

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123979.D
 Acq On : 18 May 2021 15:25
 Operator : JU/CG
 Sample : M2435-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-B

Quant Time: May 19 03:18:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

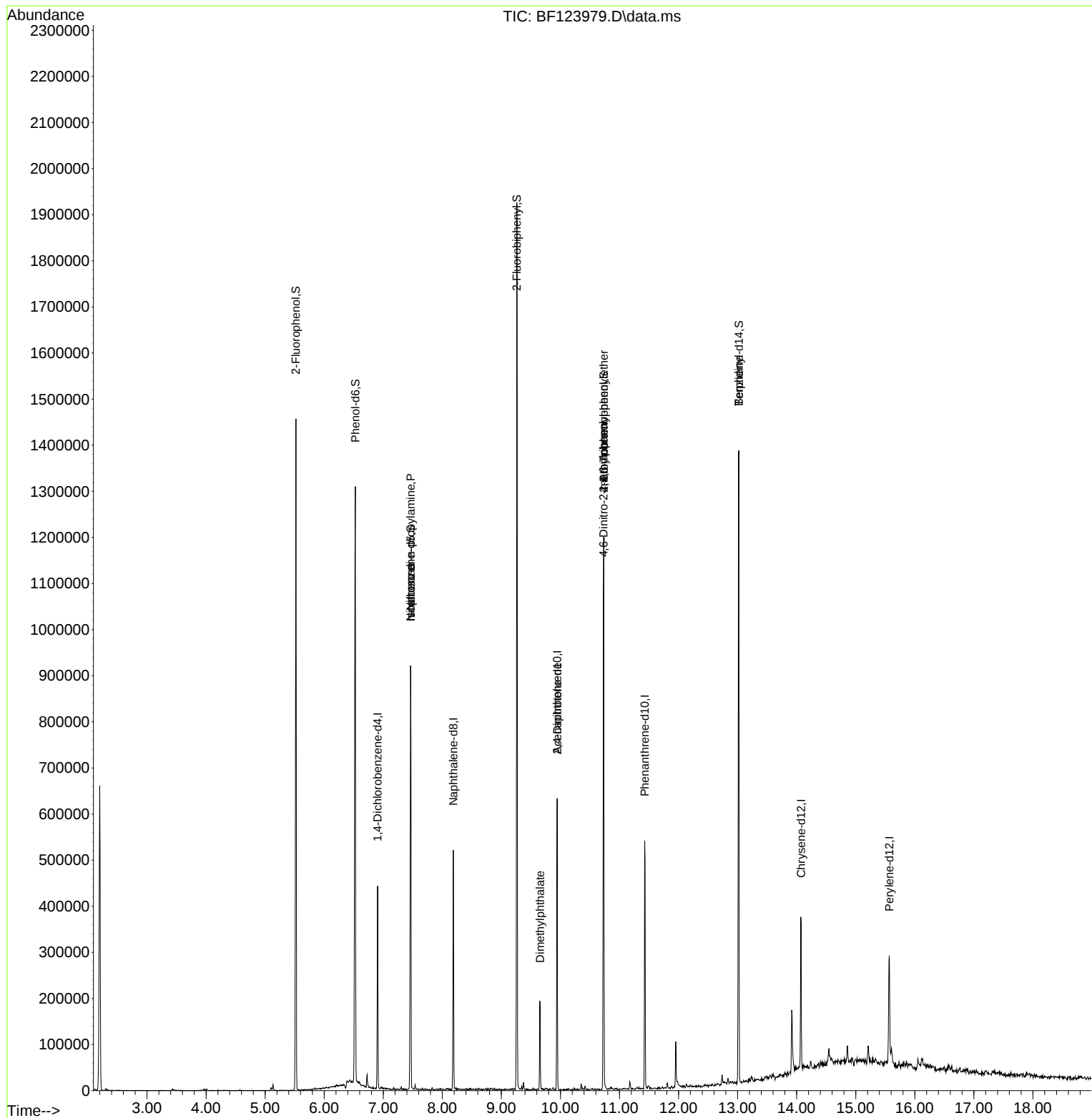
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	47365	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	178269	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	105189	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	186663	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	105477	20.00	ng	0.00
86) Perylene-d12	15.568	264	98334	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	303361	89.93	ng	0.01
7) Phenol-d6	6.528	99	381626	87.21	ng	0.00
23) Nitrobenzene-d5	7.463	82	284645	68.80	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	123543	97.78	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	509827	59.64	ng	0.00
79) Terphenyl-d14	13.021	244	439267	63.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	41219	13.94	ng	# 73
25) Isophorone	7.463	82	284640	35.76	ng	# 69
50) Dimethylphthalate	9.657	163	66094	7.87	ng	99
57) 2,4-Dinitrotoluene	9.945	165	14162	6.80	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.727	198	428	5.75	ng	# 58
67) 4-Bromophenyl-phenylether	10.733	248	7900	3.22	ng	# 1
77) Benzidine	13.021	184	7474	2.94	ng	# 93

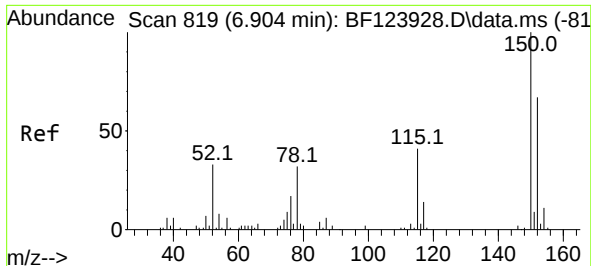
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: May 19 03:18:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

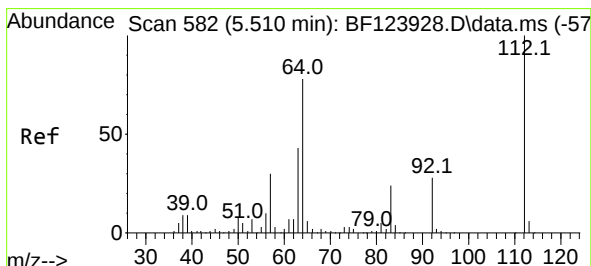
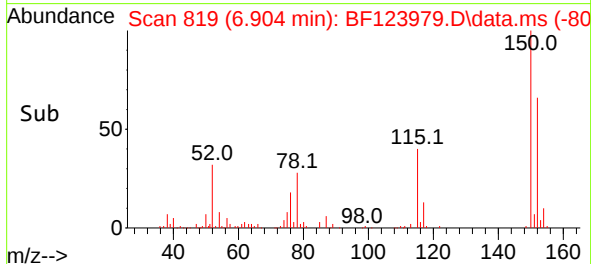
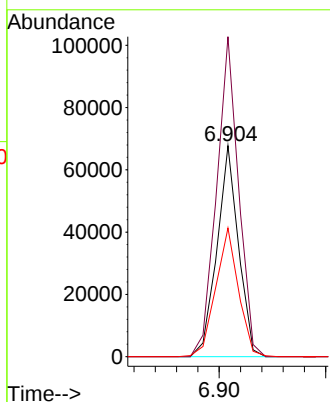
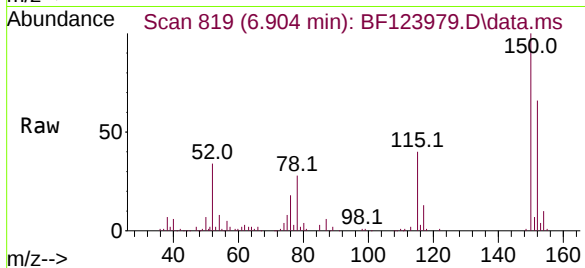




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

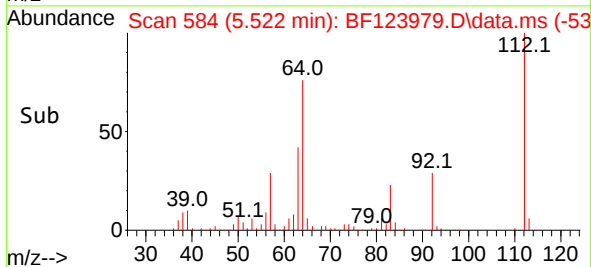
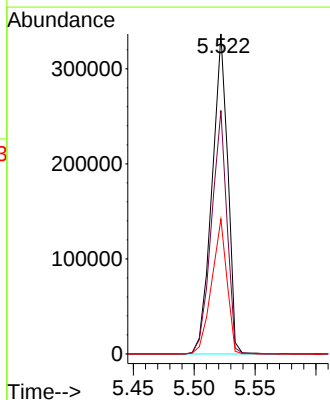
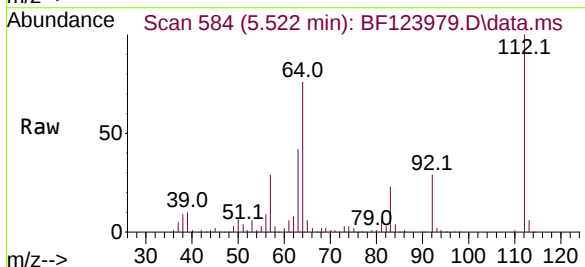
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-B

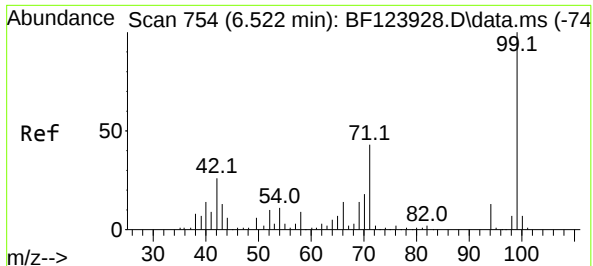
Tgt Ion:152 Resp: 47365
Ion Ratio Lower Upper
152 100
150 151.6 127.0 190.6
115 60.9 54.3 81.5



#5
2-Fluorophenol
Concen: 89.93 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:112 Resp: 303361
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 42.2 33.0 49.4

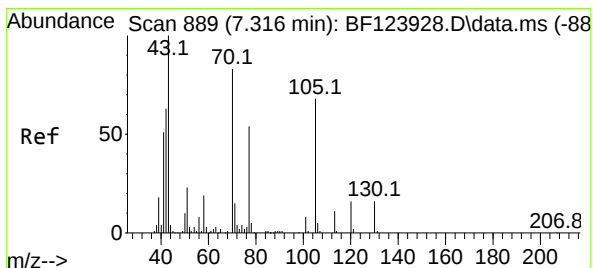
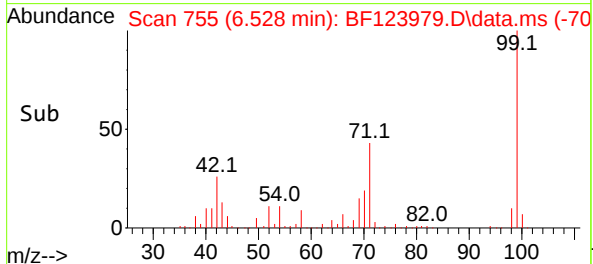
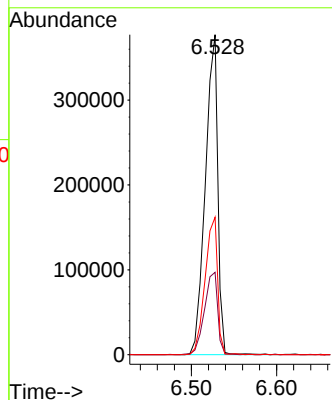
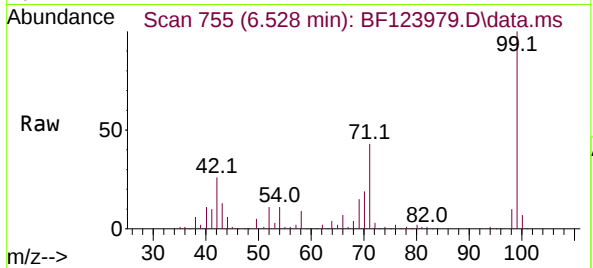




#7
Phenol-d6
Concen: 87.21 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

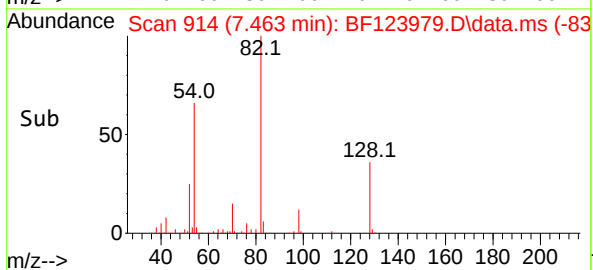
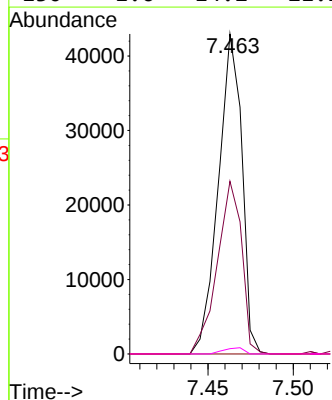
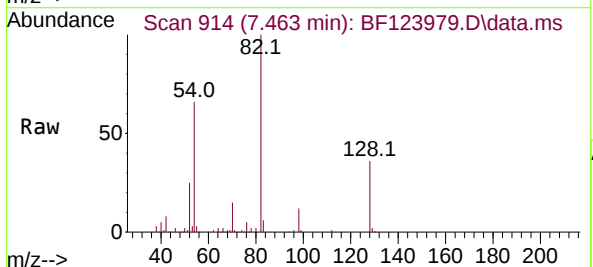
Instrument :
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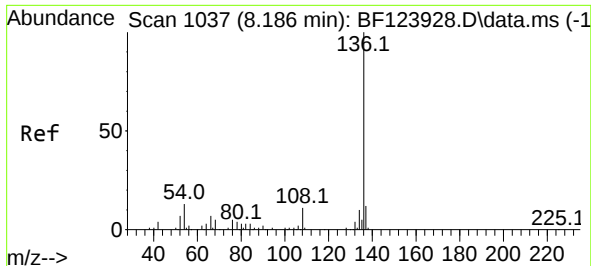
Tgt Ion: 99 Resp: 381626
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 43.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion: 70 Resp: 41219
Ion Ratio Lower Upper
70 100
42 53.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

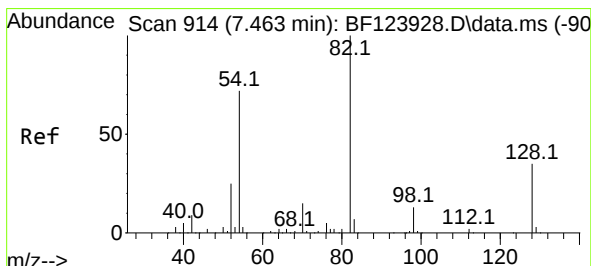
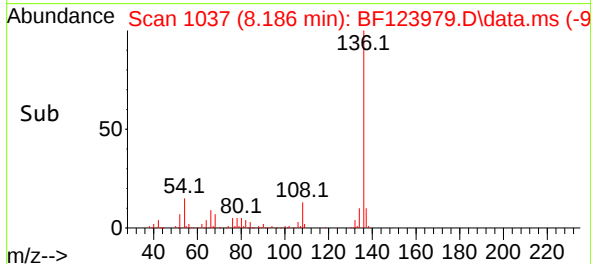
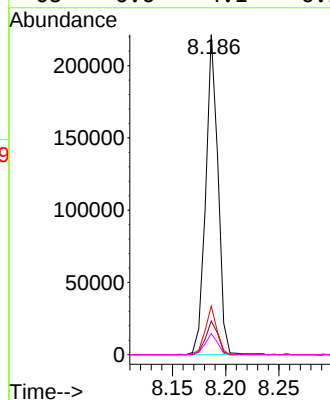
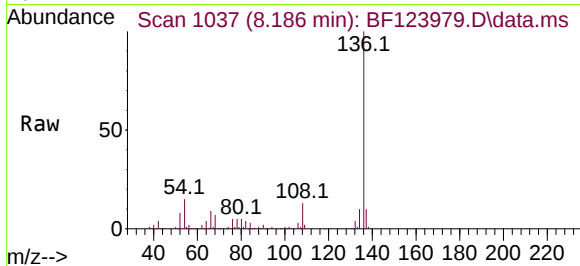




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

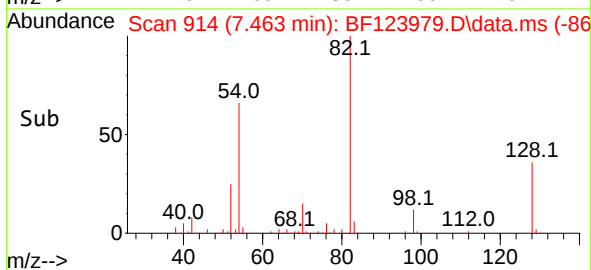
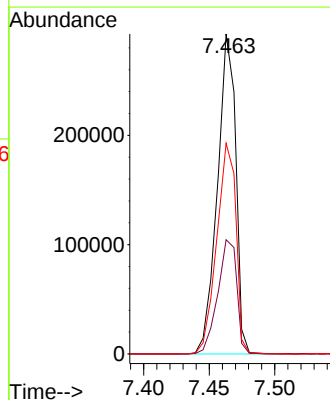
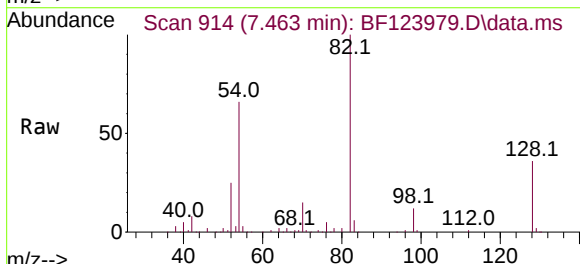
Instrument :
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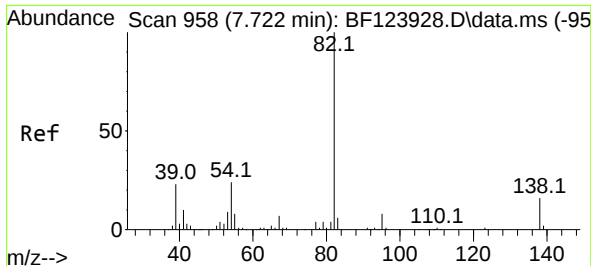
Tgt Ion:	136	Resp:	178269
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	15.2	9.8	14.6#
68	6.6	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 68.80 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:	82	Resp:	284645
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.4	44.2
54	65.8	54.1	81.1

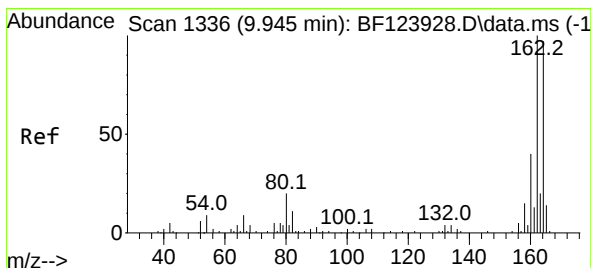
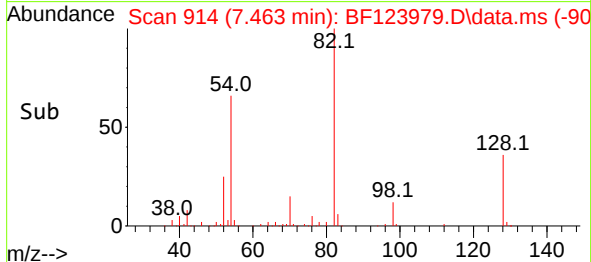
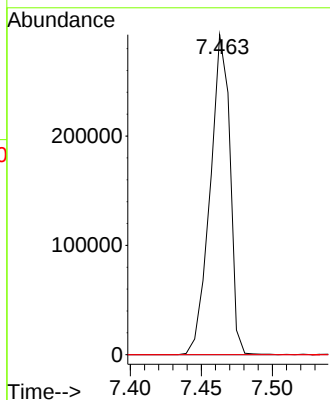
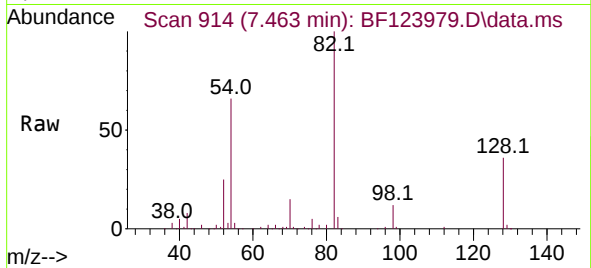




#25
Isophorone
Concen: 35.76 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

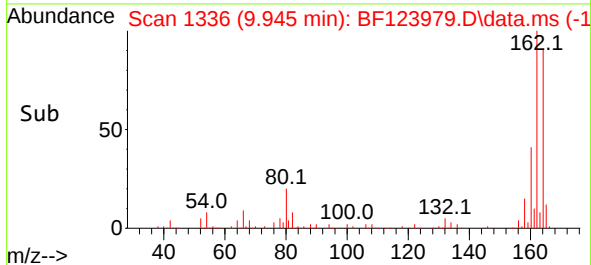
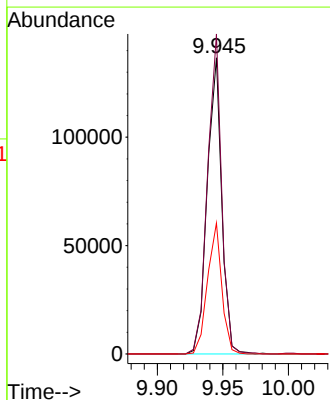
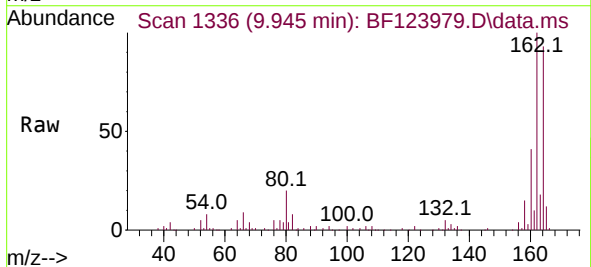
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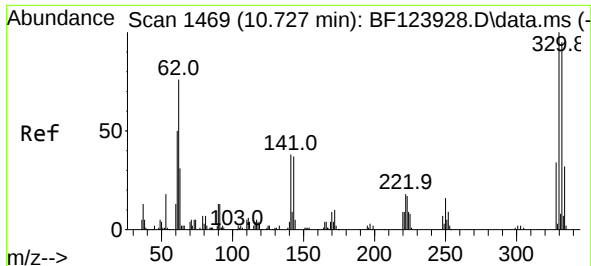
Tgt Ion: 82 Resp: 284640
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion: 164 Resp: 105189
Ion Ratio Lower Upper
164 100
162 108.1 80.7 121.1
160 44.2 37.3 55.9

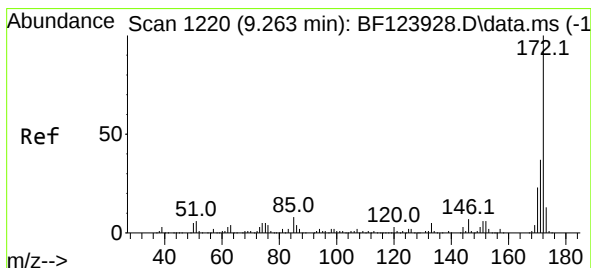
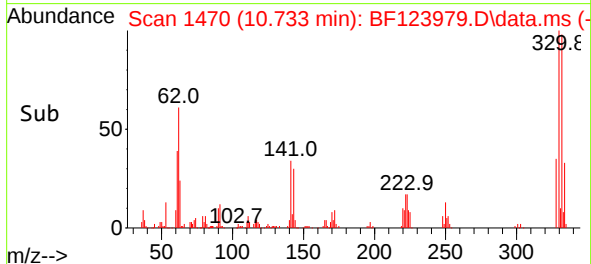
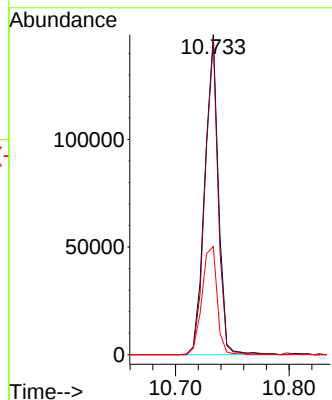
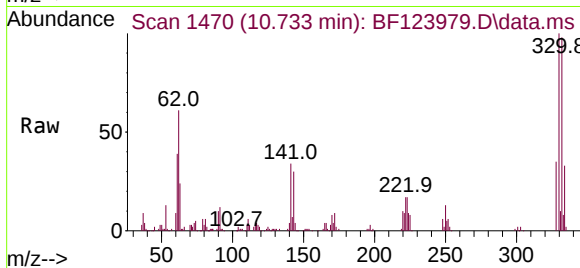




#42
2,4,6-Tribromophenol
Concen: 97.78 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

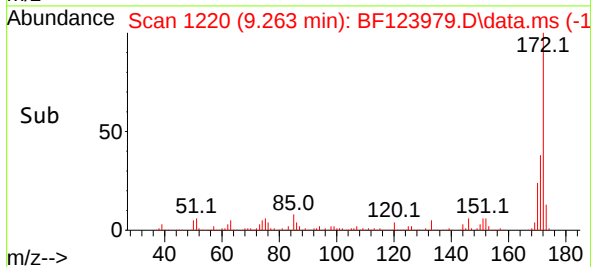
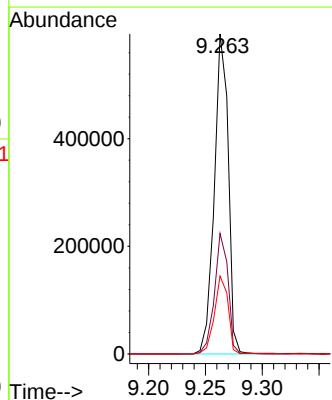
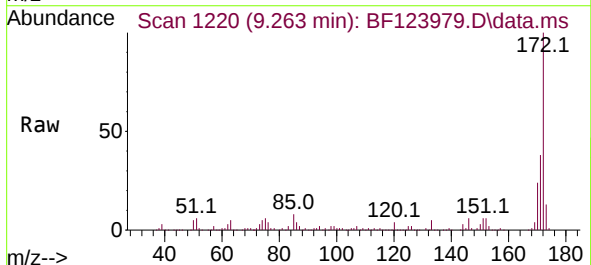
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-B

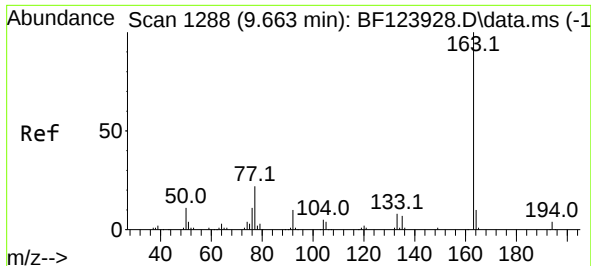
Tgt Ion: 330 Resp: 123543
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 59.64 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion: 172 Resp: 509827
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 24.4 19.2 28.8

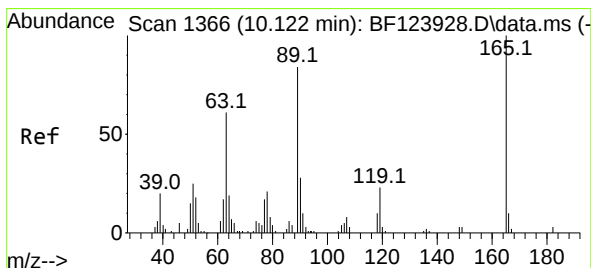
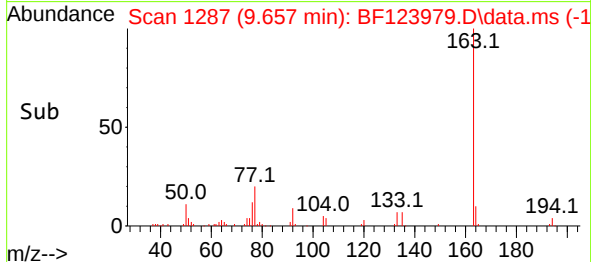
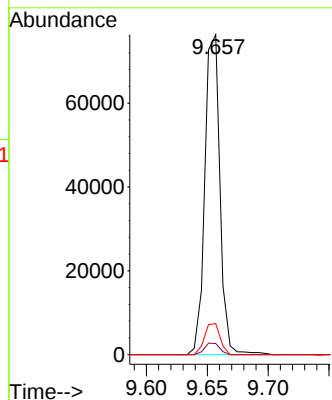
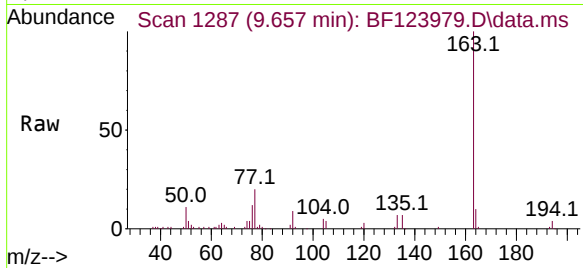




#50
Dimethylphthalate
Concen: 7.87 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

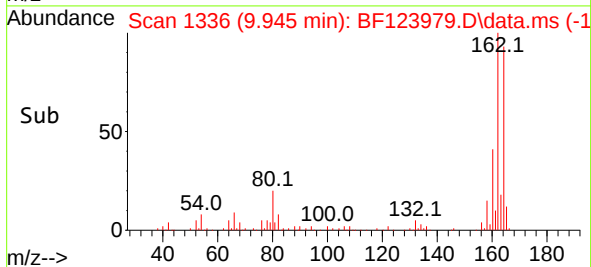
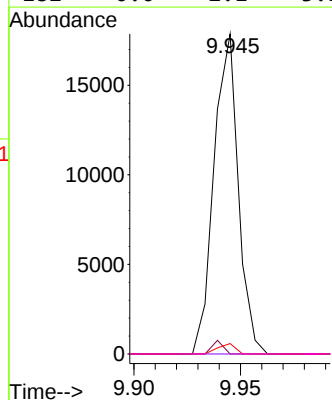
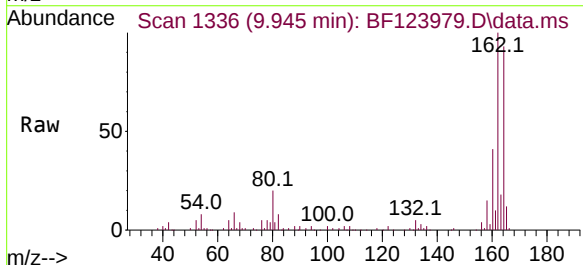
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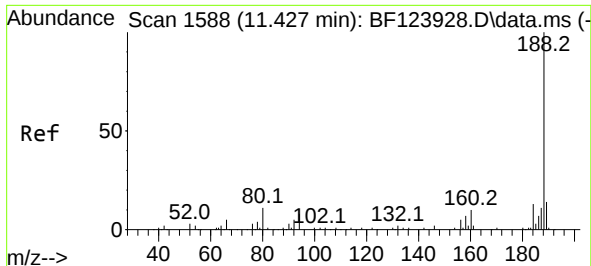
Tgt Ion:163 Resp: 66094
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:165 Resp: 14162
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

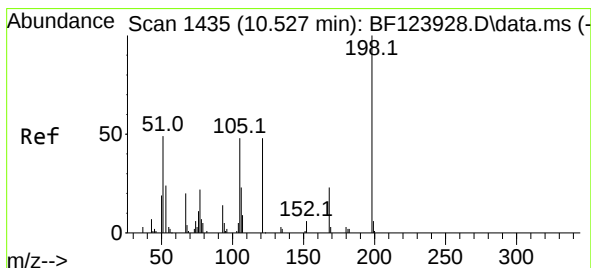
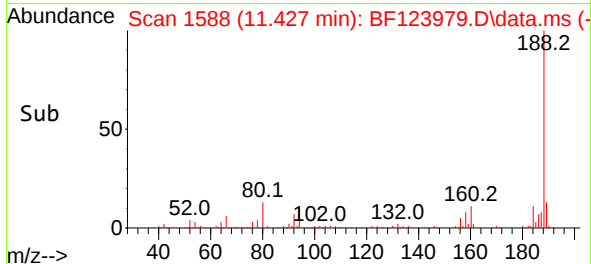
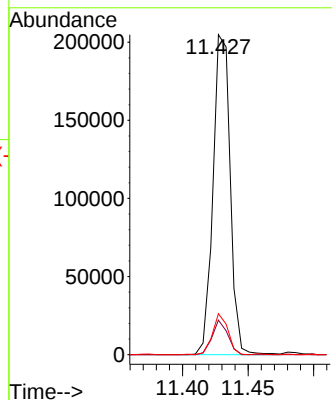
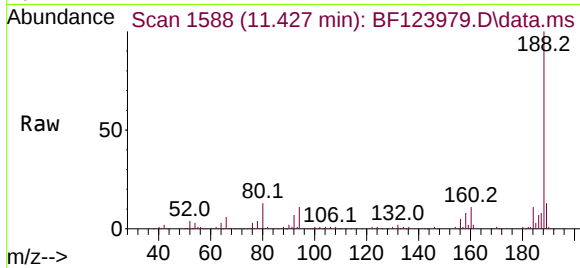




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

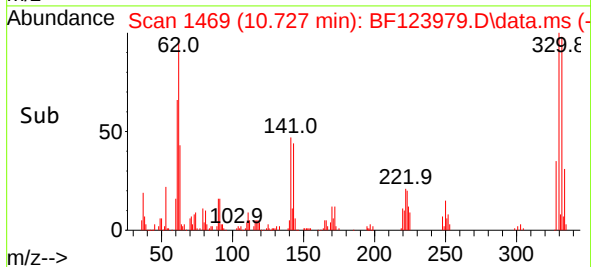
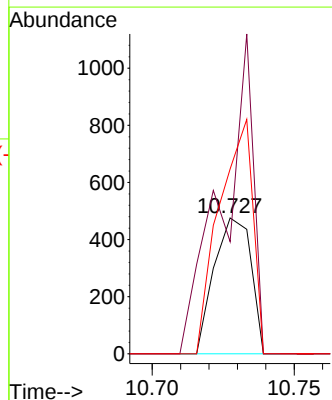
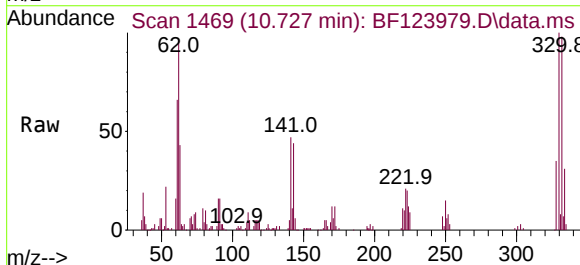
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-B

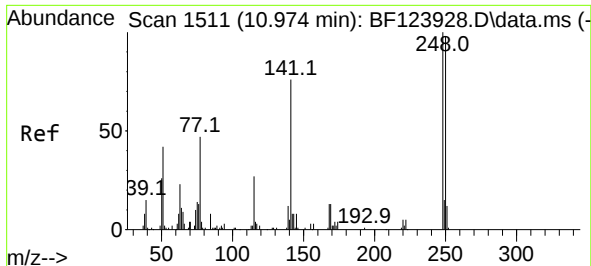
Tgt Ion:188 Resp: 186663
Ion Ratio Lower Upper
188 100
94 10.8 6.9 10.3#
80 12.8 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.75 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:198 Resp: 428
Ion Ratio Lower Upper
198 100
51 82.6 64.8 104.8
105 135.9 42.6 82.6#

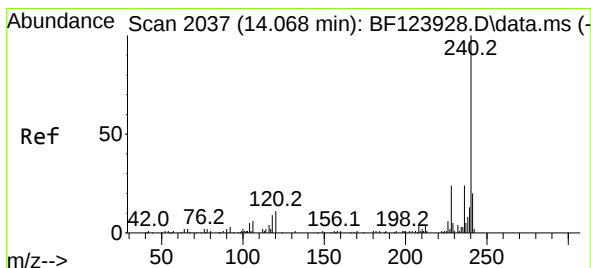
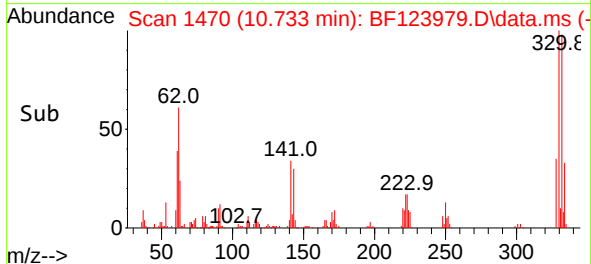
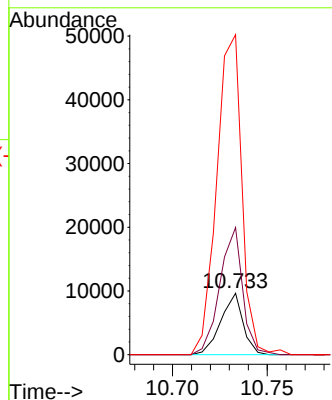
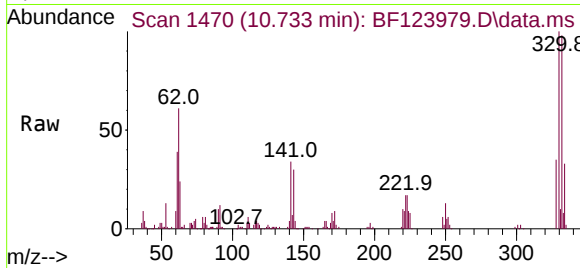




#67
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

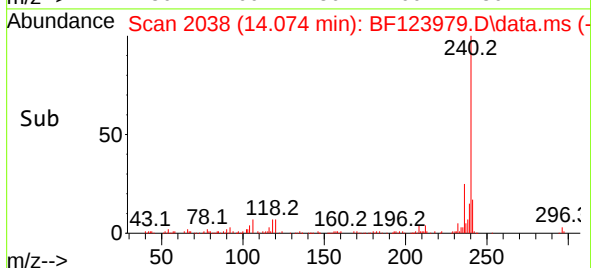
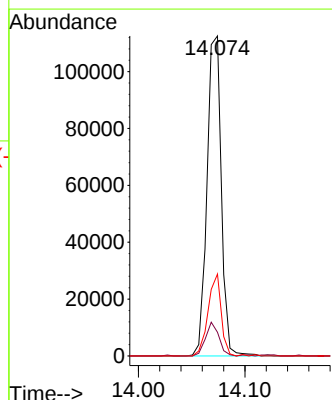
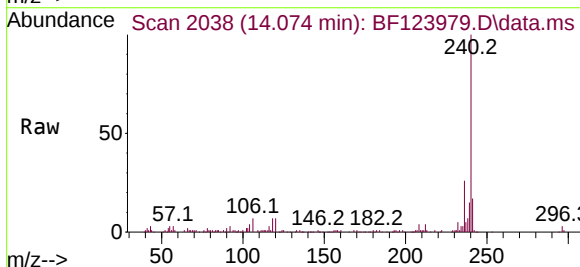
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-B

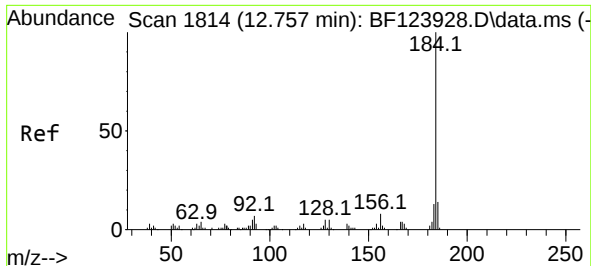
Tgt Ion:248 Resp: 7900
Ion Ratio Lower Upper
248 100
250 207.0 77.4 116.2#
141 520.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:240 Resp: 105477
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 25.6 19.0 28.4

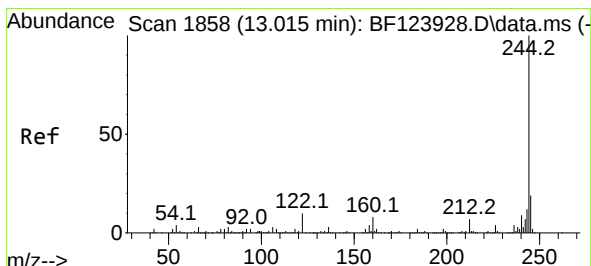
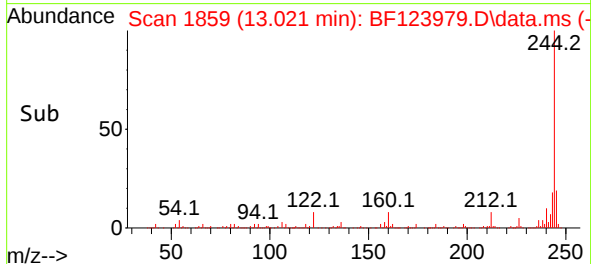
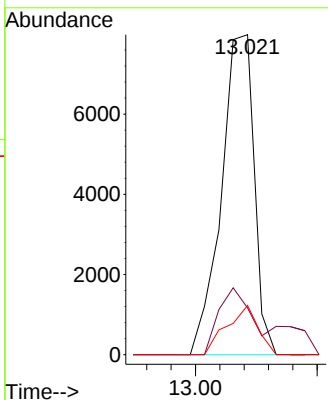
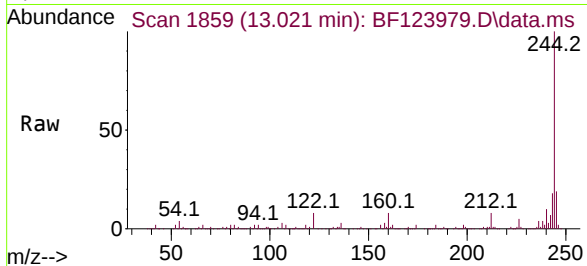




#77
Benzidine
Concen: 2.94 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

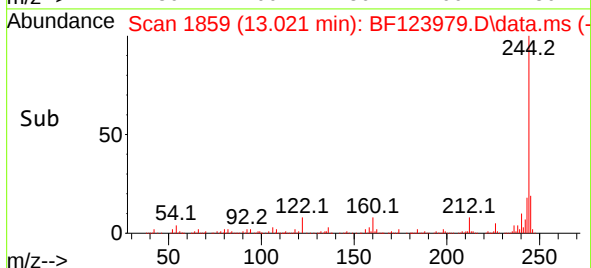
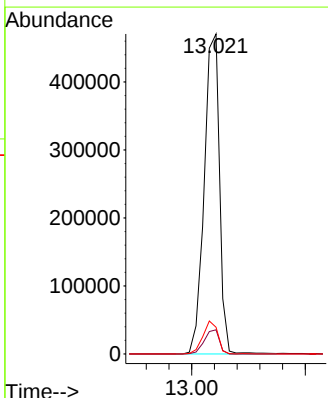
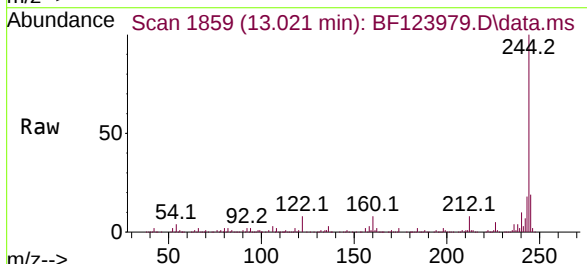
Instrument :
BNA_F
ClientSampleId :
HOMESTEAD-B

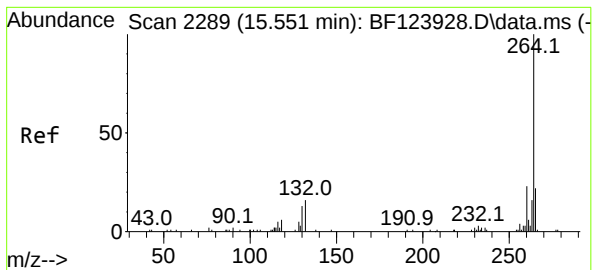
Tgt Ion:184 Resp: 7474
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 15.4 7.8 11.8#



#79
Terphenyl-d14
Concen: 63.07 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123979.D
Acq: 18 May 2021 15:25

Tgt Ion:244 Resp: 439267
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.3 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF123979.D
 Acq: 18 May 2021 15:25

Instrument :
 BNA_F
 ClientSampleId :
 HOMESTEAD-B

Tgt Ion:264	Resp:	98334
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.7 28.1
265	22.4	17.8 26.8

