

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123842.D
 Acq On : 5 May 2021 22:54
 Operator : JU/CG
 Sample : M2266-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-016

Quant Time: May 06 00:52:18 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)

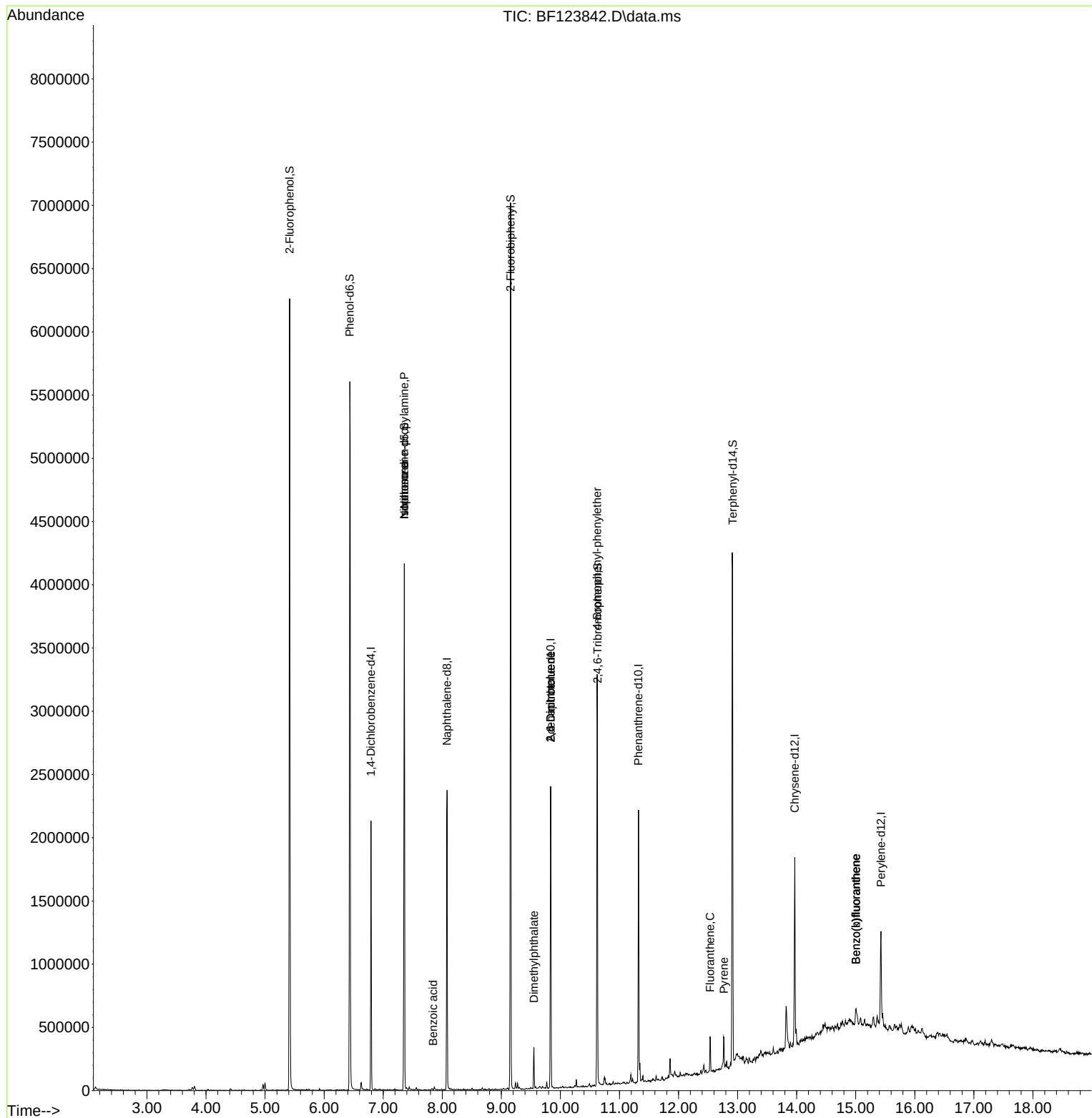
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	255224	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	967624	20.00	ng	0.00
39) Acenaphthene-d10	9.834	164	431457	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	693707	20.00	ng	0.00
76) Chrysene-d12	13.969	240	467916	20.00	ng	0.00
86) Perylene-d12	15.427	264	336200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1368167	84.93	ng	0.00
7) Phenol-d6	6.434	99	1755451	79.10	ng	0.00
23) Nitrobenzene-d5	7.357	82	1206927	56.31	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	378161	70.41	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1813826	61.22	ng	0.00
79) Terphenyl-d14	12.916	244	1390435	57.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	164241	11.99	ng	Qvalue
25) Isophorone	7.357	82	1200764	29.88	ng	# 73
32) Benzoic acid	7.845	122	108	5.40	ng	# 69
50) Dimethylphthalate	9.551	163	102507	3.37	ng	92
51) 2,6-Dinitrotoluene	9.834	165	57832	8.23	ng	# 99
57) 2,4-Dinitrotoluene	9.834	165	57832	6.04	ng	# 11
67) 4-Bromophenyl-phenylether	10.622	248	20598	2.82	ng	# 17
75) Fluoranthene	12.533	202	118461	2.99	ng	# 1
78) Pyrene	12.769	202	108351	2.98	ng	98
88) Benzo(b)fluoranthene	15.004	252	74953	3.31	ng	95
89) Benzo(k)fluoranthene	15.004	252	74953	3.47	ng	# 89

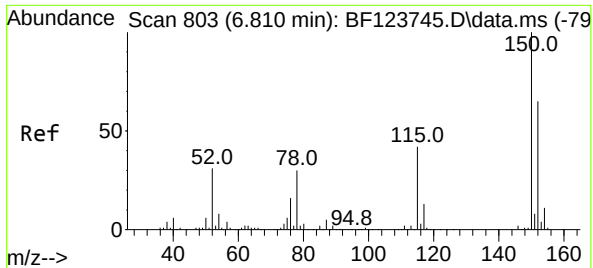
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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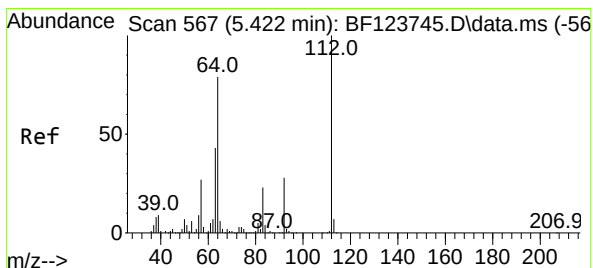
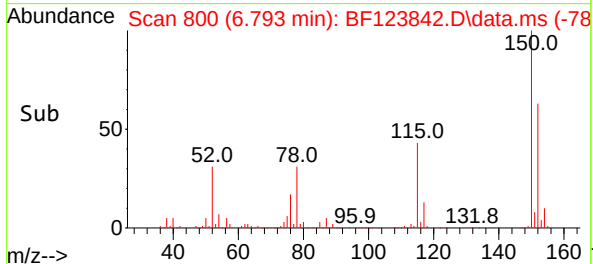
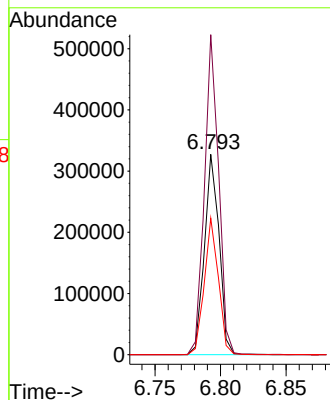
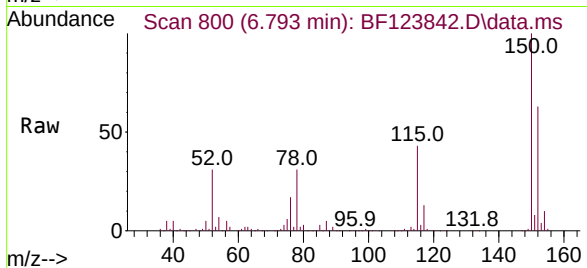




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

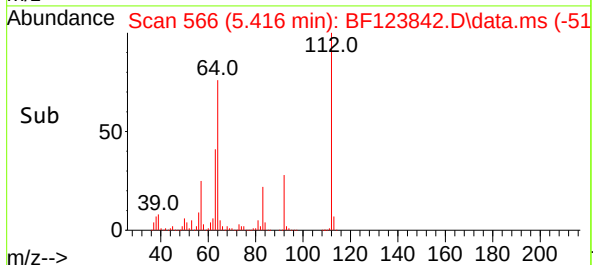
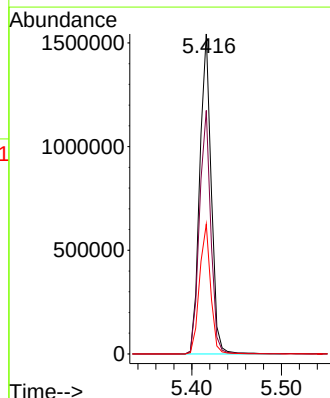
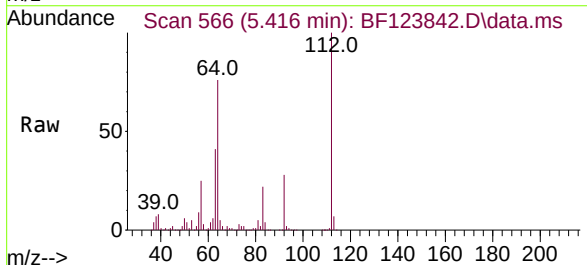
Instrument :
BNA_F
ClientSampleId :
CRT-016

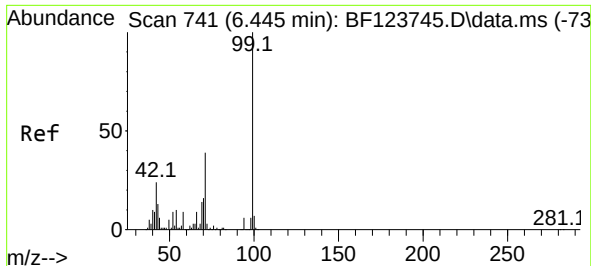
Tgt Ion:152 Resp: 255224
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 84.93 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:112 Resp: 1368167
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 40.6 33.0 49.4

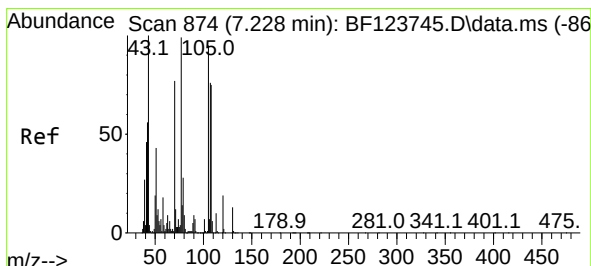
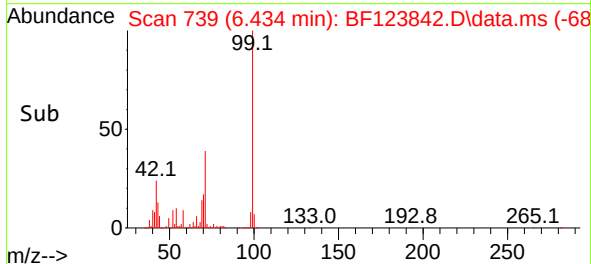
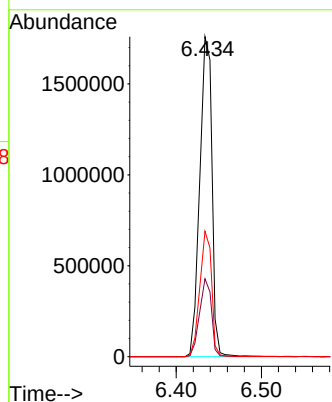
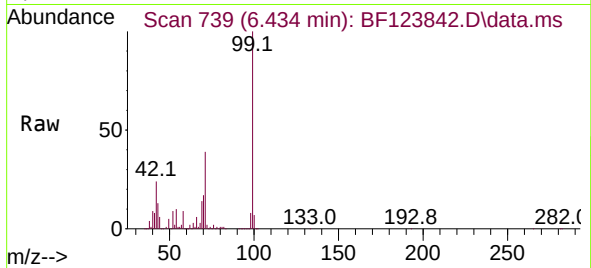




#7
Phenol-d6
Concen: 79.10 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

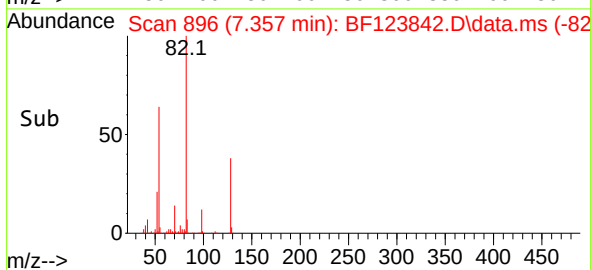
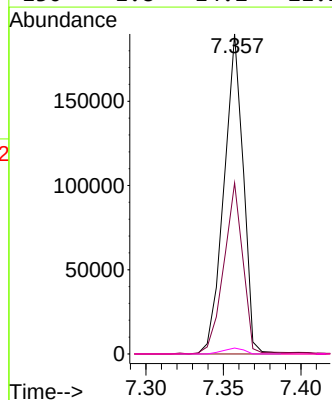
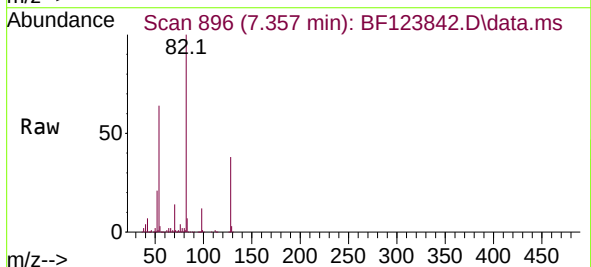
Instrument :
BNA_F
ClientSampleId :
CRT-016

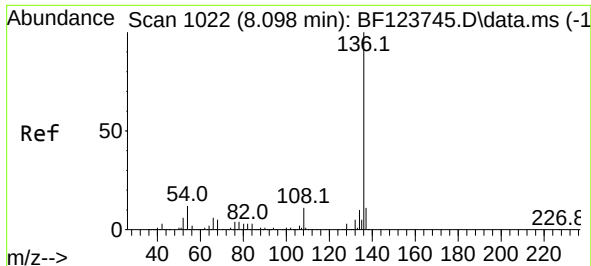
Tgt Ion: 99 Resp: 1755451
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 39.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.99 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion: 70 Resp: 164241
Ion Ratio Lower Upper
70 100
42 53.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



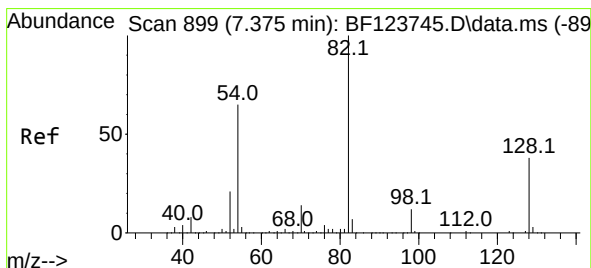
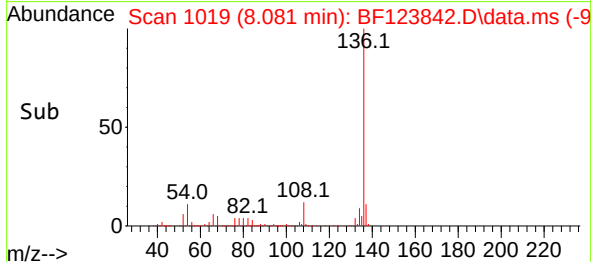
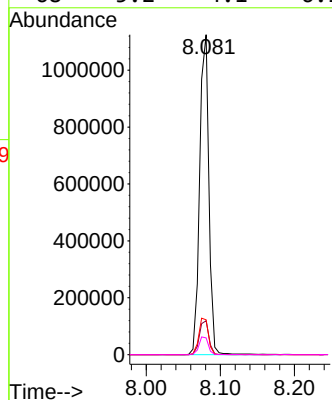
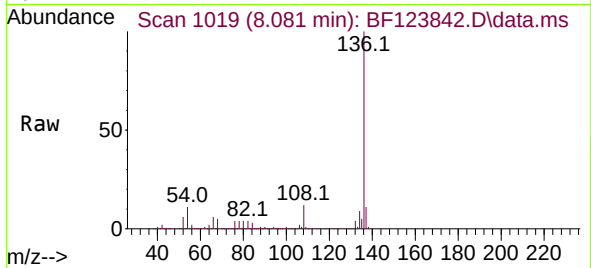


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Instrument :
BNA_F
ClientSampleId :
CRT-016

Tgt Ion:136 Resp: 967624

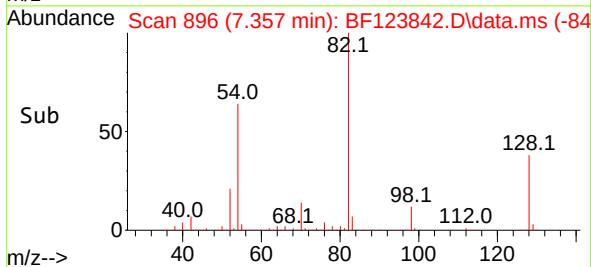
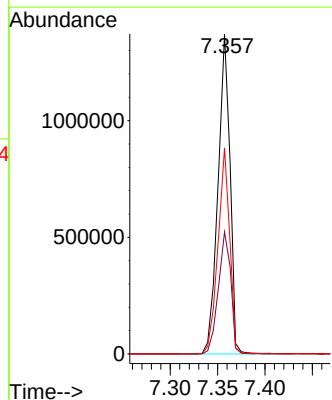
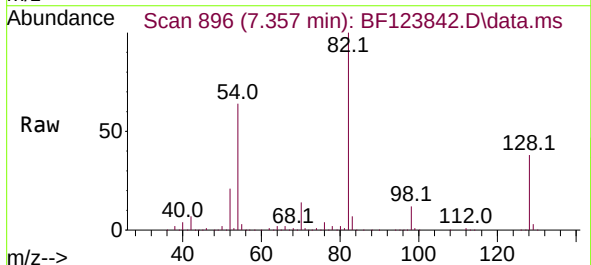
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.9	9.8	14.6
68	5.2	4.1	6.1

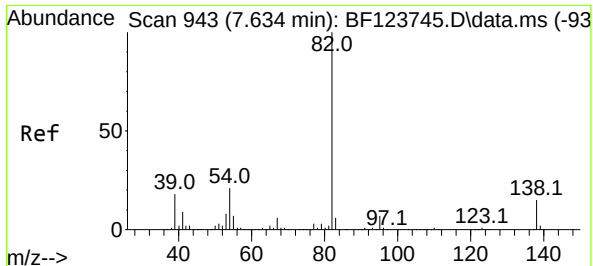


#23
Nitrobenzene-d5
Concen: 56.31 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion: 82 Resp: 1206927

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	64.4	54.1	81.1

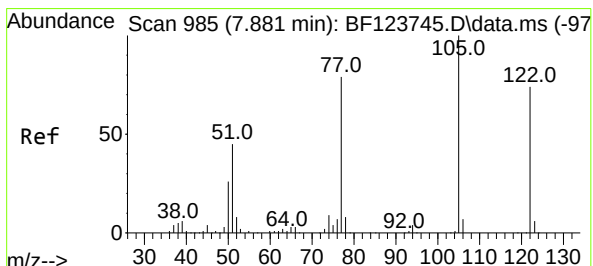
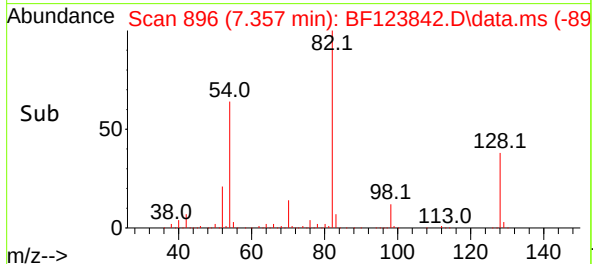
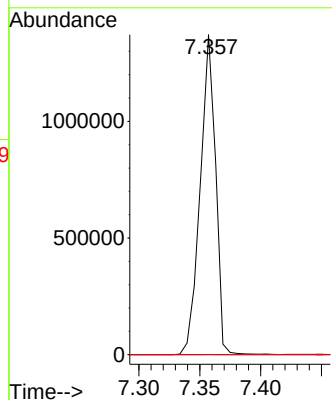
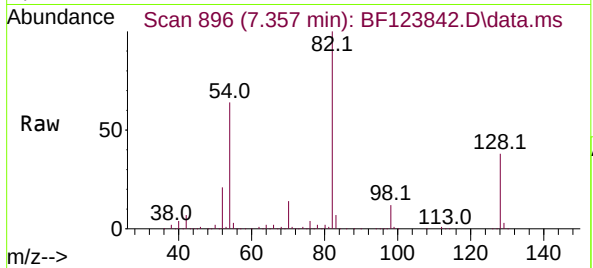




#25
Isophorone
Concen: 29.88 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

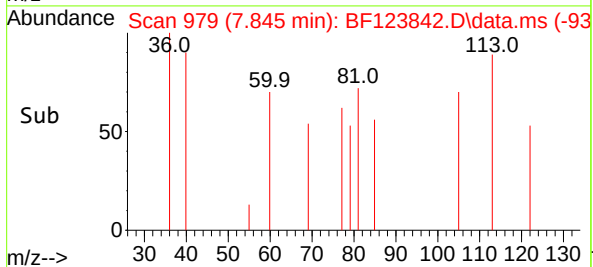
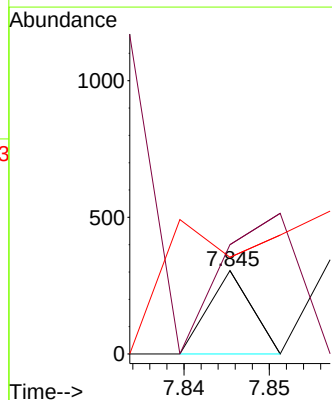
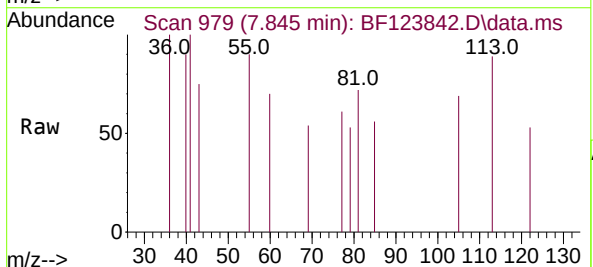
Instrument :
BNA_F
ClientSampleId :
CRT-016

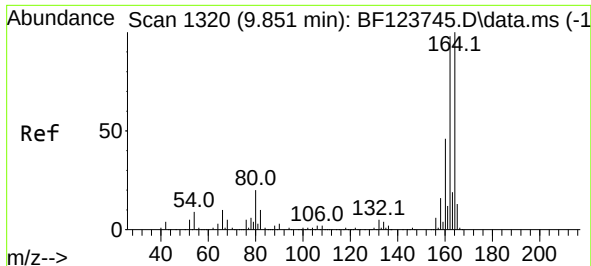
Tgt Ion: 82 Resp: 1200764
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.029 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 131.1 107.8 147.8
77 116.1 81.6 121.6

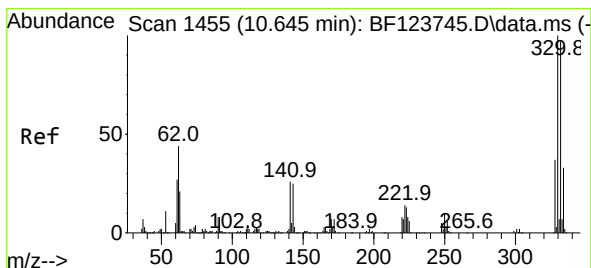
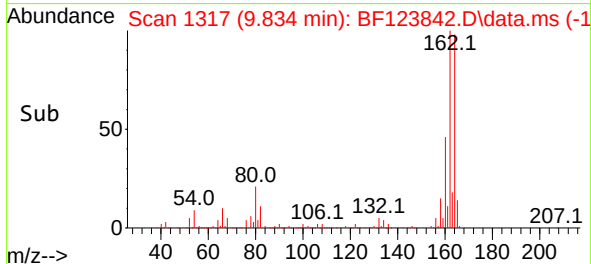
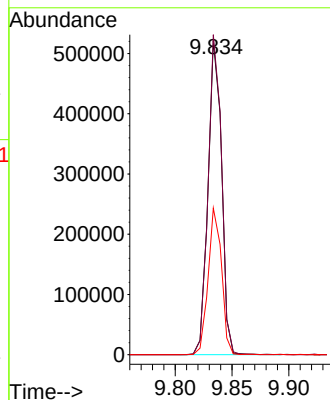
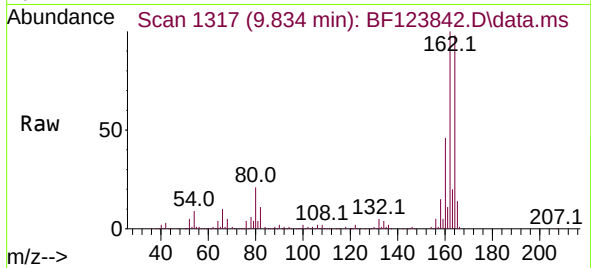




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

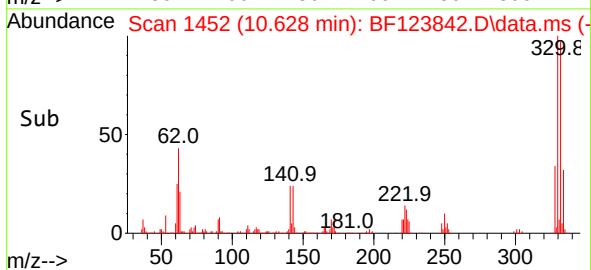
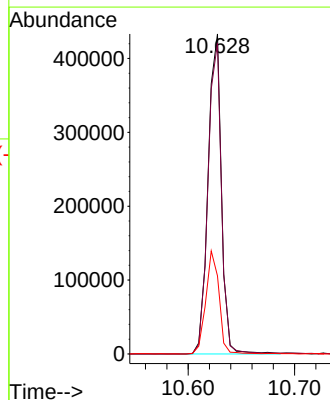
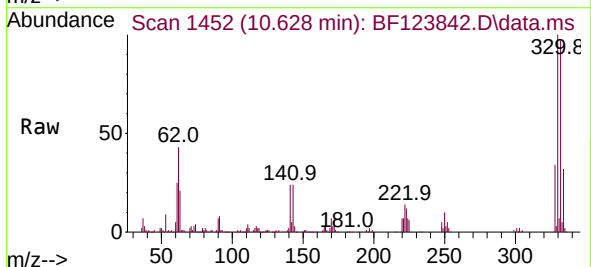
Instrument :
BNA_F
ClientSampled :
CRT-016

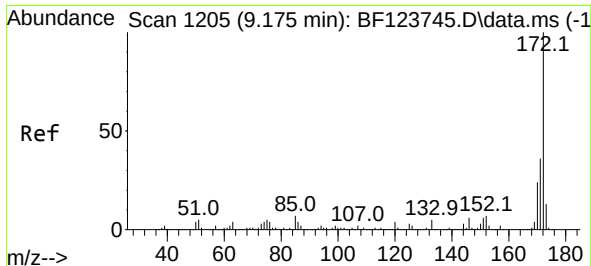
Tgt Ion:164 Resp: 431457
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 46.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 70.41 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:330 Resp: 378161
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 32.2 27.9 41.9

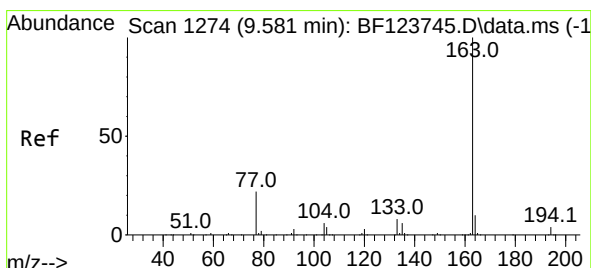
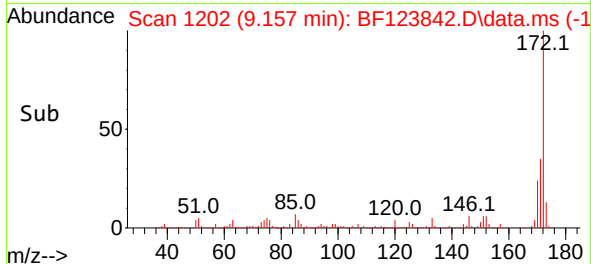
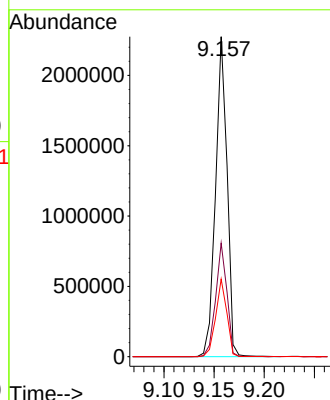
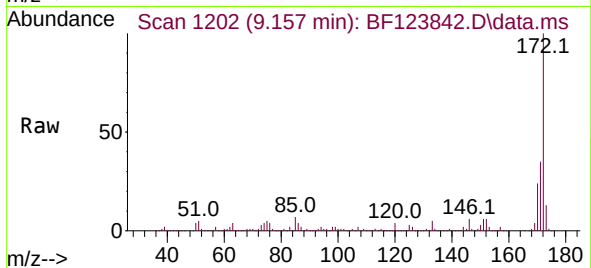




#45
2-Fluorobiphenyl
Concen: 61.22 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

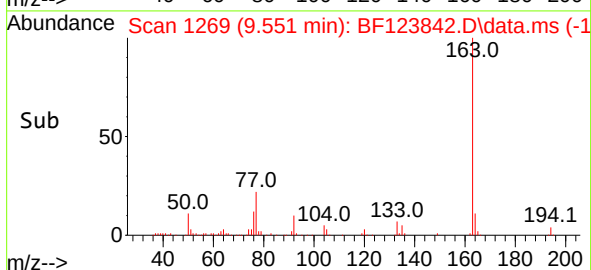
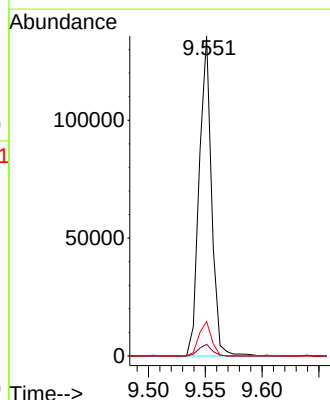
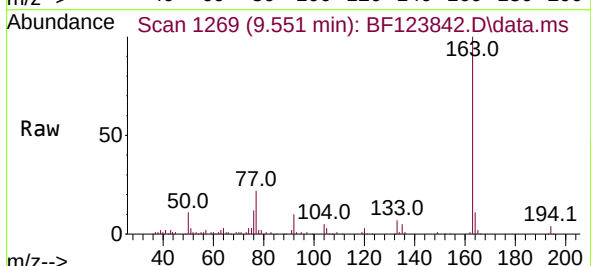
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CRT-016

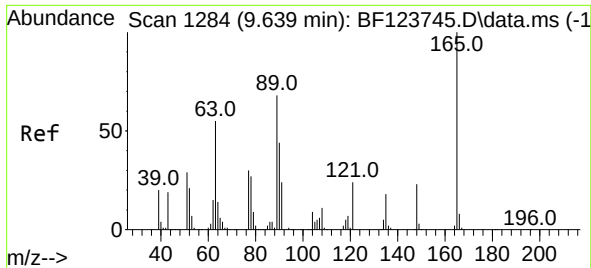
Tgt Ion:172 Resp: 1813826
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.2 19.2 28.8



#50
Dimethylphthalate
Concen: 3.37 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:163 Resp: 102507
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.8 8.2 12.2

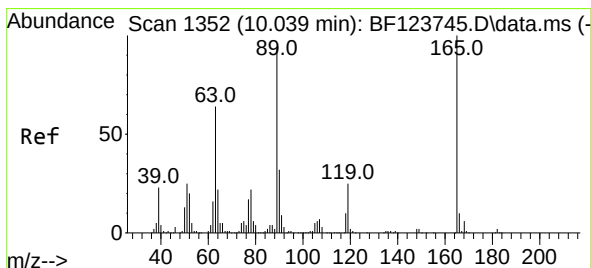
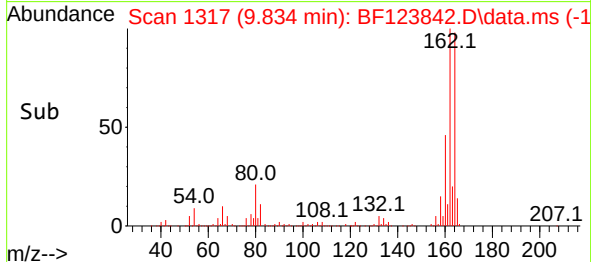
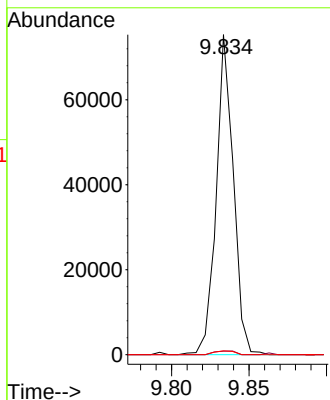
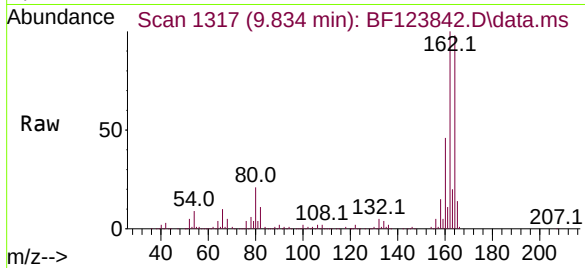




#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

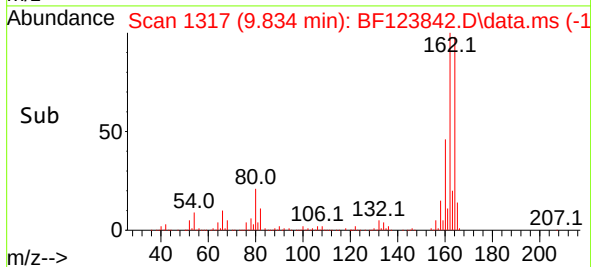
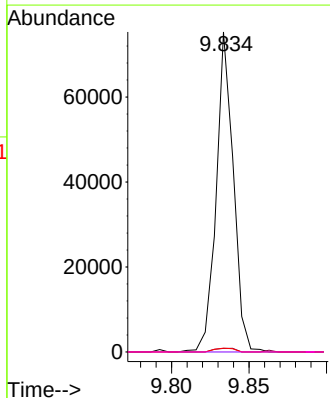
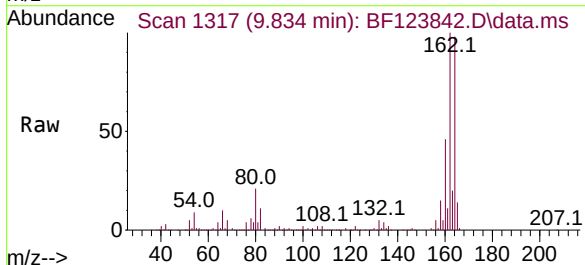
Instrument :
BNA_F
ClientSampleId :
CRT-016

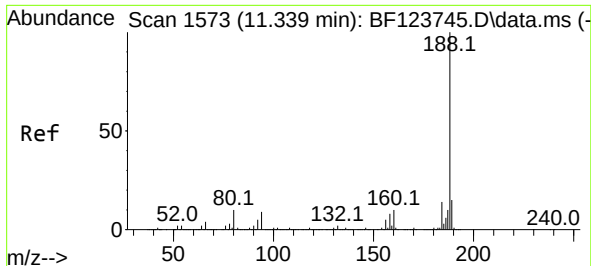
Tgt Ion:165 Resp: 57832
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:165 Resp: 57832
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.2 67.7 101.5#
182 0.0 2.1 3.1#

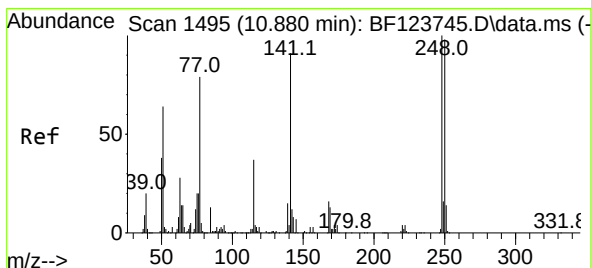
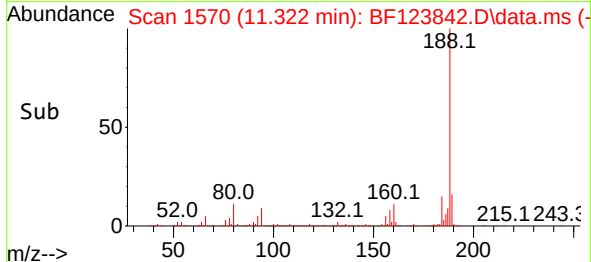
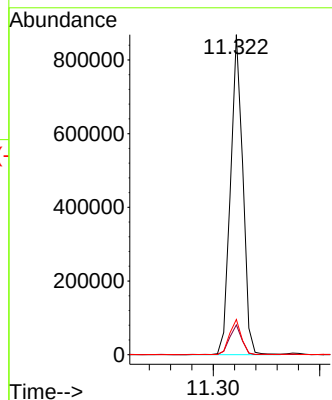
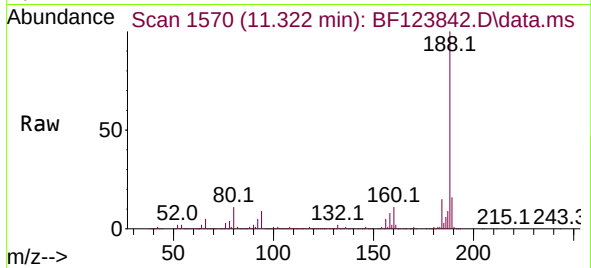




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

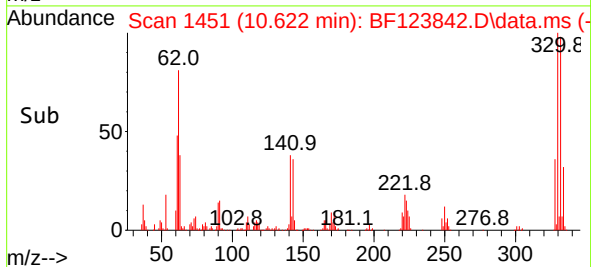
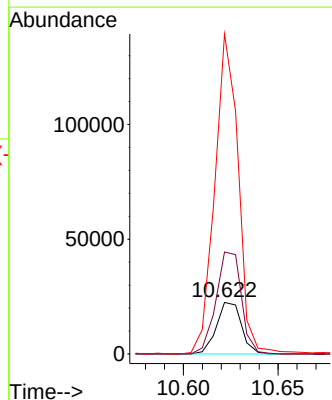
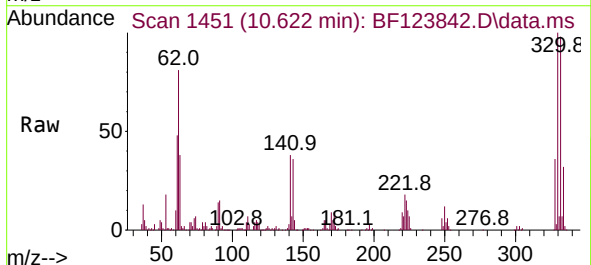
Instrument :
BNA_F
ClientSampleId :
CRT-016

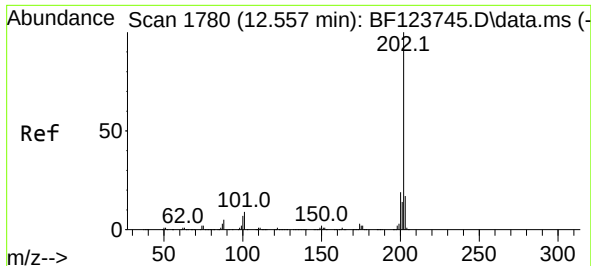
Tgt Ion:188 Resp: 693707
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:248 Resp: 20598
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.2#
141 620.6 63.7 95.5#

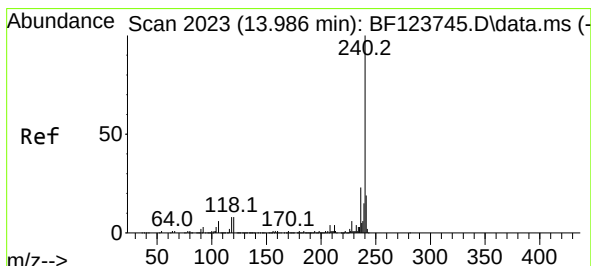
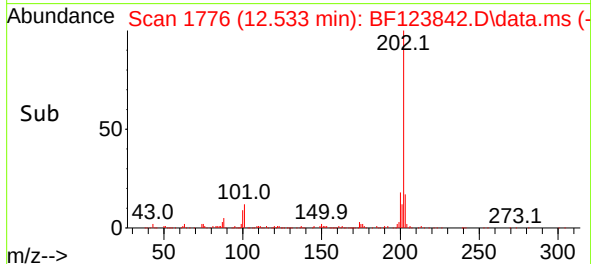
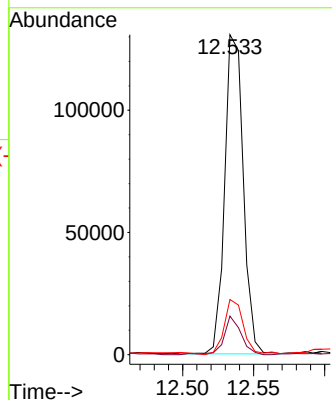
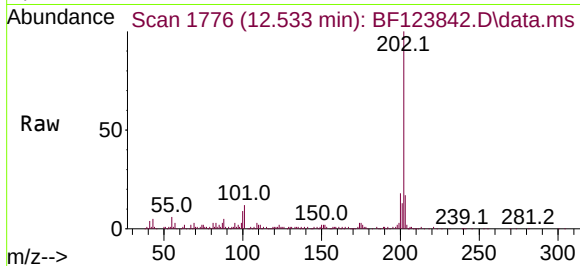




#75
Fluoranthene
Concen: 2.99 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

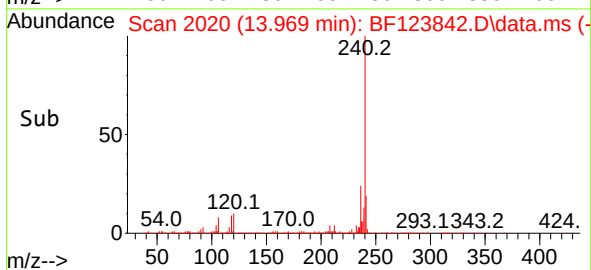
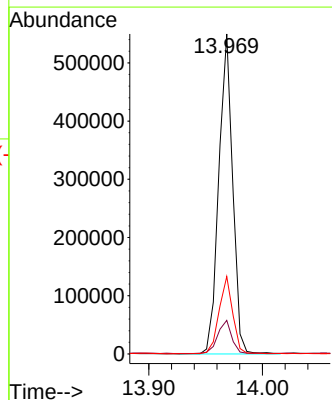
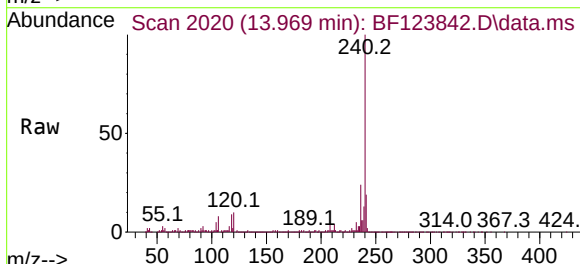
Instrument :
BNA_F
ClientSampleId :
CRT-016

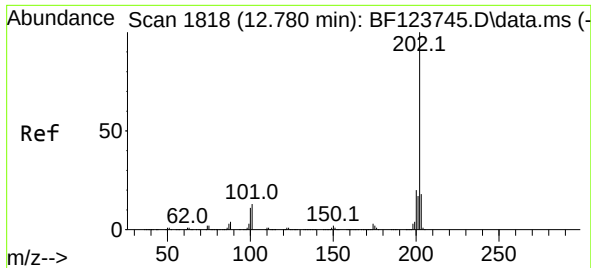
Tgt Ion:202 Resp: 118461
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.9
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:240 Resp: 467916
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 24.2 19.0 28.4

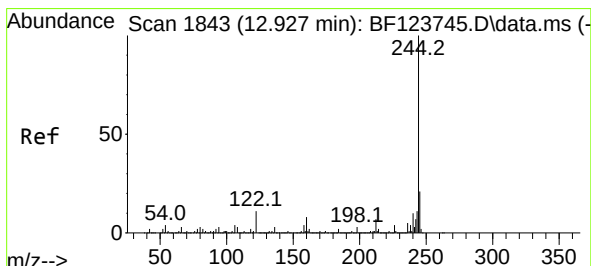
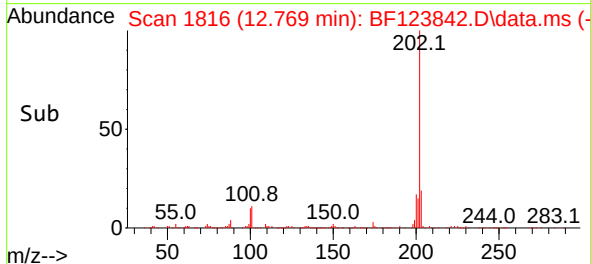
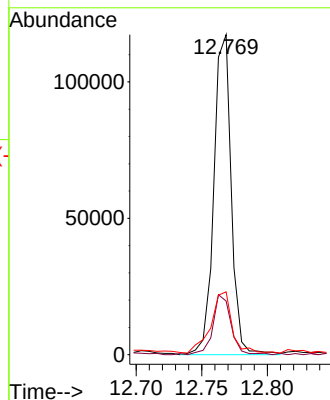
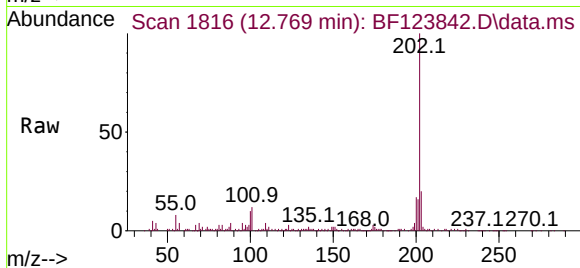




#78
Pyrene
Concen: 2.98 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

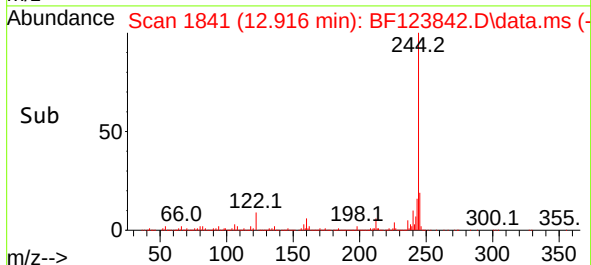
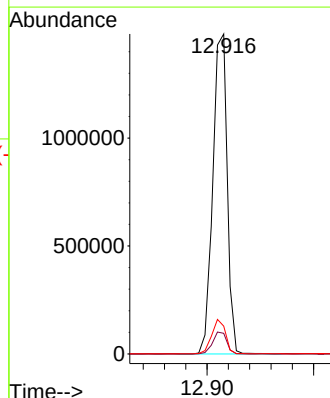
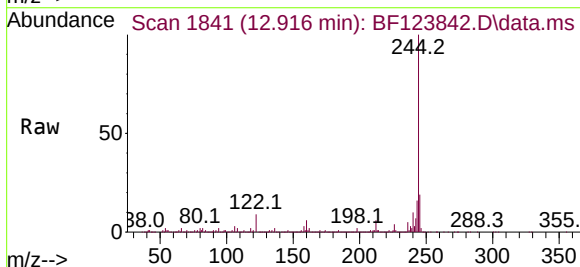
Instrument :
BNA_F
ClientSampleId :
CRT-016

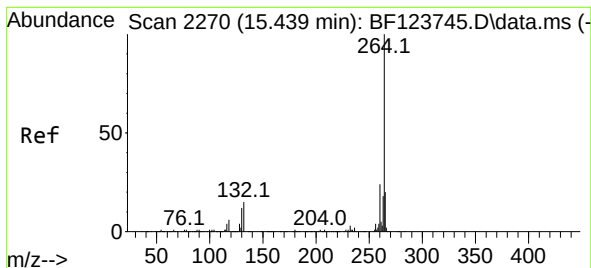
Tgt Ion:202 Resp: 108351
Ion Ratio Lower Upper
202 100
200 16.8 16.1 24.1
203 19.7 14.8 22.2



#79
Terphenyl-d14
Concen: 57.22 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:244 Resp: 1390435
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 8.7 9.7 14.5#

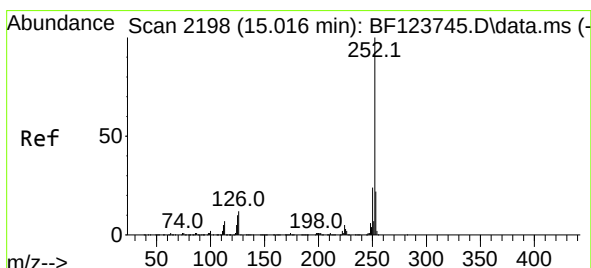
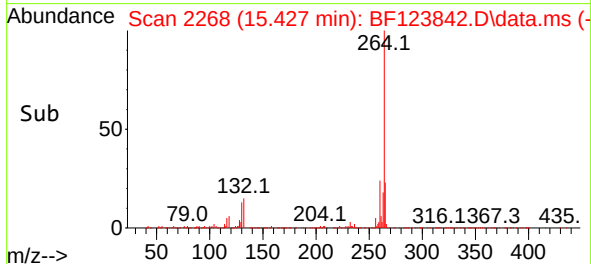
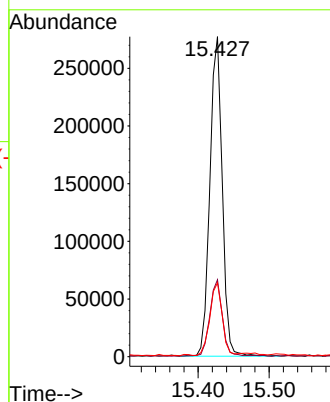
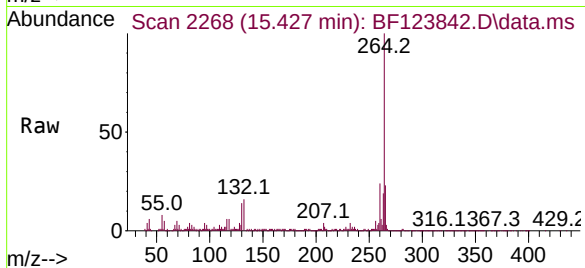




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

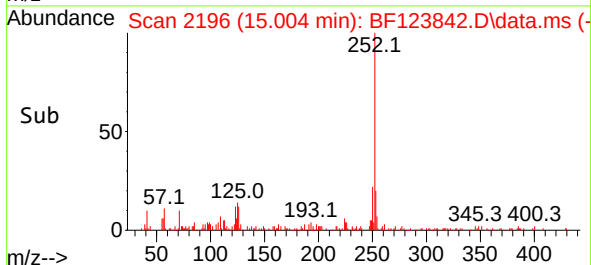
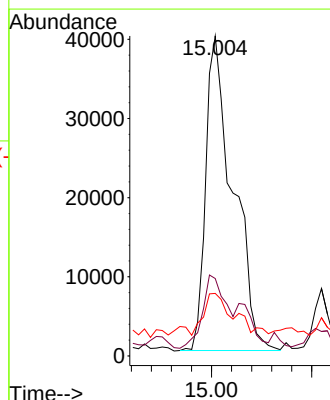
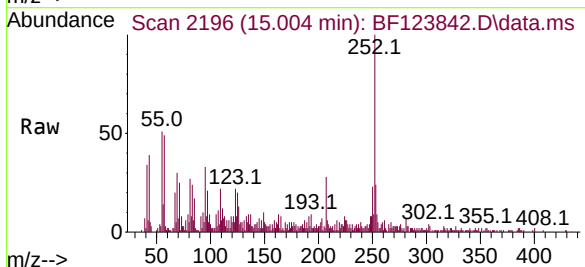
Instrument :
BNA_F
ClientSampled :
CRT-016

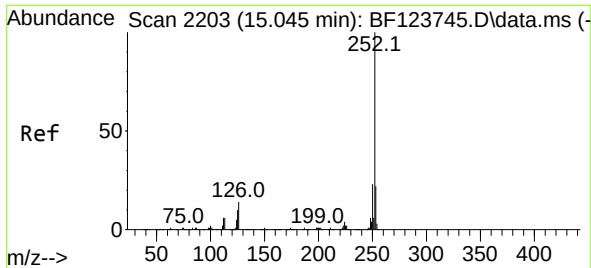
Tgt Ion:264 Resp: 336200
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 23.1 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 3.31 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

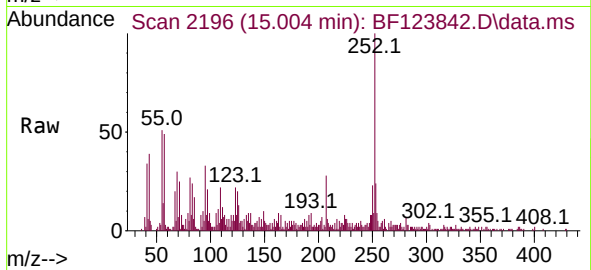
Tgt Ion:252 Resp: 74953
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 19.6 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.035 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Instrument :
BNA_F
ClientSampleId :
CRT-016



Tgt Ion:252 Resp: 74953
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 19.6 7.0 10.6#

