

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123085.D
 Acq On : 29 Jan 2021 16:42
 Operator : JU/CG
 Sample : M1255-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-17

Quant Time: Jan 29 23:05:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

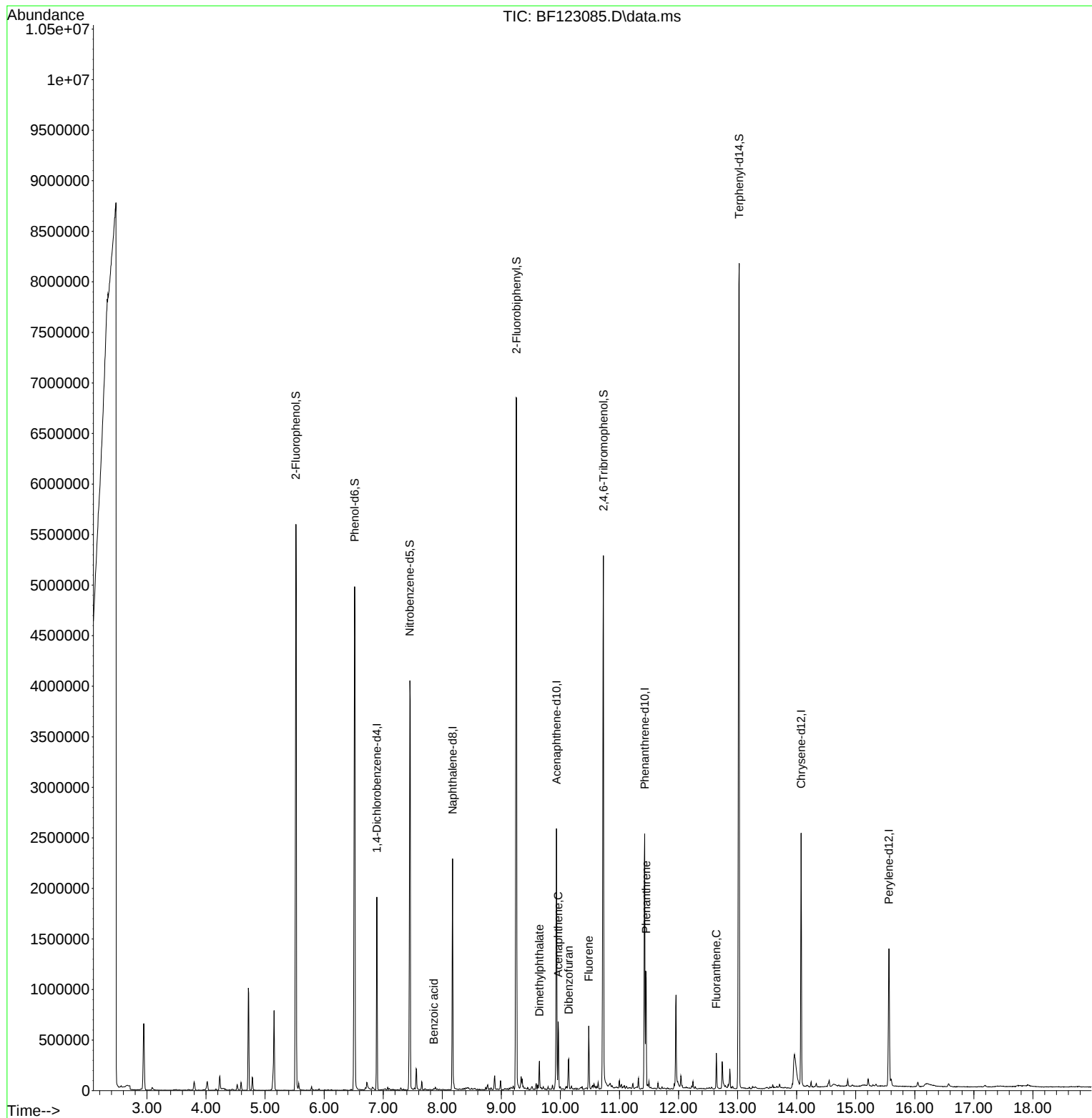
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	252603	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	976379	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	521368	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	948932	20.00	ng	0.00
76) Chrysene-d12	14.074	240	805065	20.00	ng	-0.01
86) Perylene-d12	15.563	264	635375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1838260	112.26	ng	0.02
7) Phenol-d6	6.516	99	2178582	98.15	ng	0.00
23) Nitrobenzene-d5	7.451	82	1519104	78.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	764034	135.00	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2622045	74.76	ng	0.00
79) Terphenyl-d14	13.027	244	3143720	76.72	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	7.857	122	4989	5.29	ng	95
50) Dimethylphthalate	9.645	163	110847	2.71	ng	99
52) Acenaphthene	9.963	154	148407	4.41	ng	100
55) Dibenzofuran	10.139	168	120206	2.45	ng	97
58) Fluorene	10.481	166	165893	4.24	ng	97
71) Phenanthrene	11.451	178	438935	7.45	ng	96
75) Fluoranthene	12.639	202	123839	2.10	ng	99

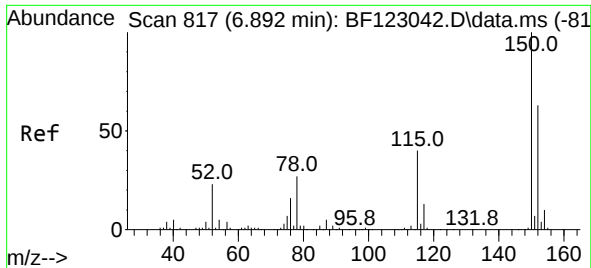
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
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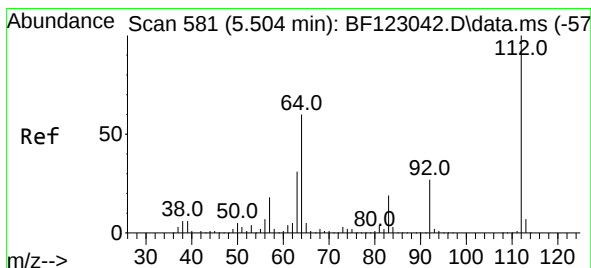
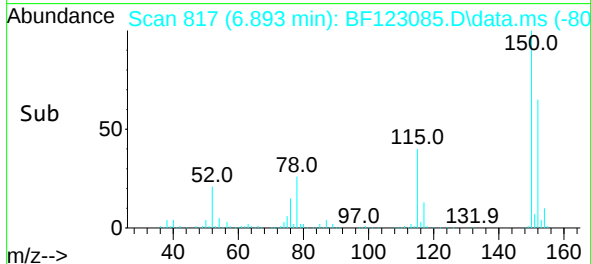
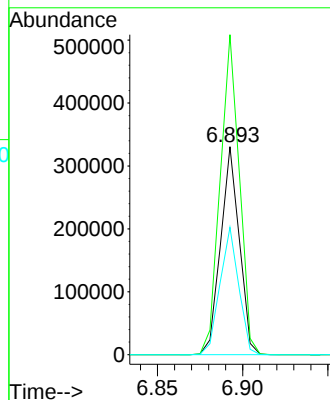
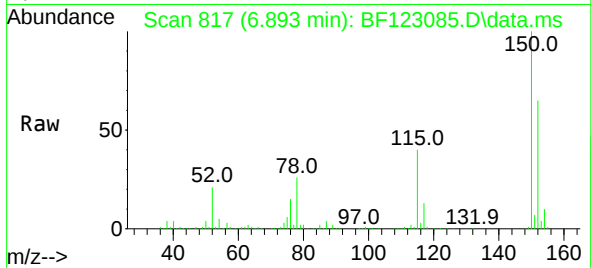




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

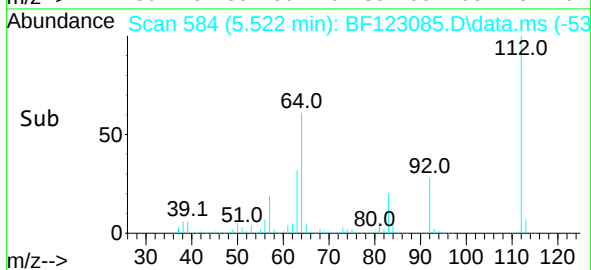
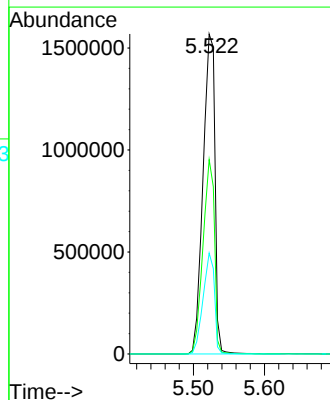
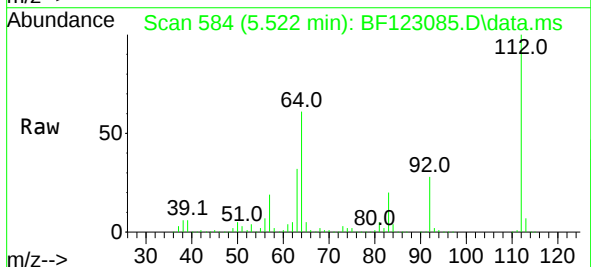
Instrument :
BNA_F
ClientSampleId :
CRT-17

Tgt Ion:152 Resp: 252603
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 61.3 49.3 73.9



#5
2-Fluorophenol
Concen: 112.26 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:112 Resp: 1838260
Ion Ratio Lower Upper
112 100
64 60.8 46.9 70.3
63 31.6 24.5 36.7



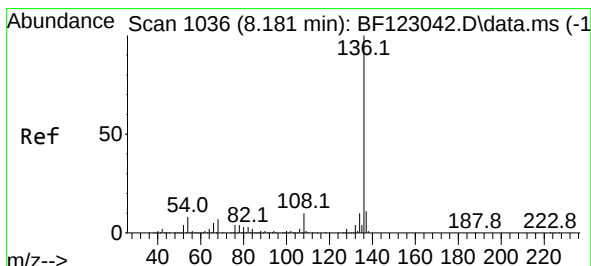
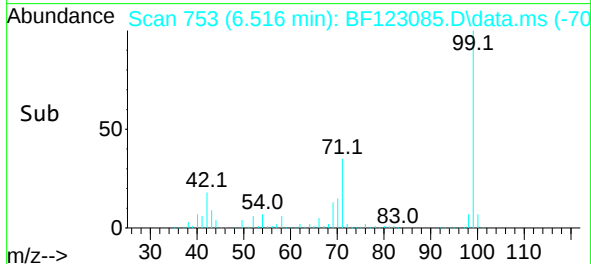
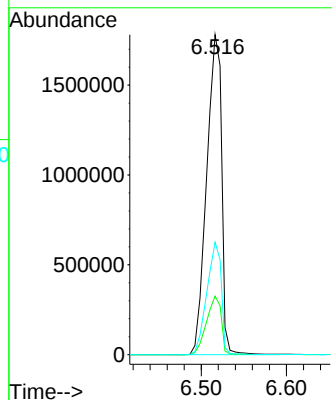
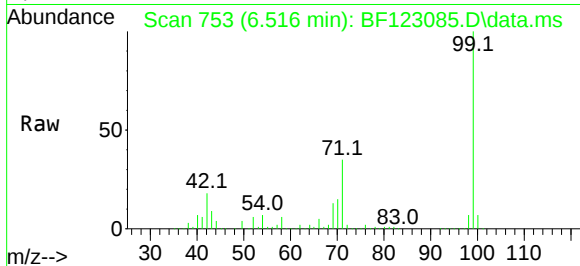


#7
Phenol-d6
Concen: 98.15 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Instrument :
BNA_F
ClientSampled :
CRT-17

Tgt Ion: 99 Resp: 2178582

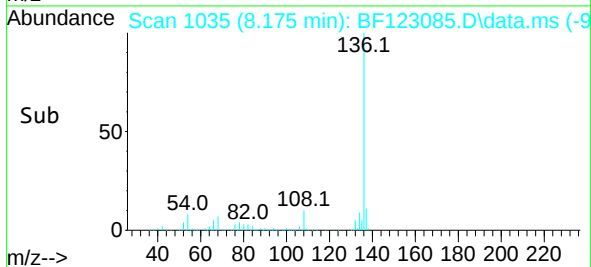
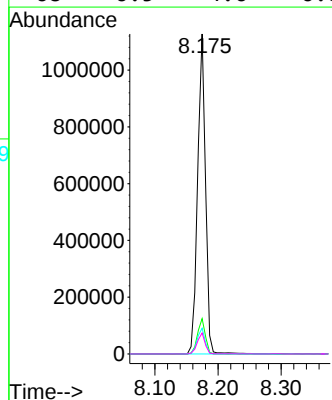
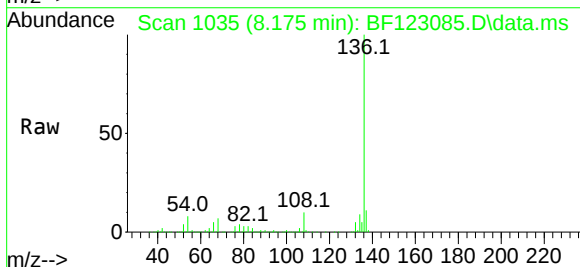
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.8	20.6
71	35.2	26.9	40.3

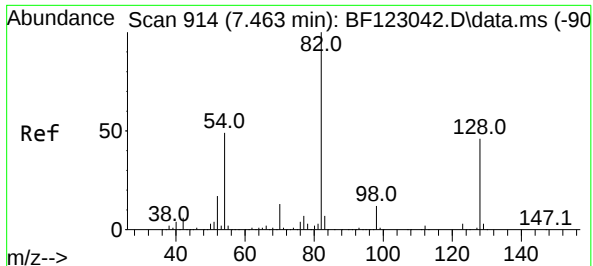


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion: 136 Resp: 976379

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.5	8.3
68	6.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.30 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123085.D

Acq: 29 Jan 2021 16:42

Tgt Ion: 82 Resp: 1519104

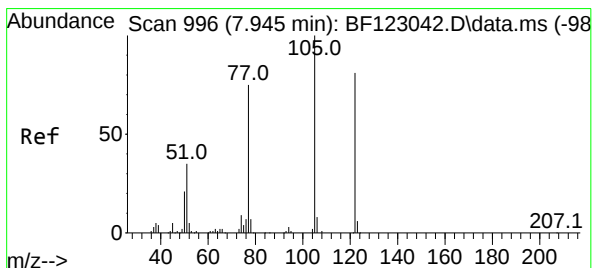
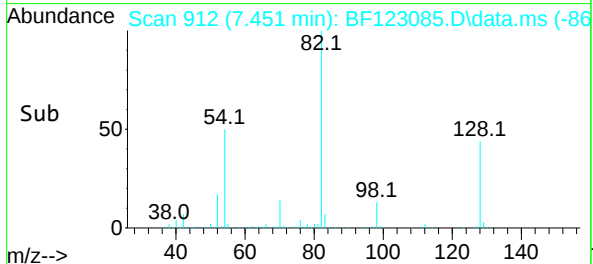
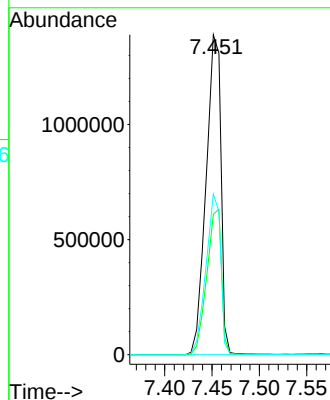
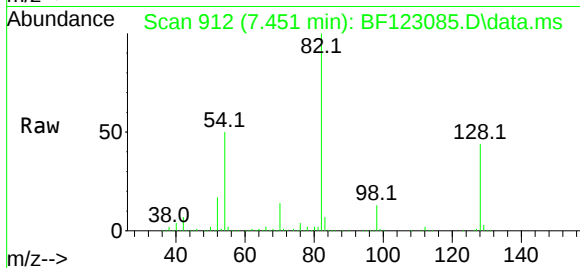
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.4
54	50.2	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

CRT-17



#32

Benzoic acid

Concen: 5.29 ng

RT: 7.857 min Scan# 981

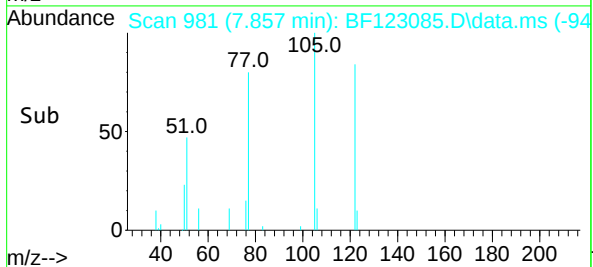
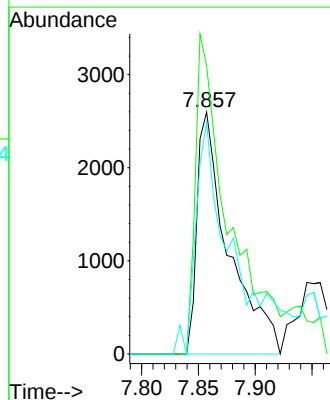
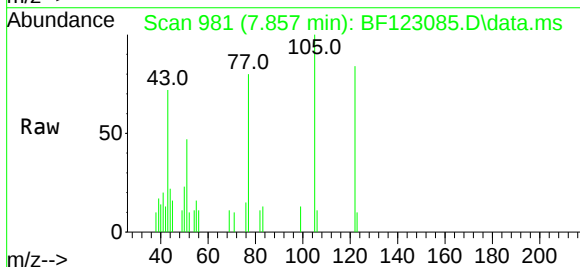
Delta R.T. -0.088 min

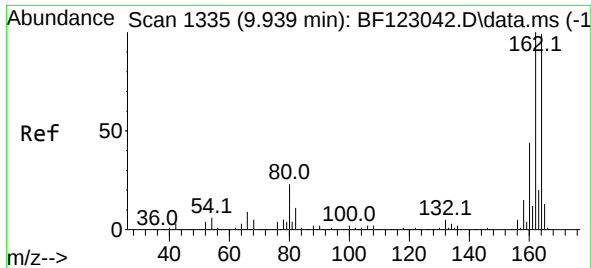
Lab File: BF123085.D

Acq: 29 Jan 2021 16:42

Tgt Ion:122 Resp: 4989

Ion	Ratio	Lower	Upper
122	100		
105	119.1	104.8	144.8
77	95.9	71.0	111.0

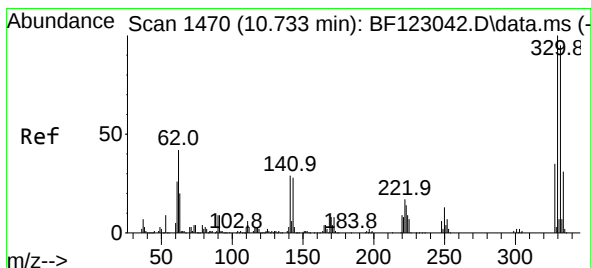
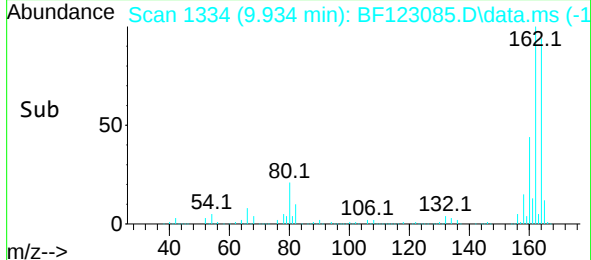
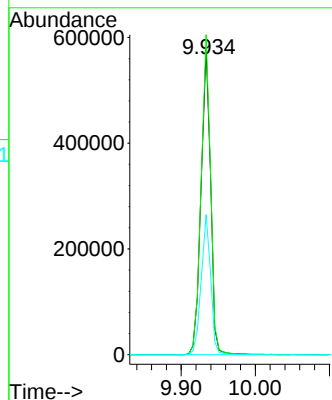
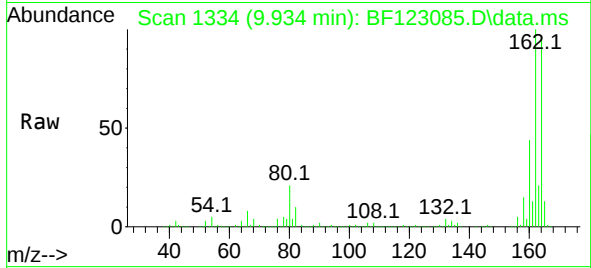




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

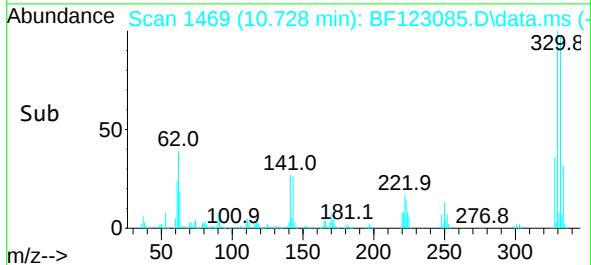
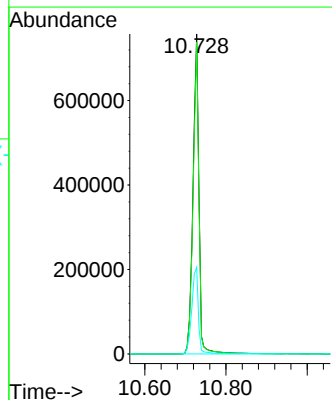
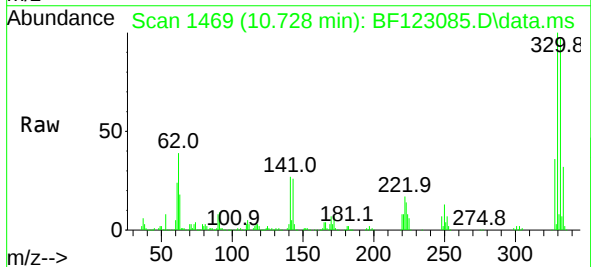
Instrument :
BNA_F
ClientSampled :
CRT-17

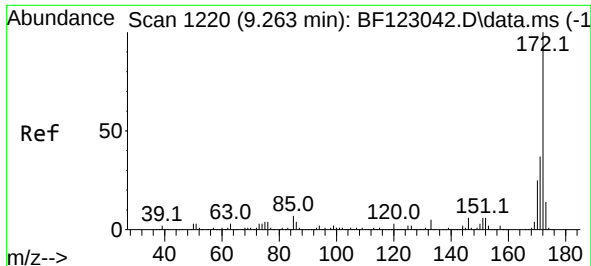
Tgt Ion:164 Resp: 521368
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 135.00 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:330 Resp: 764034
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 30.5 23.8 35.8

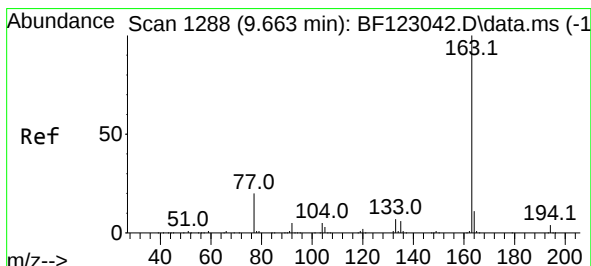
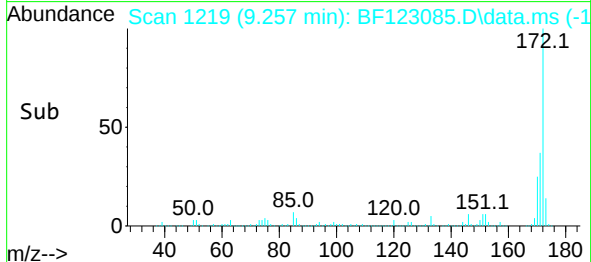
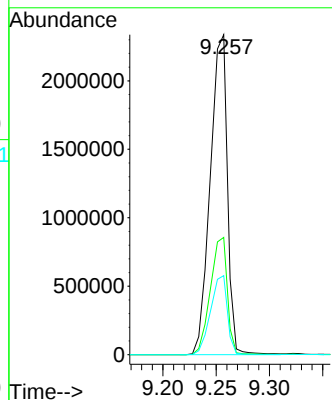
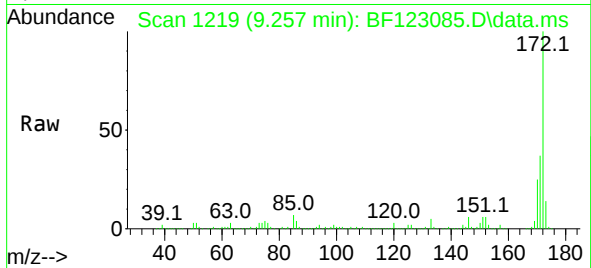




#45
2-Fluorobiphenyl
Concen: 74.76 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

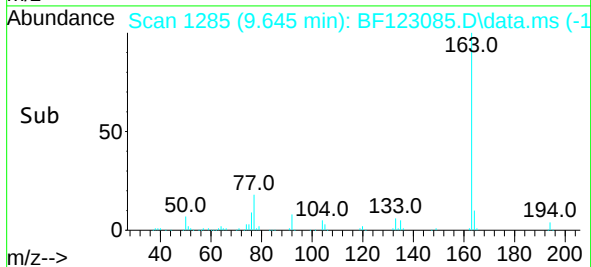
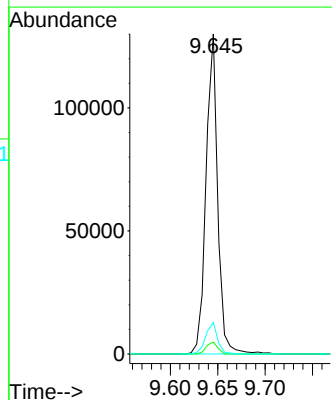
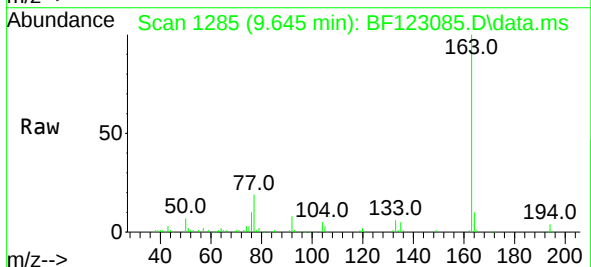
Instrument :
BNA_F
ClientSampleId :
CRT-17

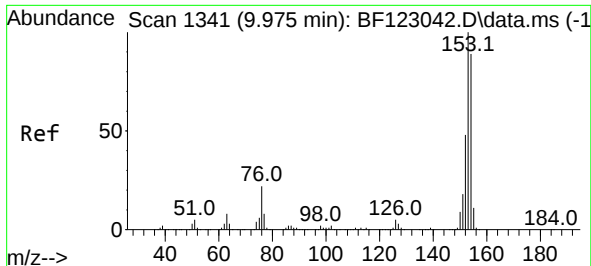
Tgt Ion:172 Resp: 2622045
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.71 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

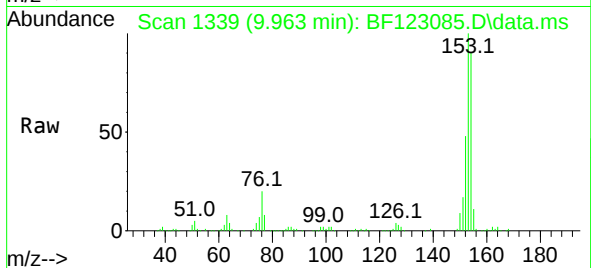
Tgt Ion:163 Resp: 110847
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.1 12.1



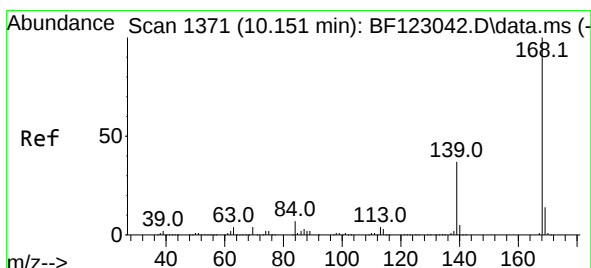
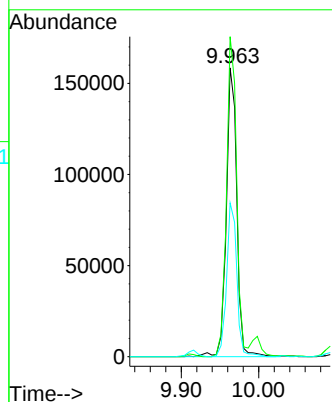
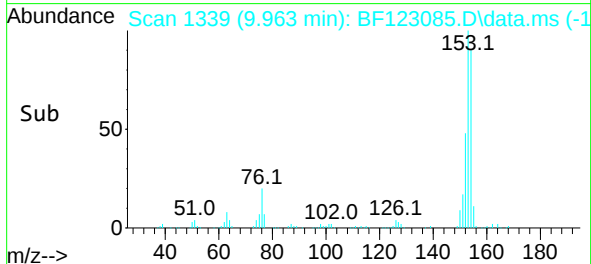


#52
Acenaphthene
Concen: 4.41 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

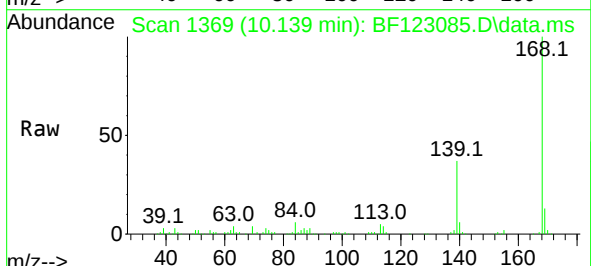
Instrument :
BNA_F
ClientSampled :
CRT-17



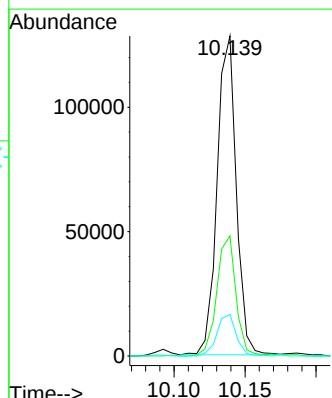
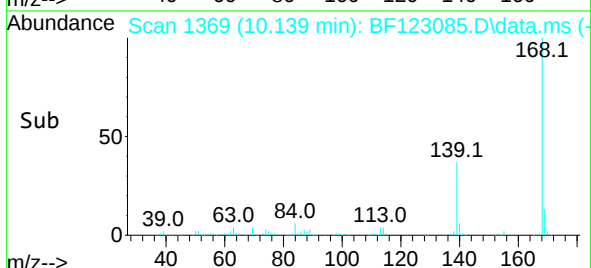
Tgt Ion:154 Resp: 148407
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.6
152 53.2 42.7 64.1

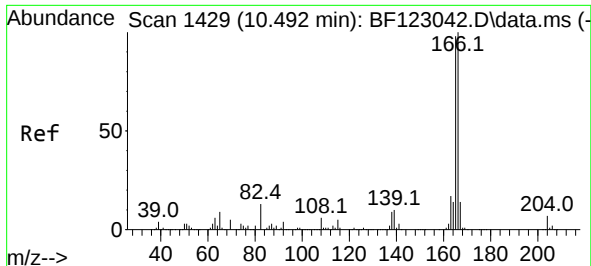


#55
Dibenzofuran
Concen: 2.45 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42



Tgt Ion:168 Resp: 120206
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.0 11.2 16.8

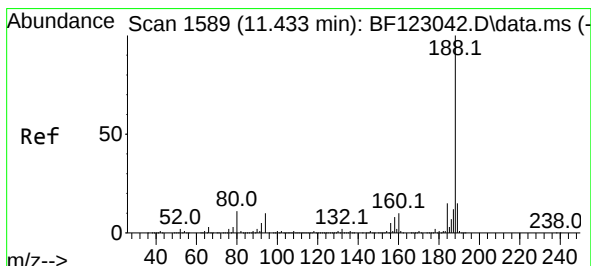
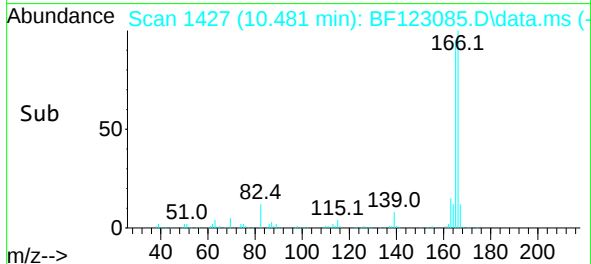
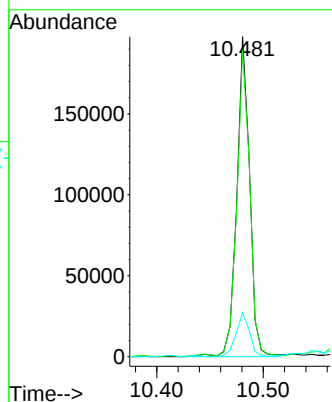
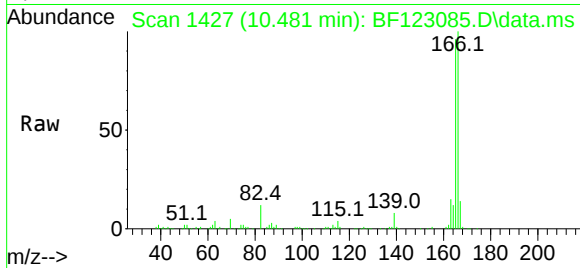




#58
Fluorene
Concen: 4.24 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

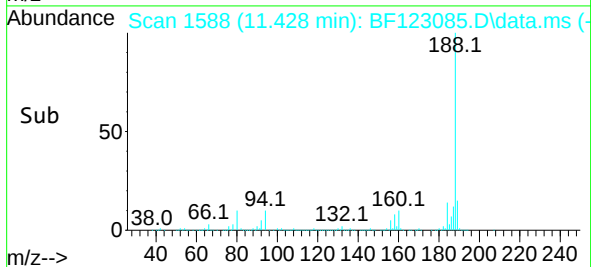
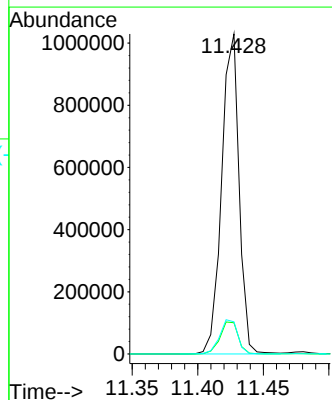
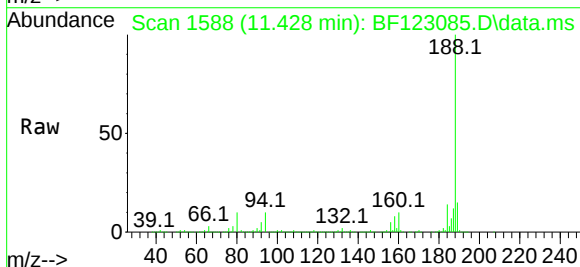
Instrument :
BNA_F
ClientSampled :
CRT-17

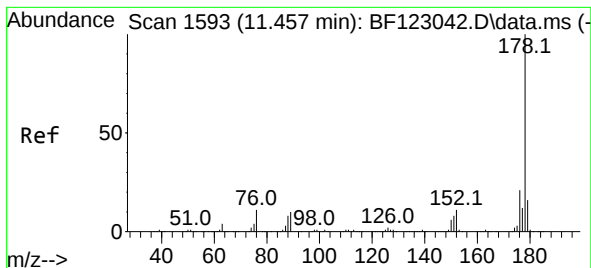
Tgt Ion:166 Resp: 165893
Ion Ratio Lower Upper
166 100
165 95.7 79.4 119.0
167 13.8 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:188 Resp: 948932
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.0 8.2 12.4

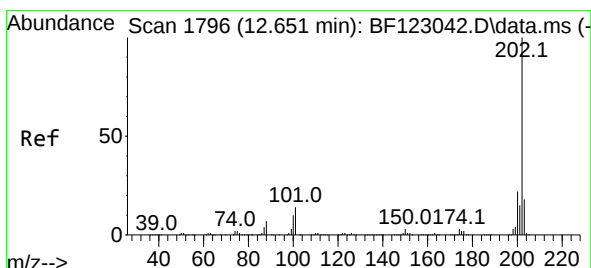
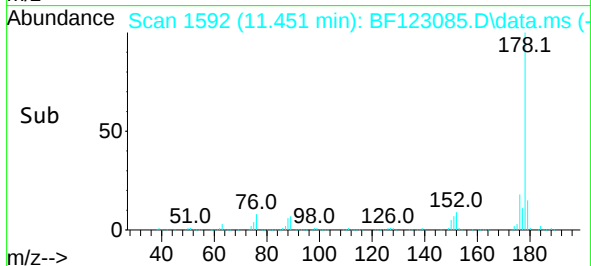
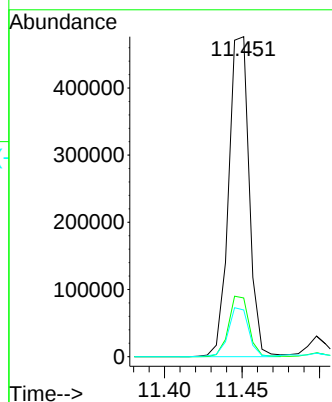
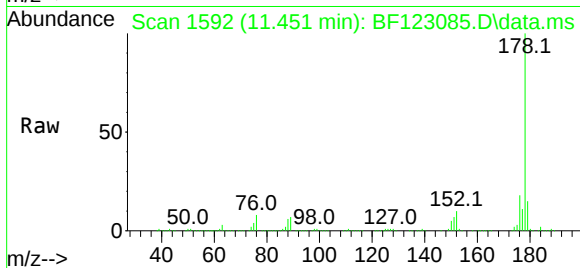




#71
Phenanthrene
Concen: 7.45 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

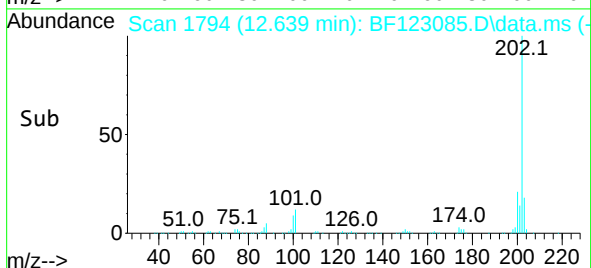
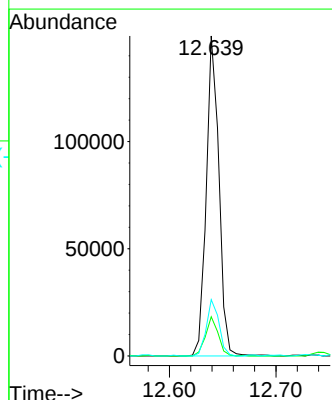
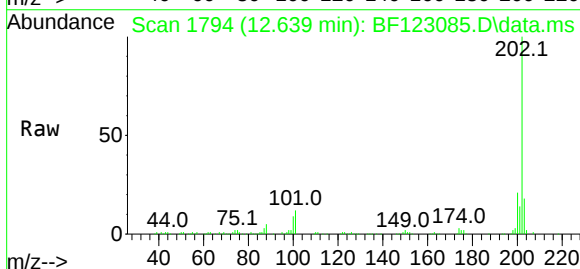
Instrument :
BNA_F
ClientSampleId :
CRT-17

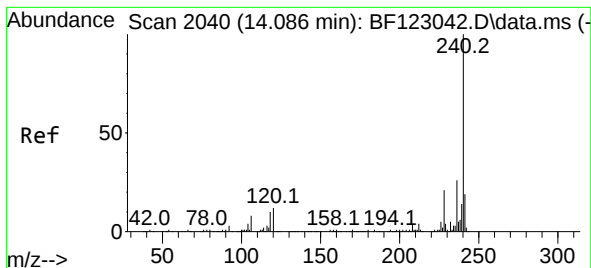
Tgt Ion:178 Resp: 438935
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.2
179 14.6 12.7 19.1



#75
Fluoranthene
Concen: 2.10 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:202 Resp: 123839
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.2
203 17.6 0.0 38.1

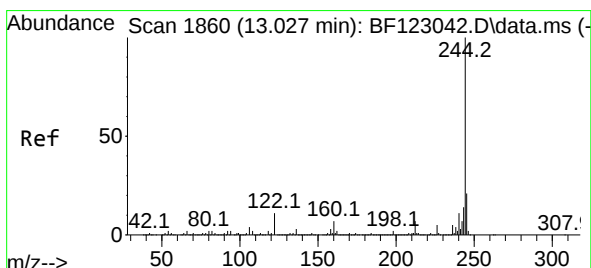
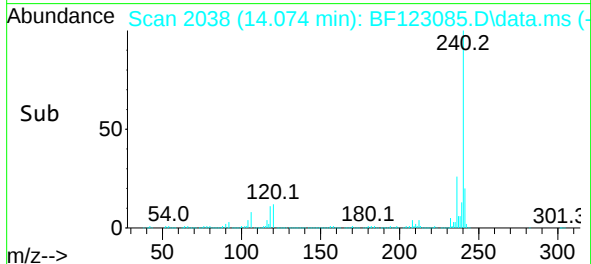
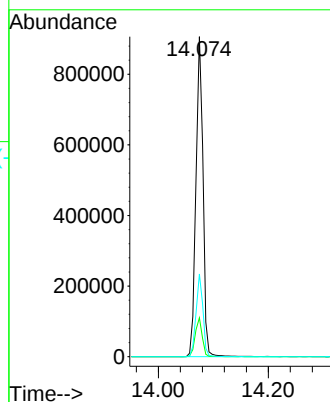
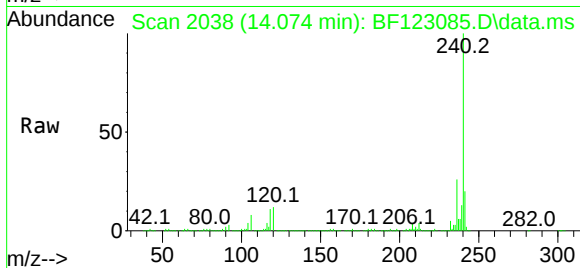




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

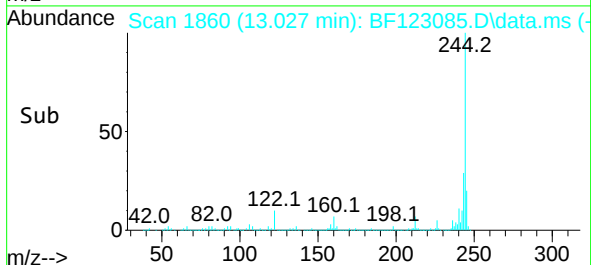
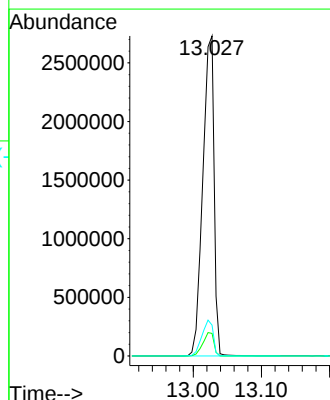
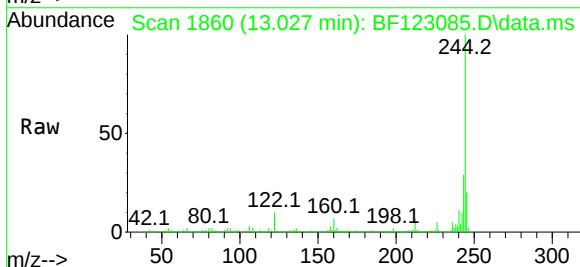
Instrument :
BNA_F
ClientSampleId :
CRT-17

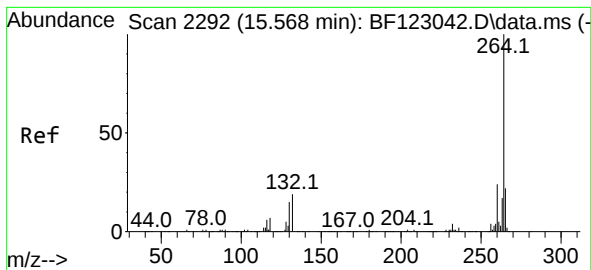
Tgt Ion:240 Resp: 805065
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 76.72 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

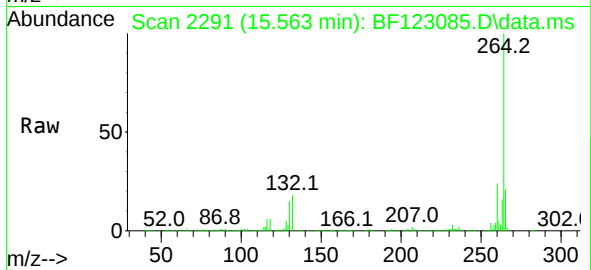
Tgt Ion:244 Resp: 3143720
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123085.D
 Acq: 29 Jan 2021 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CRT-17



Tgt Ion:264 Resp: 635375

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	20.7	17.0	25.6

