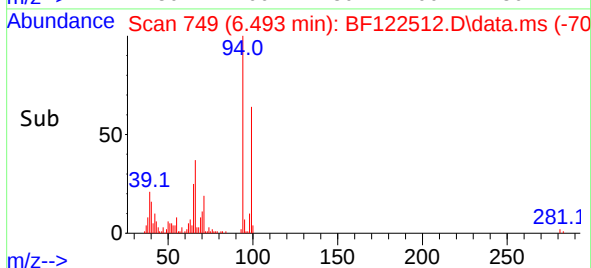
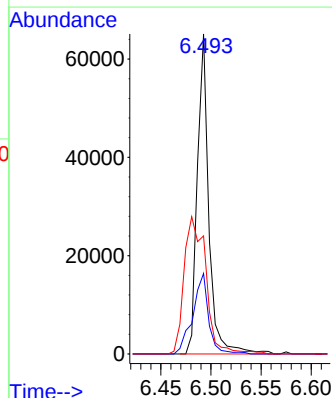
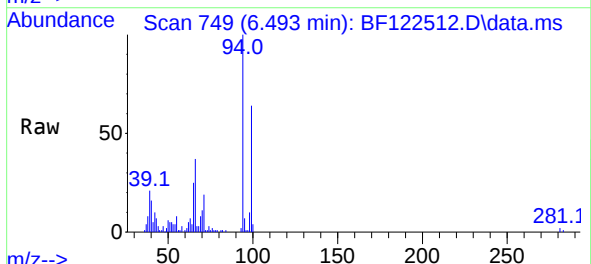
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

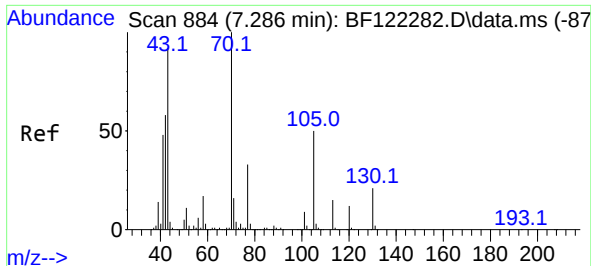
Tgt Ion: 99 Resp: 548820
Ion Ratio Lower Upper
99 100
42 16.6 15.9 23.9
71 33.0 27.1 40.7



#10
Phenol
Concen: 3.58 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion: 94 Resp: 51912
Ion Ratio Lower Upper
94 100
65 25.2 17.1 57.1
66 36.9 36.0 76.0

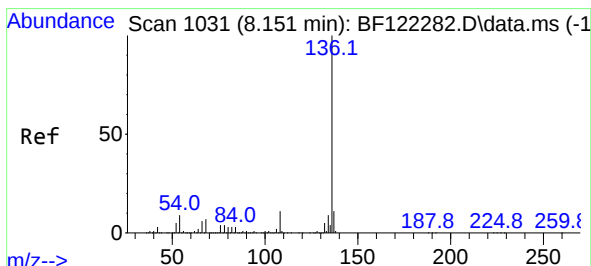
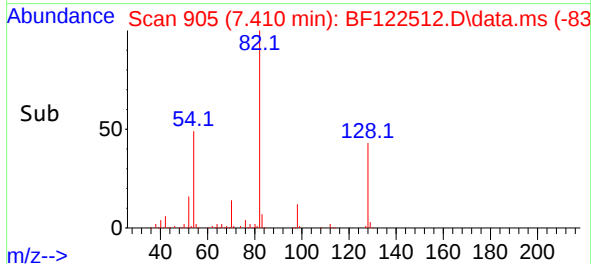
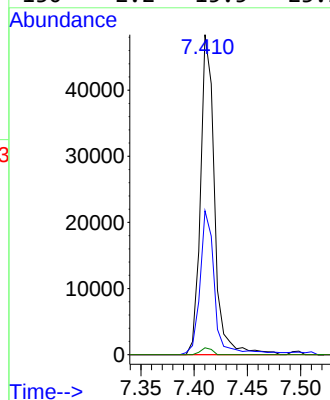
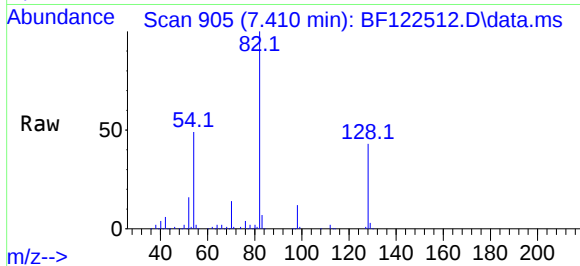




#19
n-Nitroso-di-n-propylamine
Concen: 5.06 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.129 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

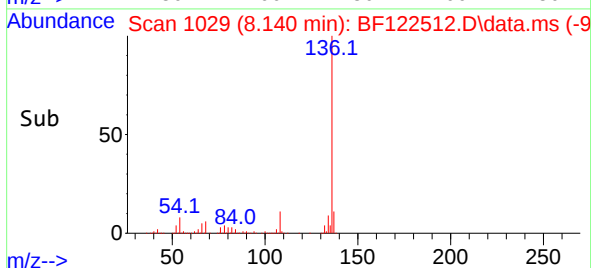
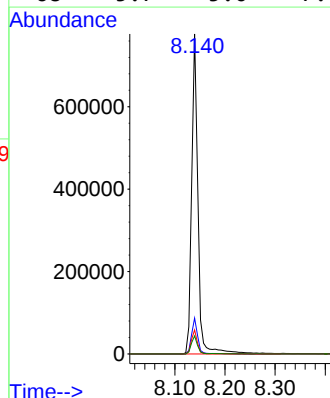
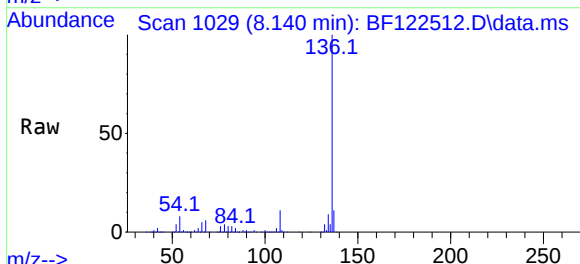
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

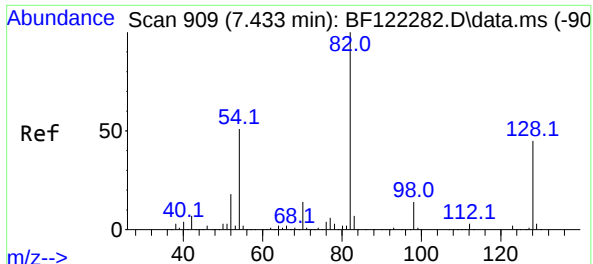
Tgt Ion:	70	Resp:	44569
Ion	Ratio	Lower	Upper
70	100		
42	45.0	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion:	136	Resp:	679682
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	7.1	10.7
68	5.7	5.0	7.4



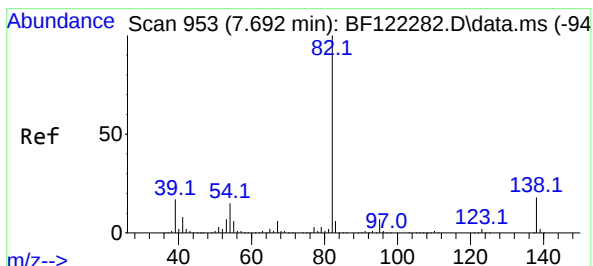
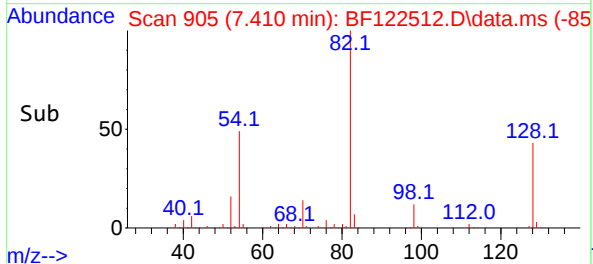
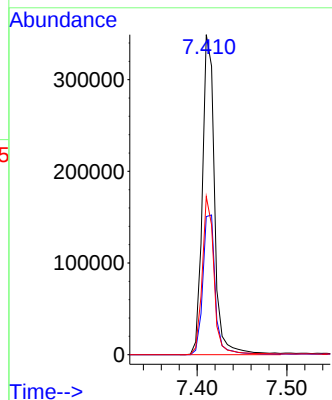
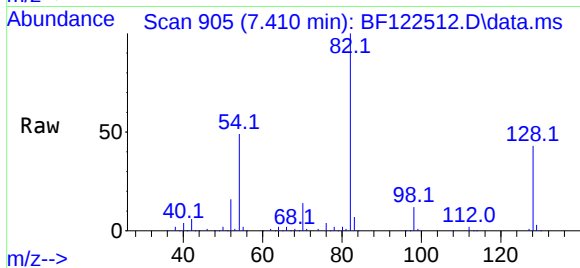


#23
Nitrobenzene-d5
Concen: 29.70 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

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

Tgt Ion: 82 Resp: 329689

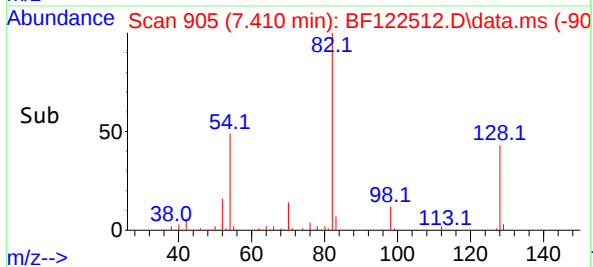
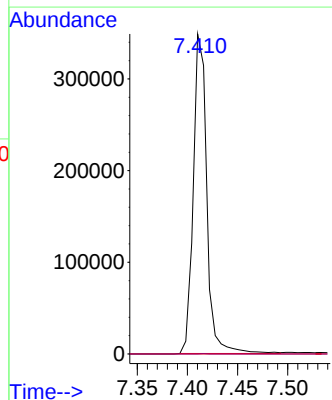
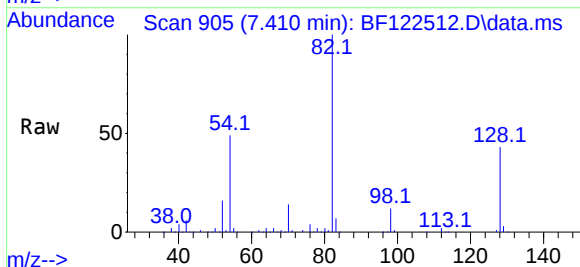
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.0	52.4
54	49.4	43.9	65.9

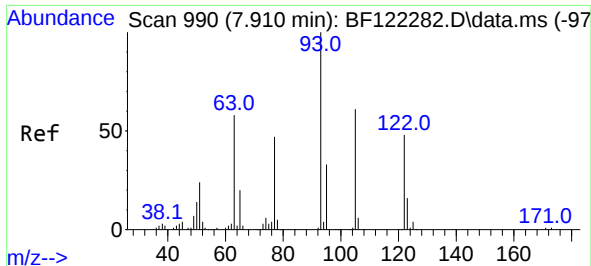


#25
Isophorone
Concen: 13.17 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.276 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion: 82 Resp: 325916

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

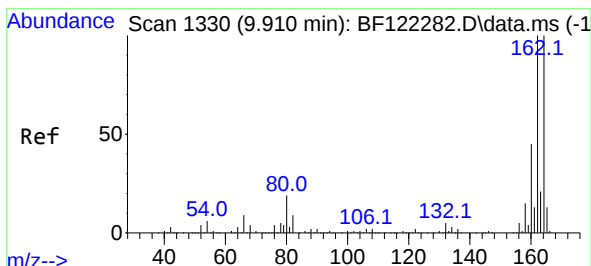
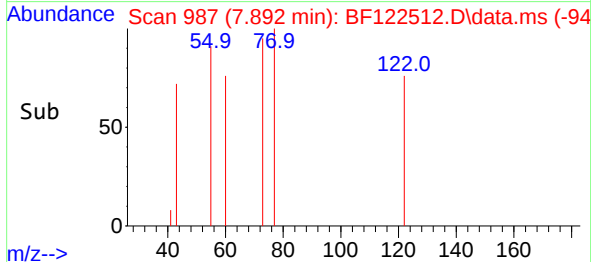
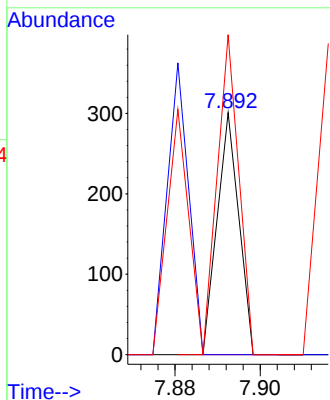
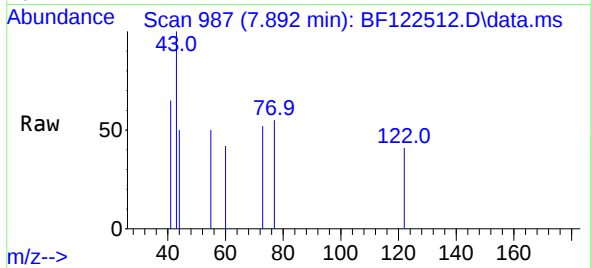




#32
Benzoic acid
Concen: 7.97 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.041 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

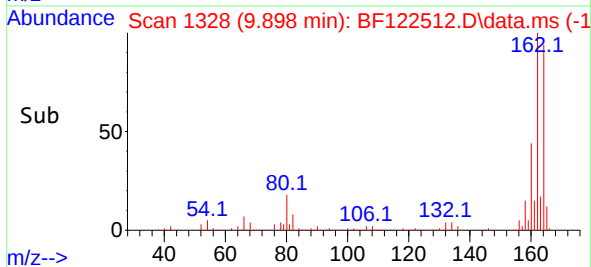
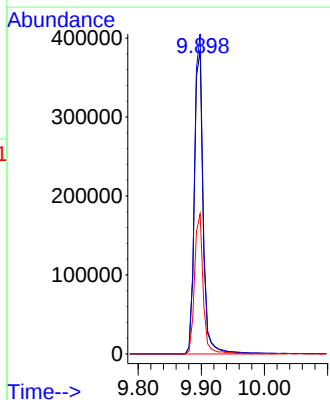
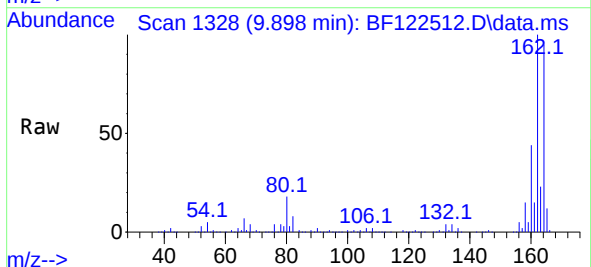
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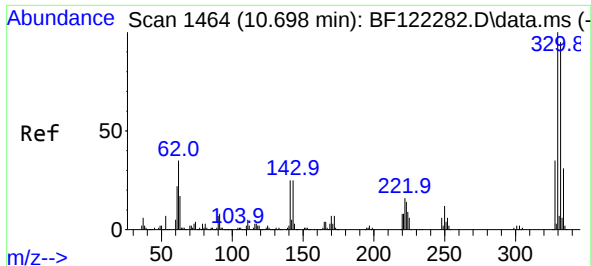
Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 132.2 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

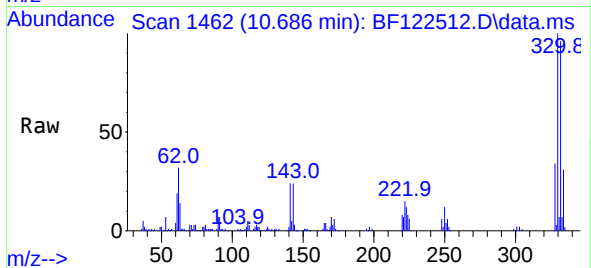
Tgt Ion:164 Resp: 369152
Ion Ratio Lower Upper
164 100
162 105.4 83.2 124.8
160 46.1 37.5 56.3



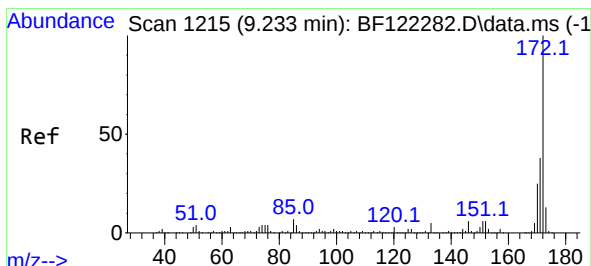
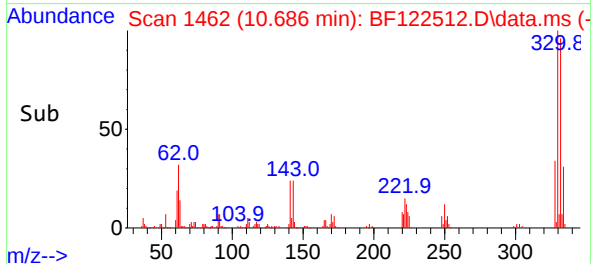
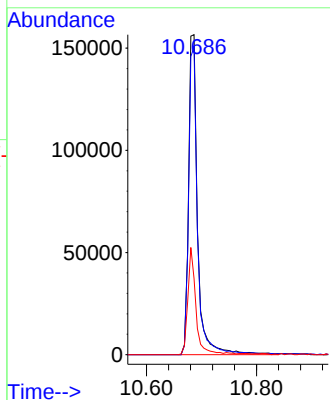


#42
2,4,6-Tribromophenol
Concen: 45.17 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

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

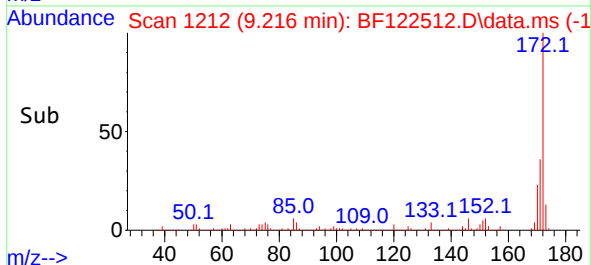
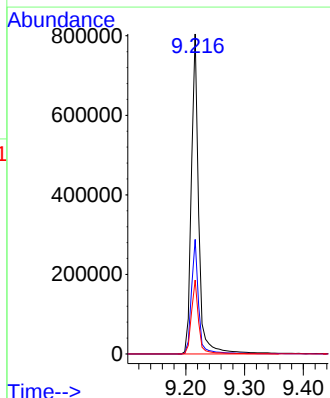
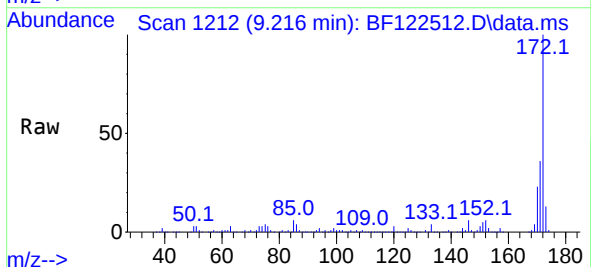


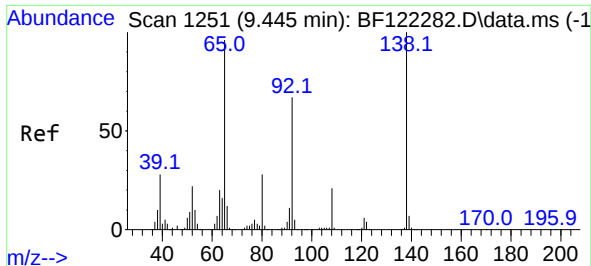
Tgt Ion: 330 Resp: 178951
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 29.77 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion: 172 Resp: 703425
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.1 19.8 29.6

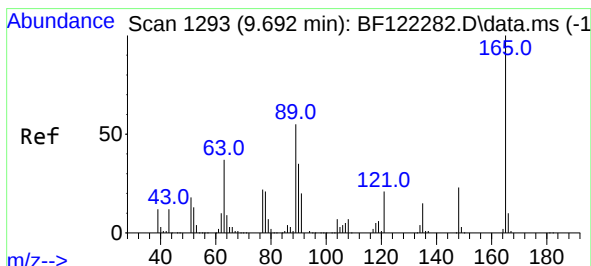
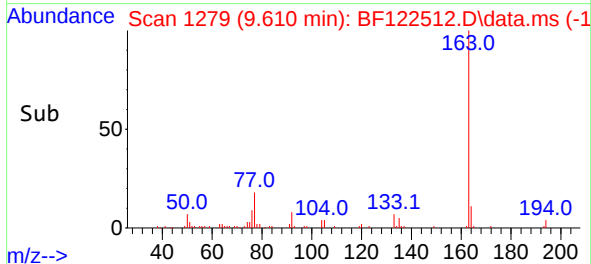
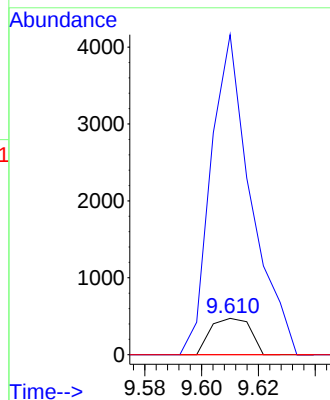
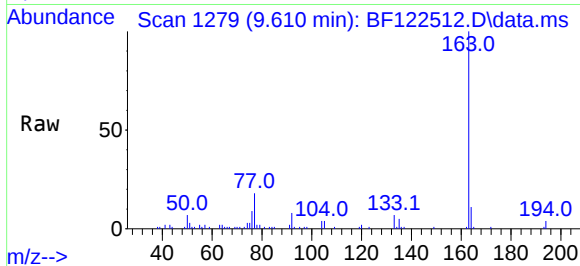




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.165 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

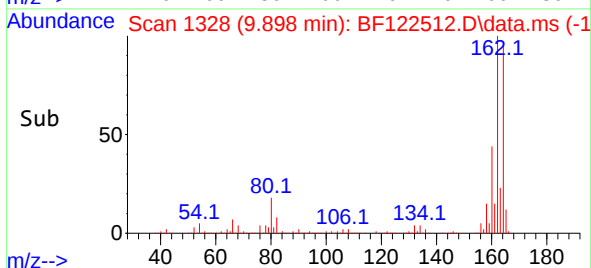
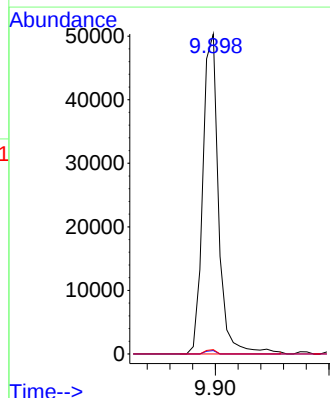
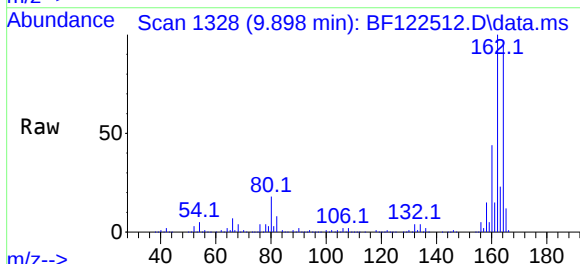
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

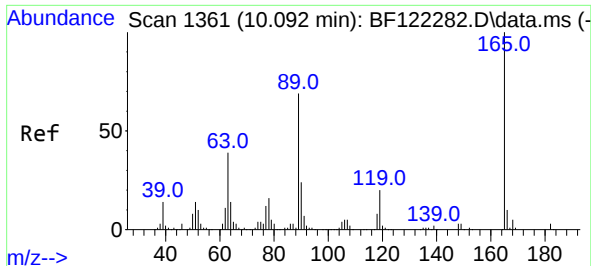
Tgt Ion: 65 Resp: 460
Ion Ratio Lower Upper
65 100
92 879.9 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.43 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion: 165 Resp: 48333
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.3 49.0 73.6#

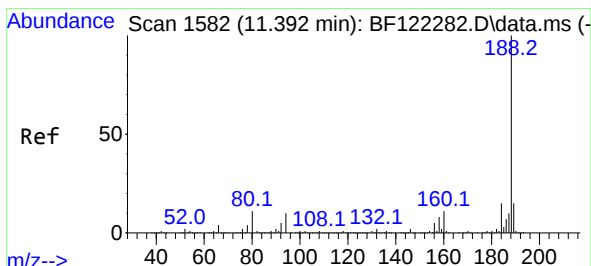
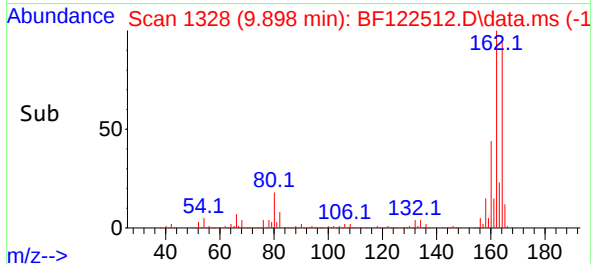
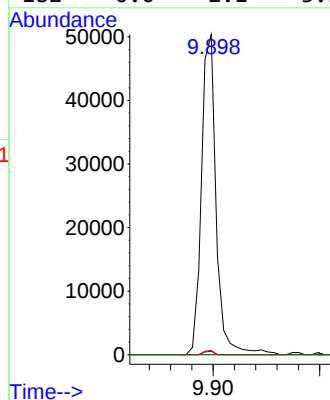
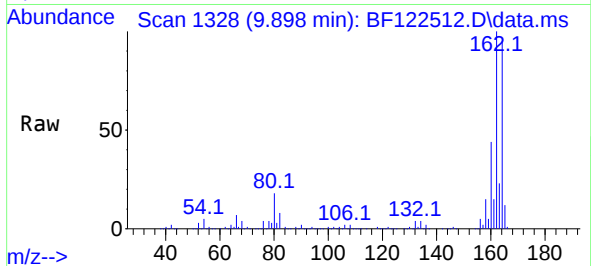




#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

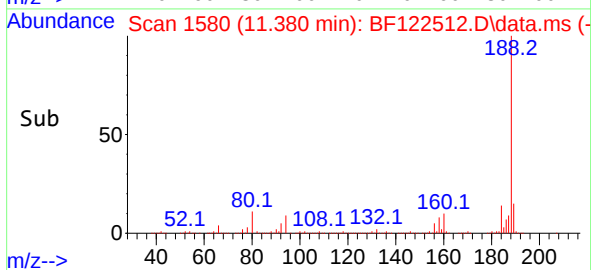
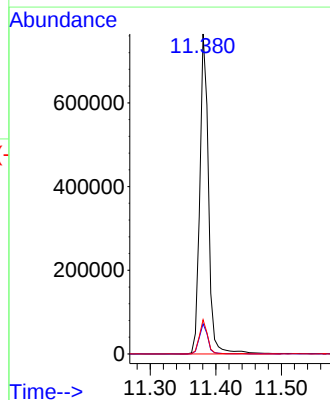
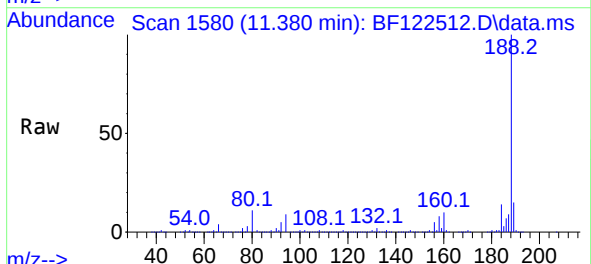
Instrument :
BNA_F
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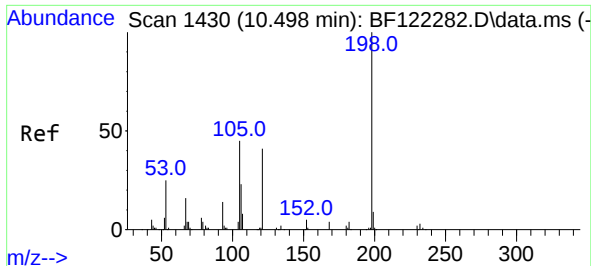
Tgt Ion:165	Resp:	48334
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion:188	Resp:	707173
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.3 12.5
80	10.7	9.1 13.7

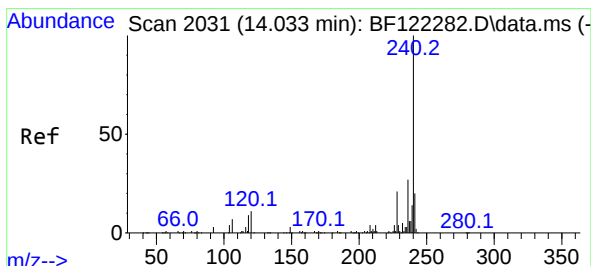
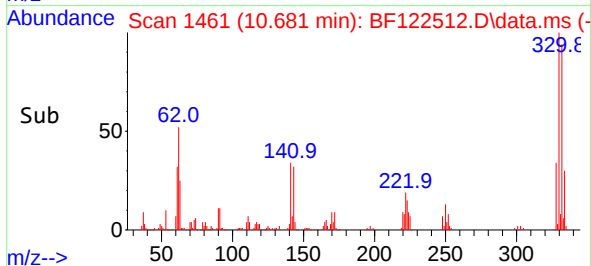
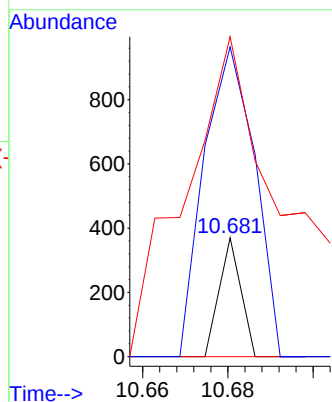
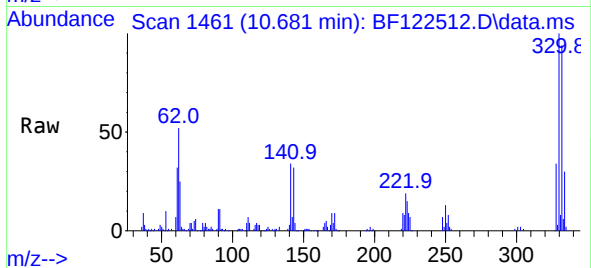




#65
4,6-Dinitro-2-methylphenol
Concen: 6.19 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

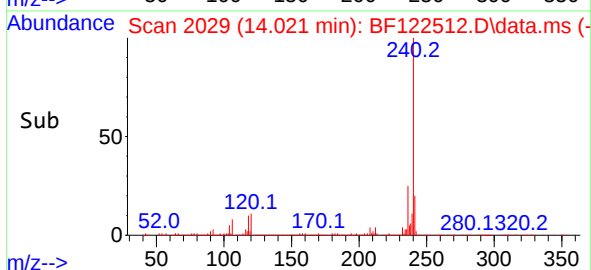
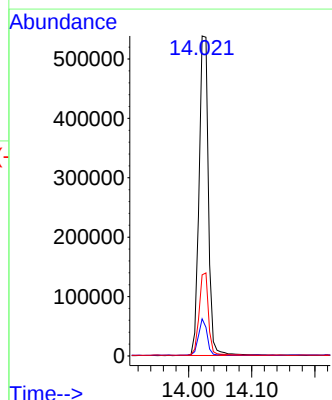
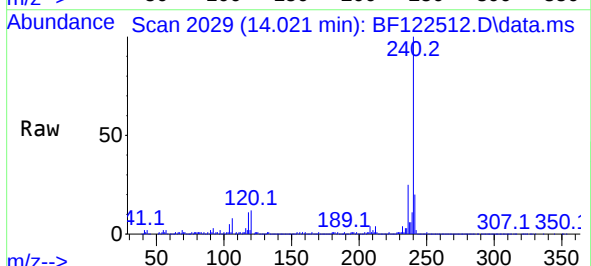
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

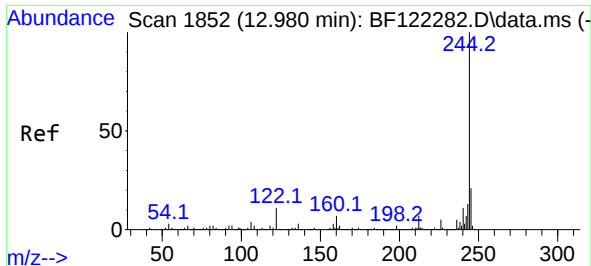
Tgt Ion:198	Resp:	131
Ion	Ratio	Lower Upper
198	100	
51	260.5	29.6 69.6#
105	269.2	24.4 64.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion:240	Resp:	552712
Ion	Ratio	Lower Upper
240	100	
120	11.6	9.2 13.8
236	25.4	20.9 31.3

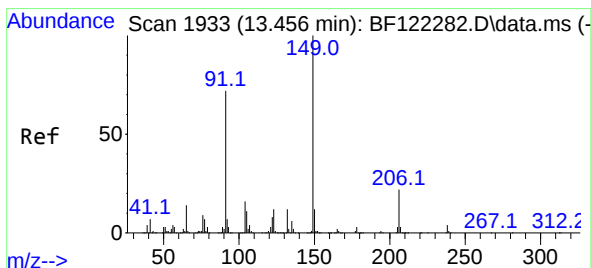
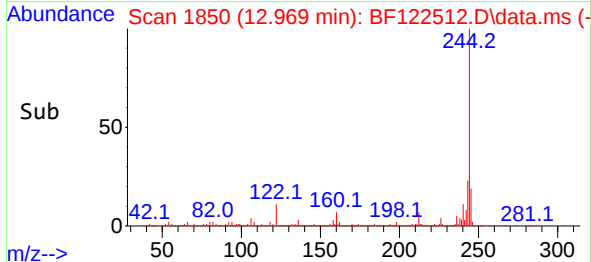
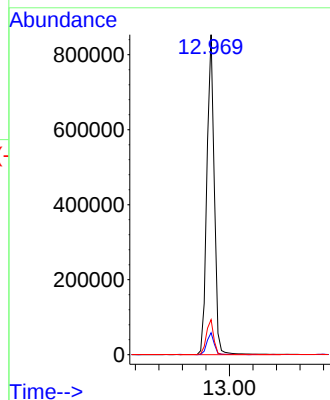
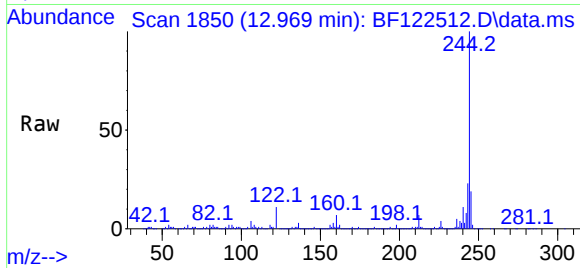




#79
Terphenyl-d14
Concen: 28.59 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

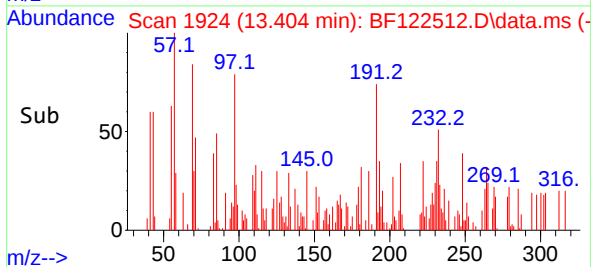
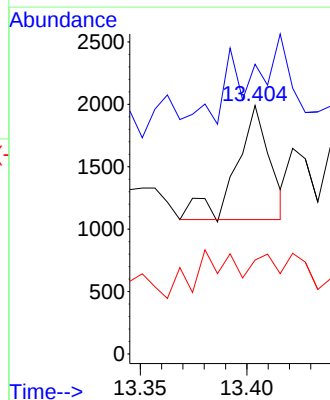
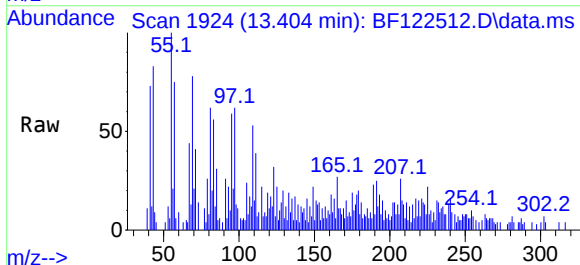
Instrument :
BNA_F
ClientSampleId :
TP-3-4-COMP

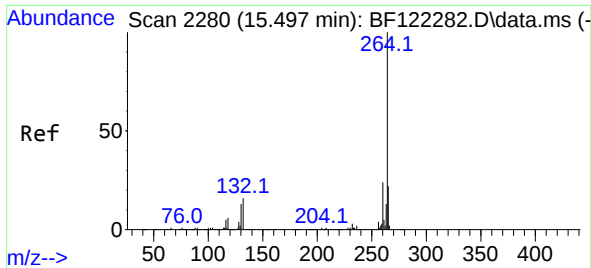
Tgt Ion:244 Resp: 745814
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.047 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

Tgt Ion:149 Resp: 1014
Ion Ratio Lower Upper
149 100
91 116.6 61.0 91.4#
206 37.8 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF122512.D
Acq: 30 Nov 2020 17:59

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

Tgt Ion:264 Resp: 560532
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.4 17.3 25.9

