

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123827.D
 Acq On : 5 May 2021 14:56
 Operator : JU/CG
 Sample : M2275-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-020

Quant Time: May 05 15:19:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

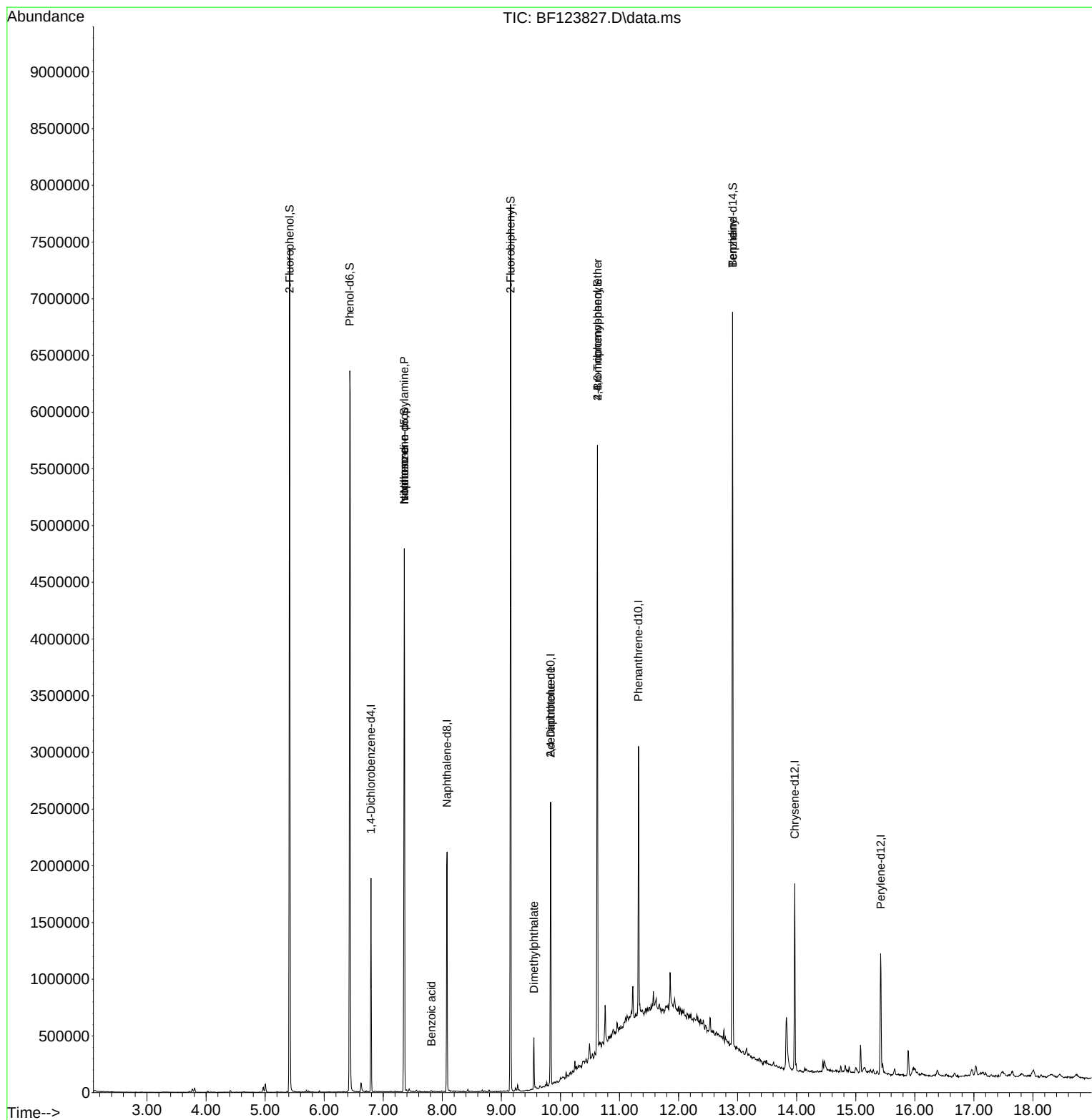
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	222839	20.00	ng	0.00
21) Naphthalene-d8	8.080	136	869511	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	433175	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	821133	20.00	ng	0.00
76) Chrysene-d12	13.968	240	544623	20.00	ng	0.00
86) Perylene-d12	15.421	264	478312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1631717	116.01	ng	0.00
7) Phenol-d6	6.434	99	2143811	110.64	ng	0.00
23) Nitrobenzene-d5	7.357	82	1475402	76.60	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	597797	110.86	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2198986	73.93	ng	0.00
79) Terphenyl-d14	12.915	244	2096361	74.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	203905	17.04	ng	Qvalue
25) Isophorone	7.357	82	1469913	40.70	ng	# 75
32) Benzoic acid	7.816	122	125	5.40	ng	# 69
50) Dimethylphthalate	9.551	163	143922	4.72	ng	# 26
57) 2,4-Dinitrotoluene	9.833	165	56192	5.84	ng	# 97
67) 4-Bromophenyl-phenylether	10.627	248	35307	4.08	ng	# 17
77) Benzidine	12.915	184	31584	2.24	ng	# 1

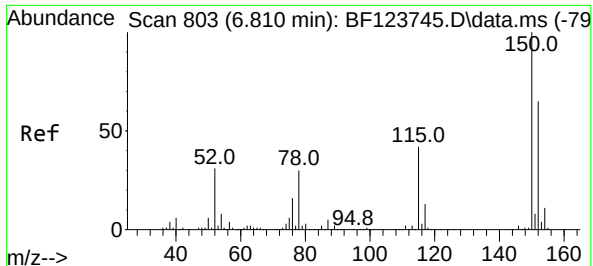
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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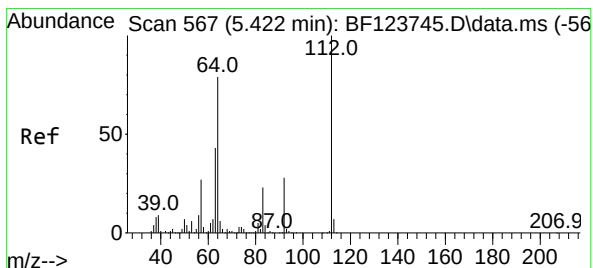
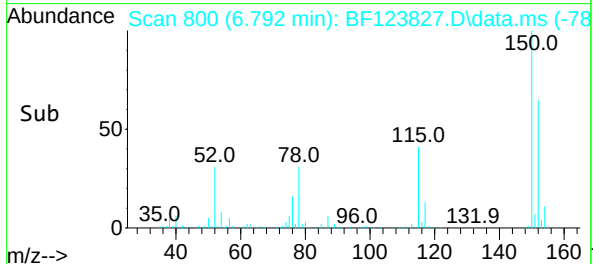
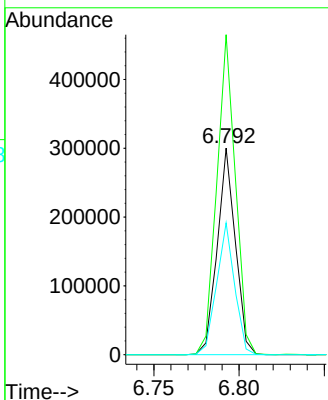
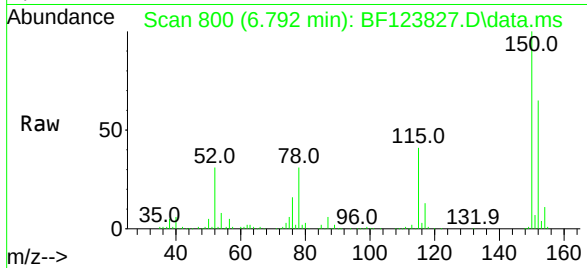




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

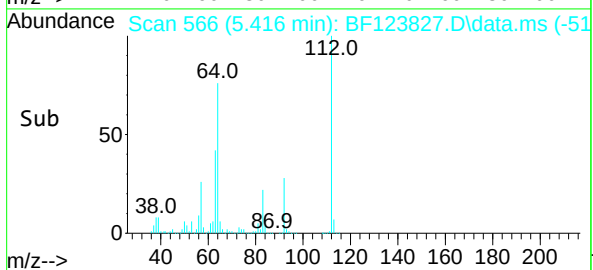
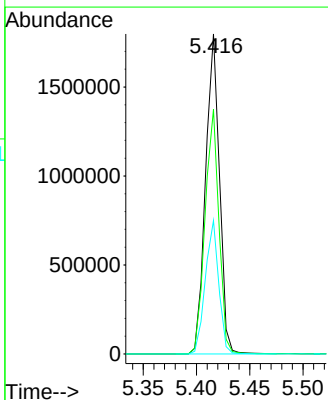
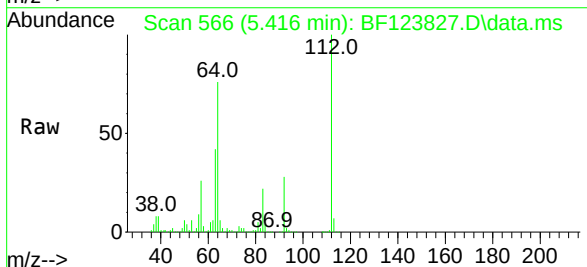
Instrument :
BNA_F
ClientSampleId :
CRT-020

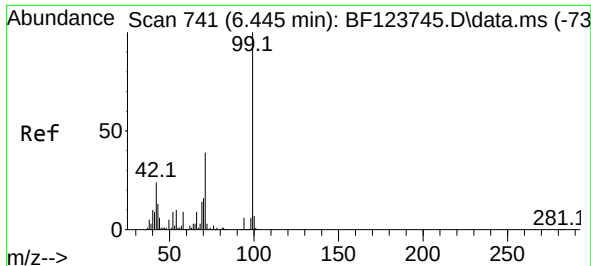
Tgt Ion:152 Resp: 222839
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 63.8 54.3 81.5



#5
2-Fluorophenol
Concen: 116.01 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:112 Resp: 1631717
Ion Ratio Lower Upper
112 100
64 76.5 61.4 92.0
63 41.7 33.0 49.4

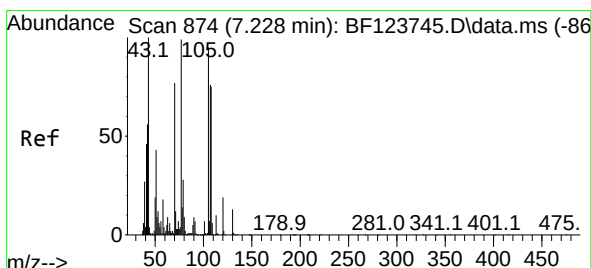
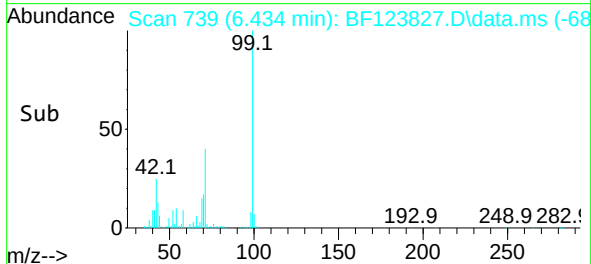
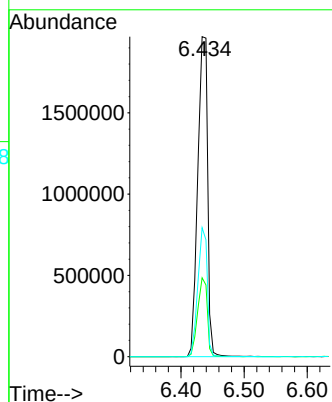
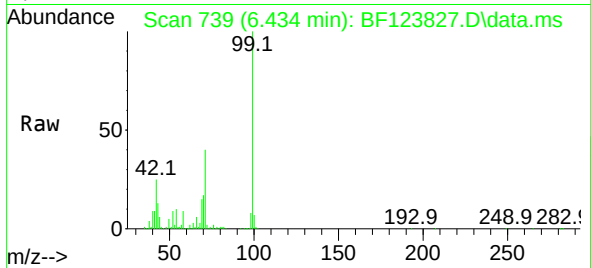




#7
Phenol-d6
Concen: 110.64 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

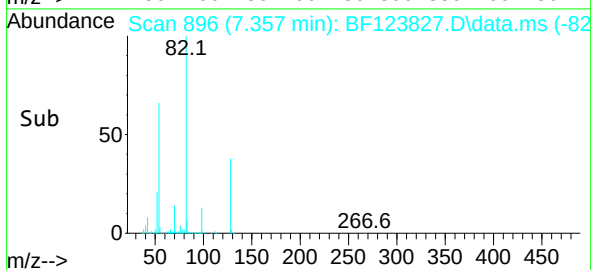
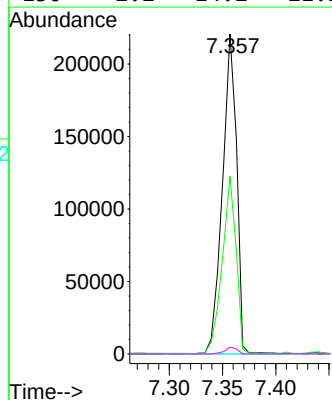
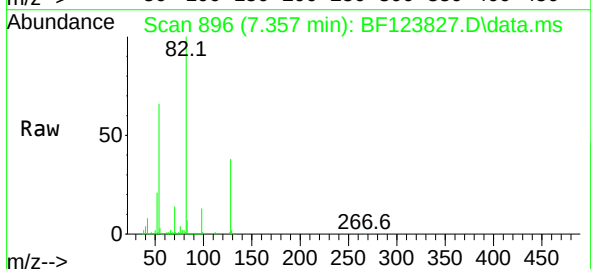
Instrument :
BNA_F
ClientSampleId :
CRT-020

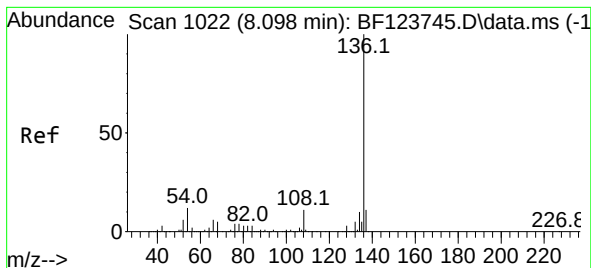
Tgt Ion: 99 Resp: 2143811
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 40.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion: 70 Resp: 203905
Ion Ratio Lower Upper
70 100
42 55.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#



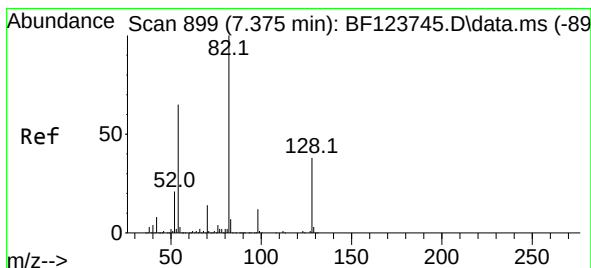
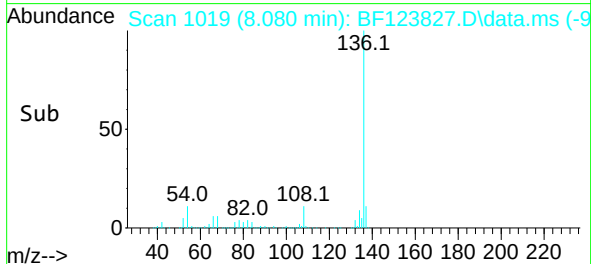
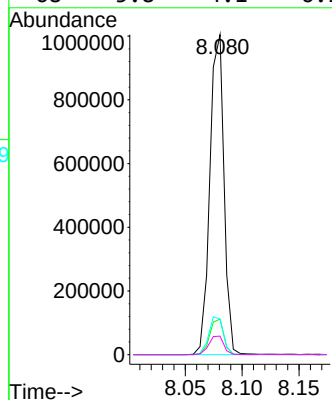
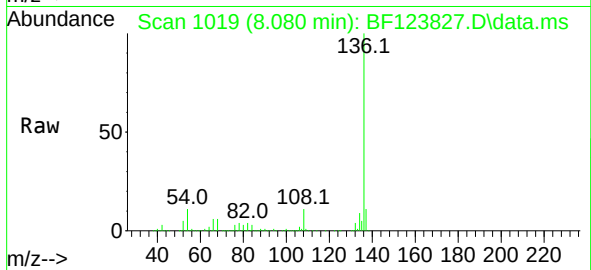


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Instrument :
BNA_F
ClientSampleId :
CRT-020

Tgt Ion:136 Resp: 869511

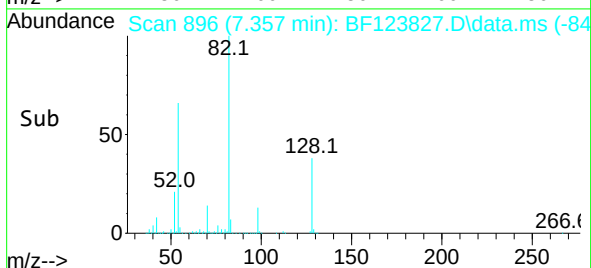
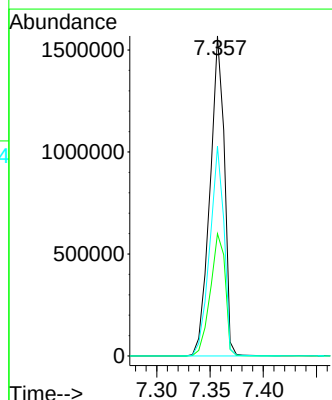
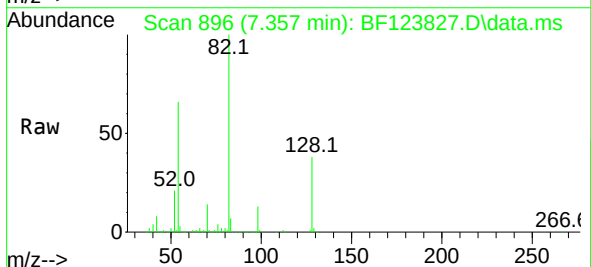
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.2	9.8	14.6
68	5.8	4.1	6.1

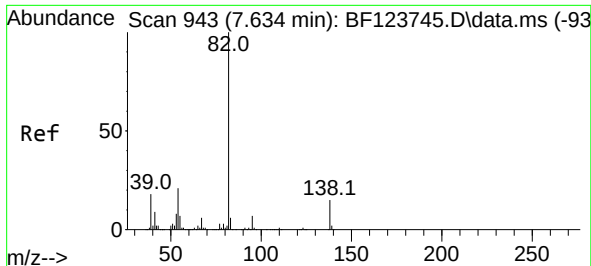


#23
Nitrobenzene-d5
Concen: 76.60 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion: 82 Resp: 1475402

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	65.5	54.1	81.1

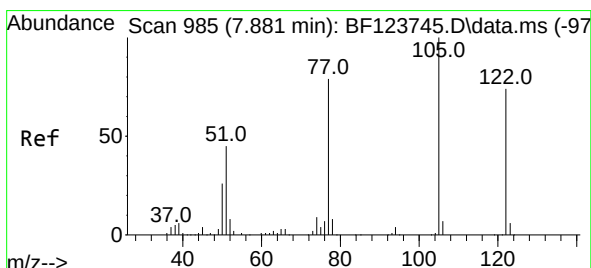
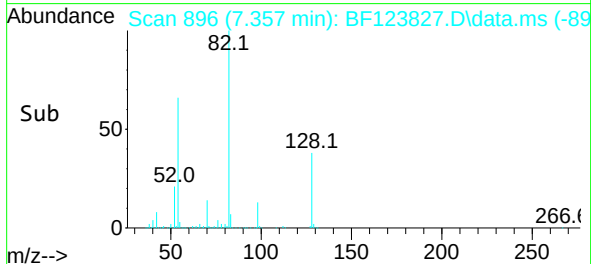
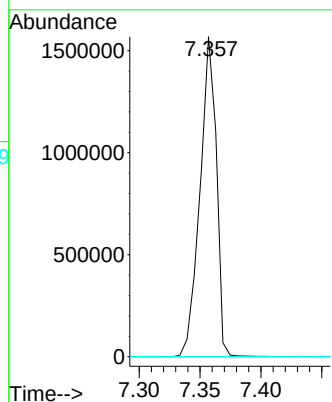
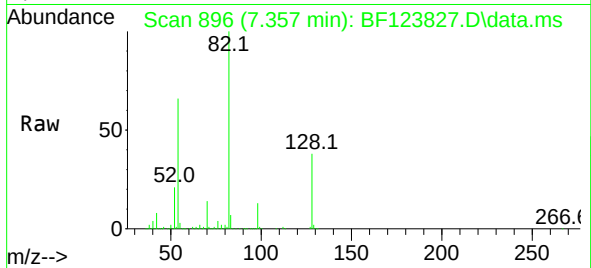




#25
Isophorone
Concen: 40.70 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

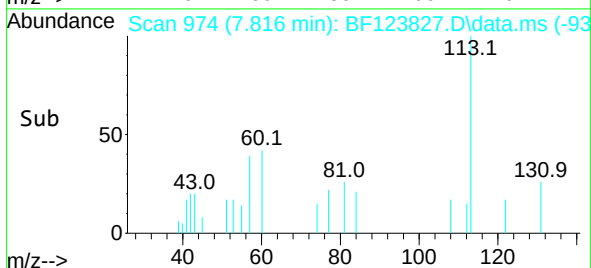
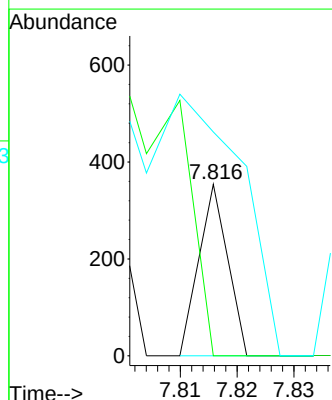
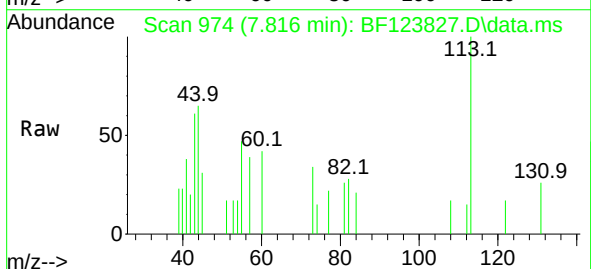
Instrument :
BNA_F
ClientSampleId :
CRT-020

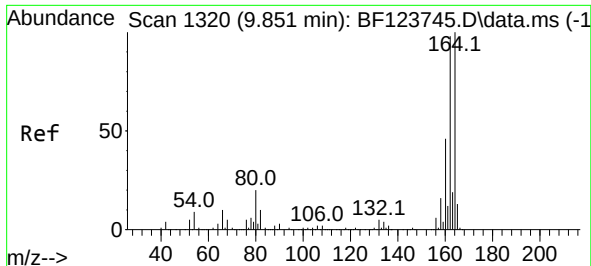
Tgt Ion: 82 Resp: 1469913
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.059 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 130.5 81.6 121.6#

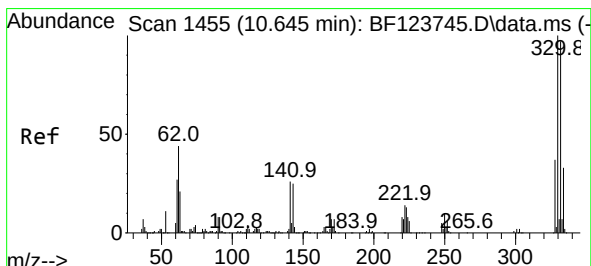
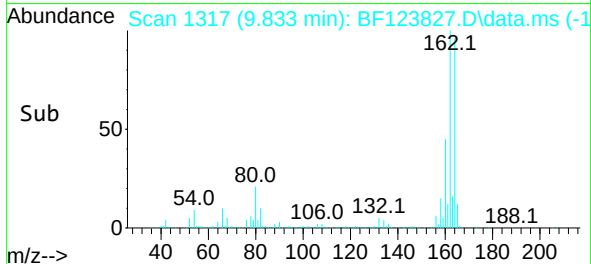
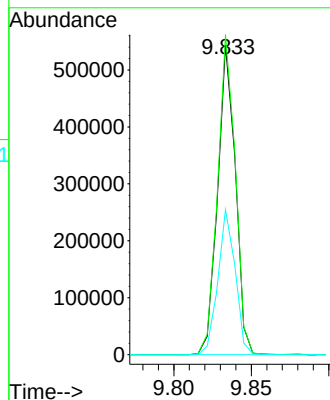
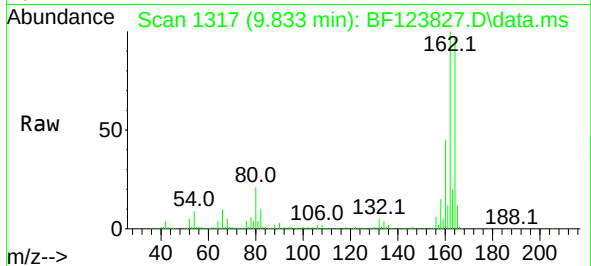




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

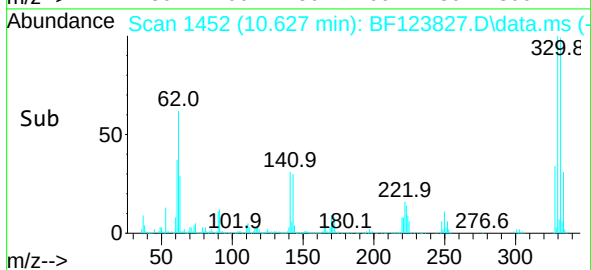
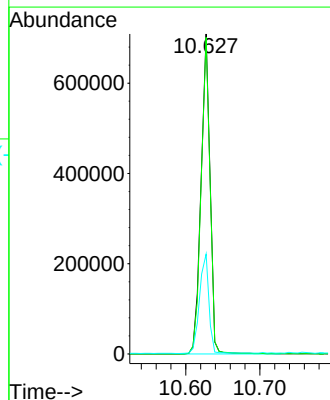
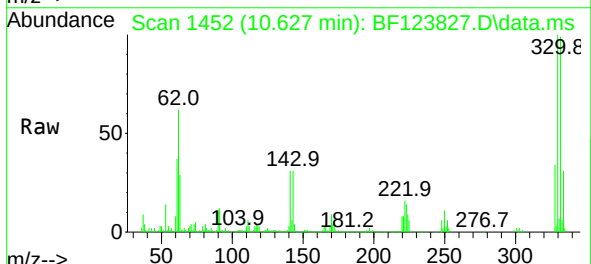
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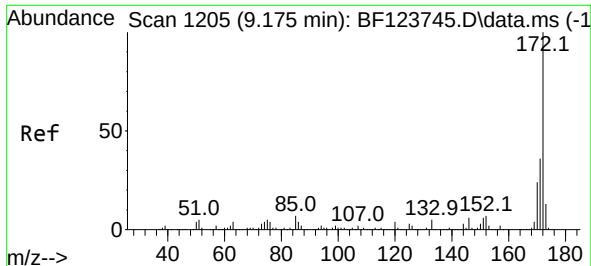
Tgt Ion:164 Resp: 433175
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 46.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 110.86 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:330 Resp: 597797
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 32.4 27.9 41.9

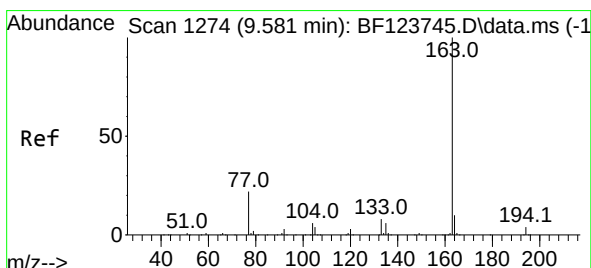
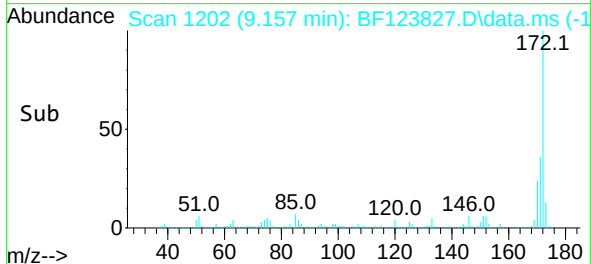
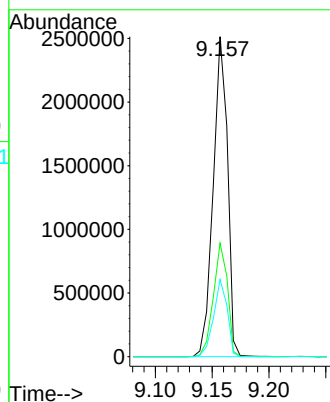
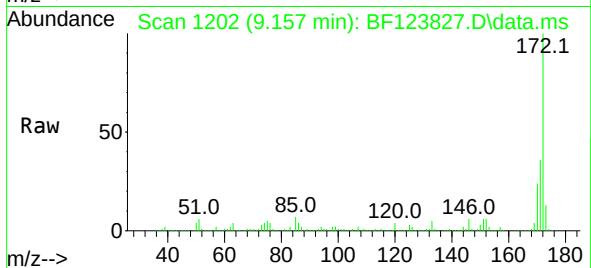




#45
2-Fluorobiphenyl
Concen: 73.93 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

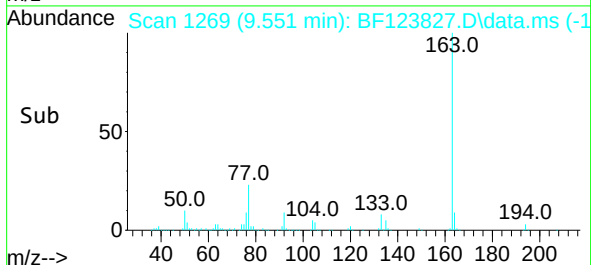
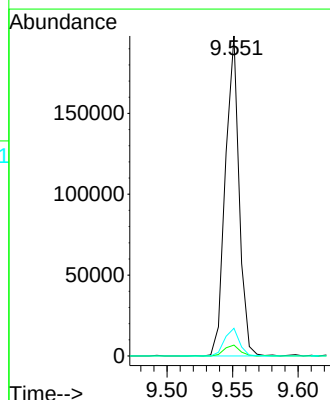
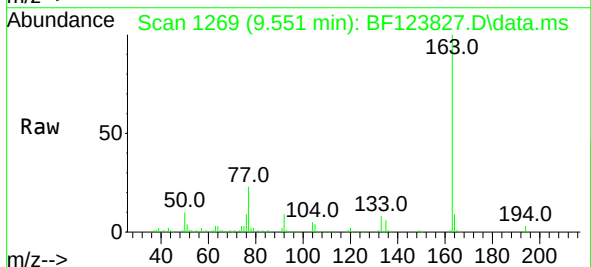
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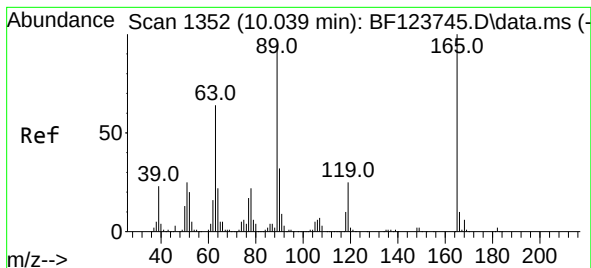
Tgt Ion:172 Resp: 2198986
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.1 19.2 28.8



#50
Dimethylphthalate
Concen: 4.72 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:163 Resp: 143922
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 8.7 8.2 12.2

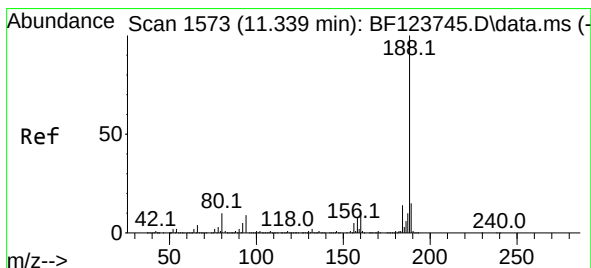
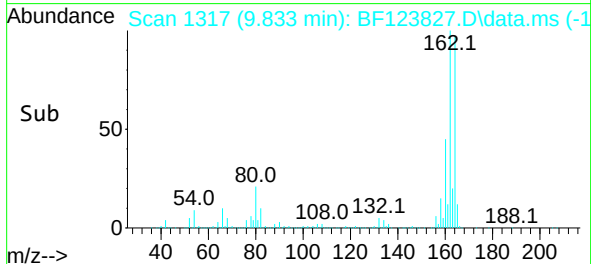
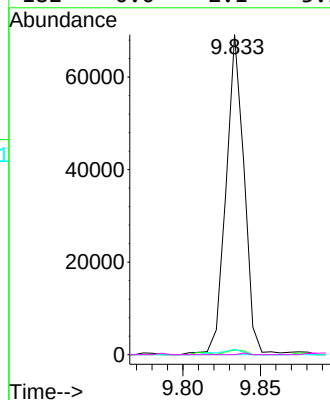
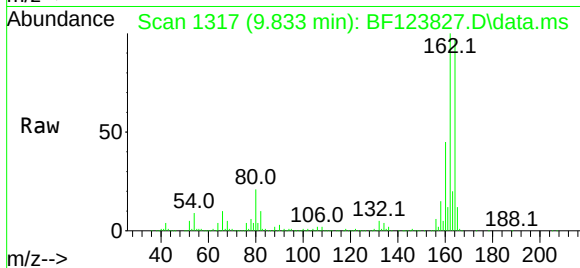




#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

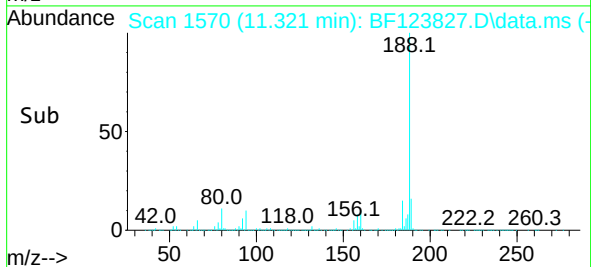
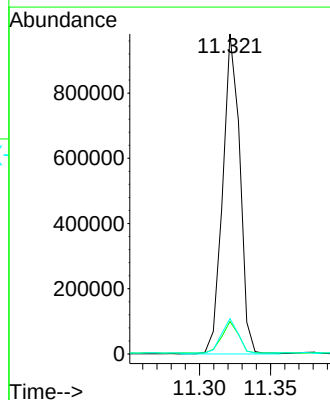
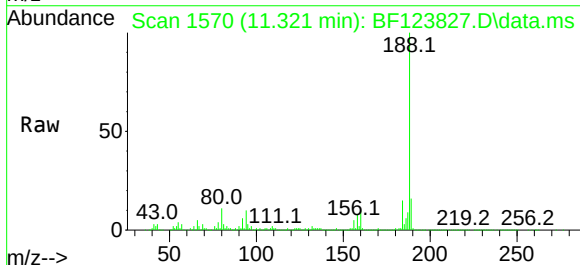
Instrument :
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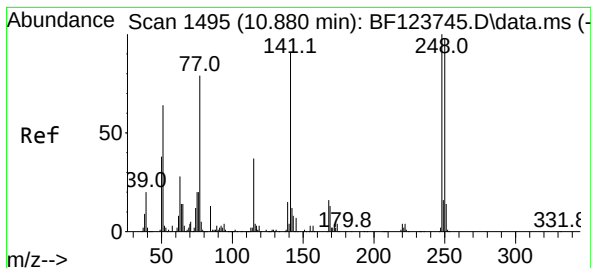
Tgt Ion:165 Resp: 56192
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:188 Resp: 821133
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 11.1 8.2 12.2

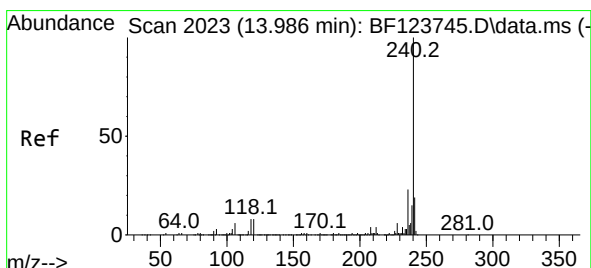
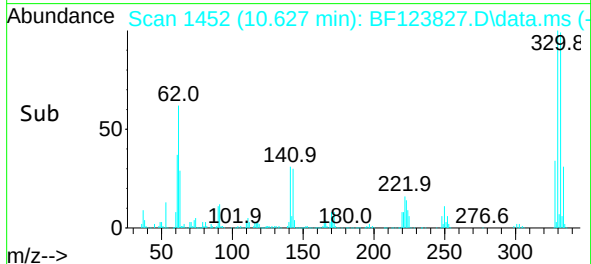
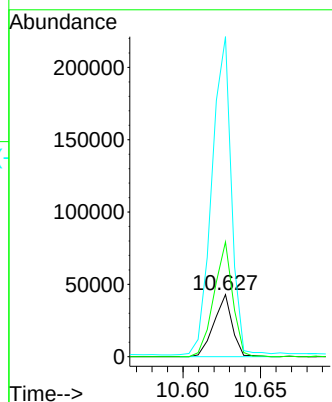
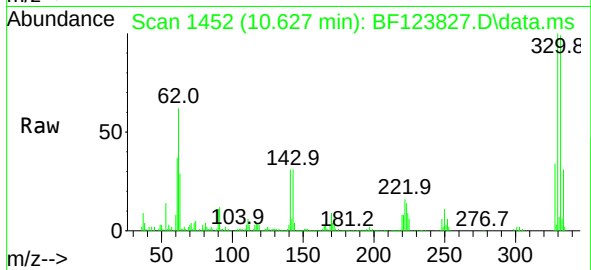




#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

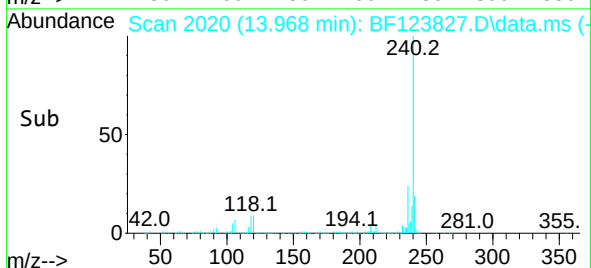
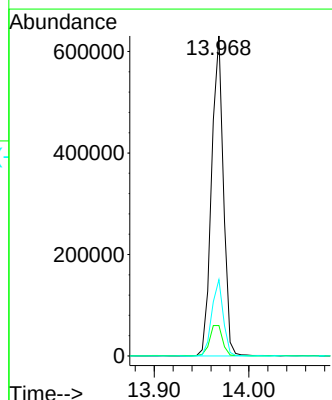
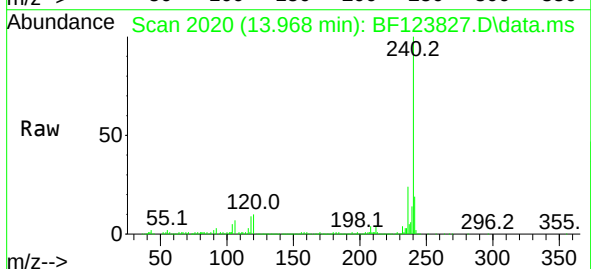
Instrument :
BNA_F
ClientSampled :
CRT-020

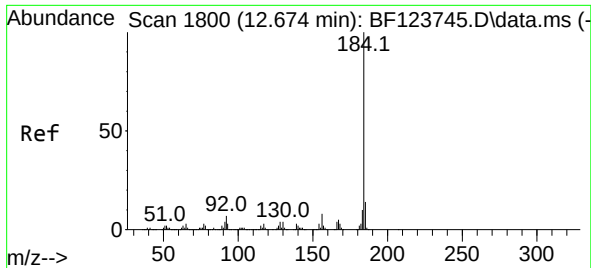
Tgt Ion:248 Resp: 35307
Ion Ratio Lower Upper
248 100
250 184.8 77.4 116.2#
141 515.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:240 Resp: 544623
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 23.9 19.0 28.4

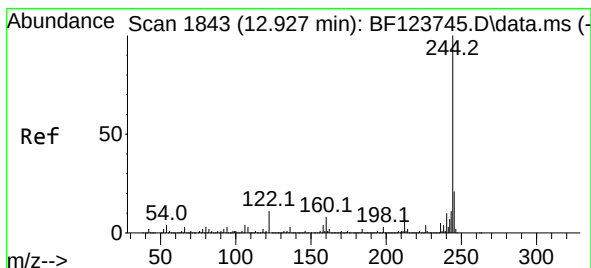
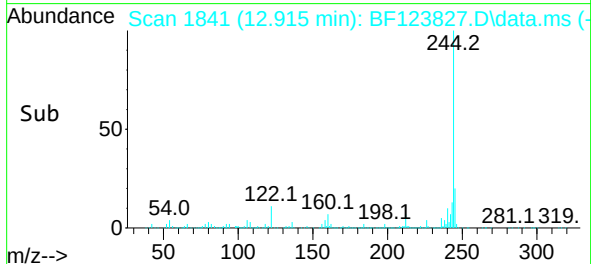
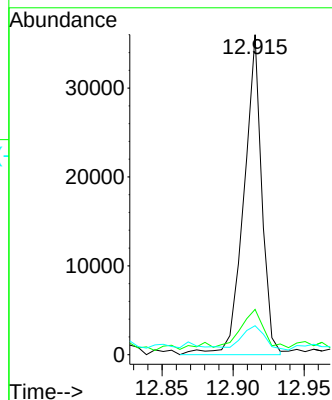
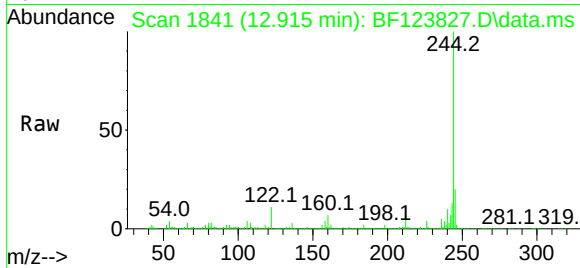




#77
Benzidine
Concen: 2.24 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

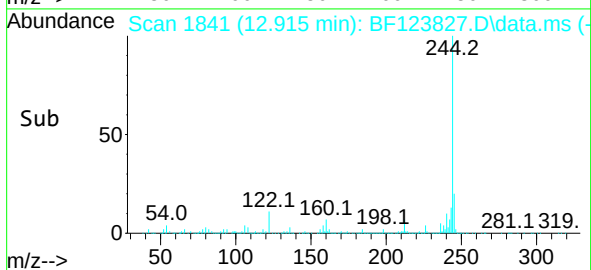
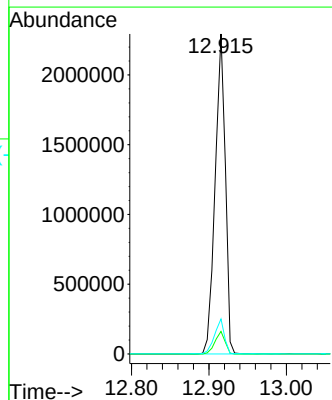
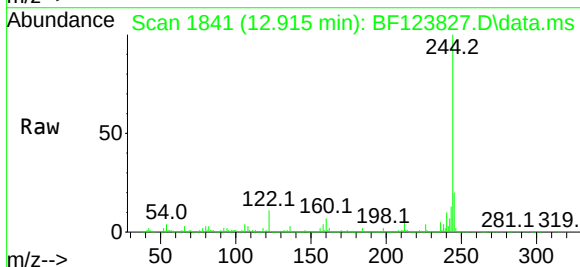
Instrument :
BNA_F
ClientSampleId :
CRT-020

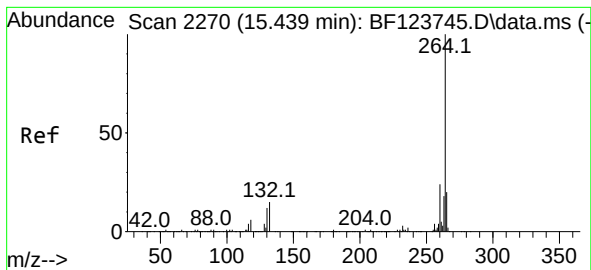
Tgt Ion:184 Resp: 31584
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 9.1 7.8 11.8



#79
Terphenyl-d14
Concen: 74.12 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123827.D
Acq: 5 May 2021 14:56

Tgt Ion:244 Resp: 2096361
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF123827.D
 Acq: 5 May 2021 14:56

Instrument :
 BNA_F
 ClientSampleId :
 CRT-020

Tgt Ion:264 Resp: 478312
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.2 17.8 26.8

