

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122321.D
 Acq On : 12 Nov 2020 18:09
 Operator : JU/CG
 Sample : L4714-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-SP-1

Quant Time: Nov 13 01:35:03 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)

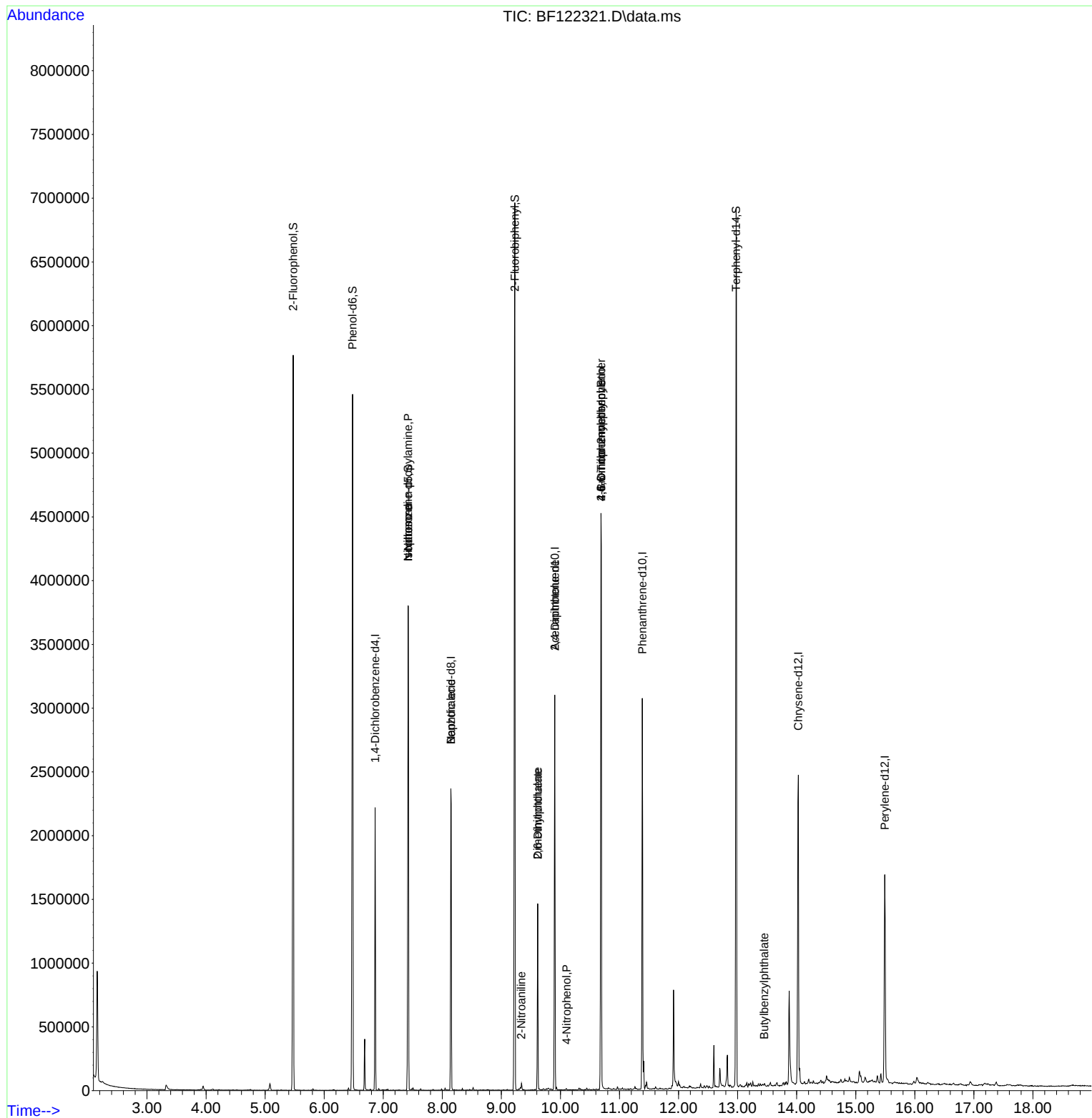
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	278258	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1077726	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	568954	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1041437	20.00	ng	0.00
76) Chrysene-d12	14.027	240	806554	20.00	ng	0.00
86) Perylene-d12	15.492	264	735260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1596727	88.11	ng	0.00
7) Phenol-d6	6.481	99	2042415	86.15	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1263226	71.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	590693	96.73	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2166308	59.49	ng	0.00
79) Terphenyl-d14	12.974	244	2302039	60.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	265	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	172388	12.17	ng	# 78
25) Isophorone	7.422	82	1261646	32.15	ng	# 67
32) Benzoic acid	8.145	122	152	7.97	ng	# 1
48) 2-Nitroaniline	9.339	65	645	5.22	ng	# 6
50) Dimethylphthalate	9.616	163	497255	12.30	ng	# 99
51) 2,6-Dinitrotoluene	9.616	165	5649	4.39	ng	# 23
56) 4-Nitrophenol	10.104	139	941	5.51	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	74781	10.66	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1277	6.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	38752	3.17	ng	# 1
80) Butylbenzylphthalate	13.451	149	1564	3.35	ng	# 47

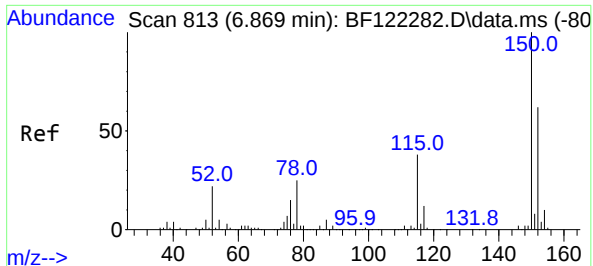
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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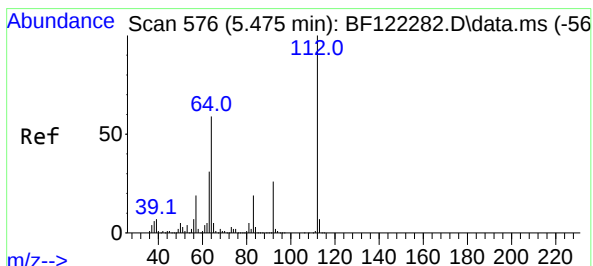
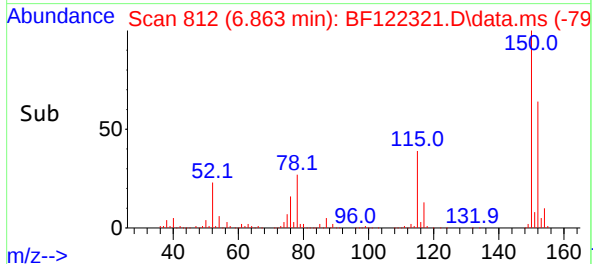
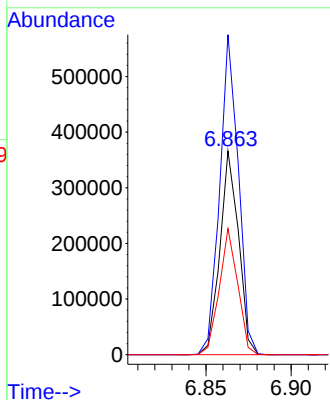
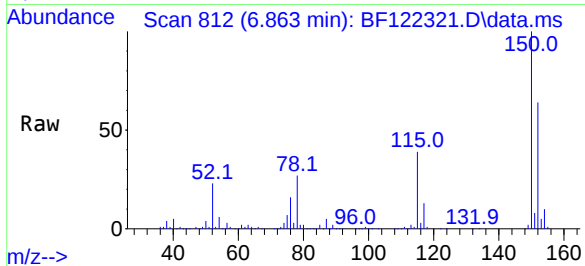




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

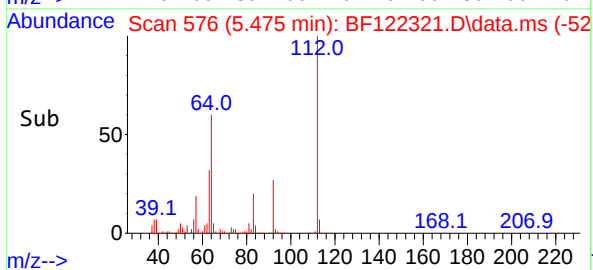
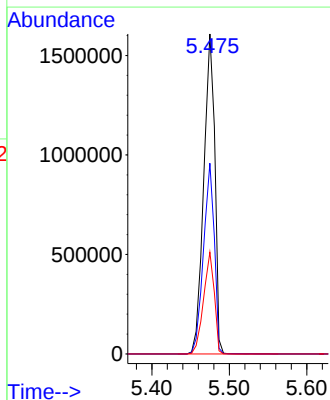
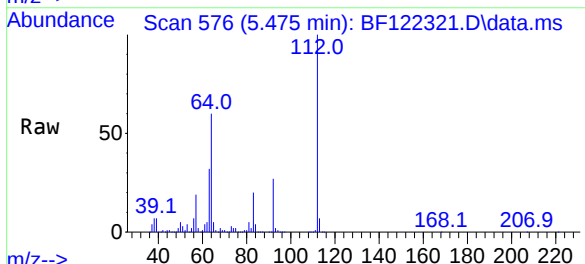
Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

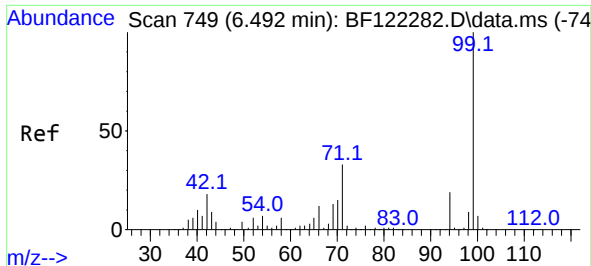
Tgt Ion:152 Resp: 278258
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 88.11 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:112 Resp: 1596727
Ion Ratio Lower Upper
112 100
64 59.6 50.4 75.6
63 31.8 25.8 38.6



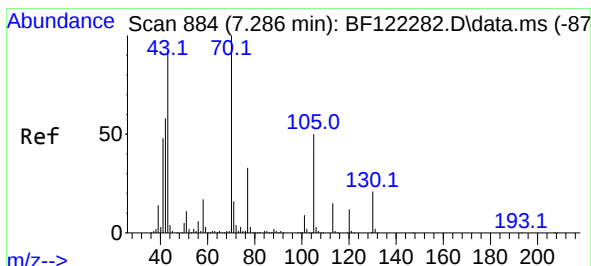
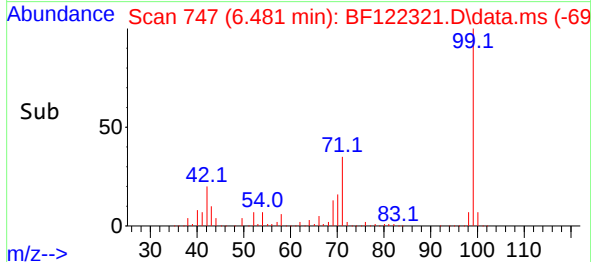
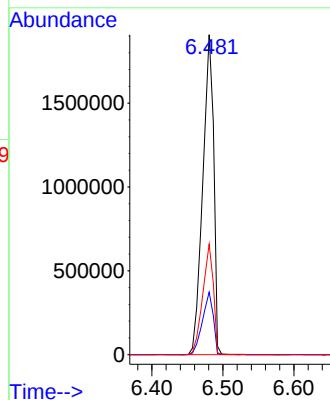
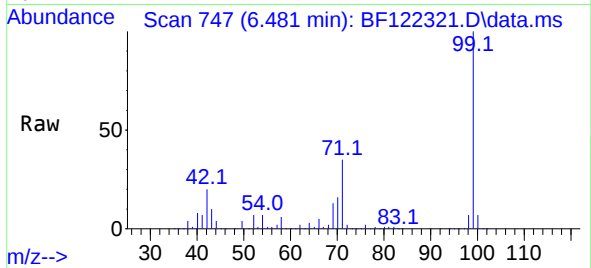


#7
Phenol-d6
Concen: 86.15 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

Tgt Ion: 99 Resp: 2042415

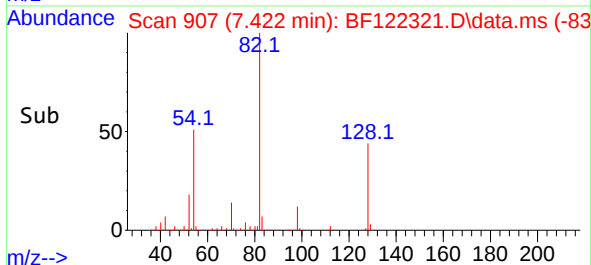
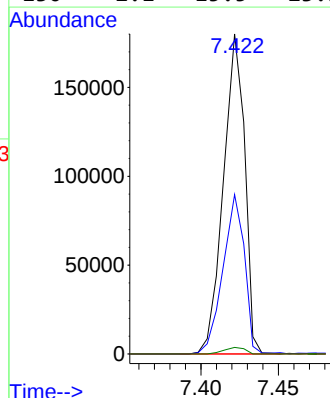
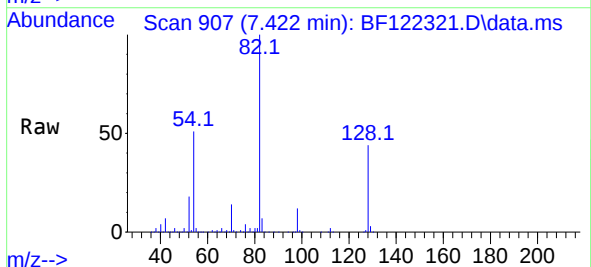
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	34.5	27.1	40.7

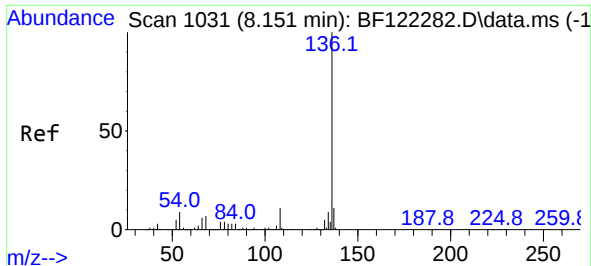


#19
n-Nitroso-di-n-propylamine
Concen: 12.17 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 70 Resp: 172388

Ion	Ratio	Lower	Upper
70	100		
42	49.8	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



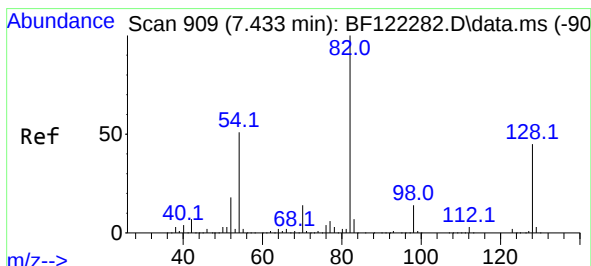
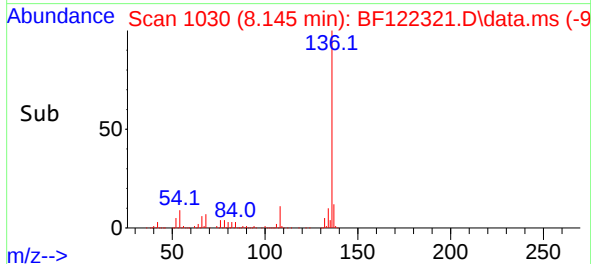
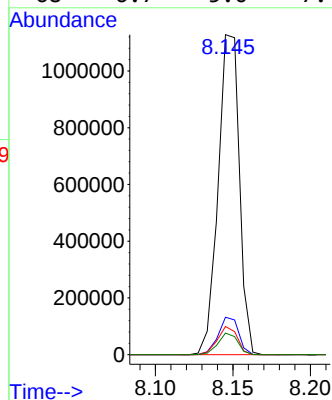
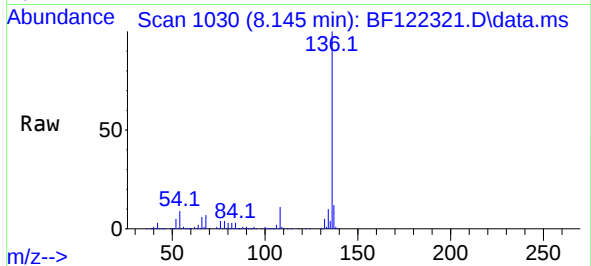


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

Tgt Ion:136 Resp: 1077726

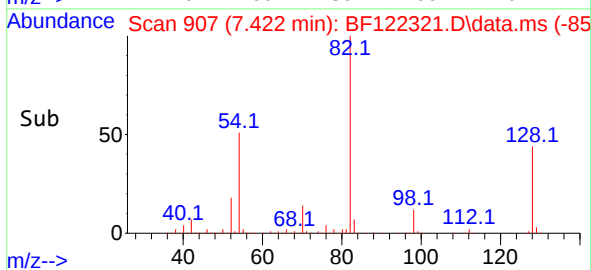
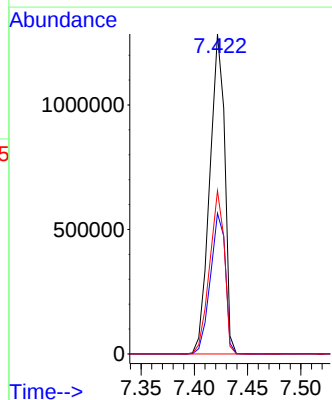
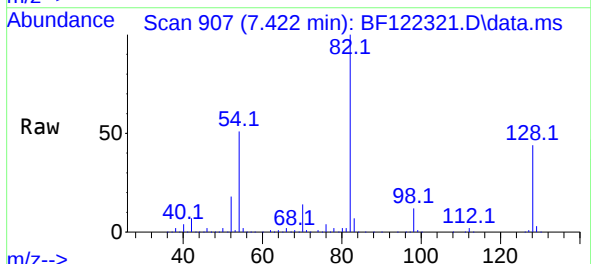
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.8	7.1	10.7
68	6.7	5.0	7.4

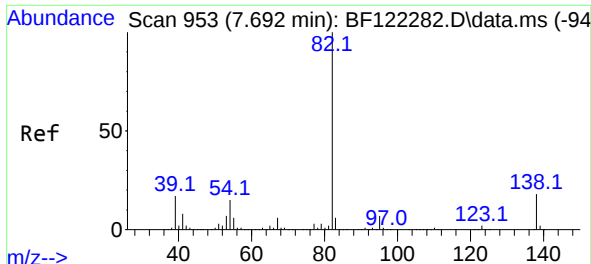


#23
Nitrobenzene-d5
Concen: 71.76 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 82 Resp: 1263226

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.4
54	51.0	43.9	65.9

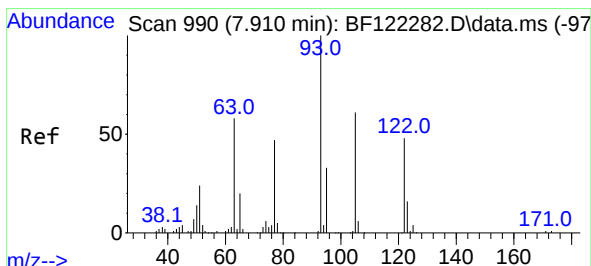
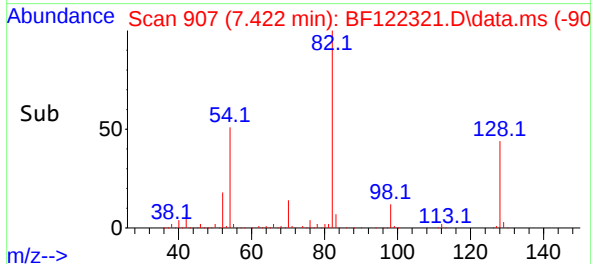
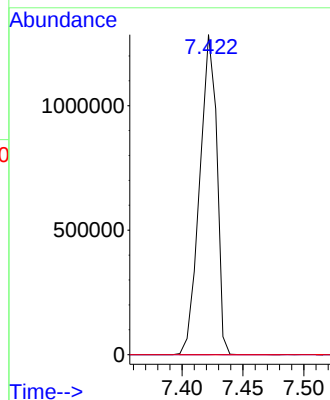
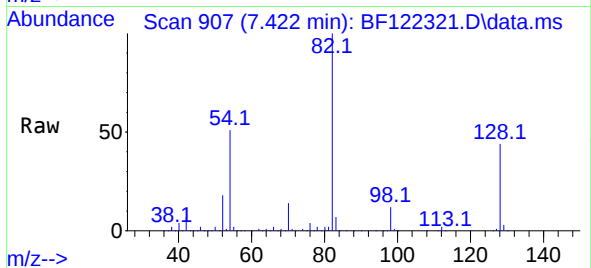




#25
Isophorone
Concen: 32.15 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

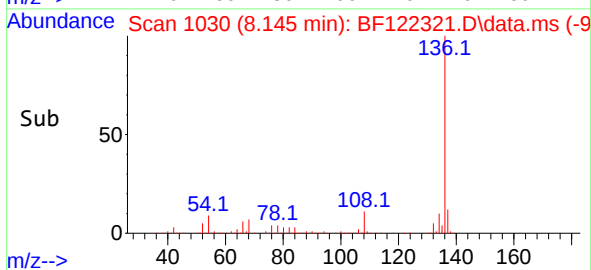
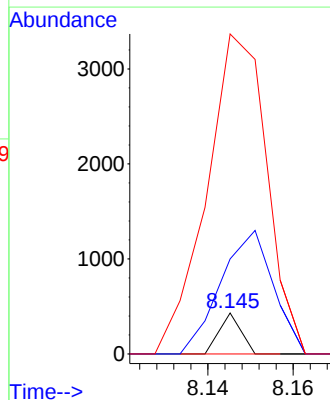
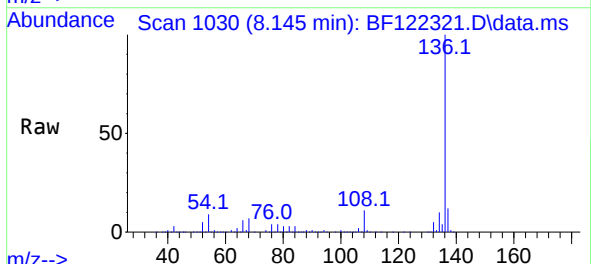
Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

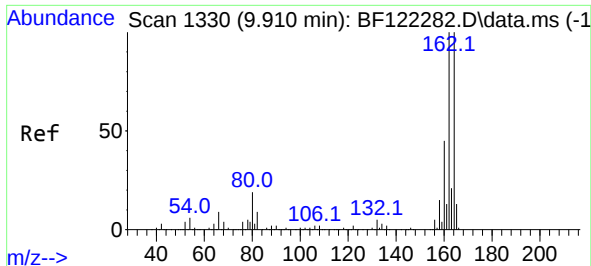
Tgt Ion: 82 Resp: 1261646
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.235 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 231.5 103.3 143.3#
77 779.6 73.9 113.9#

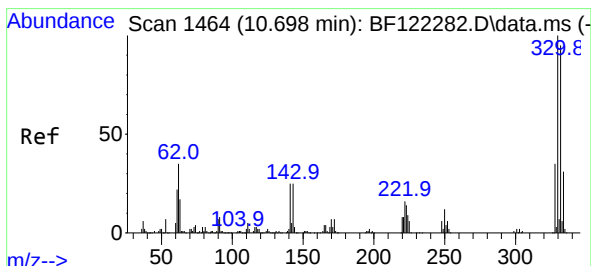
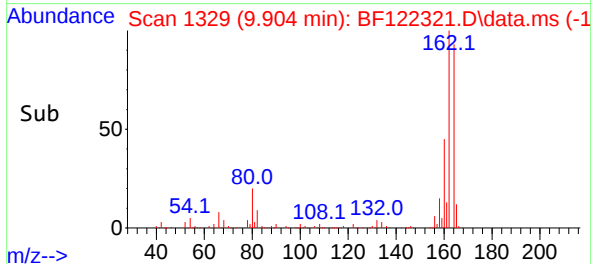
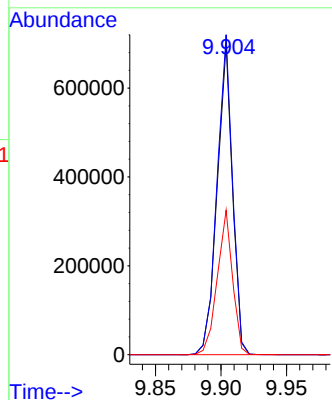
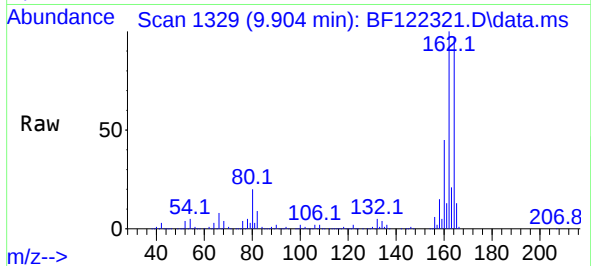




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

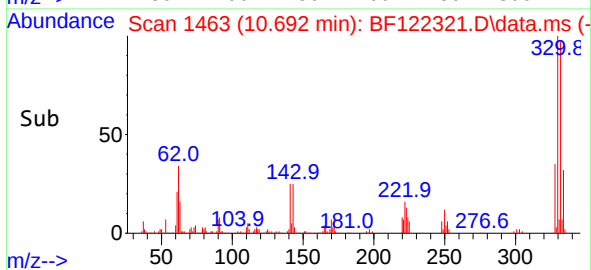
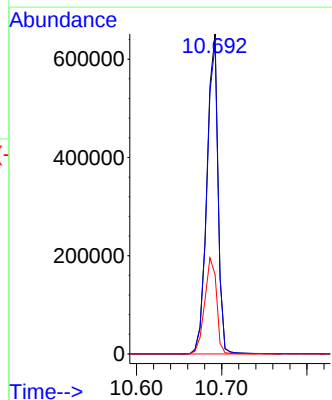
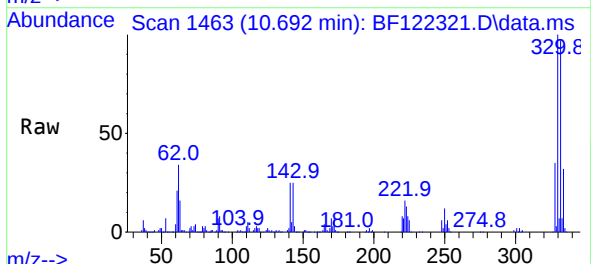
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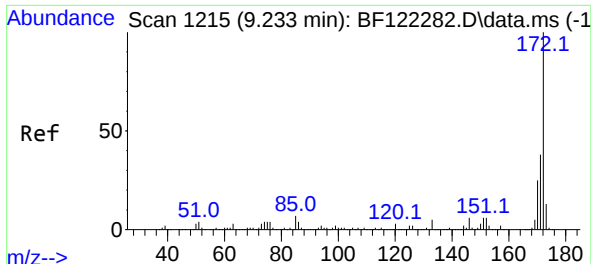
Tgt Ion:164 Resp: 568954
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 46.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 96.73 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:330 Resp: 590693
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 32.1 22.3 33.5

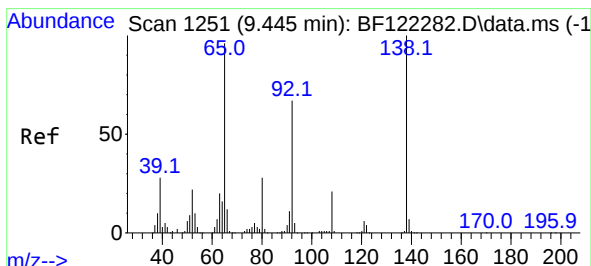
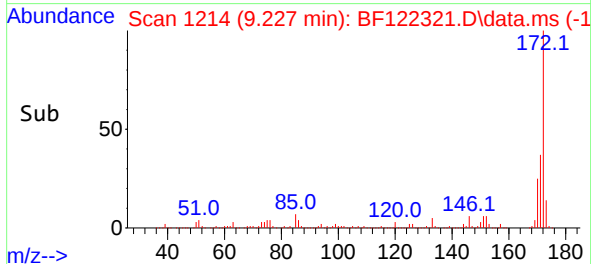
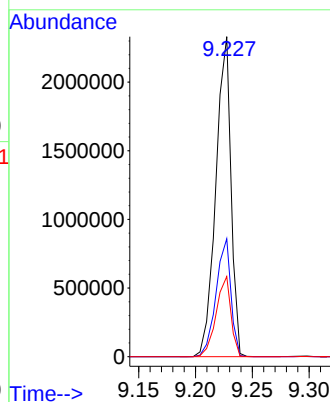
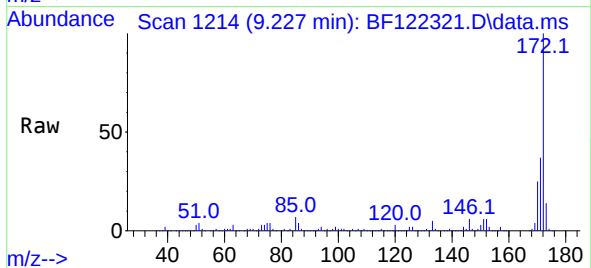




#45
2-Fluorobiphenyl
Concen: 59.49 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

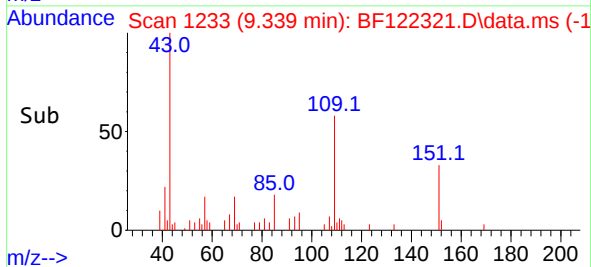
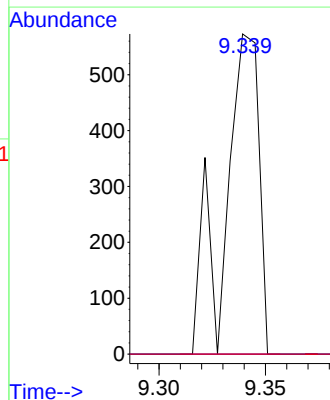
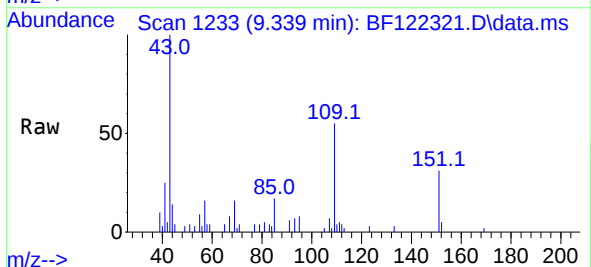
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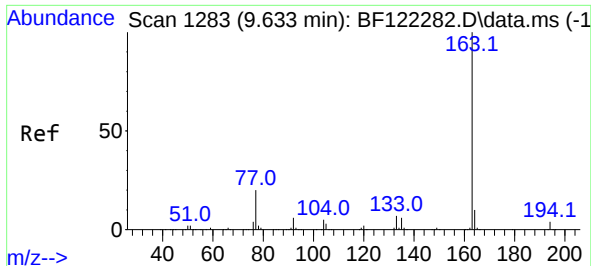
Tgt Ion:172 Resp: 2166308
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 25.1 19.8 29.6



#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 65 Resp: 645
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

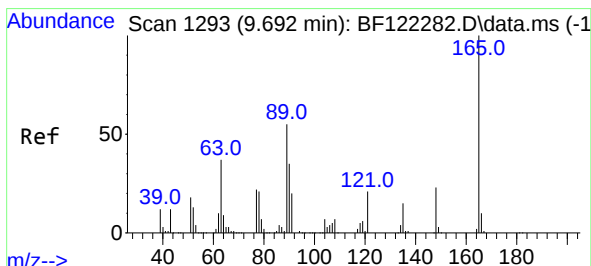
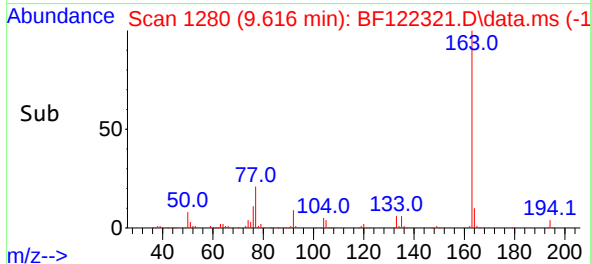
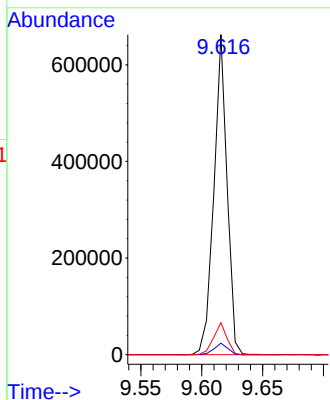
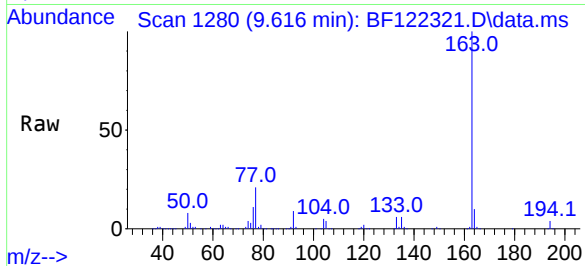




#50
Dimethylphthalate
Concen: 12.30 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

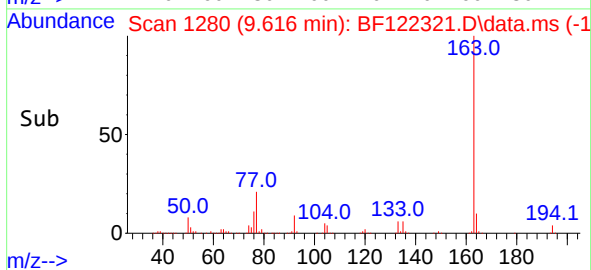
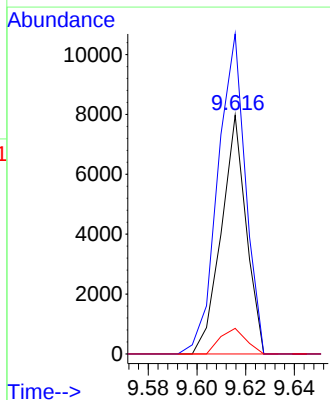
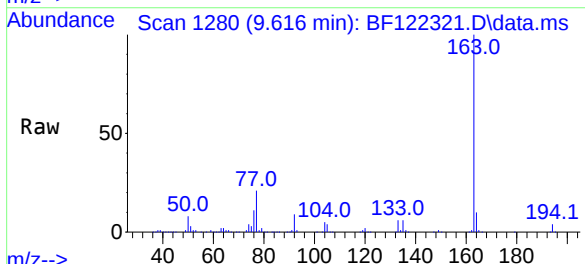
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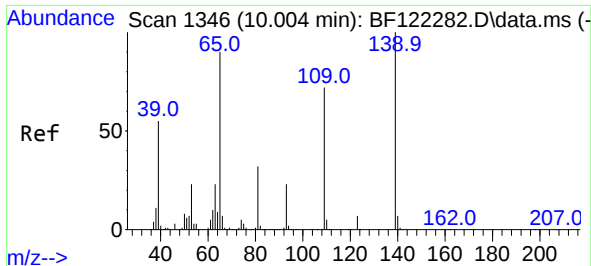
Tgt Ion:163 Resp: 497255
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.39 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:165 Resp: 5649
Ion Ratio Lower Upper
165 100
63 134.1 51.8 77.6#
89 10.7 49.0 73.6#

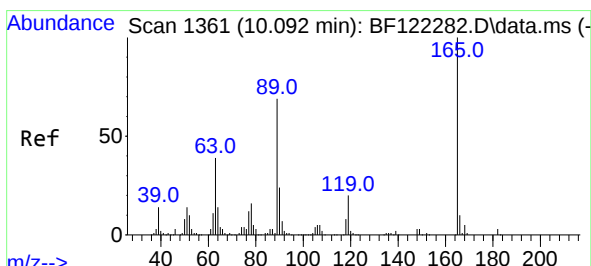
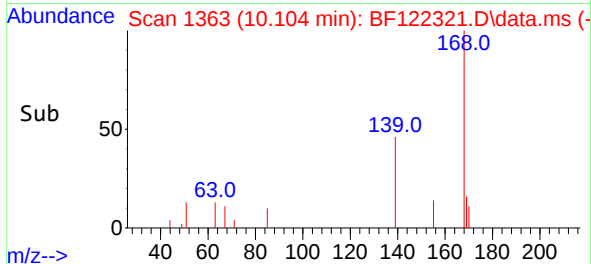
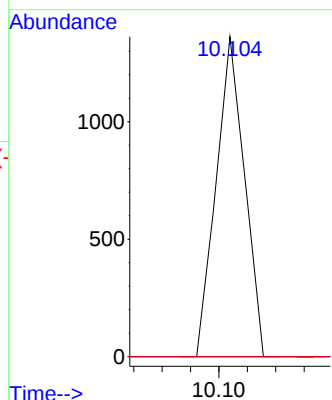
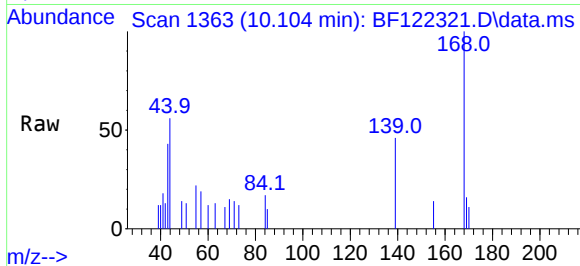




#56
4-Nitrophenol
Concen: 5.51 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

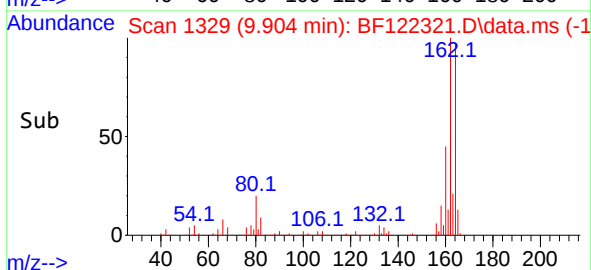
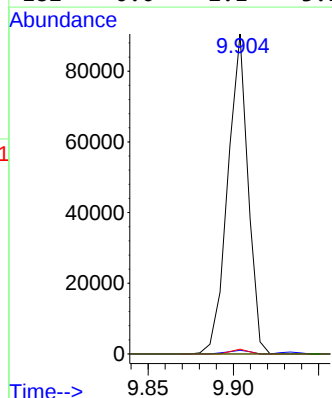
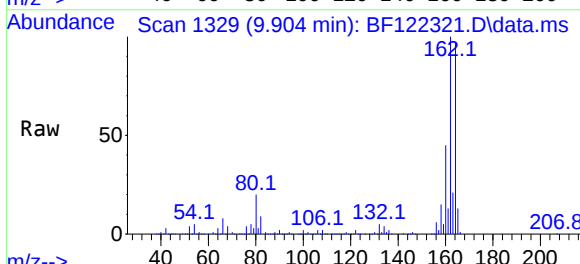
Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

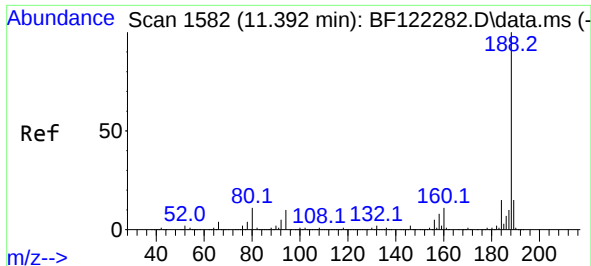
Tgt Ion:139	Resp:	941
Ion	Ratio	Lower Upper
139	100	
109	0.0	45.4 85.4#
65	0.0	68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.66 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:165	Resp:	74781
Ion	Ratio	Lower Upper
165	100	
63	1.2	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#

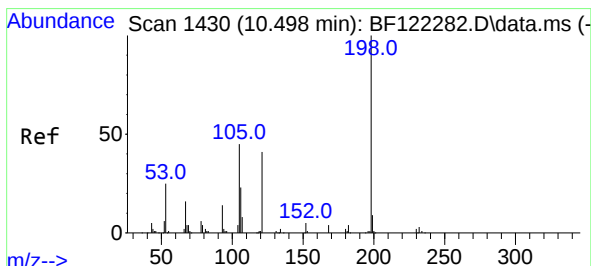
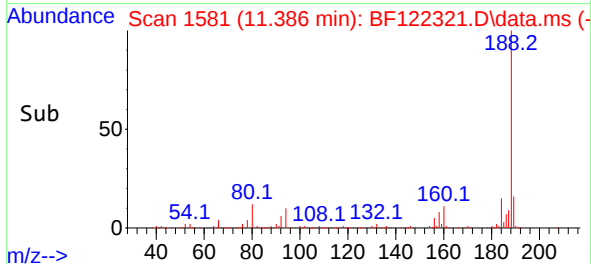
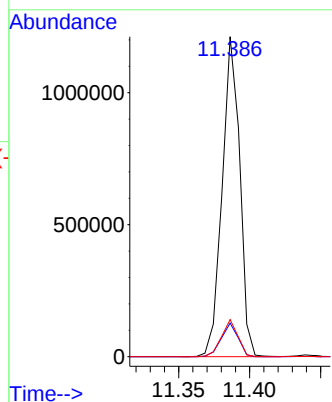
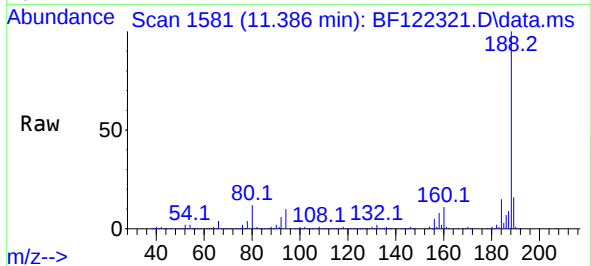




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

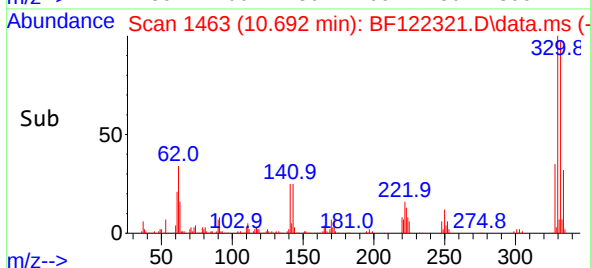
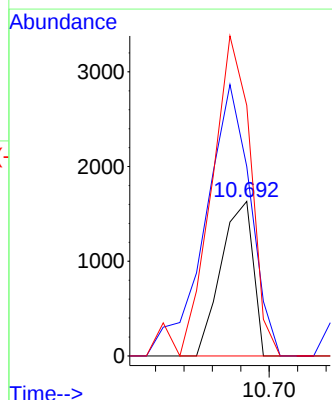
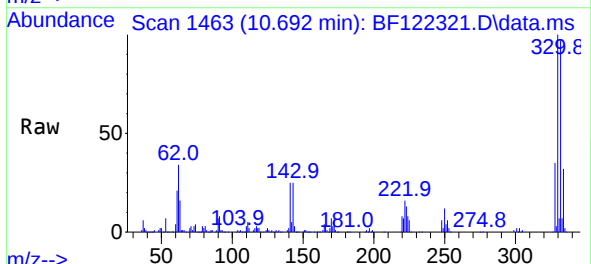
Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

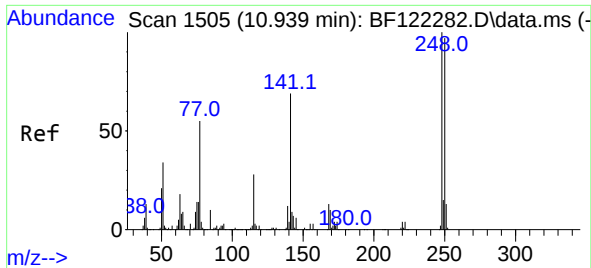
Tgt Ion:188 Resp: 1041437
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:198 Resp: 1277
Ion Ratio Lower Upper
198 100
51 122.6 29.6 69.6#
105 162.1 24.4 64.4#

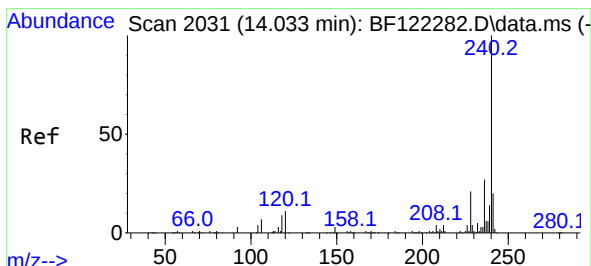
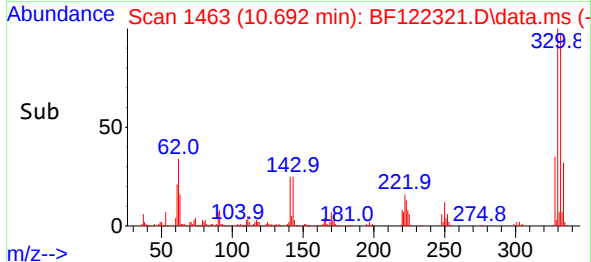
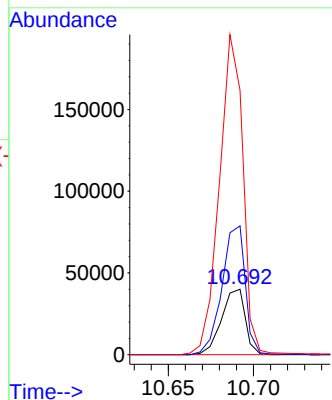
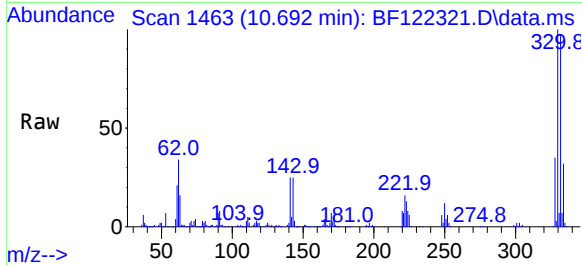




#67
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

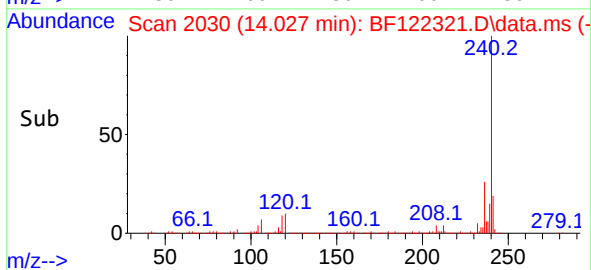
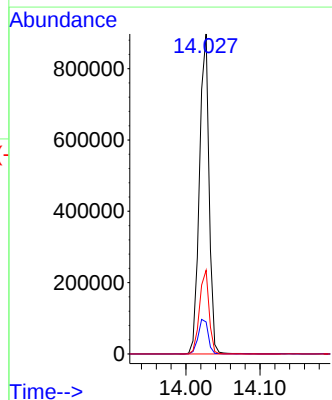
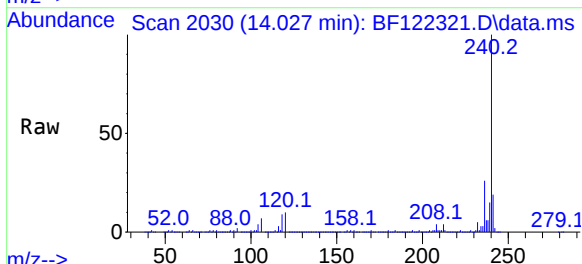
Instrument :
BNA_F
ClientSampled :
EROC-SP-1

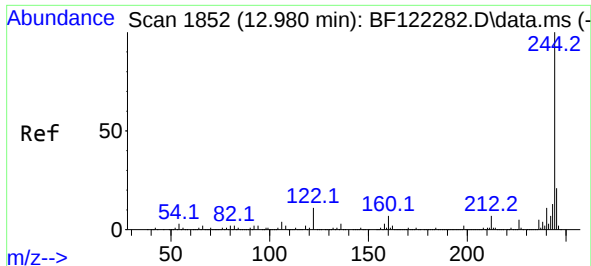
Tgt Ion:248 Resp: 38752
Ion Ratio Lower Upper
248 100
250 196.6 77.0 115.6#
141 403.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:240 Resp: 806554
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 26.2 20.9 31.3

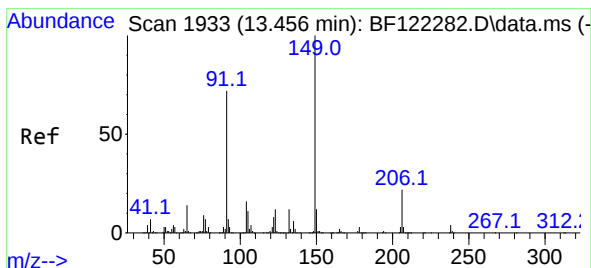
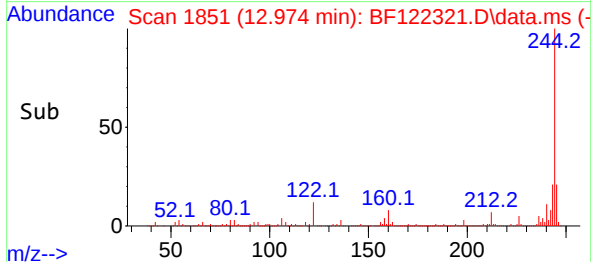
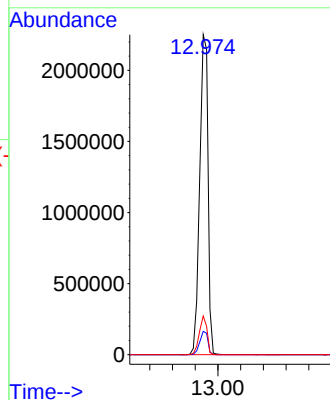
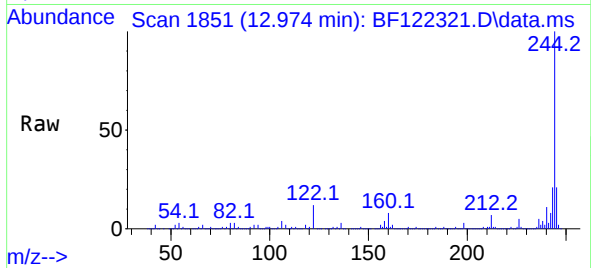




#79
Terphenyl-d14
Concen: 60.47 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

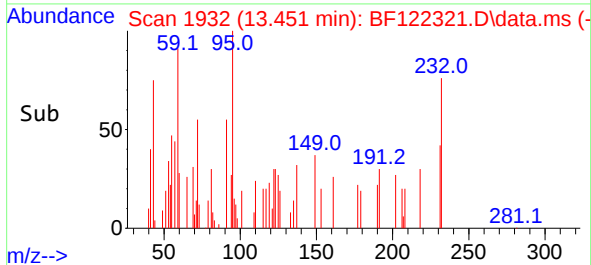
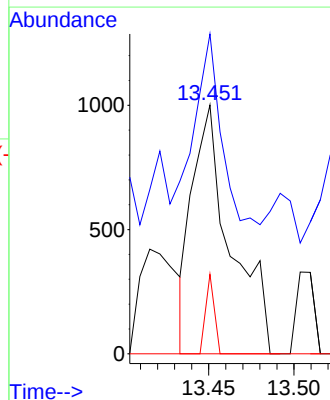
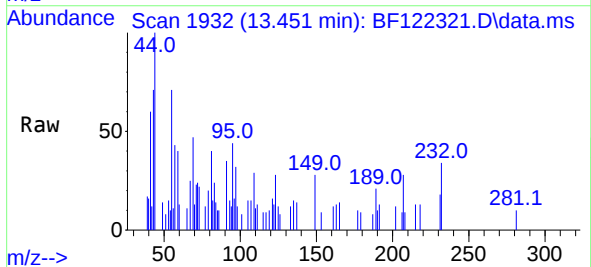
Instrument :
BNA_F
ClientSampleId :
EROC-SP-1

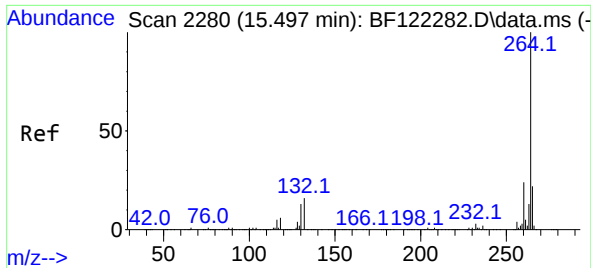
Tgt Ion:244 Resp: 2302039
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 12.1 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122321.D
Acq: 12 Nov 2020 18:09

Tgt Ion:149 Resp: 1564
Ion Ratio Lower Upper
149 100
91 128.6 61.0 91.4#
206 32.0 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: BF122321.D
 Acq: 12 Nov 2020 18:09

Instrument :
 BNA_F
 ClientSampleId :
 EROC-SP-1

Tgt Ion:264 Resp: 735260
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.1 17.3 25.9

