

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123447.D
 Acq On : 24 Mar 2021 19:26
 Operator : JU/CG
 Sample : M1765-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-07

Quant Time: Mar 25 00:40:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

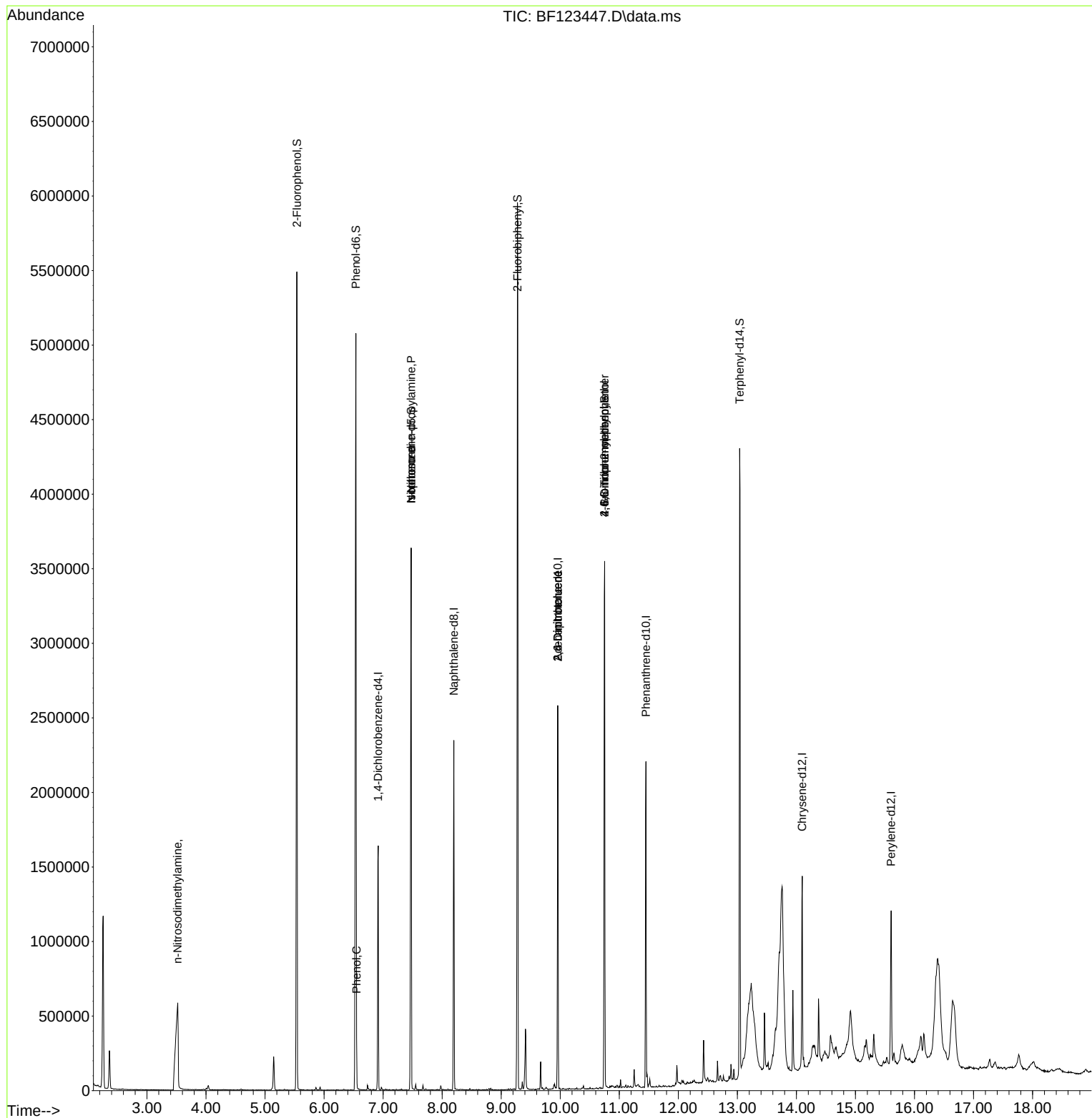
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	240330	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	908660	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	493369	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	766831	20.00	ng	0.00
76) Chrysene-d12	14.098	240	425203	20.00	ng	-0.01
86) Perylene-d12	15.604	264	481497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1297824	88.34	ng	0.01
7) Phenol-d6	6.539	99	1637866	83.75	ng	0.00
23) Nitrobenzene-d5	7.475	82	1120900	66.58	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	433786	78.64	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1924004	55.71	ng	0.00
79) Terphenyl-d14	13.039	244	1494793	59.58	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.516	42	33035	2.97	ng	# 1
9) Benzaldehyde	6.457	77	433	Below Cal		# 50
10) Phenol	6.551	94	67934	3.38	ng	92
19) n-Nitroso-di-n-propyla...	7.475	70	152423	12.05	ng	# 77
25) Isophorone	7.475	82	1107785	30.60	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	64338	8.79	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	64338	7.04	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	610	5.26	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	25510	2.81	ng	# 1

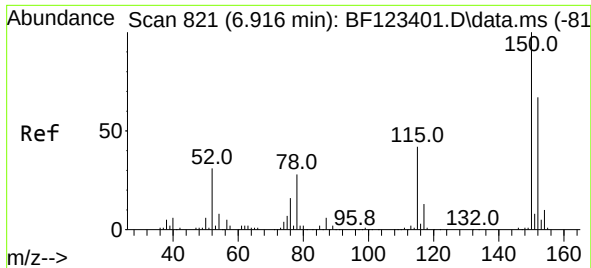
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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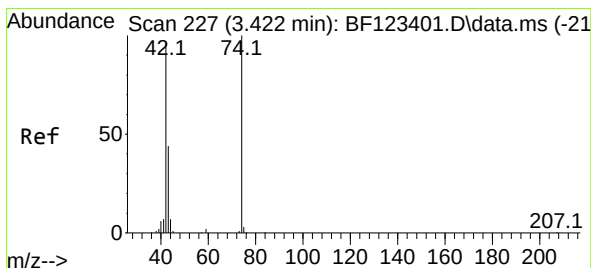
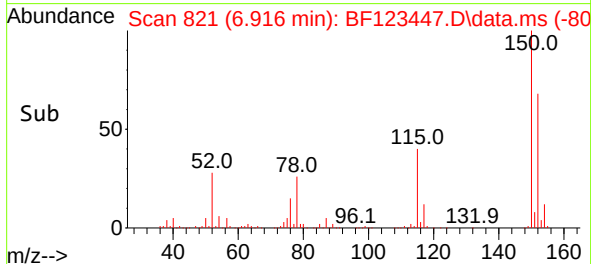
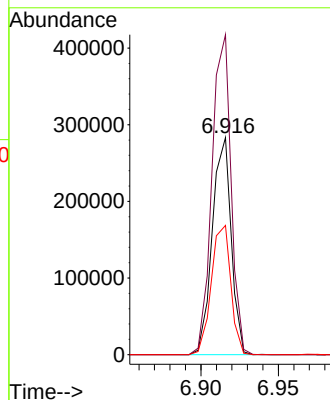
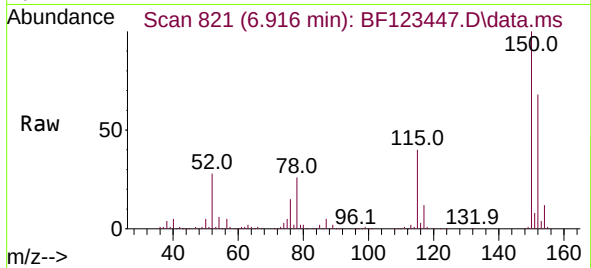




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

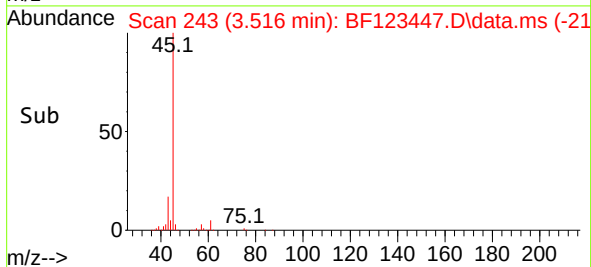
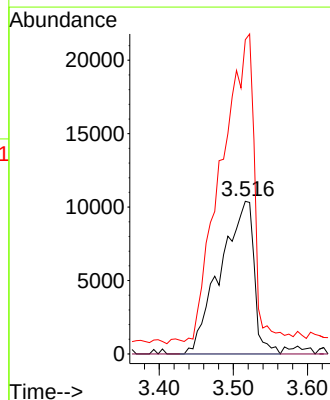
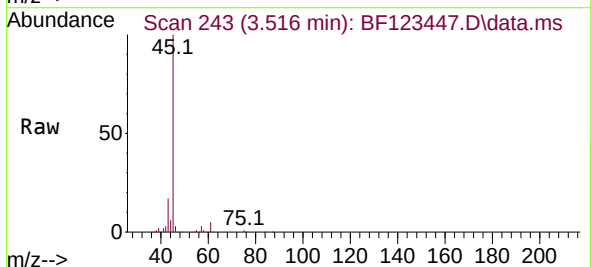
Instrument :
BNA_F
ClientSampleId :
RBR-07

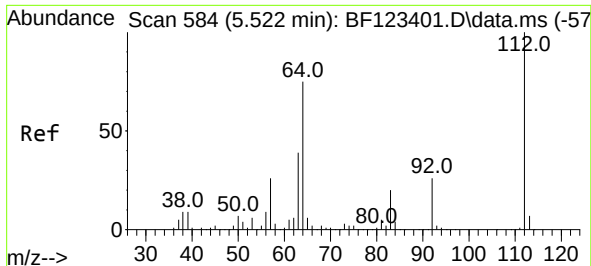
Tgt Ion:152 Resp: 240330
Ion Ratio Lower Upper
152 100
150 147.4 125.8 188.6
115 59.6 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 2.97 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.076 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion: 42 Resp: 33035
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 205.8 5.4 8.0#

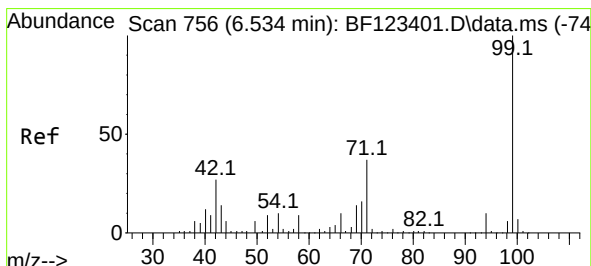
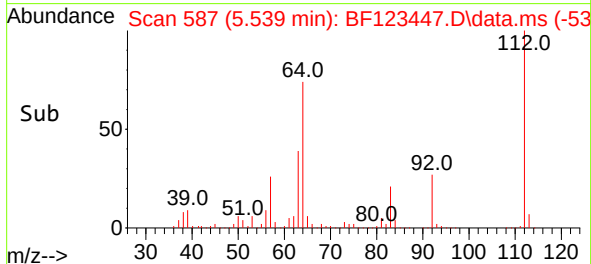
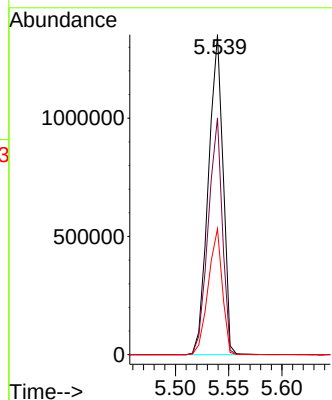
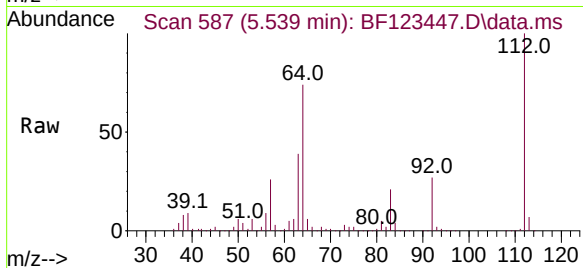




#5
2-Fluorophenol
Concen: 88.34 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

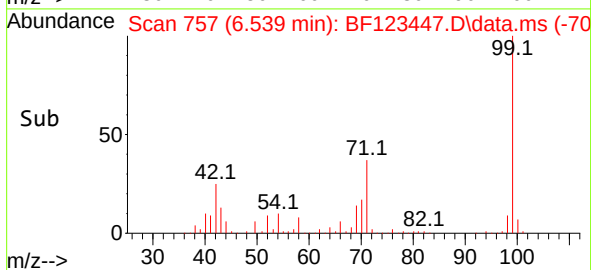
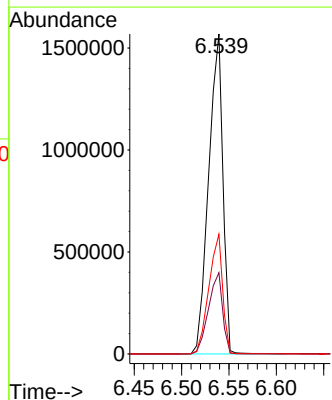
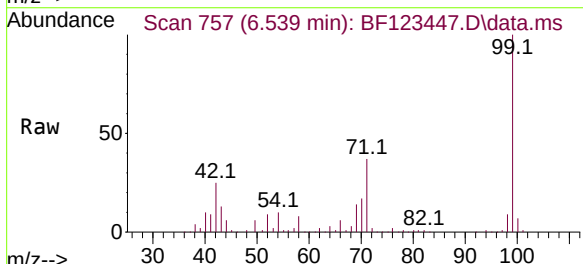
Instrument :
BNA_F
ClientSampleId :
RBR-07

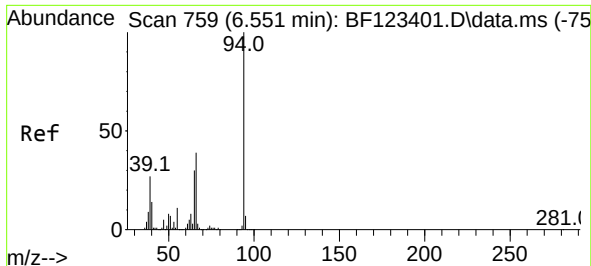
Tgt Ion:112 Resp: 1297824
Ion Ratio Lower Upper
112 100
64 74.0 46.9 70.3#
63 39.3 24.5 36.7#



#7
Phenol-d6
Concen: 83.75 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion: 99 Resp: 1637866
Ion Ratio Lower Upper
99 100
42 25.4 13.8 20.6#
71 37.4 26.9 40.3

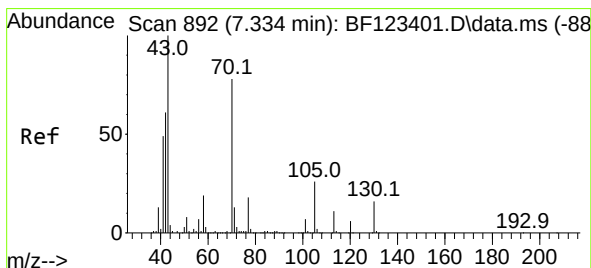
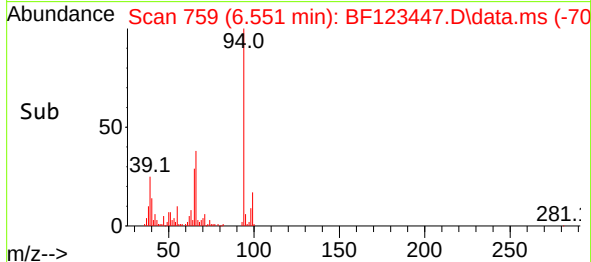
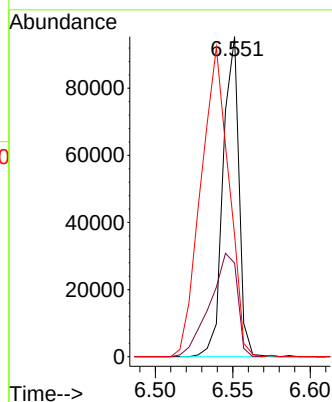
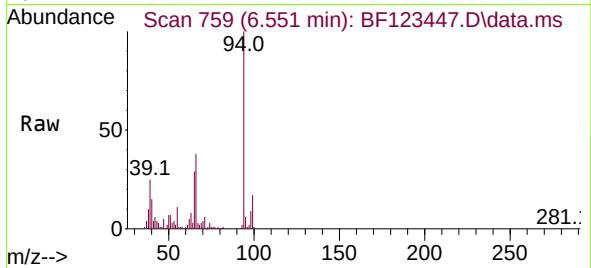




#10
Phenol
Concen: 3.38 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

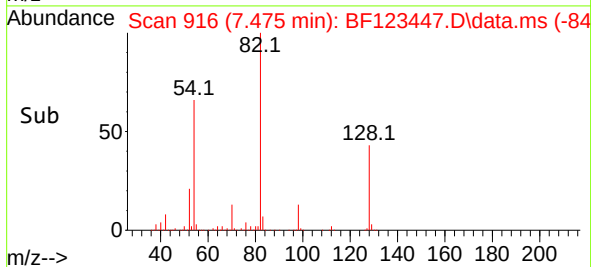
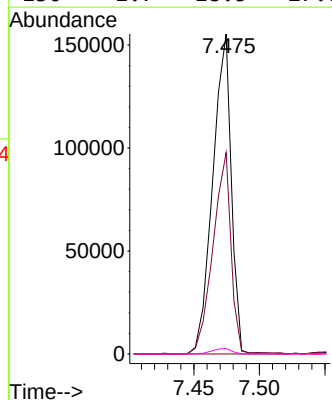
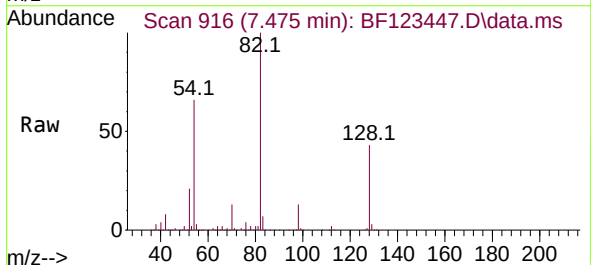
Instrument :
BNA_F
ClientSampleId :
RBR-07

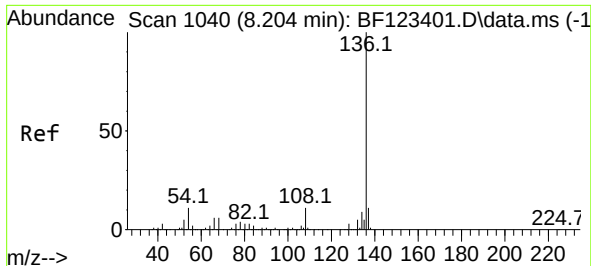
Tgt Ion: 94 Resp: 67934
Ion Ratio Lower Upper
94 100
65 29.3 11.2 51.2
66 38.1 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.05 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion: 70 Resp: 152423
Ion Ratio Lower Upper
70 100
42 62.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#

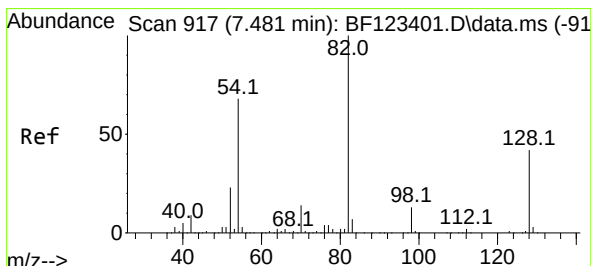
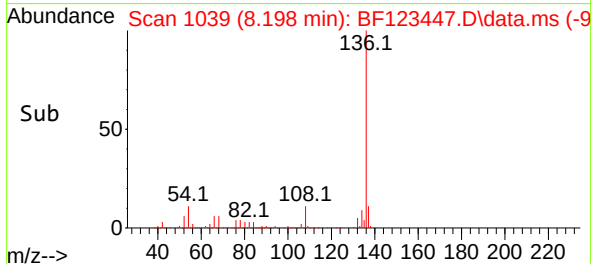
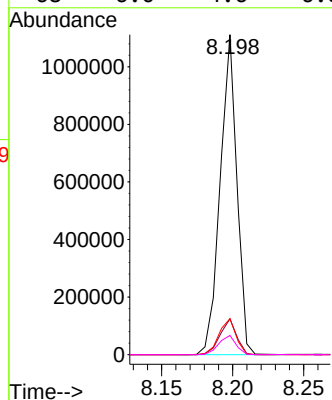
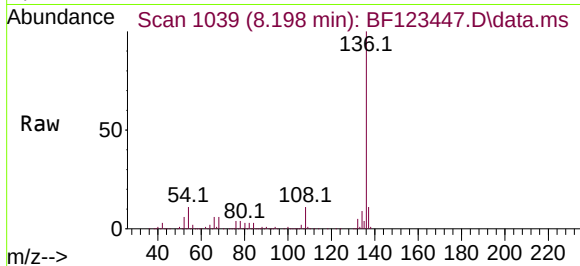




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

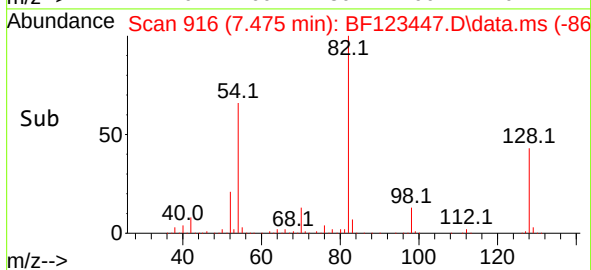
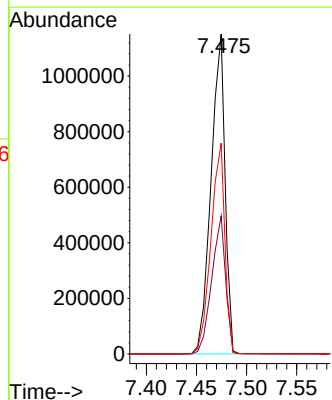
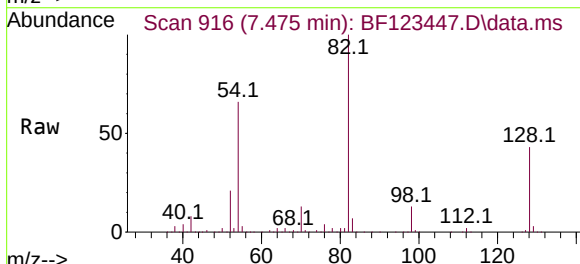
Instrument :
BNA_F
ClientSampleId :
RBR-07

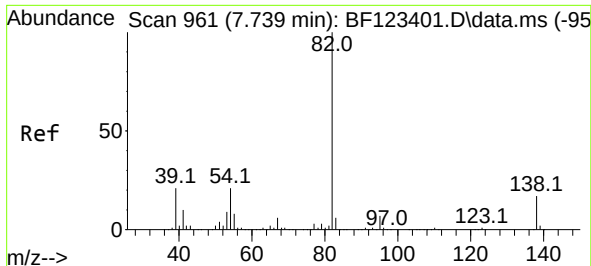
Tgt Ion:136	Resp: 908660
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 11.2	5.5 8.3#
68 6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.58 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion: 82	Resp: 1120900
Ion Ratio	Lower Upper
82 100	
128 43.1	37.0 55.4
54 65.9	38.4 57.6#

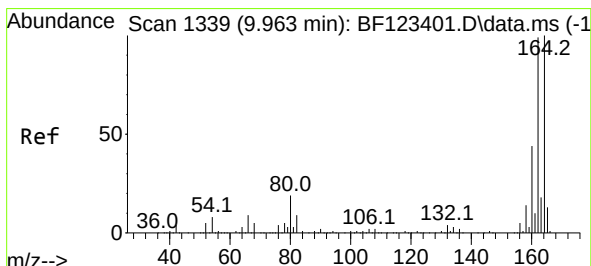
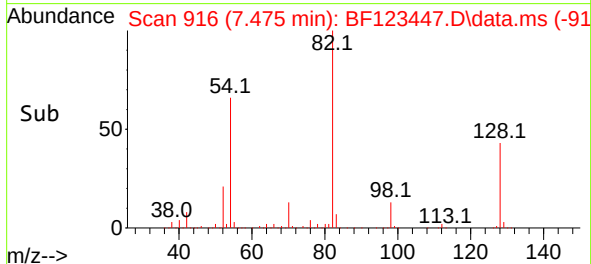
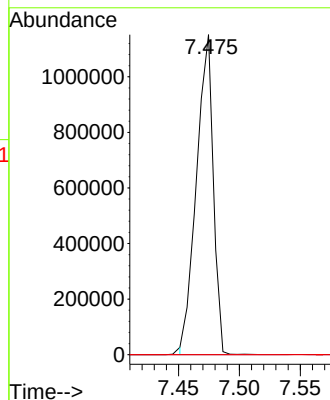
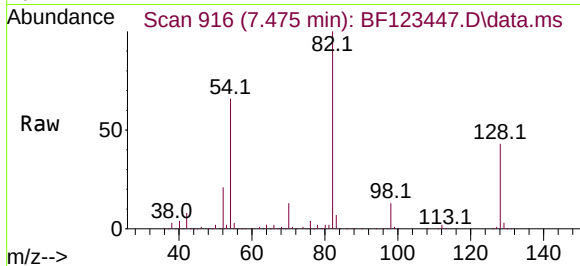




#25
Isophorone
Concen: 30.60 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

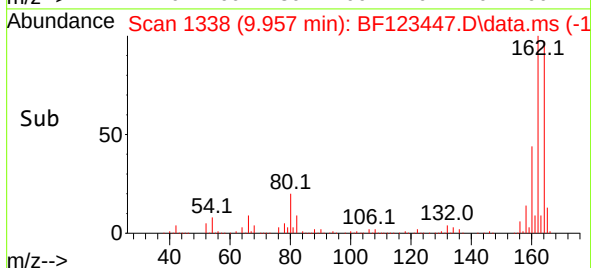
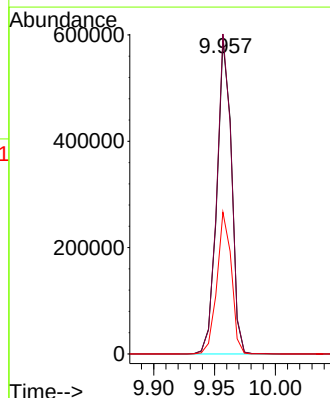
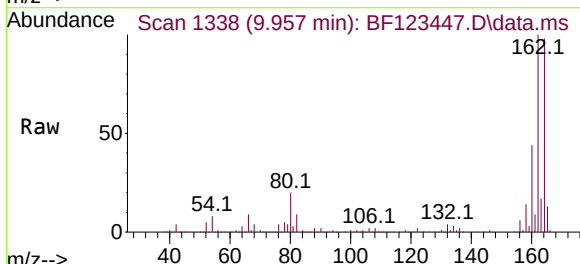
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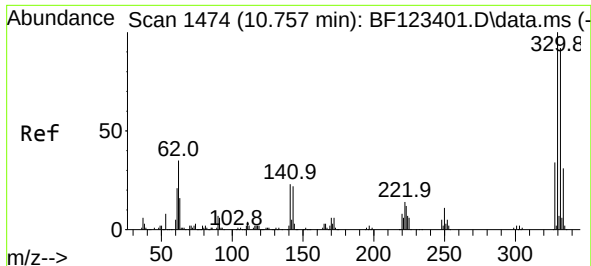
Tgt Ion: 82 Resp: 1107785
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion:164 Resp: 493369
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 45.3 35.4 53.0

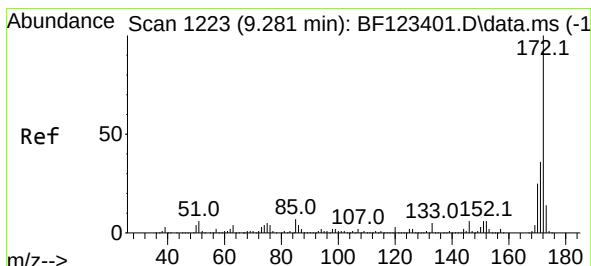
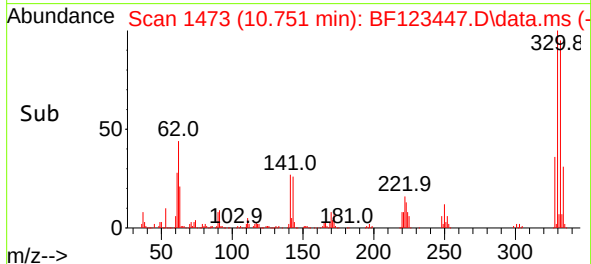
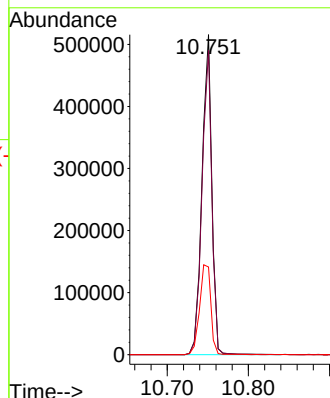
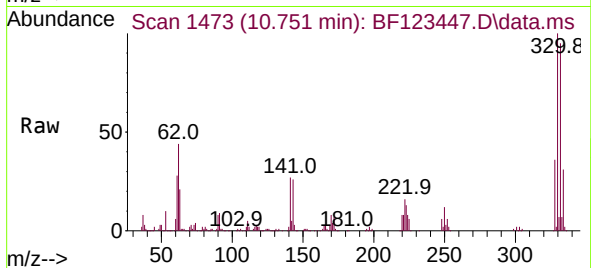




#42
2,4,6-Tribromophenol
Concen: 78.64 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

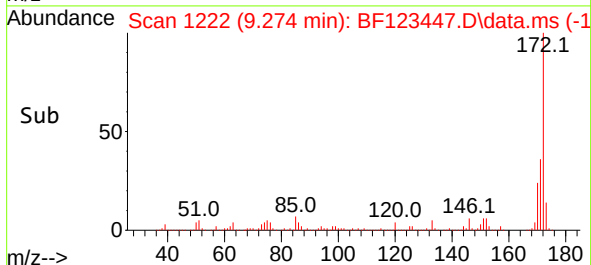
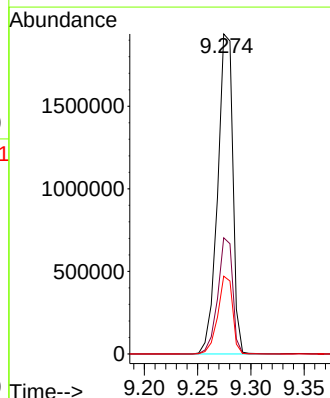
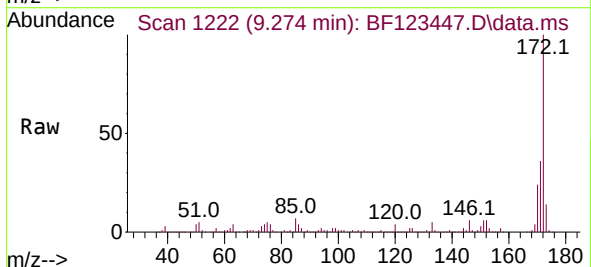
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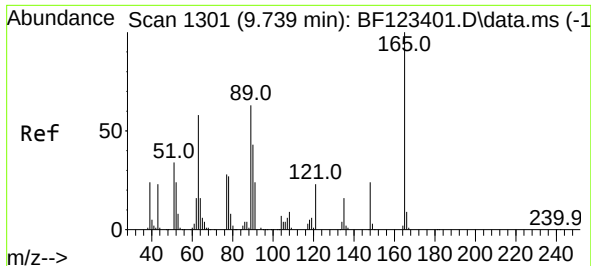
Tgt Ion: 330 Resp: 433786
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 32.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.71 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion: 172 Resp: 1924004
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3

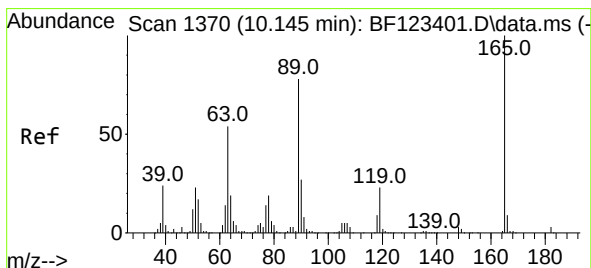
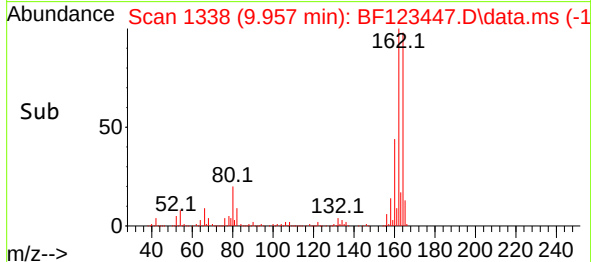
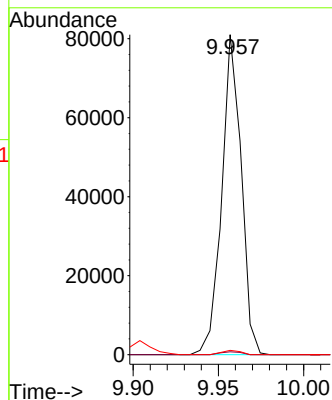
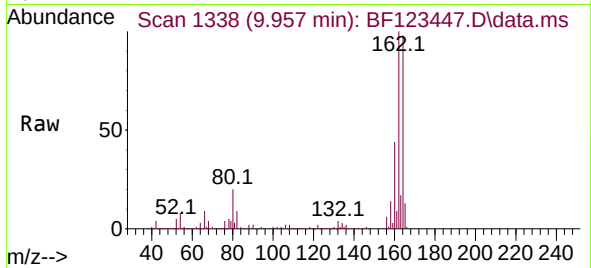




#51
2,6-Dinitrotoluene
Concen: 8.79 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

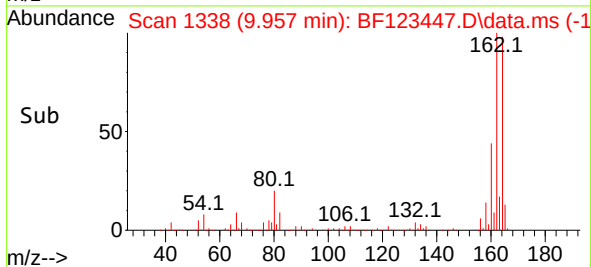
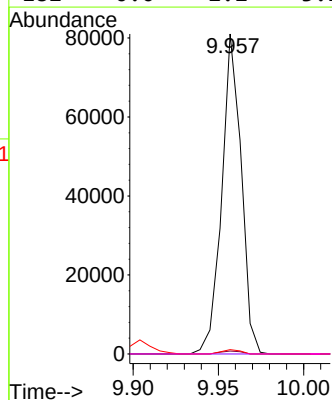
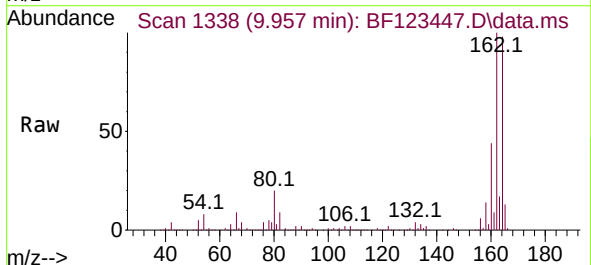
Instrument :
BNA_F
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RBR-07

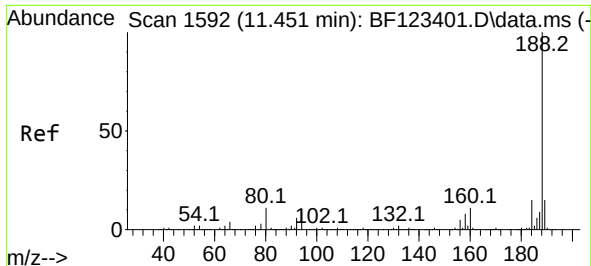
Tgt Ion:165 Resp: 64338
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion:165 Resp: 64338
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

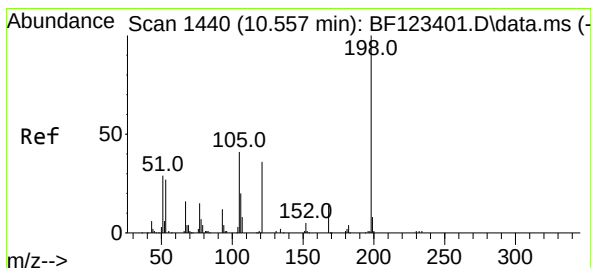
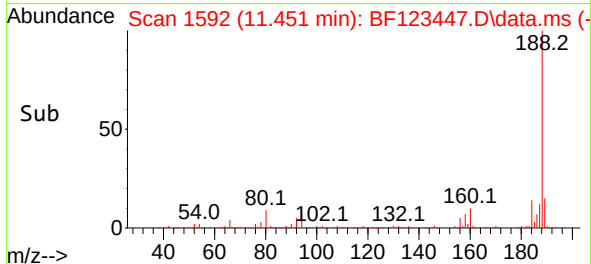
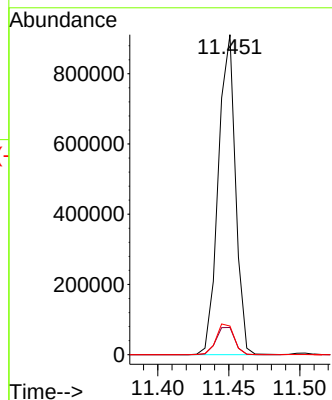
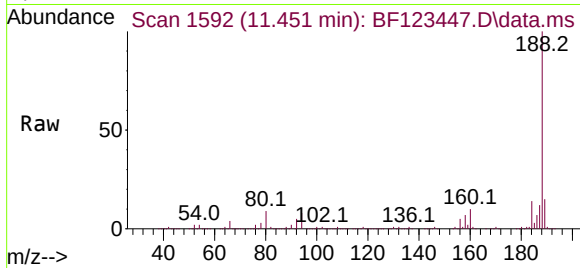




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

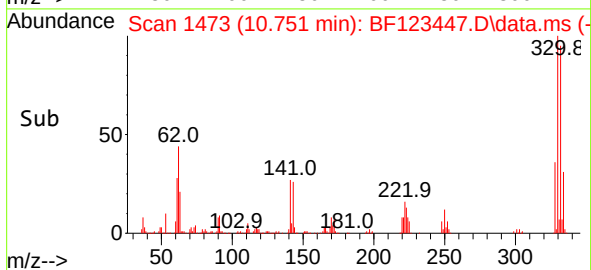
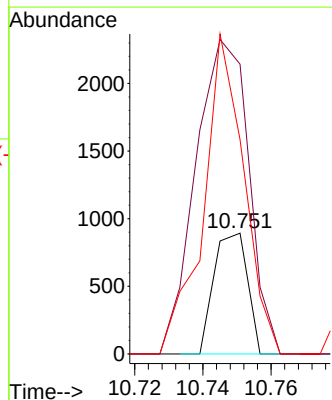
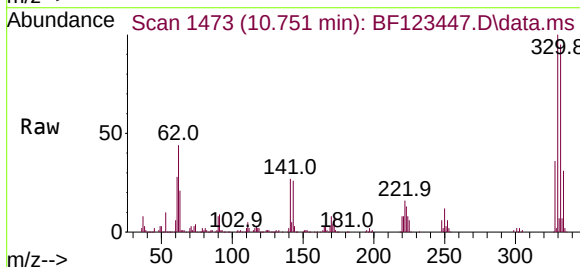
Instrument :
BNA_F
ClientSampleId :
RBR-07

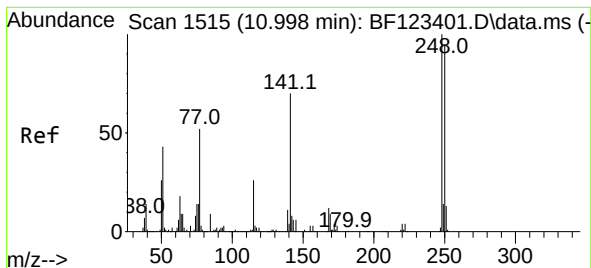
Tgt Ion:188 Resp: 766831
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion:198 Resp: 610
Ion Ratio Lower Upper
198 100
51 239.9 20.3 60.3#
105 177.5 23.0 63.0#

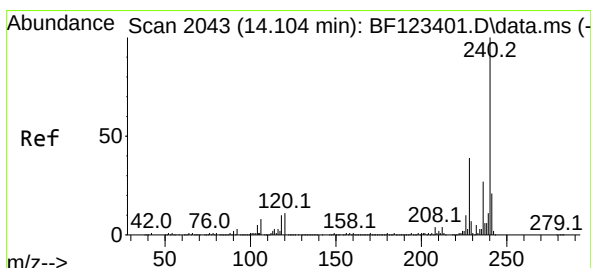
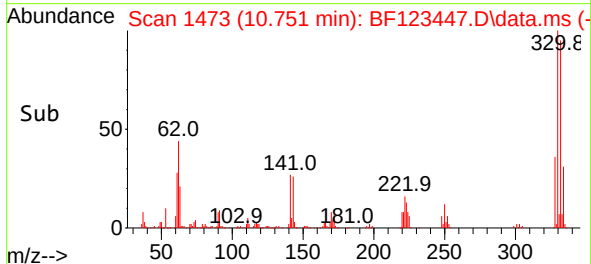
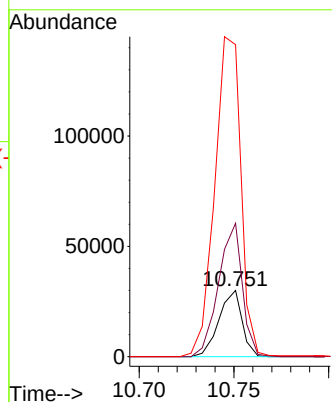
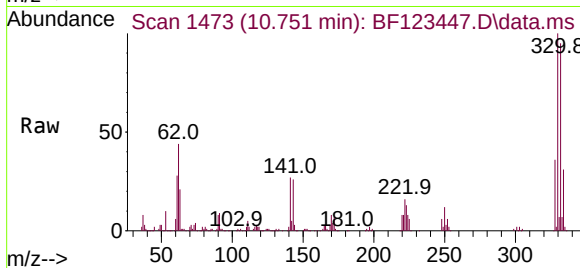




#67
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

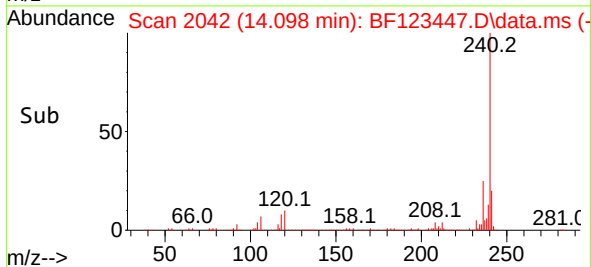
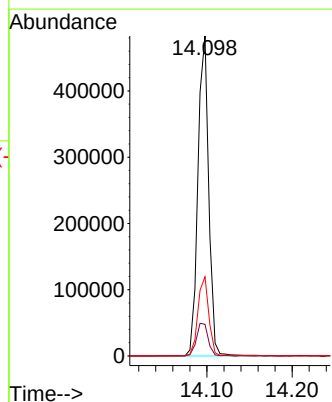
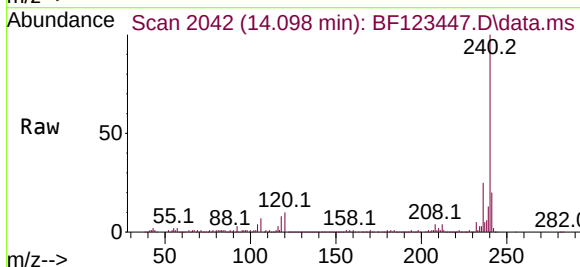
Instrument :
BNA_F
ClientSampled :
RBR-07

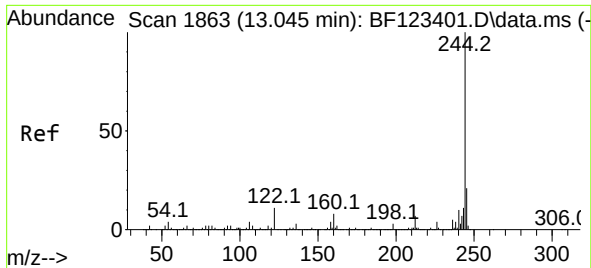
Tgt Ion:248 Resp: 25510
Ion Ratio Lower Upper
248 100
250 201.4 76.8 115.2#
141 471.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion:240 Resp: 425203
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 24.7 20.3 30.5

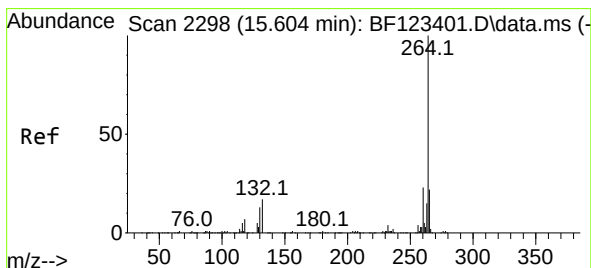
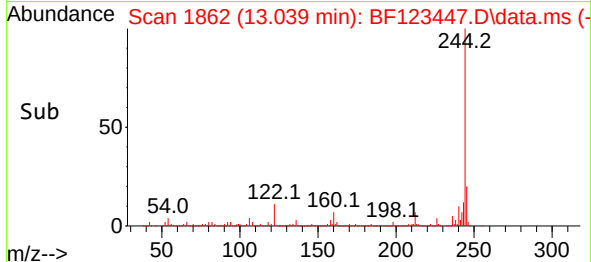
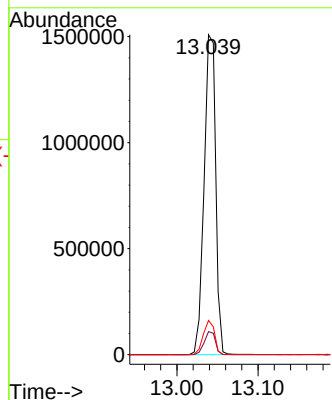
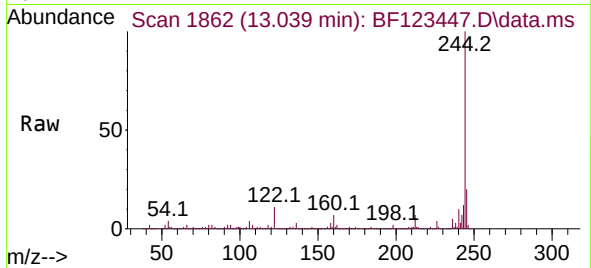




#79
Terphenyl-d14
Concen: 59.58 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Instrument :
BNA_F
ClientSampleId :
RBR-07

Tgt Ion:244 Resp: 1494793
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123447.D
Acq: 24 Mar 2021 19:26

Tgt Ion:264 Resp: 481497
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.2 17.0 25.6

