

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123002.D
 Acq On : 18 Jan 2021 23:10
 Operator : JU/CG
 Sample : M1090-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BORE-3-1FT-7FT

Quant Time: Jan 18 23:52:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

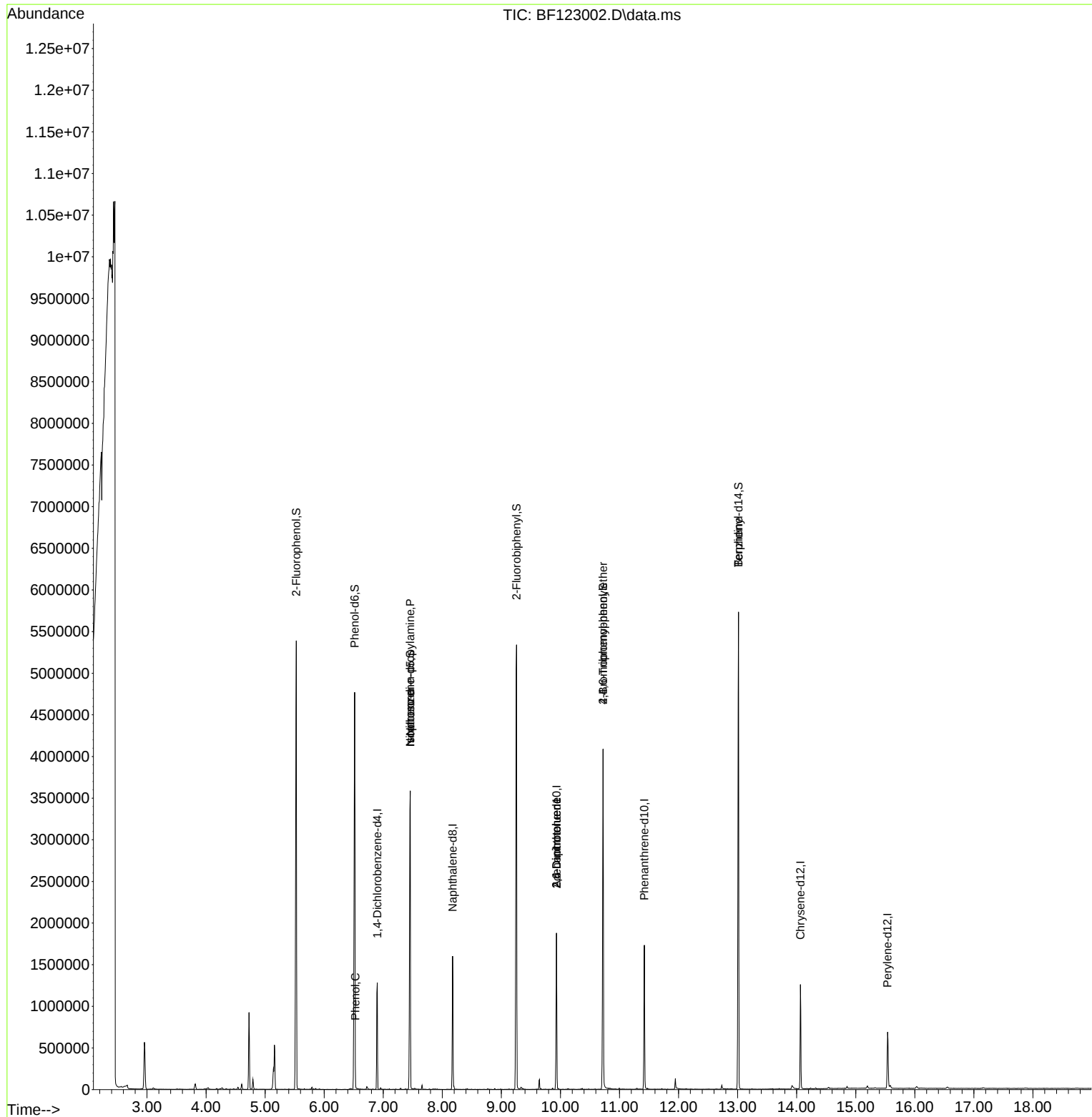
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	170266	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	680644	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	355031	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	567607	20.00	ng	# 0.00
76) Chrysene-d12	14.062	240	383208	20.00	ng	#-0.01
86) Perylene-d12	15.539	264	292322	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1419790	126.05	ng	0.02
7) Phenol-d6	6.516	99	1688622	111.54	ng	0.00
23) Nitrobenzene-d5	7.457	82	1221292	92.33	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	481111	119.83	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1800252	71.00	ng	0.00
79) Terphenyl-d14	13.015	244	1692142	80.96	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	272	Below Cal	#	31
10) Phenol	6.528	94	30482	2.00	ng	92
19) n-Nitroso-di-n-propyla...	7.457	70	169901	18.95	ng	# 83
25) Isophorone	7.457	82	1221267	51.75	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	44956	7.46	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	44956	5.80	ng	# 26
67) 4-Bromophenyl-phenylether	10.721	248	29118	4.20	ng	# 1
77) Benzidine	13.015	184	24217	2.39	ng	96

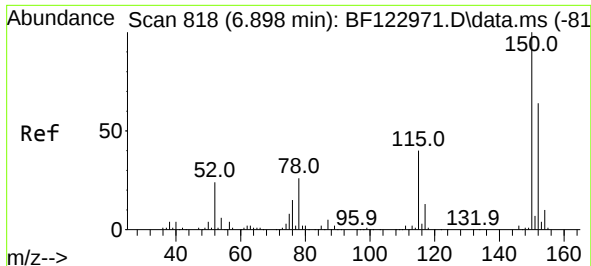
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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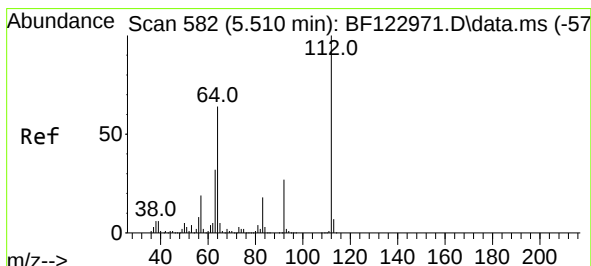
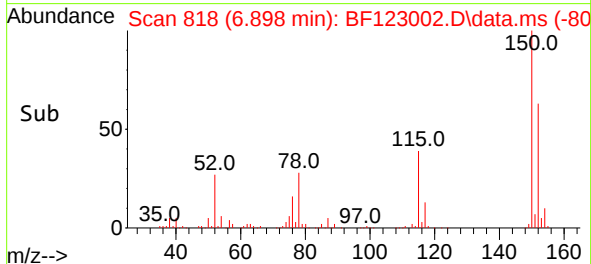
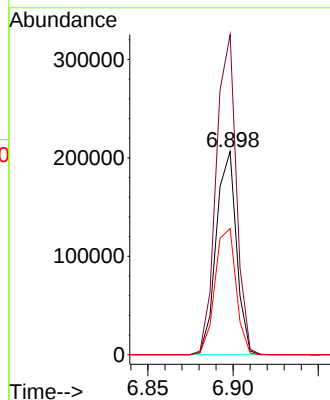
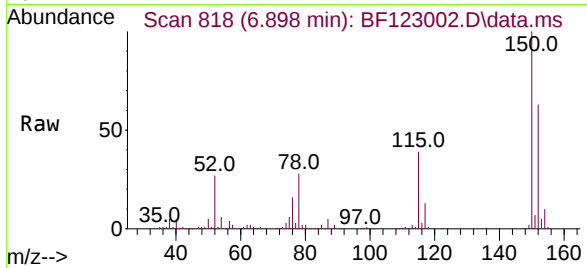




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

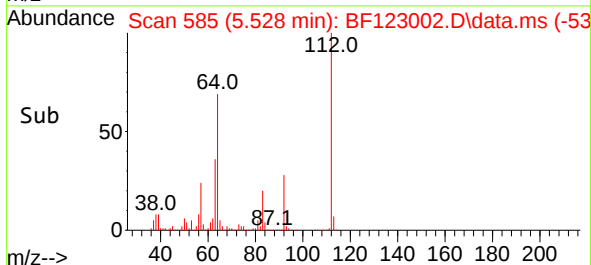
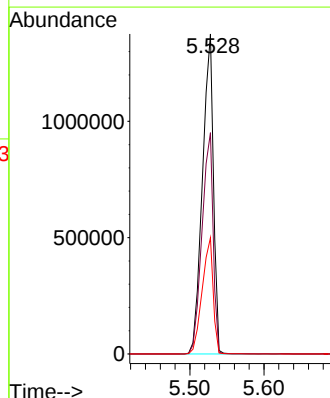
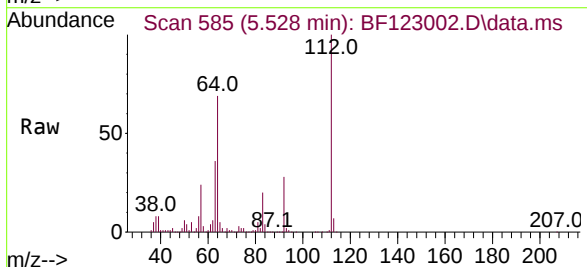
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BNA_F
ClientSampleId :
BORE-3-1FT-7FT

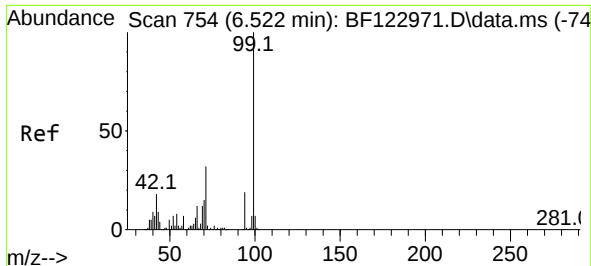
Tgt Ion:152 Resp: 170266
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 62.1 49.3 73.9



#5
2-Fluorophenol
Concen: 126.05 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:112 Resp: 1419790
Ion Ratio Lower Upper
112 100
64 69.2 46.9 70.3
63 36.3 24.5 36.7

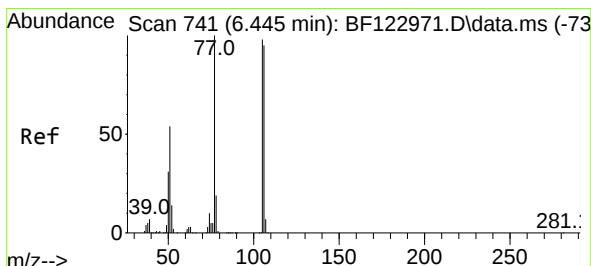
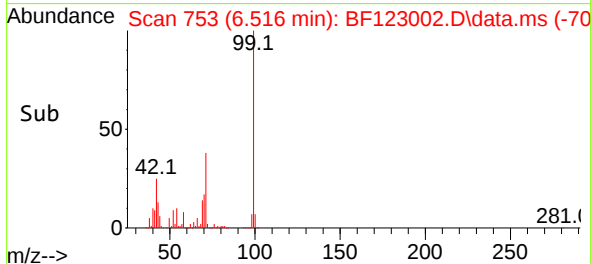
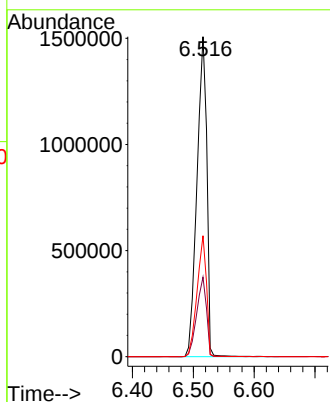
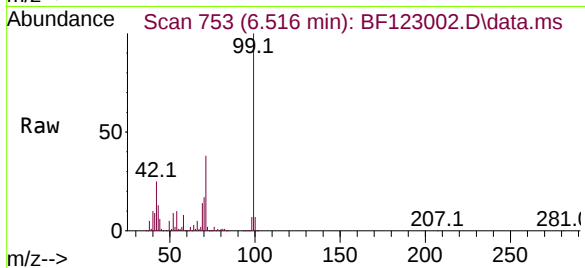




#7
Phenol-d6
Concen: 111.54 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

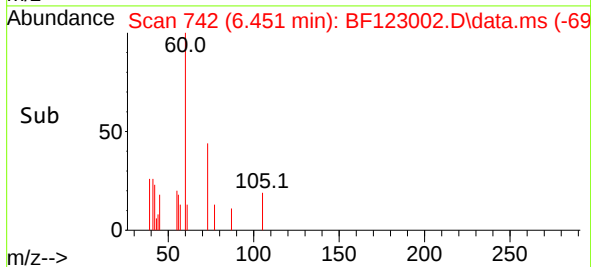
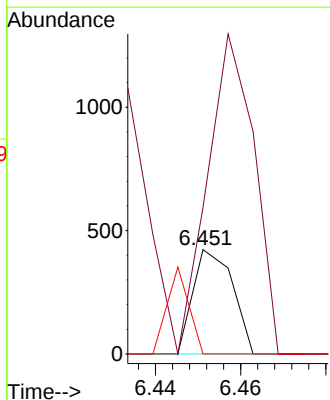
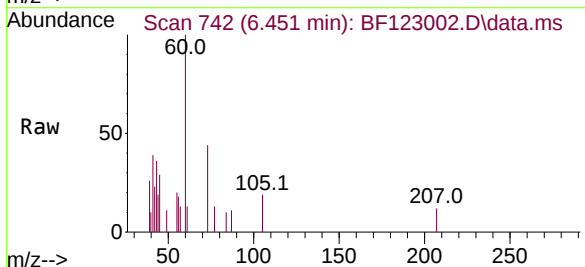
Instrument :
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ClientSampleId :
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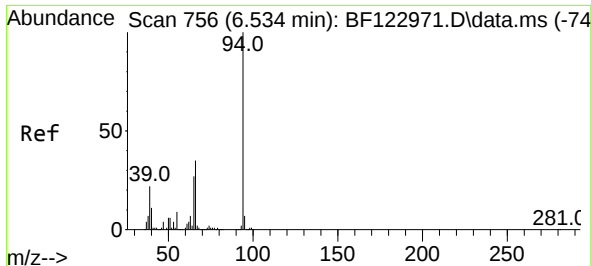
Tgt Ion: 99 Resp: 1688622
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 37.8 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion: 77 Resp: 272
Ion Ratio Lower Upper
77 100
105 140.4 80.6 120.6#
106 0.0 77.2 117.2#

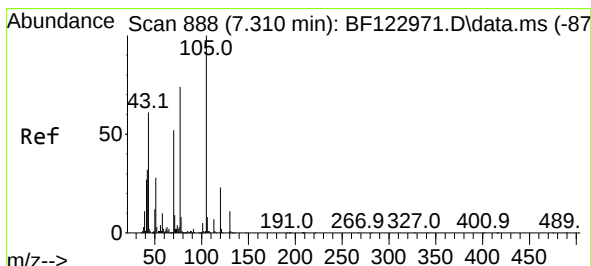
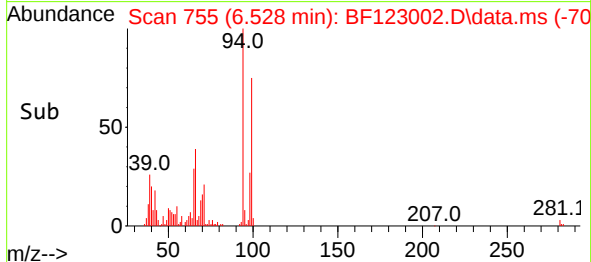
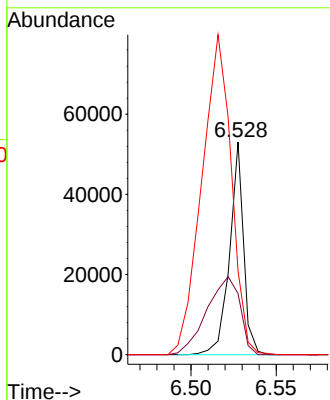
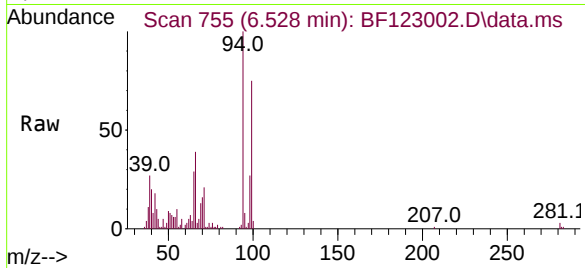




#10
Phenol
Concen: 2.00 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

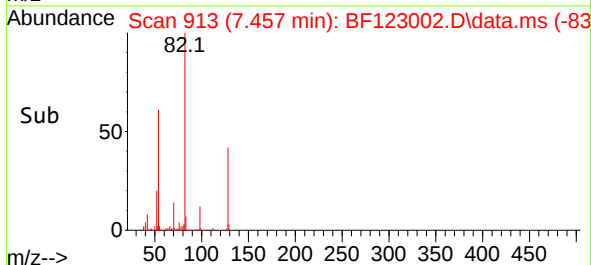
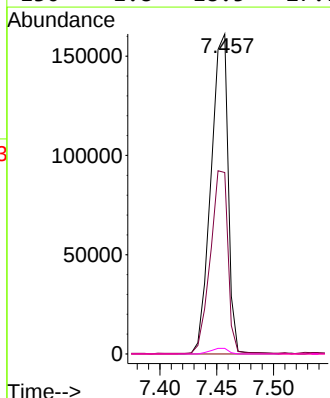
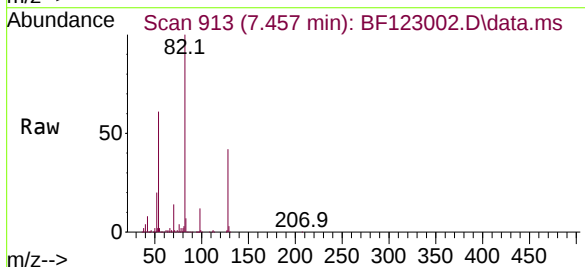
Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

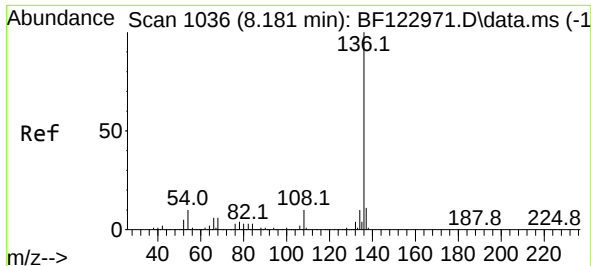
Tgt Ion: 94 Resp: 30482
Ion Ratio Lower Upper
94 100
65 28.7 11.2 51.2
66 39.4 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

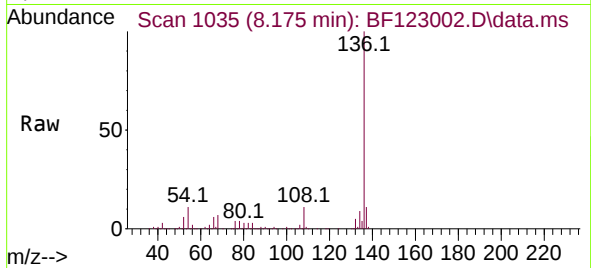
Tgt Ion: 70 Resp: 169901
Ion Ratio Lower Upper
70 100
42 56.7 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



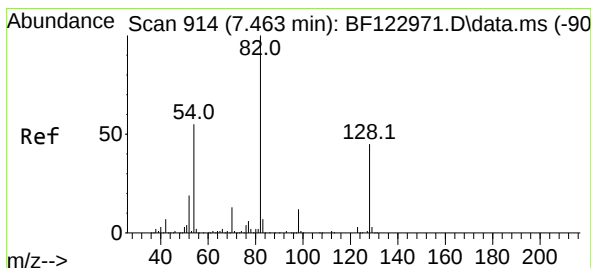
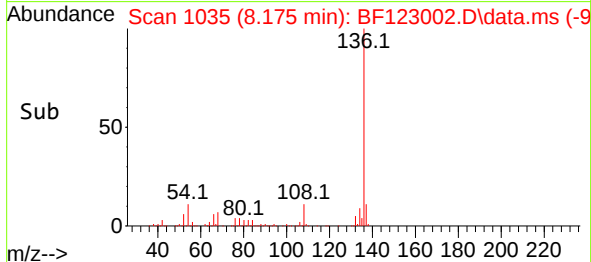
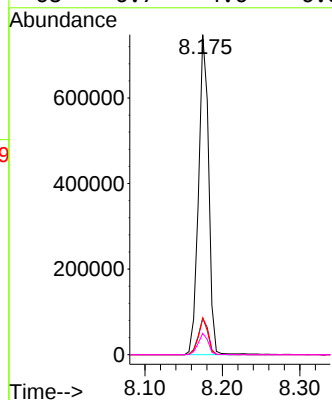


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

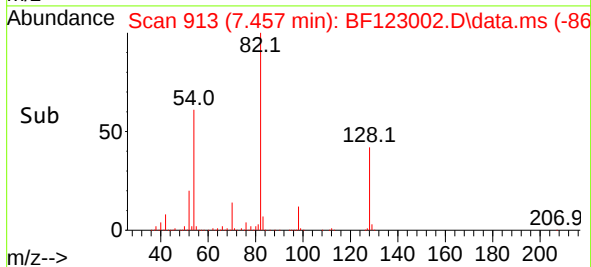
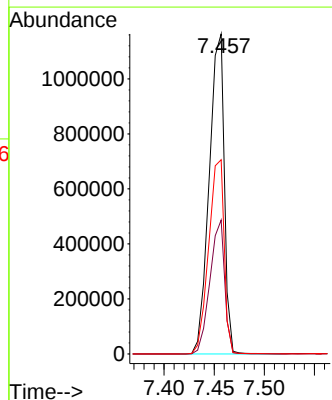
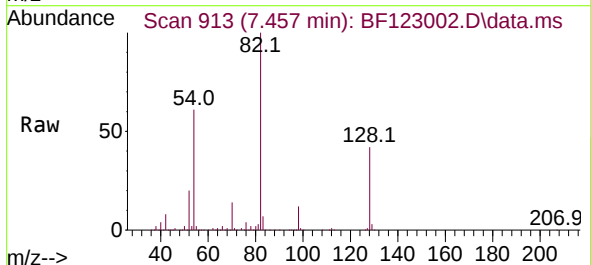


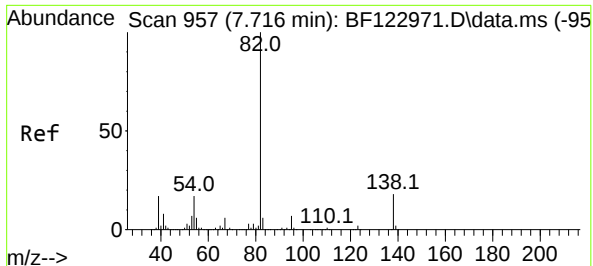
Tgt Ion:136 Resp: 680644
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.5 5.5 8.3#
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.33 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion: 82 Resp: 1221292
Ion Ratio Lower Upper
82 100
128 41.8 37.0 55.4
54 60.7 38.4 57.6#

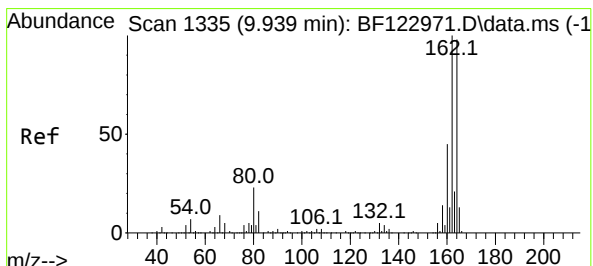
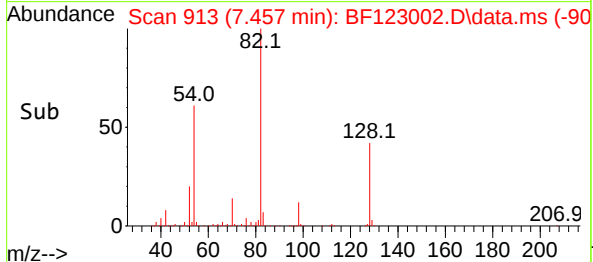
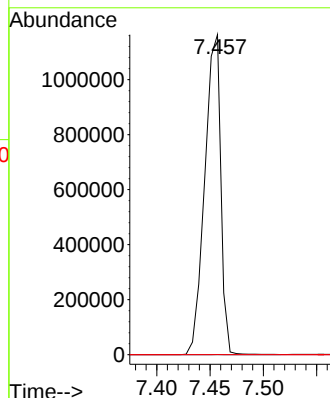
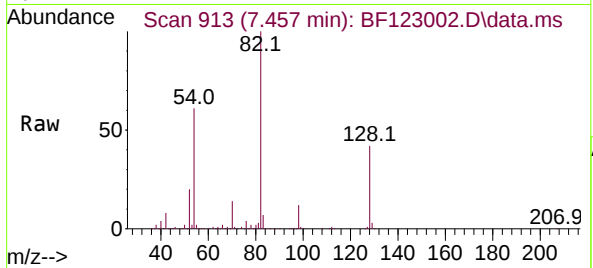




#25
Isophorone
Concen: 51.75 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

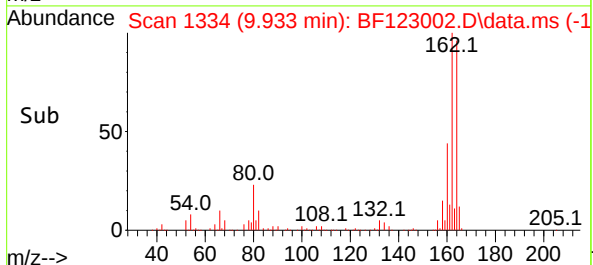
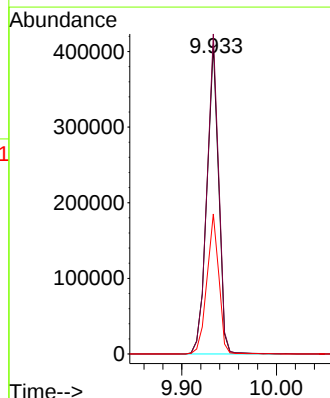
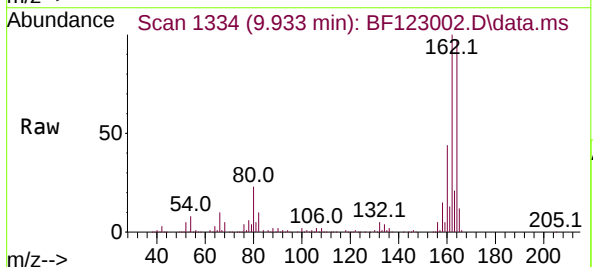
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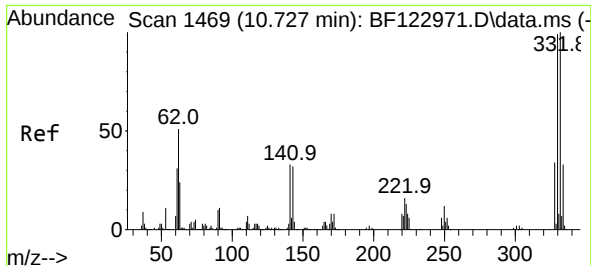
Tgt Ion: 82 Resp: 1221267
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

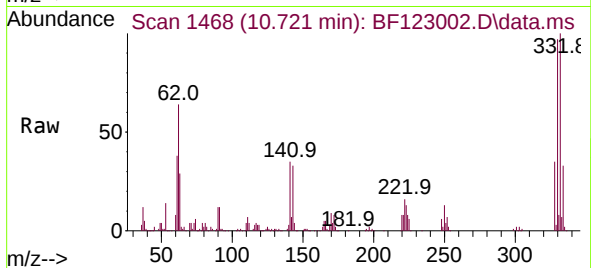
Tgt Ion: 164 Resp: 355031
Ion Ratio Lower Upper
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162 103.4 80.8 121.2
160 45.3 35.4 53.0



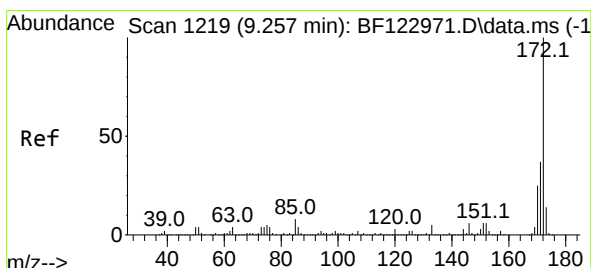
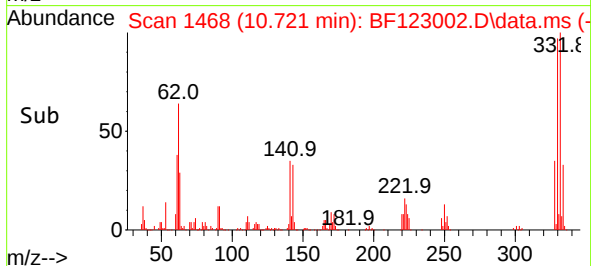
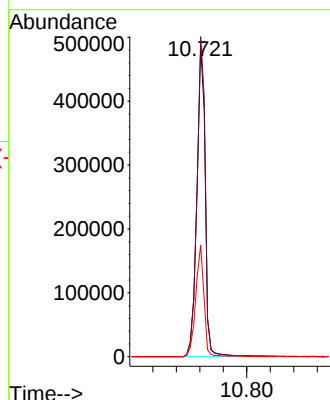


#42
2,4,6-Tribromophenol
Concen: 119.83 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

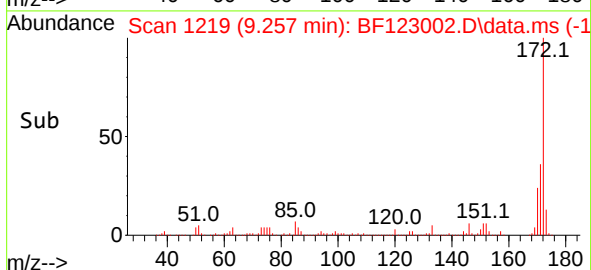
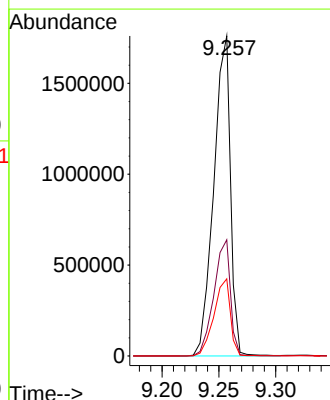
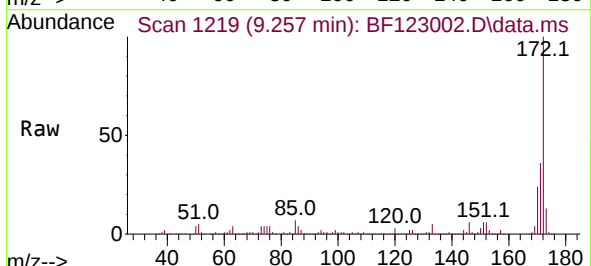


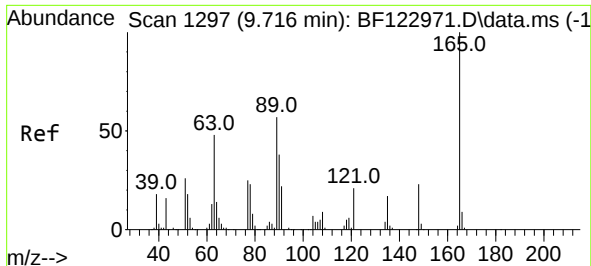
Tgt Ion:330 Resp: 481111
Ion Ratio Lower Upper
330 100
332 102.4 77.5 116.3
141 35.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.00 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:172 Resp: 1800252
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.5 29.3

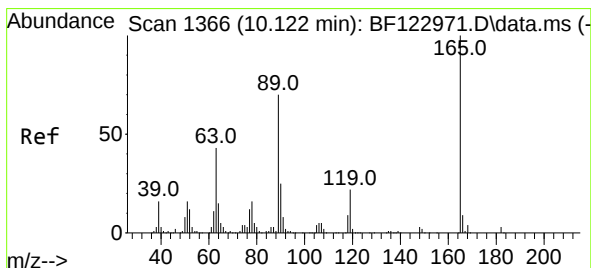
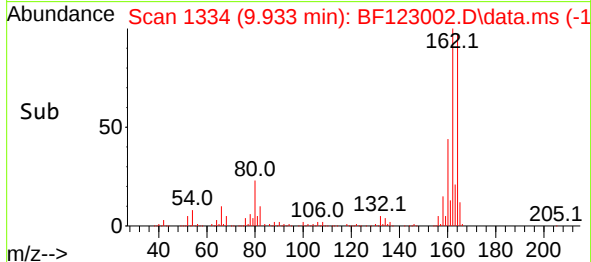
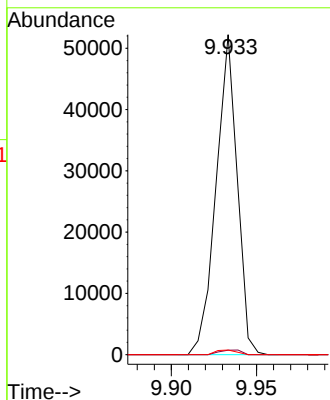
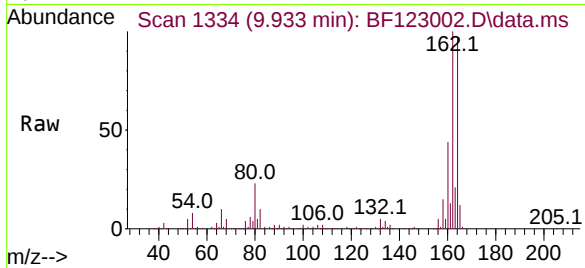




#51
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

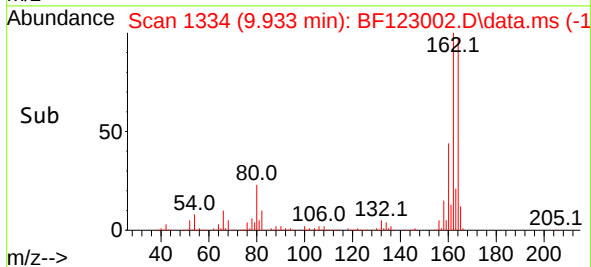
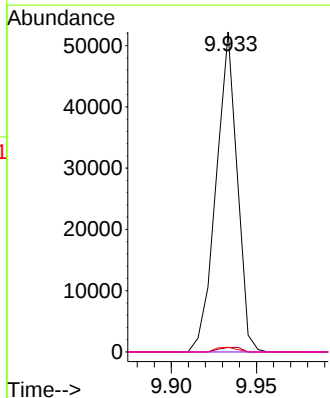
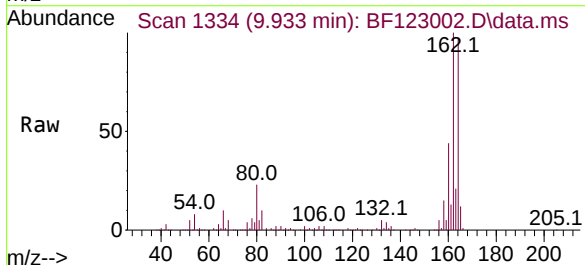
Instrument :
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ClientSampleId :
BORE-3-1FT-7FT

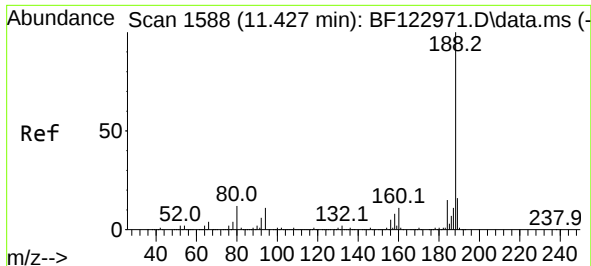
Tgt Ion:165 Resp: 44956
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:165 Resp: 44956
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

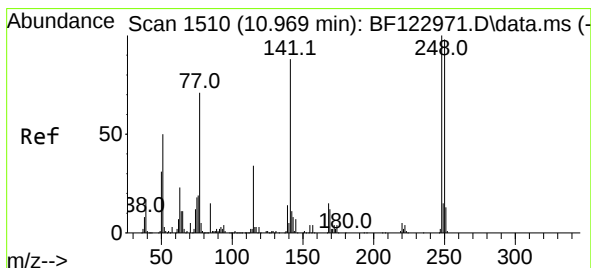
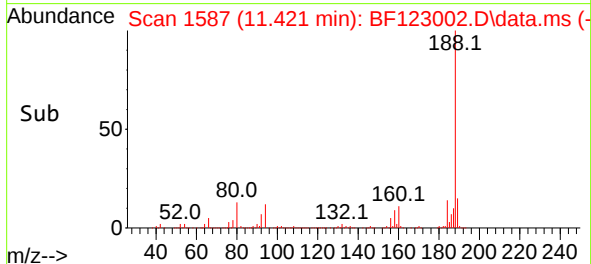
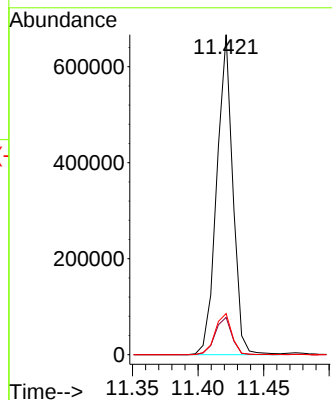
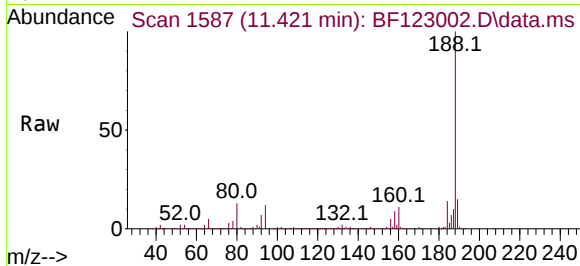




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

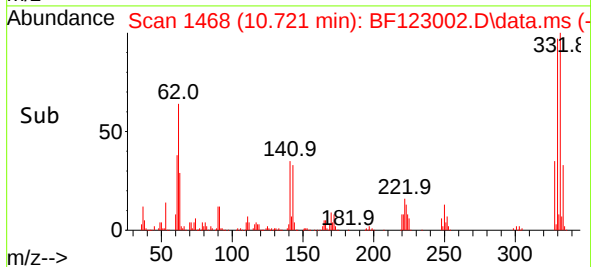
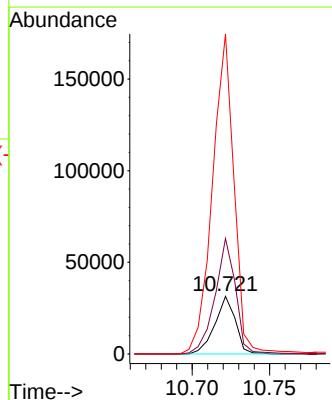
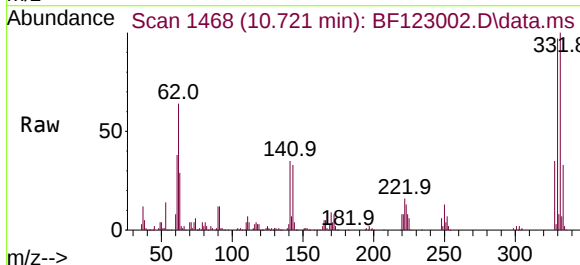
Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

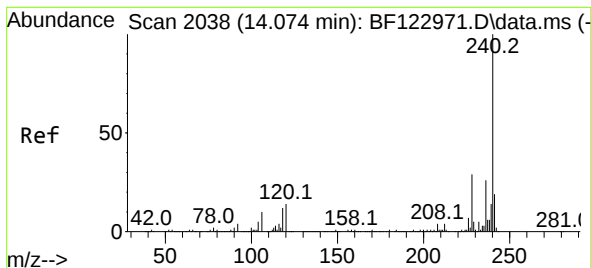
Tgt Ion:188 Resp: 567607
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.9 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:248 Resp: 29118
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 555.2 59.8 89.8#

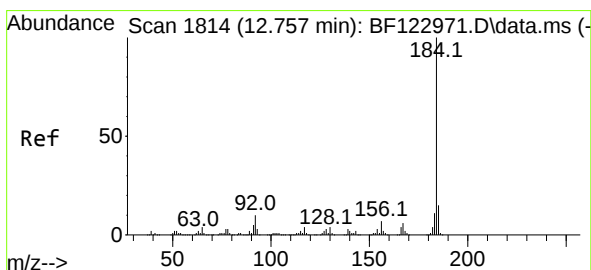
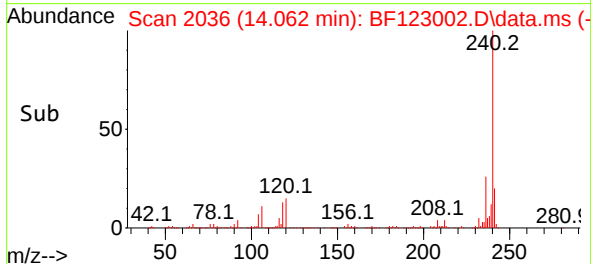
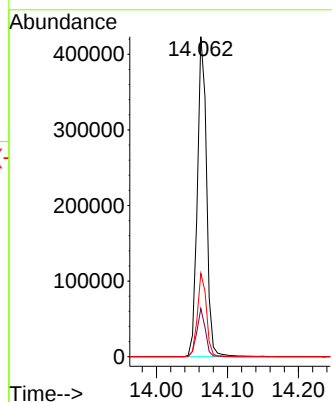
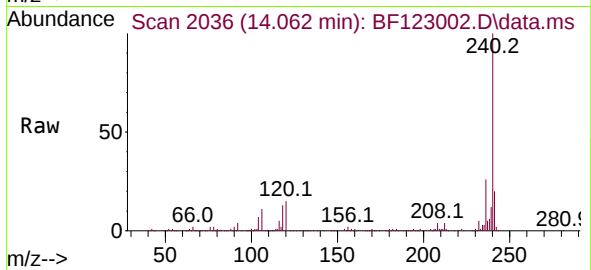




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

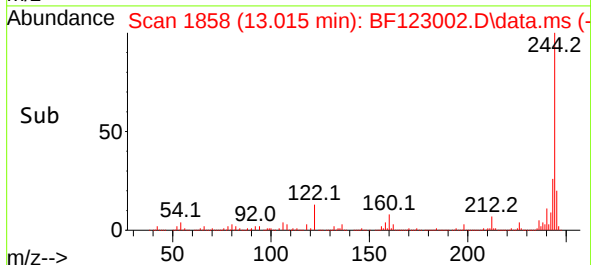
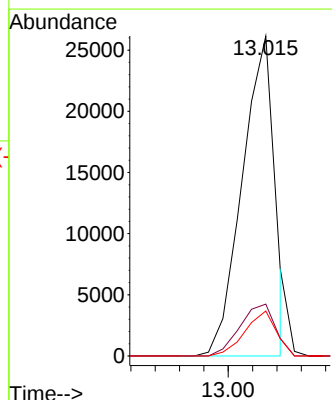
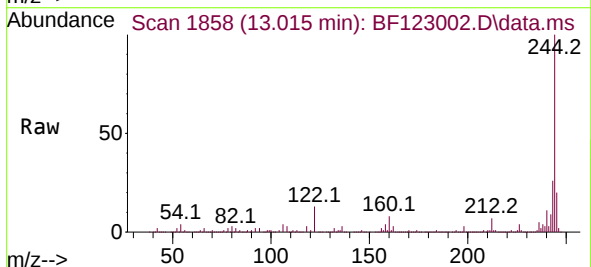
Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

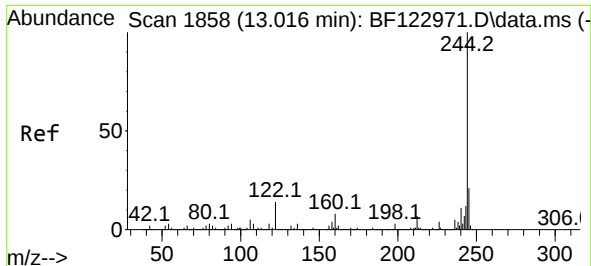
Tgt Ion:240 Resp: 383208
Ion Ratio Lower Upper
240 100
120 15.1 8.6 12.8#
236 26.0 20.3 30.5



#77
Benzidine
Concen: 2.39 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:184 Resp: 24217
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 14.0 9.7 14.5

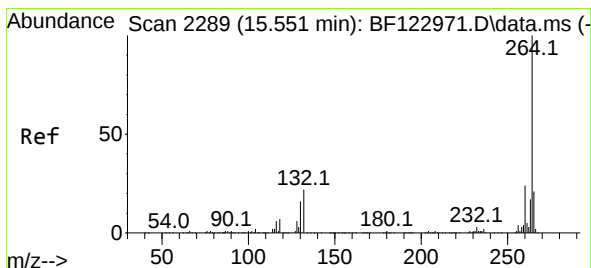
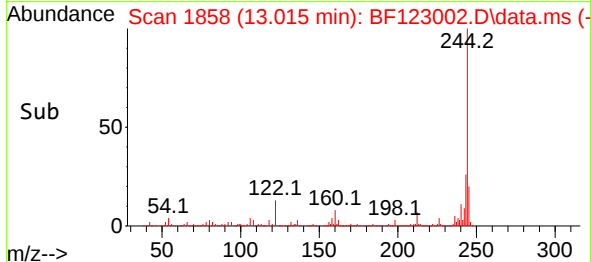
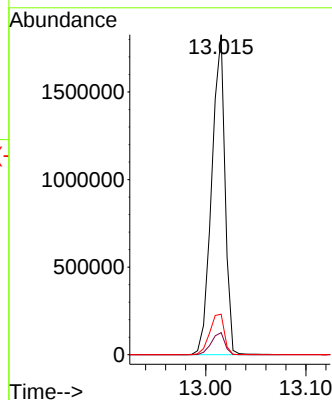
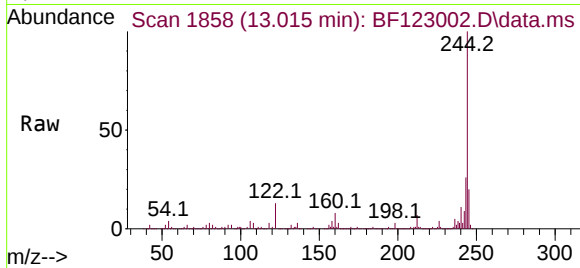




#79
Terphenyl-d14
Concen: 80.96 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.001 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Instrument :
BNA_F
ClientSampleId :
BORE-3-1FT-7FT

Tgt Ion:244 Resp: 1692142
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.6 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF123002.D
Acq: 18 Jan 2021 23:10

Tgt Ion:264 Resp: 292322
Ion Ratio Lower Upper
264 100
260 25.2 18.6 28.0
265 21.7 17.0 25.6

