

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123214.D
 Acq On : 17 Feb 2021 16:09
 Operator : JU/CG
 Sample : M1422-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021621

Quant Time: Feb 17 16:59:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

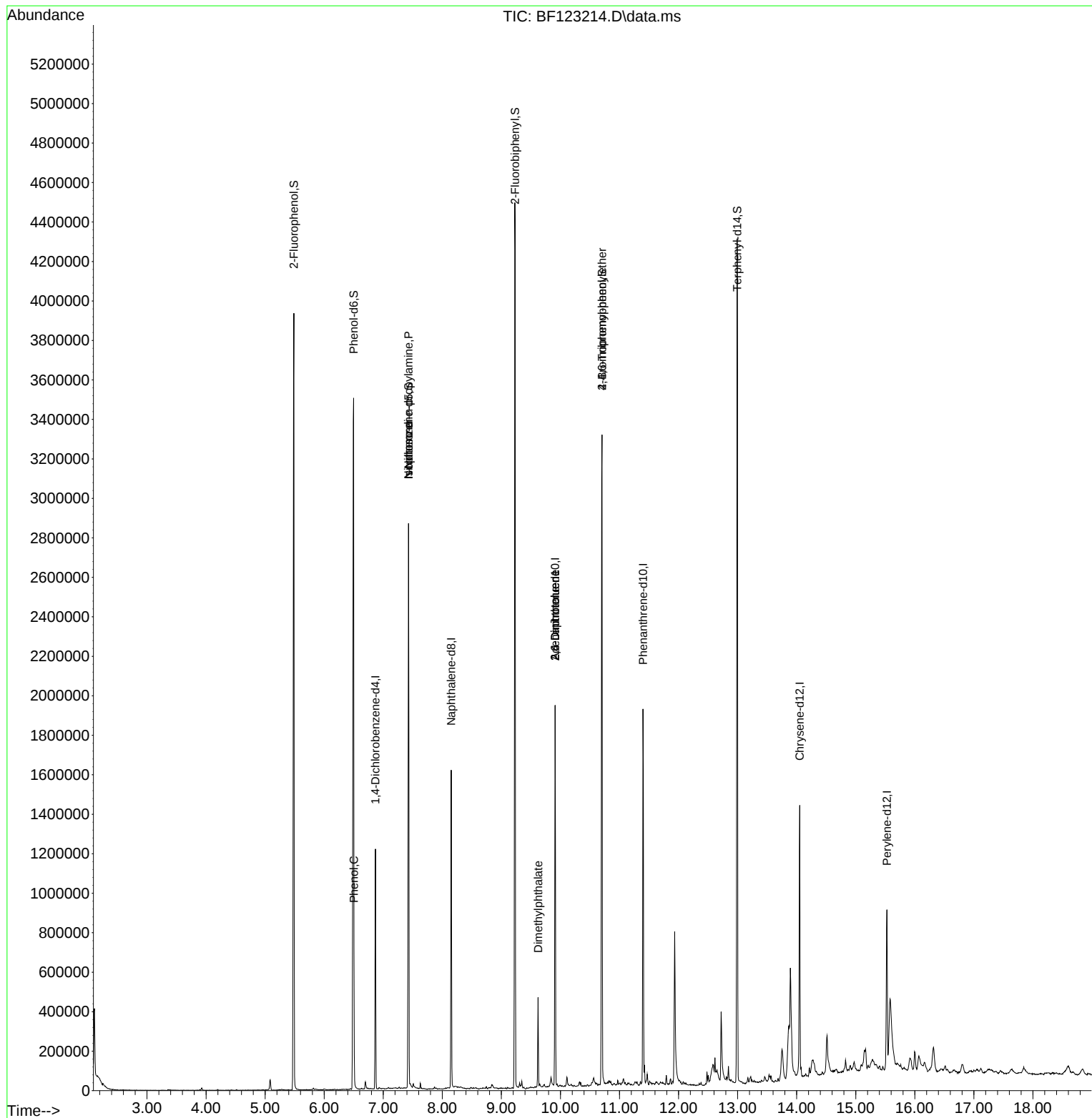
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	158560	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	630407	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	356400	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	654703	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	418590	20.00	ng	0.00
86) Perylene-d12	15.527	264	349332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1128989	107.93	ng	0.00
7) Phenol-d6	6.498	99	1364942	98.80	ng	0.00
23) Nitrobenzene-d5	7.428	82	897243	74.79	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	374200	97.22	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1417543	59.44	ng	0.00
79) Terphenyl-d14	12.992	244	1350472	64.66	ng	0.00
Target Compounds						
10) Phenol	6.504	94	53250	3.51	ng	Qvalue 98
19) n-Nitroso-di-n-propyla...	7.428	70	120549	15.22	ng	# 80
25) Isophorone	7.428	82	897383	40.28	ng	# 65
50) Dimethylphthalate	9.622	163	150258	5.82	ng	99
51) 2,6-Dinitrotoluene	9.910	165	46288	7.45	ng	# 31
57) 2,4-Dinitrotoluene	9.910	165	46288	5.52	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	25337	3.64	ng	# 1

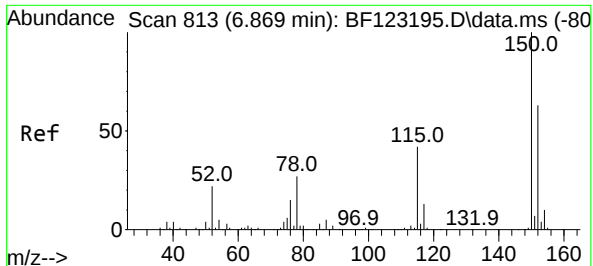
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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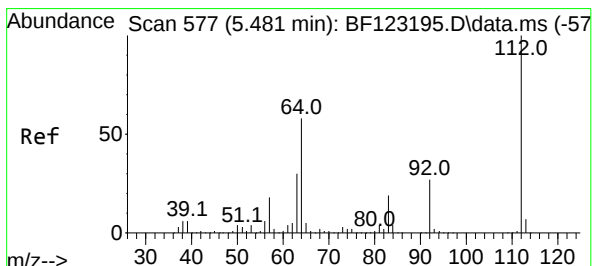
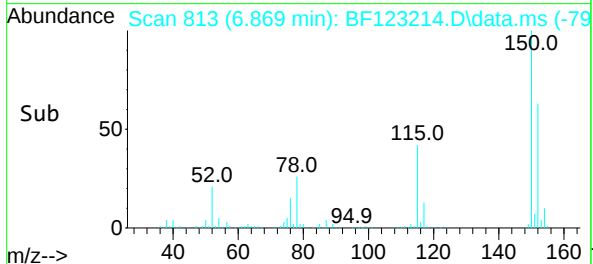
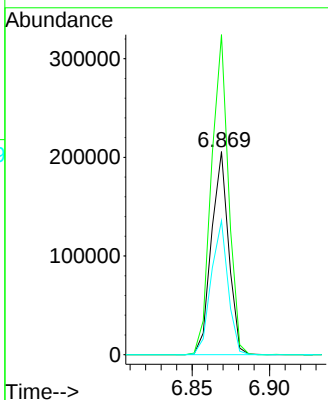
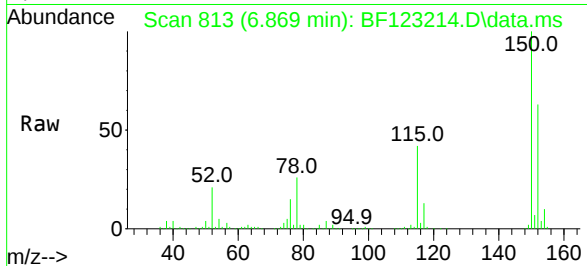




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

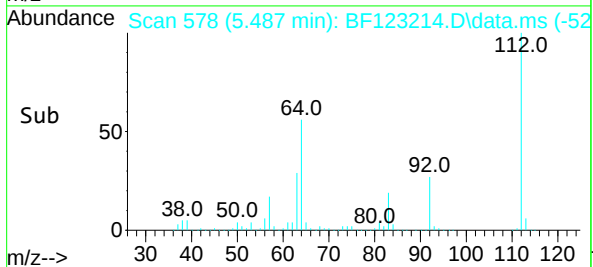
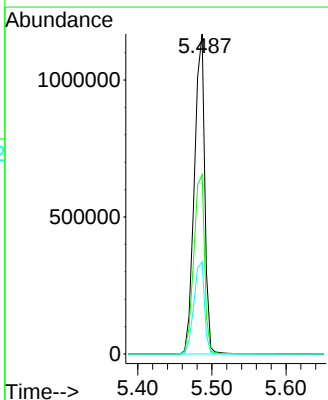
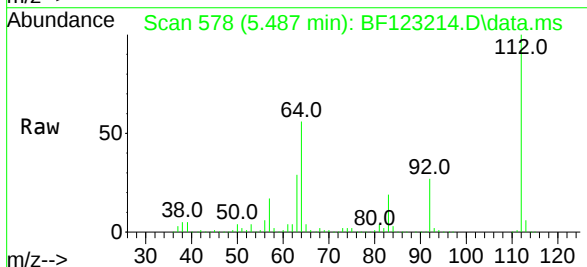
Instrument :
BNA_F
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BU-03-021621

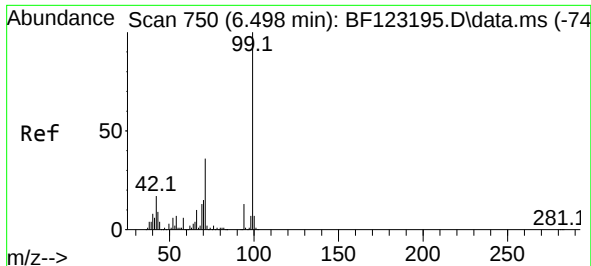
Tgt Ion:152 Resp: 158560
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 65.9 49.3 73.9



#5
2-Fluorophenol
Concen: 107.93 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion:112 Resp: 1128989
Ion Ratio Lower Upper
112 100
64 56.1 46.9 70.3
63 28.8 24.5 36.7

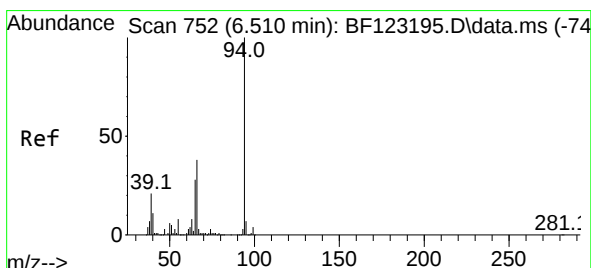
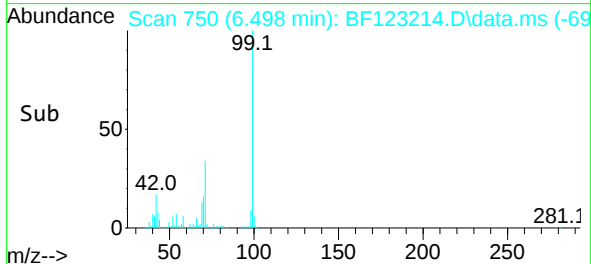
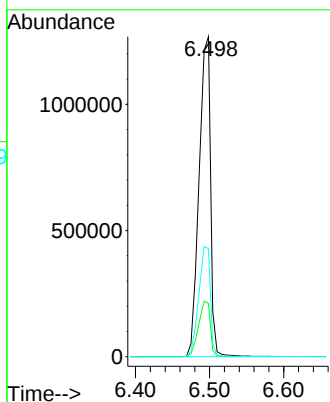
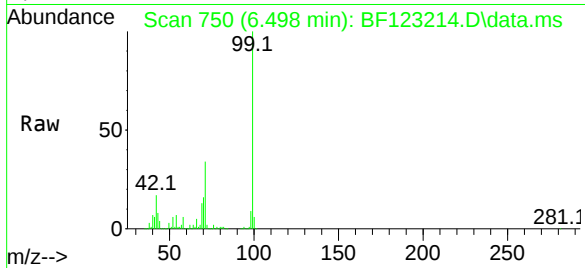




#7
Phenol-d6
Concen: 98.80 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

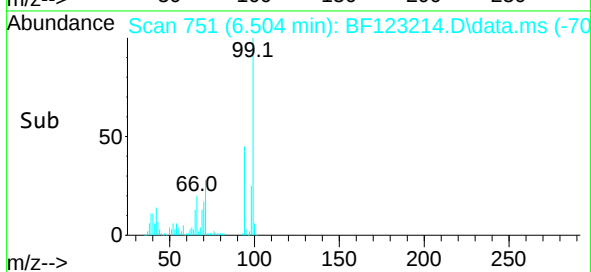
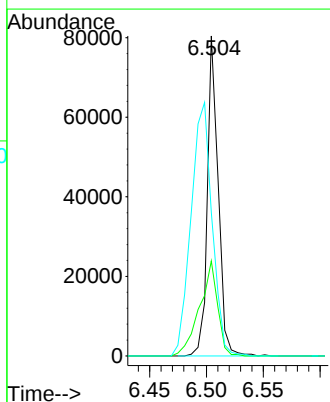
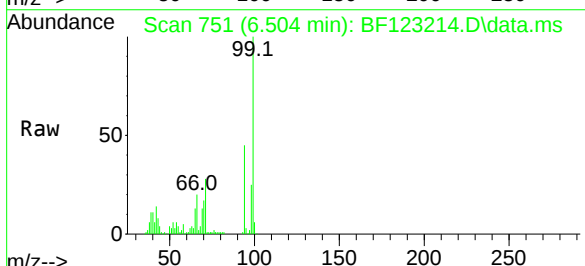
Instrument :
BNA_F
ClientSampleId :
BU-03-021621

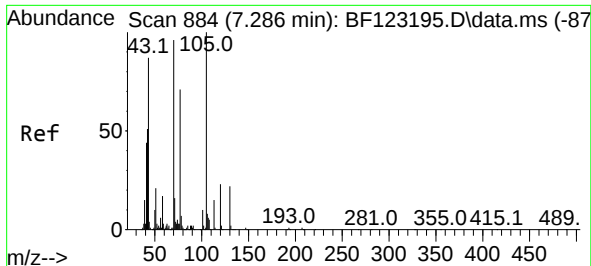
Tgt Ion: 99 Resp: 1364942
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 33.8 26.9 40.3



#10
Phenol
Concen: 3.51 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion: 94 Resp: 53250
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 44.9 25.8 65.8

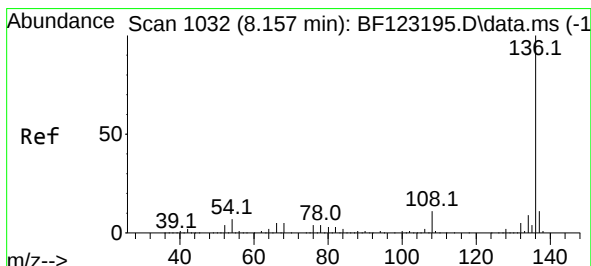
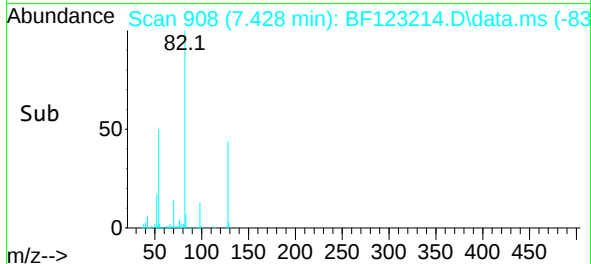
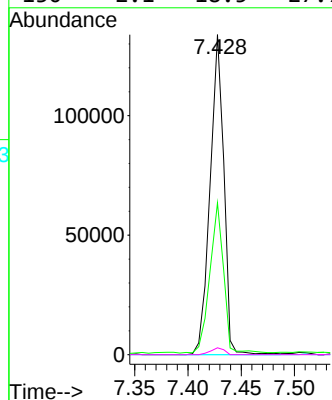
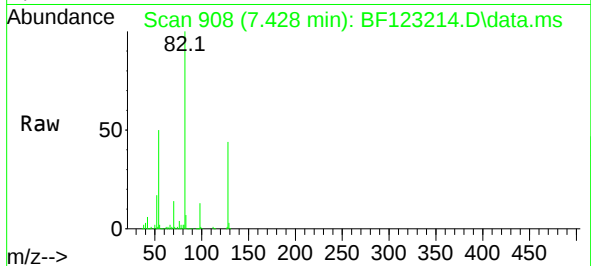




#19
n-Nitroso-di-n-propylamine
Concen: 15.22 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

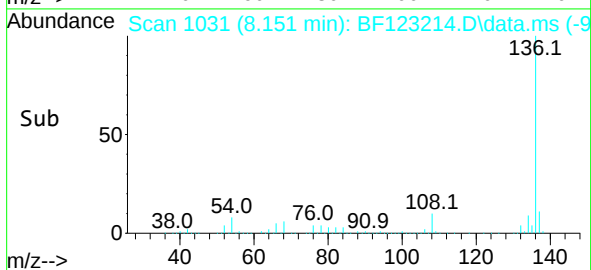
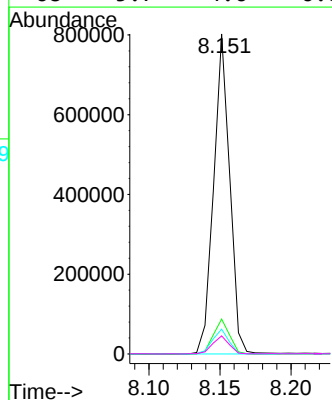
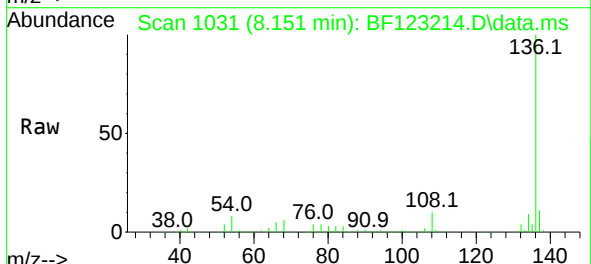
Instrument :
BNA_F
ClientSampleId :
BU-03-021621

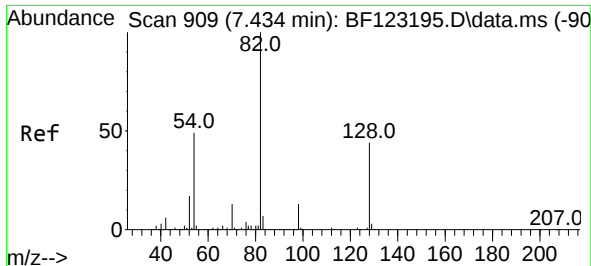
Tgt Ion: 70 Resp: 120549
Ion Ratio Lower Upper
70 100
42 47.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion: 136 Resp: 630407
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 5.5 8.3
68 5.7 4.6 6.8

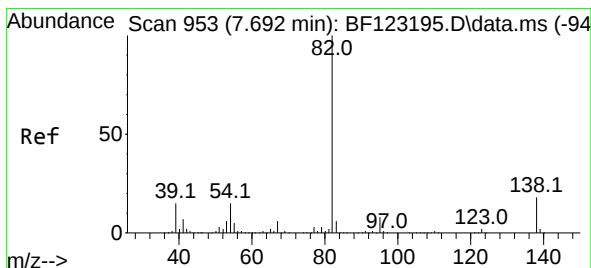
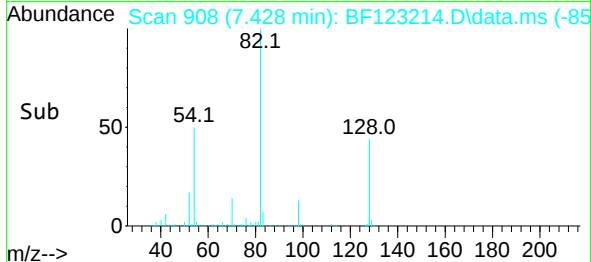
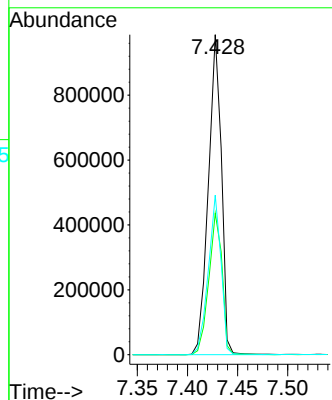
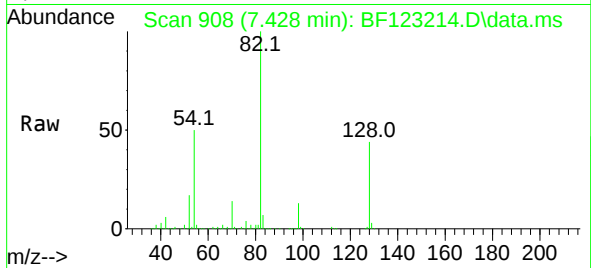




#23
Nitrobenzene-d5
Concen: 74.79 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

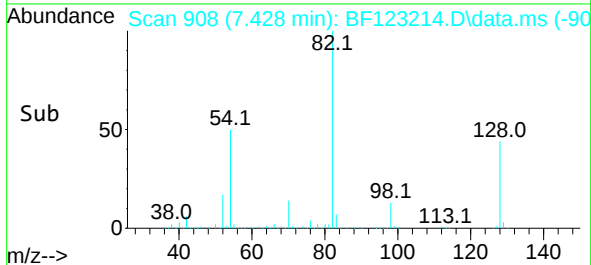
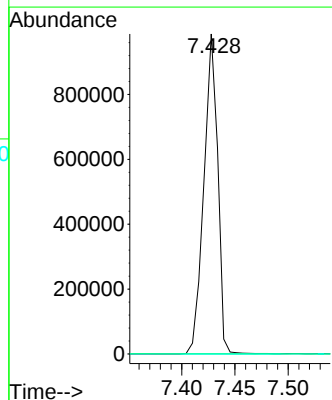
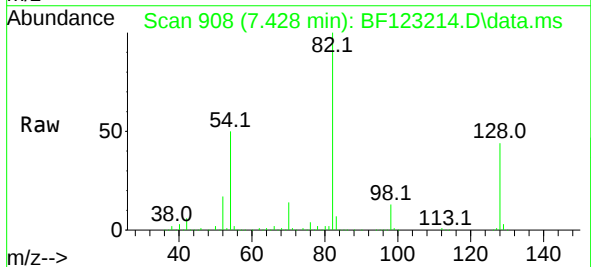
Instrument :
BNA_F
ClientSampleId :
BU-03-021621

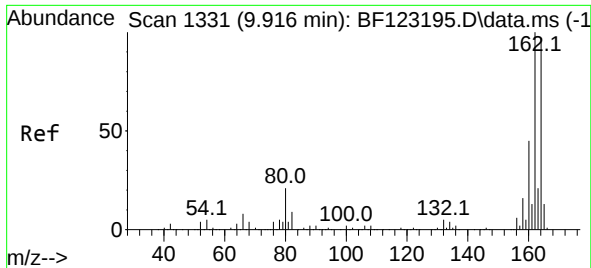
Tgt Ion: 82 Resp: 897243
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.4
54 49.9 38.4 57.6



#25
Isophorone
Concen: 40.28 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion: 82 Resp: 897383
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

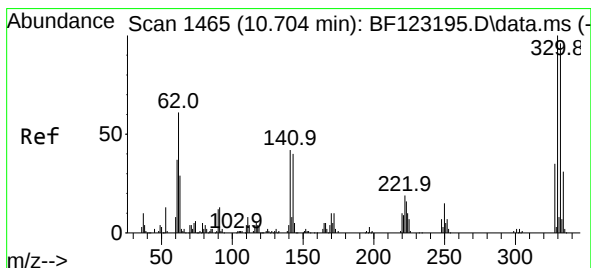
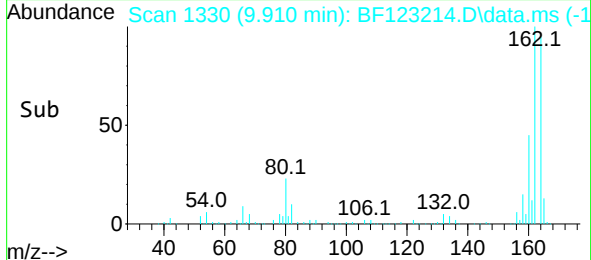
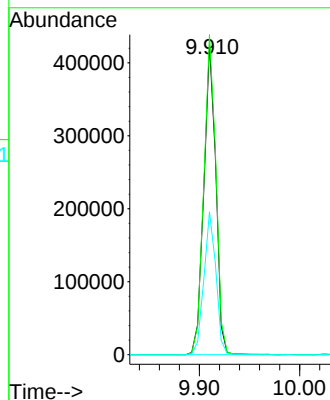
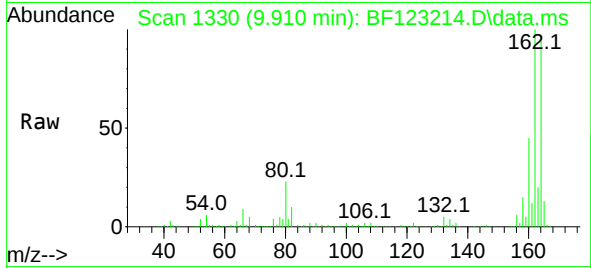




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

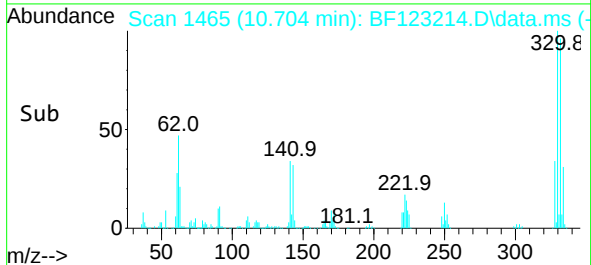
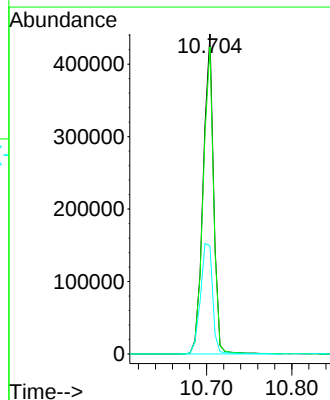
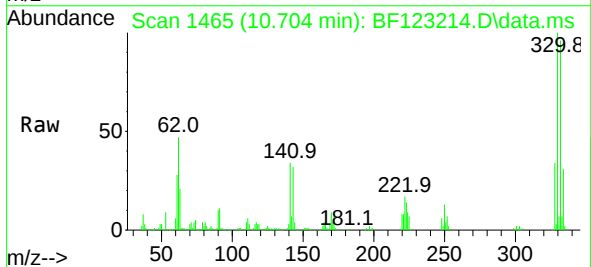
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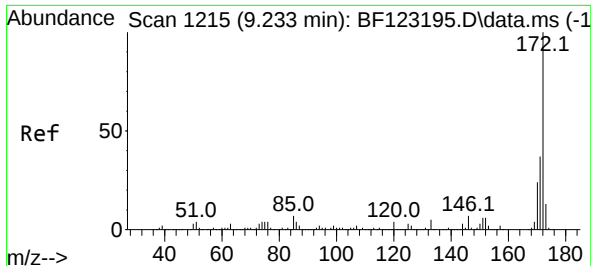
Tgt Ion:164 Resp: 356400
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 46.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 97.22 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion:330 Resp: 374200
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 40.6 23.8 35.8#

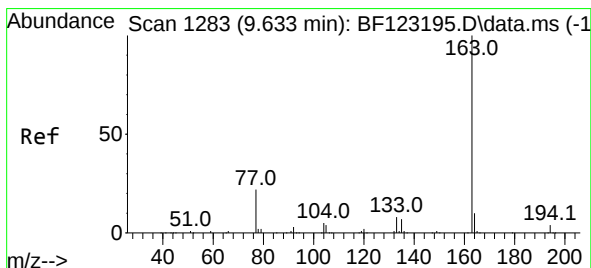
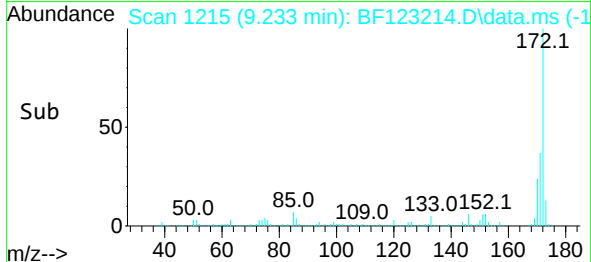
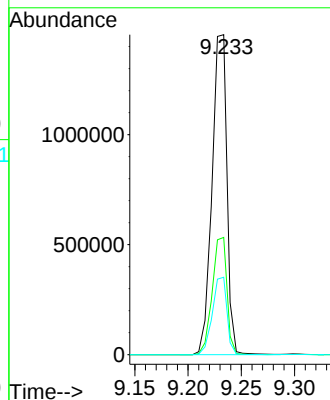
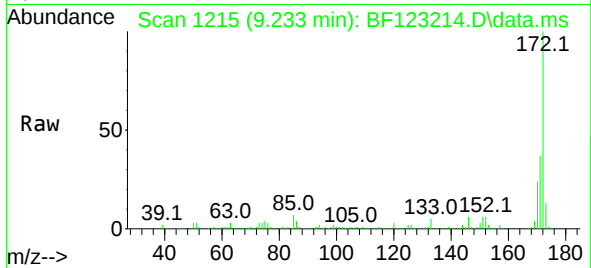




#45
2-Fluorobiphenyl
Concen: 59.44 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

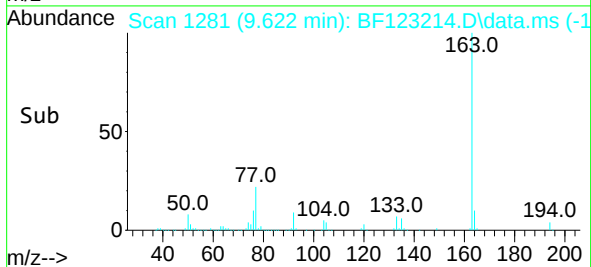
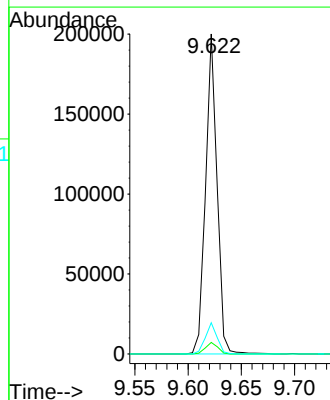
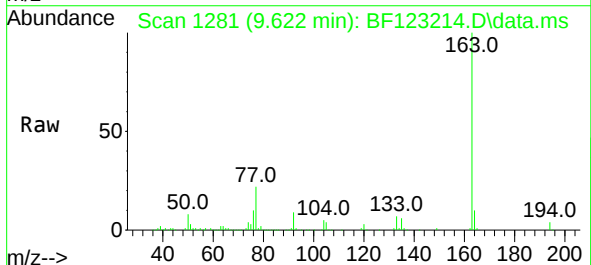
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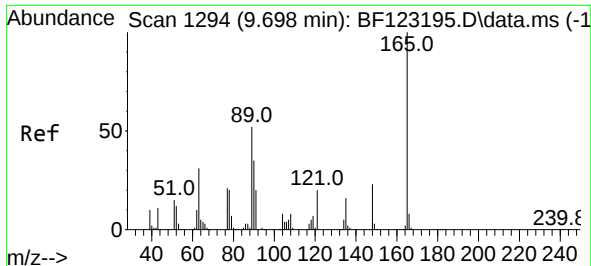
Tgt Ion:172 Resp: 1417543
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 5.82 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion:163 Resp: 150258
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.7 8.1 12.1

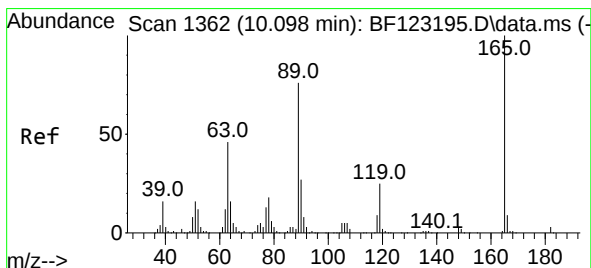
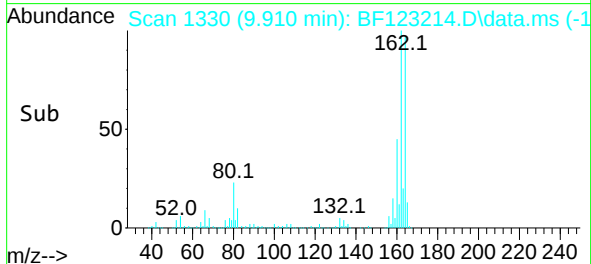
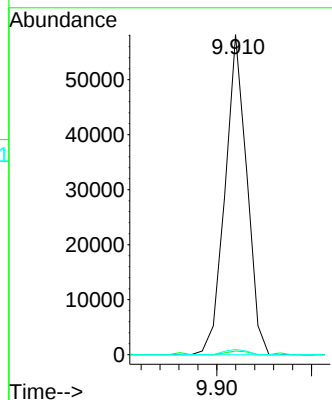
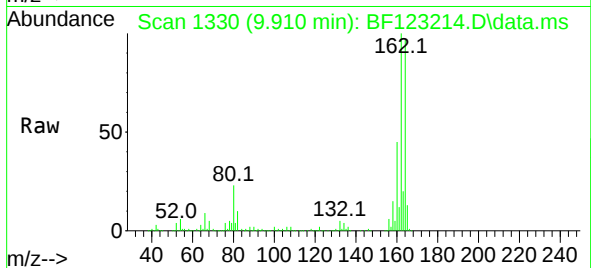




#51
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

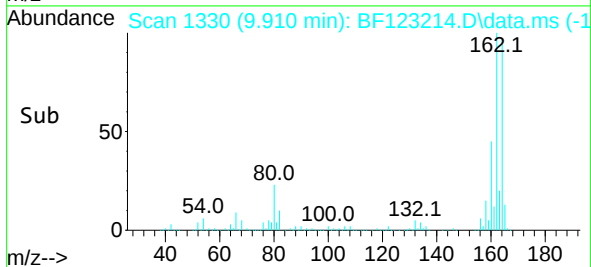
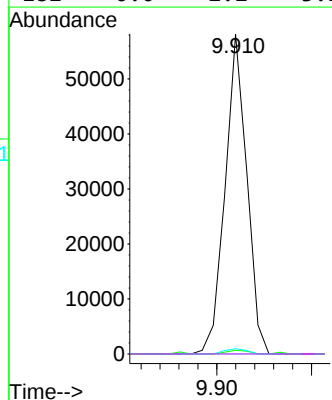
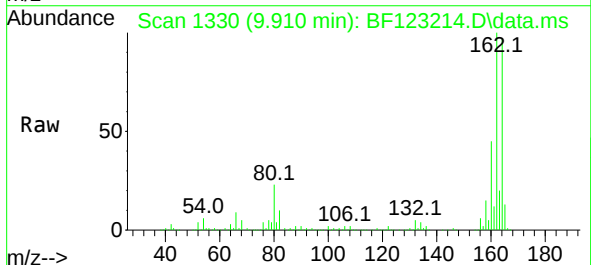
Instrument :
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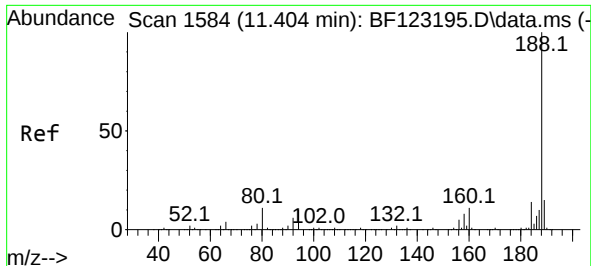
Tgt Ion:165 Resp: 46288
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion:165 Resp: 46288
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

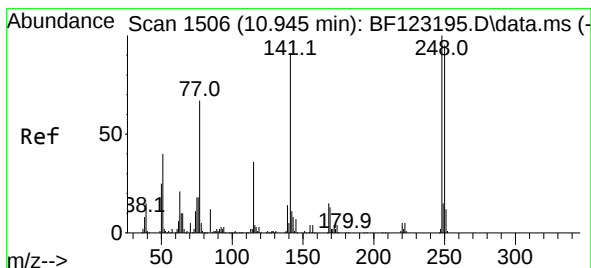
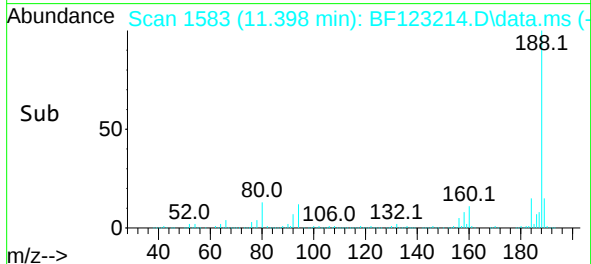
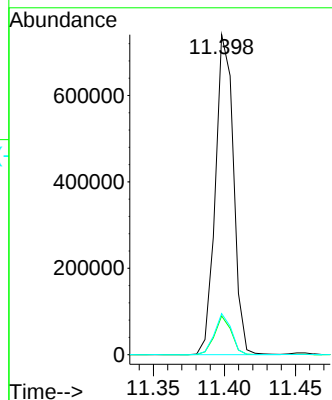
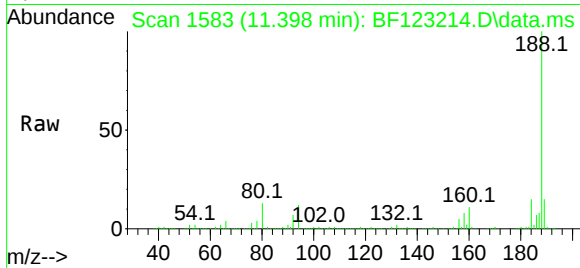




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

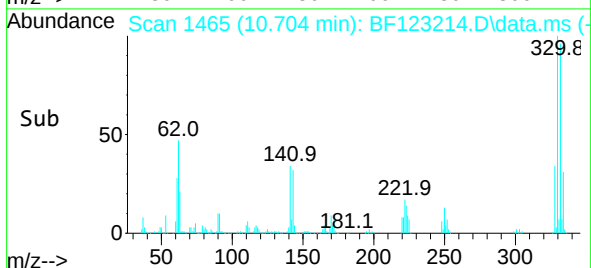
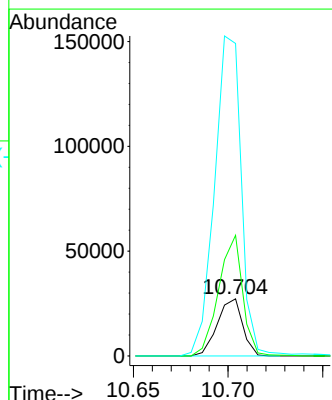
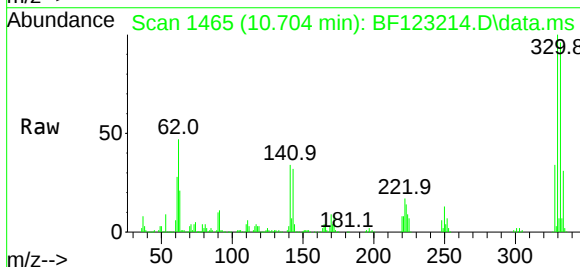
Instrument :
BNA_F
ClientSampleId :
BU-03-021621

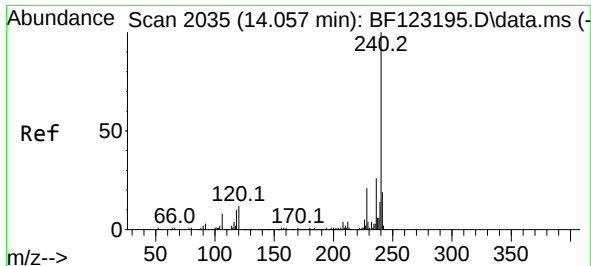
Tgt Ion:188 Resp: 654703
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.9 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Tgt Ion:248 Resp: 25337
Ion Ratio Lower Upper
248 100
250 211.0 76.8 115.2#
141 546.2 59.8 89.8#

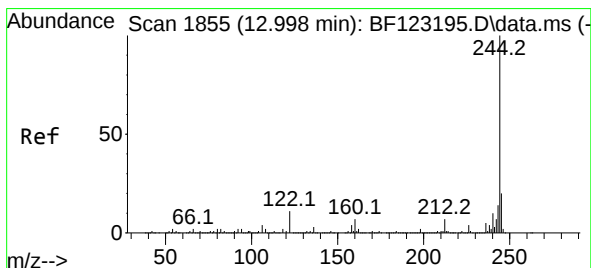
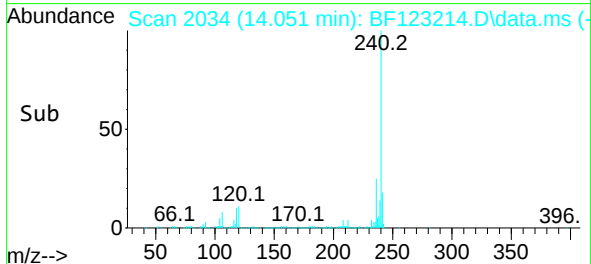
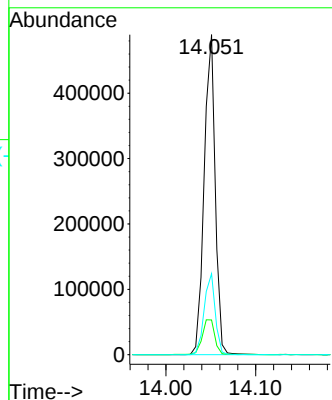
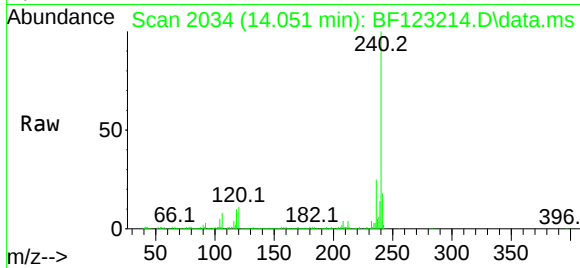




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

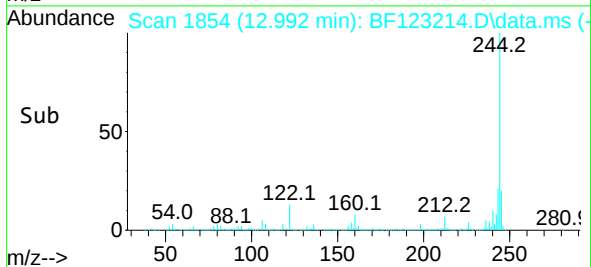
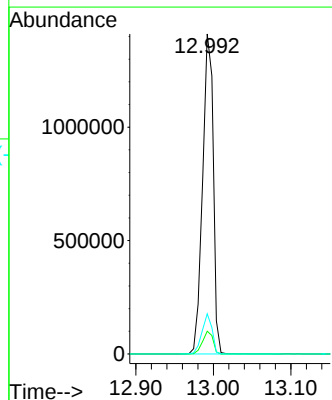
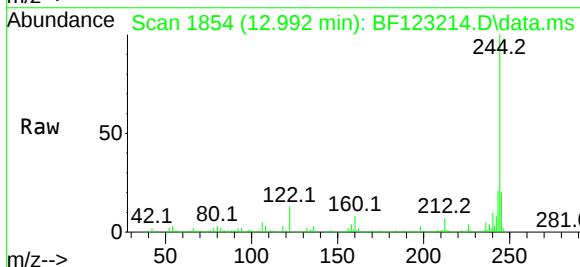
Instrument :
BNA_F
ClientSampleId :
BU-03-021621

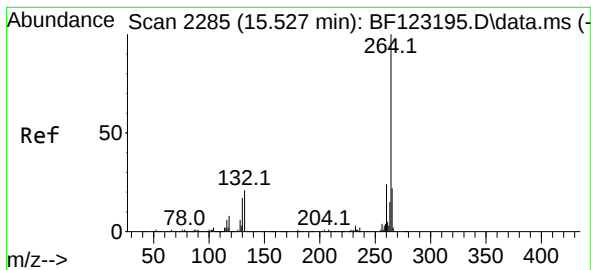
Tgt Ion:240 Resp: 418590
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 64.66 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

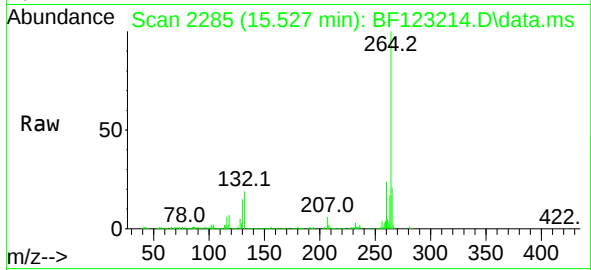
Tgt Ion:244 Resp: 1350472
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.6 8.3 12.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF123214.D
Acq: 17 Feb 2021 16:09

Instrument :
BNA_F
ClientSampleId :
BU-03-021621



Tgt Ion:264 Resp: 349332

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.2	17.0	25.6

