

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122328.D
 Acq On : 13 Nov 2020 14:35
 Operator : JU/CG
 Sample : L4586-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WC

Quant Time: Nov 13 15:08:05 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)

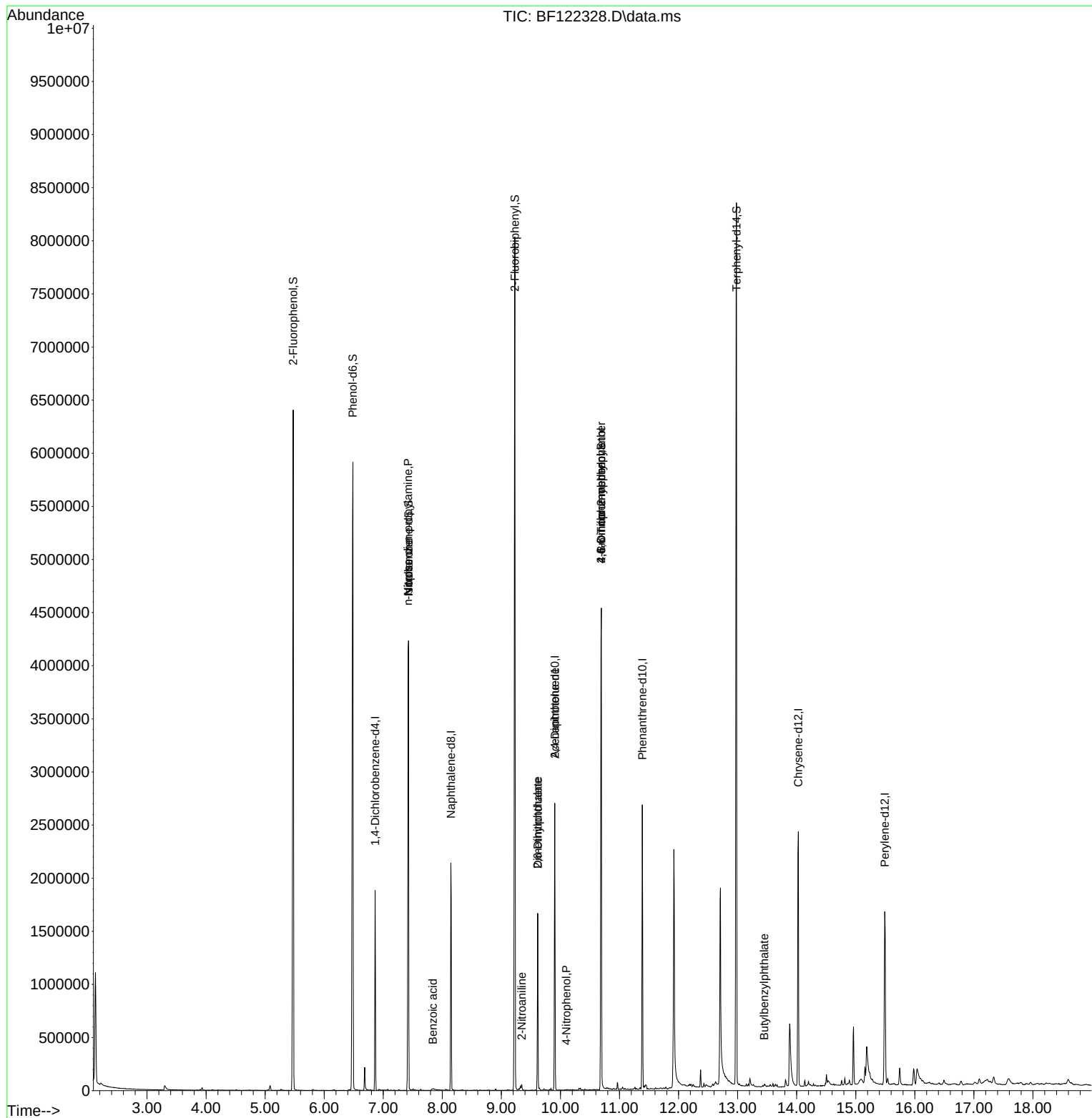
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	236406	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	902159	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	479759	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	878586	20.00	ng	0.00
76) Chrysene-d12	14.027	240	819102	20.00	ng	0.00
86) Perylene-d12	15.492	264	768189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1842688	119.69	ng	0.00
7) Phenol-d6	6.487	99	2330310	115.70	ng	0.00
23) Nitrobenzene-d5	7.428	82	1460704	99.12	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	582327	113.09	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2488037	81.03	ng	0.00
79) Terphenyl-d14	12.980	244	2683798	69.41	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	209	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.422	70	200731	16.68	ng	# 78
25) Isophorone	7.428	82	1456430	44.33	ng	# 67
32) Benzoic acid	7.839	122	12302	9.16	ng	96
48) 2-Nitroaniline	9.345	65	876	5.26	ng	# 6
50) Dimethylphthalate	9.616	163	572571	16.79	ng	100
51) 2,6-Dinitrotoluene	9.616	165	6160	4.56	ng	# 9
56) 4-Nitrophenol	10.098	139	237	5.44	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	61740	10.54	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1457	6.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	37165	3.60	ng	# 1
80) Butylbenzylphthalate	13.451	149	638	3.31	ng	# 74

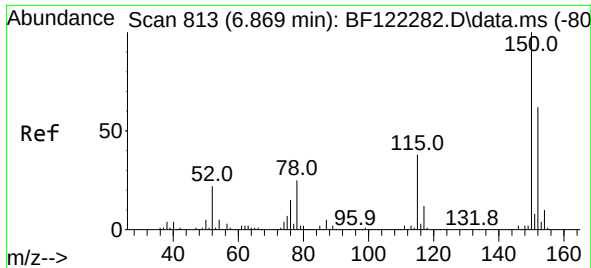
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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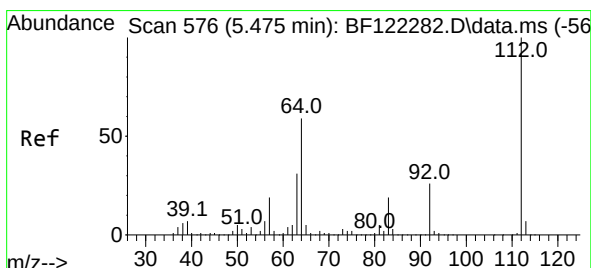
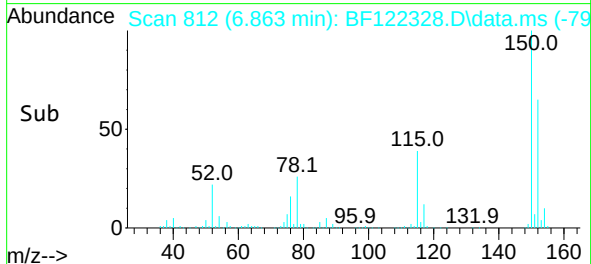
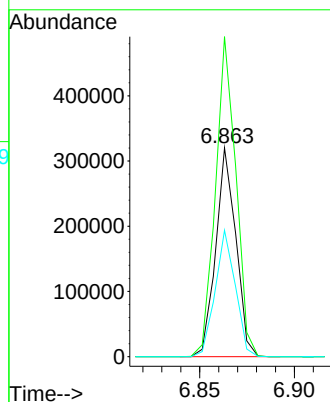
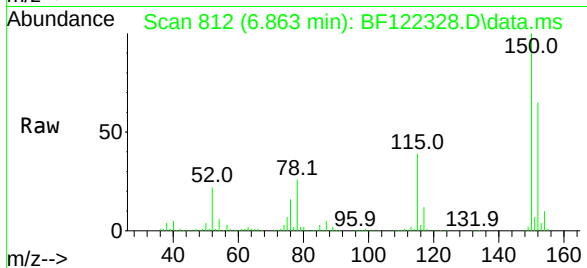




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

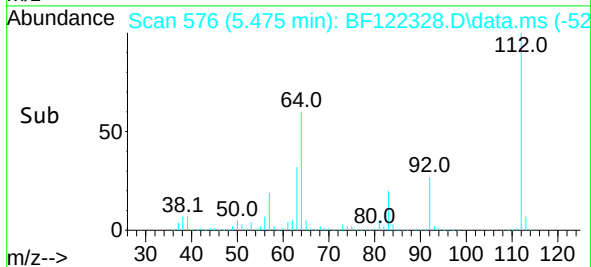
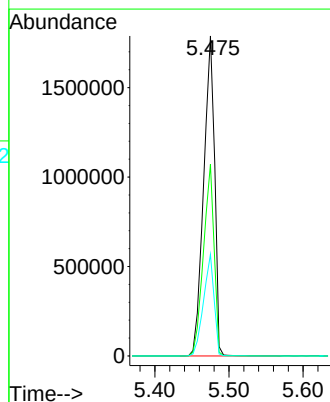
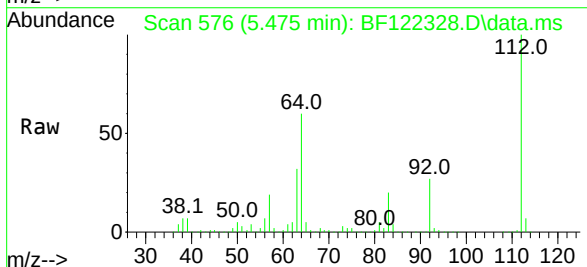
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

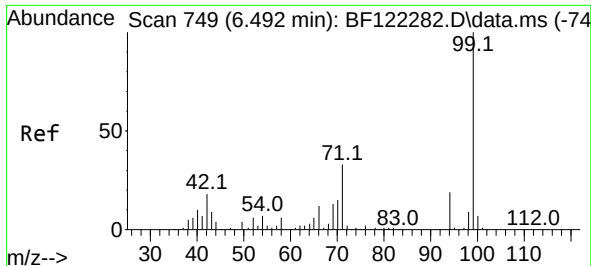
Tgt Ion:152 Resp: 236406
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 119.69 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:112 Resp: 1842688
Ion Ratio Lower Upper
112 100
64 59.9 50.4 75.6
63 31.7 25.8 38.6

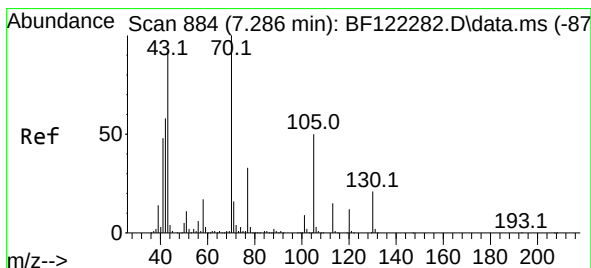
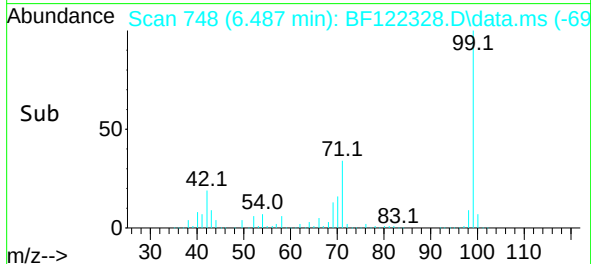
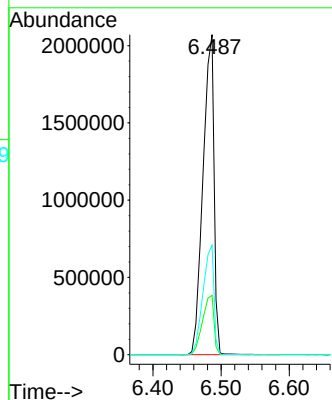
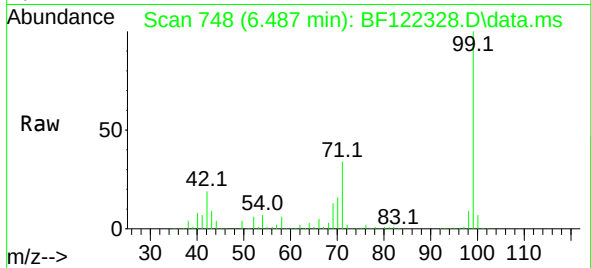




#7
Phenol-d6
Concen: 115.70 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

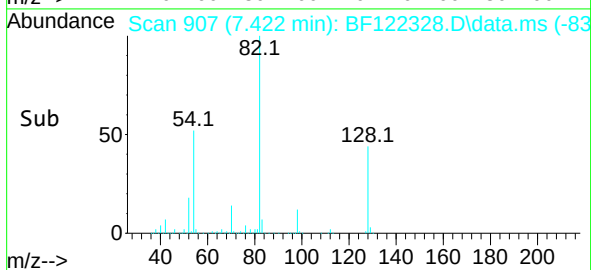
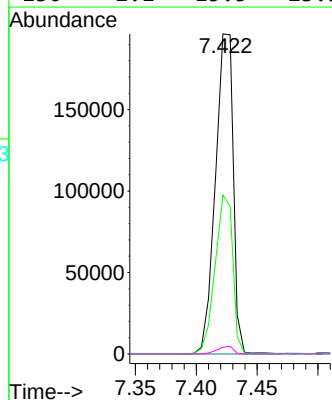
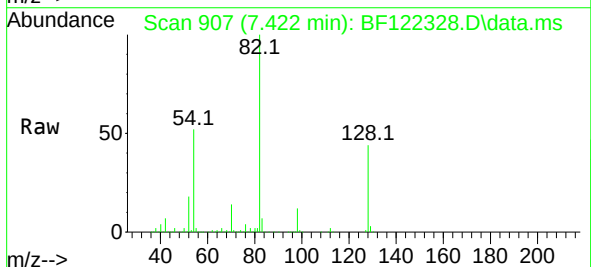
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

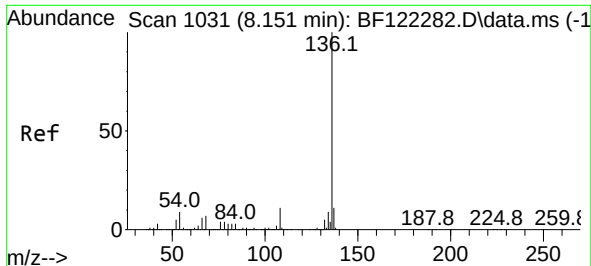
Tgt Ion: 99 Resp: 2330310
Ion Ratio Lower Upper
99 100
42 18.6 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.68 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion: 70 Resp: 200731
Ion Ratio Lower Upper
70 100
42 49.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



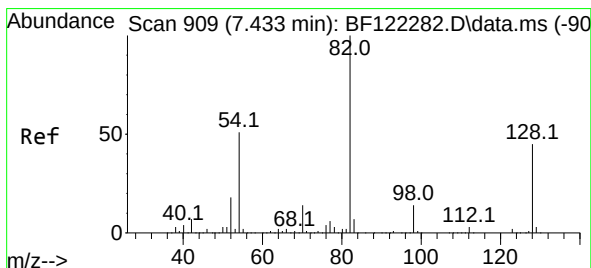
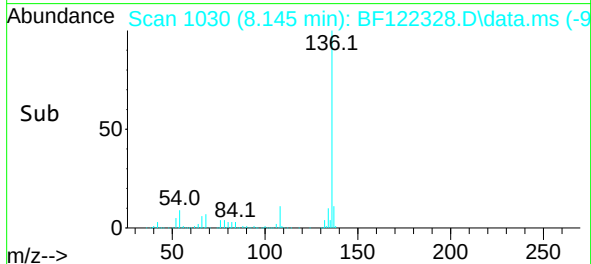
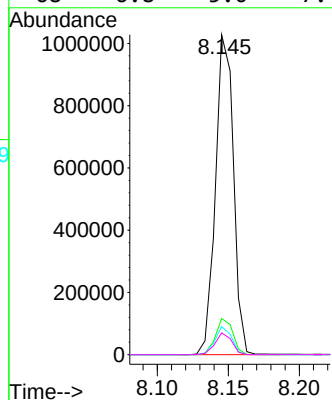
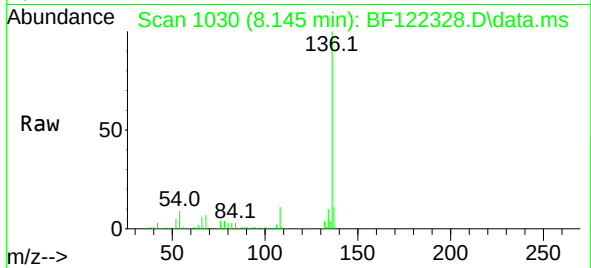


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

Tgt Ion:136 Resp: 902159

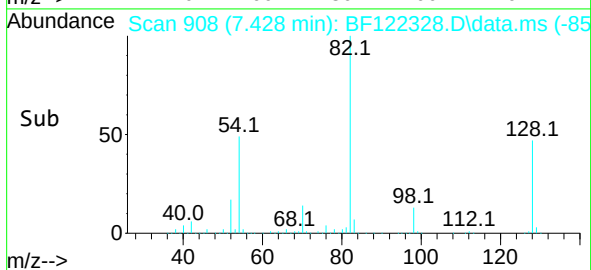
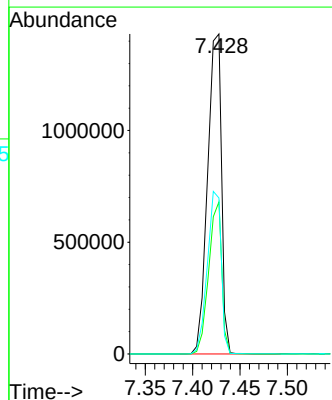
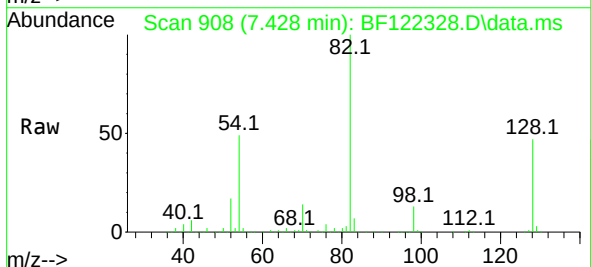
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.8	7.1	10.7
68	6.8	5.0	7.4

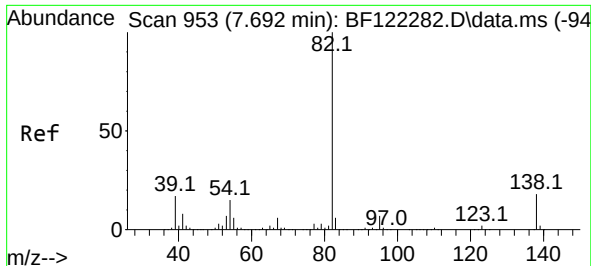


#23
Nitrobenzene-d5
Concen: 99.12 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion: 82 Resp: 1460704

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.0	52.4
54	48.8	43.9	65.9

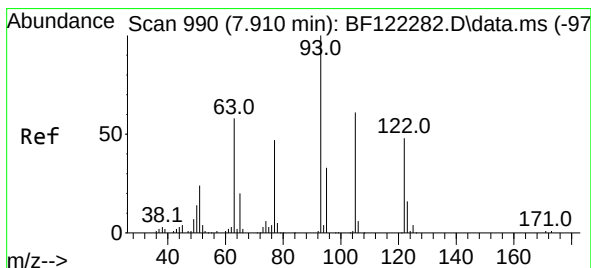
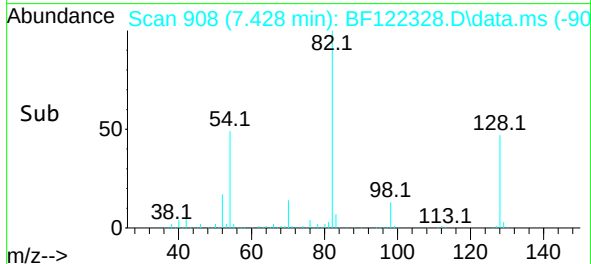
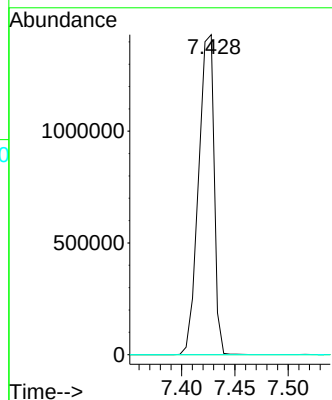
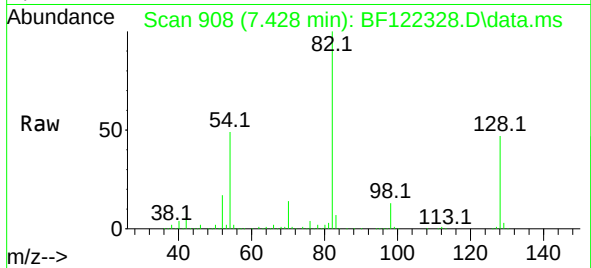




#25
Isophorone
Concen: 44.33 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

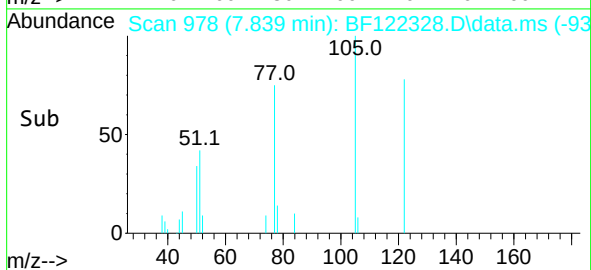
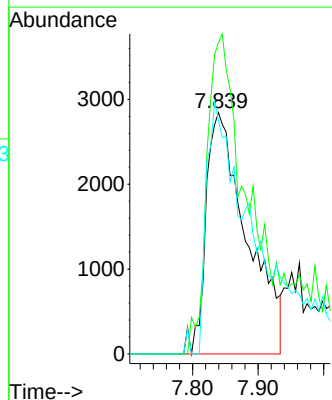
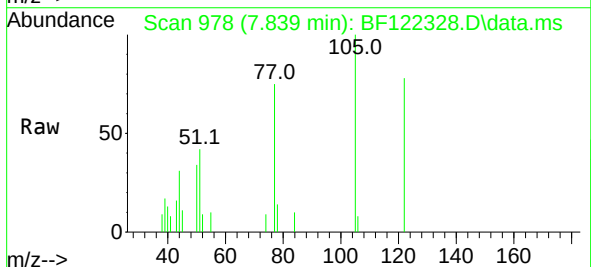
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ClientSampleId :
R-LA-33-4-WC

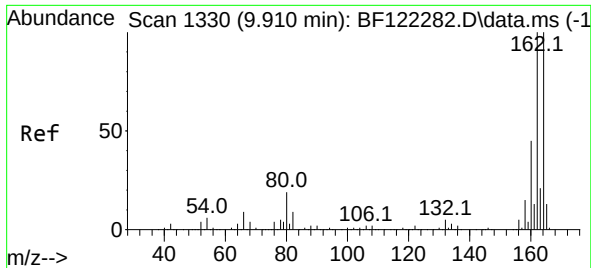
Tgt Ion: 82 Resp: 1456430
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 9.16 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.071 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:122 Resp: 12302
Ion Ratio Lower Upper
122 100
105 128.9 103.3 143.3
77 96.9 73.9 113.9

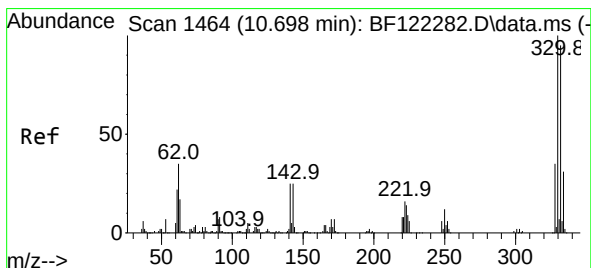
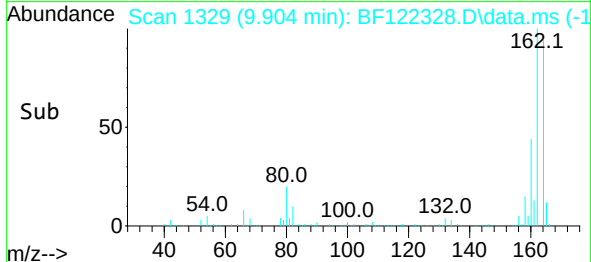
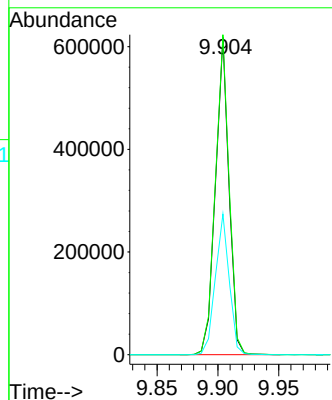
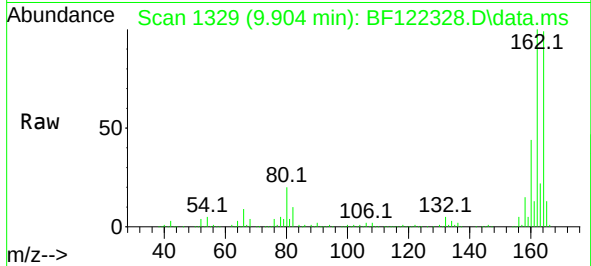




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

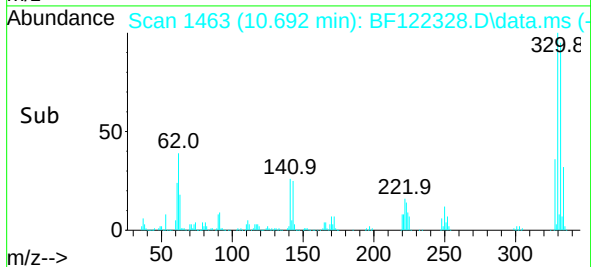
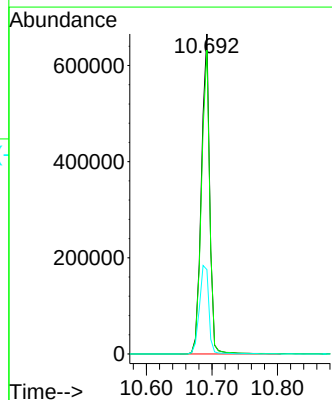
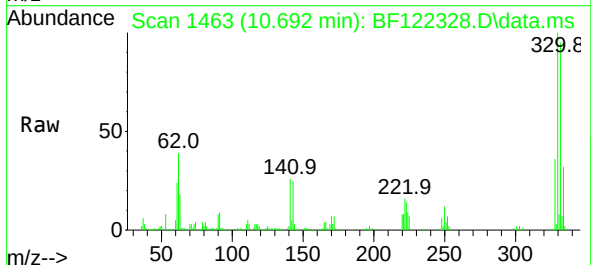
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ClientSampleId :
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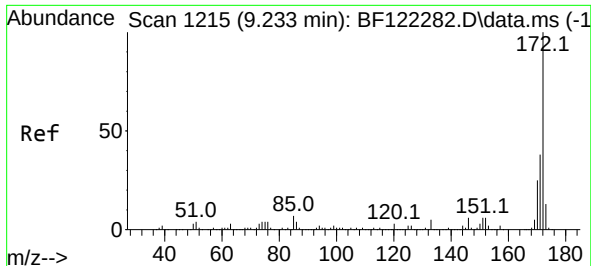
Tgt Ion:164 Resp: 479759
Ion Ratio Lower Upper
164 100
162 100.8 83.2 124.8
160 44.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 113.09 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:330 Resp: 582327
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 31.6 22.3 33.5

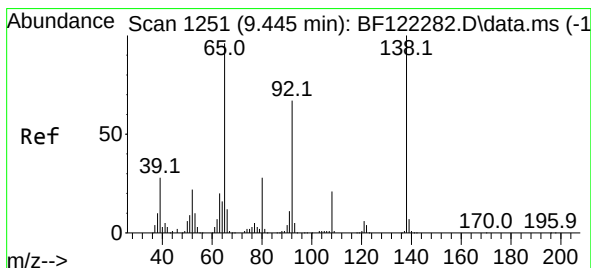
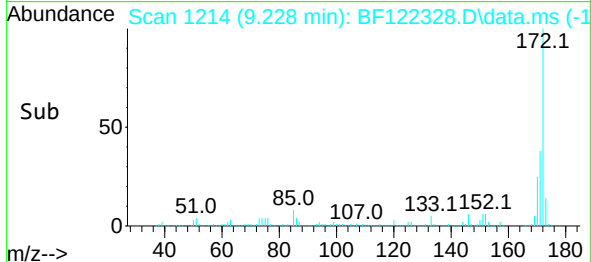
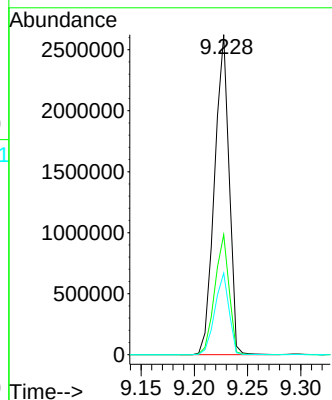
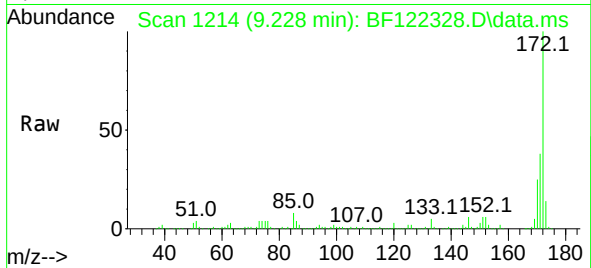




#45
2-Fluorobiphenyl
Concen: 81.03 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

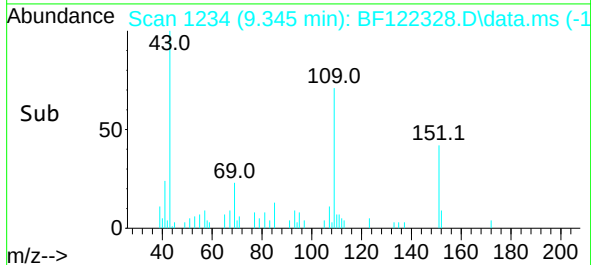
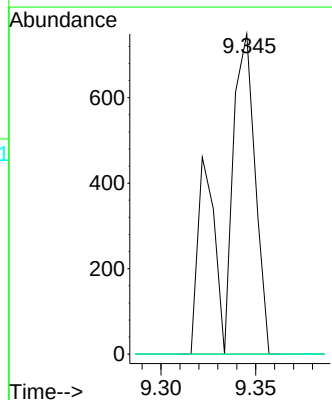
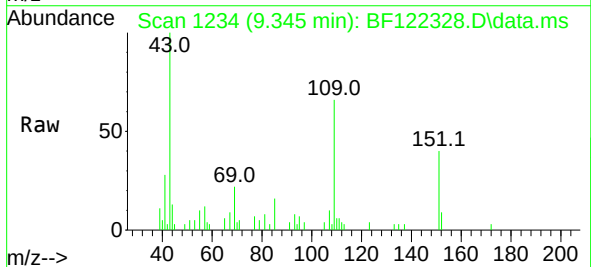
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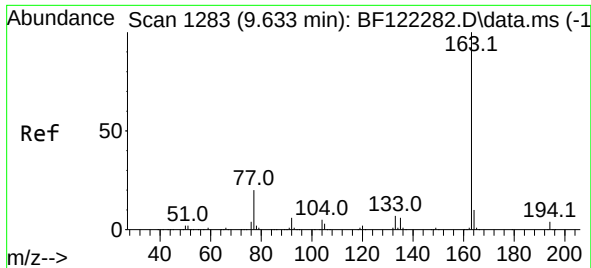
Tgt Ion:172 Resp: 2488037
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 25.5 19.8 29.6



#48
2-Nitroaniline
Concen: 5.26 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion: 65 Resp: 876
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

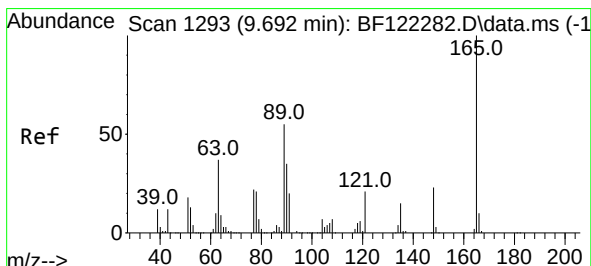
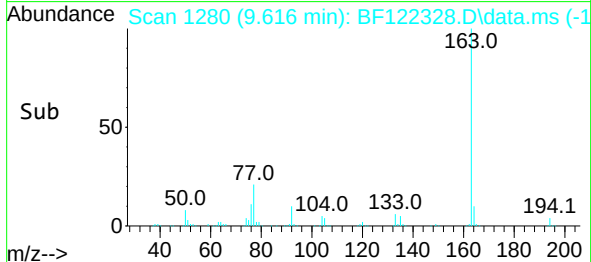
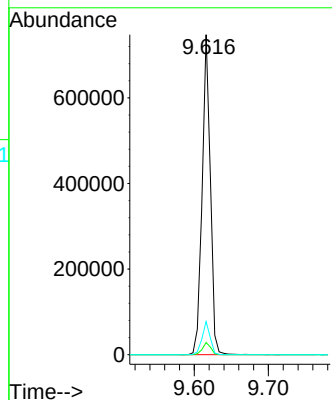
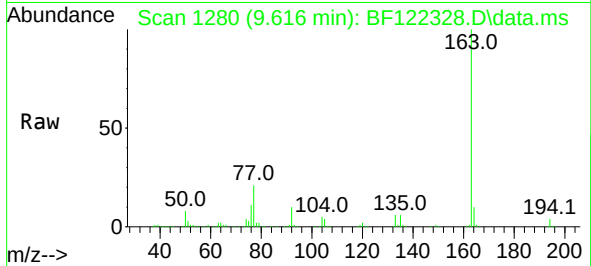




#50
Dimethylphthalate
Concen: 16.79 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

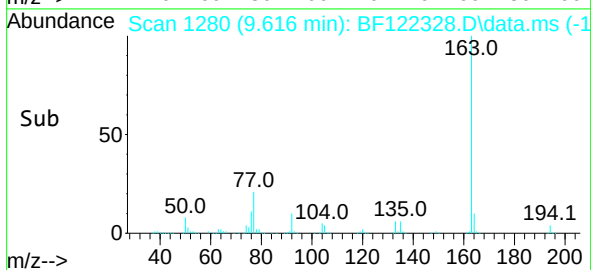
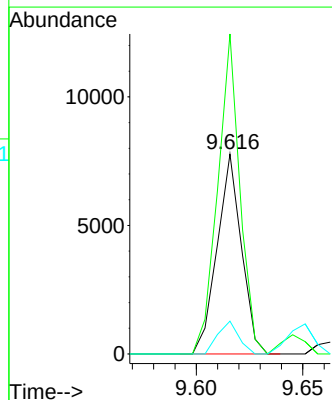
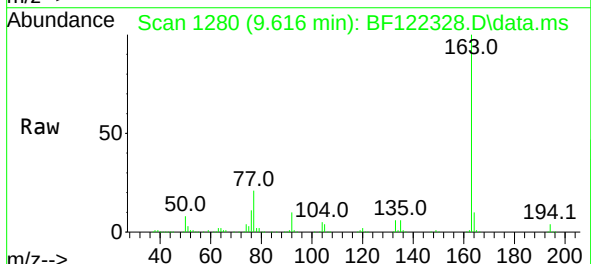
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

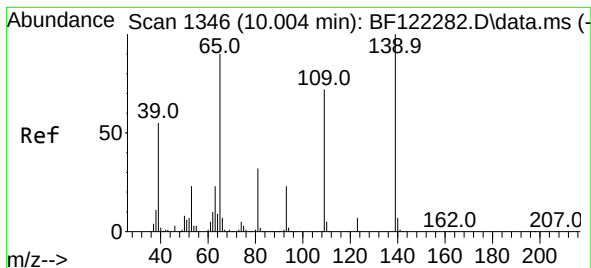
Tgt Ion:163 Resp: 572571
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.56 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:165 Resp: 6160
Ion Ratio Lower Upper
165 100
63 160.1 51.8 77.6#
89 16.4 49.0 73.6#

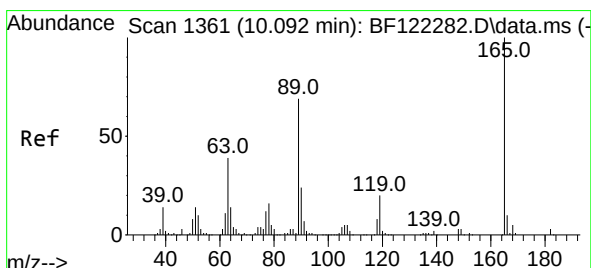
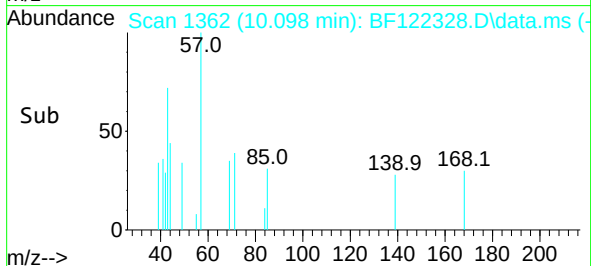
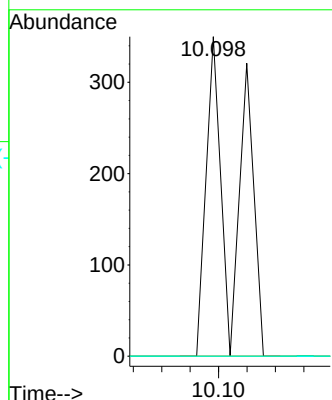
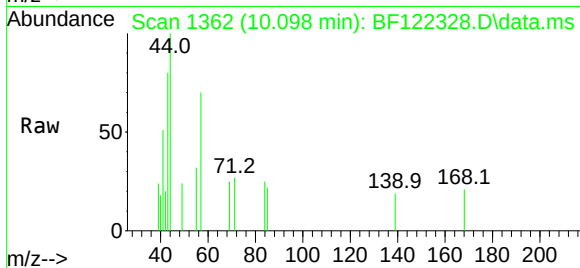




#56
4-Nitrophenol
Concen: 5.44 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.094 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

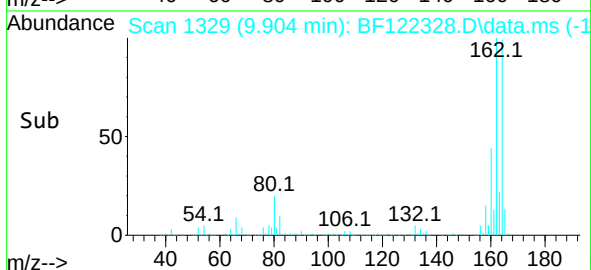
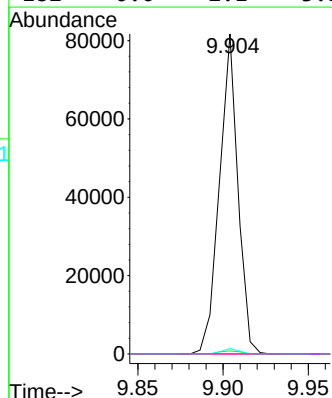
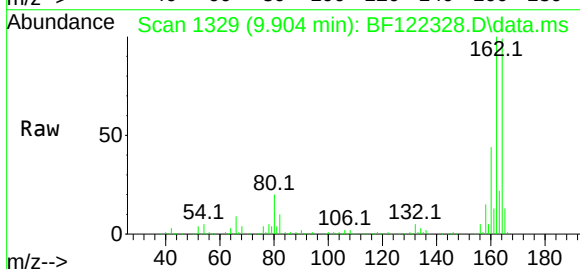
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

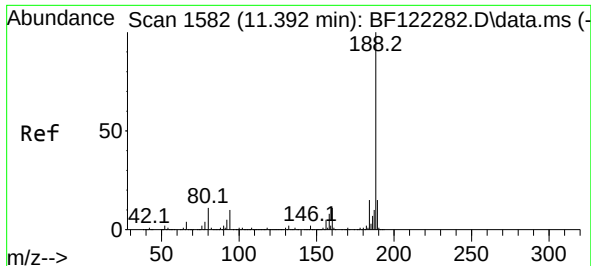
Tgt Ion:139 Resp: 237
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.54 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:165 Resp: 61740
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

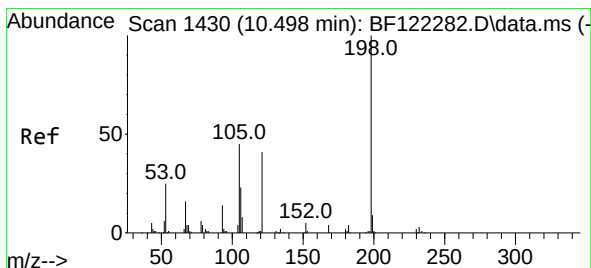
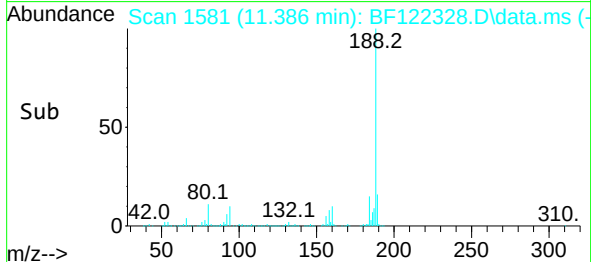
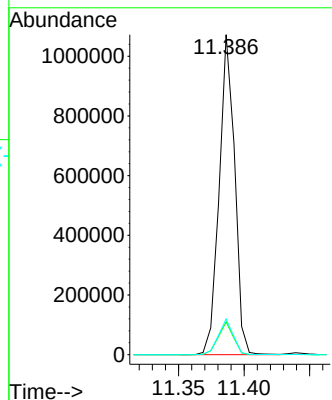
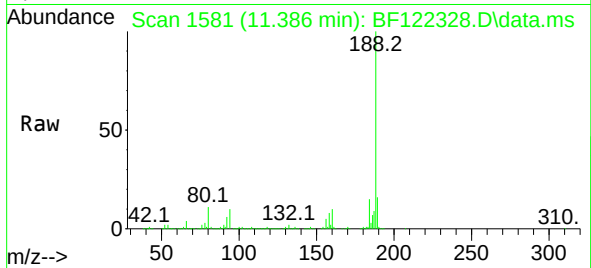




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

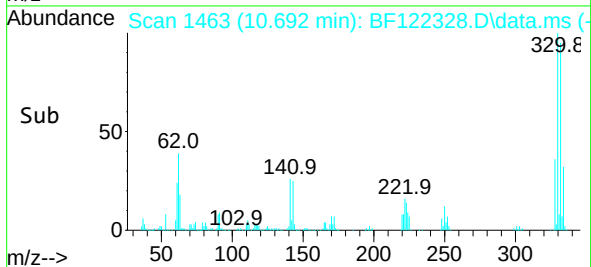
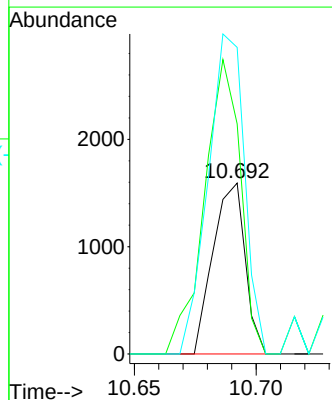
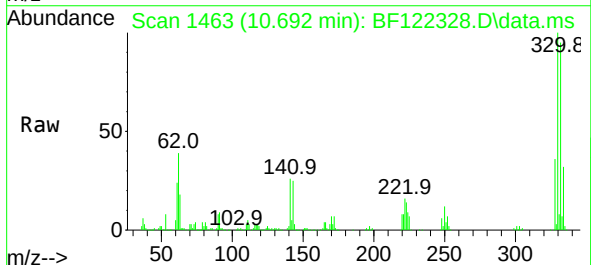
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

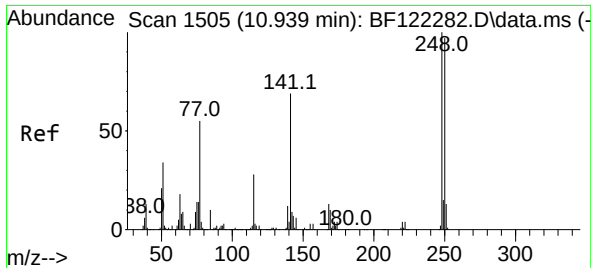
Tgt Ion:188 Resp: 878586
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:198 Resp: 1457
Ion Ratio Lower Upper
198 100
51 134.7 29.6 69.6#
105 179.5 24.4 64.4#

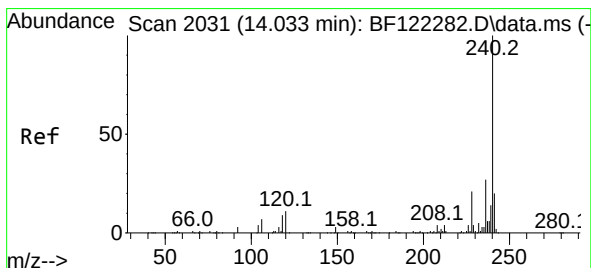
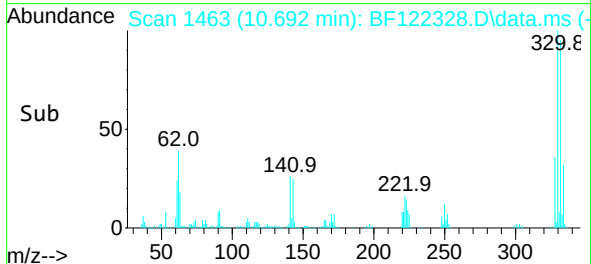
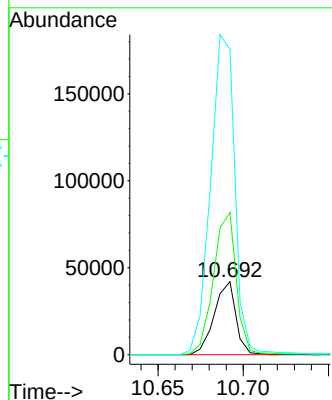
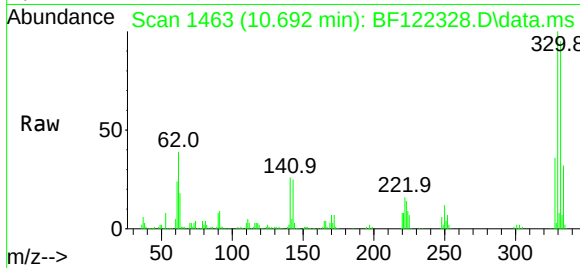




#67
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

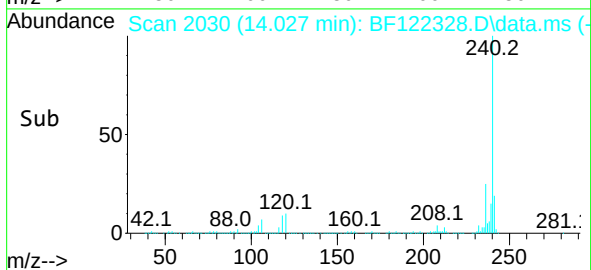
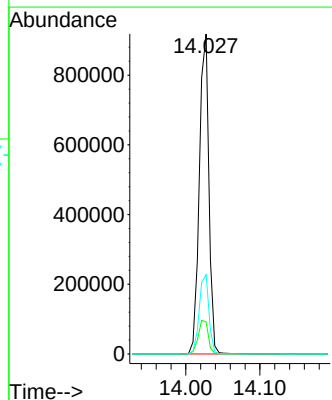
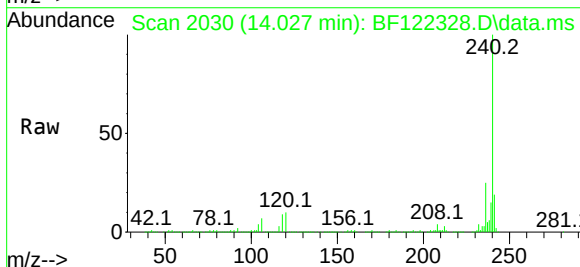
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WC

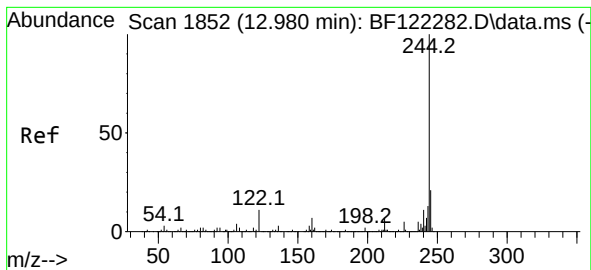
Tgt Ion:248 Resp: 37165
Ion Ratio Lower Upper
248 100
250 194.7 77.0 115.6#
141 417.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122328.D
Acq: 13 Nov 2020 14:35

Tgt Ion:240 Resp: 819102
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 24.8 20.9 31.3

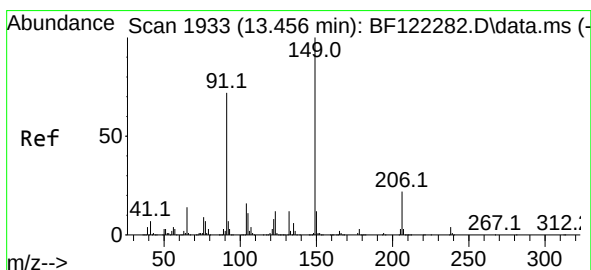
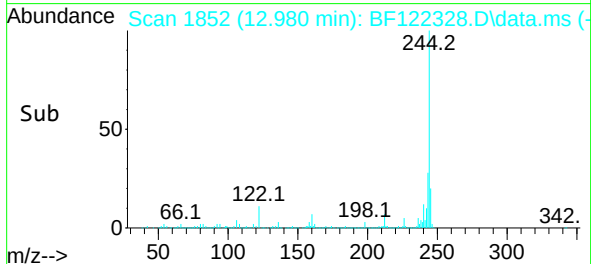
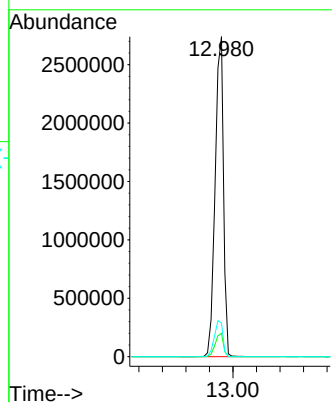
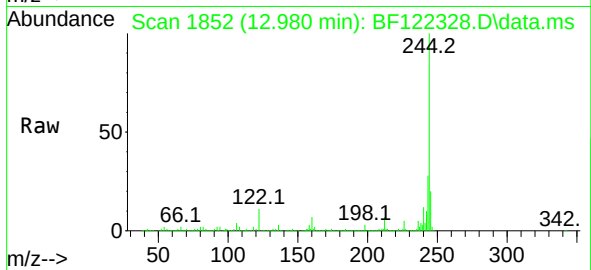




#79
 Terphenyl-d14
 Concen: 69.41 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122328.D
 Acq: 13 Nov 2020 14:35

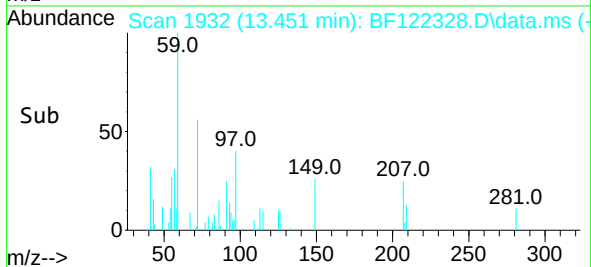
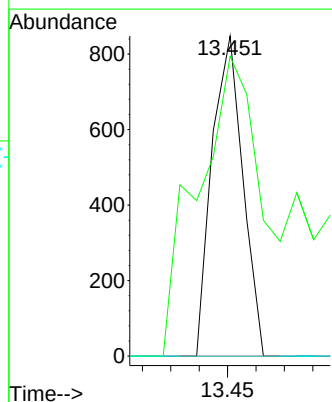
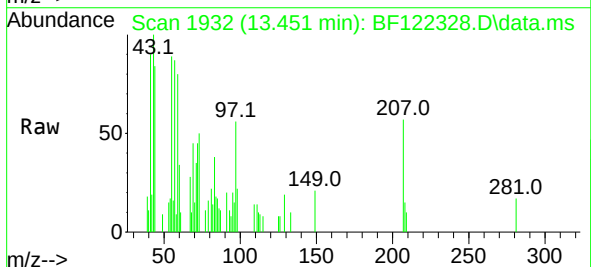
Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WC

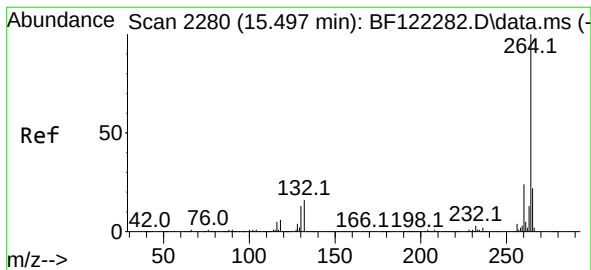
Tgt Ion:244 Resp: 2683798
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.6 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.31 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122328.D
 Acq: 13 Nov 2020 14:35

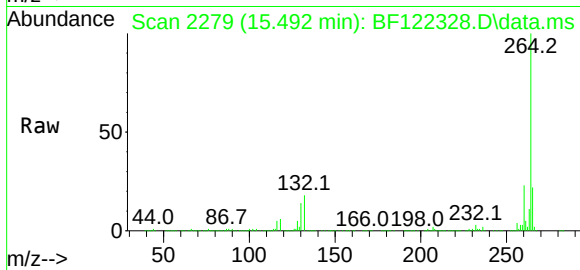
Tgt Ion:149 Resp: 638
 Ion Ratio Lower Upper
 149 100
 91 93.6 61.0 91.4#
 206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF122328.D
 Acq: 13 Nov 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WC



Tgt Ion:264 Resp: 768189
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.5 17.3 25.9

