

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122384.D
 Acq On : 19 Nov 2020 17:04
 Operator : JU/CG
 Sample : L4805-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-017-ABCD

Quant Time: Nov 20 00:02:29 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 10 12:25:42 2020
 Response via : Initial Calibration

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

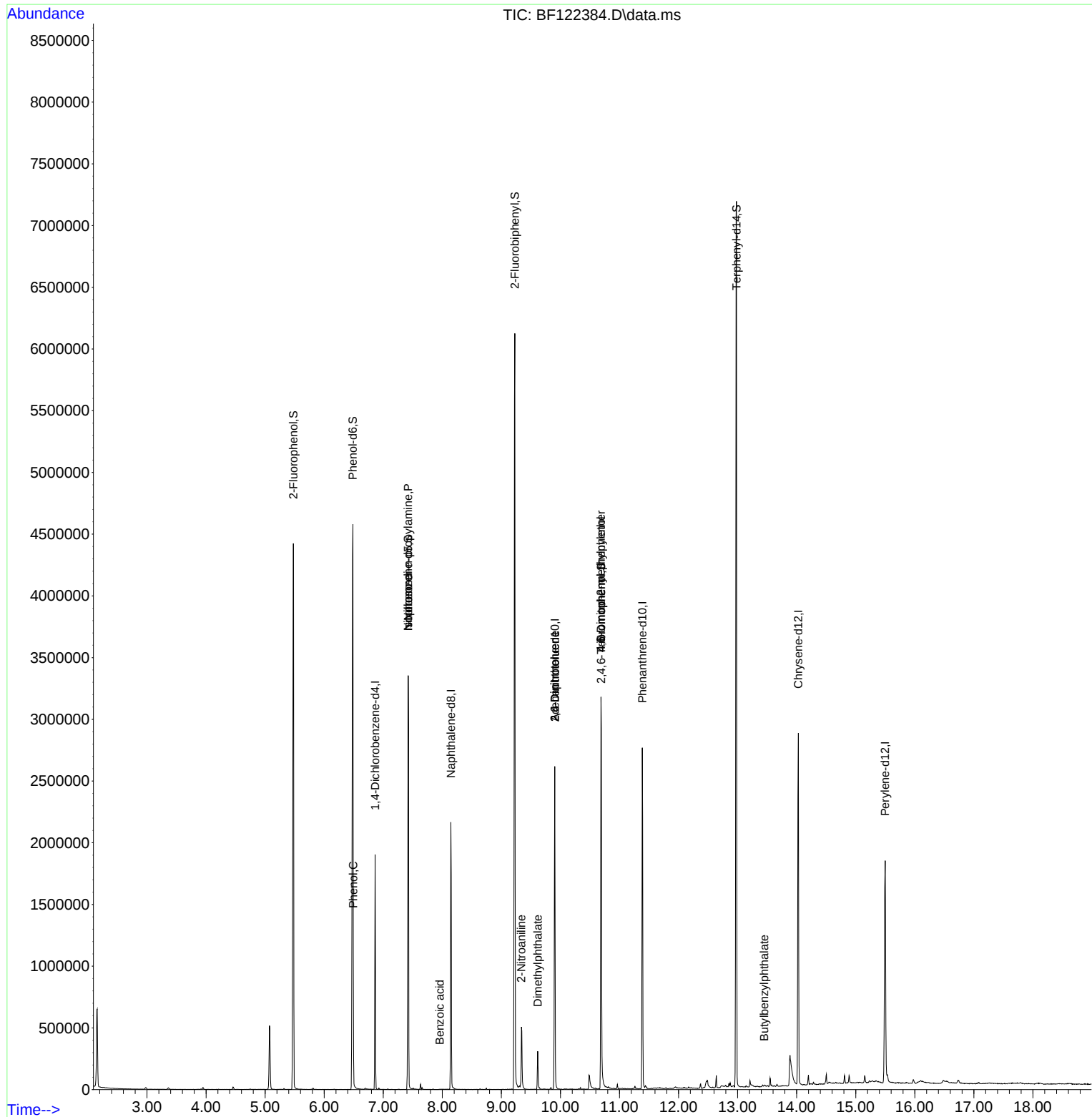
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	251173	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	981753	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	530504	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1013540	20.00	ng	0.00
76) Chrysene-d12	14.027	240	992090	20.00	ng	0.00
86) Perylene-d12	15.498	264	928412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1399280	85.54	ng	0.00
7) Phenol-d6	6.487	99	1836013	85.80	ng	0.00
23) Nitrobenzene-d5	7.422	82	1162118	72.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	463567	81.42	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2125769	62.61	ng	0.00
79) Terphenyl-d14	12.980	244	2527065	53.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	122	Below Cal	#	3
10) Phenol	6.492	94	86403	4.10	ng	87
19) n-Nitroso-di-n-propyla...	7.422	70	156618	12.25	ng	# 75
25) Isophorone	7.422	82	1153605	32.27	ng	# 67
32) Benzoic acid	7.957	122	964	8.05	ng	# 61
48) 2-Nitroaniline	9.339	65	5963	5.70	ng	# 12
50) Dimethylphthalate	9.616	163	134103	3.56	ng	99
51) 2,6-Dinitrotoluene	9.904	165	68553	11.33	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	68553	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	781	6.37	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	28716	2.41	ng	# 1
80) Butylbenzylphthalate	13.451	149	321	3.30	ng	# 67

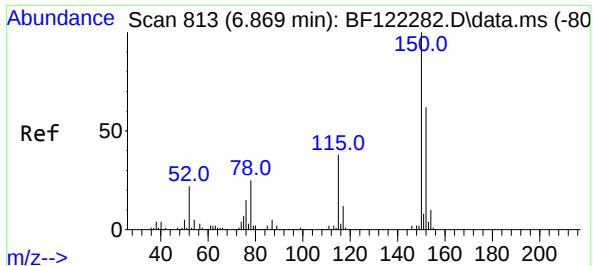
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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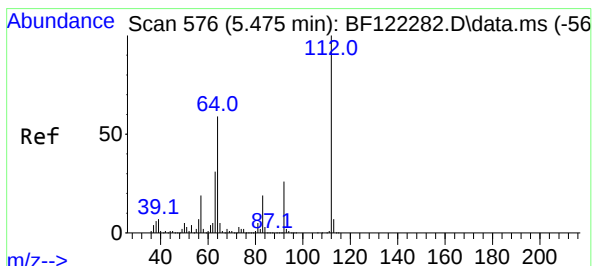
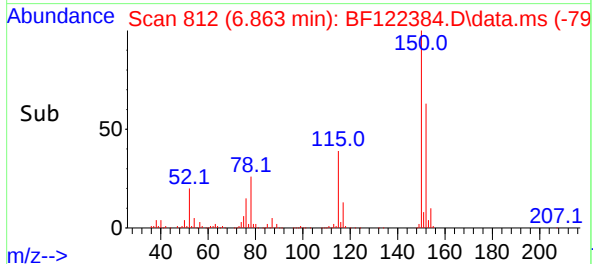
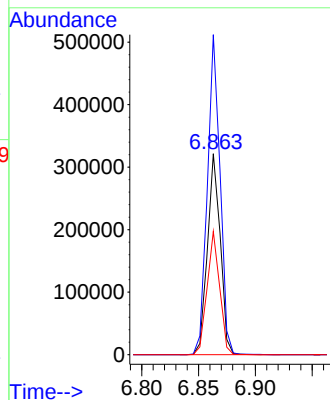
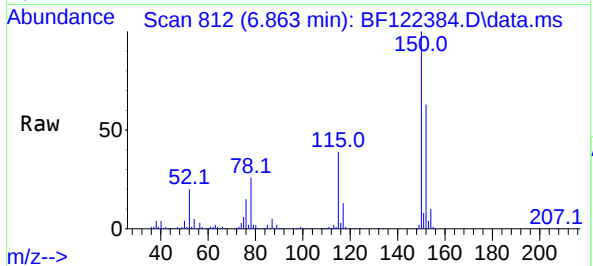




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

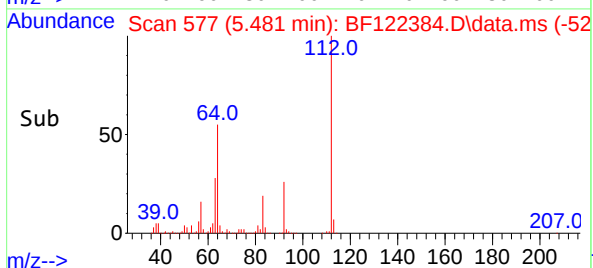
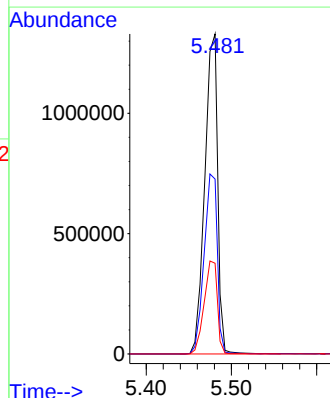
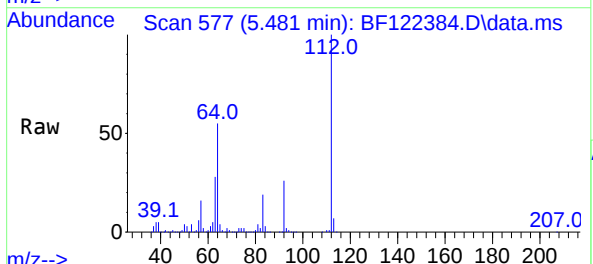
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

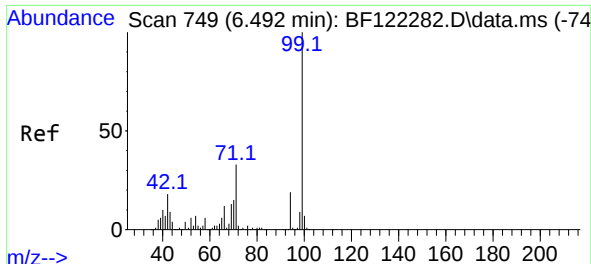
Tgt Ion:152 Resp: 251173
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 61.3 51.9 77.9



#5
2-Fluorophenol
Concen: 85.54 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:112 Resp: 1399280
Ion Ratio Lower Upper
112 100
64 54.7 50.4 75.6
63 28.4 25.8 38.6

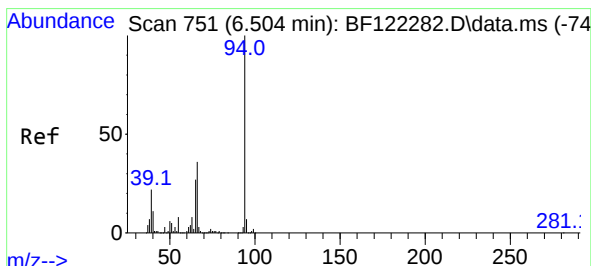
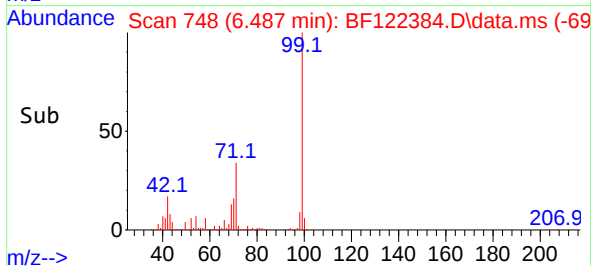
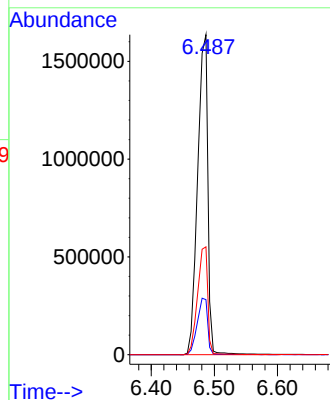
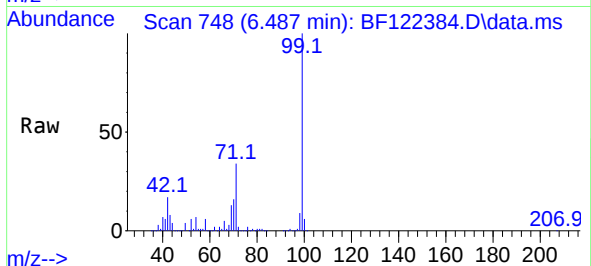




#7
Phenol-d6
Concen: 85.80 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

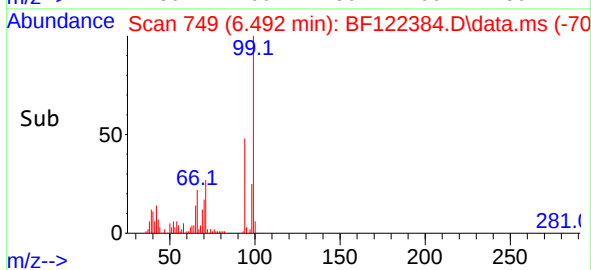
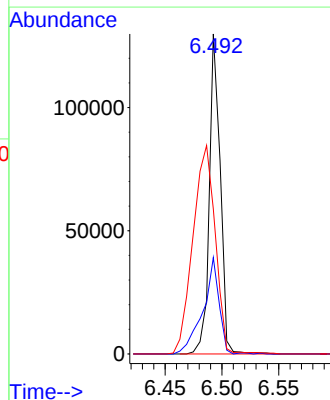
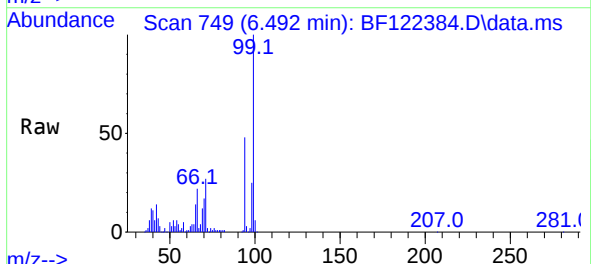
Instrument :
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ClientSampleId :
FK-BPM-03-017-ABCD

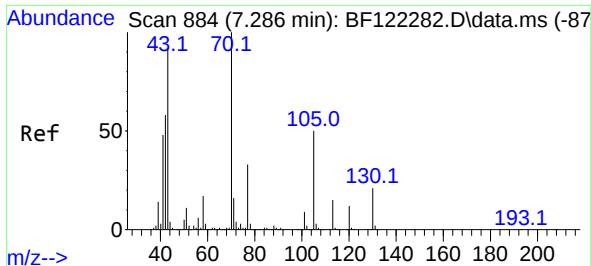
Tgt Ion: 99 Resp: 1836013
Ion Ratio Lower Upper
99 100
42 17.2 15.9 23.9
71 33.7 27.1 40.7



#10
Phenol
Concen: 4.10 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion: 94 Resp: 86403
Ion Ratio Lower Upper
94 100
65 30.1 17.1 57.1
66 45.3 36.0 76.0



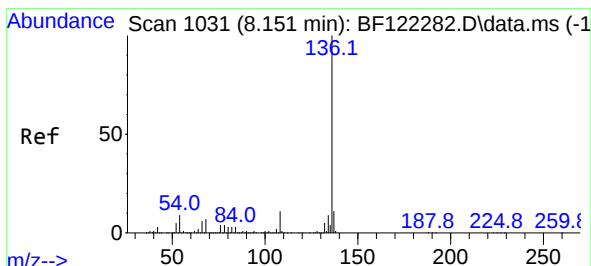
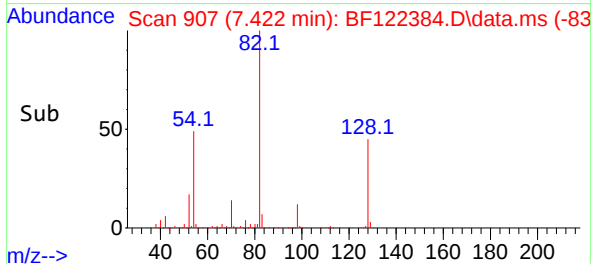
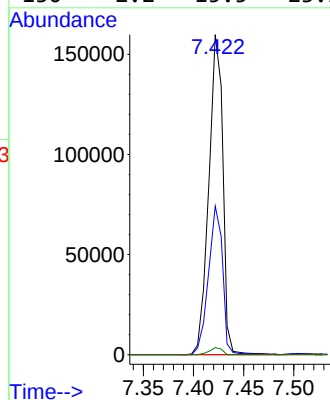
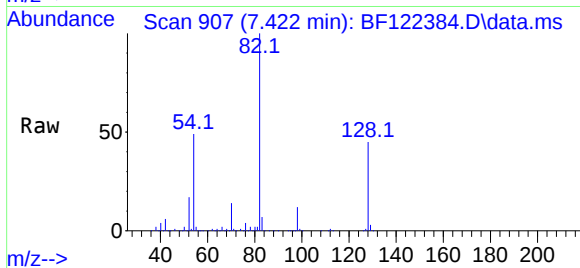


#19

n-Nitroso-di-n-propylamine
Concen: 12.25 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

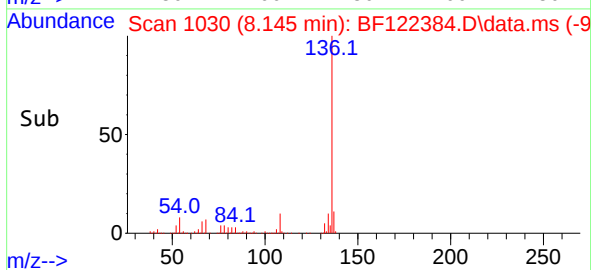
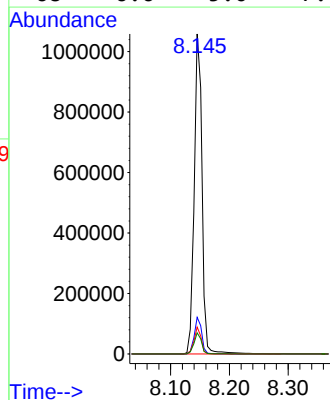
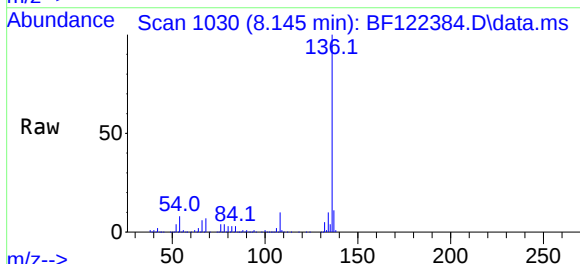
Tgt Ion:	70	Resp:	156618
Ion	Ratio	Lower	Upper
70	100		
42	46.4	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

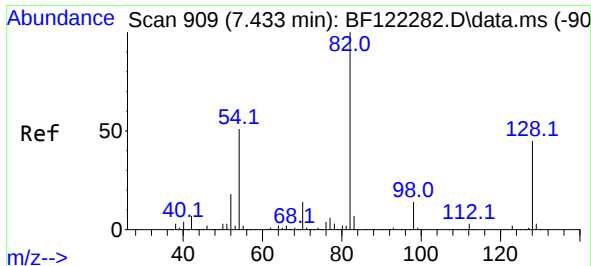


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:	136	Resp:	981753
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.4	7.1	10.7
68	6.6	5.0	7.4

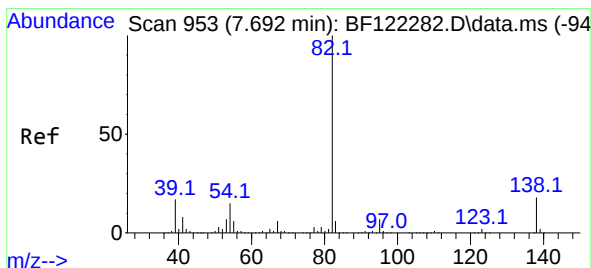
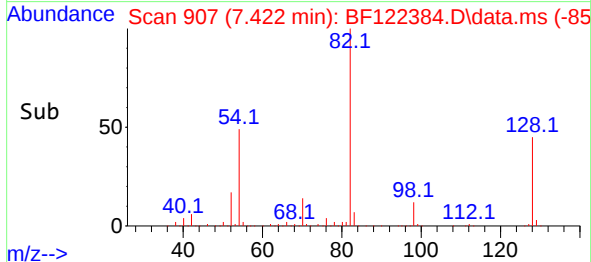
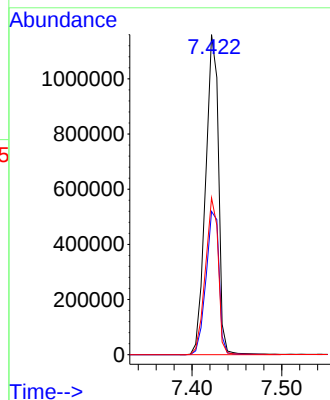
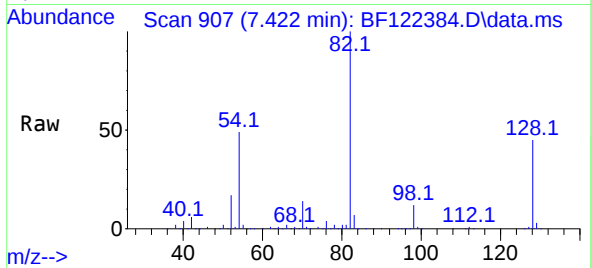




#23
Nitrobenzene-d5
Concen: 72.47 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

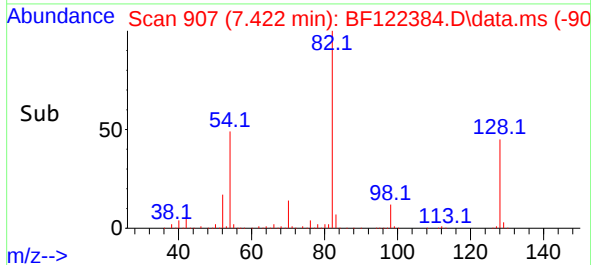
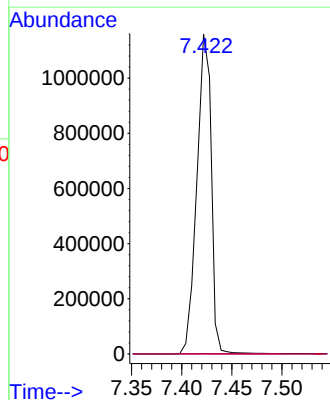
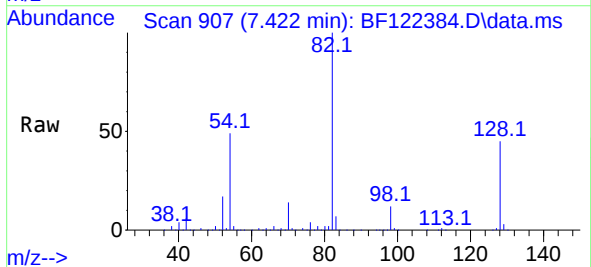
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

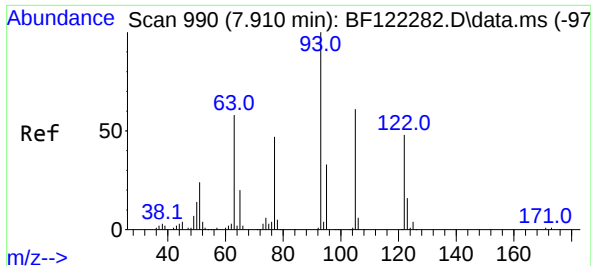
Tgt Ion: 82 Resp: 1162118
Ion Ratio Lower Upper
82 100
128 44.8 35.0 52.4
54 49.0 43.9 65.9



#25
Isophorone
Concen: 32.27 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion: 82 Resp: 1153605
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

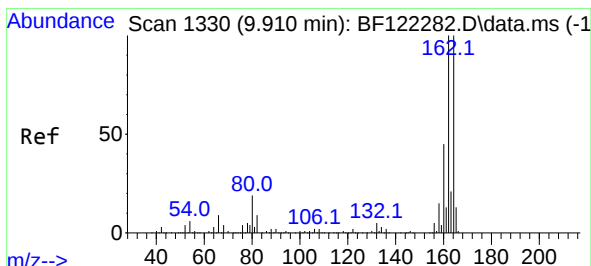
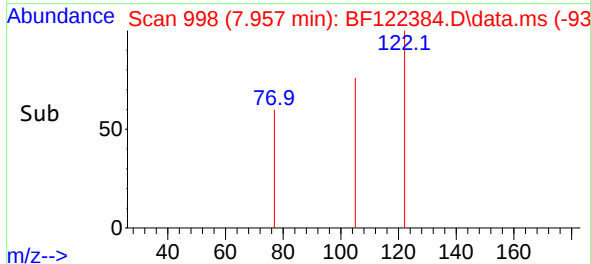
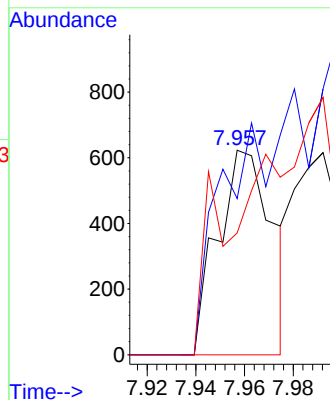
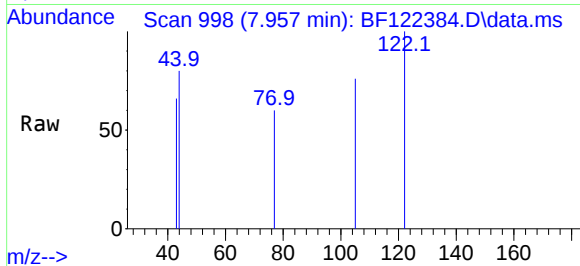




#32
Benzoic acid
Concen: 8.05 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.047 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

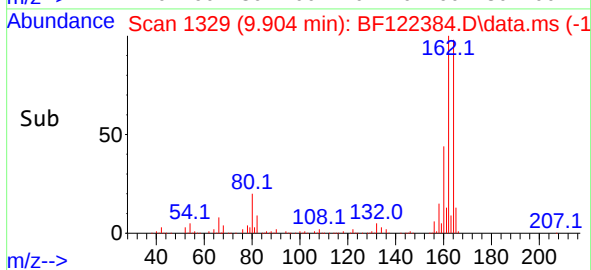
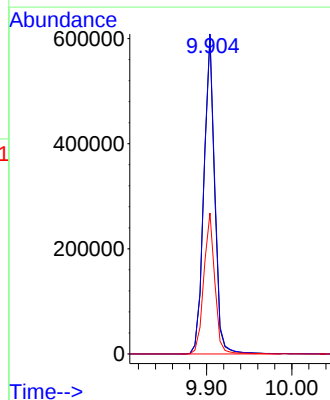
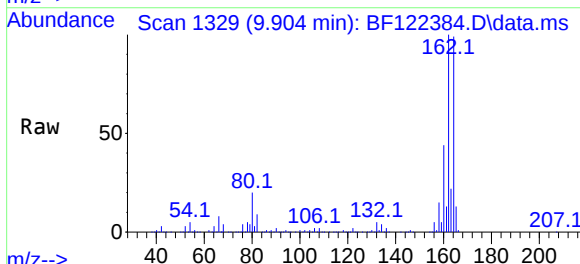
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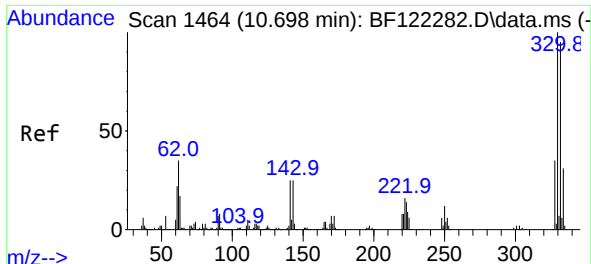
Tgt Ion:122 Resp: 964
Ion Ratio Lower Upper
122 100
105 76.4 103.3 143.3#
77 59.6 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:164 Resp: 530504
Ion Ratio Lower Upper
164 100
162 100.8 83.2 124.8
160 44.4 37.5 56.3

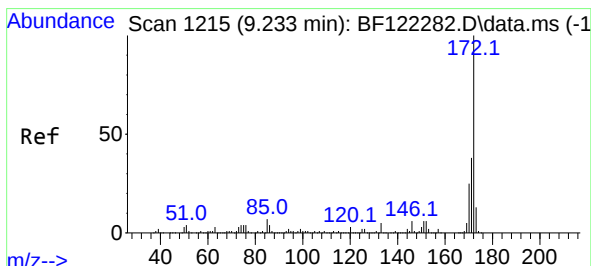
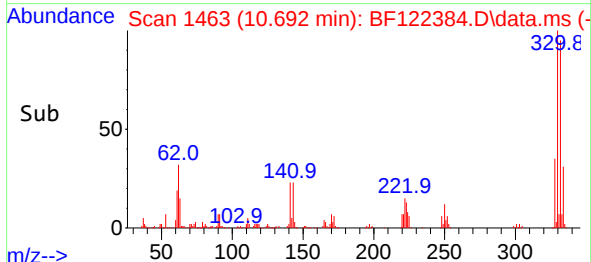
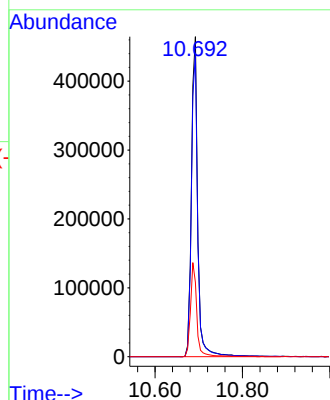
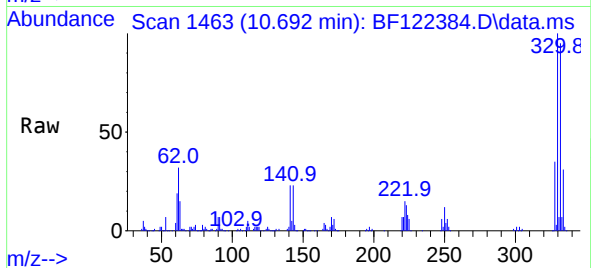




#42
2,4,6-Tribromophenol
Concen: 81.42 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

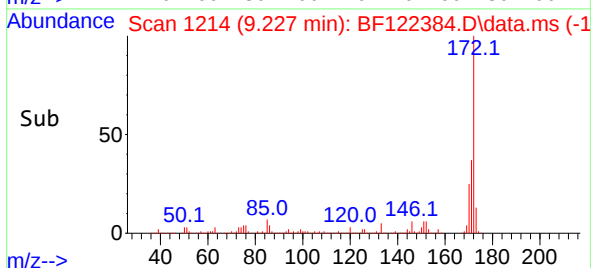
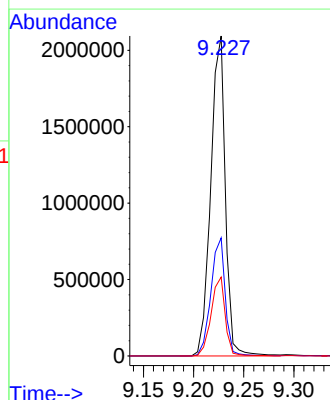
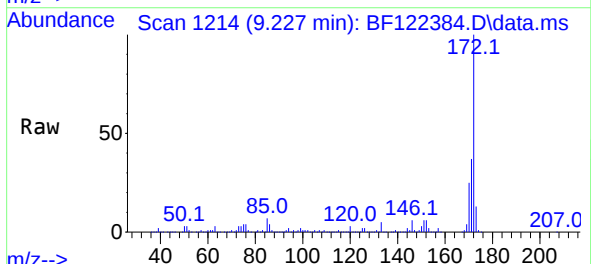
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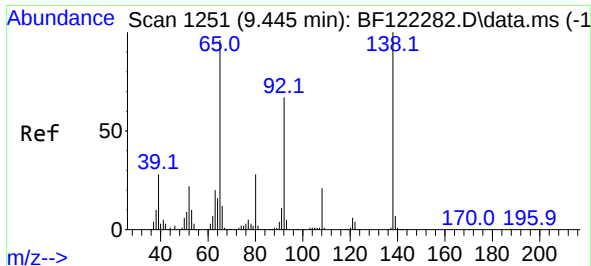
Tgt Ion: 330 Resp: 463567
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.61 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion: 172 Resp: 2125769
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.6 19.8 29.6

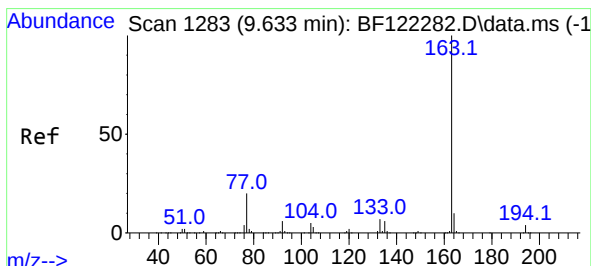
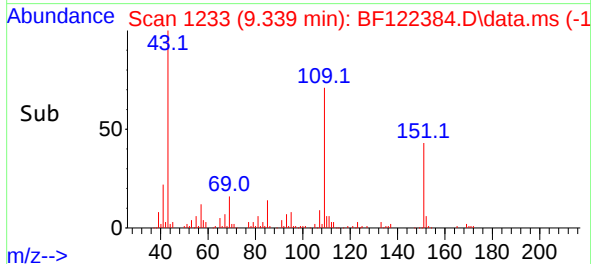
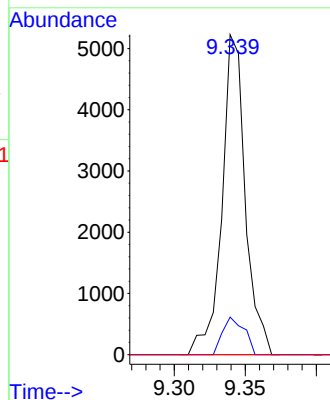
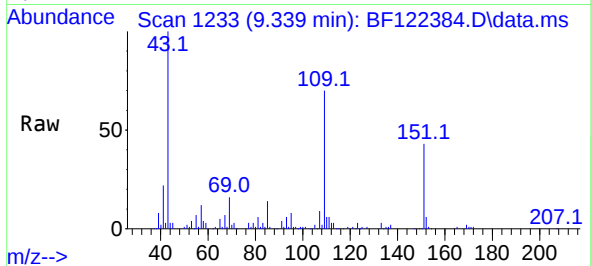




#48
2-Nitroaniline
Concen: 5.70 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

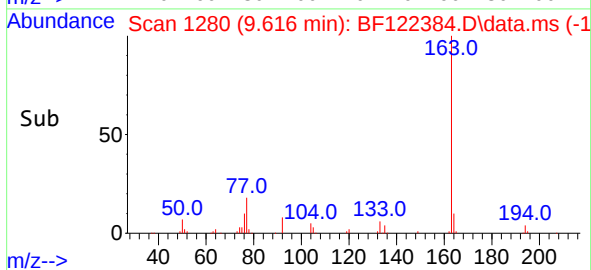
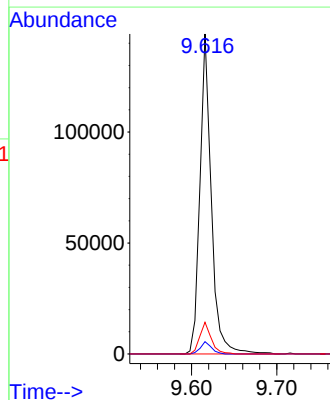
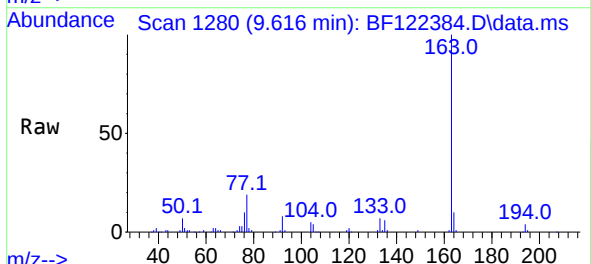
Instrument :
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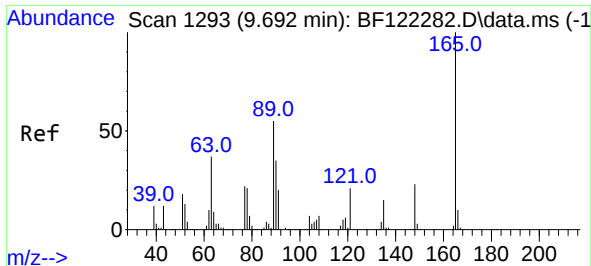
Tgt Ion: 65 Resp: 5963
Ion Ratio Lower Upper
65 100
92 11.7 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.56 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion: 163 Resp: 134103
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.2 12.4

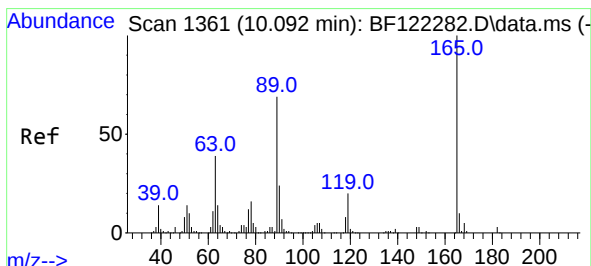
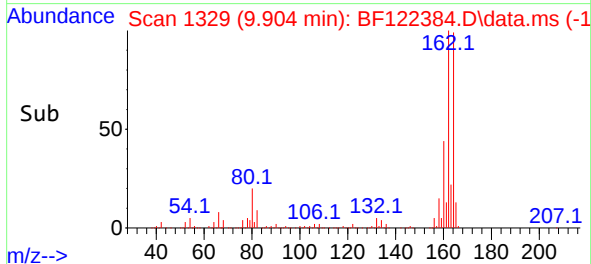
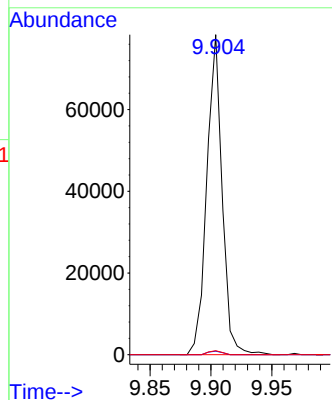
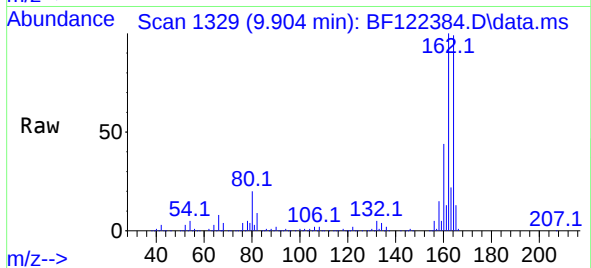




#51
2,6-Dinitrotoluene
Concen: 11.33 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

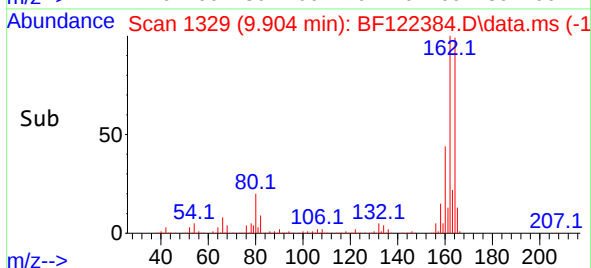
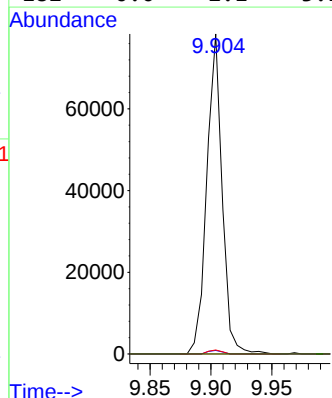
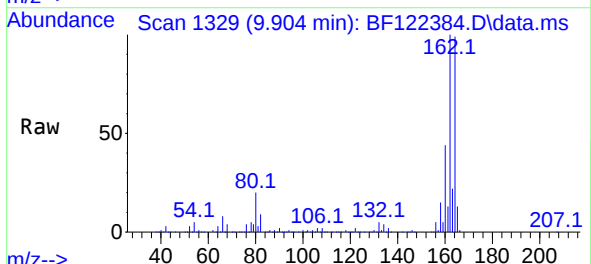
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

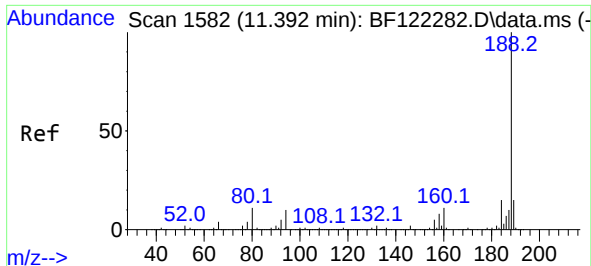
Tgt Ion:165 Resp: 68553
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.2 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:165 Resp: 68553
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

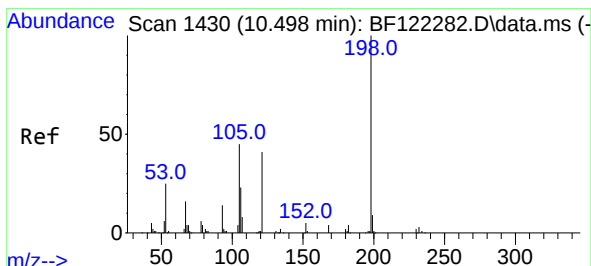
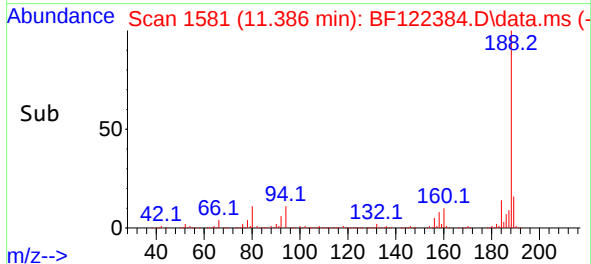
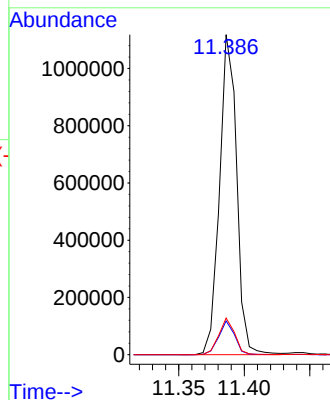
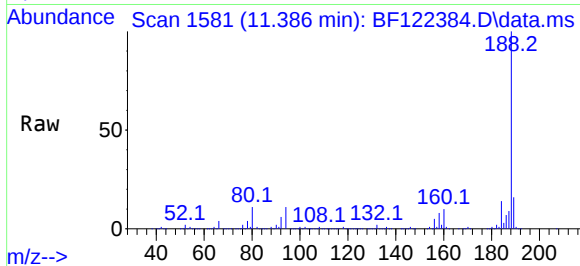




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

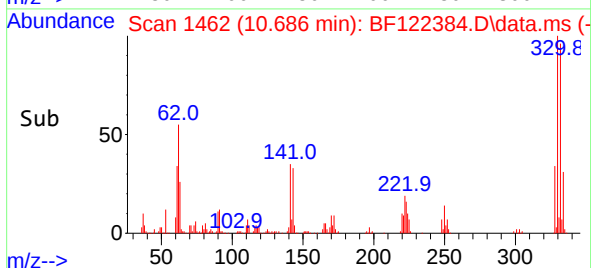
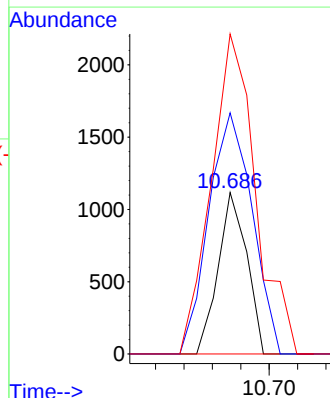
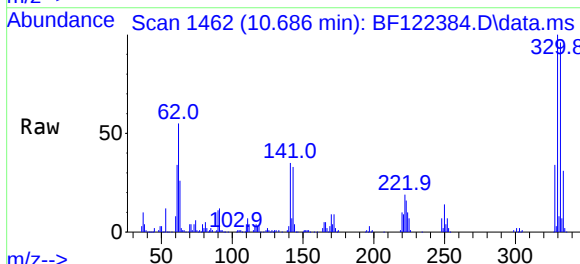
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

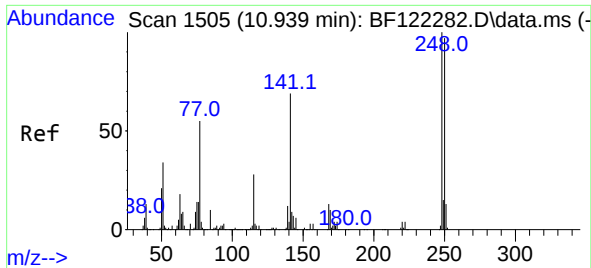
Tgt Ion:188 Resp: 1013540
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:198 Resp: 781
Ion Ratio Lower Upper
198 100
51 149.3 29.6 69.6#
105 198.2 24.4 64.4#

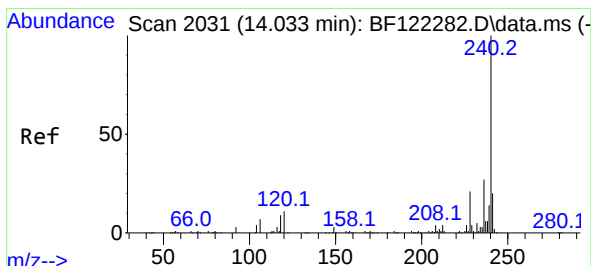
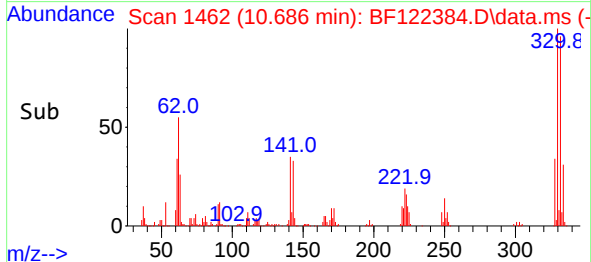
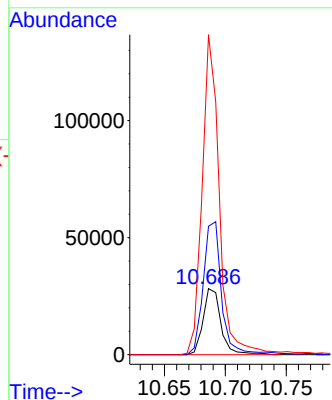
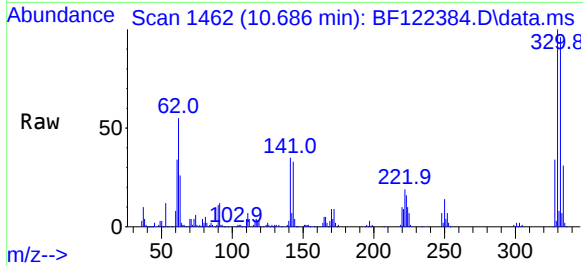




#67
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

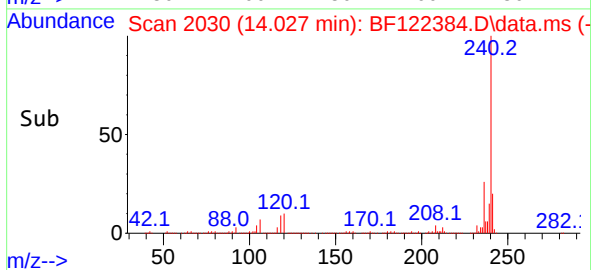
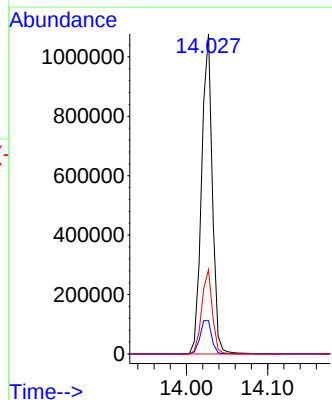
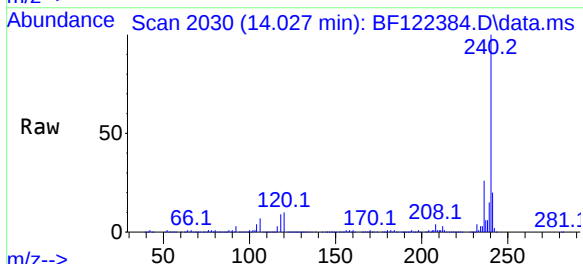
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

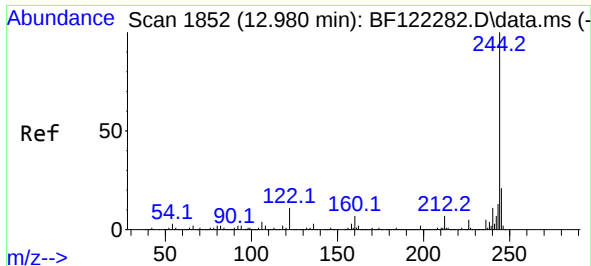
Tgt Ion:248 Resp: 28716
Ion Ratio Lower Upper
248 100
250 194.3 77.0 115.6#
141 483.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:240 Resp: 992090
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.4 20.9 31.3

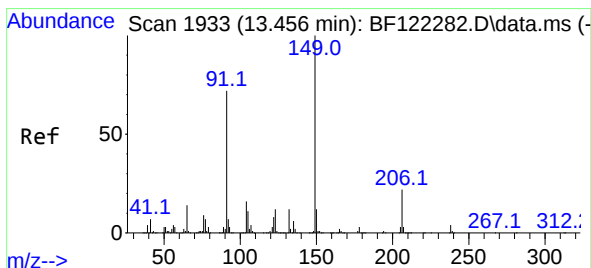
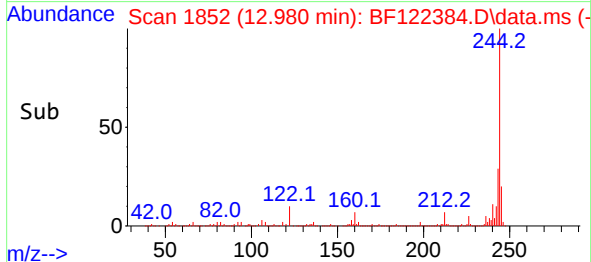
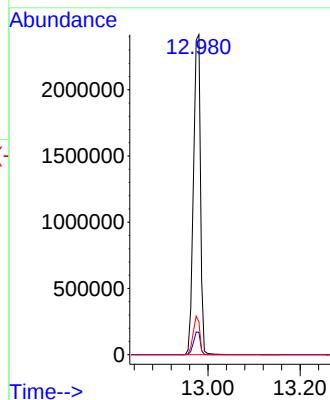
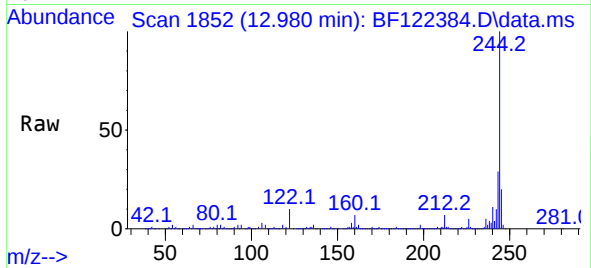




#79
Terphenyl-d14
Concen: 53.96 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

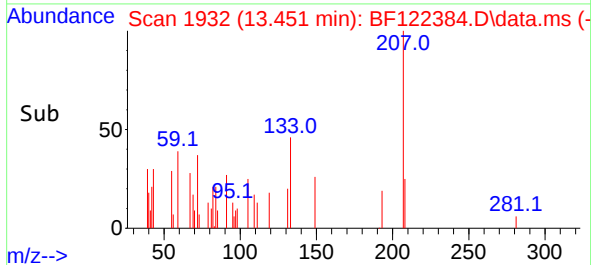
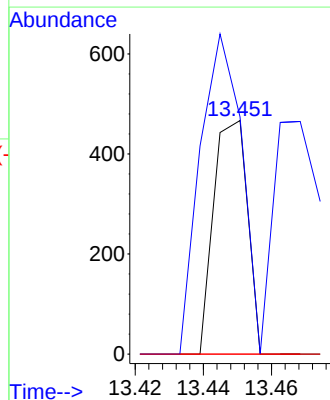
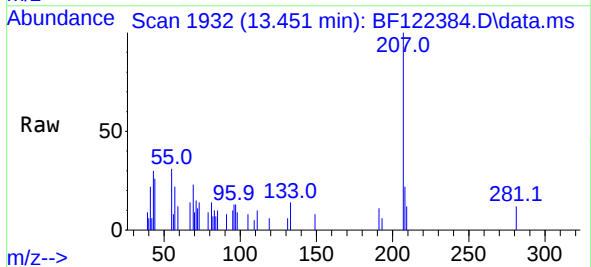
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

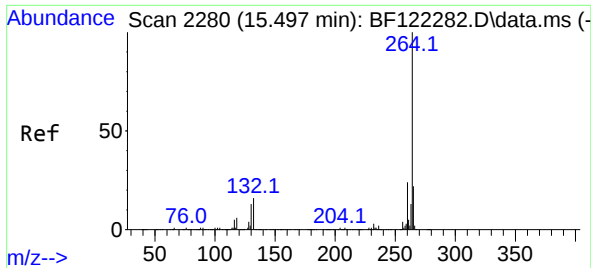
Tgt Ion:244 Resp: 2527065
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.2 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.30 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Tgt Ion:149 Resp: 321
Ion Ratio Lower Upper
149 100
91 101.5 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. 0.000 min
Lab File: BF122384.D
Acq: 19 Nov 2020 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-017-ABCD

Tgt Ion:264 Resp: 928412
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.0 17.3 25.9

