

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122414.D
 Acq On : 20 Nov 2020 20:52
 Operator : JU/CG
 Sample : L4829-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16D

Quant Time: Nov 20 23:54:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

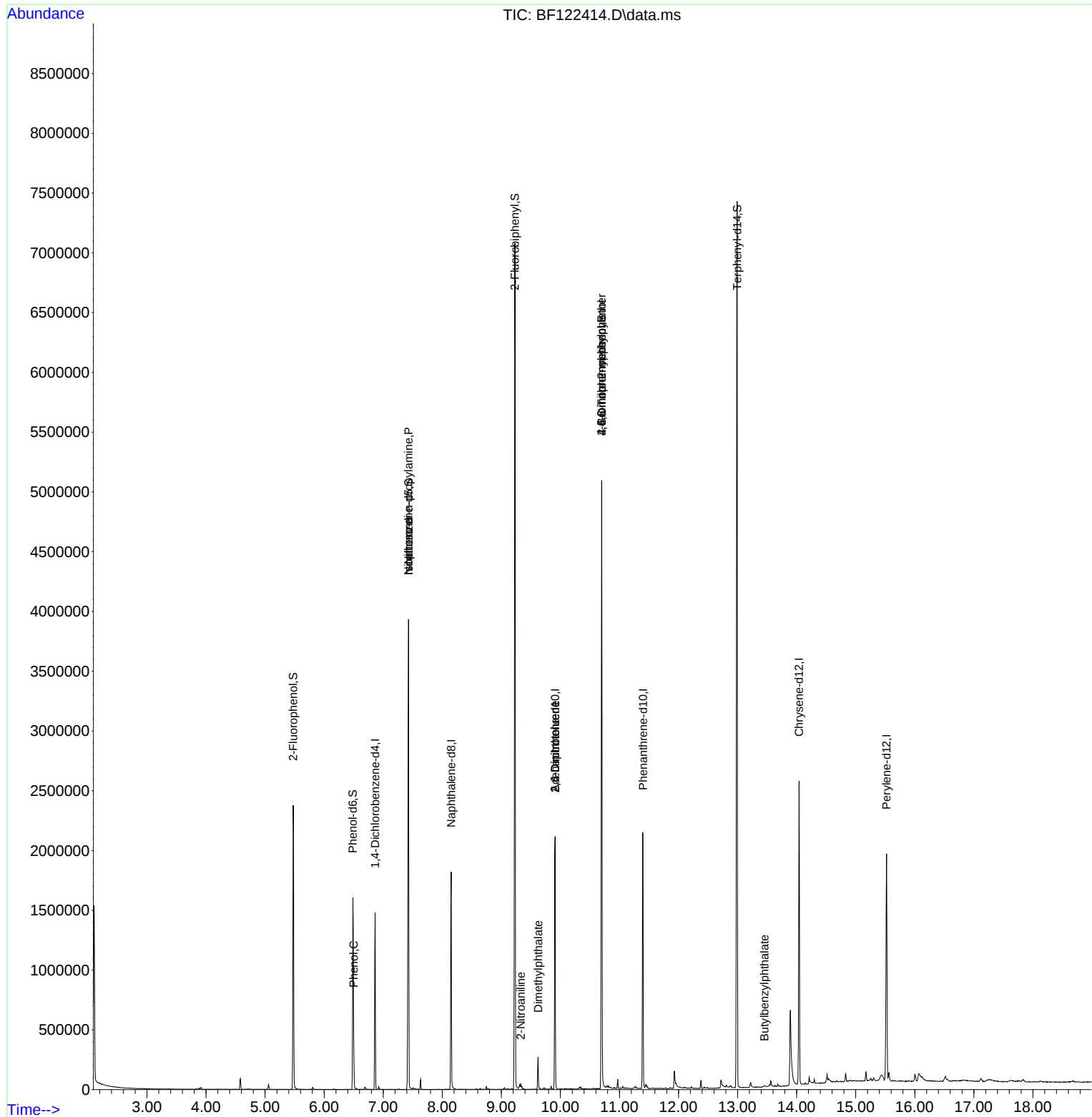
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	207382	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	816900	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	436863	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	841314	20.00	ng	0.00
76) Chrysene-d12	14.039	240	844494	20.00	ng	-0.01
86) Perylene-d12	15.521	264	882071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	676288	50.07	ng	-0.02
7) Phenol-d6	6.487	99	522542	29.58	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1287065	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	662504	141.30	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2323663	83.11	ng	0.00
79) Terphenyl-d14	12.992	244	2520094	63.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	138	Below Cal	#	3
10) Phenol	6.498	94	75127	4.32	ng	79
19) n-Nitroso-di-n-propyla...	7.428	70	173950	16.48	ng	# 74
25) Isophorone	7.428	82	1278486	42.98	ng	# 67
48) 2-Nitroaniline	9.328	65	546	5.23	ng	# 6
50) Dimethylphthalate	9.622	163	106631	3.43	ng	99
51) 2,6-Dinitrotoluene	9.910	165	56063	11.28	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	56063	10.52	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1427	6.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	42577	4.31	ng	# 1
80) Butylbenzylphthalate	13.457	149	447	3.31	ng	# 75

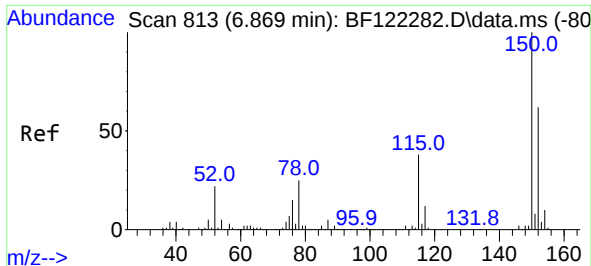
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
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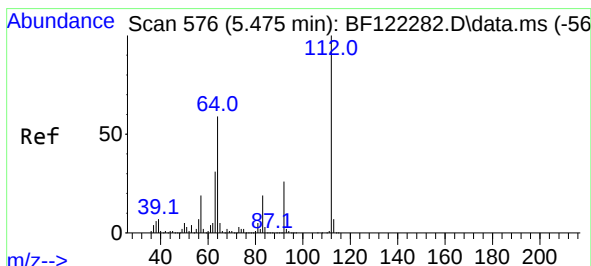
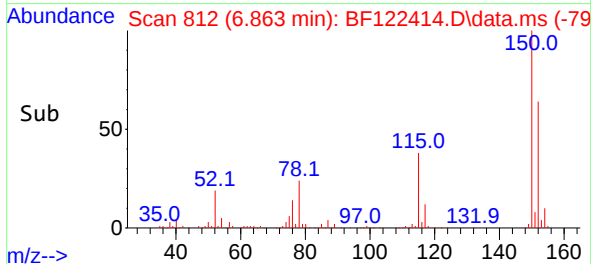
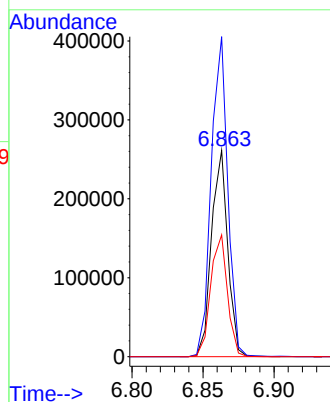
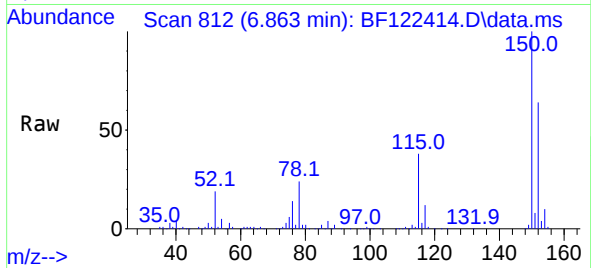




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

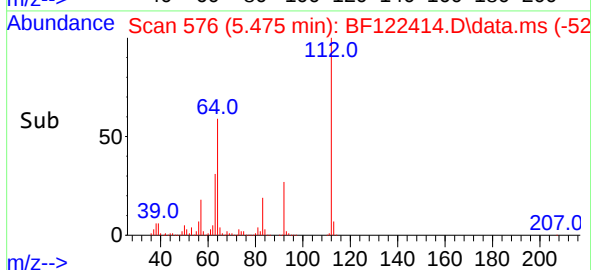
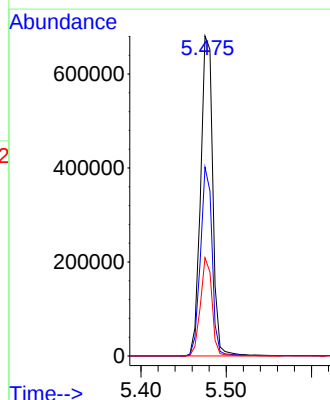
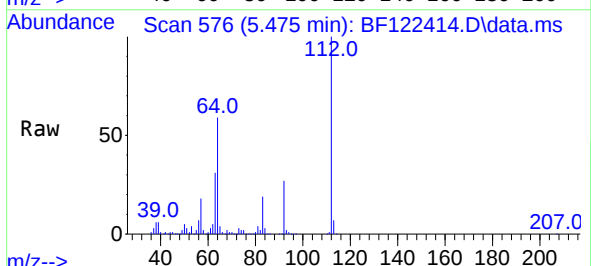
Instrument :
BNA_F
ClientSampleId :
MW-16D

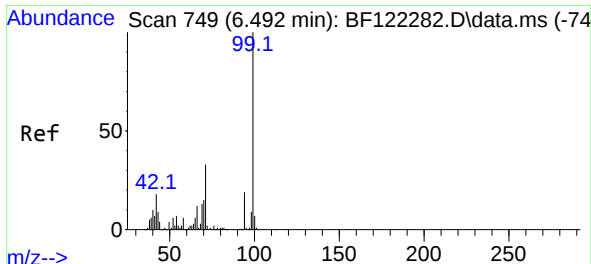
Tgt Ion:152 Resp: 207382
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 59.1 51.9 77.9



#5
2-Fluorophenol
Concen: 50.07 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.018 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:112 Resp: 676288
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 30.7 25.8 38.6

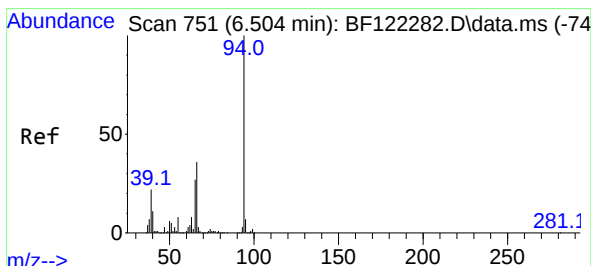
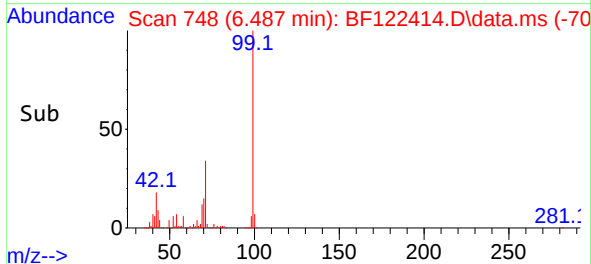
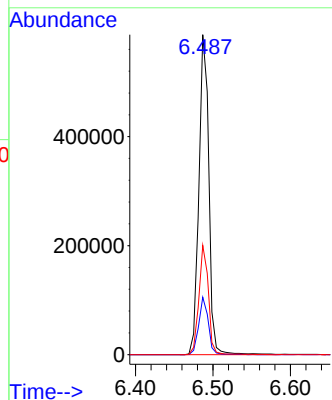
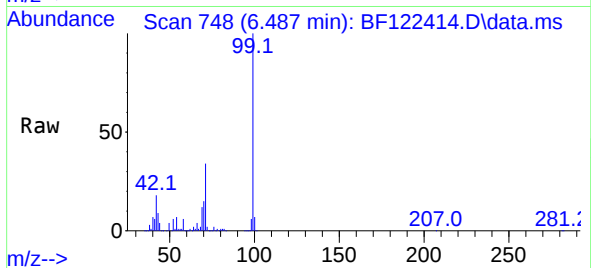




#7
Phenol-d6
Concen: 29.58 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.023 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

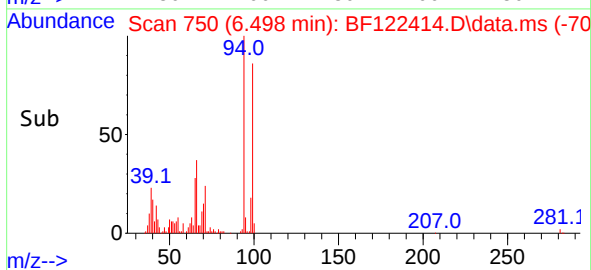
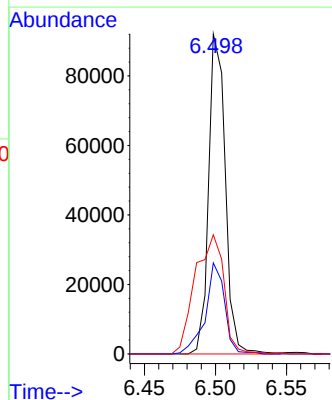
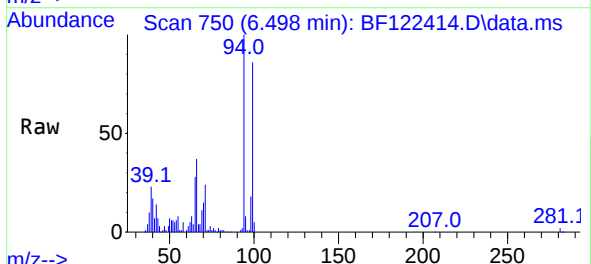
Instrument :
BNA_F
ClientSampleId :
MW-16D

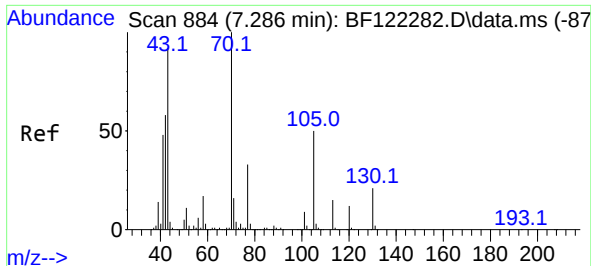
Tgt Ion: 99 Resp: 522542
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 34.1 27.1 40.7



#10
Phenol
Concen: 4.32 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.023 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

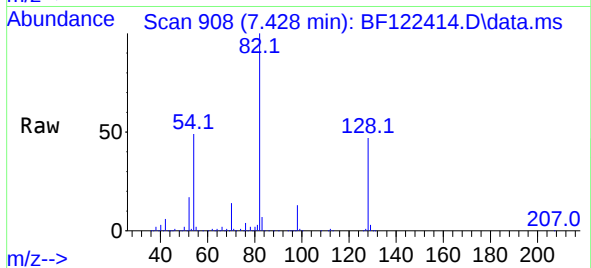
Tgt Ion: 94 Resp: 75127
Ion Ratio Lower Upper
94 100
65 28.5 17.1 57.1
66 37.3 36.0 76.0



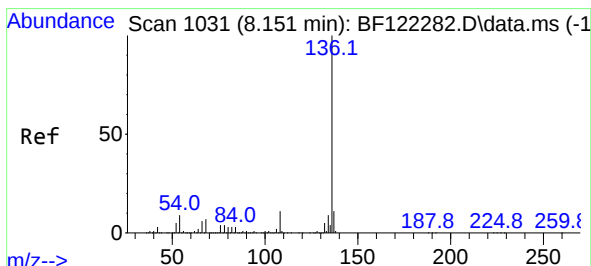
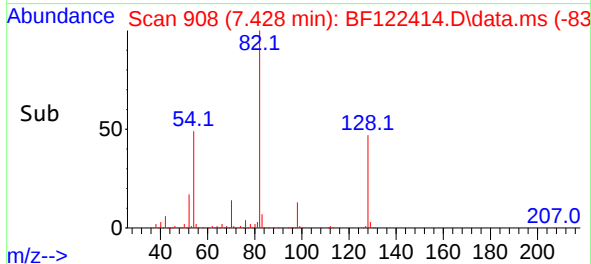
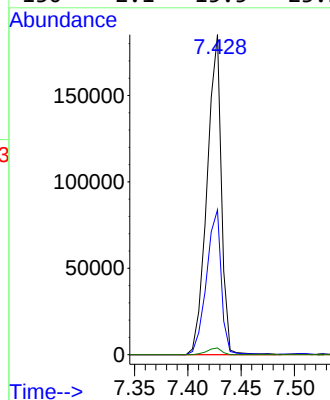


#19
n-Nitroso-di-n-propylamine
Concen: 16.48 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Instrument :
BNA_F
ClientSampleId :
MW-16D

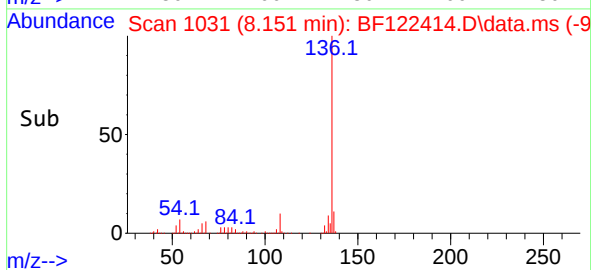
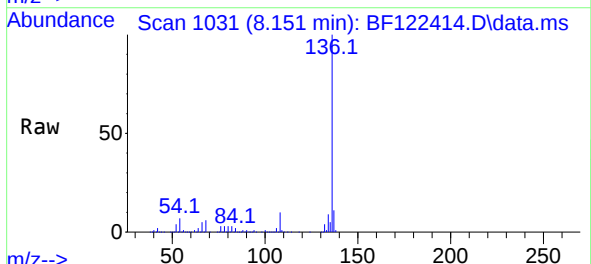
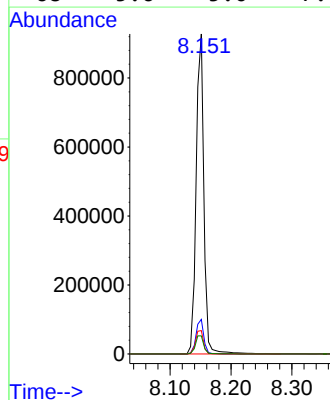


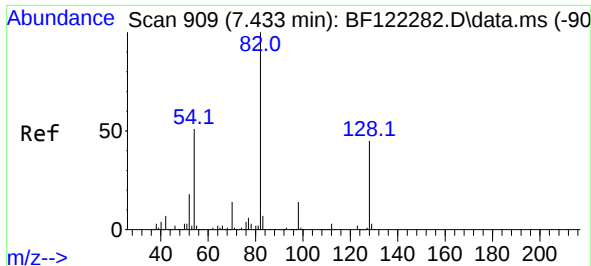
Tgt Ion: 70 Resp: 173950
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion: 136 Resp: 816900
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 7.1 10.7
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.45 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122414.D

Acq: 20 Nov 2020 20:52

Tgt Ion: 82 Resp: 1287065

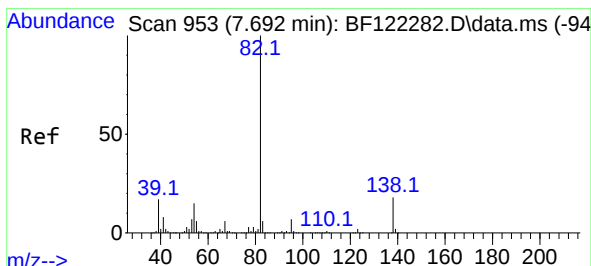
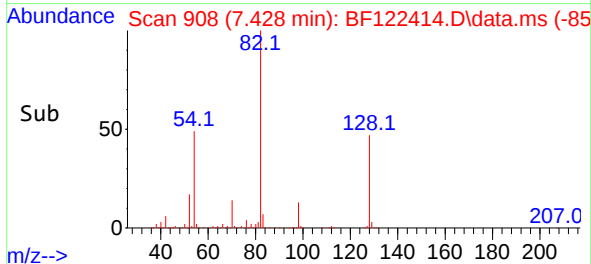
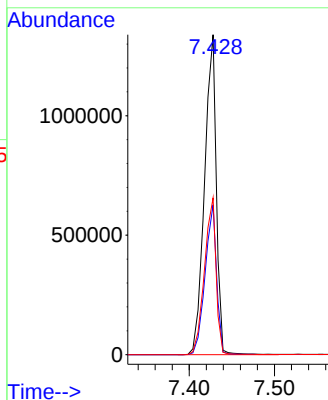
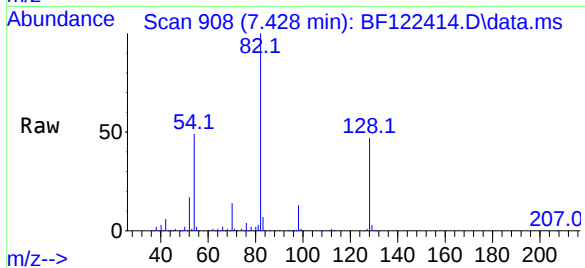
Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.0	52.4
54	49.0	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

MW-16D



#25

Isophorone

Concen: 42.98 ng

RT: 7.428 min Scan# 908

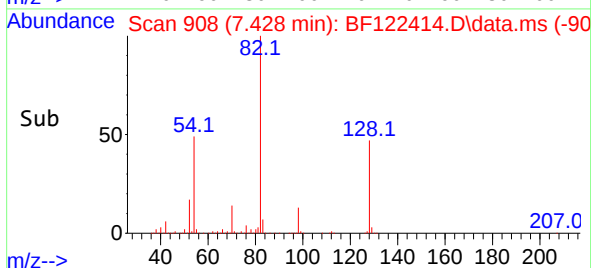
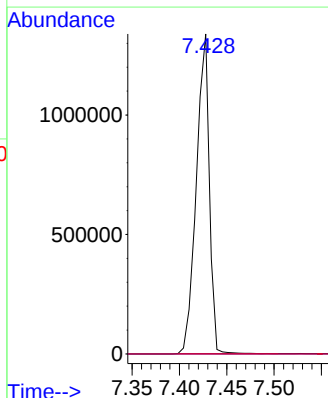
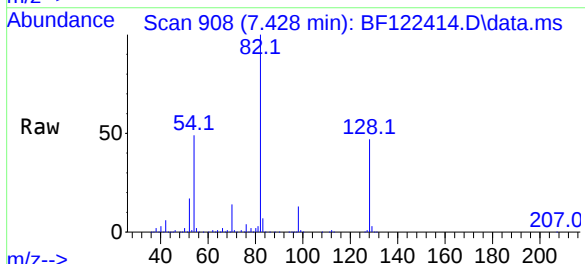
Delta R.T. -0.265 min

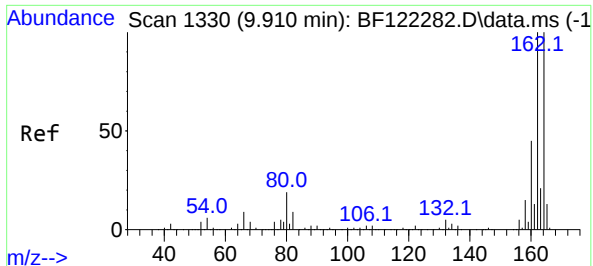
Lab File: BF122414.D

Acq: 20 Nov 2020 20:52

Tgt Ion: 82 Resp: 1278486

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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF122414.D

Acq: 20 Nov 2020 20:52

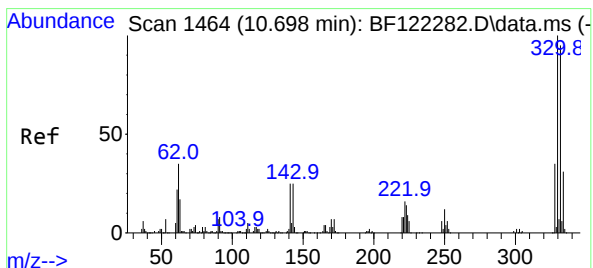
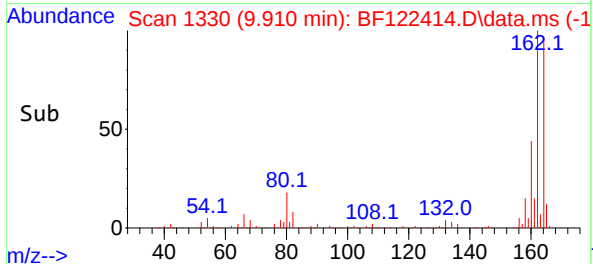
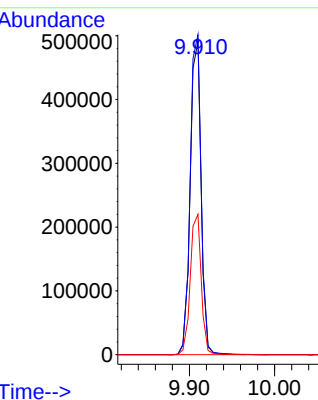
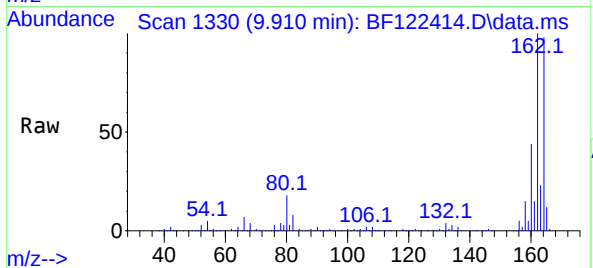
Tgt Ion:164 Resp: 436863

Ion Ratio Lower Upper

164 100

162 102.1 83.2 124.8

160 44.8 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 141.30 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122414.D

Acq: 20 Nov 2020 20:52

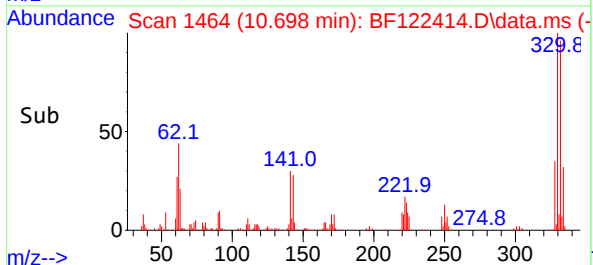
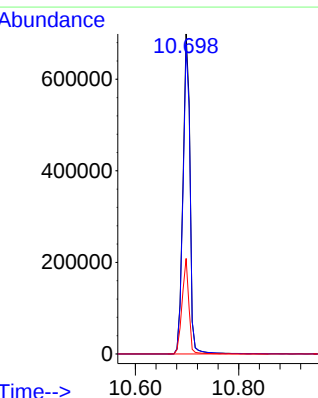
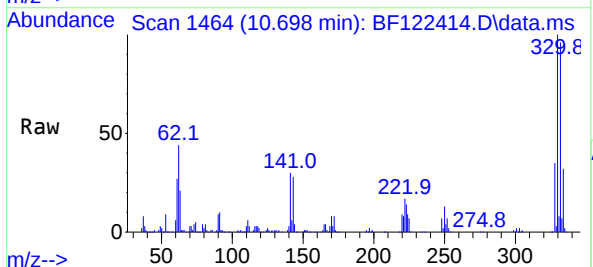
Tgt Ion:330 Resp: 662504

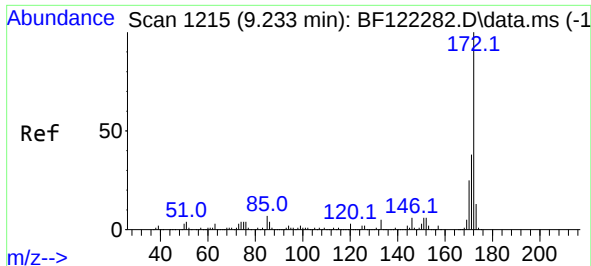
Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 28.7 22.3 33.5

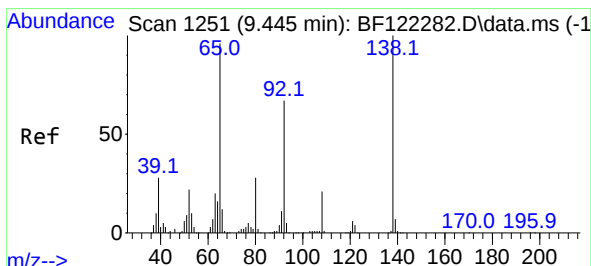
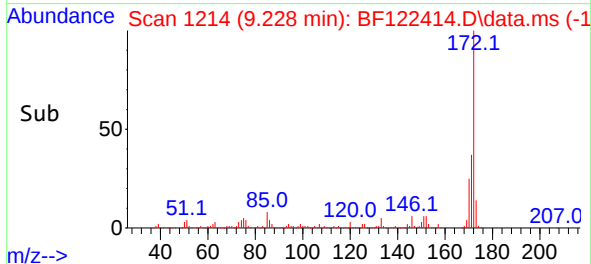
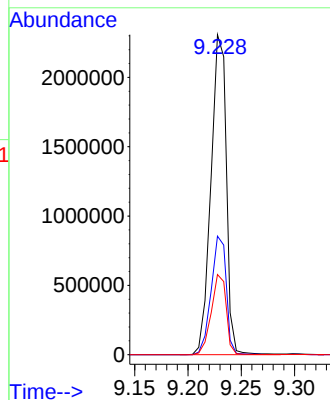
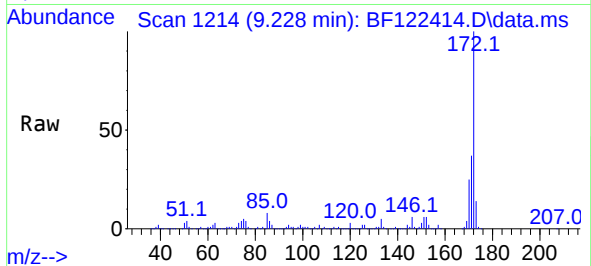




#45
2-Fluorobiphenyl
Concen: 83.11 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

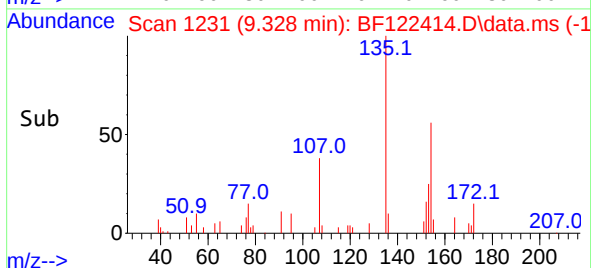
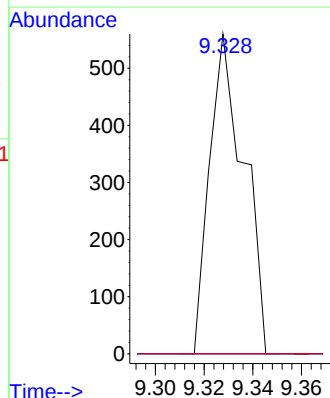
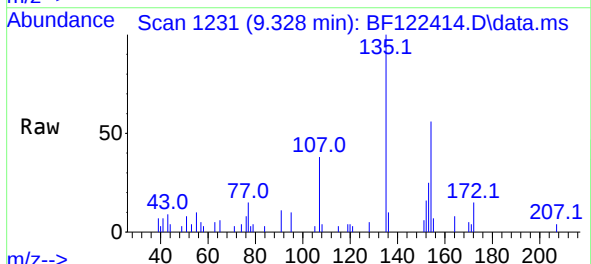
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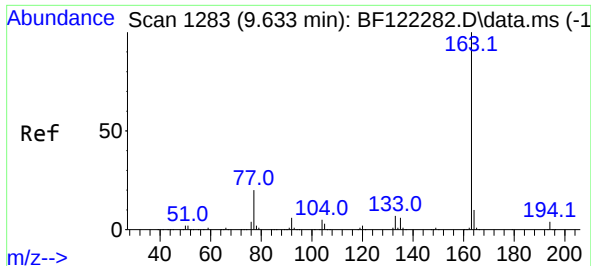
Tgt Ion:172 Resp: 2323663
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.0 19.8 29.6



#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.129 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion: 65 Resp: 546
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

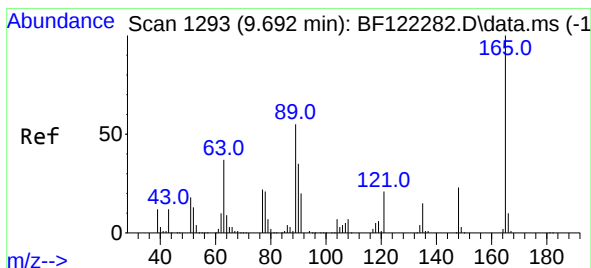
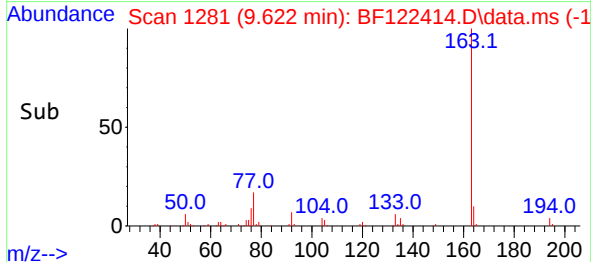
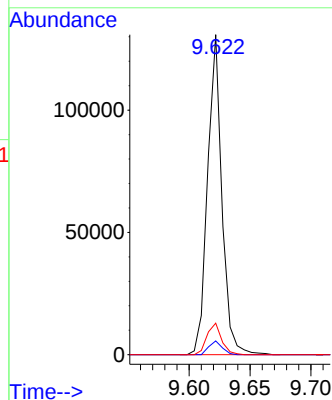
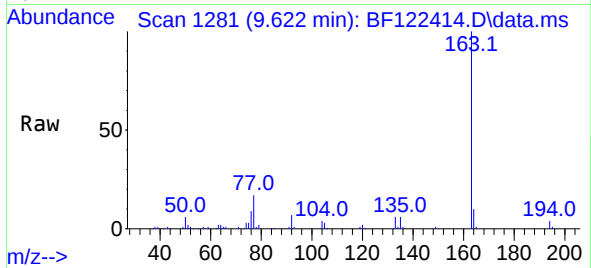




#50
Dimethylphthalate
Concen: 3.43 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

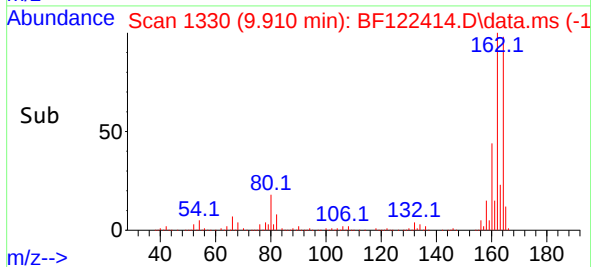
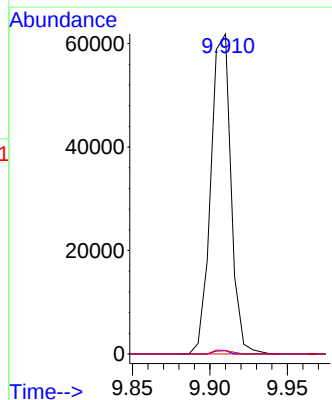
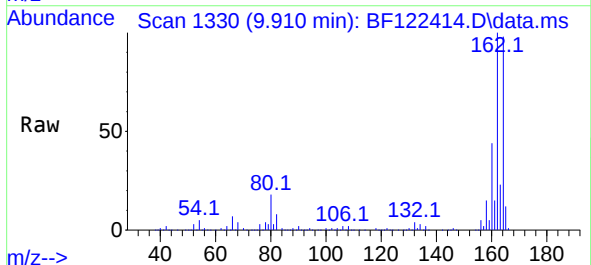
Instrument :
BNA_F
ClientSampleId :
MW-16D

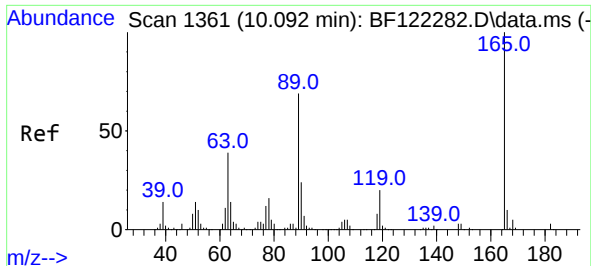
Tgt Ion:163 Resp: 106631
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.28 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:165 Resp: 56063
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.1 49.0 73.6#

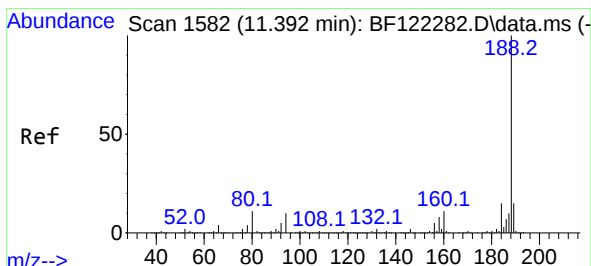
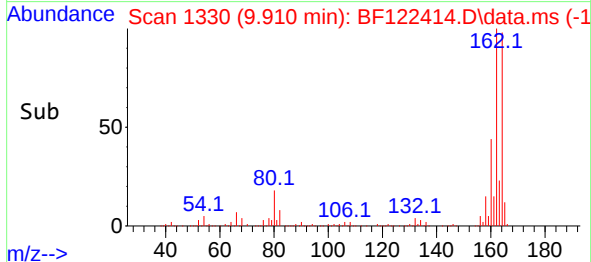
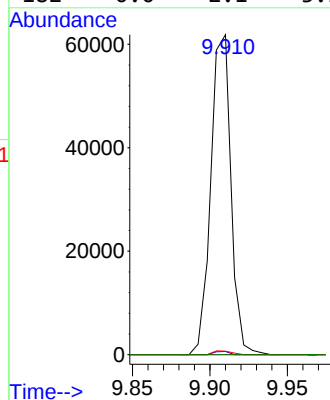
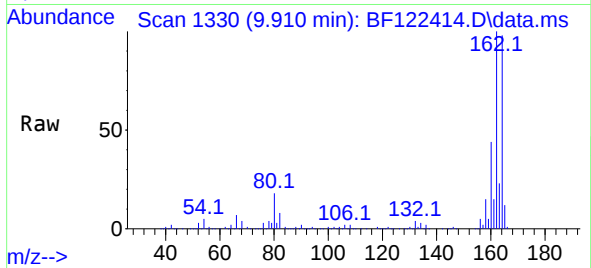




#57
2,4-Dinitrotoluene
Concen: 10.52 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

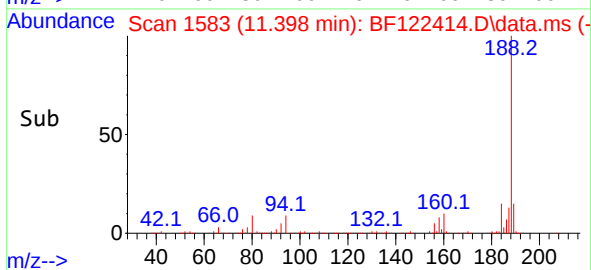
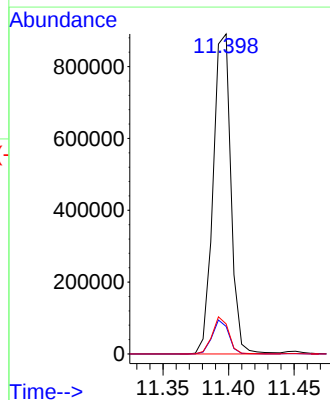
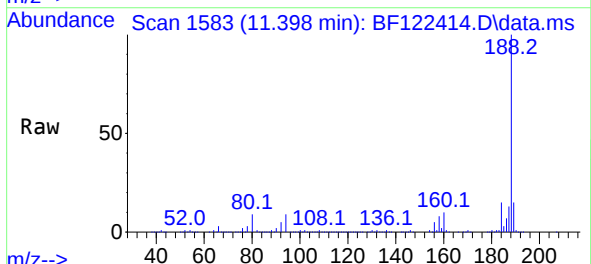
Instrument :
BNA_F
ClientSampleId :
MW-16D

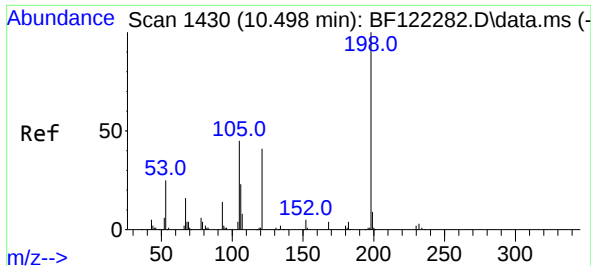
Tgt Ion:165	Resp:	56063
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.3 61.9#
89	1.1	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:188	Resp:	841314
Ion Ratio	Lower	Upper
188	100	
94	8.6	8.3 12.5
80	9.4	9.1 13.7

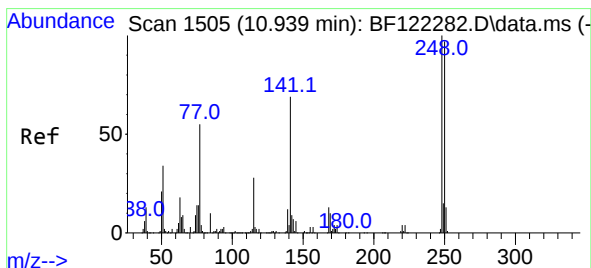
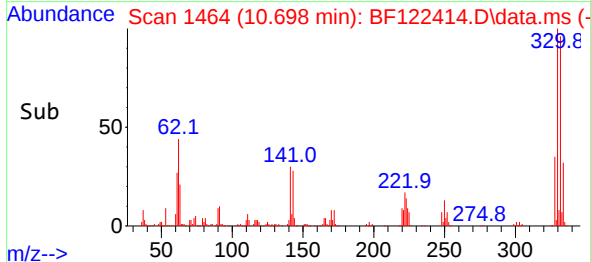
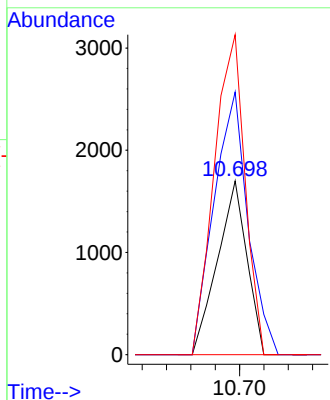
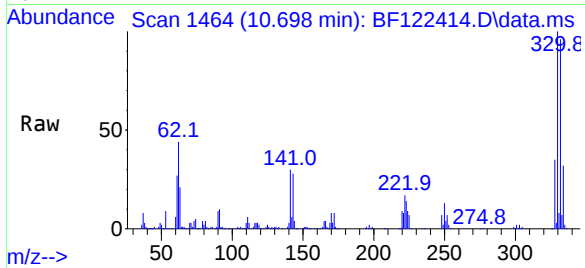




#65
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

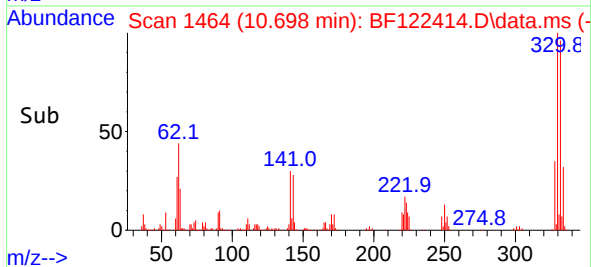
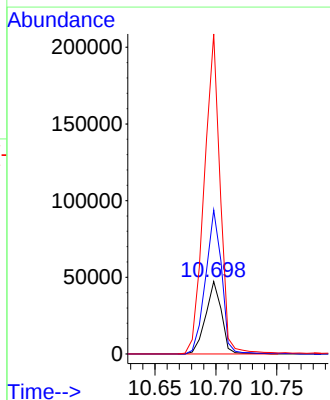
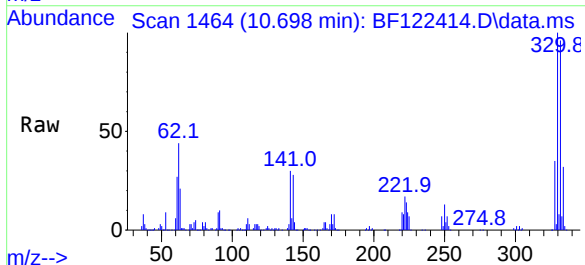
Instrument :
BNA_F
ClientSampled :
MW-16D

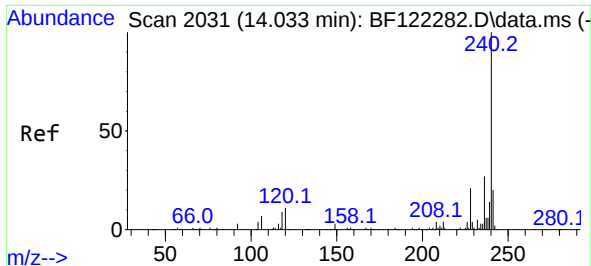
Tgt Ion:198 Resp: 1427
Ion Ratio Lower Upper
198 100
51 151.2 29.6 69.6#
105 184.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:248 Resp: 42577
Ion Ratio Lower Upper
248 100
250 198.7 77.0 115.6#
141 441.4 53.7 80.5#

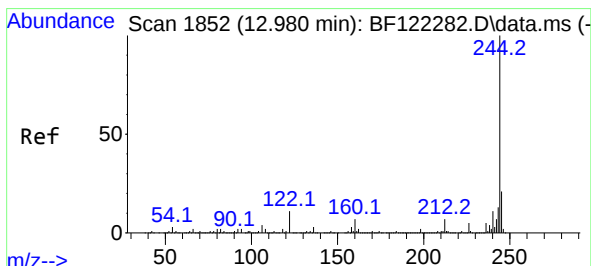
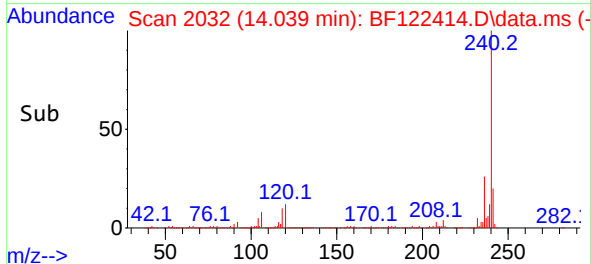
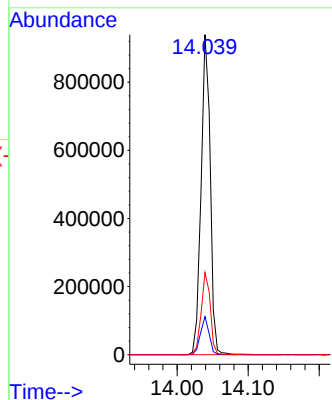
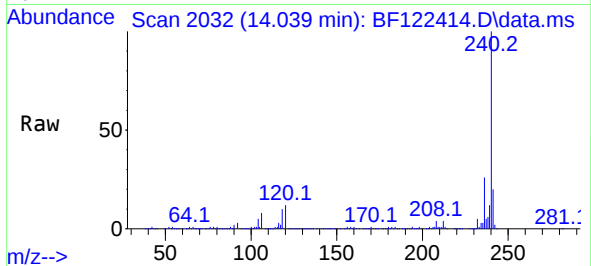




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

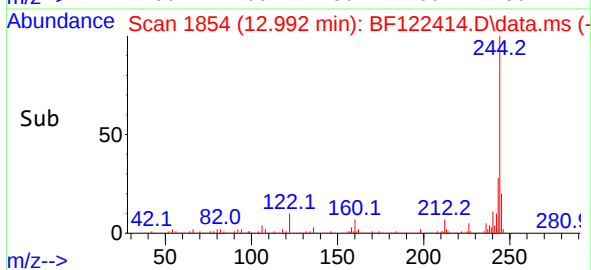
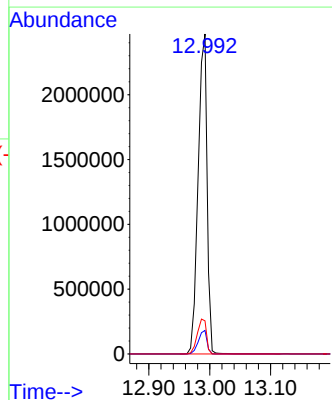
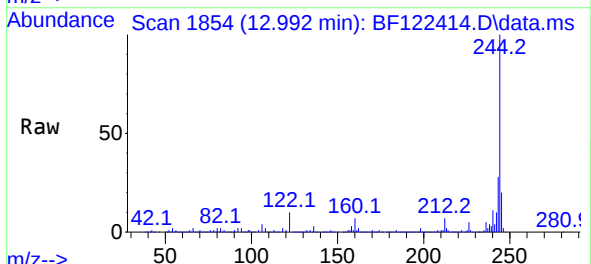
Instrument :
BNA_F
ClientSampleId :
MW-16D

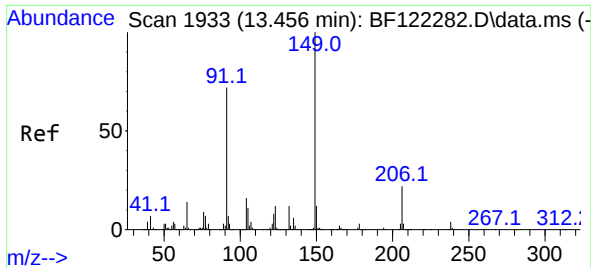
Tgt Ion:240 Resp: 844494
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 63.22 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:244 Resp: 2520094
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.4 8.1 12.1

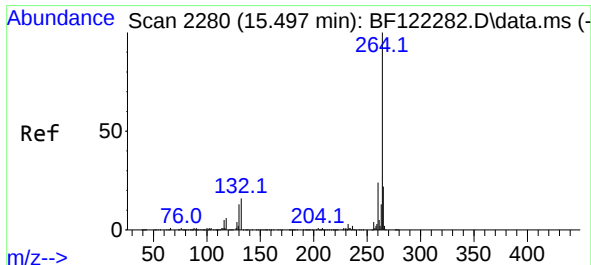
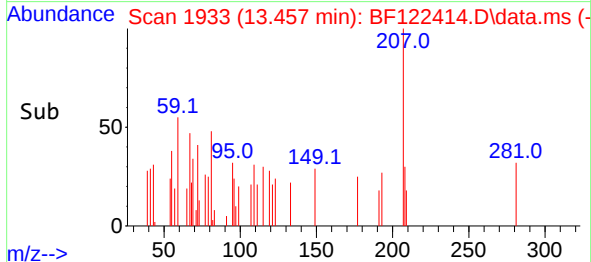
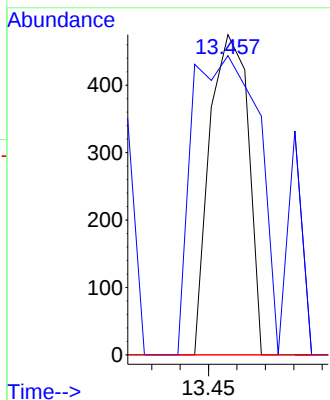
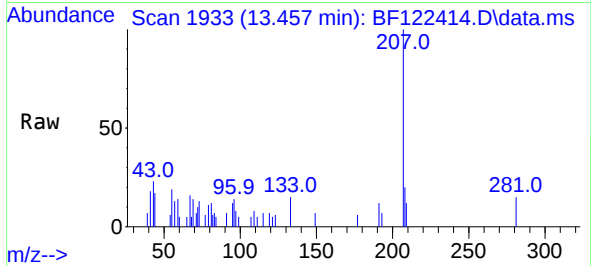




#80
Butylbenzylphthalate
Concen: 3.31 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Instrument :
BNA_F
ClientSampled :
MW-16D

Tgt Ion:	149	Resp:	447
Ion	Ratio	Lower	Upper
149	100		
91	93.5	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122414.D
Acq: 20 Nov 2020 20:52

Tgt Ion:	264	Resp:	882071
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.9	17.3	25.9

