

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123061.D
 Acq On : 28 Jan 2021 16:02
 Operator : JU/CG
 Sample : M1236-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS1419LN

Quant Time: Jan 28 16:30:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

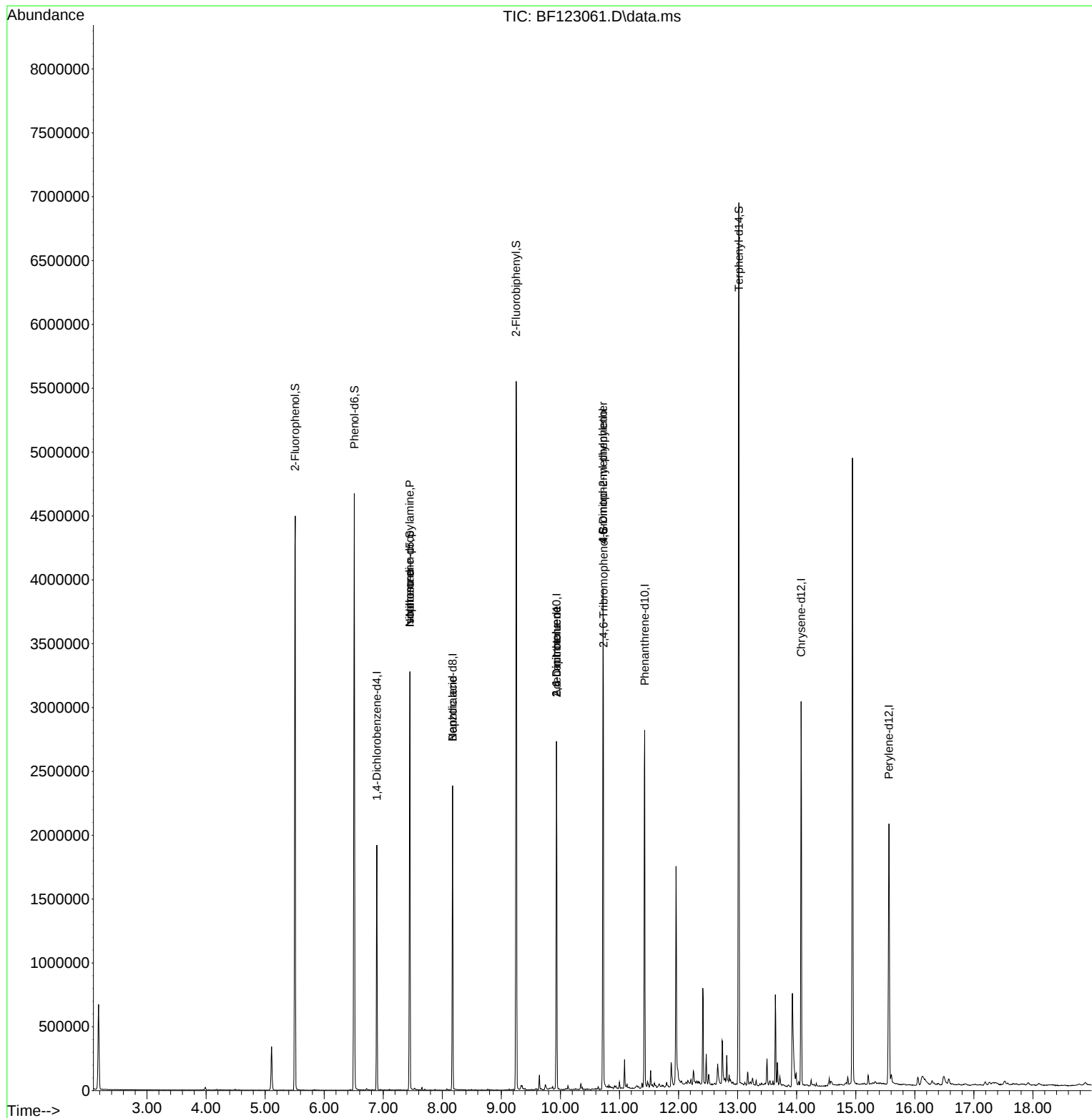
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	258347	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	999242	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	543874	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1014340	20.00	ng	0.00
76) Chrysene-d12	14.074	240	995667	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	915859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1325515	79.14	ng	0.00
7) Phenol-d6	6.510	99	1677611	73.90	ng	0.00
23) Nitrobenzene-d5	7.451	82	1023672	51.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	479839	81.27	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1847689	50.50	ng	-0.01
79) Terphenyl-d14	13.021	244	2185429	43.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	137228	10.05	ng	# 81
25) Isophorone	7.451	82	1021450	28.09	ng	# 65
32) Benzoic acid	8.175	122	122	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	70122	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	70122	5.93	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	968	5.13	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	31805	2.46	ng	# 1

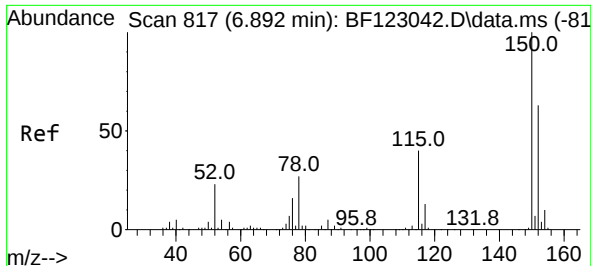
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
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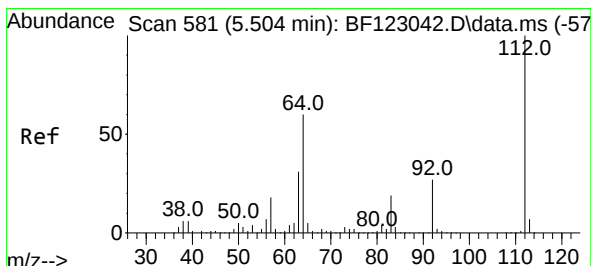
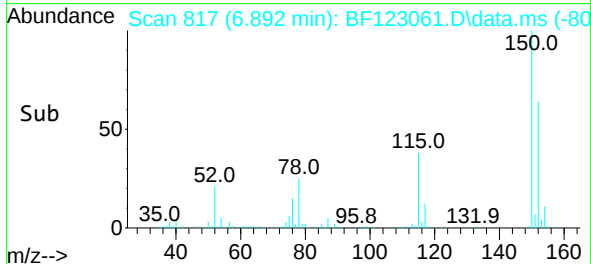
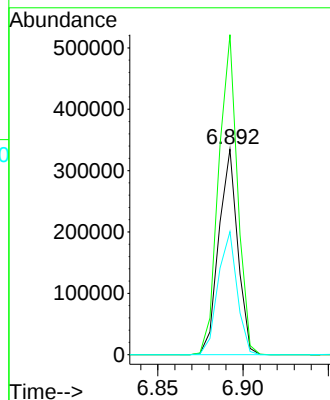
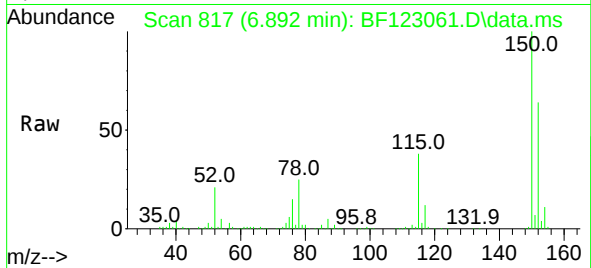




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

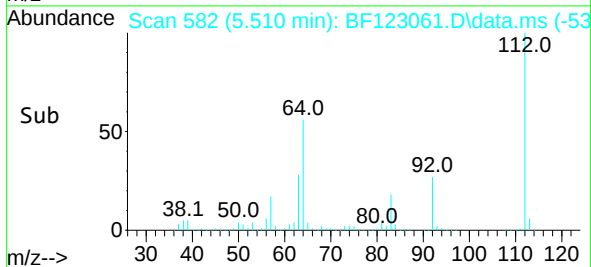
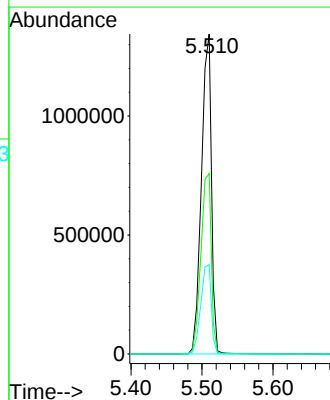
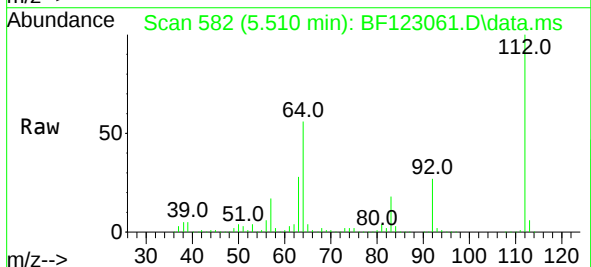
Instrument :
BNA_F
ClientSampleId :
PS1419LN

Tgt Ion:152 Resp: 258347
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 79.14 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion:112 Resp: 1325515
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 27.9 24.5 36.7

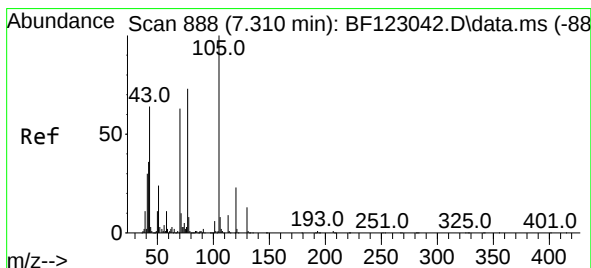
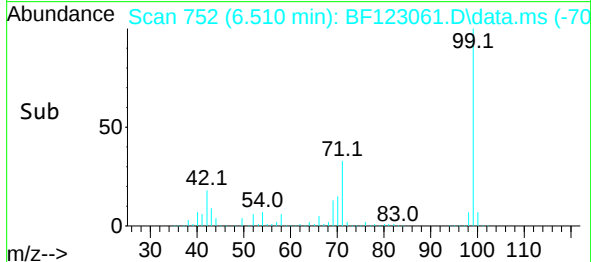
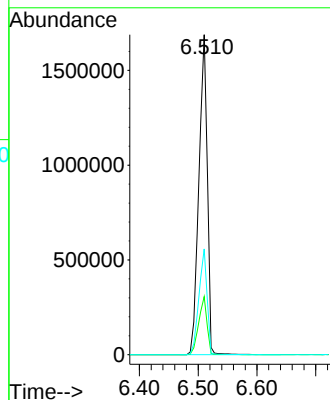
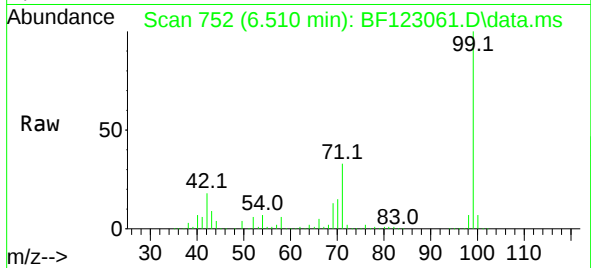




#7
Phenol-d6
Concen: 73.90 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

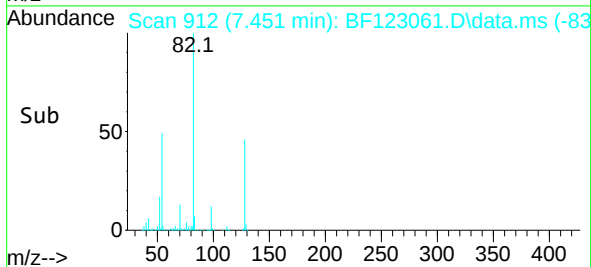
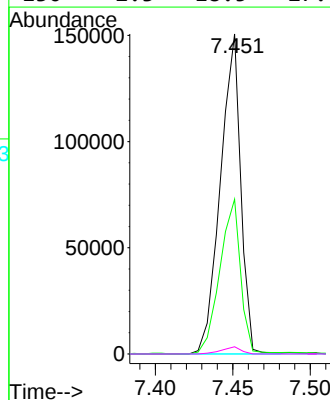
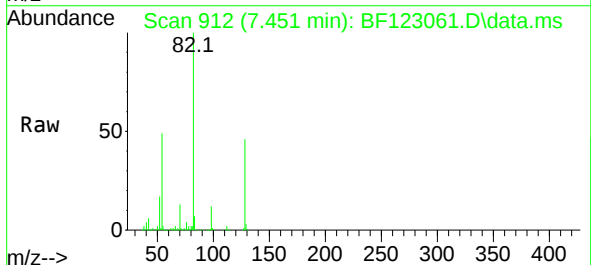
Instrument :
BNA_F
ClientSampleId :
PS1419LN

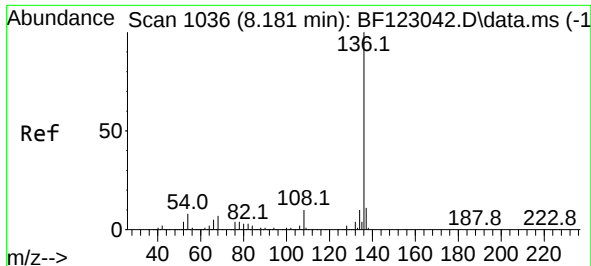
Tgt Ion: 99 Resp: 1677611
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.6
71 33.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.05 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

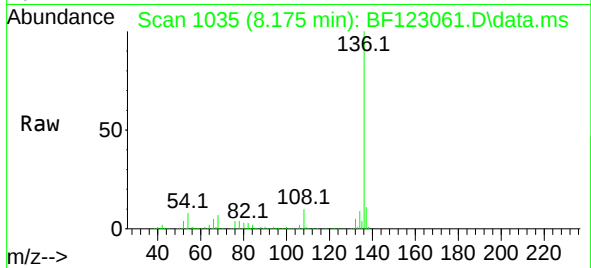
Tgt Ion: 70 Resp: 137228
Ion Ratio Lower Upper
70 100
42 48.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



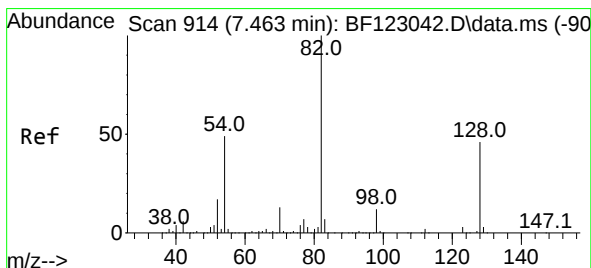
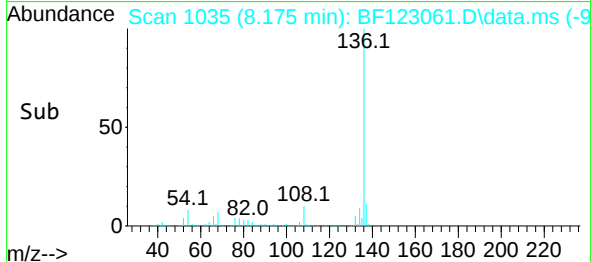
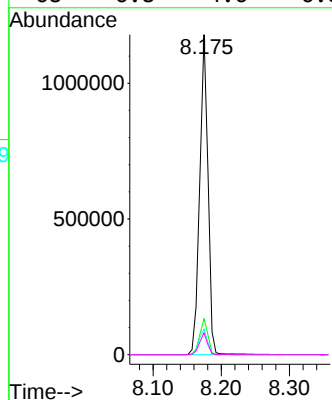


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Instrument :
BNA_F
ClientSampleId :
PS1419LN

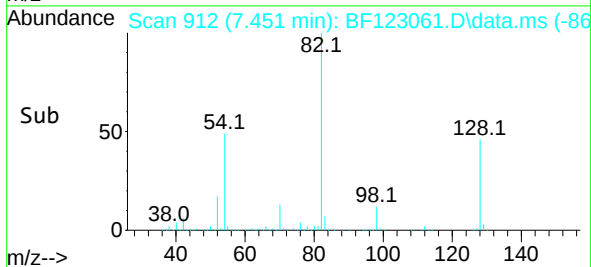
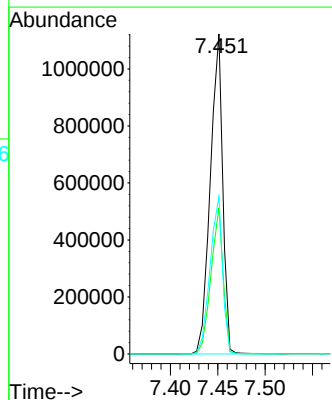
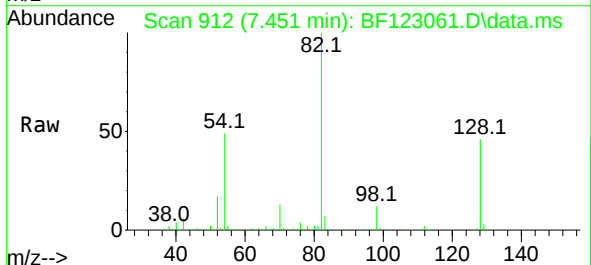


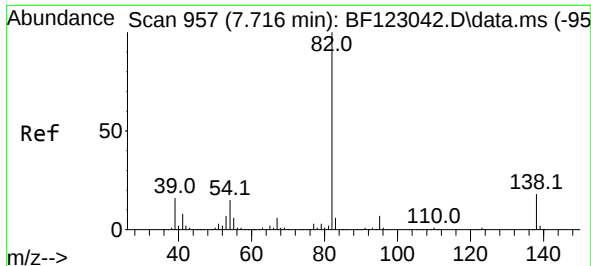
Tgt Ion:136	Resp: 999242
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	8.0 5.5 8.3
68	6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 51.56 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion: 82	Resp: 1023672
Ion Ratio	Lower Upper
82	100
128	45.7 37.0 55.4
54	49.2 38.4 57.6

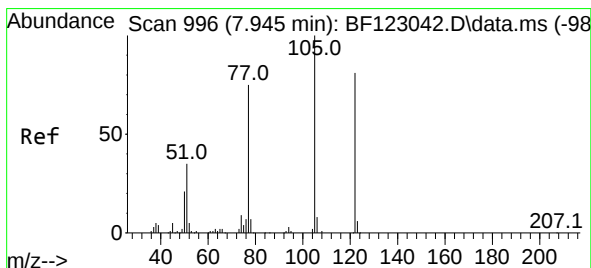
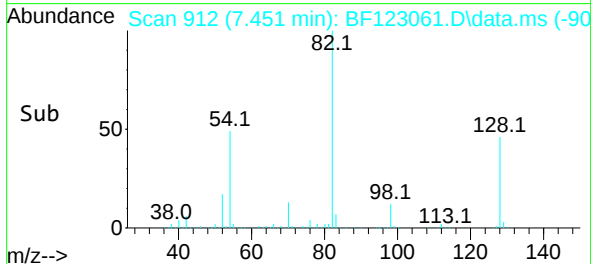
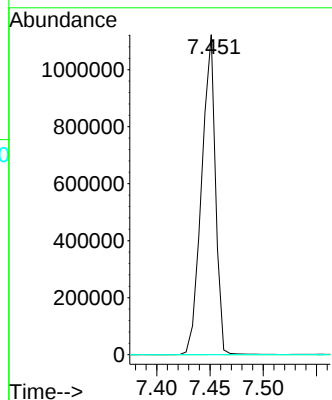
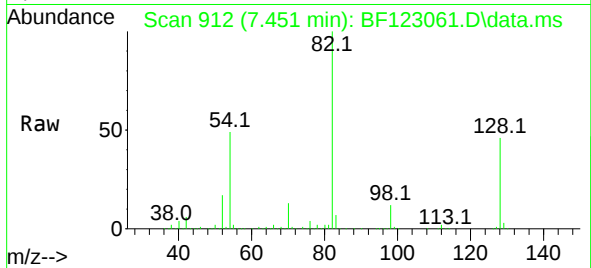




#25
Isophorone
Concen: 28.09 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

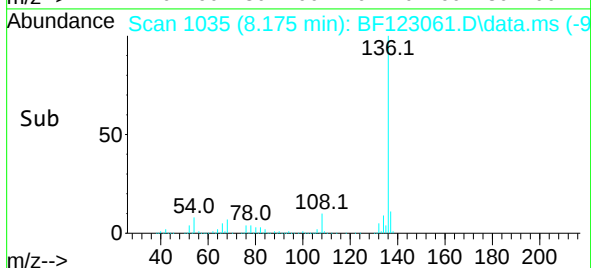
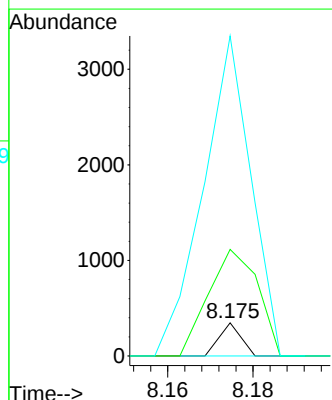
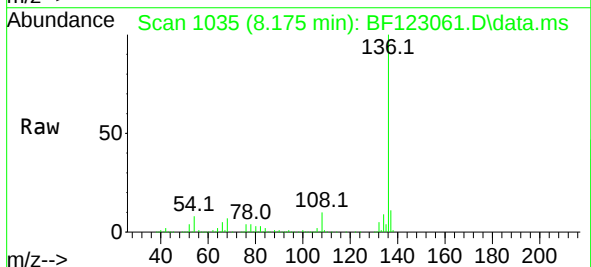
Instrument :
BNA_F
ClientSampleId :
PS1419LN

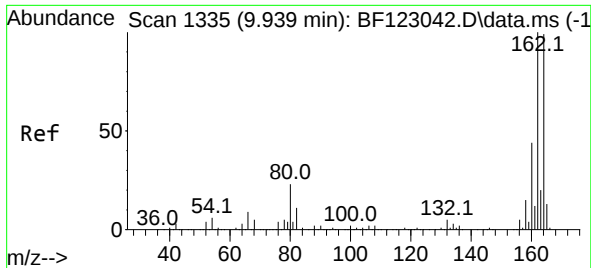
Tgt Ion: 82 Resp: 1021450
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 321.6 104.8 144.8#
77 965.1 71.0 111.0#

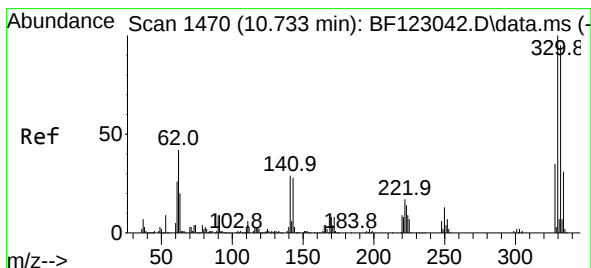
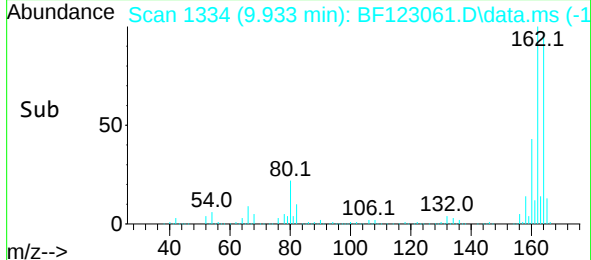
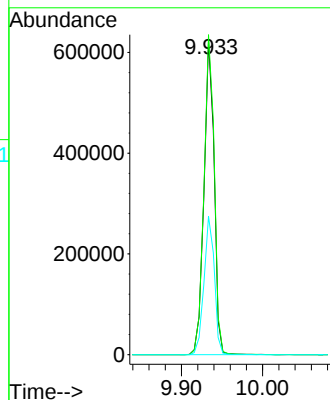
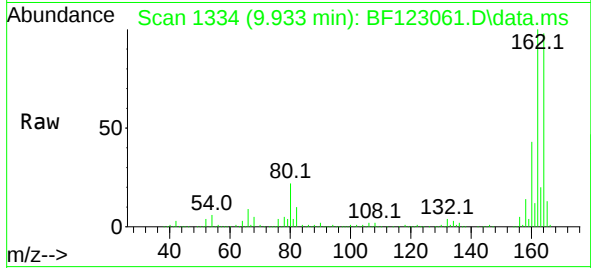




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

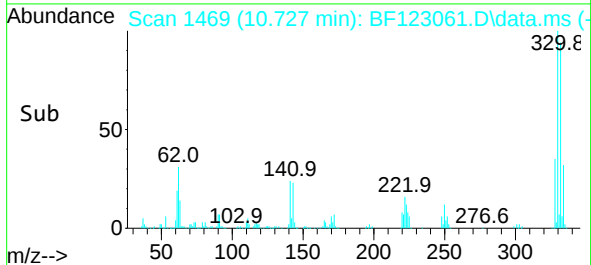
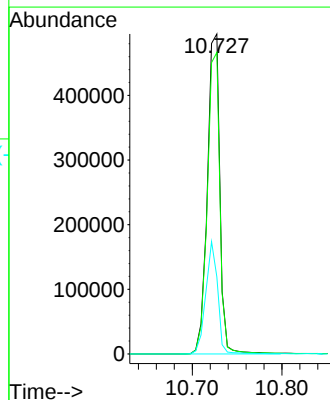
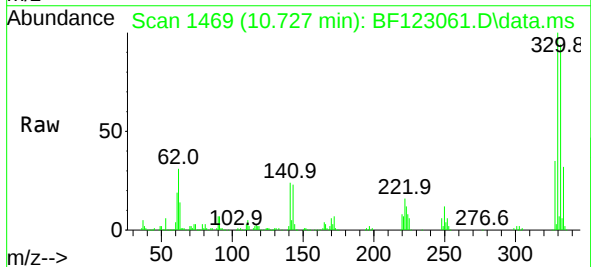
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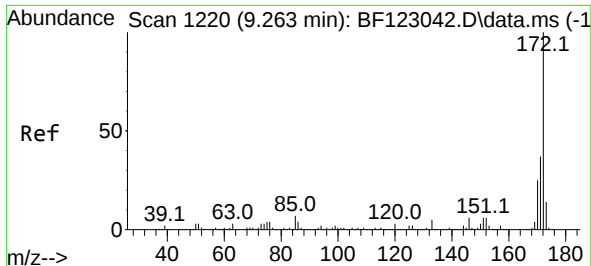
Tgt Ion:164 Resp: 543874
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 81.27 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion:330 Resp: 479839
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 33.6 23.8 35.8

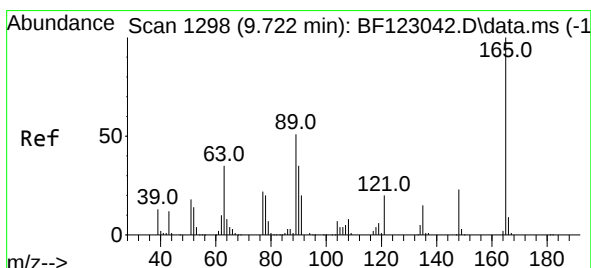
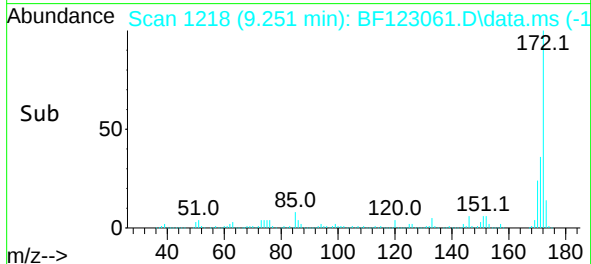
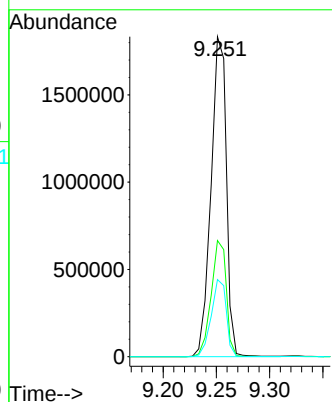
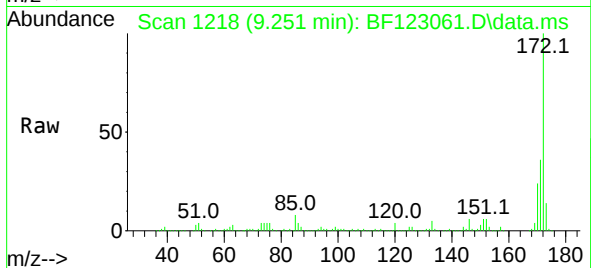




#45
2-Fluorobiphenyl
Concen: 50.50 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

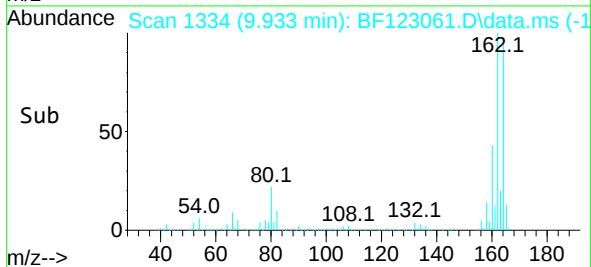
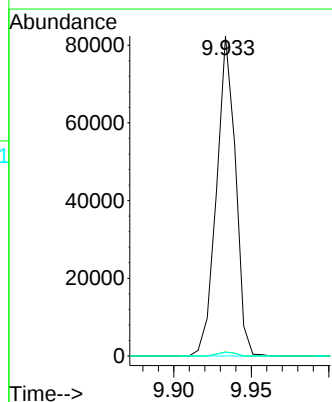
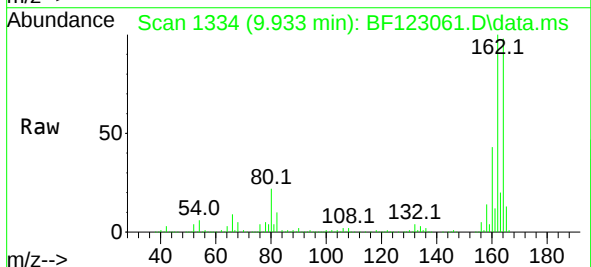
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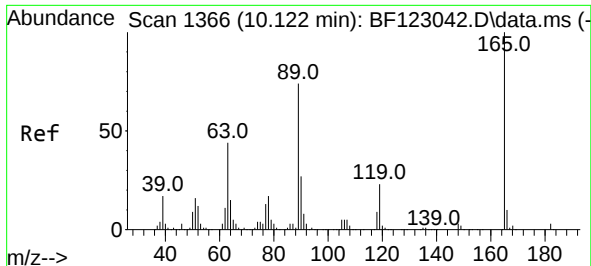
Tgt Ion:172 Resp: 1847689
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

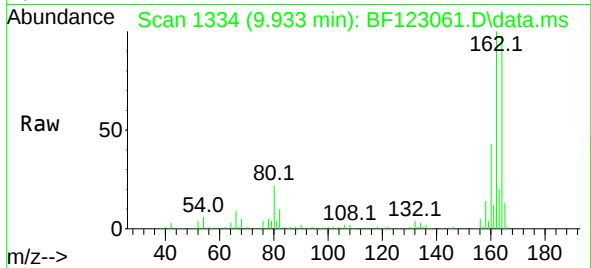
Tgt Ion:165 Resp: 70122
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.1 39.4 59.0#



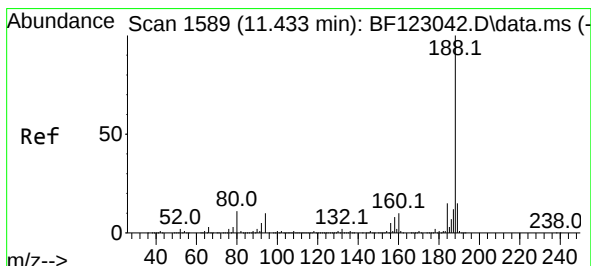
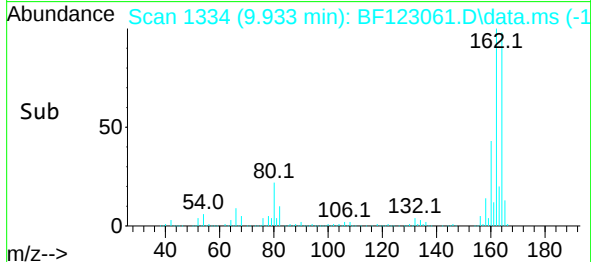
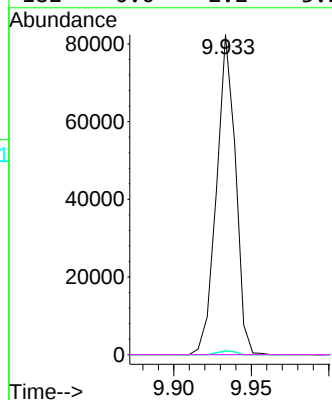


#57
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Instrument :
BNA_F
ClientSampleId :
PS1419LN

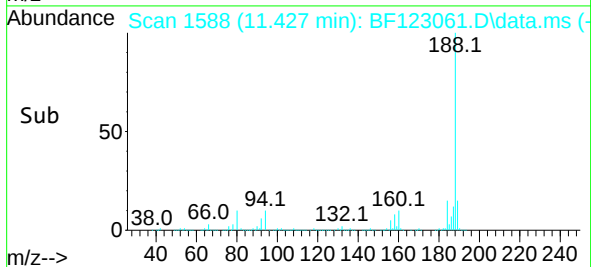
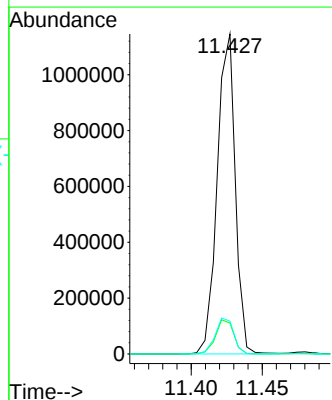
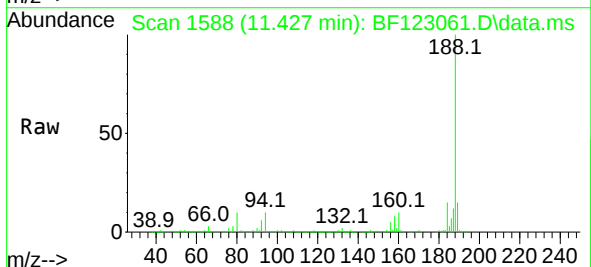


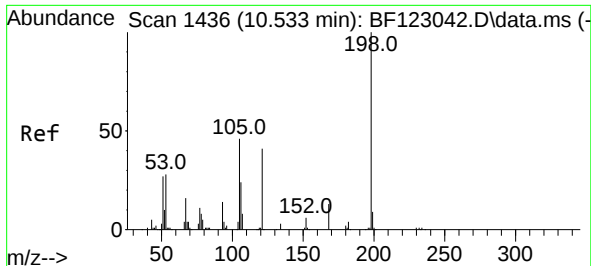
Tgt Ion:165 Resp: 70122
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion:188 Resp: 1014340
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.2 8.2 12.4

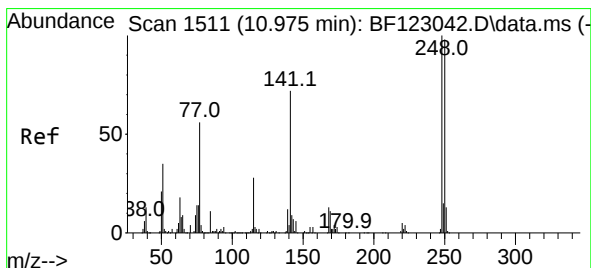
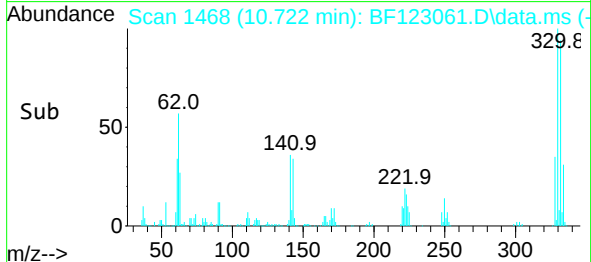
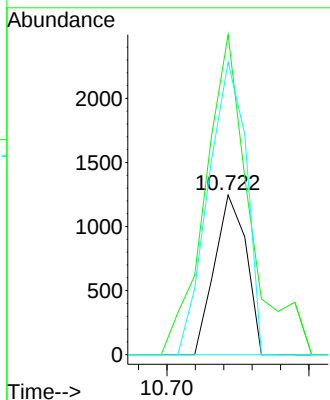
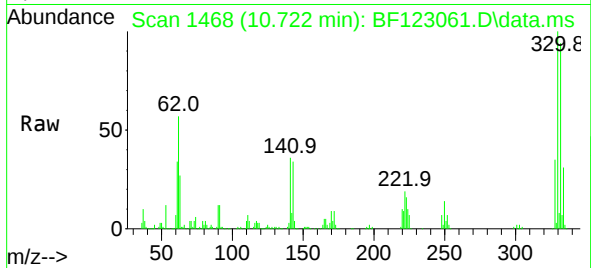




#65
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

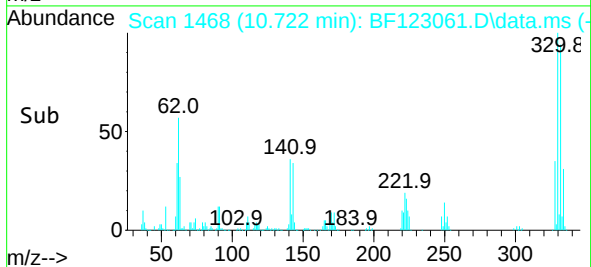
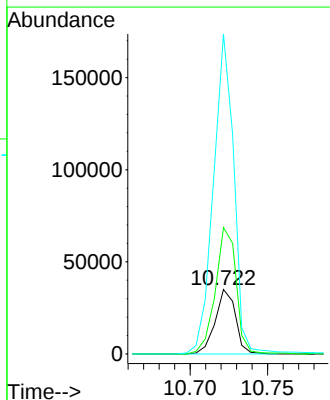
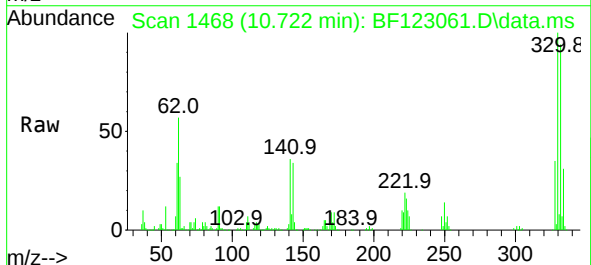
Instrument :
BNA_F
ClientSampled :
PS1419LN

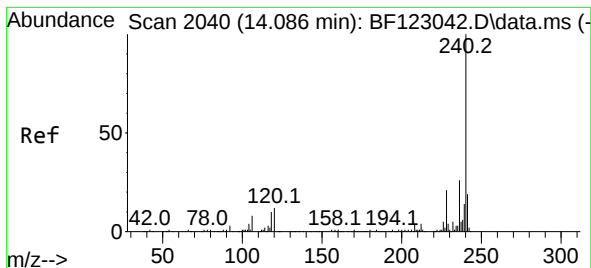
Tgt Ion:198 Resp: 968
Ion Ratio Lower Upper
198 100
51 200.4 20.3 60.3#
105 183.2 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.46 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF123061.D
Acq: 28 Jan 2021 16:02

Tgt Ion:248 Resp: 31805
Ion Ratio Lower Upper
248 100
250 195.7 76.8 115.2#
141 495.6 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF123061.D

Acq: 28 Jan 2021 16:02

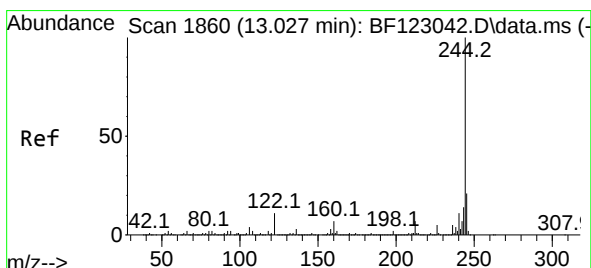
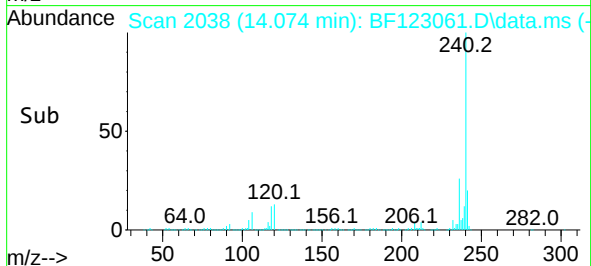
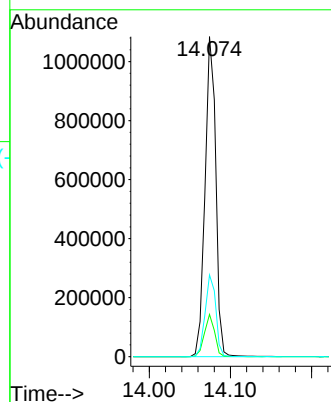
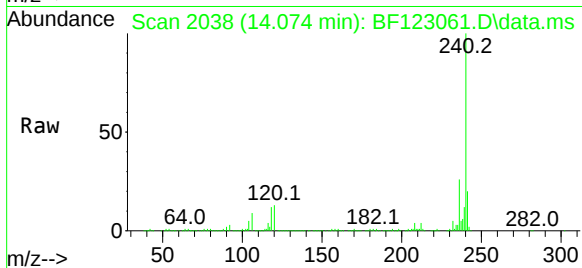
Tgt Ion:240 Resp: 995667

Ion Ratio Lower Upper

240 100

120 13.2 8.6 12.8#

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 43.12 ng

RT: 13.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF123061.D

Acq: 28 Jan 2021 16:02

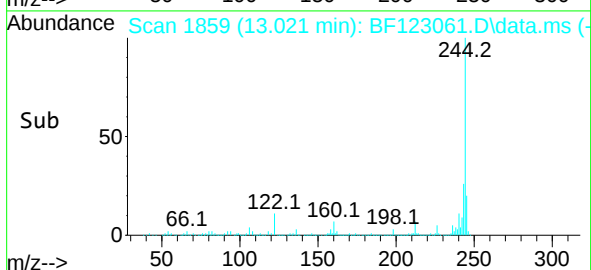
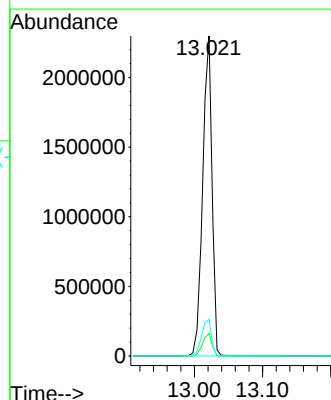
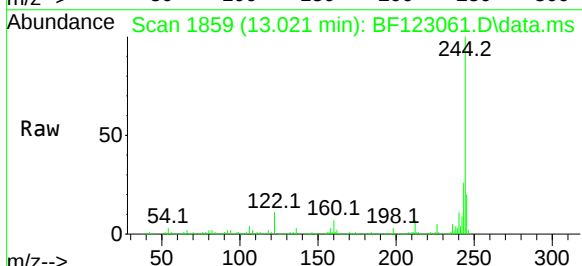
Tgt Ion:244 Resp: 2185429

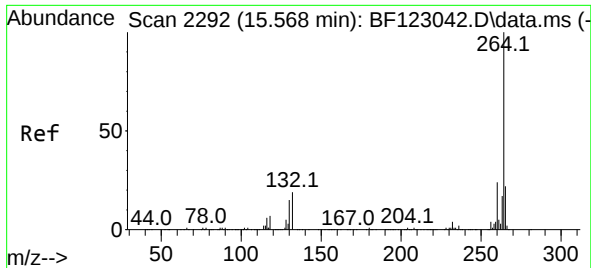
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

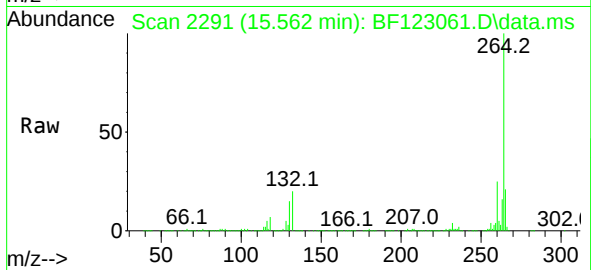
122 11.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123061.D
 Acq: 28 Jan 2021 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PS1419LN



Tgt Ion:	264	Resp:	915859
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.6	28.0
265	21.4	17.0	25.6

