

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123187.D
 Acq On : 11 Feb 2021 15:58
 Operator : JU/CG
 Sample : M1380-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-WC-C-001

Quant Time: Feb 11 16:39:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 14:10:38 2021
 Response via : Initial Calibration

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

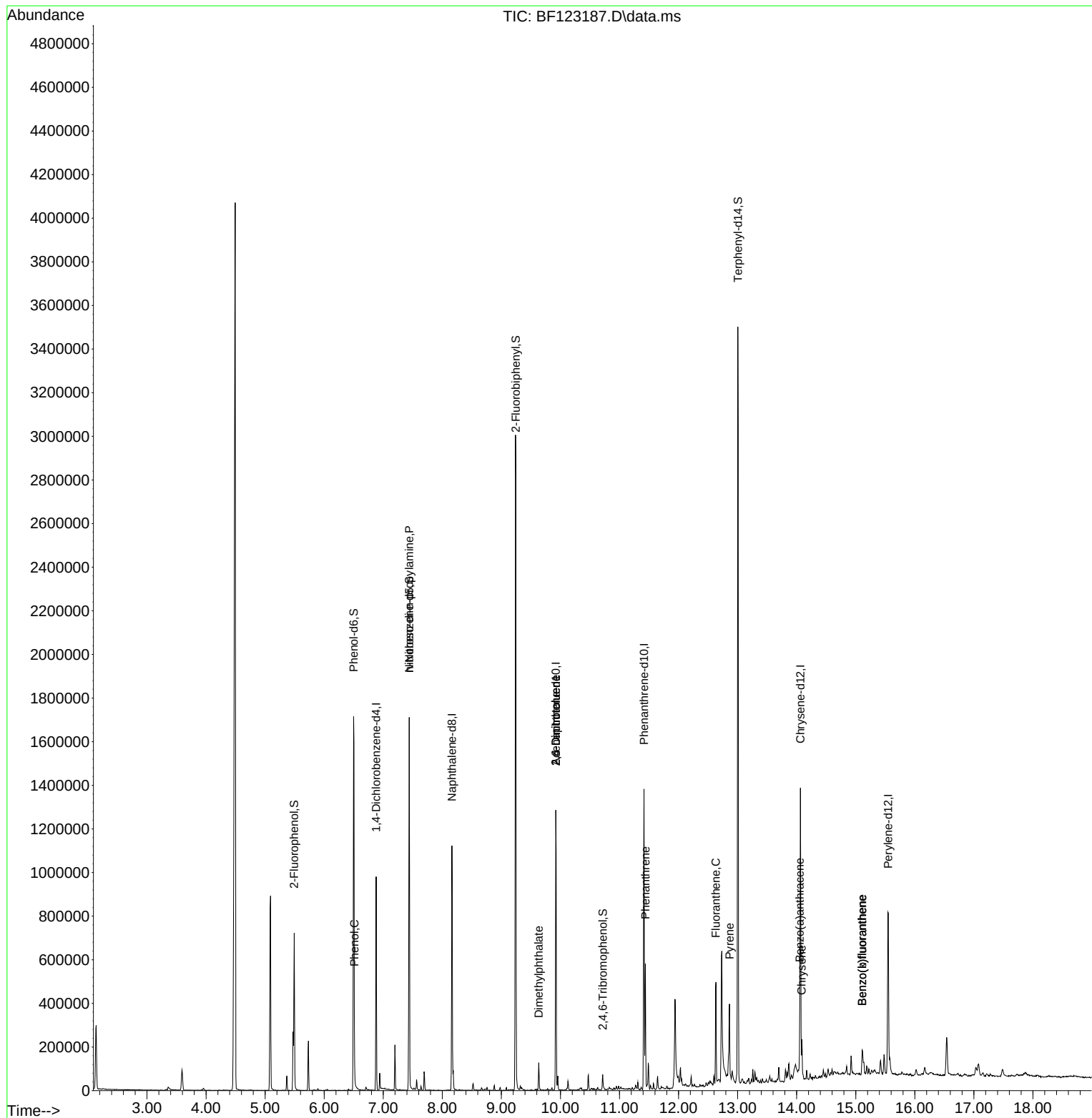
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124847	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	496858	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	268902	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	487709	20.00	ng	0.00
76) Chrysene-d12	14.063	240	388973	20.00	ng	-0.01
86) Perylene-d12	15.551	264	348049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	165543	20.45	ng	0.00
7) Phenol-d6	6.498	99	612164	55.80	ng	-0.01
23) Nitrobenzene-d5	7.439	82	517354	52.40	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	8364	2.87	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	980702	54.22	ng	0.00
79) Terphenyl-d14	13.004	244	1103485	55.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	22111	2.03	ng	93
19) n-Nitroso-di-n-propyla...	7.439	70	68749	10.42	ng	# 79
50) Dimethylphthalate	9.633	163	51038	2.42	ng	100
51) 2,6-Dinitrotoluene	9.922	165	34032	7.57	ng	# 32
57) 2,4-Dinitrotoluene	9.922	165	34032	5.82	ng	# 26
71) Phenanthrene	11.439	178	195616	6.46	ng	97
75) Fluoranthene	12.633	202	193774	6.40	ng	97
78) Pyrene	12.863	202	143643	4.89	ng	96
81) Benzo(a)anthracene	14.051	228	71748	2.73	ng	97
83) Chrysene	14.086	228	64834	2.46	ng	94
88) Benzo(b)fluoranthene	15.110	252	86393	3.44	ng	99
89) Benzo(k)fluoranthene	15.110	252	86393	3.70	ng	99

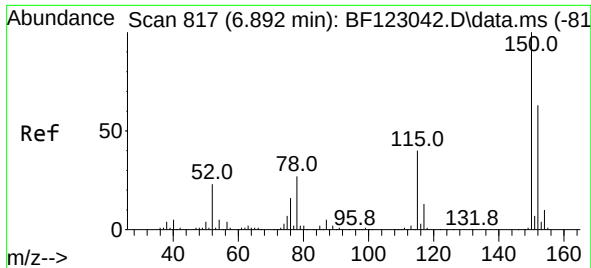
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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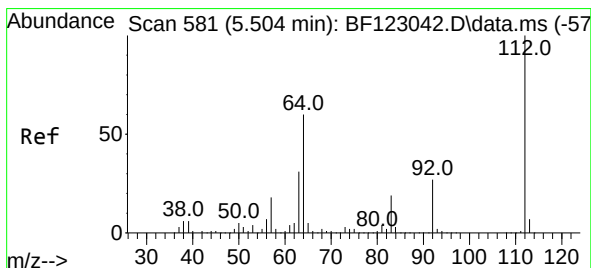
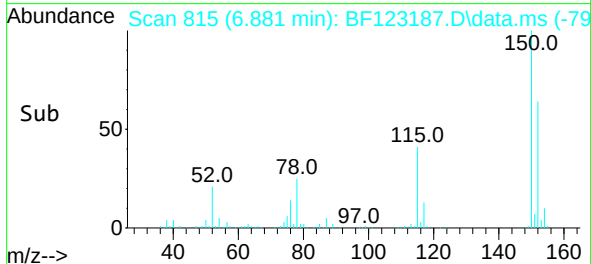
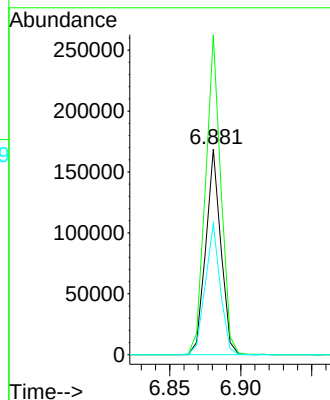
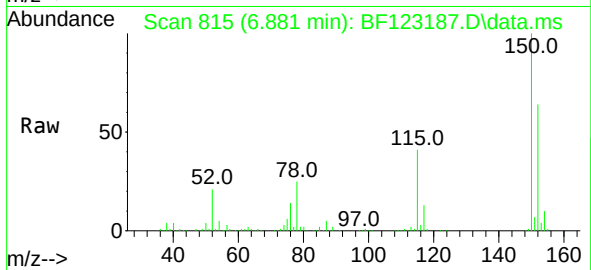




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

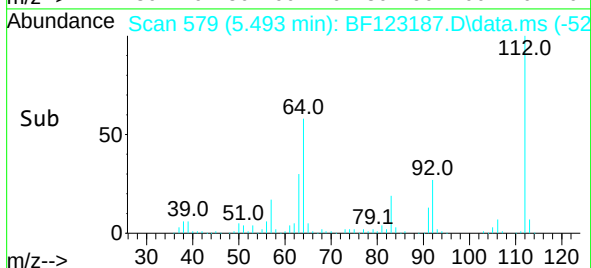
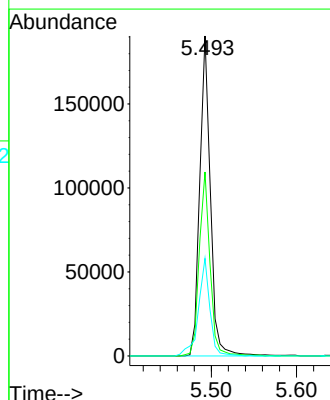
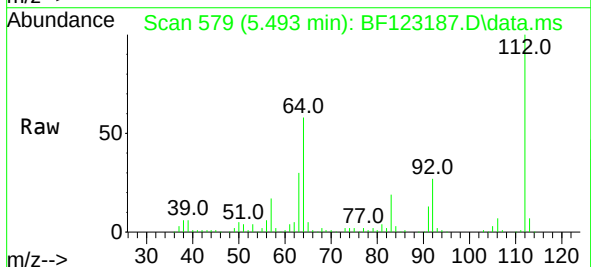
Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

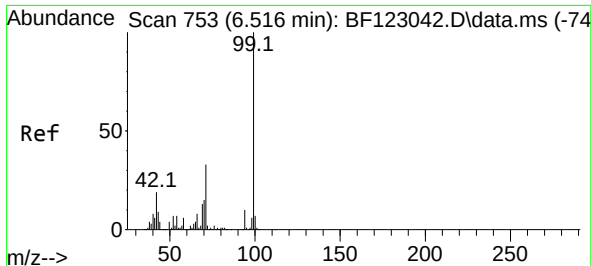
Tgt Ion:152 Resp: 124847
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 63.8 49.3 73.9



#5
2-Fluorophenol
Concen: 20.45 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion:112 Resp: 165543
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 30.5 24.5 36.7

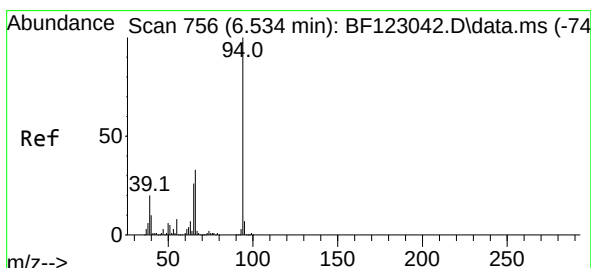
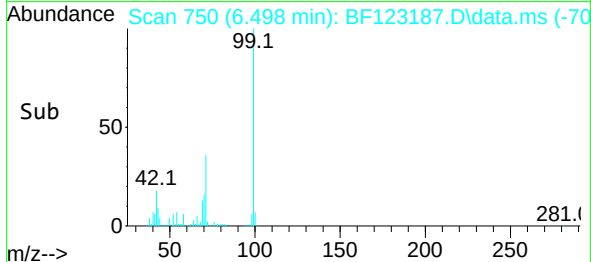
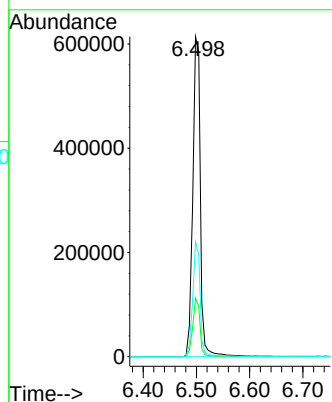
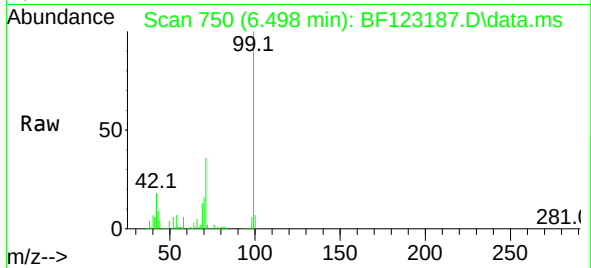




#7
Phenol-d6
Concen: 55.80 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

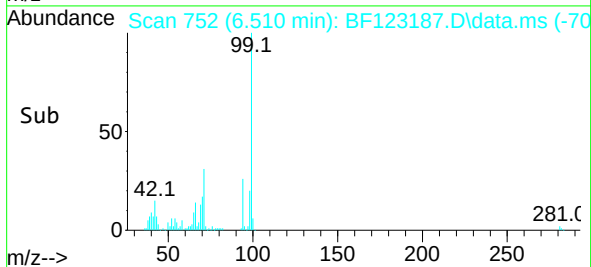
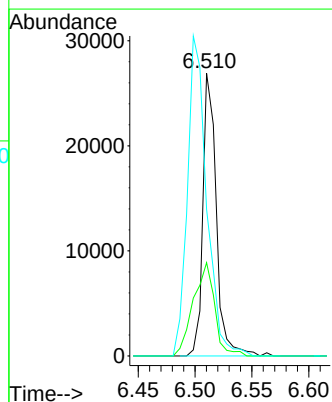
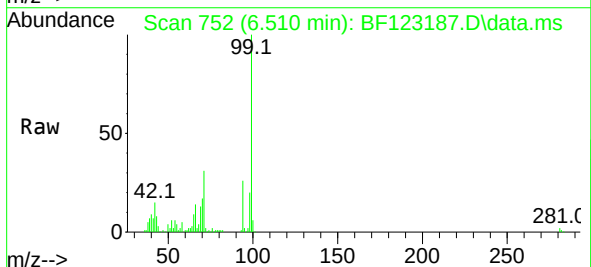
Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

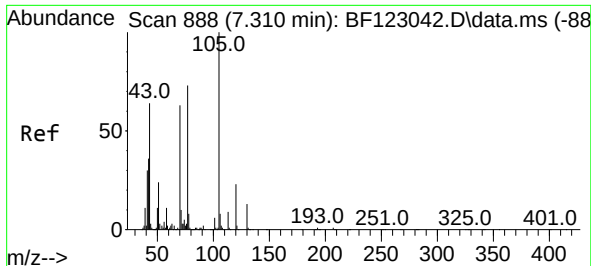
Tgt Ion: 99 Resp: 612164
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.6
71 35.9 26.9 40.3



#10
Phenol
Concen: 2.03 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

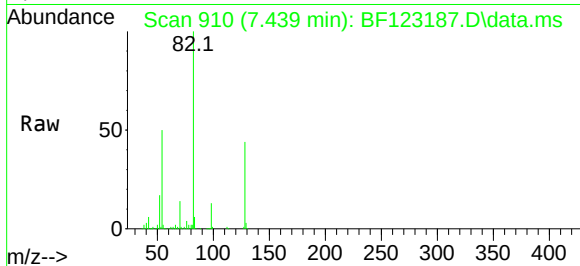
Tgt Ion: 94 Resp: 22111
Ion Ratio Lower Upper
94 100
65 33.0 11.2 51.2
66 51.9 25.8 65.8



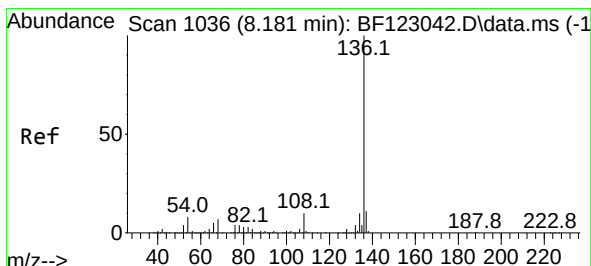
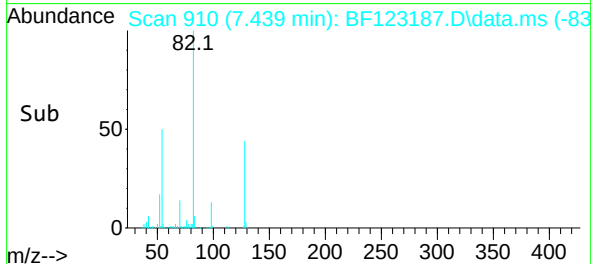
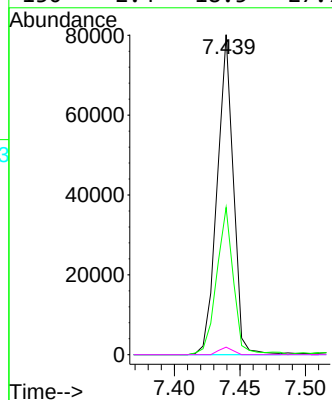


#19
n-Nitroso-di-n-propylamine
Concen: 10.42 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

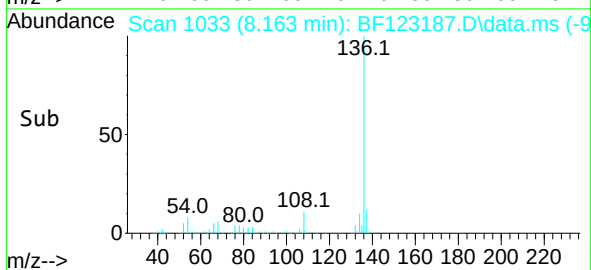
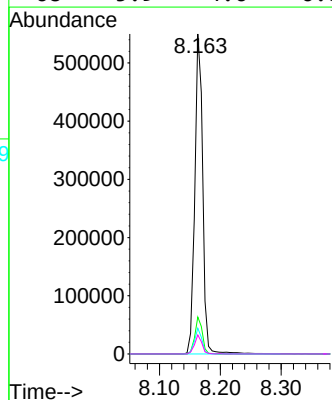
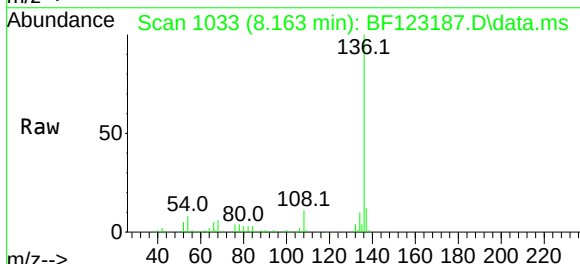


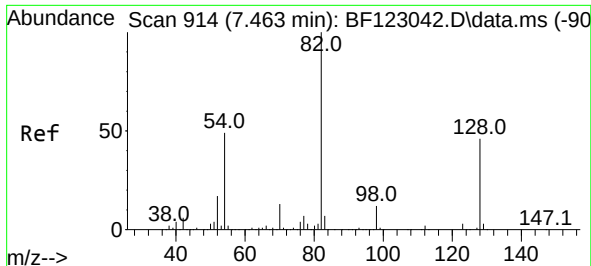
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.0	5.5	8.3
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 52.40 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

Tgt Ion: 82 Resp: 517354

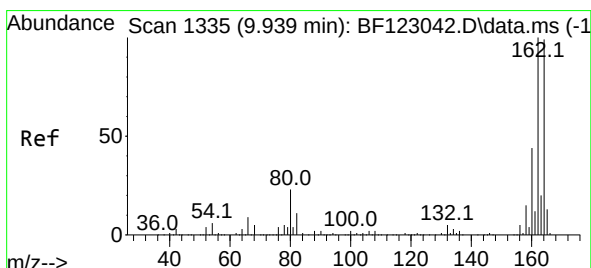
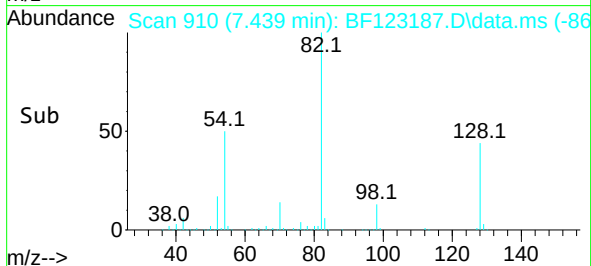
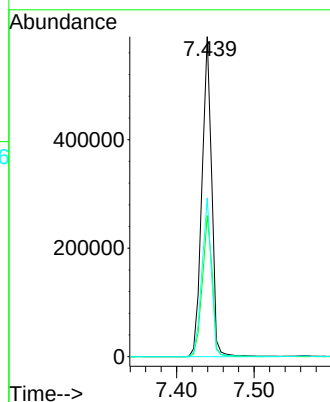
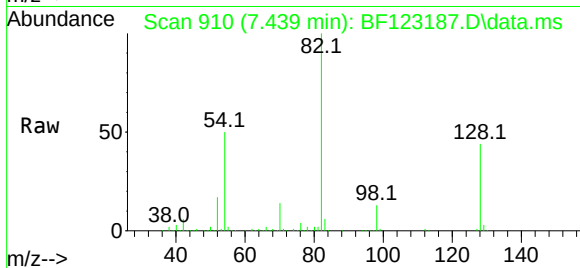
Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.4
54	49.6	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

PM-WC-C-001



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1332

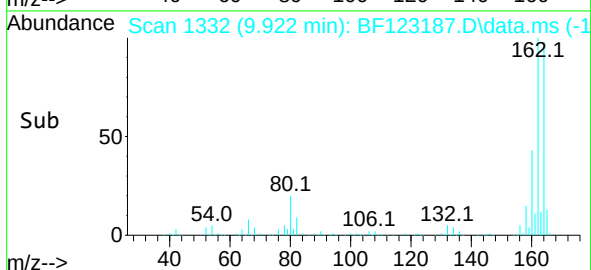
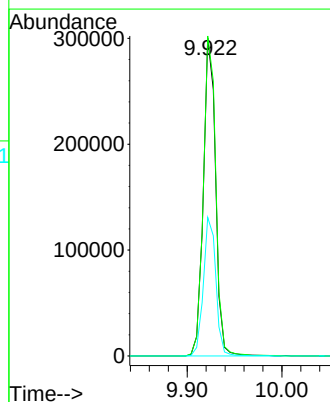
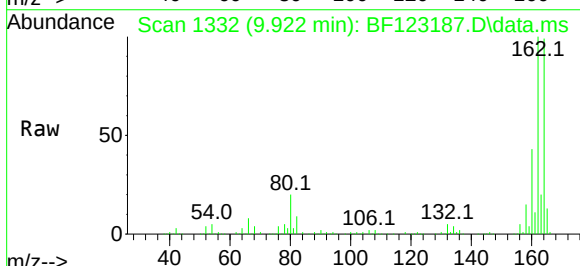
Delta R.T. -0.006 min

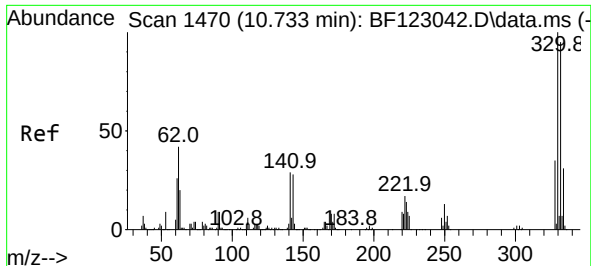
Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

Tgt Ion: 164 Resp: 268902

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	43.6	35.4	53.0

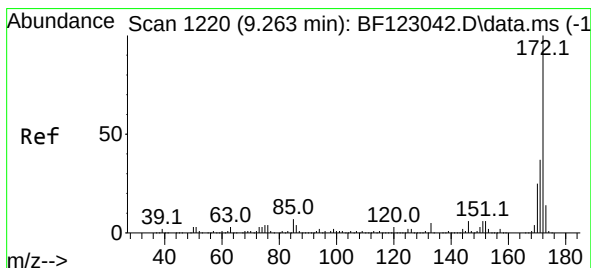
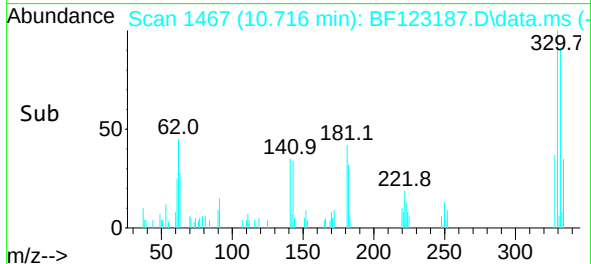
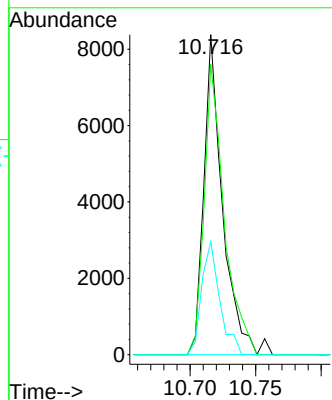
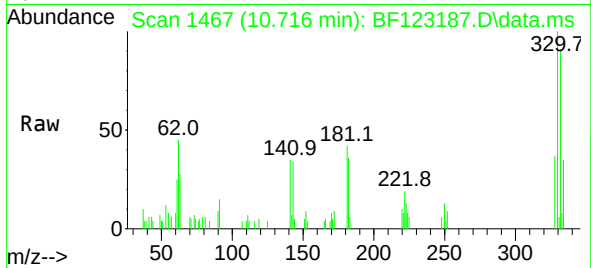




#42
2,4,6-Tribromophenol
Concen: 2.87 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

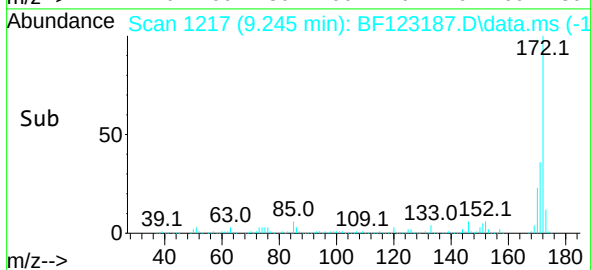
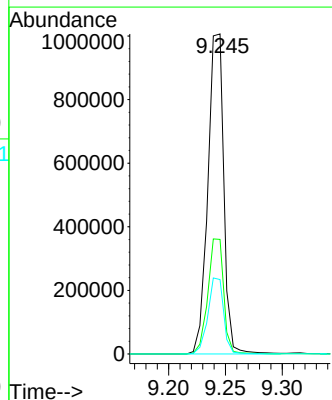
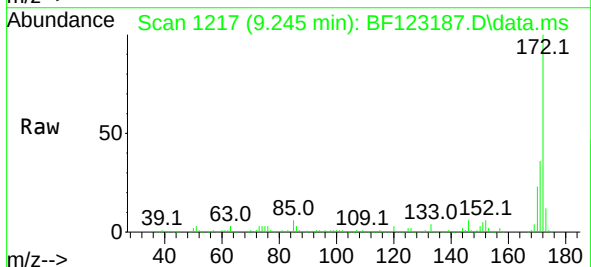
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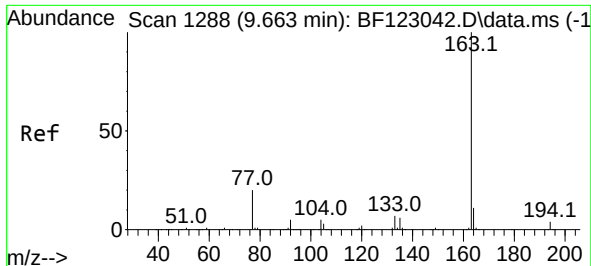
Tgt Ion: 330 Resp: 8364
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 34.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 54.22 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion: 172 Resp: 980702
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.5 29.3

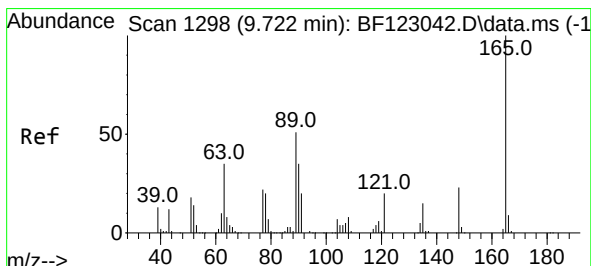
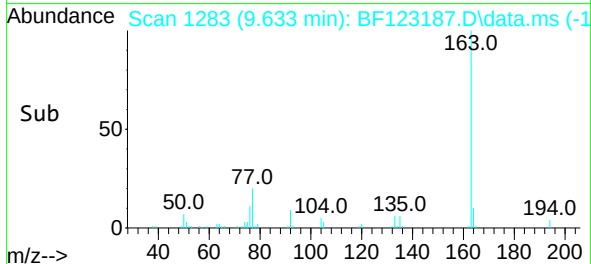
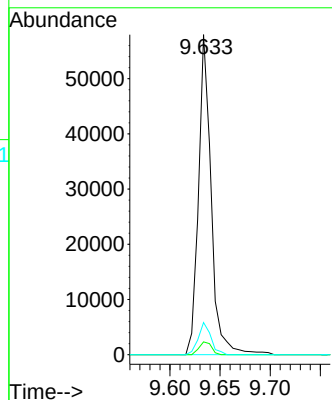
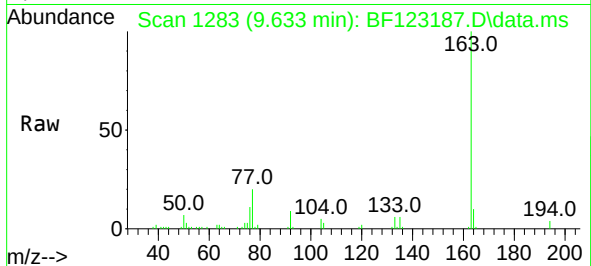




#50
Dimethylphthalate
Concen: 2.42 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.018 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

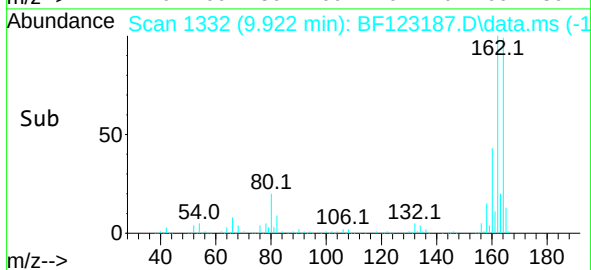
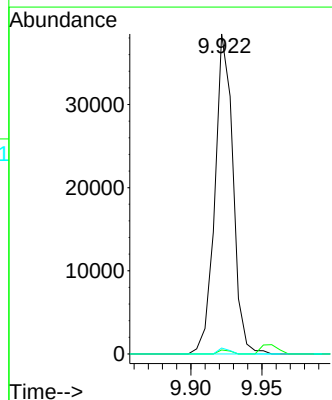
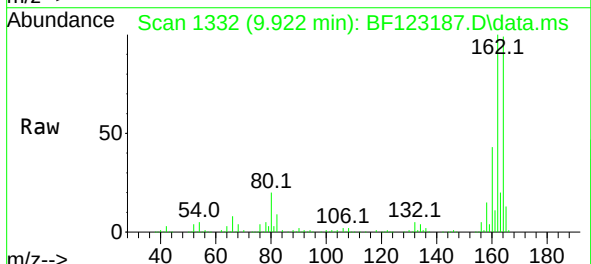
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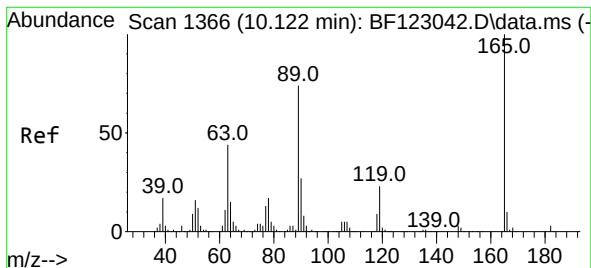
Tgt Ion:163 Resp: 51038
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

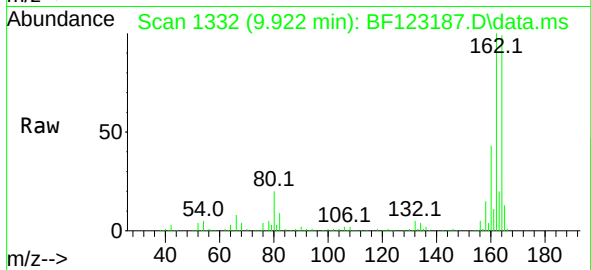
Tgt Ion:165 Resp: 34032
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.9 39.4 59.0#



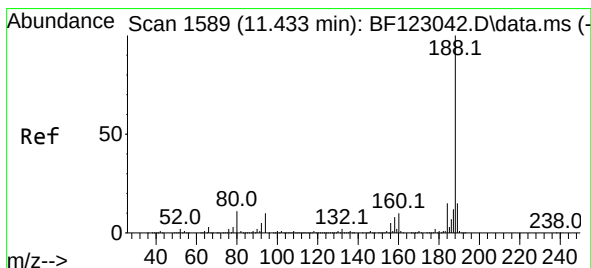
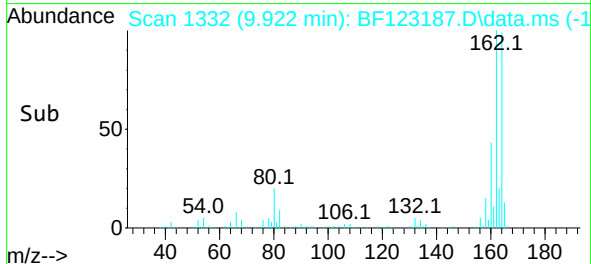
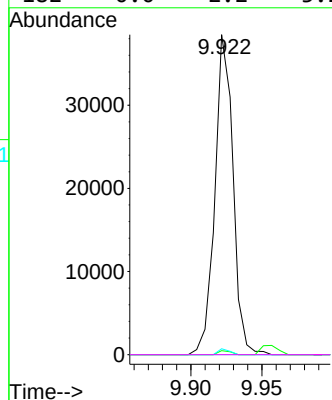


#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

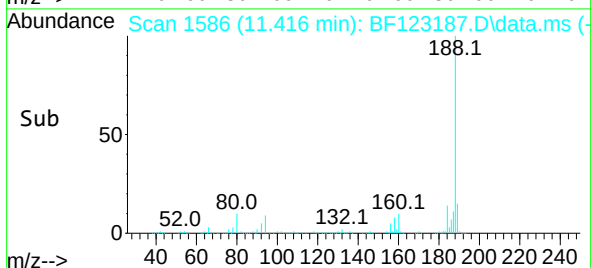
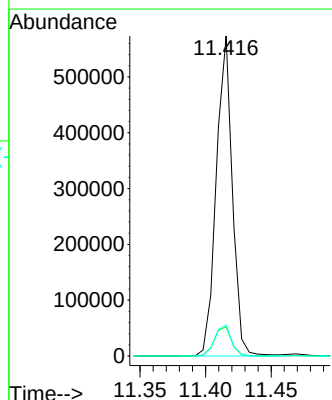
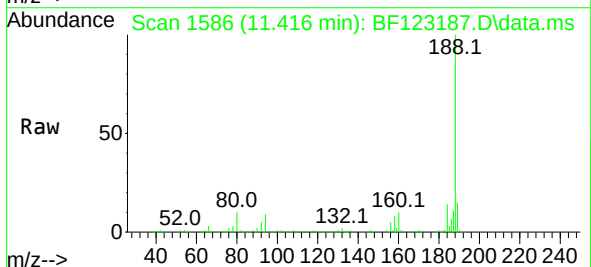


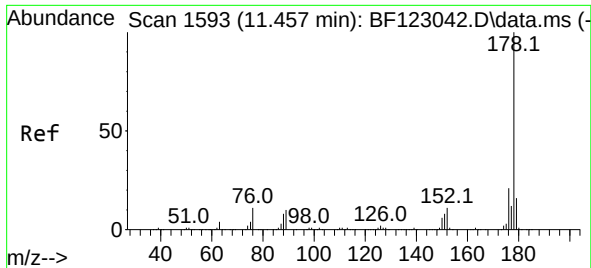
Tgt Ion:165 Resp: 34032
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion:188 Resp: 487709
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.2 12.4

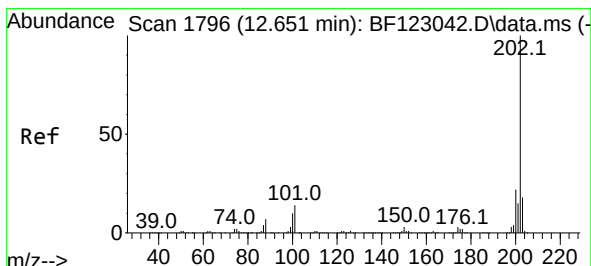
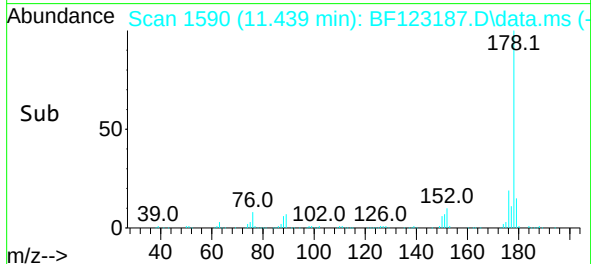
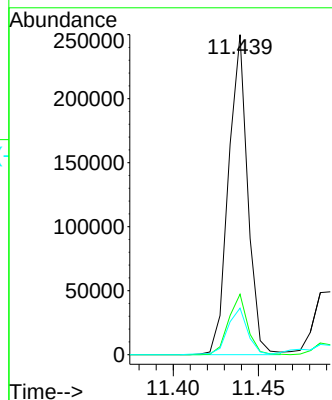
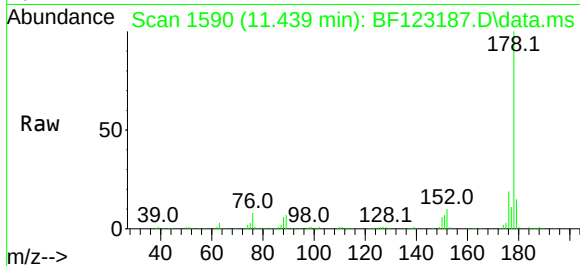




#71
Phenanthrene
Concen: 6.46 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

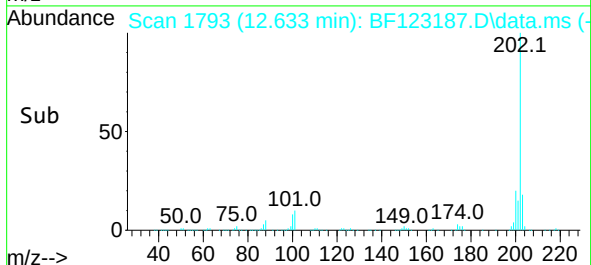
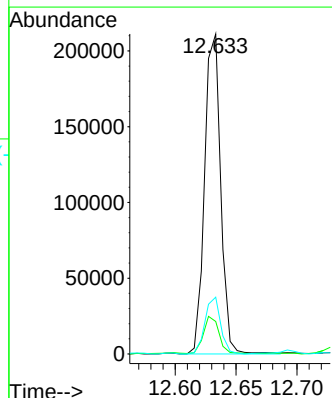
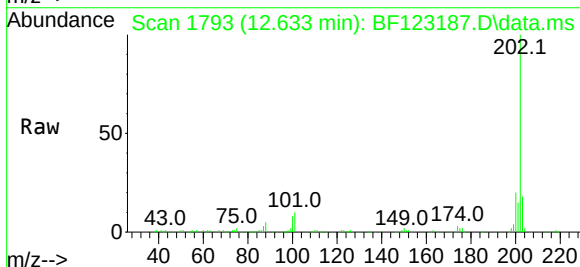
Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

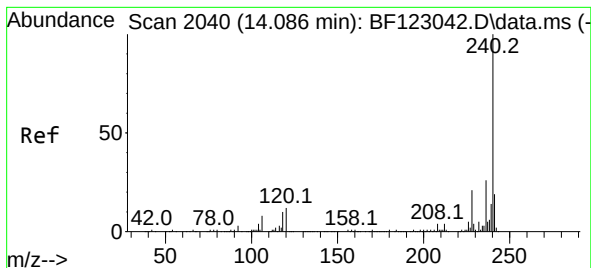
Tgt Ion:178 Resp: 195616
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.2
179 14.5 12.7 19.1



#75
Fluoranthene
Concen: 6.40 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion:202 Resp: 193774
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.2
203 17.8 0.0 38.1

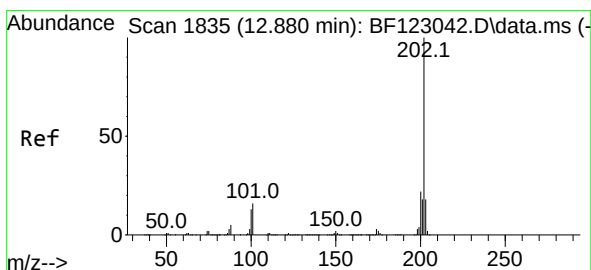
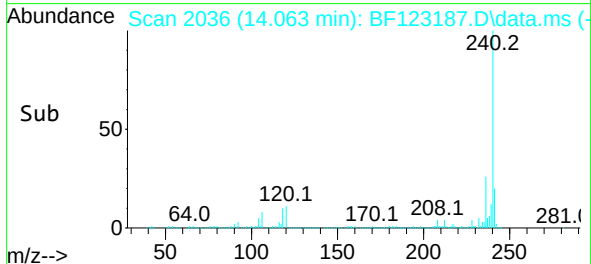
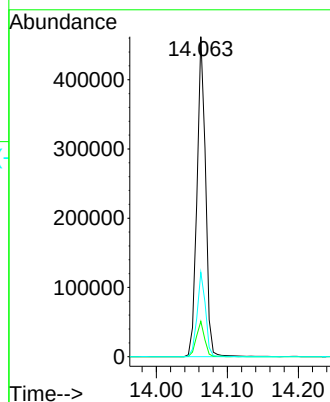
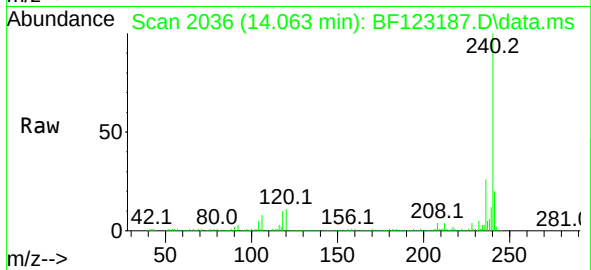




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

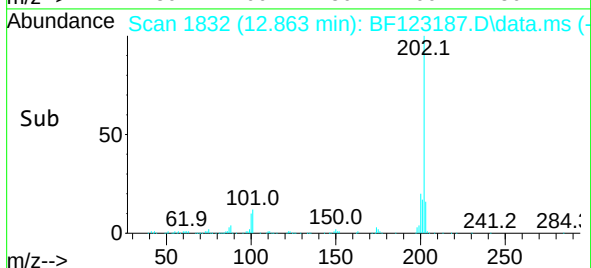
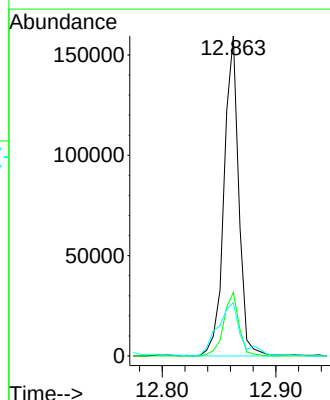
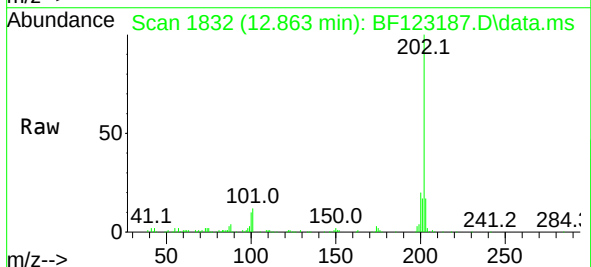
Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

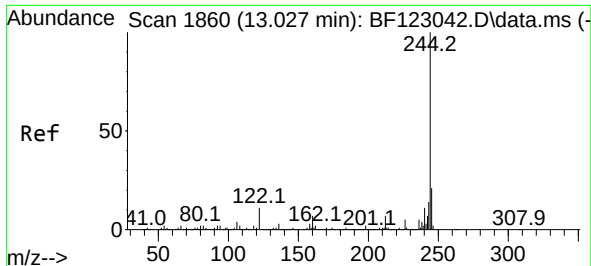
Tgt Ion:240 Resp: 388973
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.3 20.3 30.5



#78
Pyrene
Concen: 4.89 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion:202 Resp: 143643
Ion Ratio Lower Upper
202 100
200 19.8 17.6 26.4
203 16.7 14.6 21.8

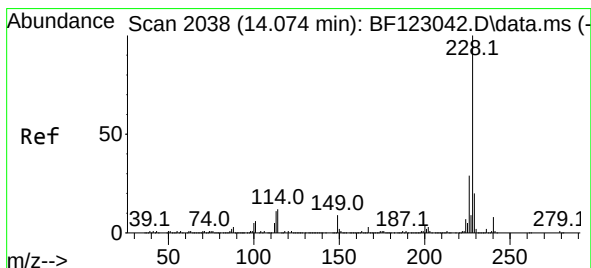
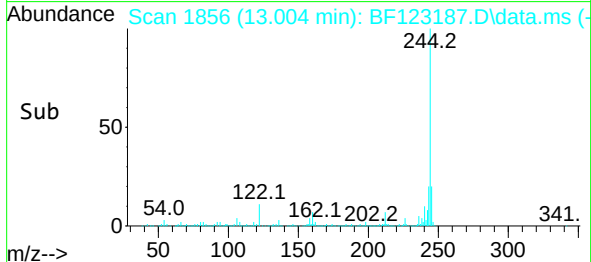
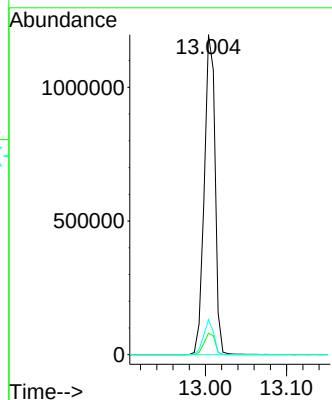
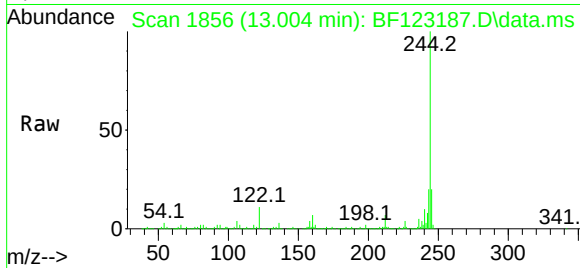




#79
Terphenyl-d14
Concen: 55.74 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

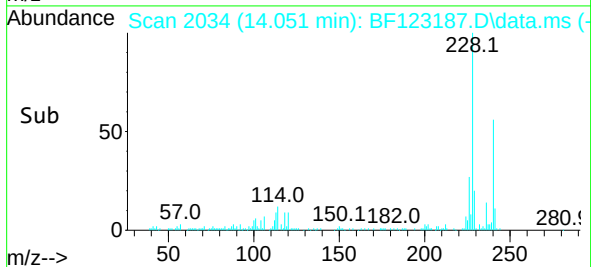
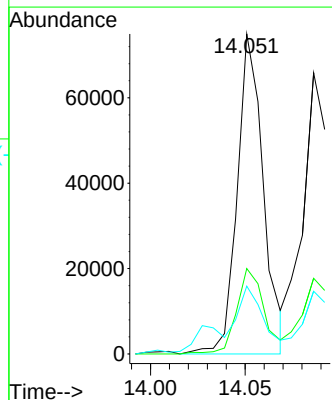
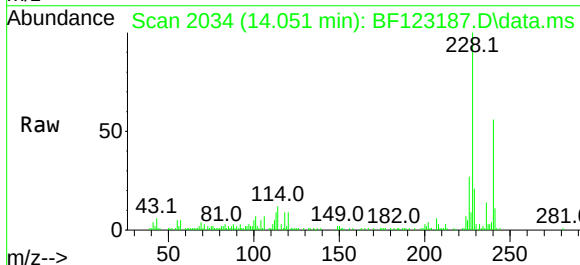
Instrument :
BNA_F
ClientSampleId :
PM-WC-C-001

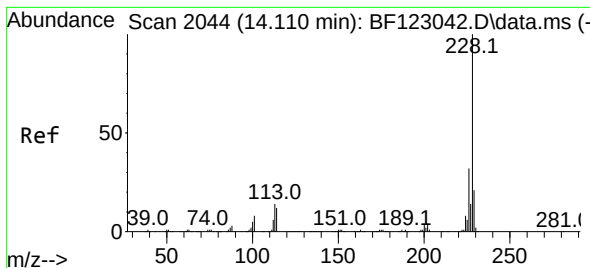
Tgt Ion:244 Resp: 1103485
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.9 8.3 12.5



#81
Benzo(a)anthracene
Concen: 2.73 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF123187.D
Acq: 11 Feb 2021 15:58

Tgt Ion:228 Resp: 71748
Ion Ratio Lower Upper
228 100
226 26.7 23.0 34.4
229 21.2 16.6 24.8





#83

Chrysene

Concen: 2.46 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

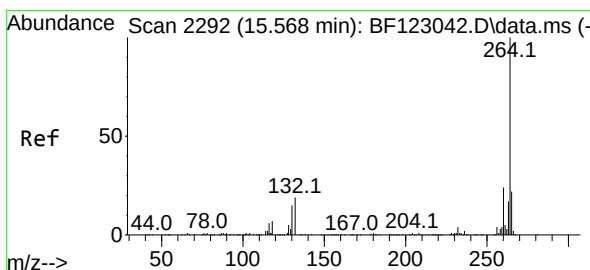
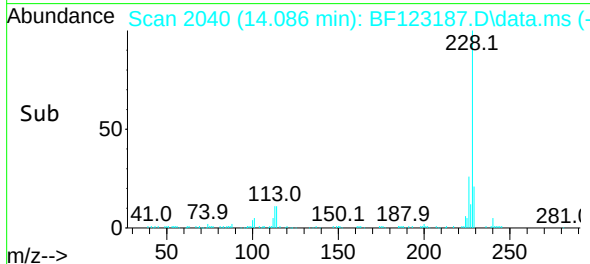
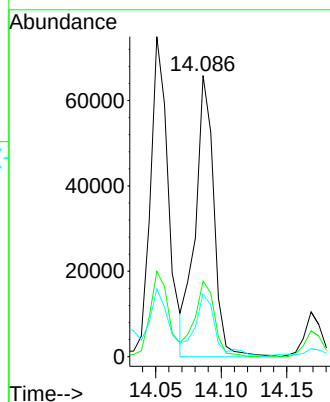
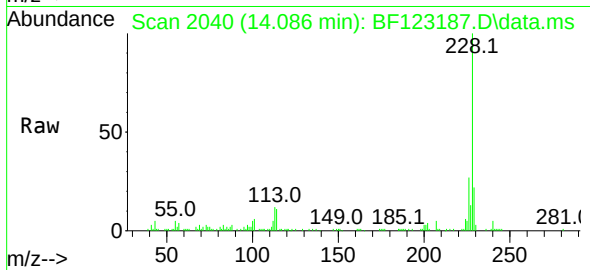
Tgt Ion:228 Resp: 64834

Ion Ratio Lower Upper

228 100

226 26.9 24.6 36.8

229 22.3 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.000 min

Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

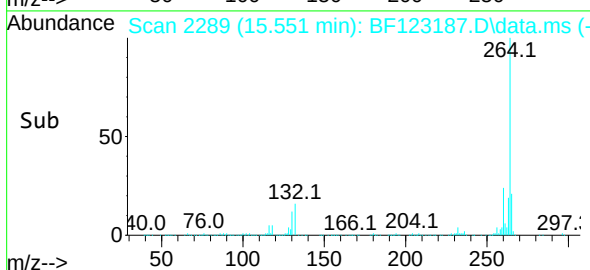
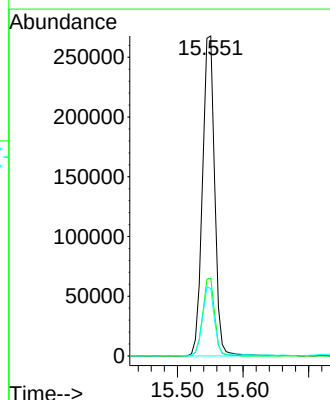
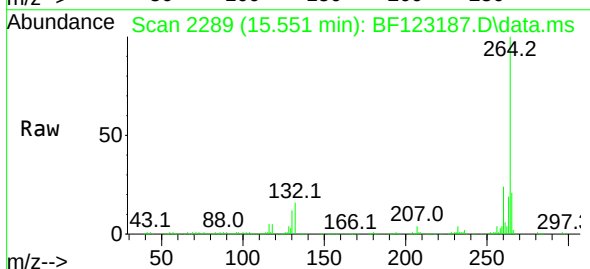
Tgt Ion:264 Resp: 348049

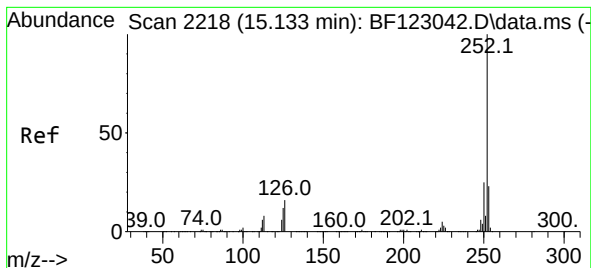
Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.1 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.44 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

Tgt Ion:252 Resp: 86393

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

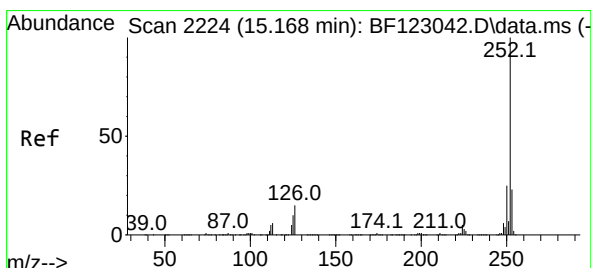
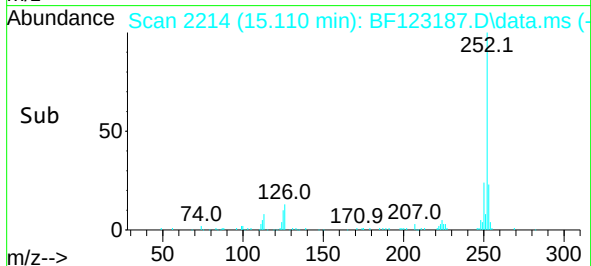
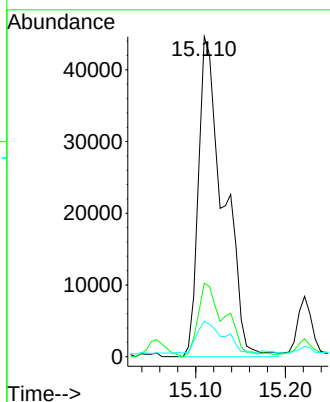
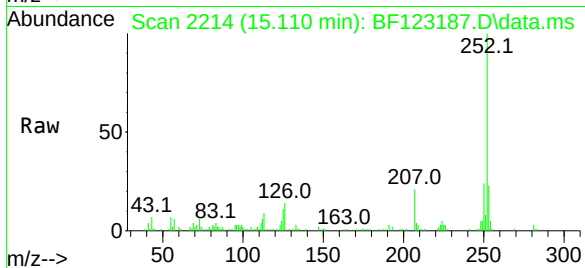
125 11.1 8.1 12.1

Instrument :

BNA_F

ClientSampleId :

PM-WC-C-001



#89

Benzo(k)fluoranthene

Concen: 3.70 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.041 min

Lab File: BF123187.D

Acq: 11 Feb 2021 15:58

Tgt Ion:252 Resp: 86393

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 11.1 8.4 12.6

