

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123067.D
 Acq On : 28 Jan 2021 19:12
 Operator : JU/CG
 Sample : M1254-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-5

Quant Time: Jan 28 23:42:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

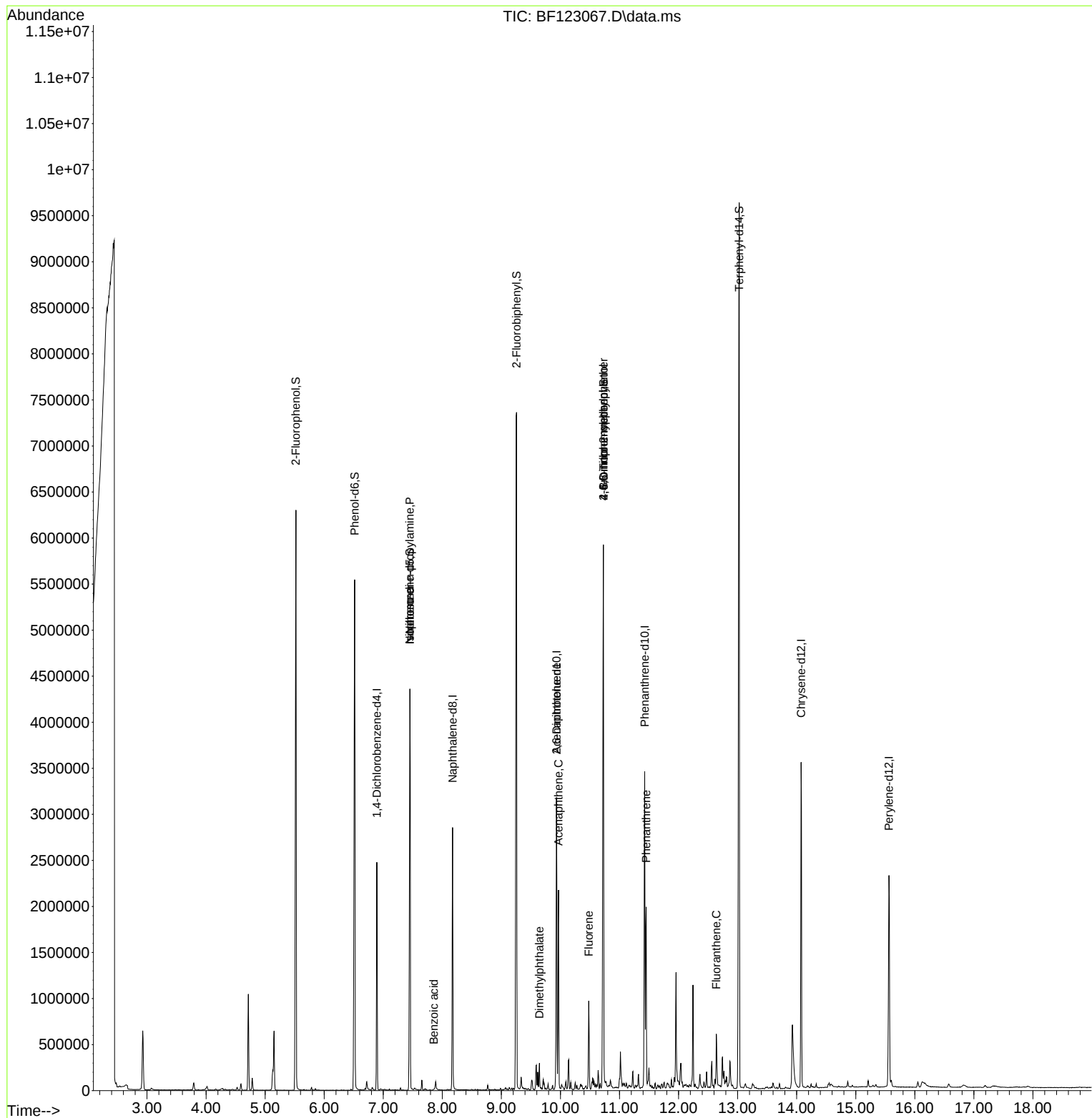
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	318313	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1212491	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	673237	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1265998	20.00	ng	0.00
76) Chrysene-d12	14.074	240	1204703	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	1049659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1900605	92.10	ng	0.02
7) Phenol-d6	6.516	99	2255378	80.63	ng	0.00
23) Nitrobenzene-d5	7.451	82	1563156	64.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	808416	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2728102	60.24	ng	0.00
79) Terphenyl-d14	13.027	244	3476498	56.70	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	210756	12.53	ng	# 81
25) Isophorone	7.451	82	1561134	35.38	ng	# 65
32) Benzoic acid	7.857	122	4887	5.21	ng	# 80
50) Dimethylphthalate	9.645	163	110123	2.08	ng	99
51) 2,6-Dinitrotoluene	9.933	165	86776	7.71	ng	# 31
52) Acenaphthene	9.969	154	474279	10.91	ng	99
58) Fluorene	10.480	166	250956	4.97	ng	97
65) 4,6-Dinitro-2-methylph...	10.727	198	1838	5.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	52497	3.26	ng	# 1
71) Phenanthrene	11.451	178	718767	9.14	ng	98
75) Fluoranthene	12.639	202	207119	2.64	ng	97

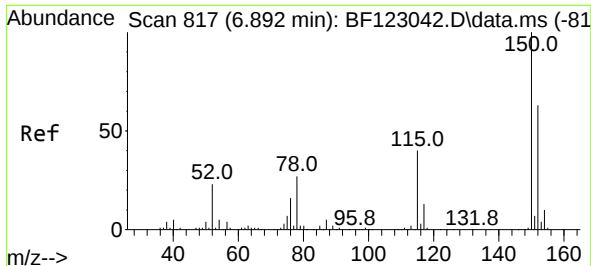
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
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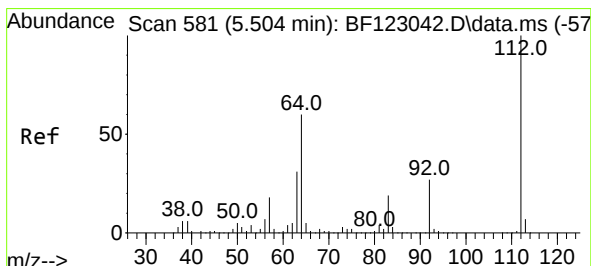
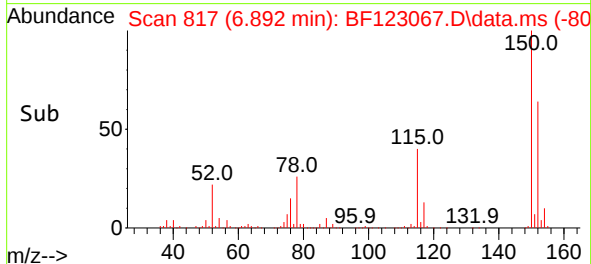
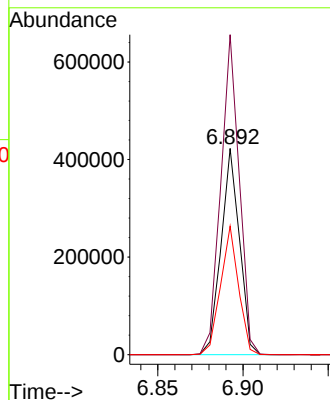
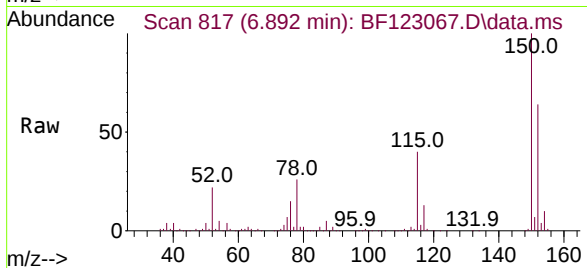




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

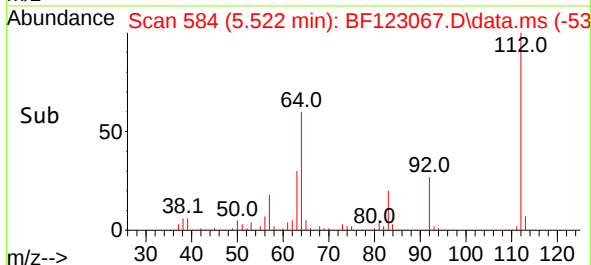
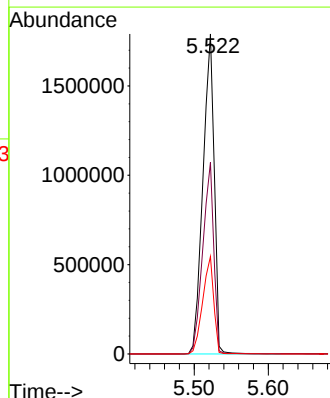
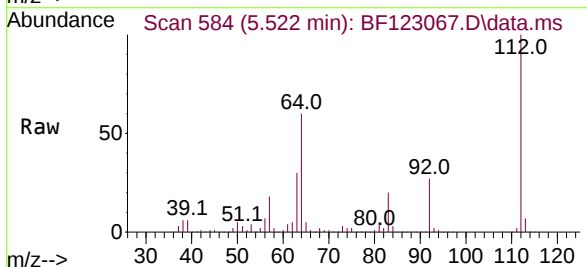
Instrument :
BNA_F
ClientSampleId :
CRT-5

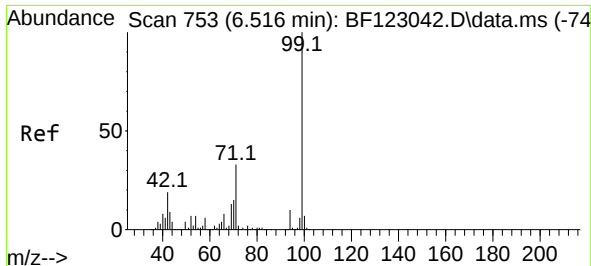
Tgt Ion:152 Resp: 318313
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 62.3 49.3 73.9



#5
2-Fluorophenol
Concen: 92.10 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:112 Resp: 1900605
Ion Ratio Lower Upper
112 100
64 59.9 46.9 70.3
63 30.5 24.5 36.7



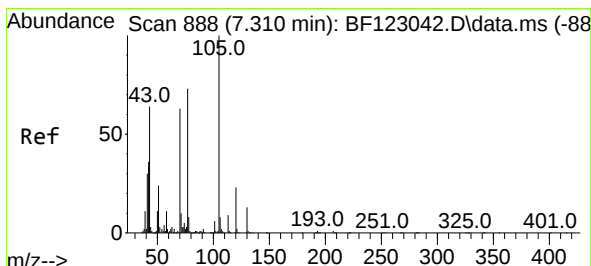
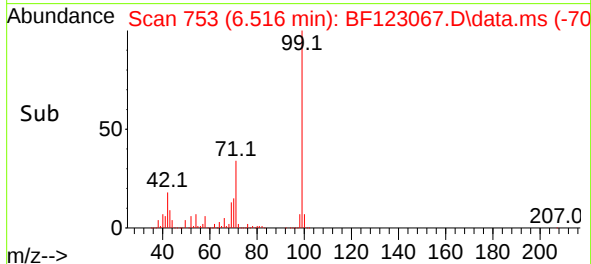
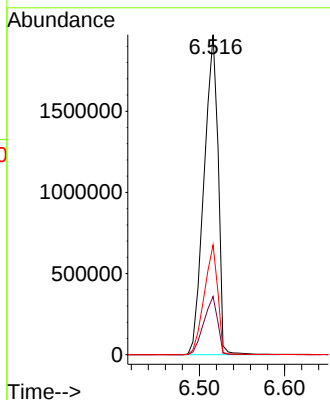
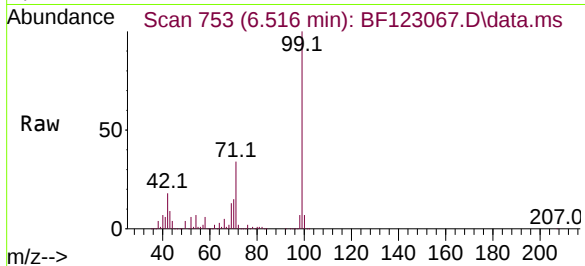


#7
Phenol-d6
Concen: 80.63 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Instrument :
BNA_F
ClientSampleId :
CRT-5

Tgt Ion: 99 Resp: 2255378

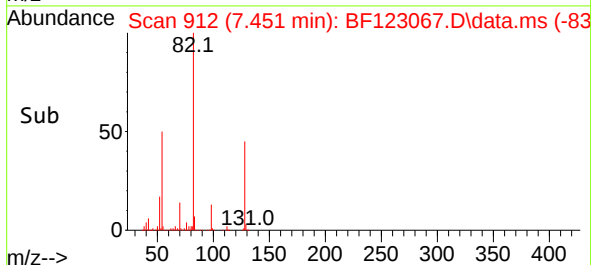
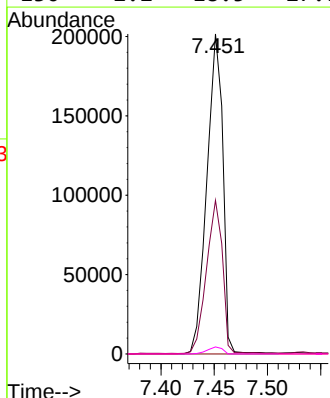
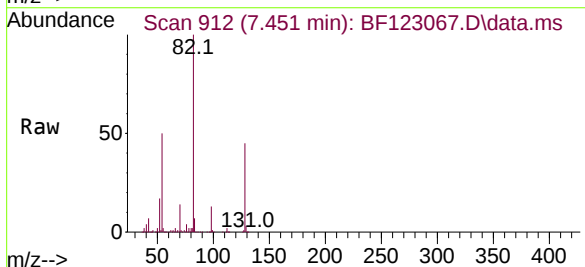
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	34.3	26.9	40.3

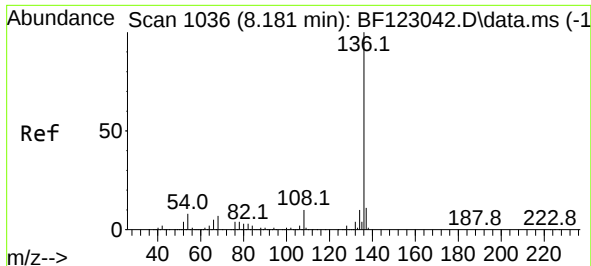


#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion: 70 Resp: 210756

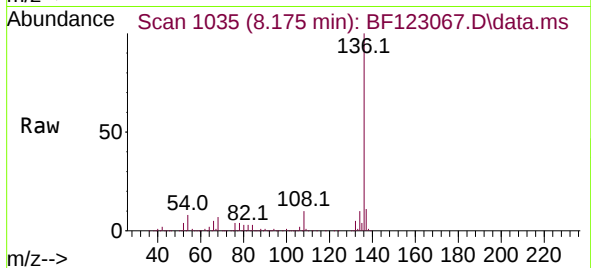
Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#





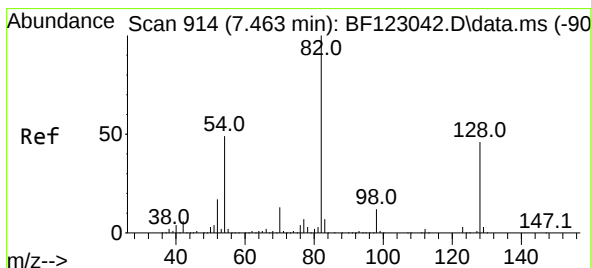
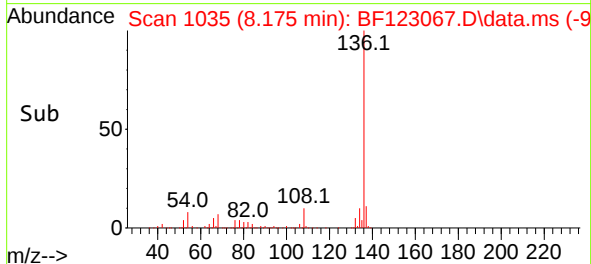
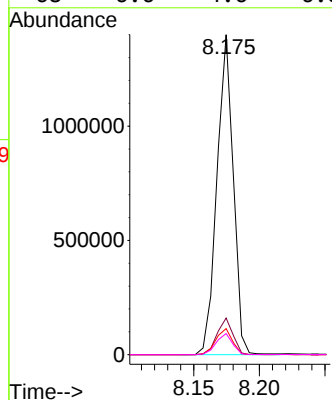
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Instrument :
BNA_F
ClientSampleId :
CRT-5



Tgt Ion:136 Resp: 1212491

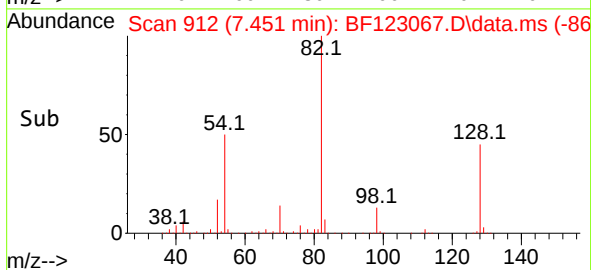
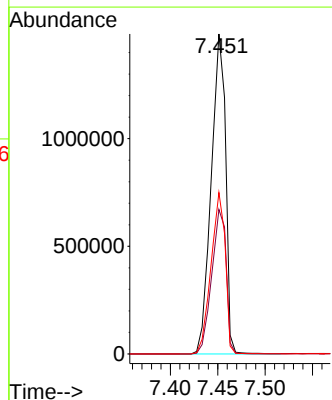
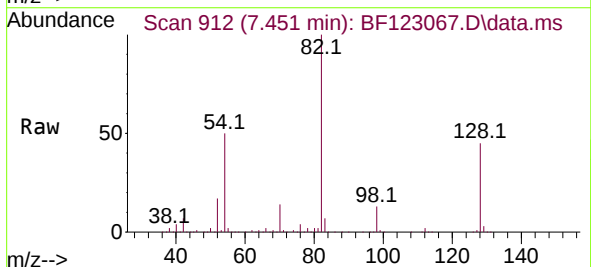
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.1	5.5	8.3
68	6.6	4.6	6.8

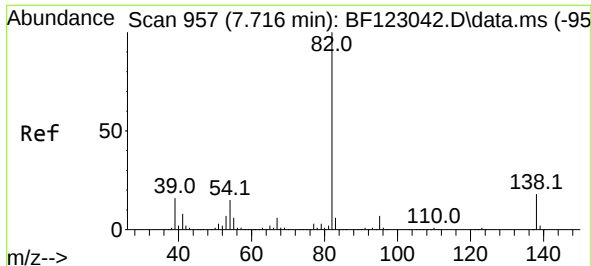


#23
Nitrobenzene-d5
Concen: 64.88 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion: 82 Resp: 1563156

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.4
54	50.5	38.4	57.6

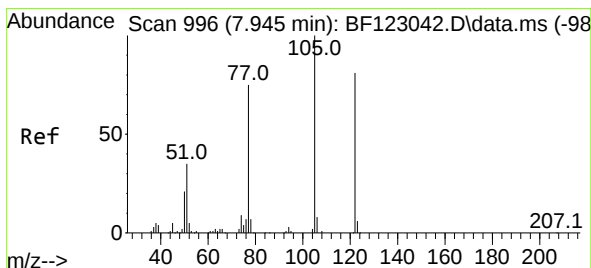
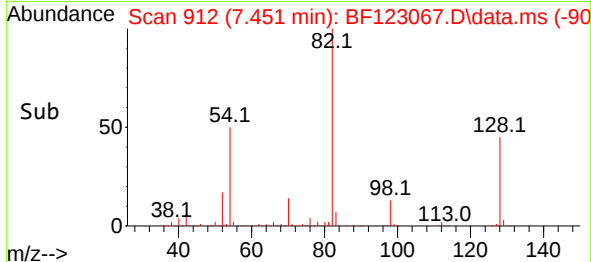
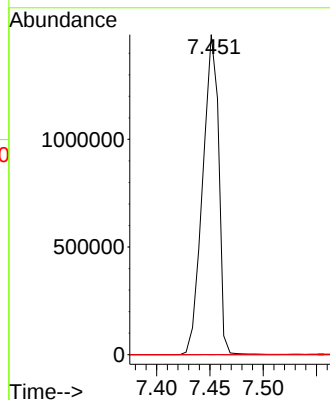
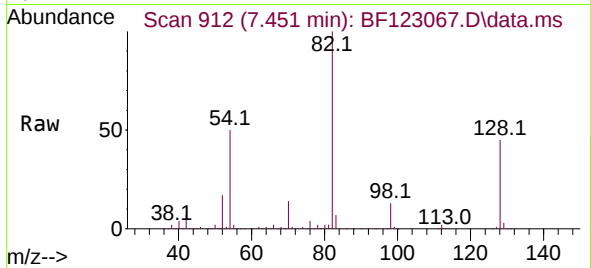




#25
Isophorone
Concen: 35.38 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

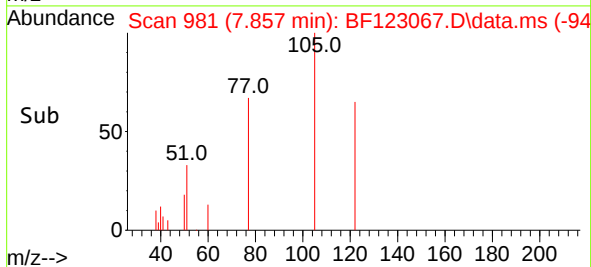
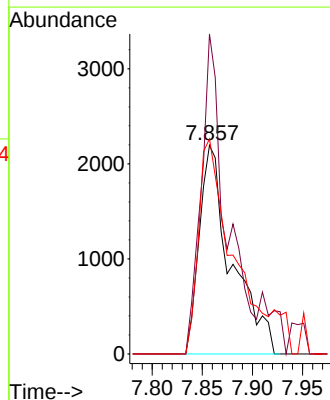
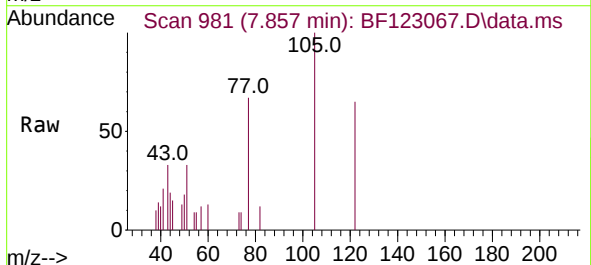
Instrument :
BNA_F
ClientSampleId :
CRT-5

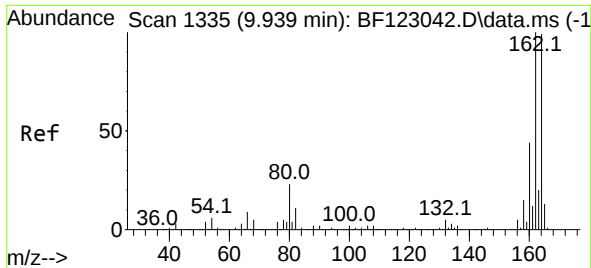
Tgt Ion: 82 Resp: 1561134
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.21 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.088 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion: 122 Resp: 4887
Ion Ratio Lower Upper
122 100
105 153.3 104.8 144.8#
77 103.1 71.0 111.0

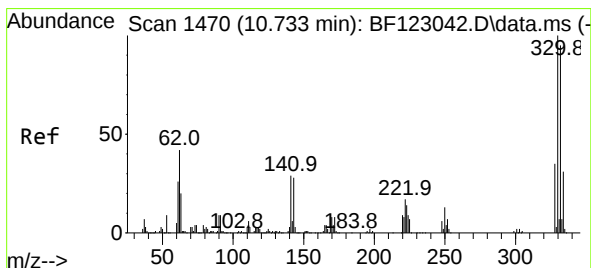
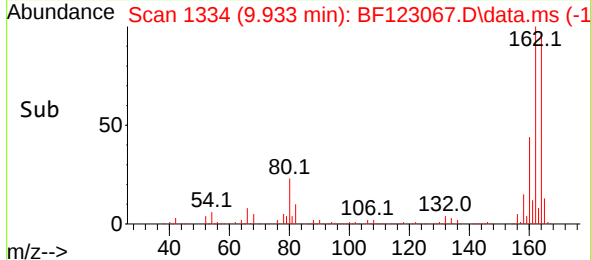
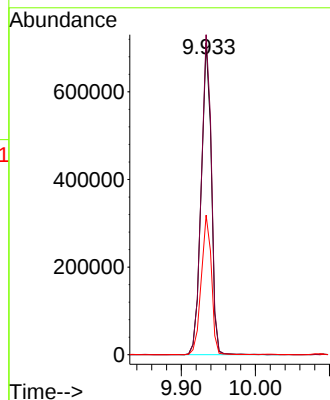
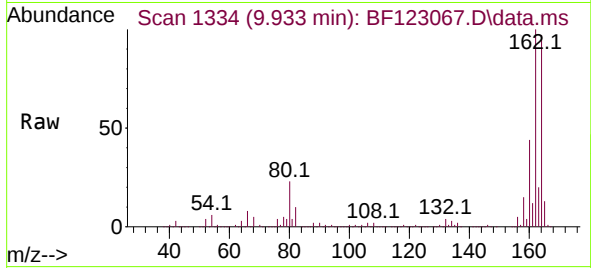




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

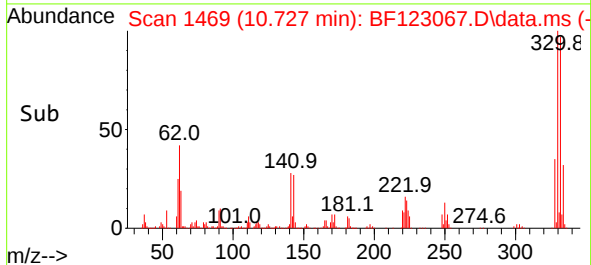
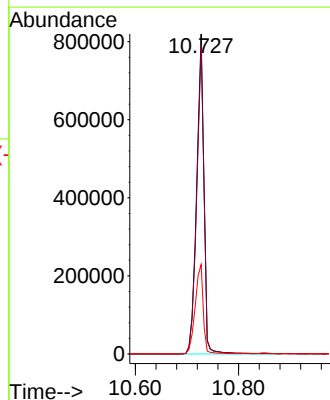
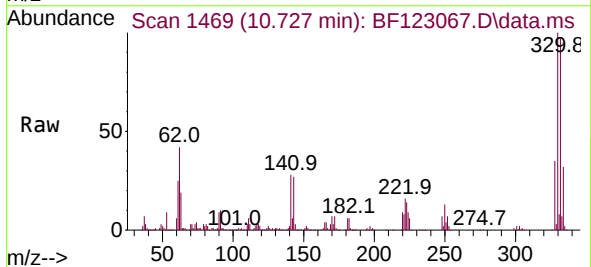
Instrument :
BNA_F
ClientSampled :
CRT-5

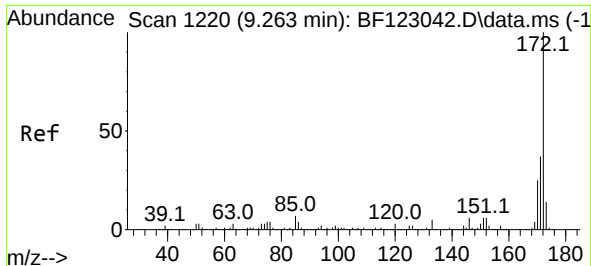
Tgt Ion:164 Resp: 673237
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.62 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:330 Resp: 808416
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 30.9 23.8 35.8

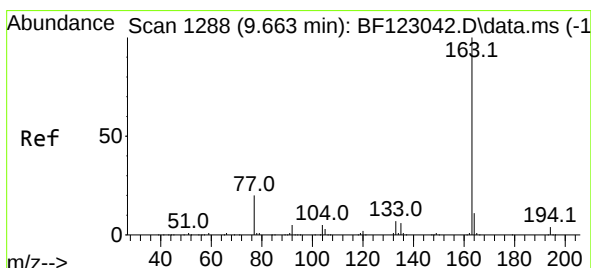
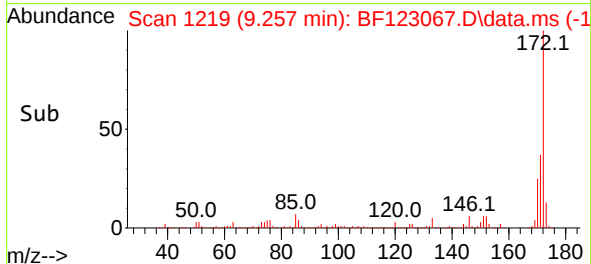
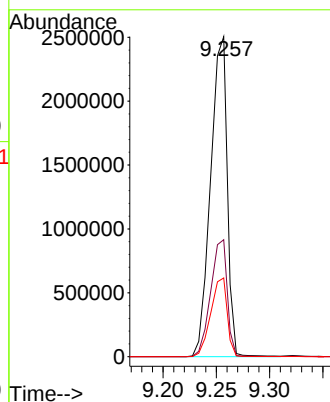
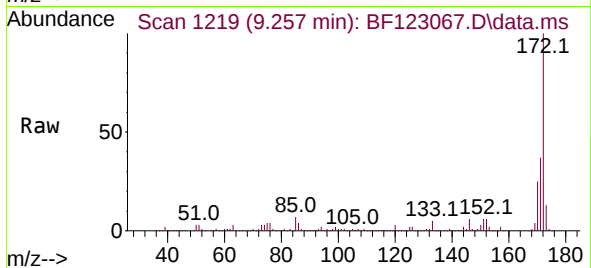




#45
2-Fluorobiphenyl
Concen: 60.24 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

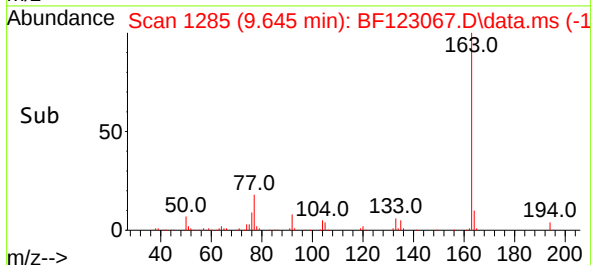
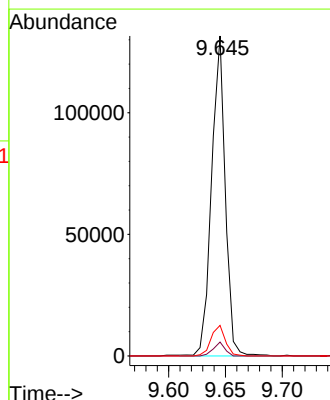
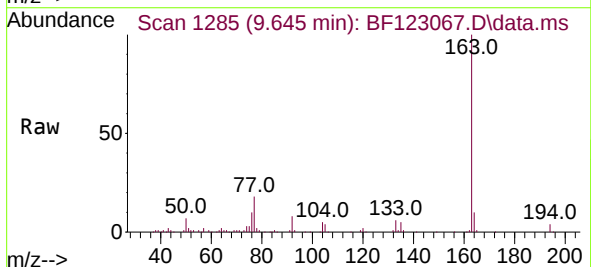
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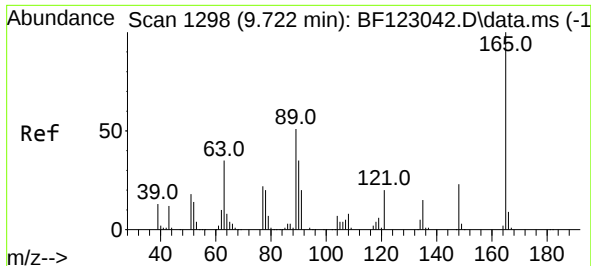
Tgt Ion:172 Resp: 2728102
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 2.08 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:163 Resp: 110123
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.5 8.1 12.1

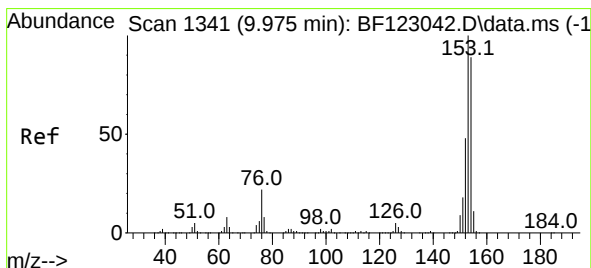
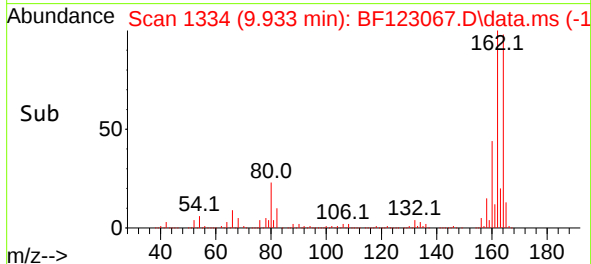
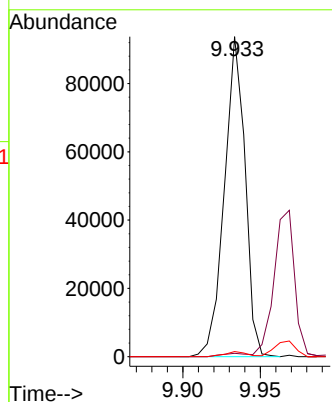
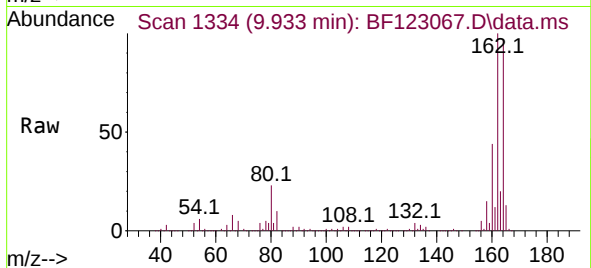




#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

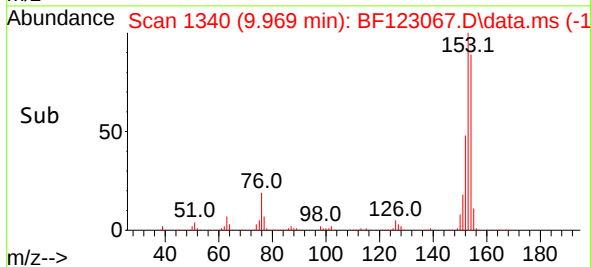
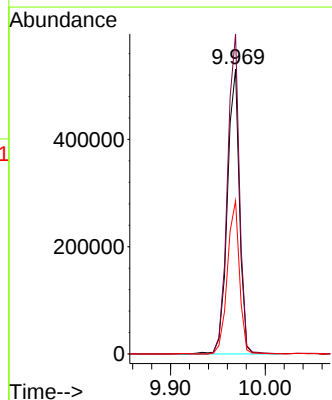
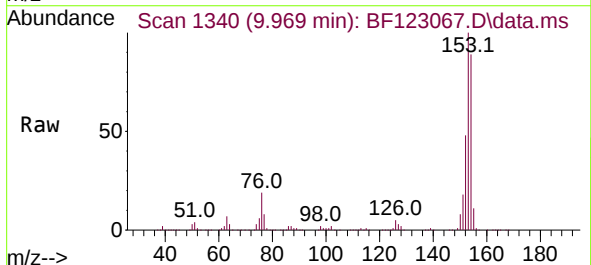
Instrument :
BNA_F
ClientSampleId :
CRT-5

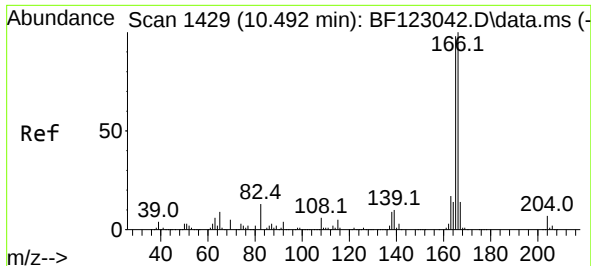
Tgt Ion:165 Resp: 86776
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.6 39.4 59.0#



#52
Acenaphthene
Concen: 10.91 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:154 Resp: 474279
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 53.8 42.7 64.1

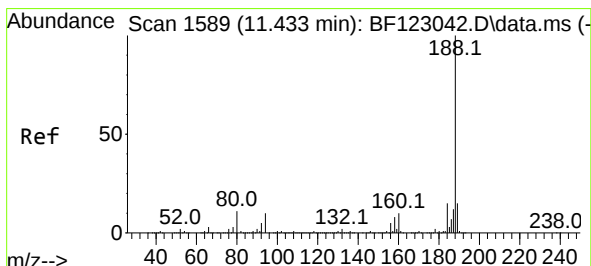
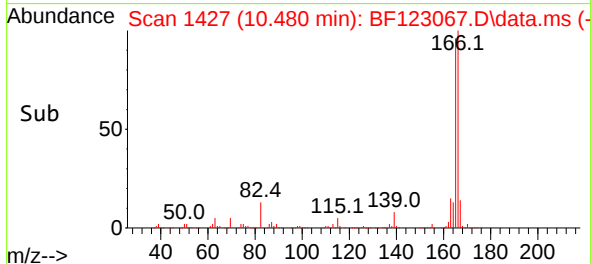
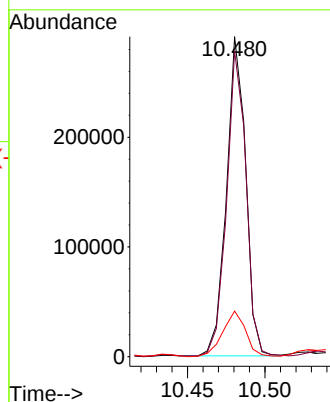
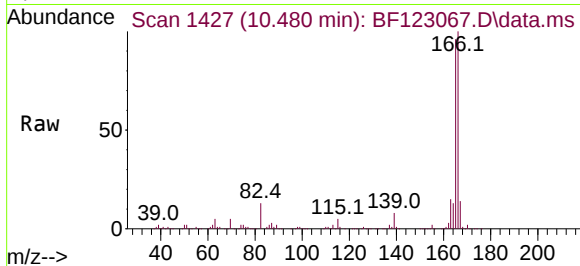




#58
Fluorene
Concen: 4.97 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

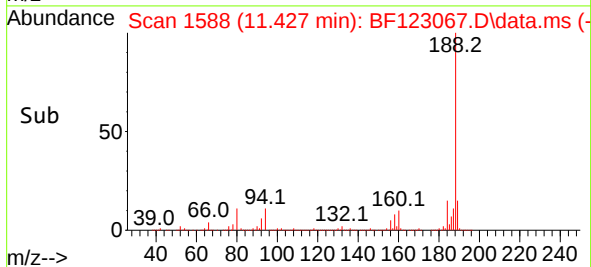
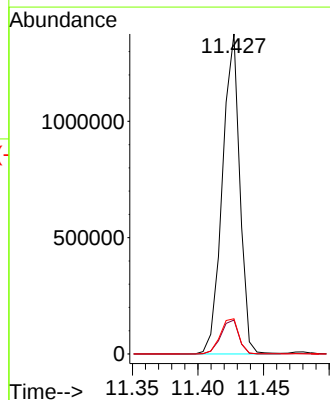
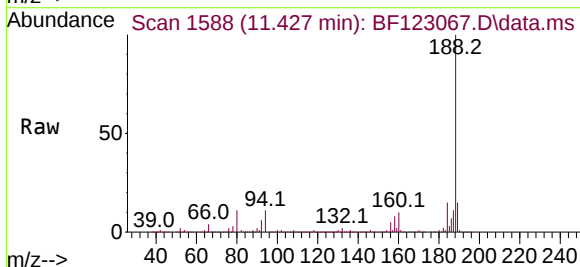
Instrument :
BNA_F
ClientSampleId :
CRT-5

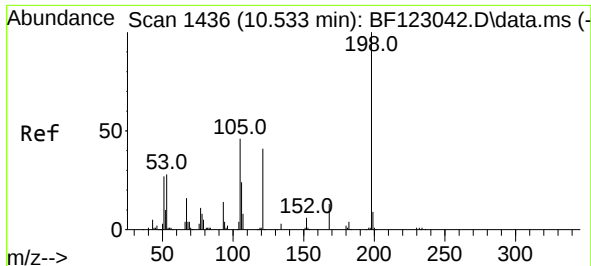
Tgt Ion:166 Resp: 250956
Ion Ratio Lower Upper
166 100
165 95.5 79.4 119.0
167 14.3 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:188 Resp: 1265998
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.0 8.2 12.4

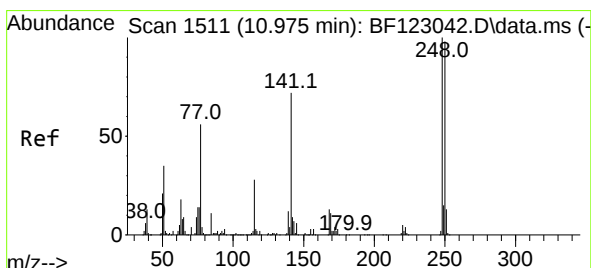
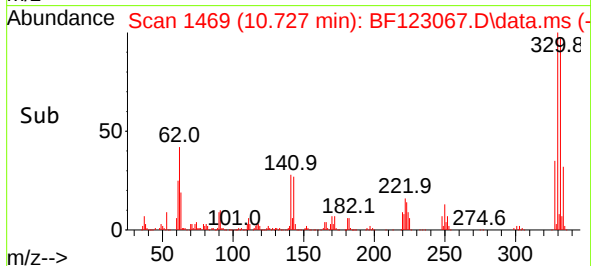
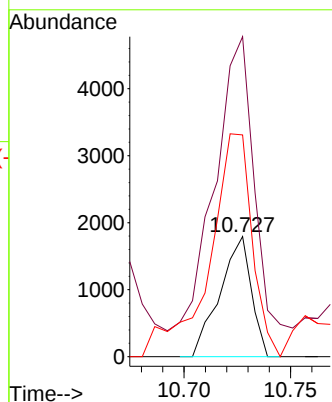
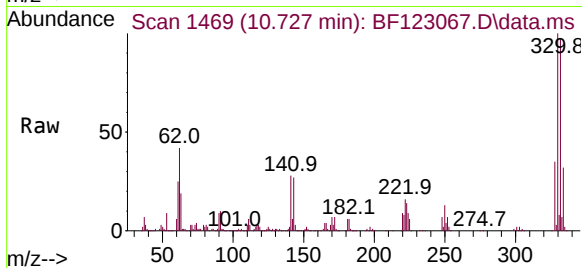




#65
4,6-Dinitro-2-methylphenol
Concen: 5.21 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

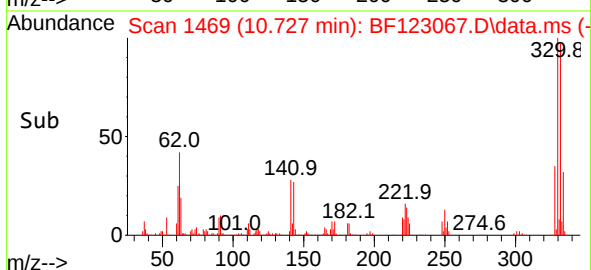
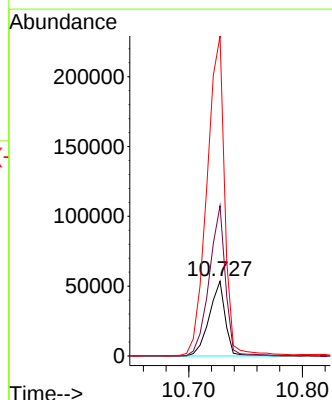
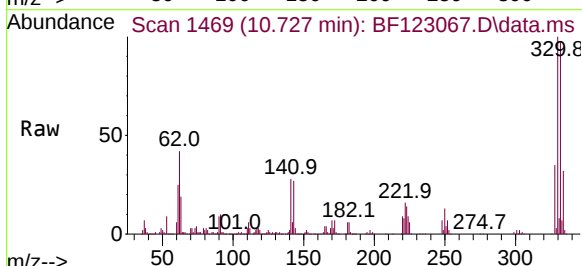
Instrument :
BNA_F
ClientSampled :
CRT-5

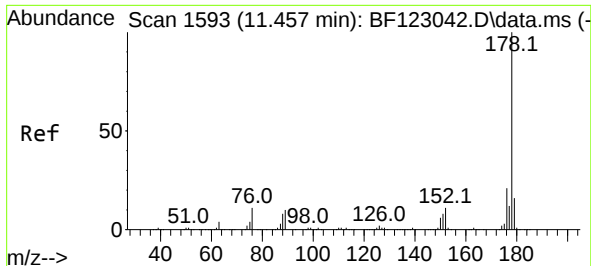
Tgt Ion:198 Resp: 1838
Ion Ratio Lower Upper
198 100
51 266.4 20.3 60.3#
105 184.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:248 Resp: 52497
Ion Ratio Lower Upper
248 100
250 201.1 76.8 115.2#
141 428.4 59.8 89.8#

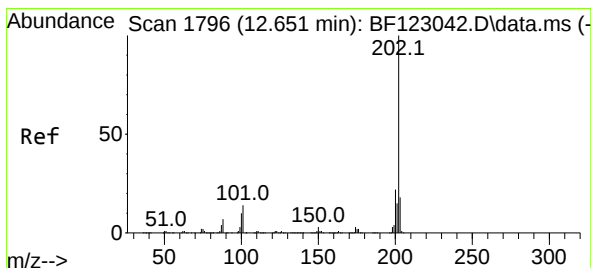
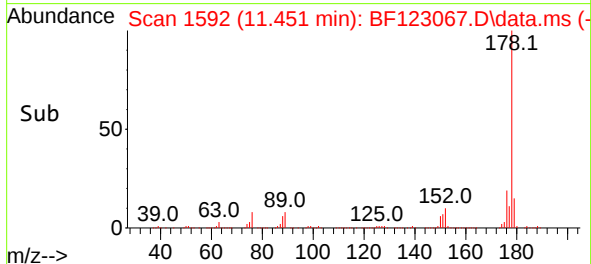
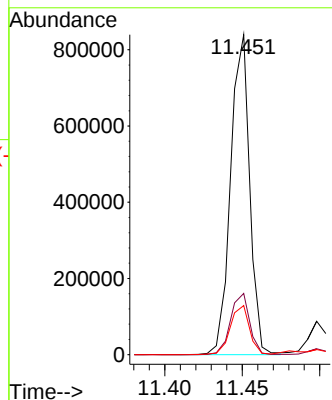
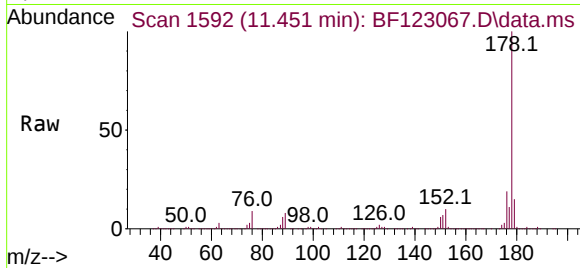




#71
Phenanthrene
Concen: 9.14 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

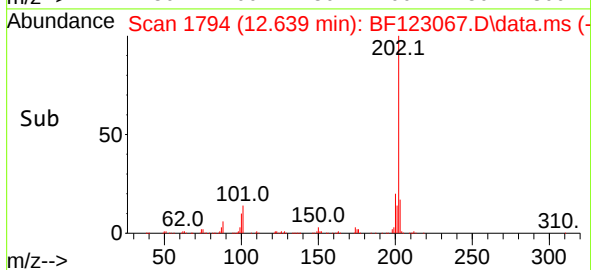
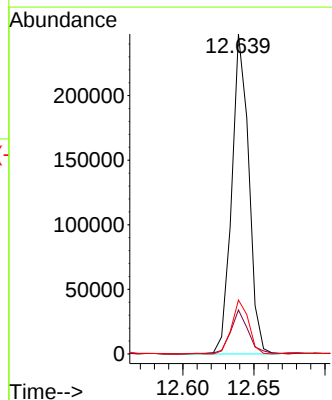
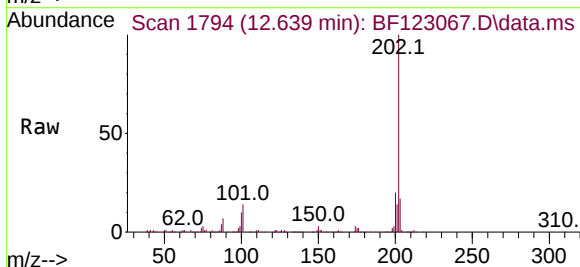
Instrument :
BNA_F
ClientSampleId :
CRT-5

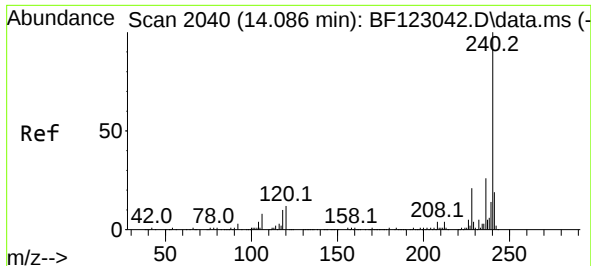
Tgt Ion:178 Resp: 718767
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.4 12.7 19.1



#75
Fluoranthene
Concen: 2.64 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

Tgt Ion:202 Resp: 207119
Ion Ratio Lower Upper
202 100
101 13.8 0.0 32.2
203 16.9 0.0 38.1

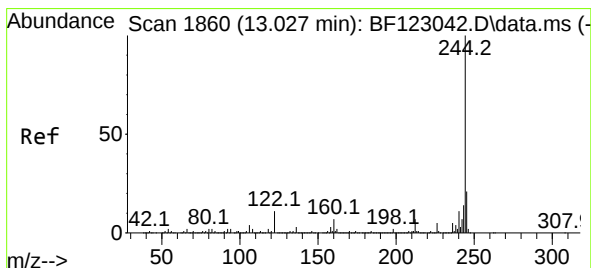
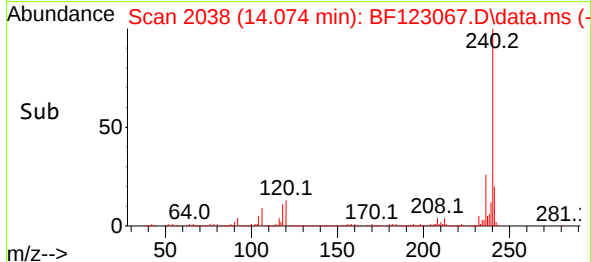
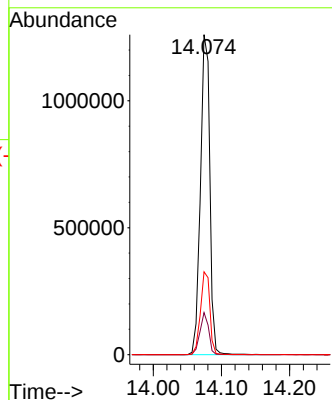
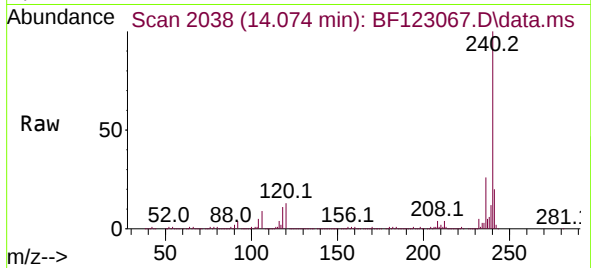




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

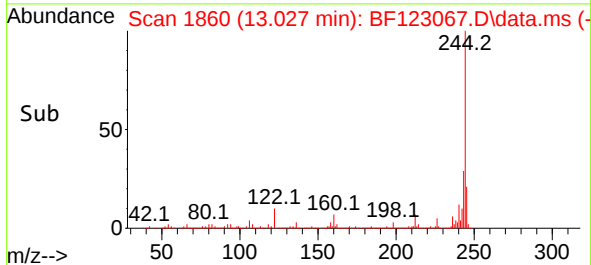
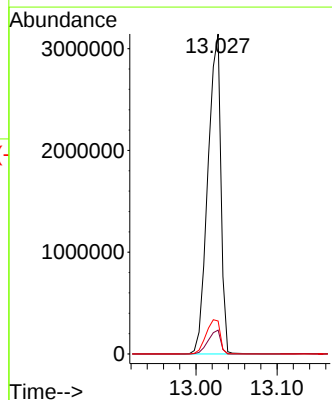
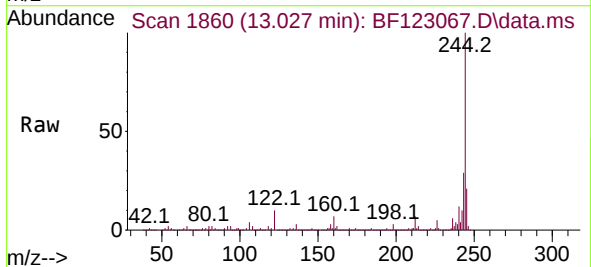
Instrument :
BNA_F
ClientSampled :
CRT-5

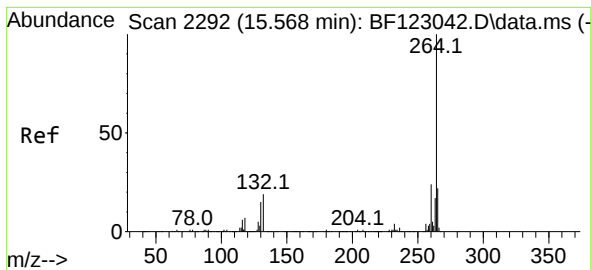
Tgt Ion:240 Resp: 1204703
Ion Ratio Lower Upper
240 100
120 13.1 8.6 12.8#
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 56.70 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123067.D
Acq: 28 Jan 2021 19:12

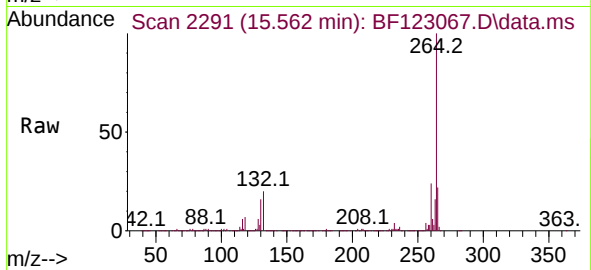
Tgt Ion:244 Resp: 3476498
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123067.D
 Acq: 28 Jan 2021 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CRT-5



Tgt Ion:264 Resp: 1049659

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.0	25.6

