

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122424.D
 Acq On : 21 Nov 2020 17:04
 Operator : JU/CG
 Sample : L4800-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Nov 23 00:59:53 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)

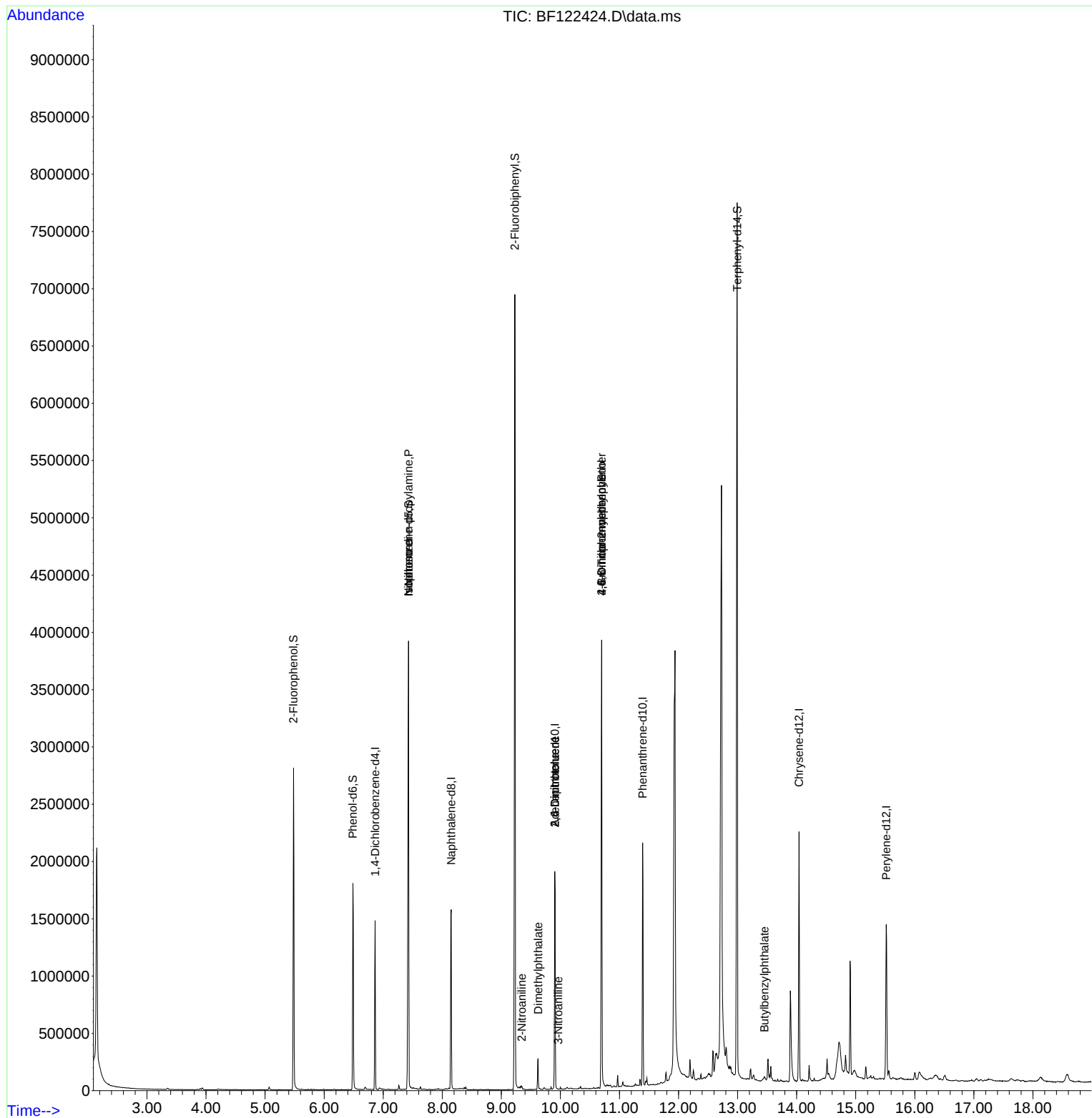
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	204027	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	755125	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	405839	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	790703	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	713359	20.00	ng	-0.01
86) Perylene-d12	15.515	264	659140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	772179	58.11	ng	-0.01
7) Phenol-d6	6.487	99	619284	35.63	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1351501	109.57	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	512929	117.76	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2301531	88.61	ng	0.00
79) Terphenyl-d14	12.992	244	2651494	78.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	839	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.428	70	185253	17.83 ng	#	73
25) Isophorone	7.428	82	1339900	48.73 ng	#	67
48) 2-Nitroaniline	9.345	65	524	5.23 ng	#	6
50) Dimethylphthalate	9.622	163	115440	4.00 ng		99
51) 2,6-Dinitrotoluene	9.904	165	51912	11.26 ng	#	20
53) 3-Nitroaniline	9.963	138	278	3.59 ng	#	1
57) 2,4-Dinitrotoluene	9.904	165	51912	10.50 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.698	198	1032	6.53 ng	#	1
67) 4-Bromophenyl-phenylether	10.698	248	32655	3.51 ng	#	1
80) Butylbenzylphthalate	13.457	149	1612	3.36 ng	#	8

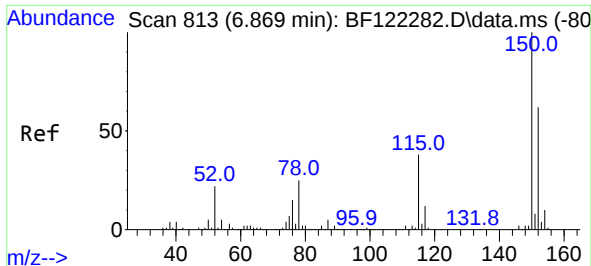
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
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ALS Vial : 5 Sample Multiplier: 1

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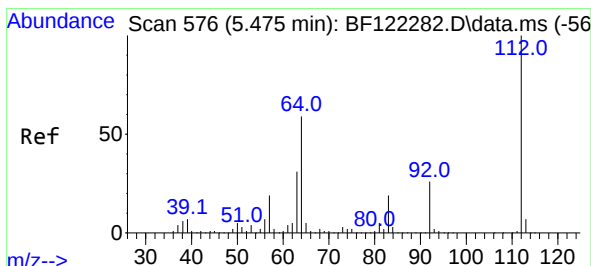
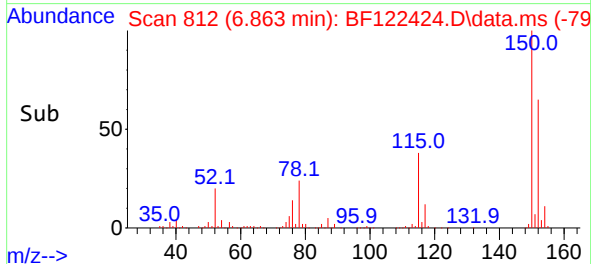
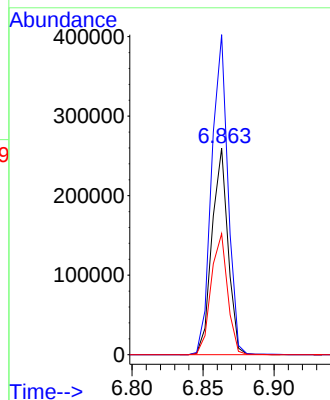
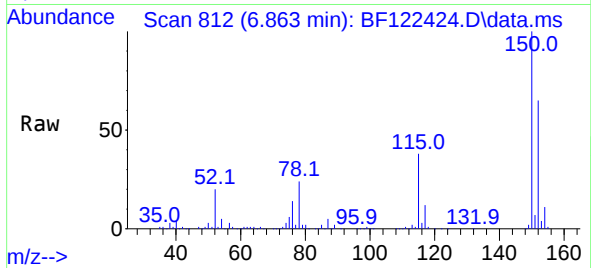




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

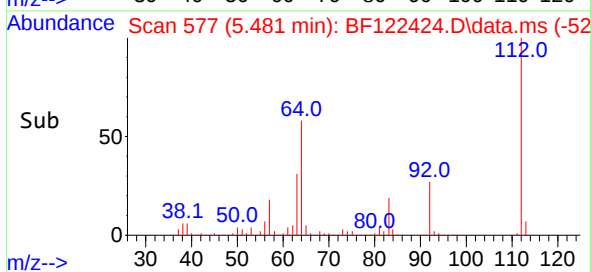
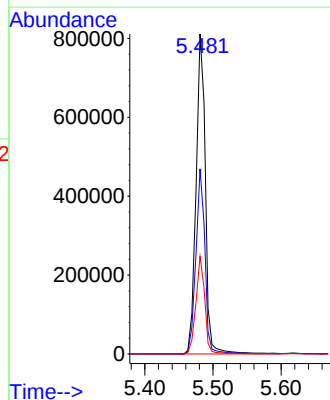
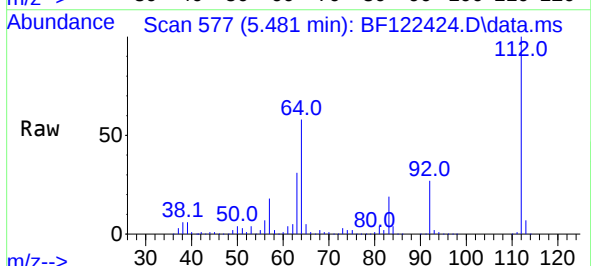
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BNA_F
ClientSampleId :
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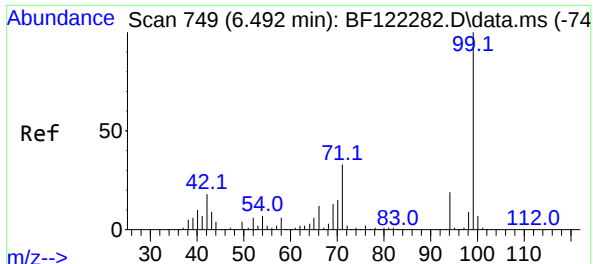
Tgt Ion:152 Resp: 204027
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 58.6 51.9 77.9



#5
2-Fluorophenol
Concen: 58.11 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:112 Resp: 772179
Ion Ratio Lower Upper
112 100
64 57.9 50.4 75.6
63 30.5 25.8 38.6

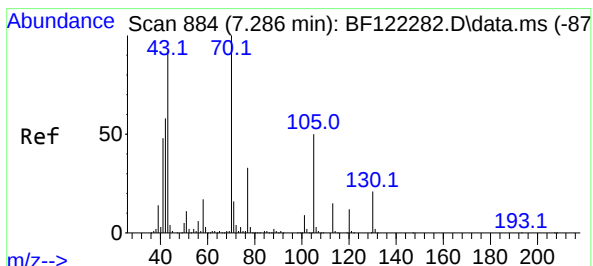
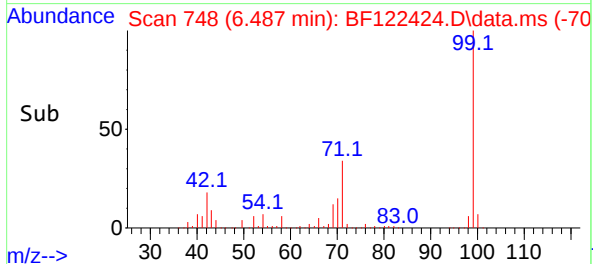
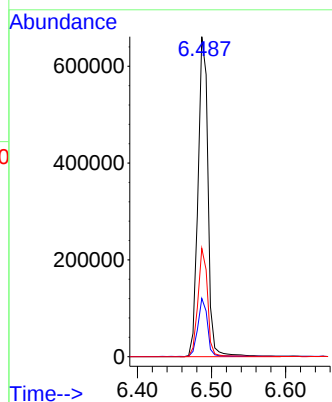
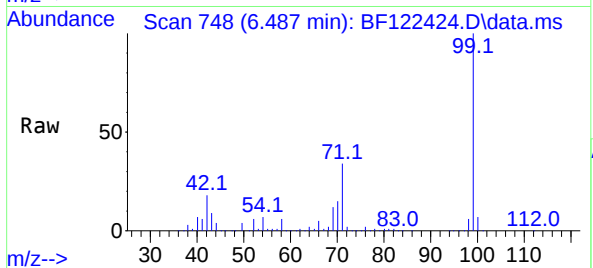




#7
Phenol-d6
Concen: 35.63 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

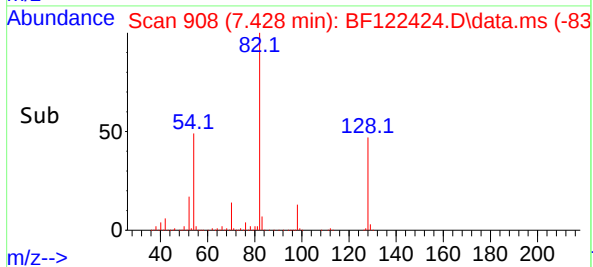
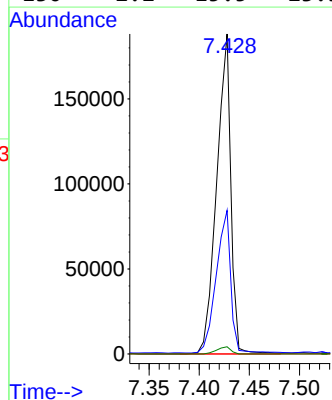
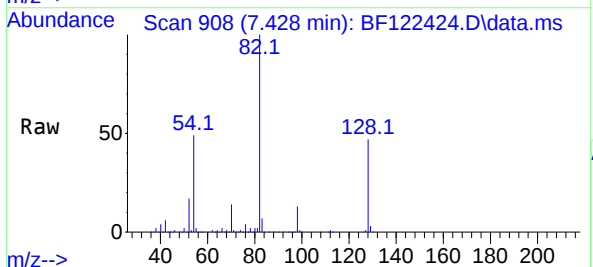
Instrument :
BNA_F
ClientSampleId :
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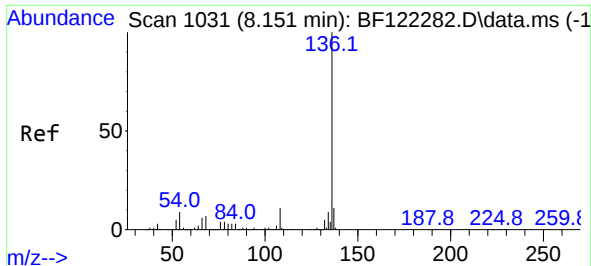
Tgt Ion: 99 Resp: 619284
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 33.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.83 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion: 70 Resp: 185253
Ion Ratio Lower Upper
70 100
42 44.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



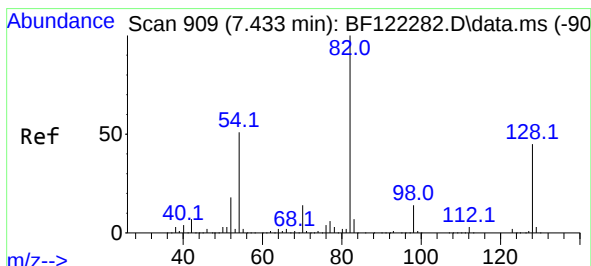
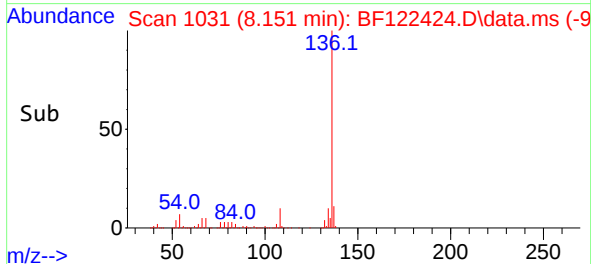
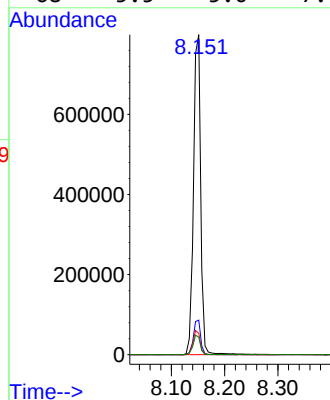
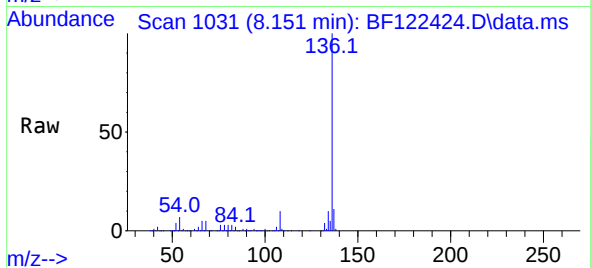


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:136 Resp: 755125

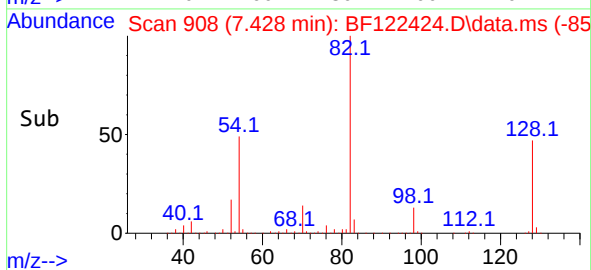
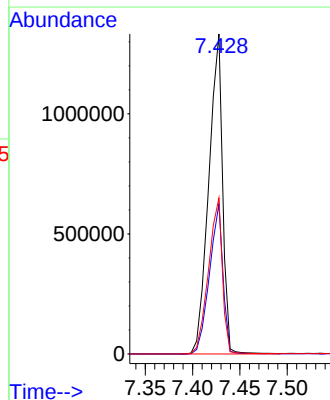
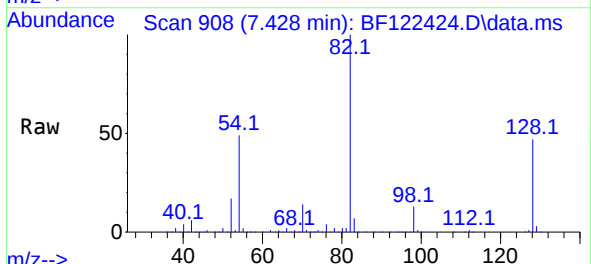
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.7	7.1	10.7#
68	5.5	5.0	7.4

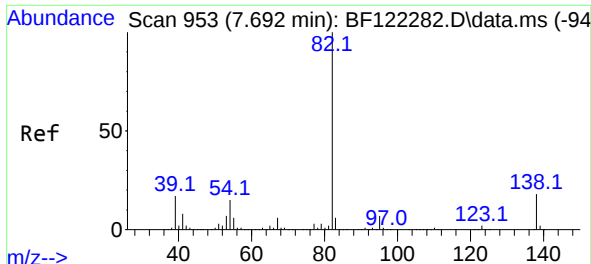


#23
Nitrobenzene-d5
Concen: 109.57 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion: 82 Resp: 1351501

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.0	52.4
54	48.7	43.9	65.9

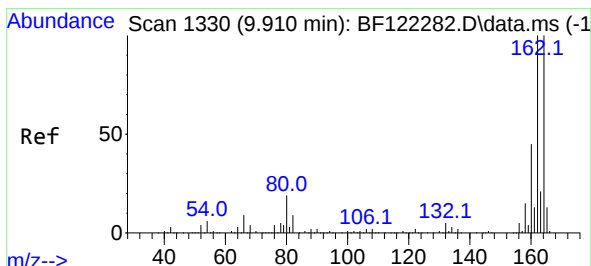
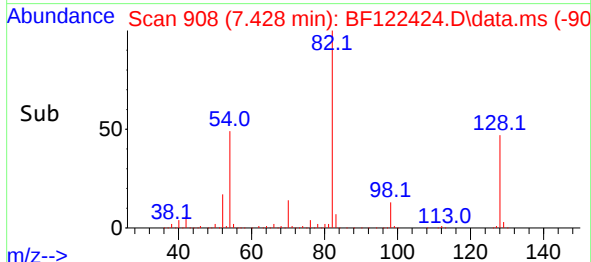
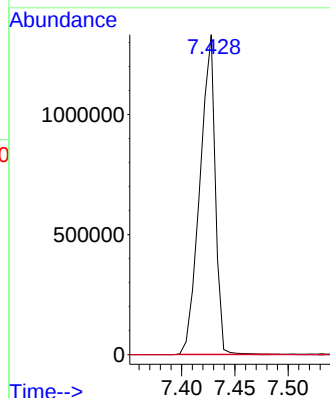
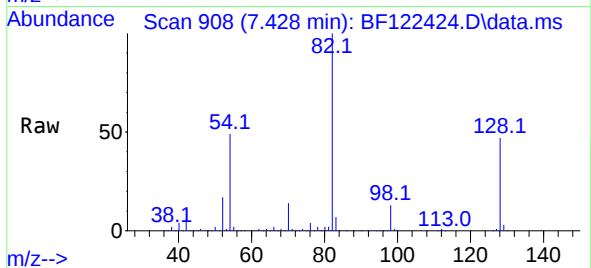




#25
Isophorone
Concen: 48.73 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

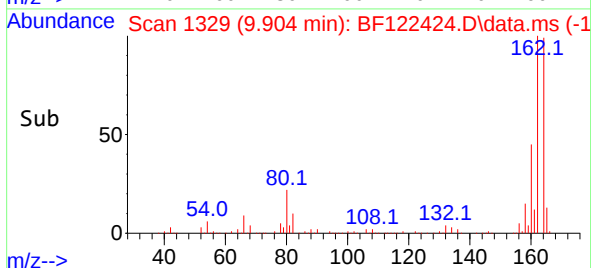
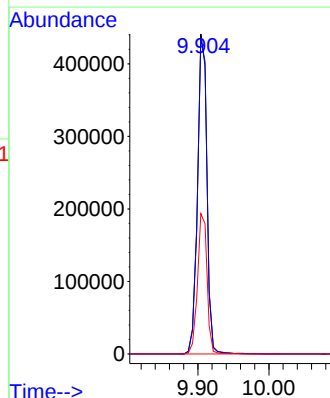
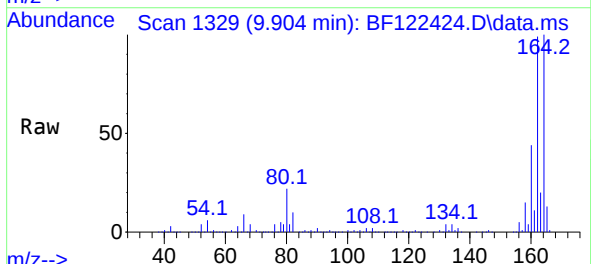
Instrument :
BNA_F
ClientSampleId :
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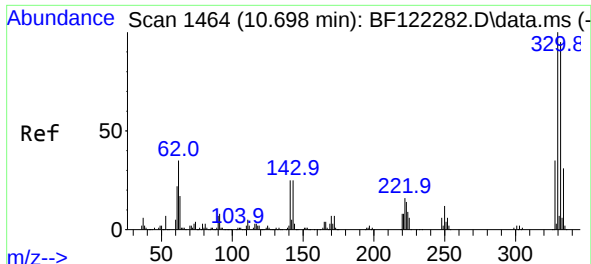
Tgt Ion: 82 Resp: 1339900
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:164 Resp: 405839
Ion Ratio Lower Upper
164 100
162 98.7 83.2 124.8
160 43.9 37.5 56.3



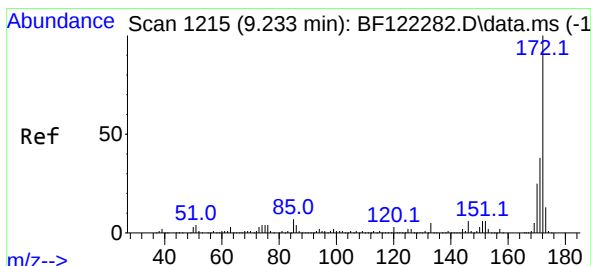
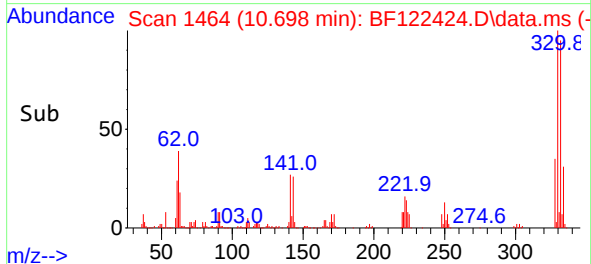
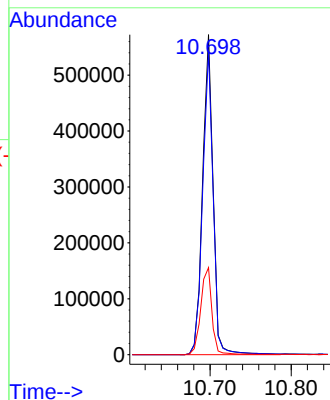
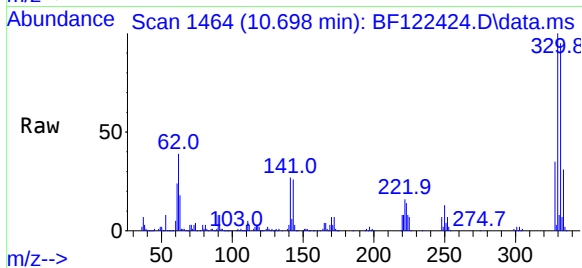


#42
2,4,6-Tribromophenol
Concen: 117.76 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion: 330 Resp: 512929

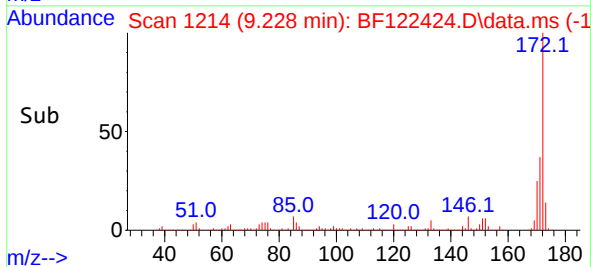
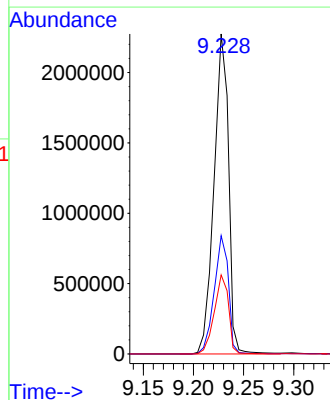
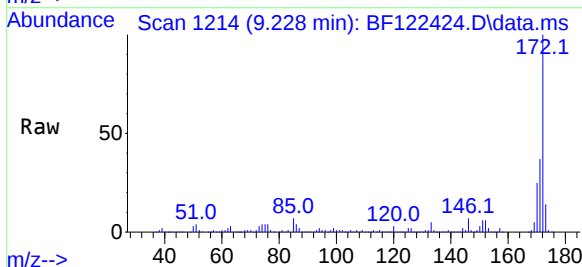
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	29.3	22.3	33.5

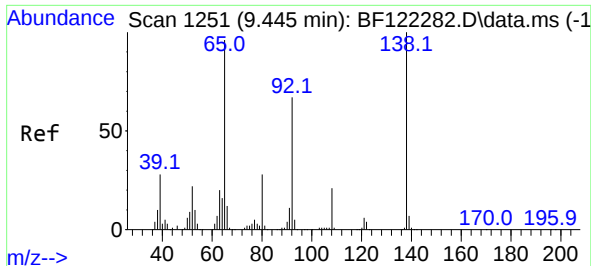


#45
2-Fluorobiphenyl
Concen: 88.61 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion: 172 Resp: 2301531

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	24.7	19.8	29.6

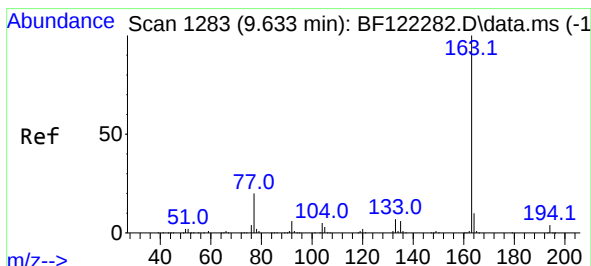
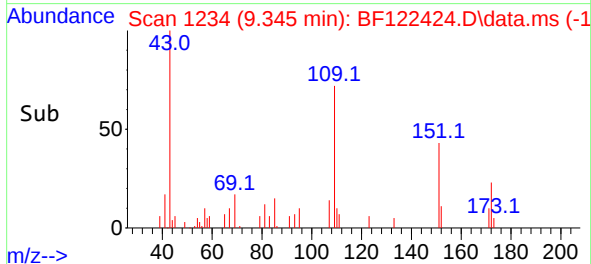
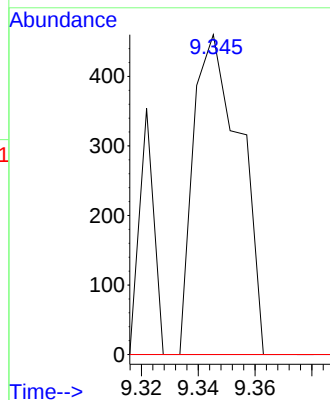
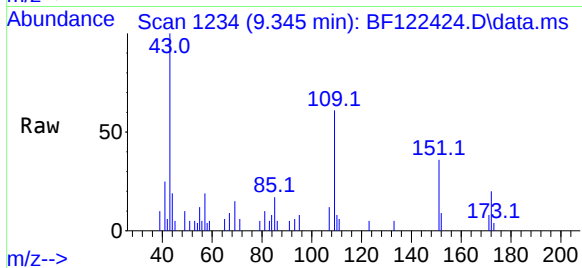




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

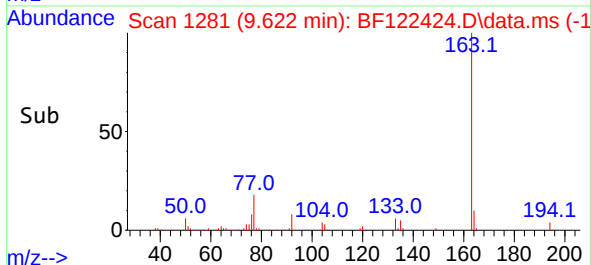
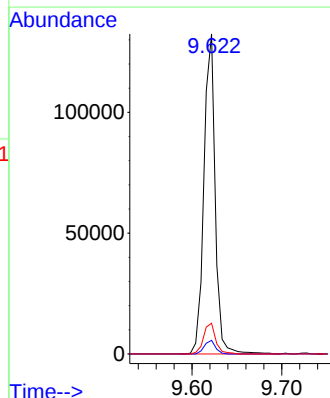
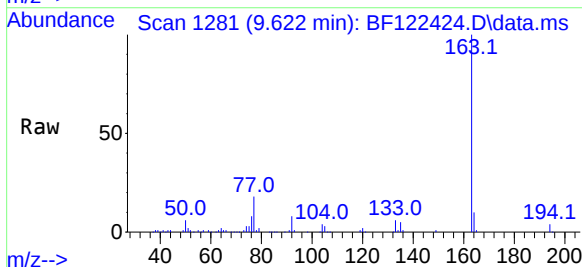
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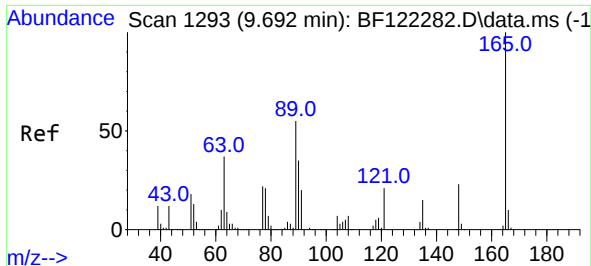
Tgt Ion: 65 Resp: 524
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 4.00 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:163 Resp: 115440
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.2 12.4

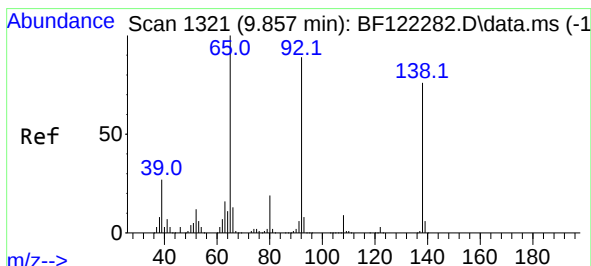
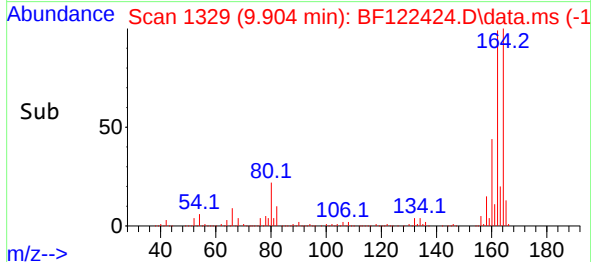
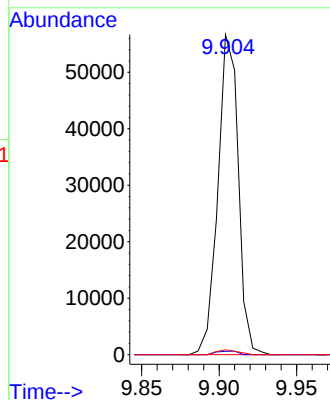
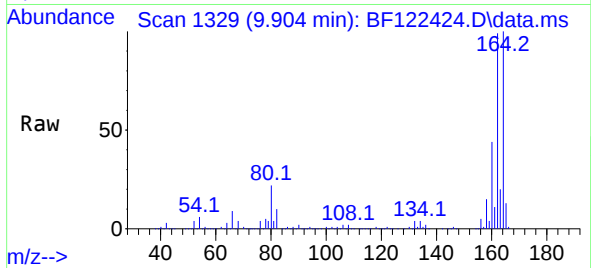




#51
2,6-Dinitrotoluene
Concen: 11.26 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

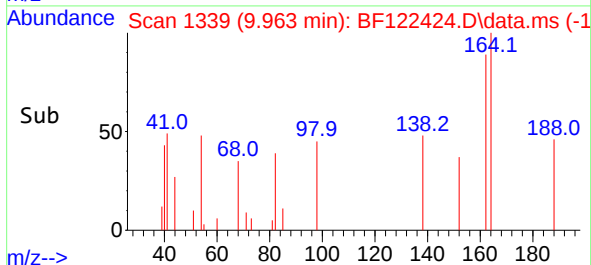
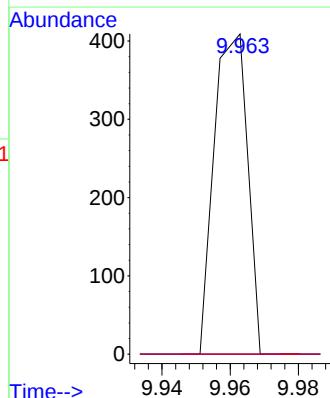
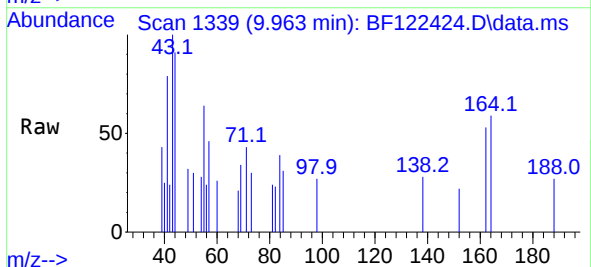
Instrument :
BNA_F
ClientSampleId :
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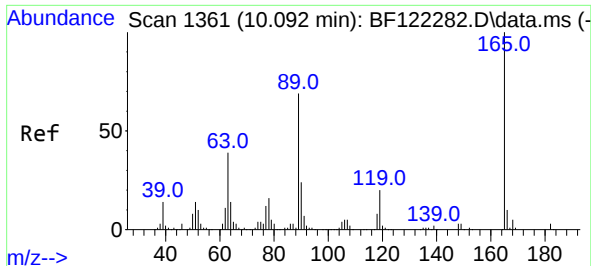
Tgt Ion:165 Resp: 51912
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.59 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.094 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:138 Resp: 278
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#

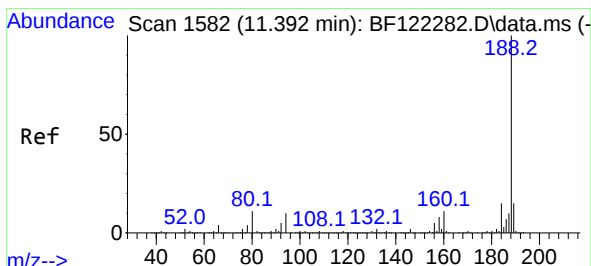
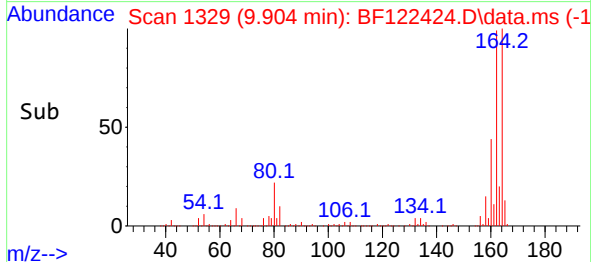
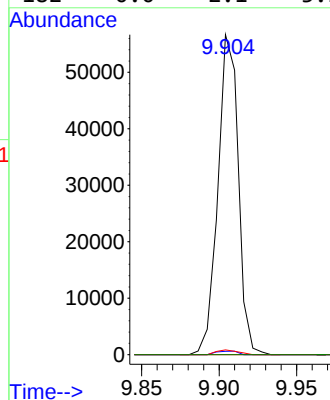
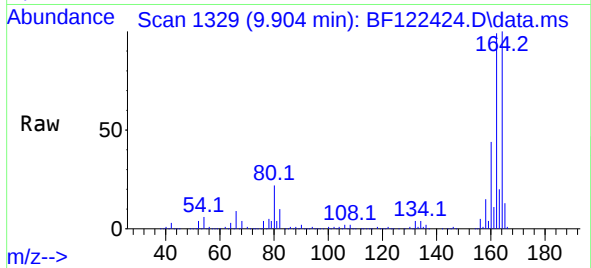




#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

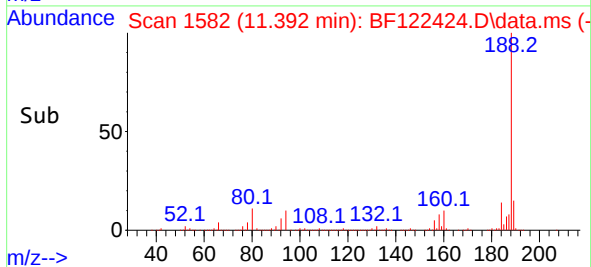
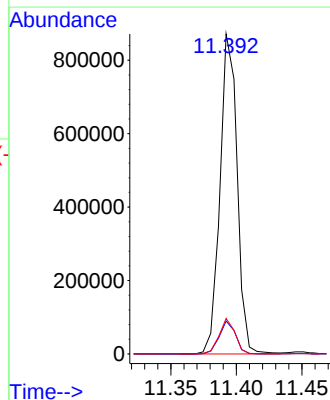
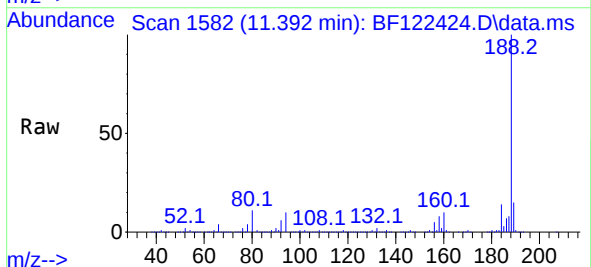
Instrument :
BNA_F
ClientSampleId :
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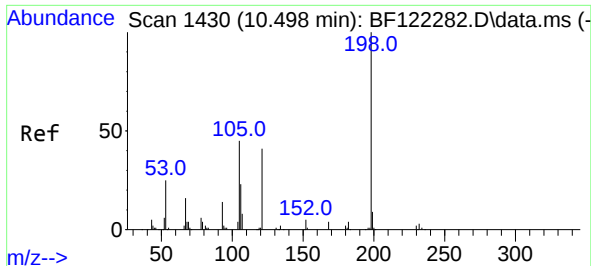
Tgt Ion:165	Resp:	51912
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:188	Resp:	790703
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.3 12.5
80	11.1	9.1 13.7

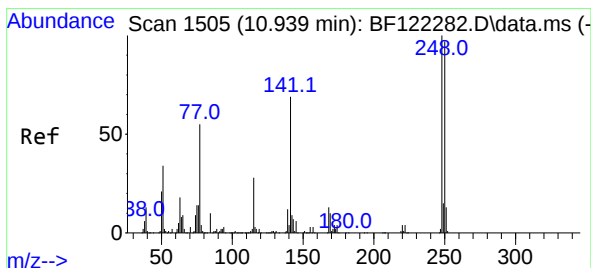
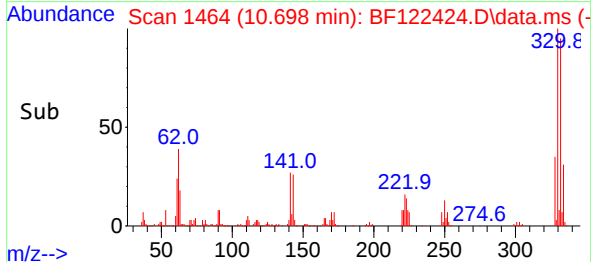
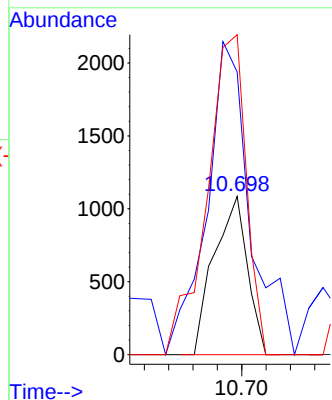
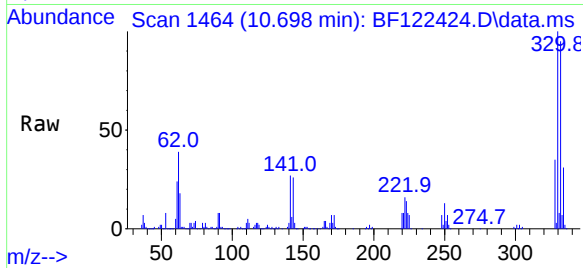




#65
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

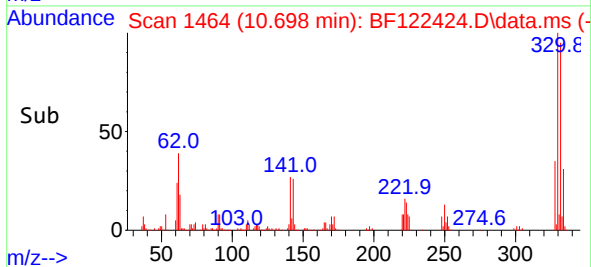
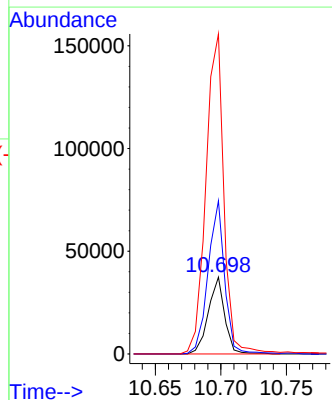
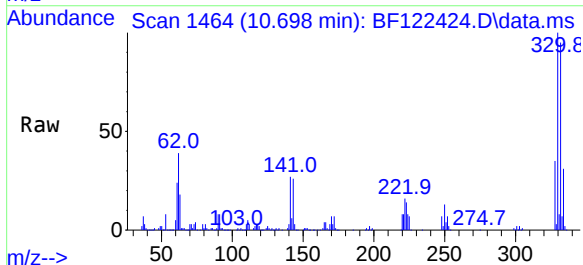
Instrument :
BNA_F
ClientSampleId :
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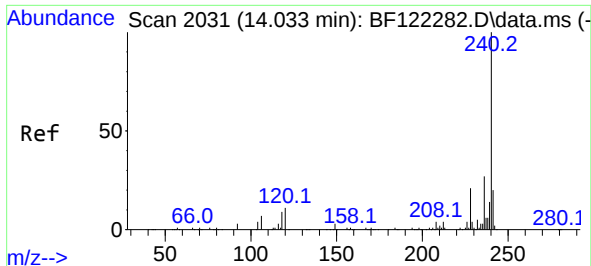
Tgt Ion:198	Resp:	1032
Ion Ratio	Lower	Upper
198	100	
51	178.6	29.6 69.6#
105	202.2	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:248	Resp:	32655
Ion Ratio	Lower	Upper
248	100	
250	199.4	77.0 115.6#
141	416.8	53.7 80.5#

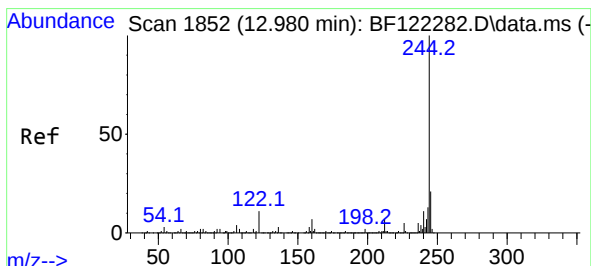
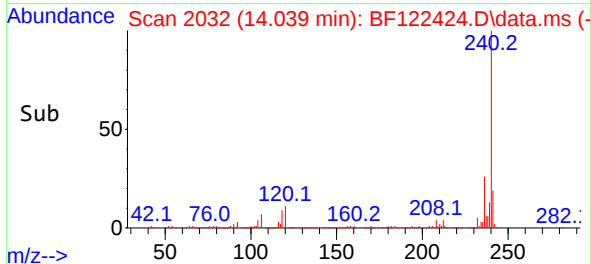
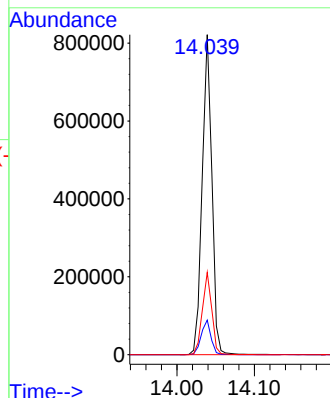
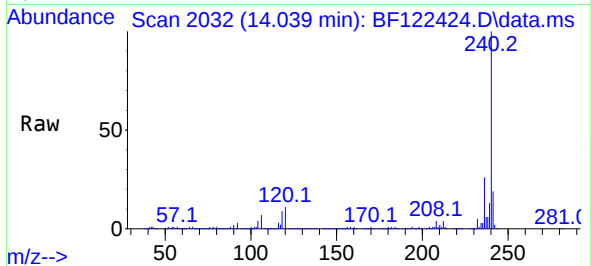




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

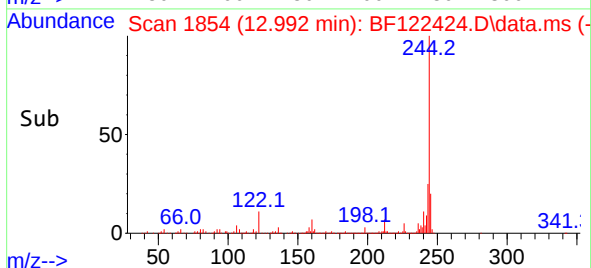
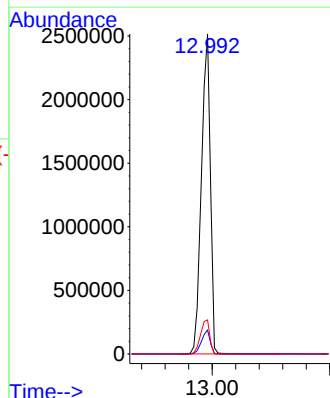
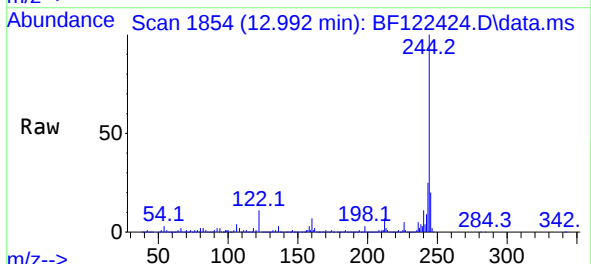
Instrument :
BNA_F
ClientSampleId :
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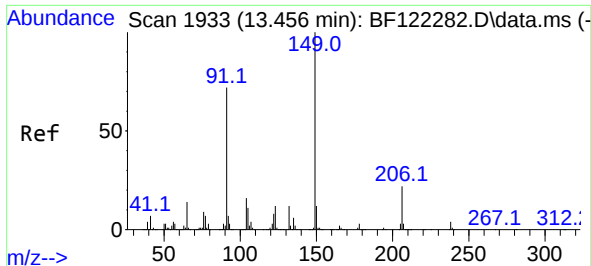
Tgt Ion:240 Resp: 713359
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 78.74 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:244 Resp: 2651494
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.6 8.1 12.1

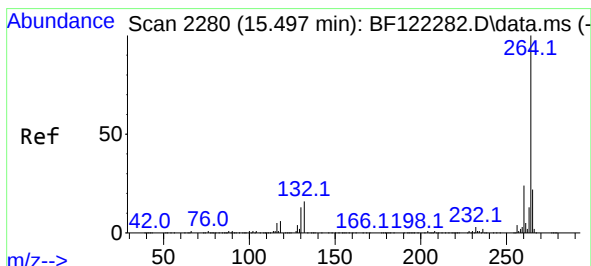
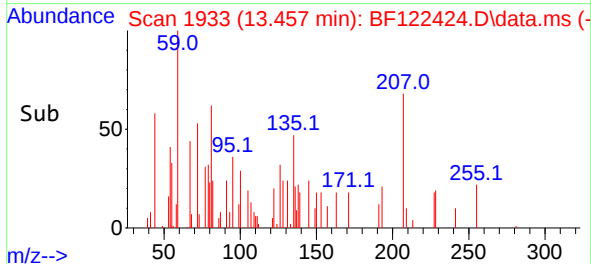
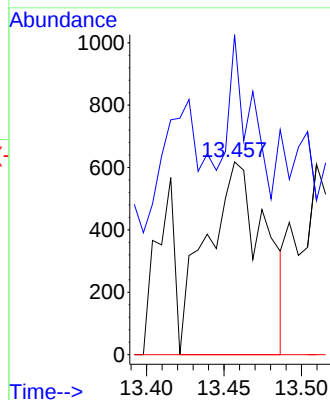
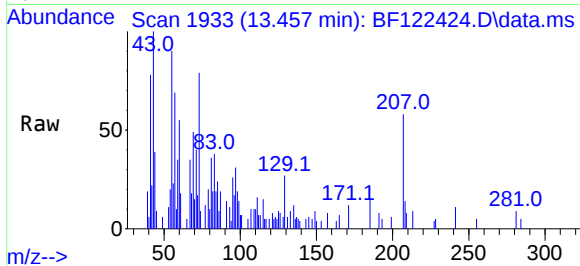




#80
Butylbenzylphthalate
Concen: 3.36 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:	149	Resp:	1612
Ion	Ratio	Lower	Upper
149	100		
91	166.0	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122424.D
Acq: 21 Nov 2020 17:04

Tgt Ion:	264	Resp:	659140
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.4	17.3	25.9

