

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123339.D
 Acq On : 2 Mar 2021 16:44
 Operator : JU/CG
 Sample : M1526-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Mar 02 17:19:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

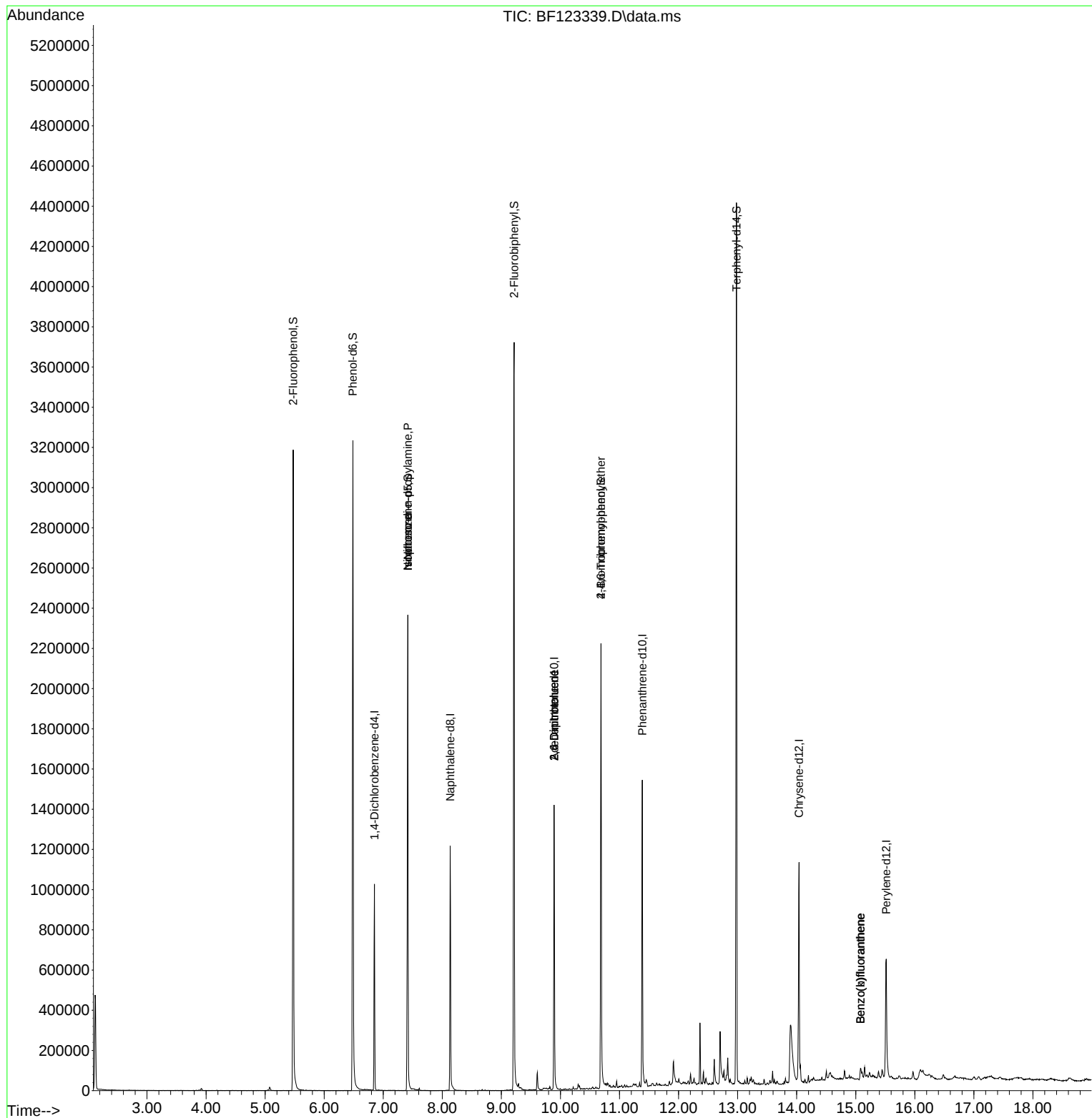
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	125463	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	525007	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	272080	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	507174	20.00	ng	0.00
76) Chrysene-d12	14.039	240	347473	20.00	ng	0.00
86) Perylene-d12	15.515	264	280820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	859223	98.58	ng	0.00
7) Phenol-d6	6.487	99	1114522	94.12	ng	0.00
23) Nitrobenzene-d5	7.416	82	755376	65.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	228644	82.53	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1200716	63.39	ng	0.00
79) Terphenyl-d14	12.980	244	1253698	69.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	2158	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	104686	14.86	ng	# 79
25) Isophorone	7.416	82	755371	35.22	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	34080	7.27	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	34080	5.40	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	16842	3.05	ng	# 1
88) Benzo(b)fluoranthene	15.080	252	40212	2.04	ng	98
89) Benzo(k)fluoranthene	15.080	252	40212	2.25	ng	99

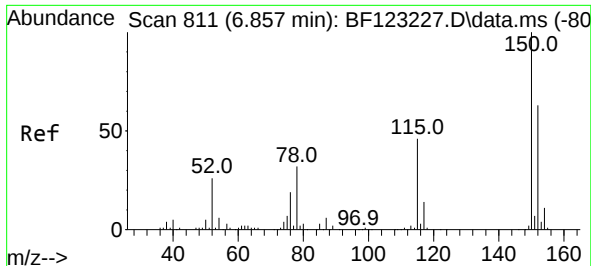
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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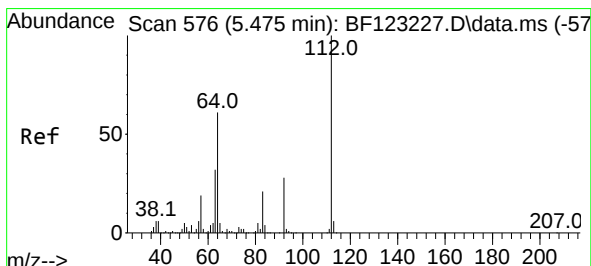
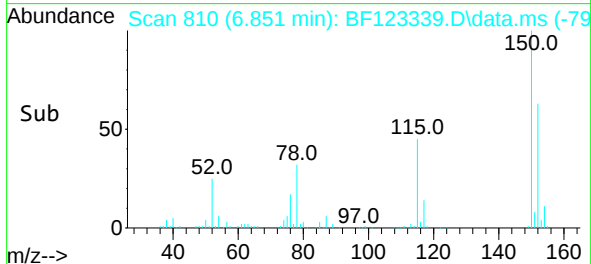
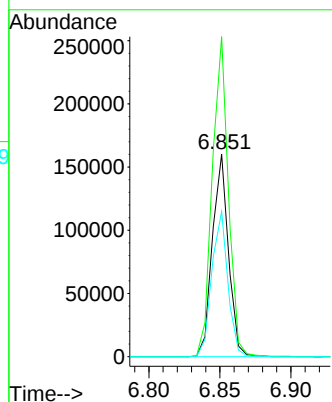
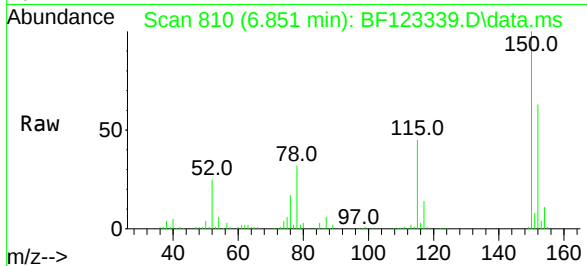




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

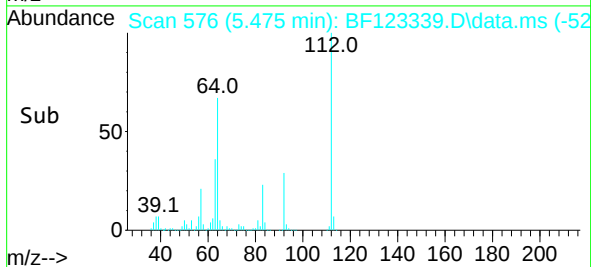
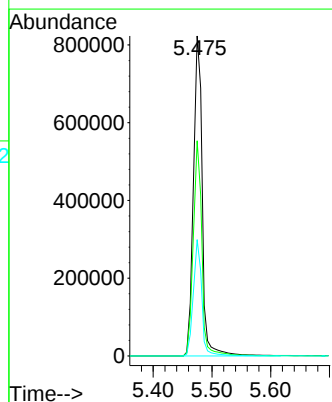
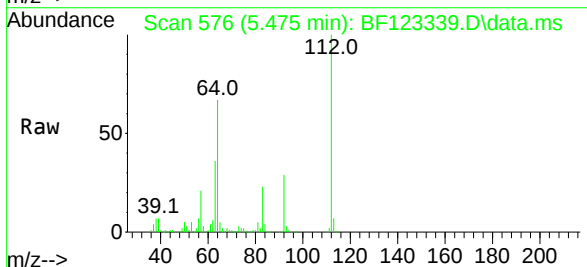
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

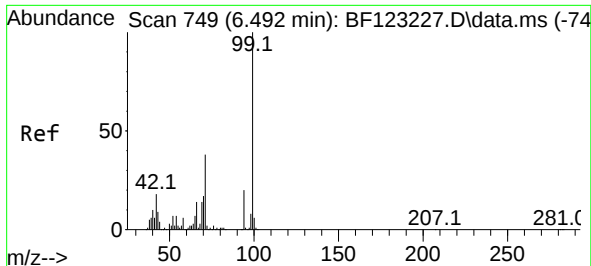
Tgt Ion:152 Resp: 125463
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 71.7 49.3 73.9



#5
2-Fluorophenol
Concen: 98.58 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion:112 Resp: 859223
Ion Ratio Lower Upper
112 100
64 67.3 46.9 70.3
63 36.4 24.5 36.7

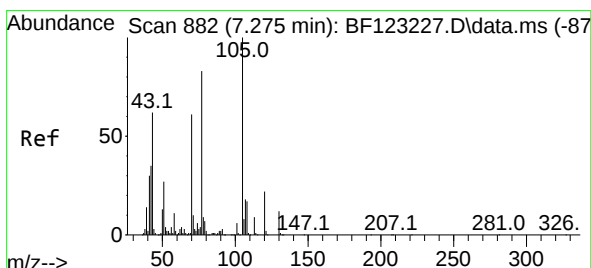
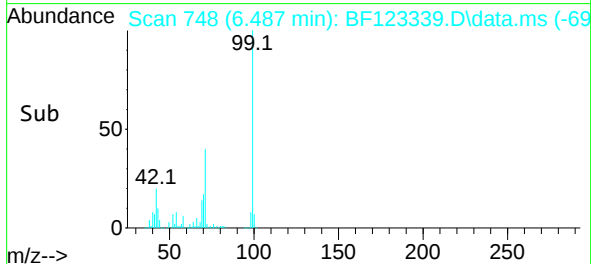
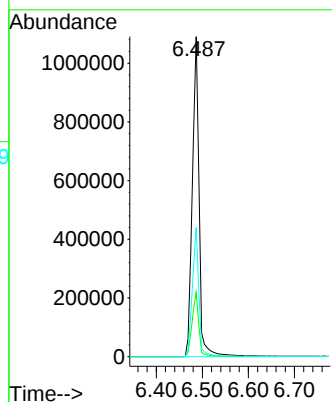
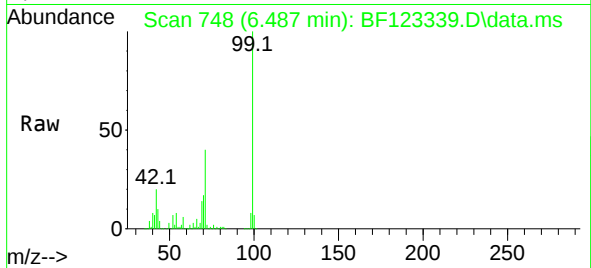




#7
Phenol-d6
Concen: 94.12 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

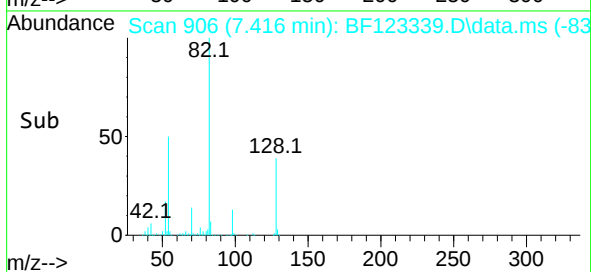
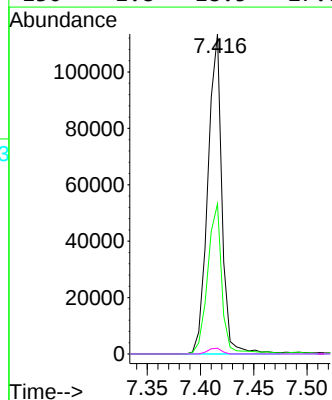
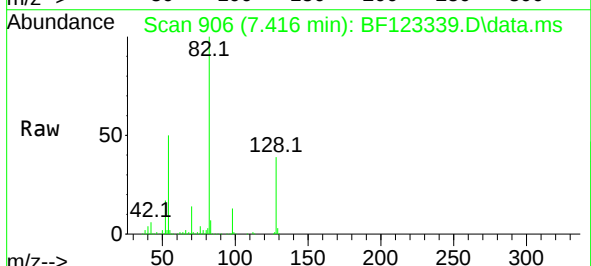
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

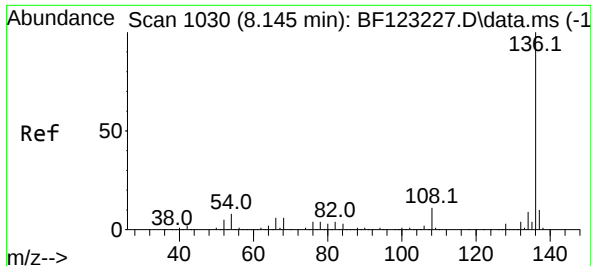
Tgt Ion: 99 Resp: 1114522
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 40.4 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.86 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion: 70 Resp: 104686
Ion Ratio Lower Upper
70 100
42 46.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#

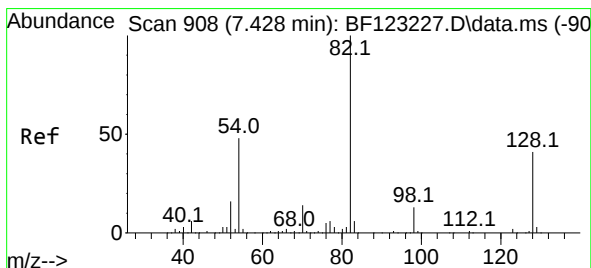
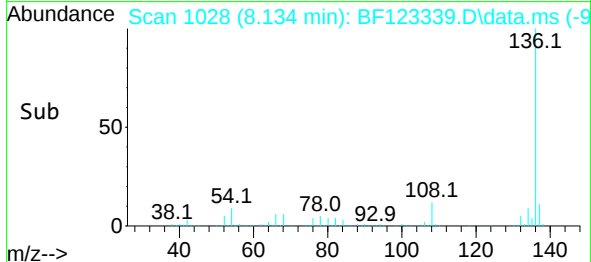
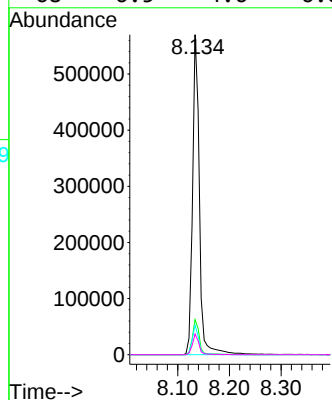
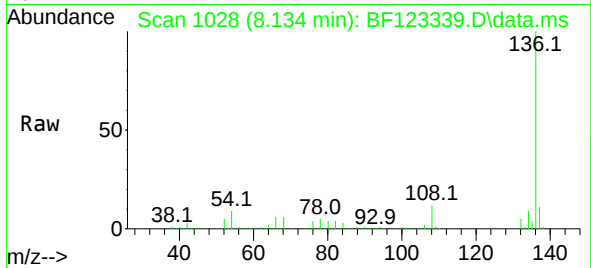




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

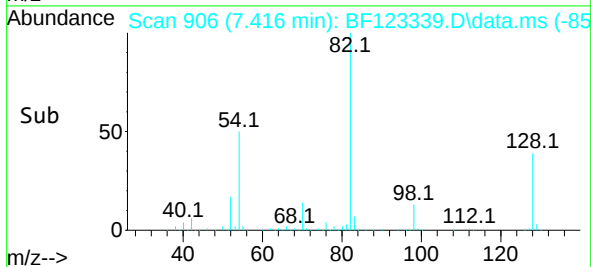
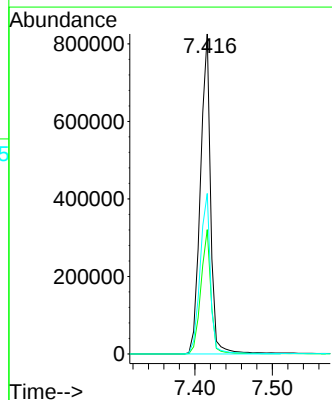
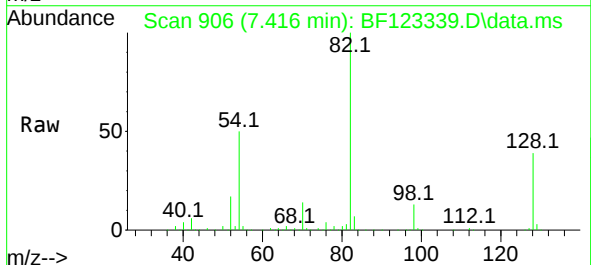
Instrument :
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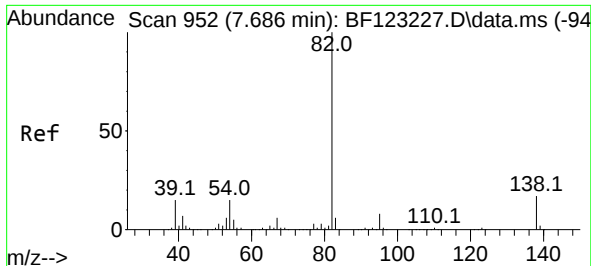
Tgt Ion:136 Resp: 525007
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 5.5 8.3#
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 65.86 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion: 82 Resp: 755376
Ion Ratio Lower Upper
82 100
128 38.9 37.0 55.4
54 50.2 38.4 57.6

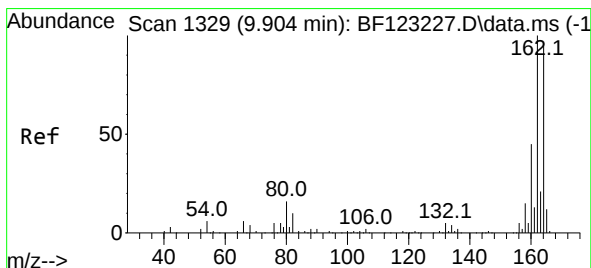
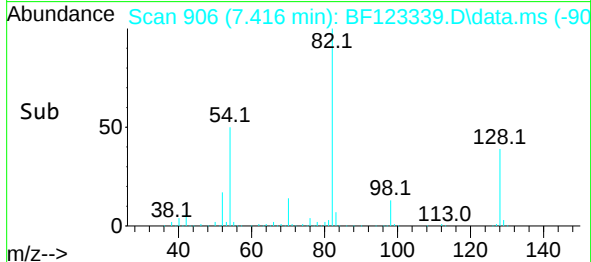
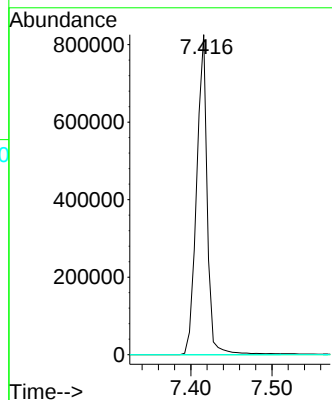
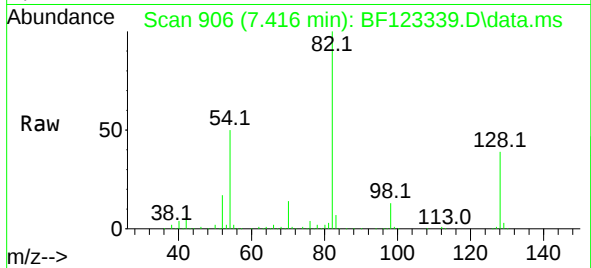




#25
Isophorone
Concen: 35.22 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

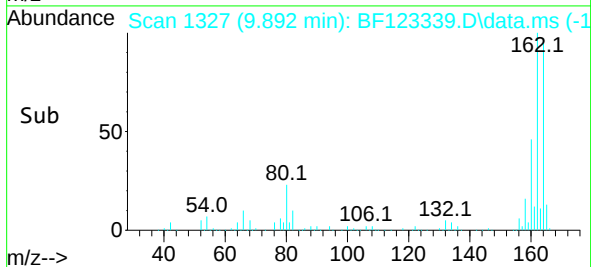
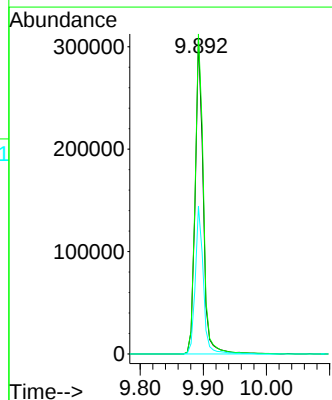
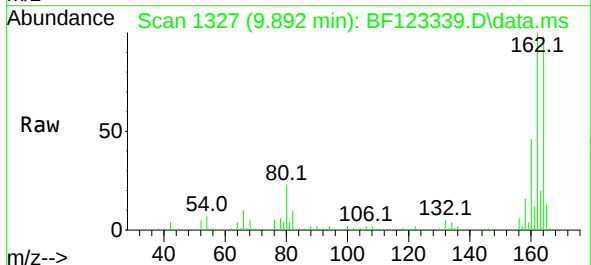
Instrument :
BNA_F
ClientSampleId :
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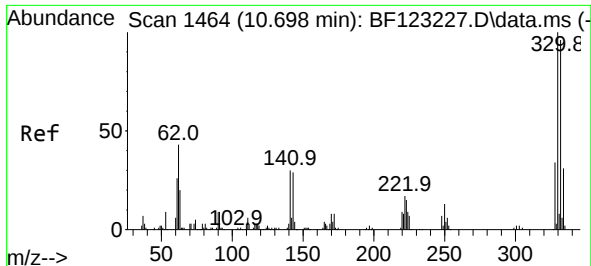
Tgt Ion: 82 Resp: 755371
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

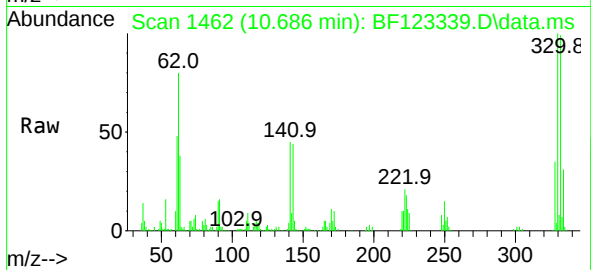
Tgt Ion: 164 Resp: 272080
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 46.9 35.4 53.0



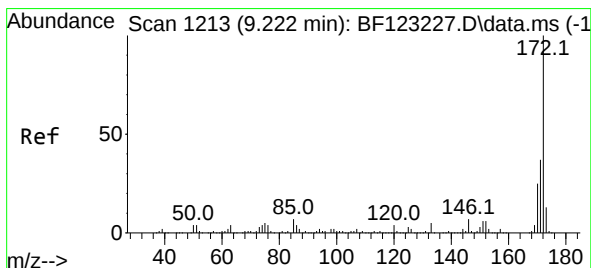
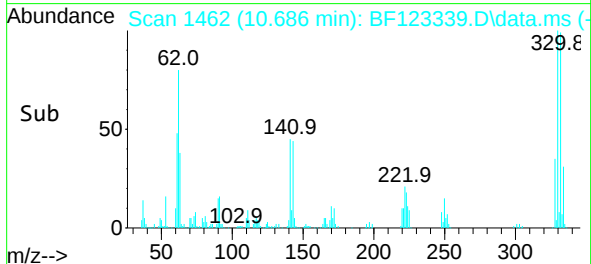
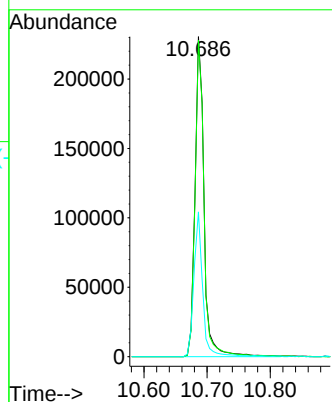


#42
2,4,6-Tribromophenol
Concen: 82.53 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

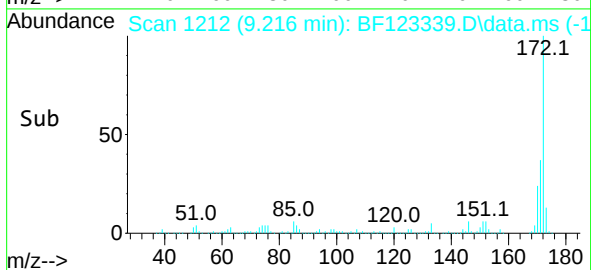
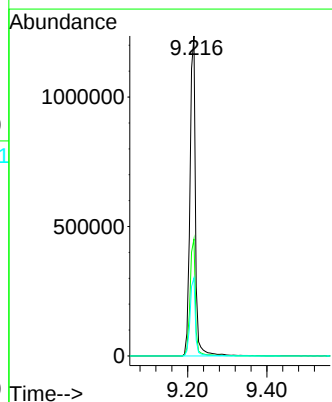
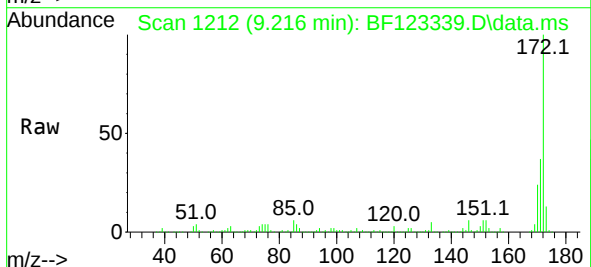


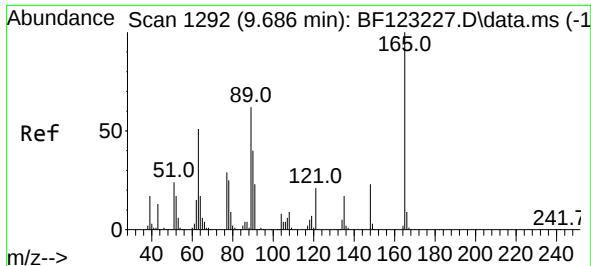
Tgt Ion: 330 Resp: 228644
Ion Ratio Lower Upper
330 100
332 98.1 77.5 116.3
141 44.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 63.39 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion: 172 Resp: 1200716
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.5 29.3

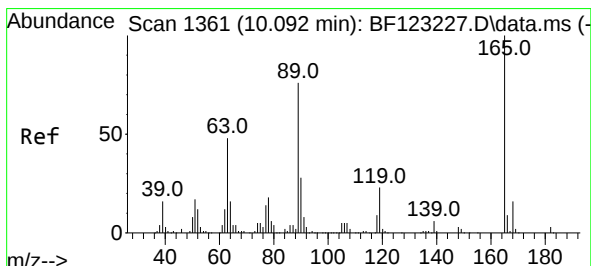
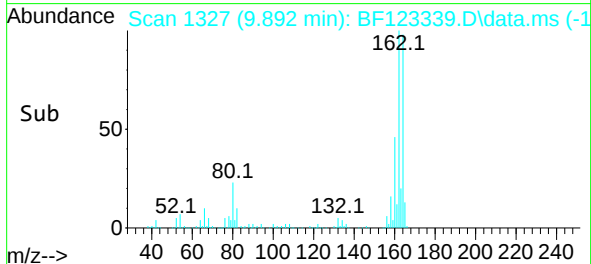
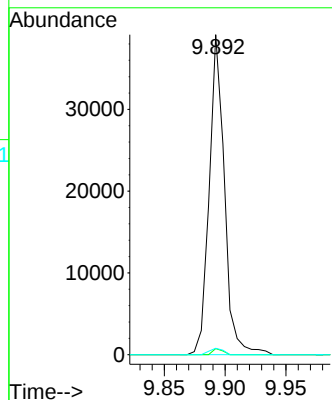
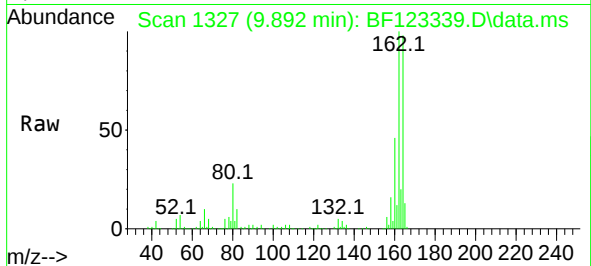




#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

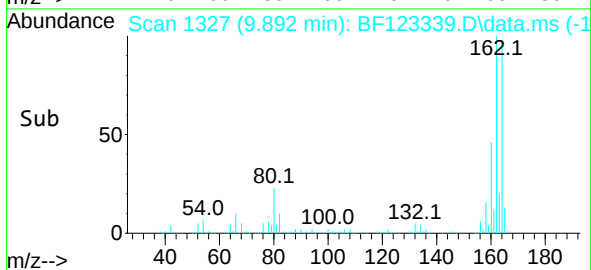
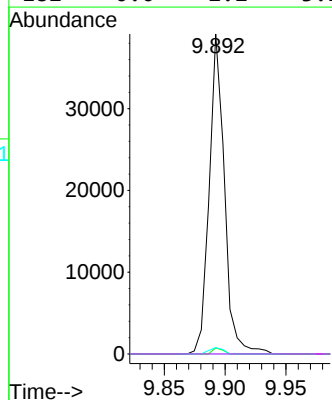
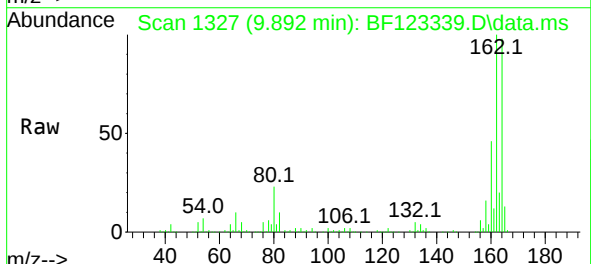
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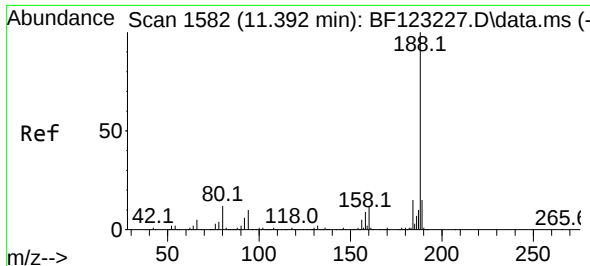
Tgt Ion:165 Resp: 34080
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 2.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion:165 Resp: 34080
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

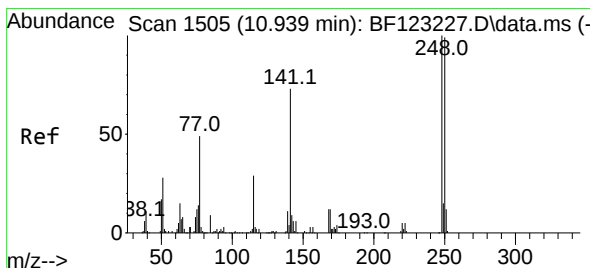
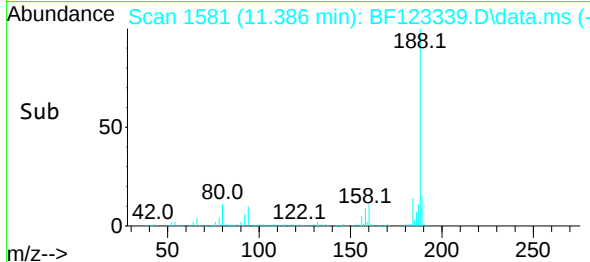
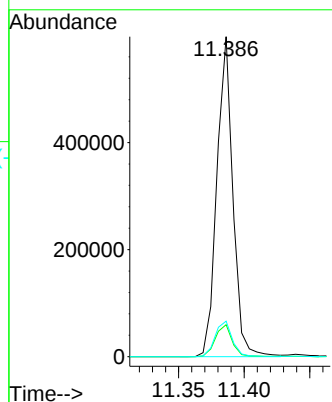
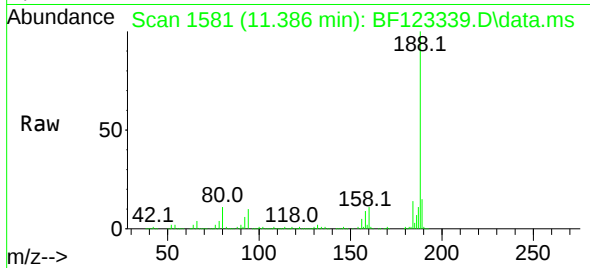




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

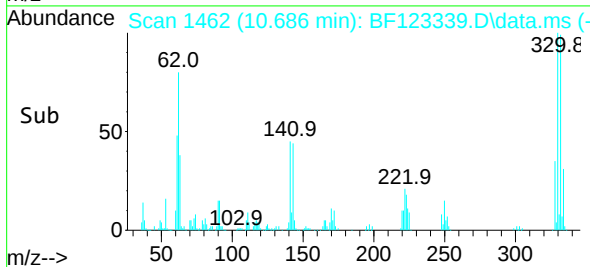
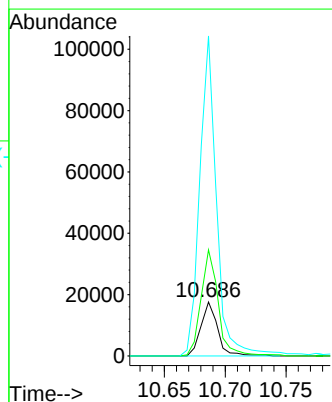
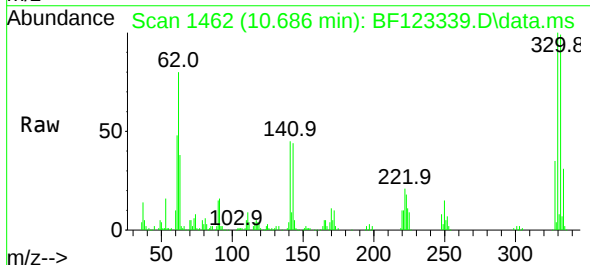
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

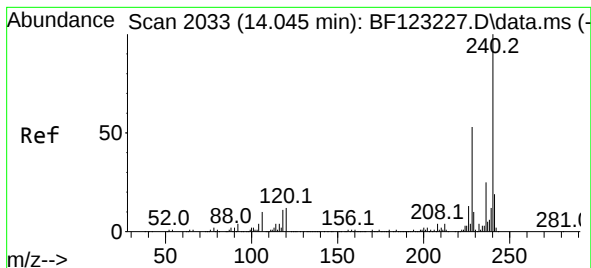
Tgt Ion:188 Resp: 507174
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Tgt Ion:248 Resp: 16842
Ion Ratio Lower Upper
248 100
250 196.4 76.8 115.2#
141 592.5 59.8 89.8#

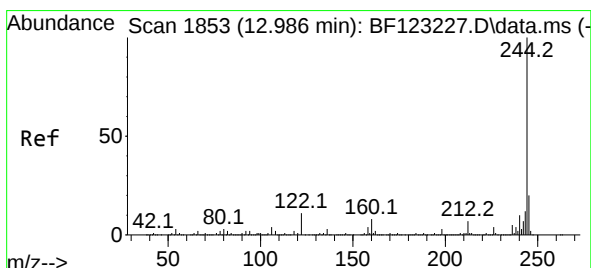
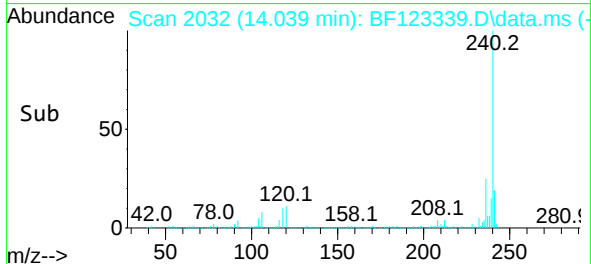
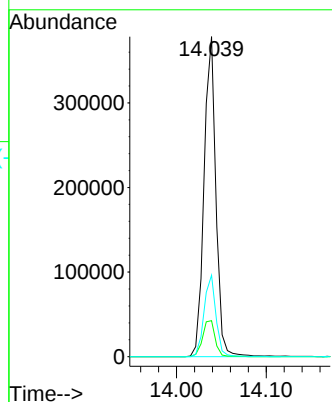
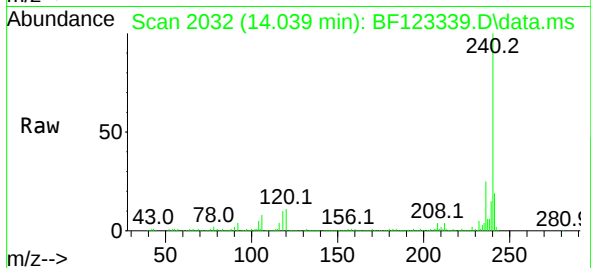




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

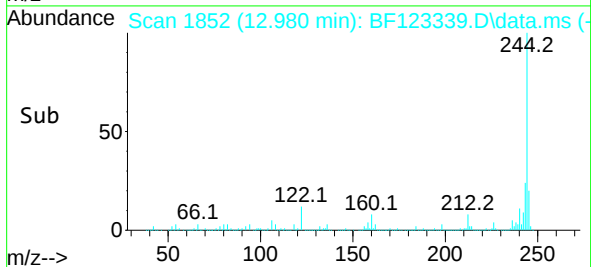
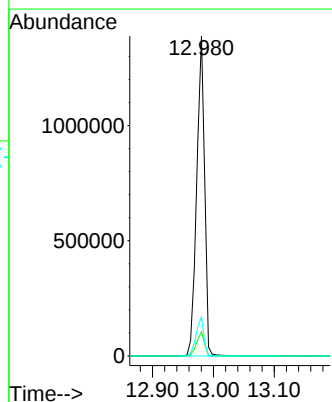
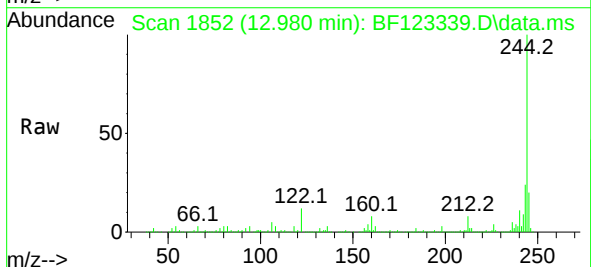
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

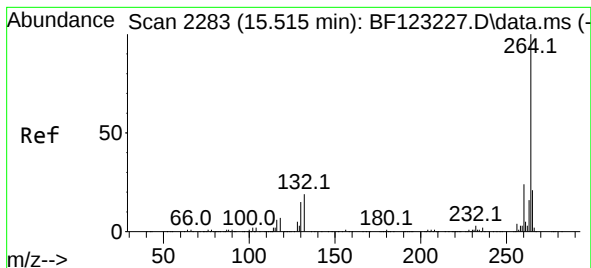
Tgt Ion:240 Resp: 347473
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 69.38 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

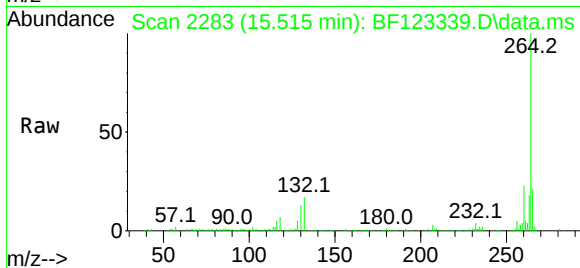
Tgt Ion:244 Resp: 1253698
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.2 8.3 12.5



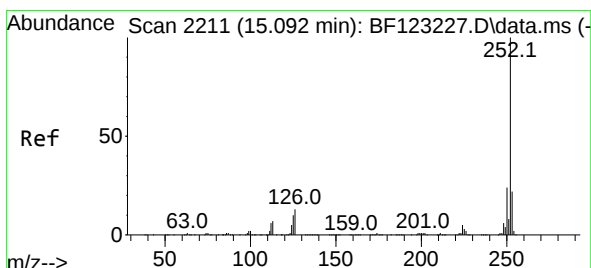
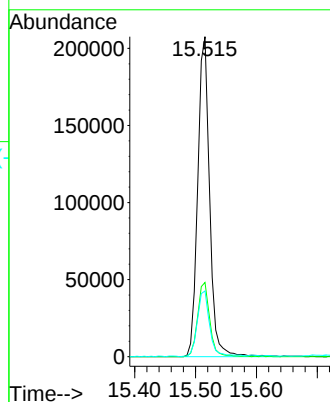
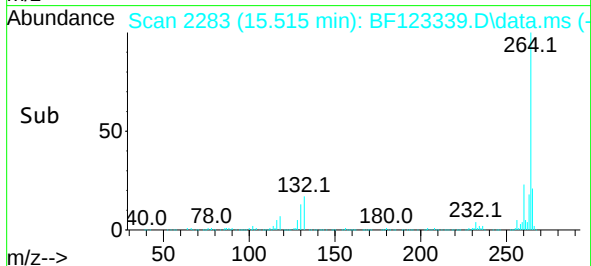


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

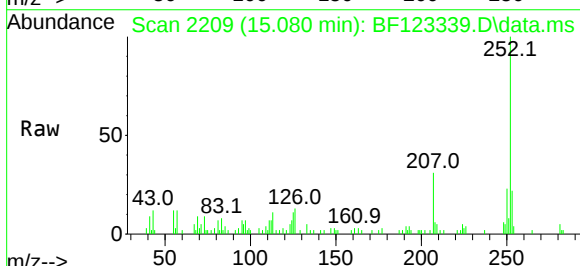
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



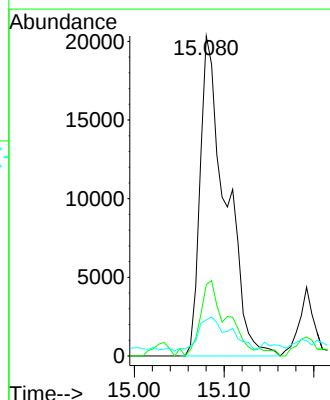
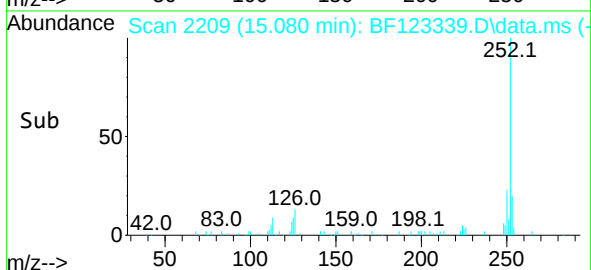
Tgt Ion:264 Resp: 280820
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 20.6 17.0 25.6

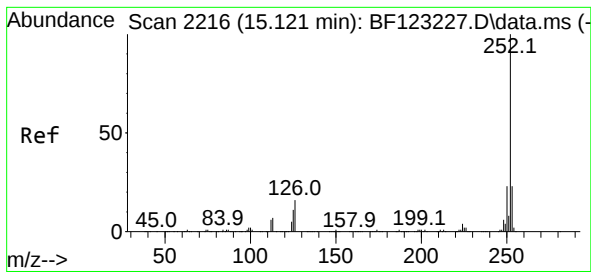


#88
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44



Tgt Ion:252 Resp: 40212
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 11.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 2.25 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF123339.D
Acq: 2 Mar 2021 16:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:252 Resp: 40212
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.3 8.4 12.6

