

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 22:36:16 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)

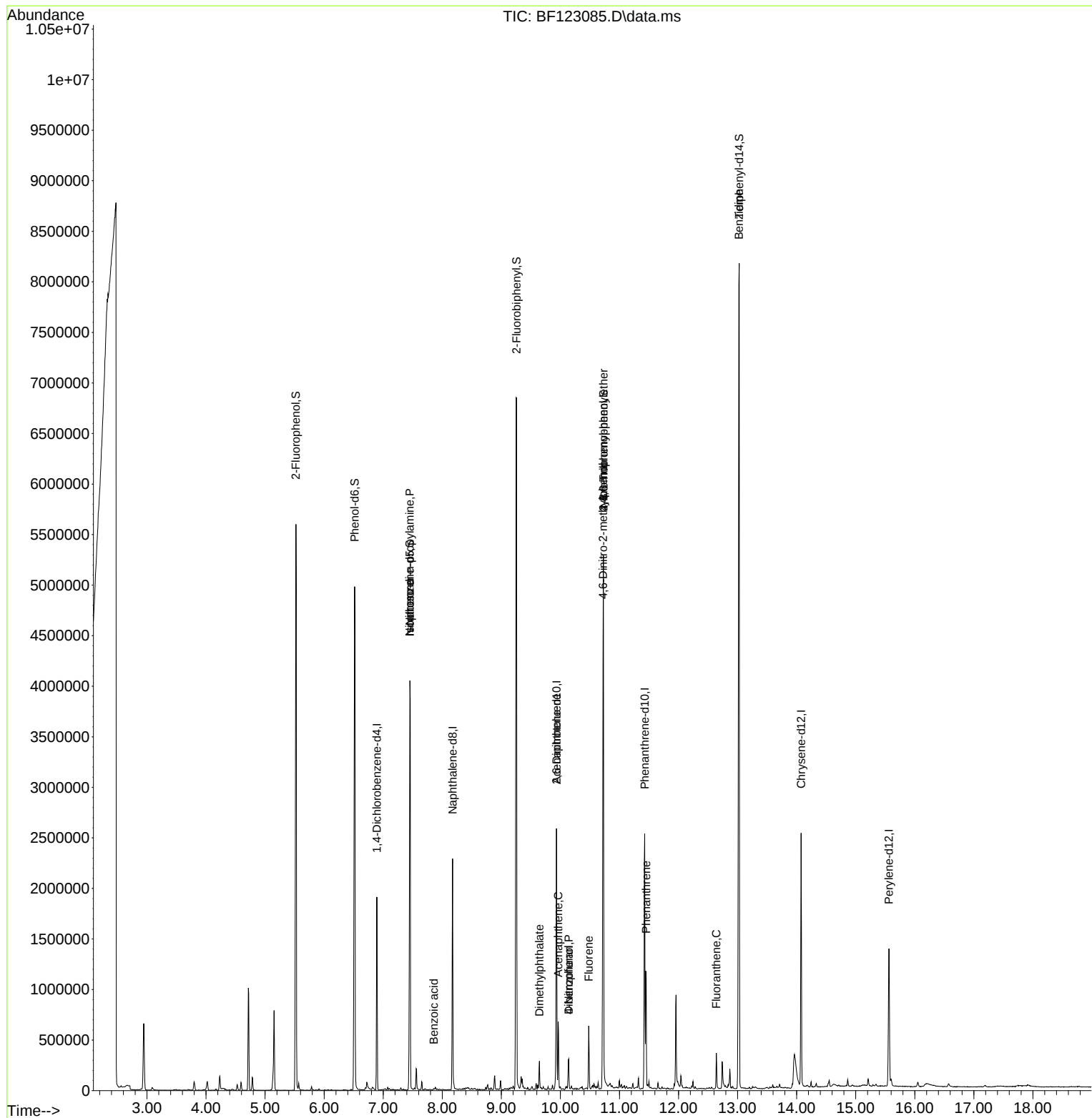
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	252603	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	976379	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	521368	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	948932	20.00	ng	0.00
76) Chrysene-d12	14.074	240	805065	20.00	ng	-0.01
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.451	70	205219	15.37	ng	# 80
25) Isophorone	7.451	82	1519090	42.75	ng	# 65
32) Benzoic acid	7.857	122	4989	5.29	ng	95
50) Dimethylphthalate	9.645	163	110847	2.71	ng	99
51) 2,6-Dinitrotoluene	9.934	165	71541	8.21	ng	# 31
52) Acenaphthene	9.963	154	148407	4.41	ng	100
55) Dibenzofuran	10.139	168	120206	2.45	ng	97
56) 4-Nitrophenol	10.139	139	46014	6.18	ng	# 15
58) Fluorene	10.481	166	165893	4.24	ng	97
65) 4,6-Dinitro-2-methylph...	10.722	198	1745	5.27	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	49410	4.09	ng	# 1
71) Phenanthrene	11.451	178	438935	7.45	ng	96
75) Fluoranthene	12.639	202	123839	2.10	ng	99
77) Benzidine	13.022	184	41825	2.30	ng	95

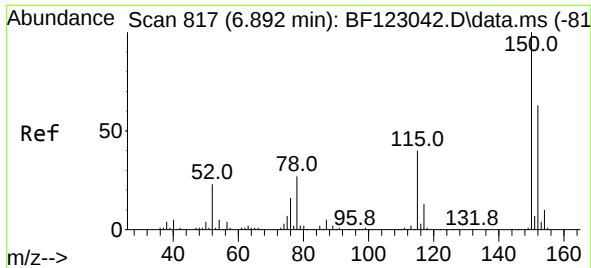
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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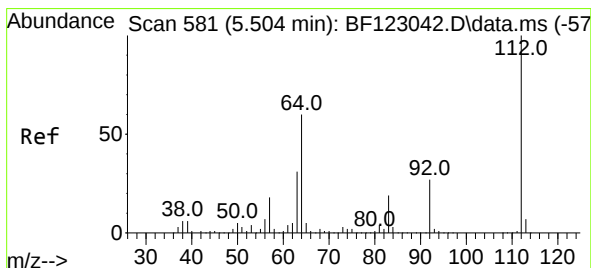
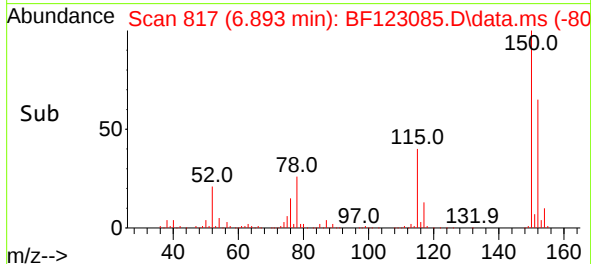
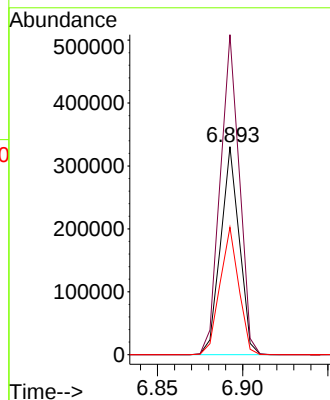
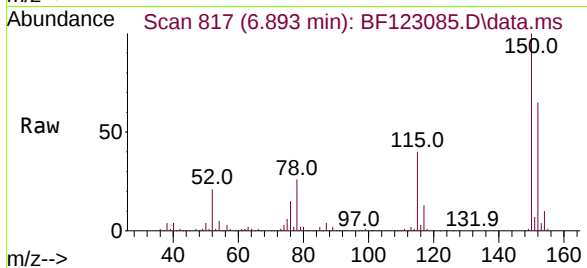




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

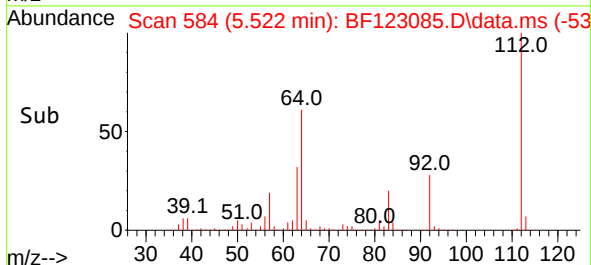
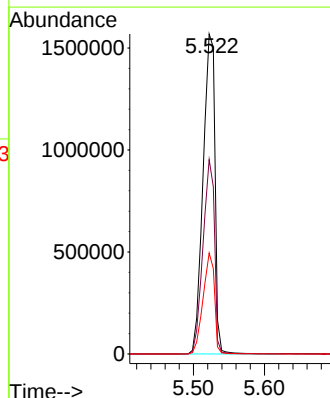
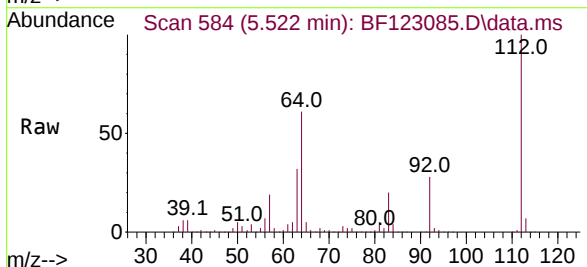
Instrument :
BNA_F
ClientSampled :
CRT-17

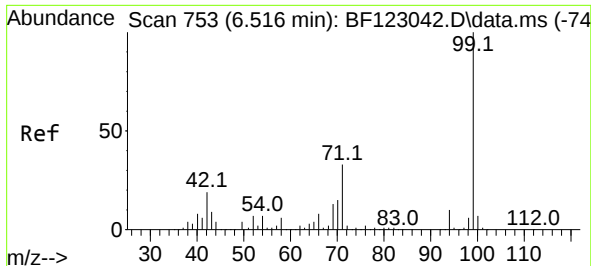
Tgt Ion:152 Resp: 252603
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 61.3 49.3 73.9



#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

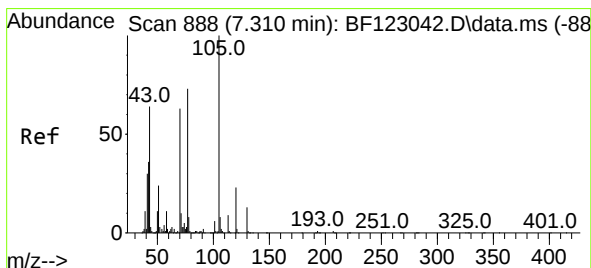
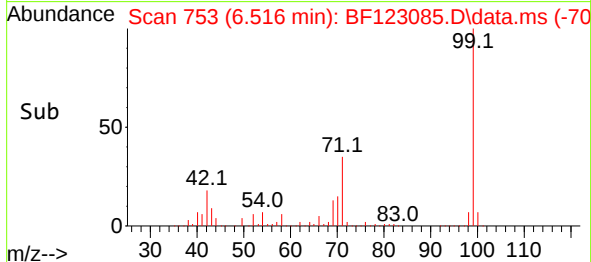
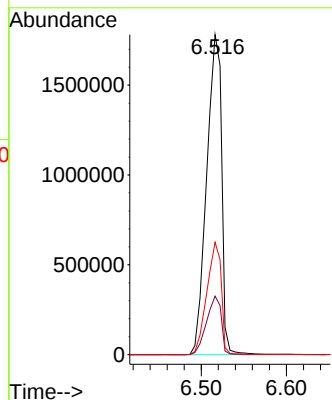
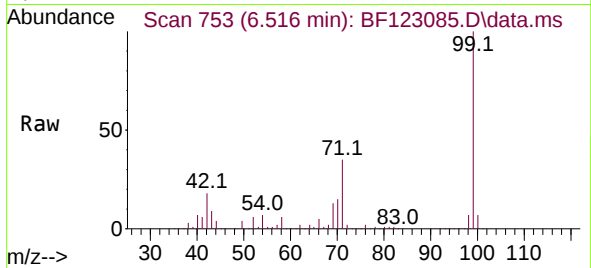




#7
Phenol-d6
Concen: 98.15 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

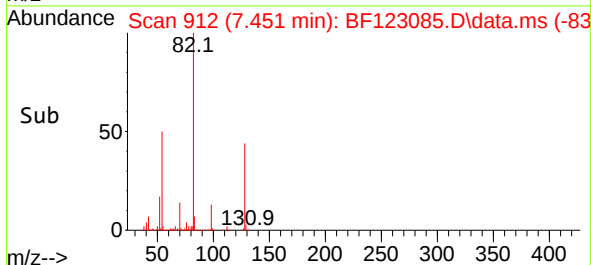
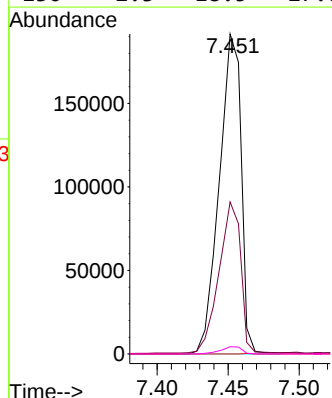
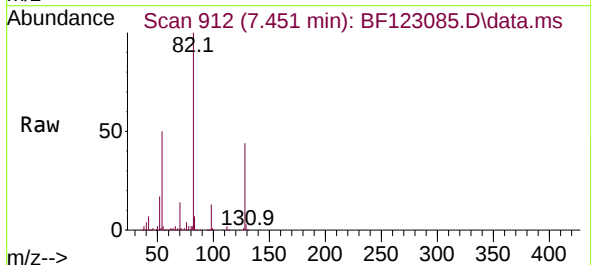
Instrument :
BNA_F
ClientSampleId :
CRT-17

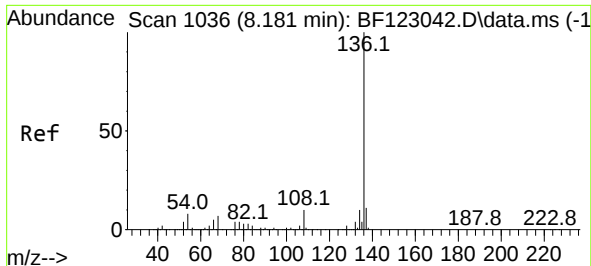
Tgt Ion: 99 Resp: 2178582
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.6
71 35.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion: 70 Resp: 205219
Ion Ratio Lower Upper
70 100
42 47.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#

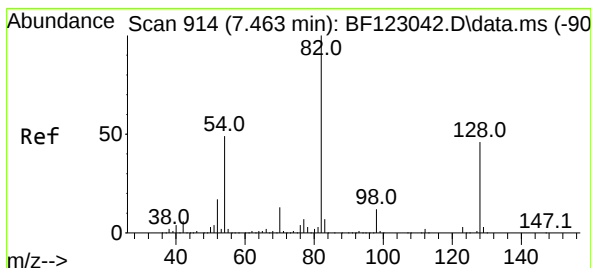
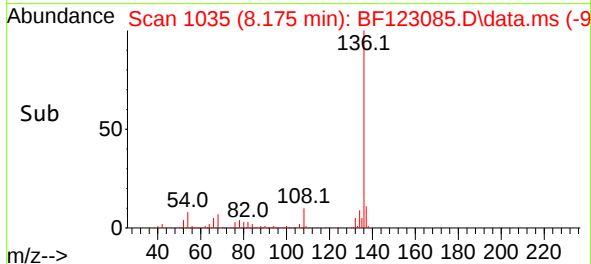
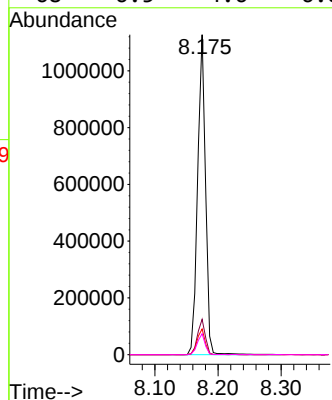
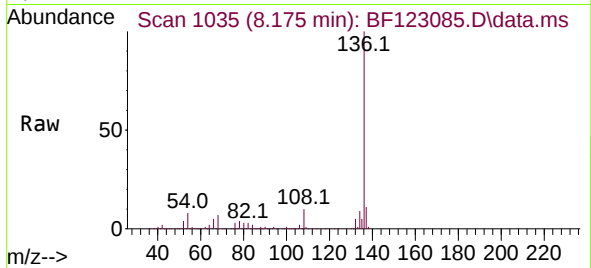




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

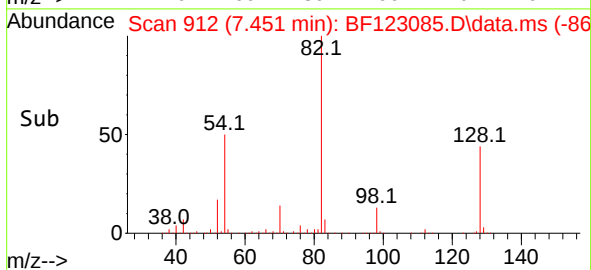
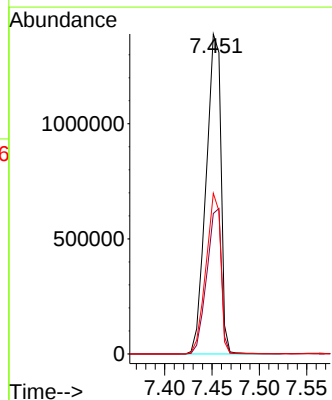
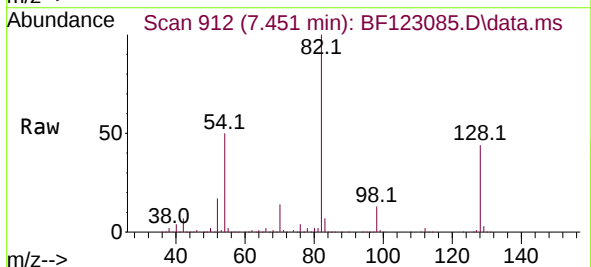
Instrument :
BNA_F
ClientSampleId :
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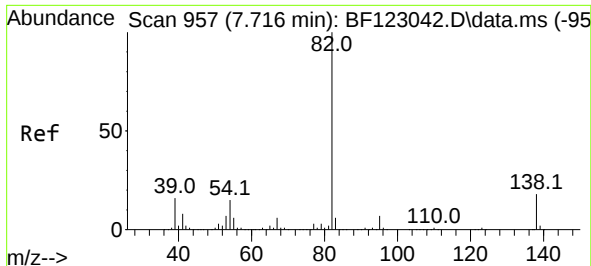
Tgt Ion:	136	Resp:	976379
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.5	8.3
68	6.5	4.6	6.8



#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

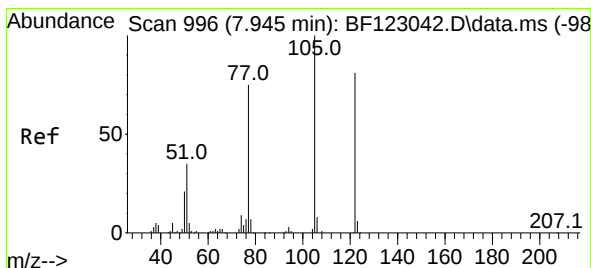
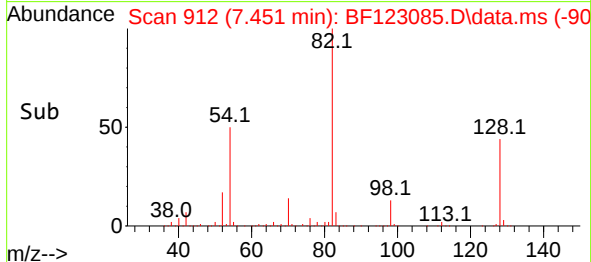
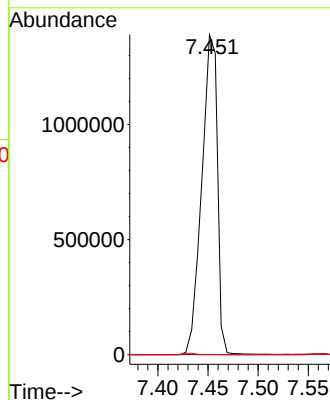
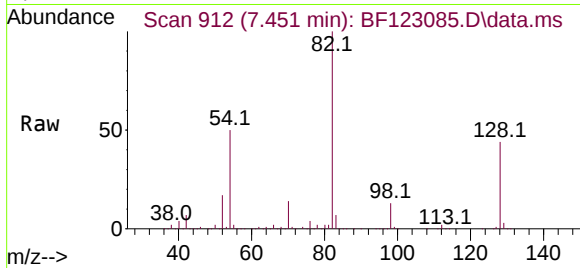




#25
Isophorone
Concen: 42.75 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

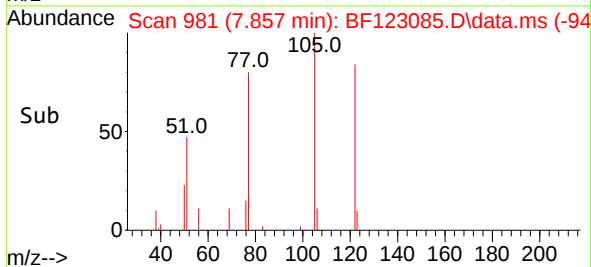
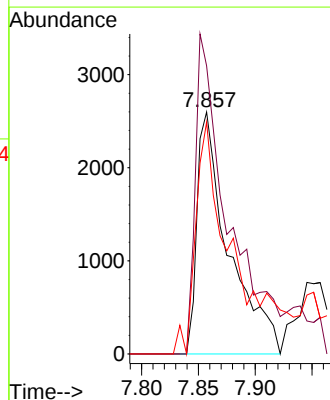
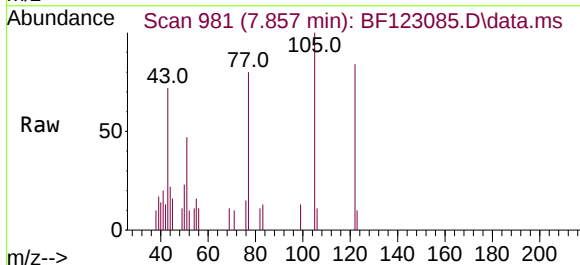
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ClientSampleId :
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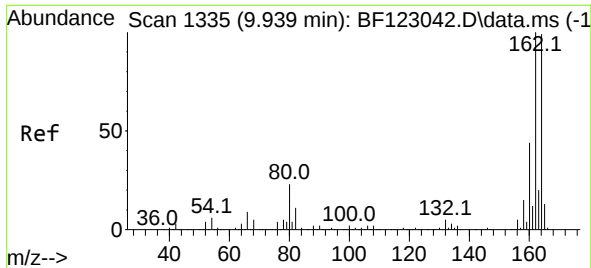
Tgt Ion: 82 Resp: 1519090
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.29 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

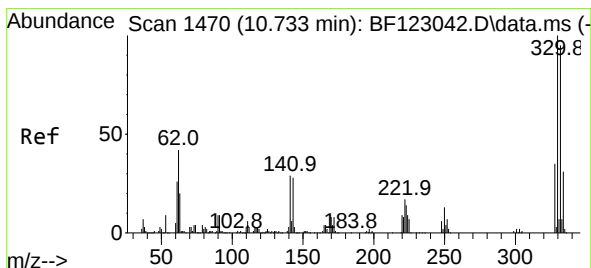
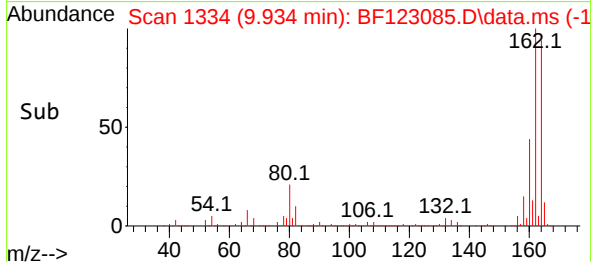
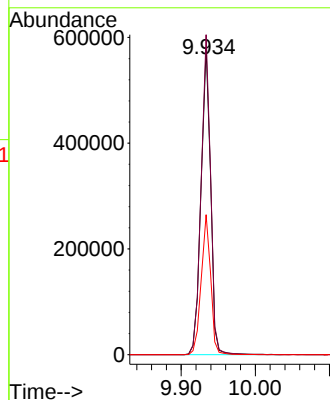
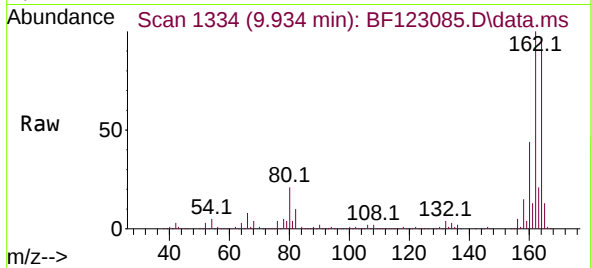




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

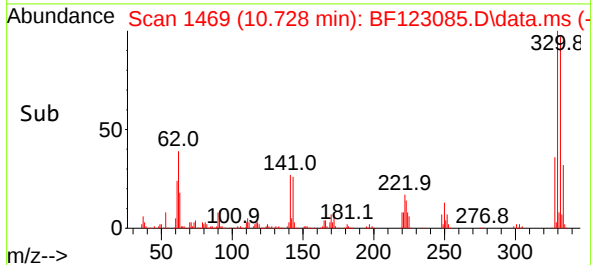
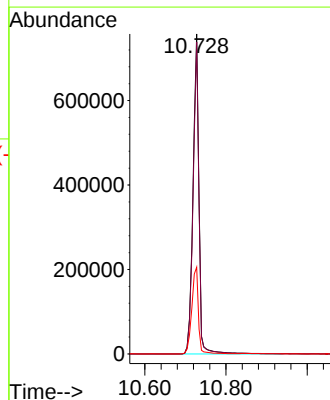
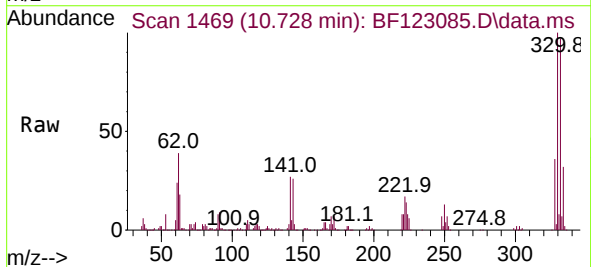
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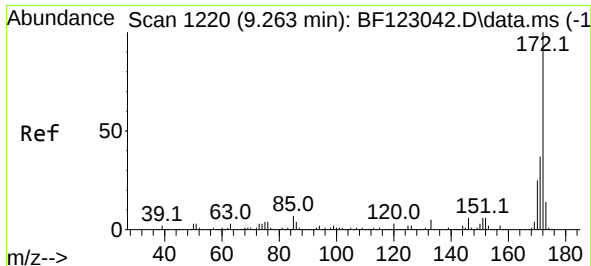
Tgt Ion:164 Resp: 521368
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 45.6 35.4 53.0



#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

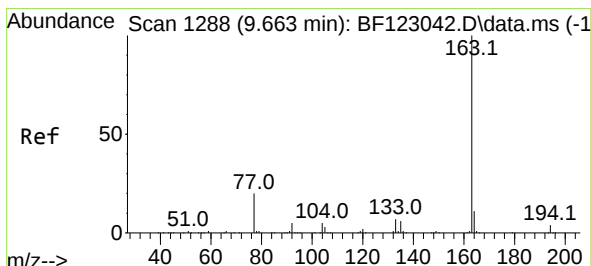
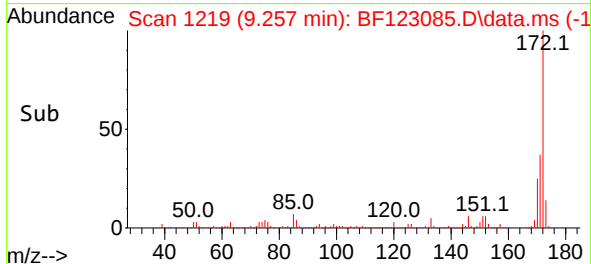
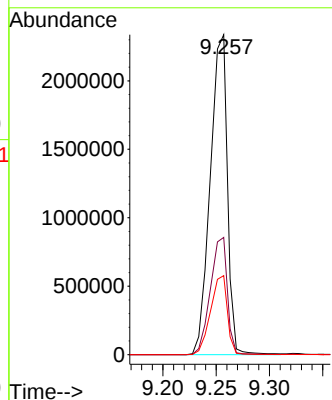
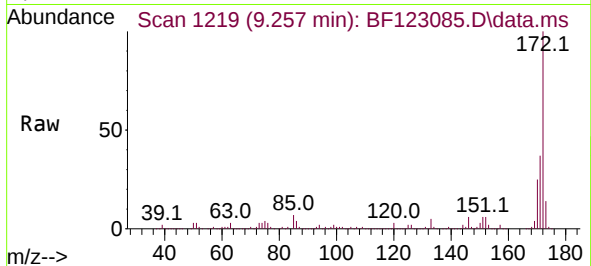




#45
2-Fluorobiphenyl
Concen: 74.76 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

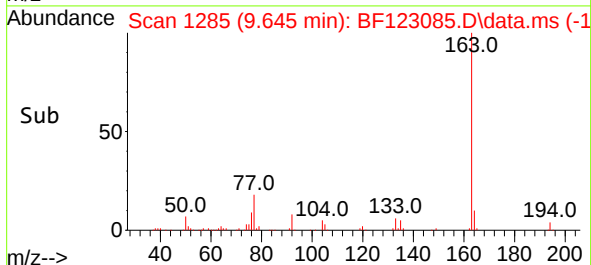
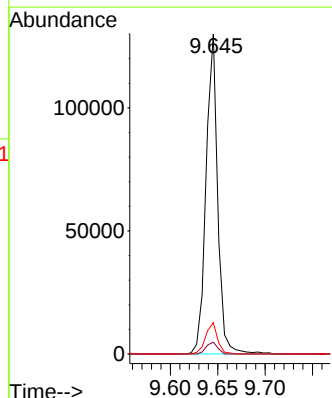
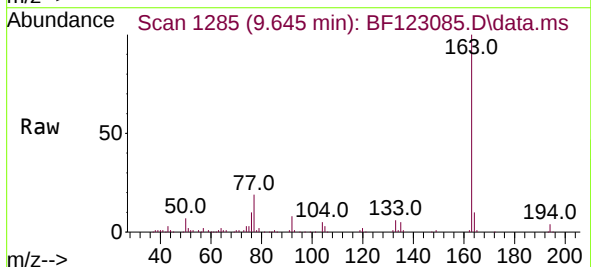
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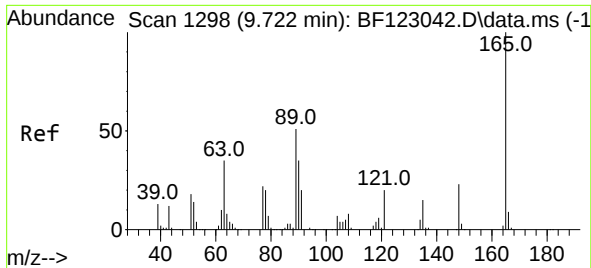
Tgt Ion:172 Resp: 2622045
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.7 19.5 29.3



#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

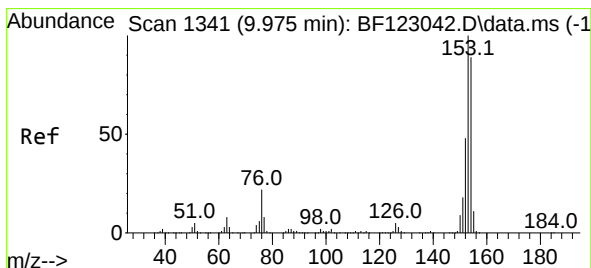
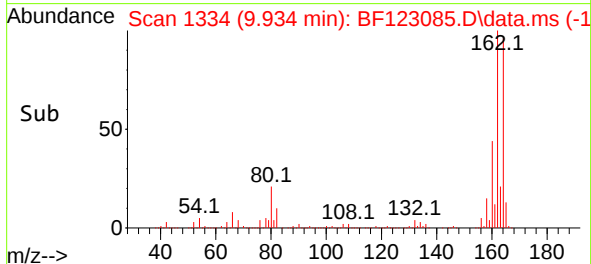
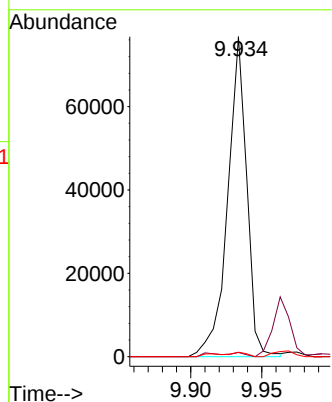
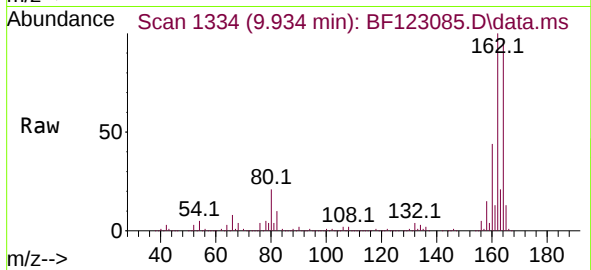




#51
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

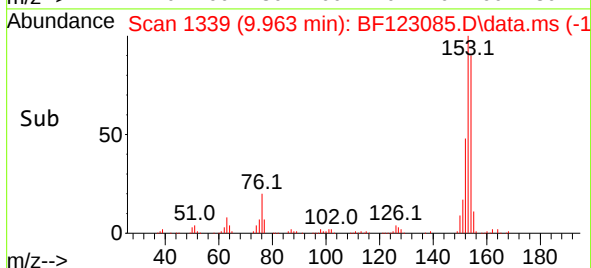
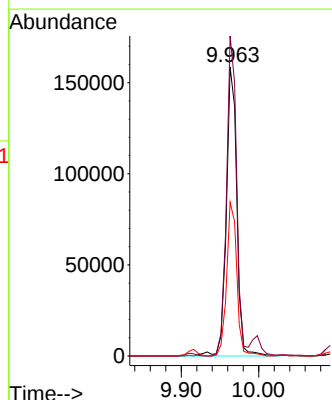
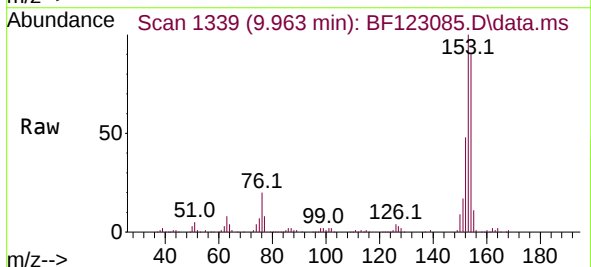
Instrument :
BNA_F
ClientSampled :
CRT-17

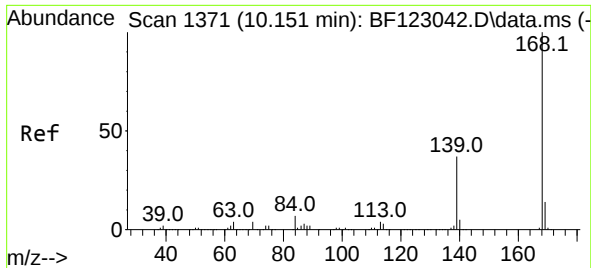
Tgt Ion:165 Resp: 71541
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#



#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

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

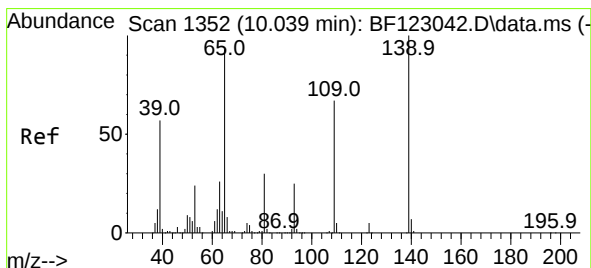
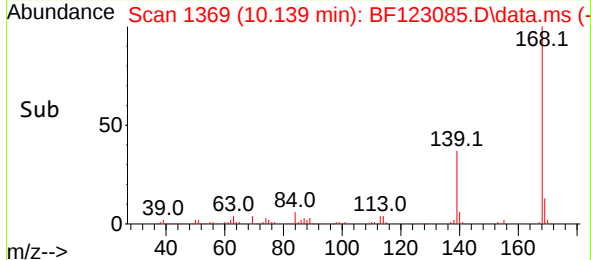
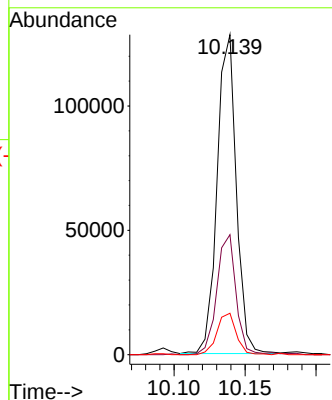
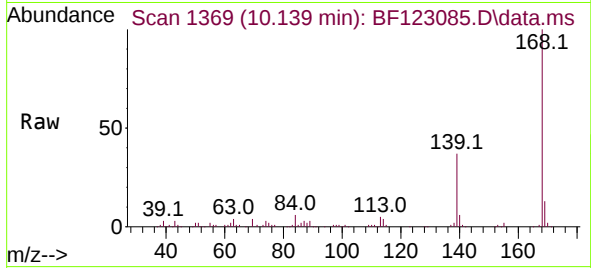




#55
Dibenzenofuran
Concen: 2.45 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

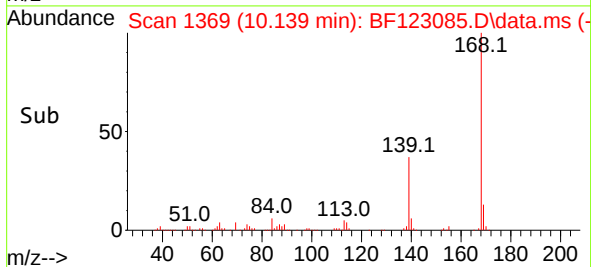
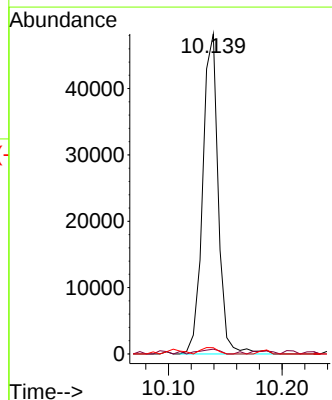
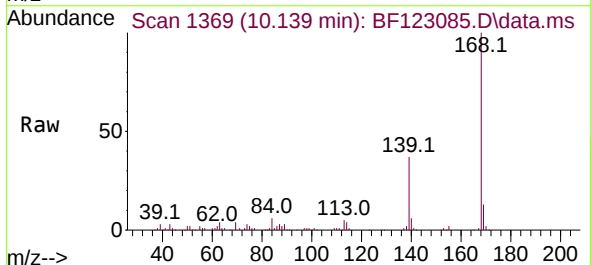
Instrument :
BNA_F
ClientSampled :
CRT-17

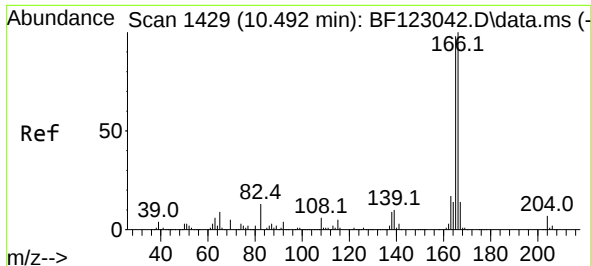
Tgt Ion:168 Resp: 120206
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.0 11.2 16.8



#56
4-Nitrophenol
Concen: 6.18 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.100 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:139 Resp: 46014
Ion Ratio Lower Upper
139 100
109 1.5 45.1 85.1#
65 2.0 59.2 99.2#

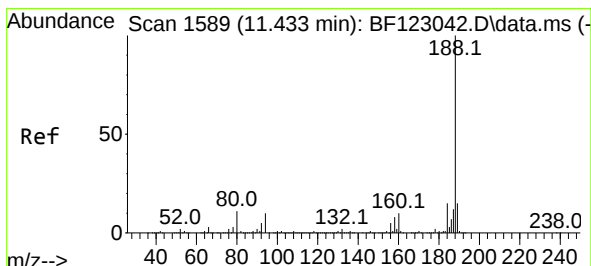
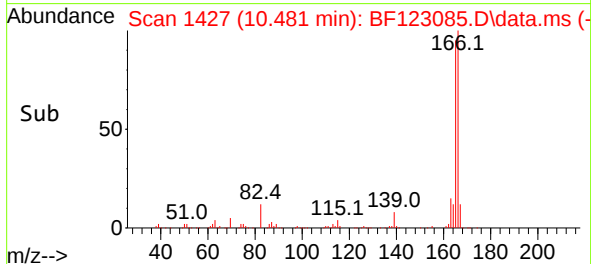
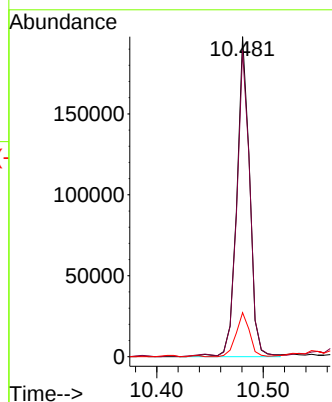
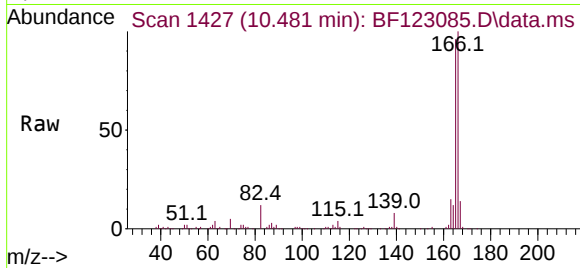




#58
Fluorene
Concen: 4.24 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

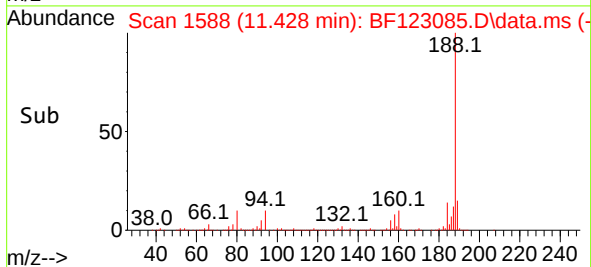
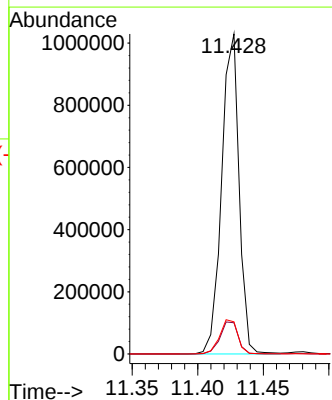
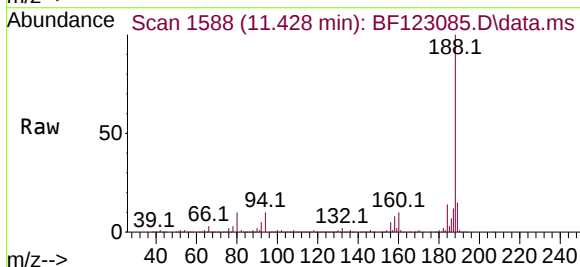
Instrument :
BNA_F
ClientSampled :
CRT-17

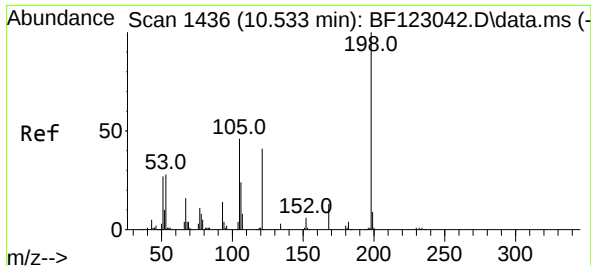
Tgt Ion:166 Resp: 165893
Ion Ratio Lower Upper
166 100
165 95.7 79.4 119.0
167 13.8 10.9 16.3



#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

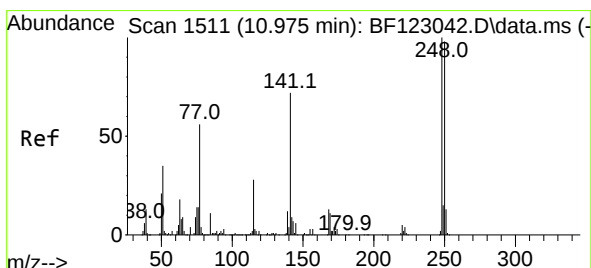
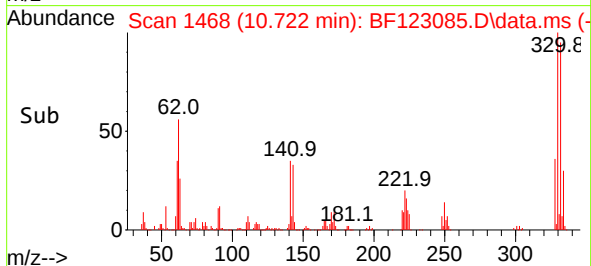
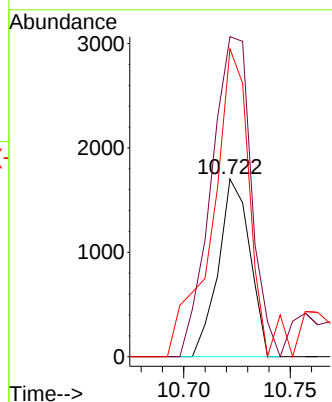
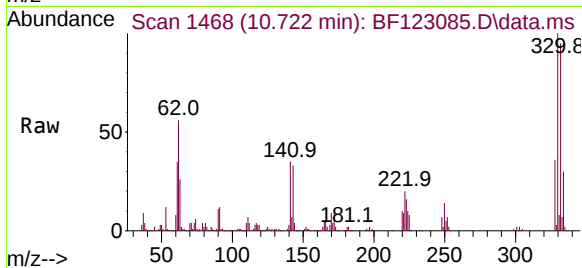




#65
4,6-Dinitro-2-methylphenol
Concen: 5.27 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

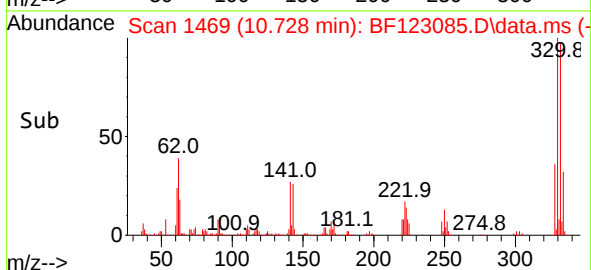
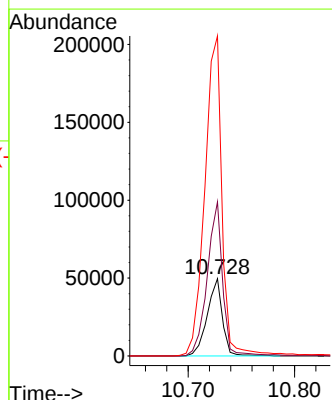
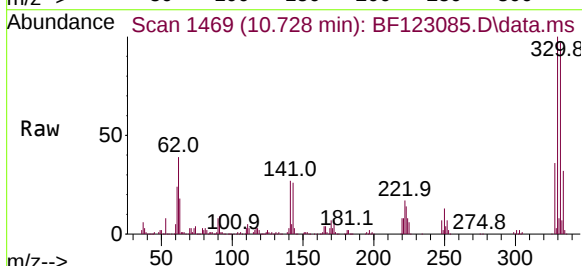
Instrument :
BNA_F
ClientSampled :
CRT-17

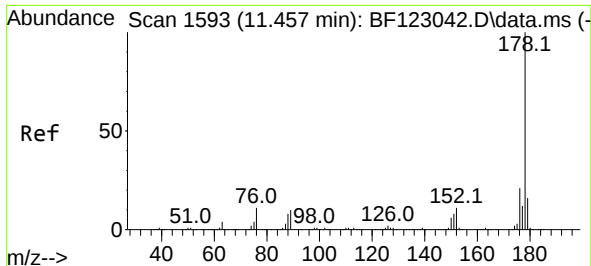
Tgt Ion:198 Resp: 1745
Ion Ratio Lower Upper
198 100
51 180.1 20.3 60.3#
105 173.3 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:248 Resp: 49410
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 413.9 59.8 89.8#

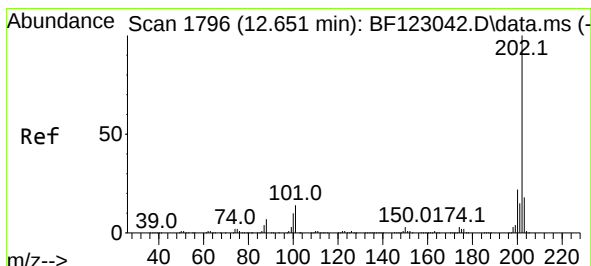
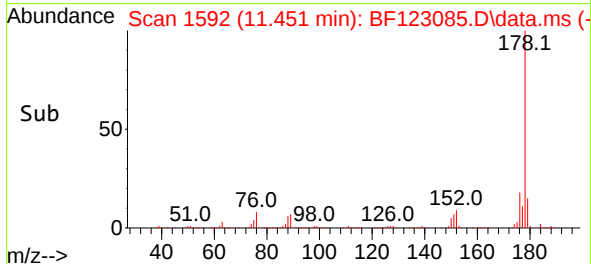
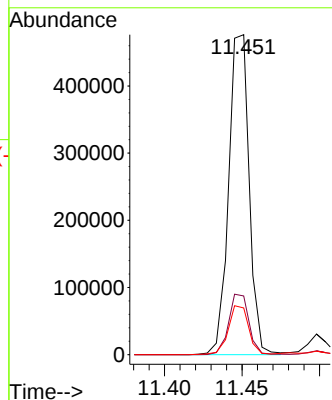
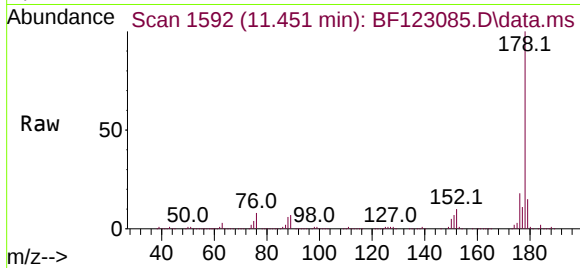




#71
Phenanthrene
Concen: 7.45 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

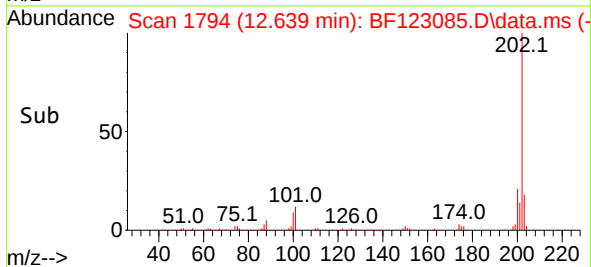
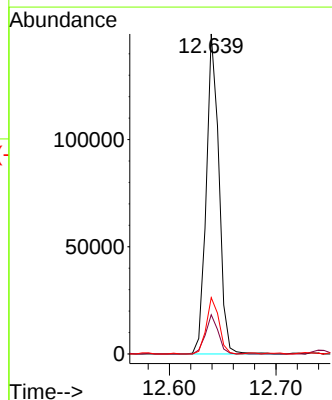
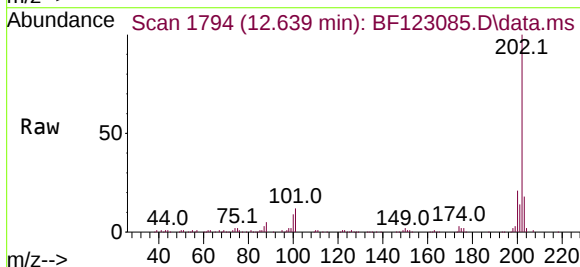
Instrument :
BNA_F
ClientSampled :
CRT-17

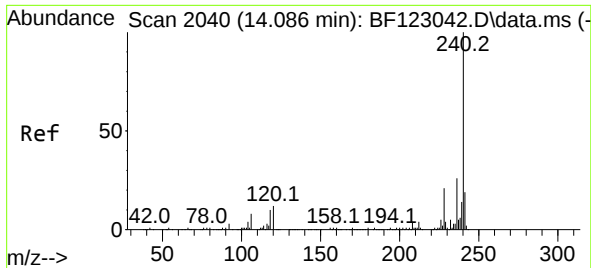
Tgt Ion:178 Resp: 438935
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.2
179 14.6 12.7 19.1



#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

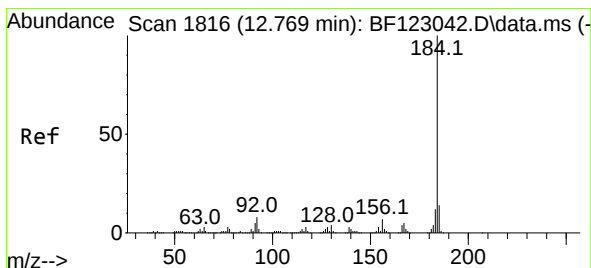
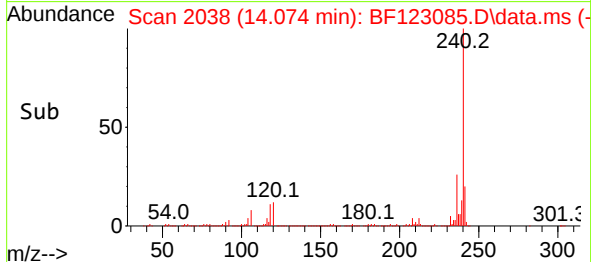
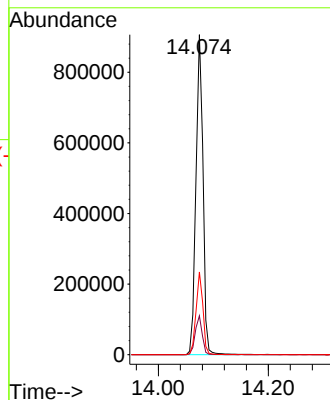
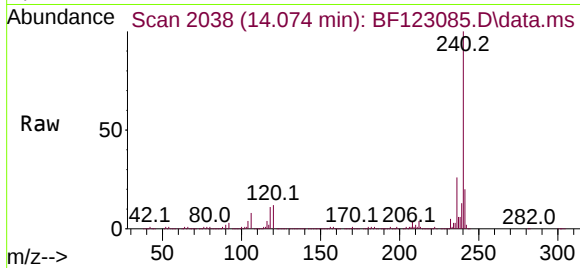




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

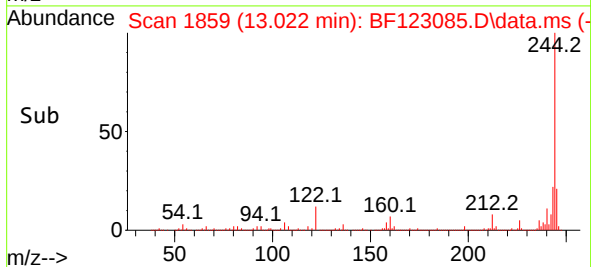
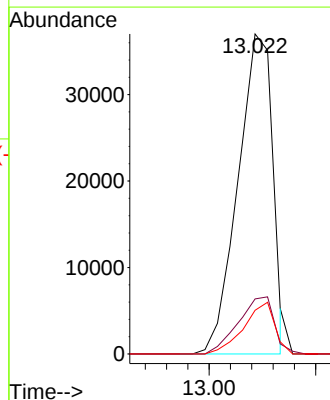
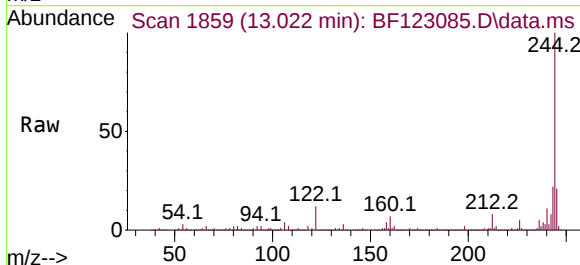
Instrument :
BNA_F
ClientSampleId :
CRT-17

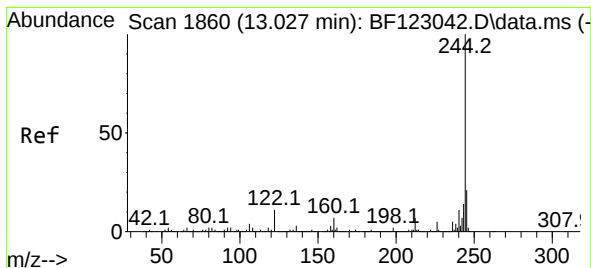
Tgt Ion:240 Resp: 805065
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.30 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123085.D
Acq: 29 Jan 2021 16:42

Tgt Ion:184 Resp: 41825
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 13.6 9.7 14.5





#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

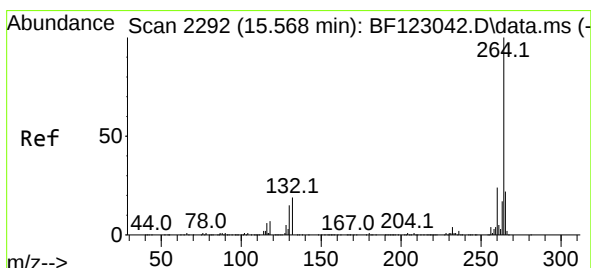
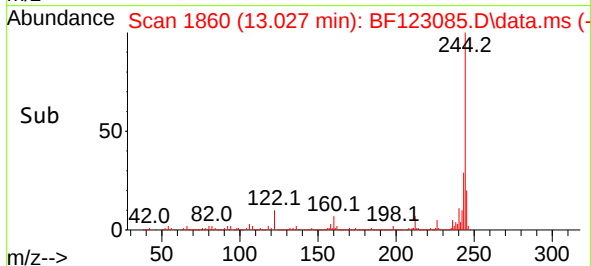
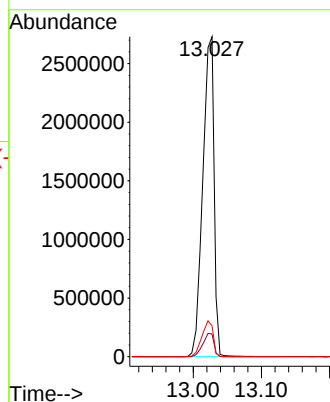
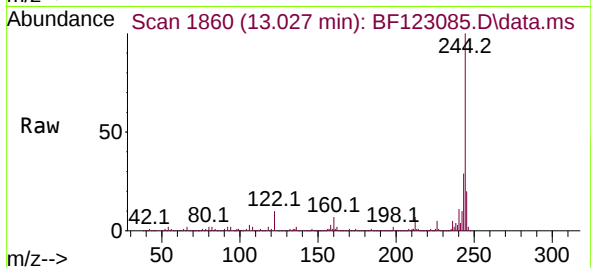
Tgt Ion:244 Resp: 3143720

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

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

