

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124078.D
 Acq On : 26 May 2021 22:53
 Operator : JU/CG
 Sample : M2535-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-4

Quant Time: May 27 04:54:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

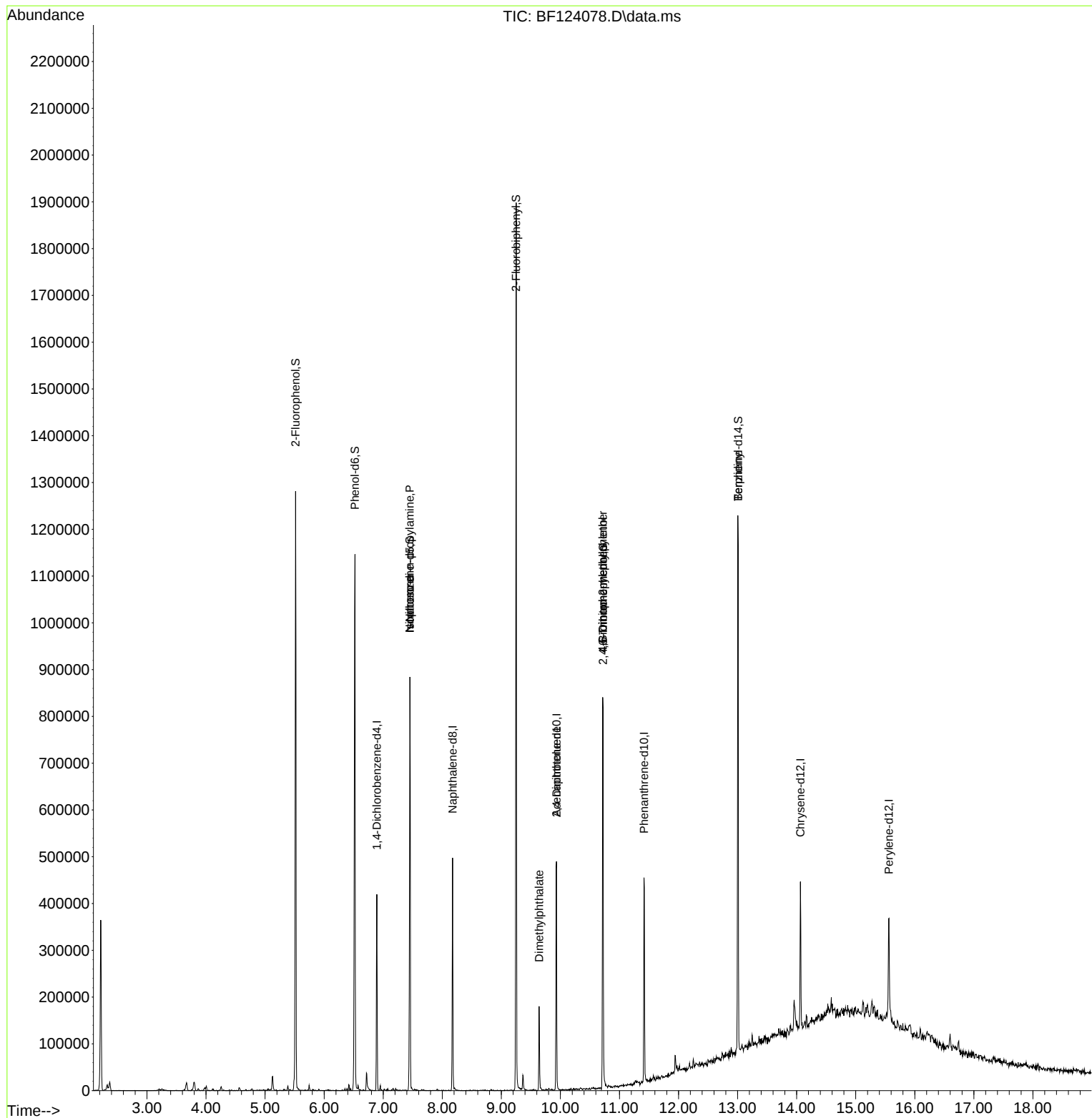
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	48326	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	178612	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	96590	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	158937	20.00	ng	#-0.01
76) Chrysene-d12	14.063	240	97921	20.00	ng	0.00
86) Perylene-d12	15.563	264	96143	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	289417	84.09	ng	0.00
7) Phenol-d6	6.522	99	345605	77.40	ng	0.00
23) Nitrobenzene-d5	7.451	82	273956	66.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	96331	83.03	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	463470	59.05	ng	-0.01
79) Terphenyl-d14	13.010	244	361582	55.93	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	38052	12.61	ng	# 71
25) Isophorone	7.451	82	273954	34.35	ng	# 69
50) Dimethylphthalate	9.639	163	64283	8.33	ng	98
57) 2,4-Dinitrotoluene	9.933	165	12506	6.54	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.716	198	110	5.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	6717	3.22	ng	# 1
77) Benzidine	13.010	184	6130	2.59	ng	# 83

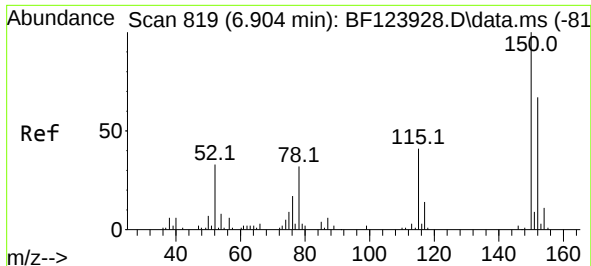
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124078.D
Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-4

Quant Time: May 27 04:54:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

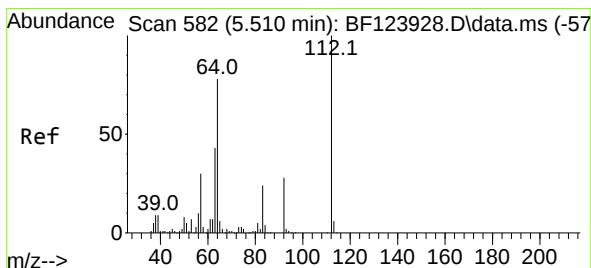
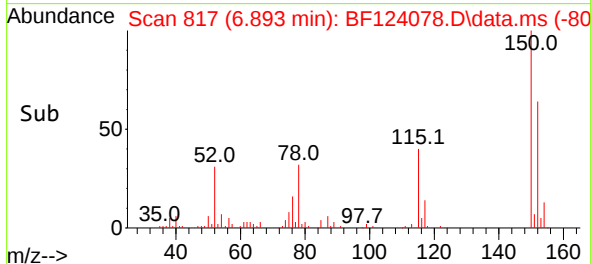
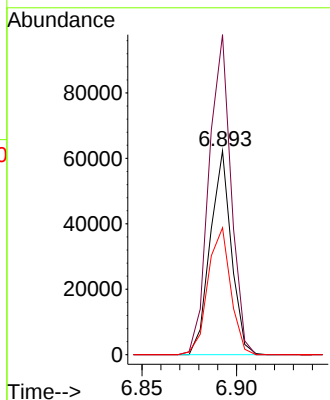
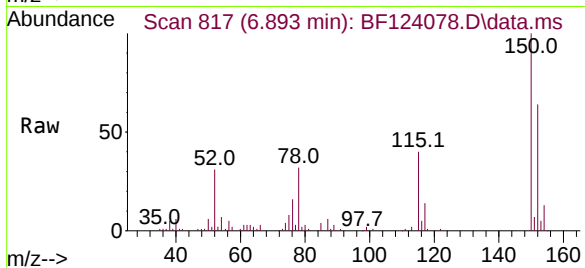




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.893 min Scan# 817
 Delta R.T. -0.011 min
 Lab File: BF124078.D
 Acq: 26 May 2021 22:53

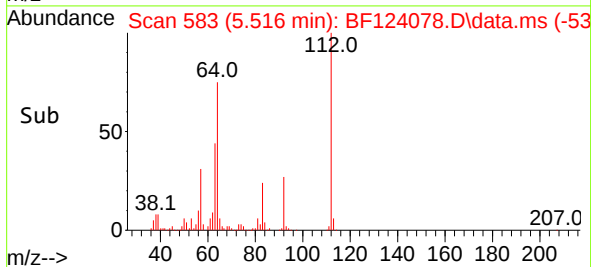
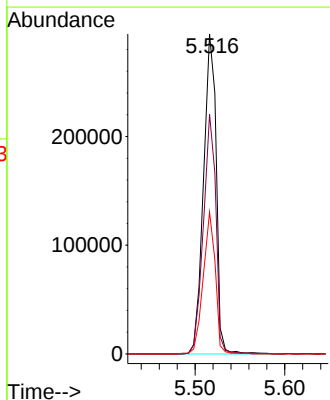
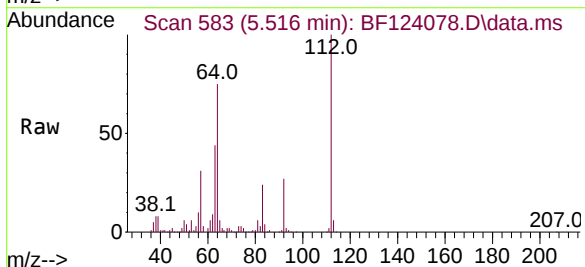
Instrument :
 BNA_F
 ClientSampleId :
 GHOST-4

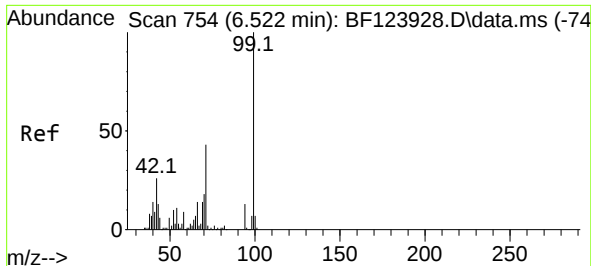
Tgt Ion:152 Resp: 48326
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.0 190.6
 115 62.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 84.09 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF124078.D
 Acq: 26 May 2021 22:53

Tgt Ion:112 Resp: 289417
 Ion Ratio Lower Upper
 112 100
 64 74.9 61.4 92.0
 63 44.4 33.0 49.4

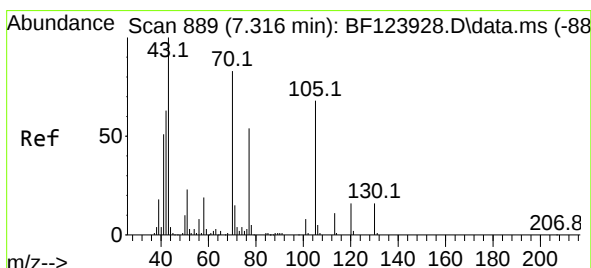
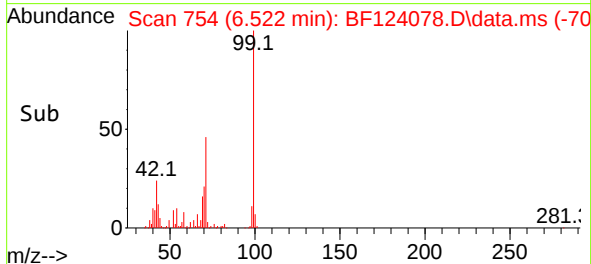
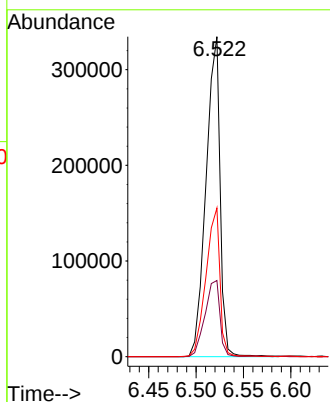
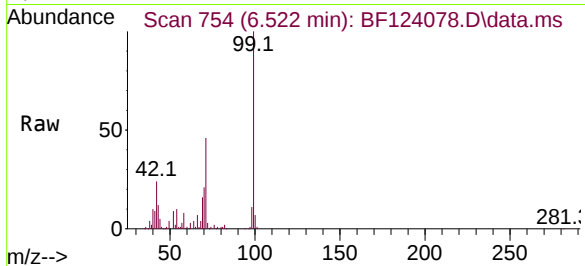




#7
Phenol-d6
Concen: 77.40 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

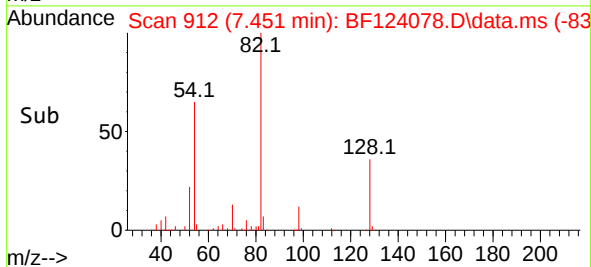
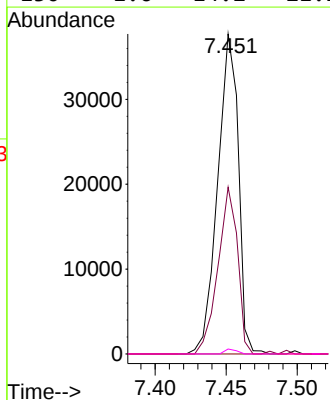
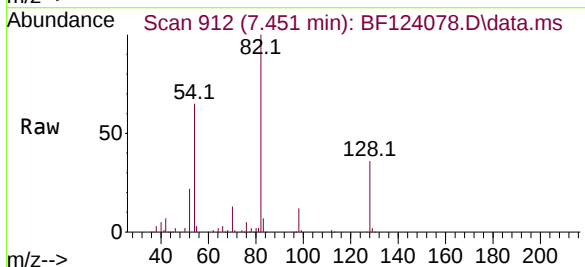
Instrument :
BNA_F
ClientSampleId :
GHOST-4

Tgt Ion:	99	Resp:	345605
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.8	29.8
71	46.5	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.61 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion:	70	Resp:	38052
Ion	Ratio	Lower	Upper
70	100		
42	52.1	60.1	90.1#
101	0.0	7.4	11.2#
130	1.6	14.2	21.2#



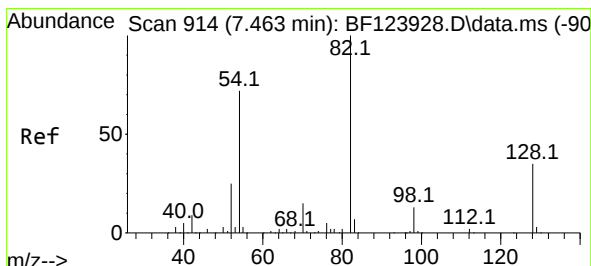
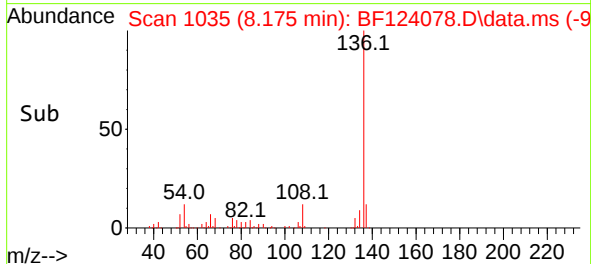
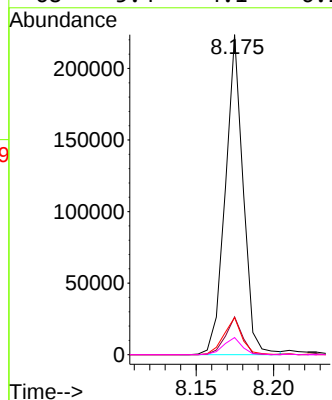
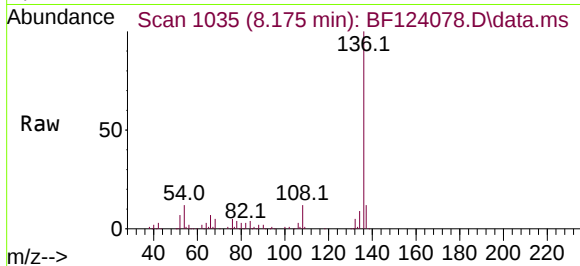


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Instrument :
BNA_F
ClientSampleId :
GHOST-4

Tgt Ion:136 Resp: 178612

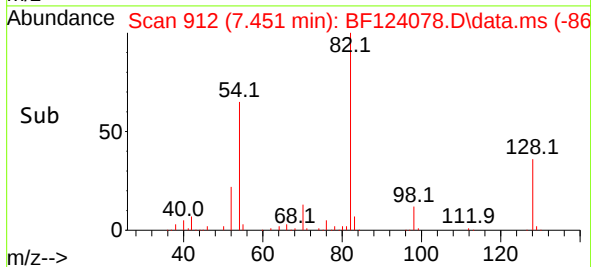
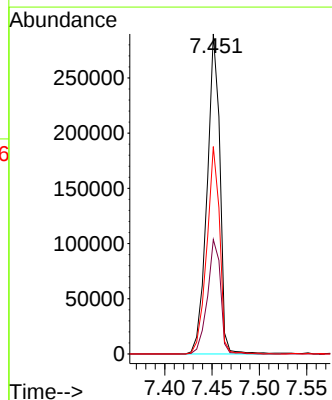
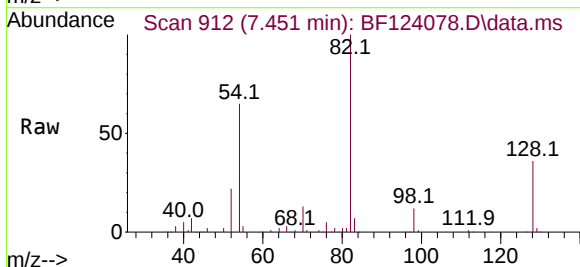
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	11.6	9.8	14.6
68	5.4	4.1	6.1

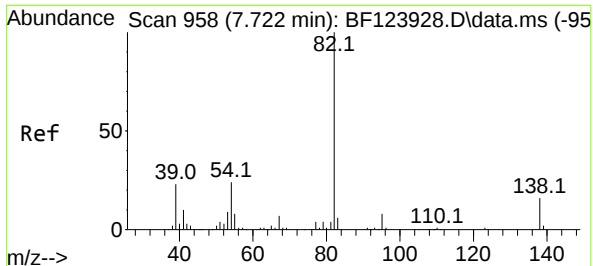


#23
Nitrobenzene-d5
Concen: 66.09 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion: 82 Resp: 273956

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.4	44.2
54	64.8	54.1	81.1

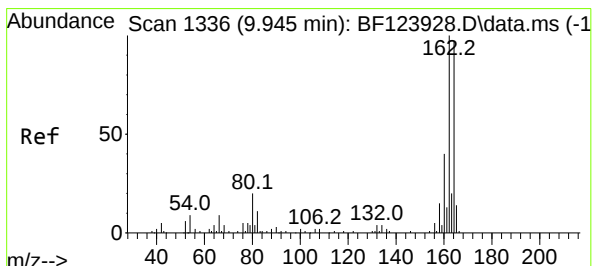
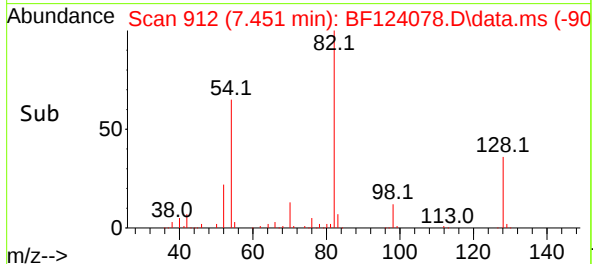
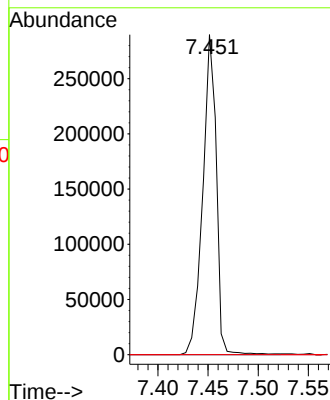
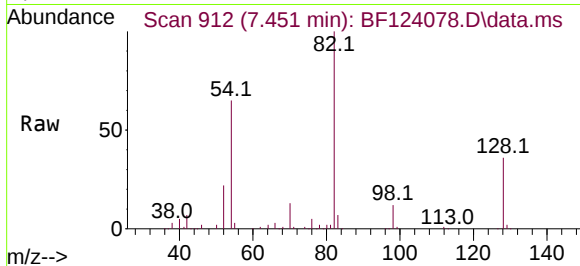




#25
Isophorone
Concen: 34.35 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

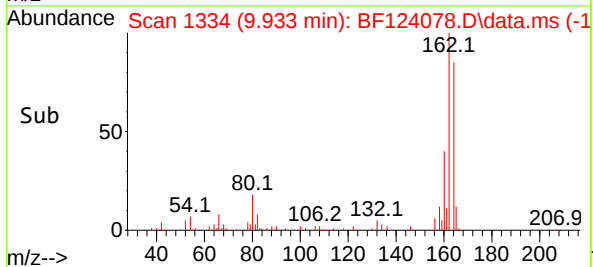
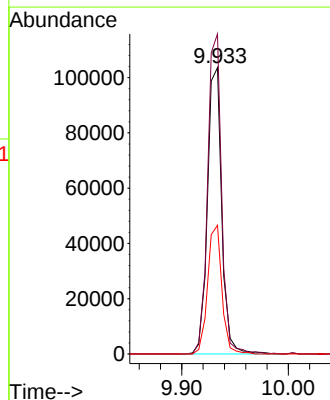
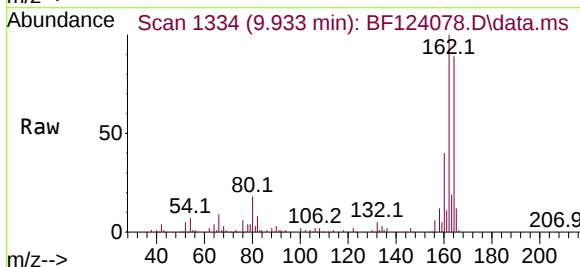
Instrument :
BNA_F
ClientSampleId :
GHOST-4

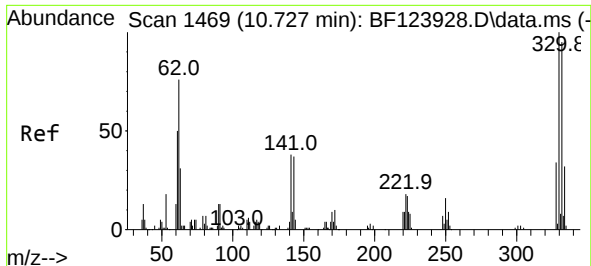
Tgt Ion: 82 Resp: 273954
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion: 164 Resp: 96590
Ion Ratio Lower Upper
164 100
162 111.8 80.7 121.1
160 44.9 37.3 55.9

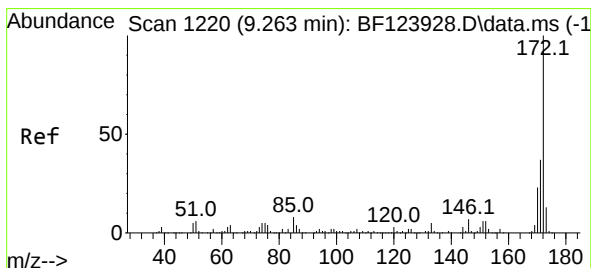
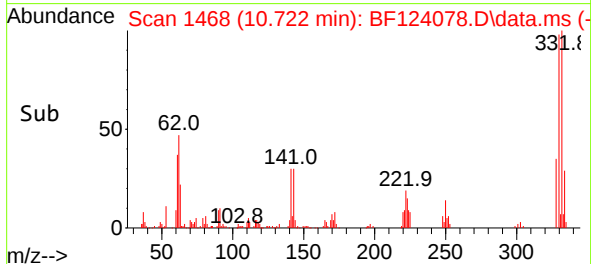
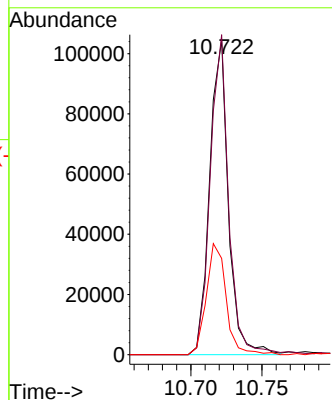
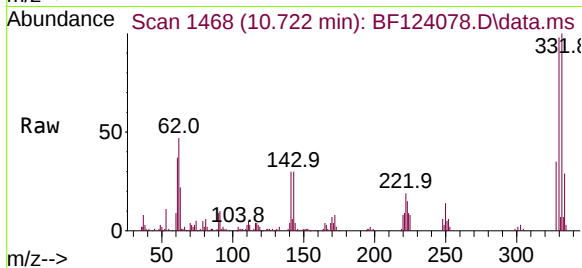




#42
2,4,6-Tribromophenol
Concen: 83.03 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

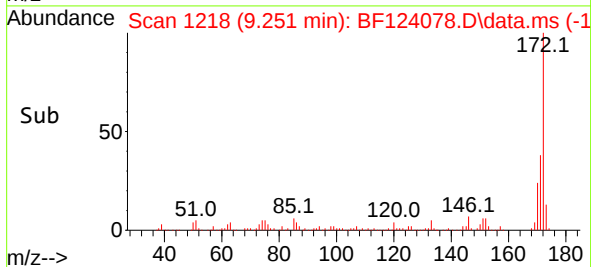
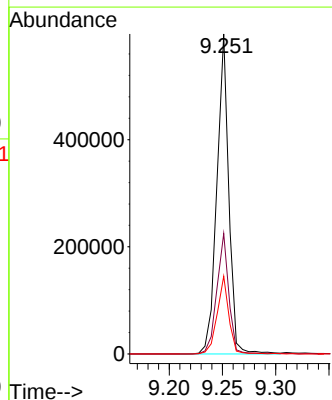
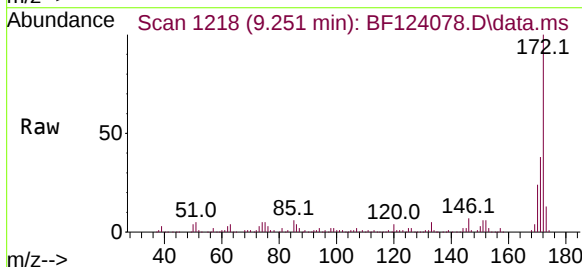
Instrument :
BNA_F
ClientSampleId :
GHOST-4

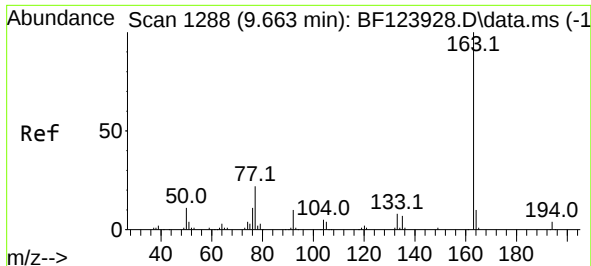
Tgt Ion: 330 Resp: 96331
Ion Ratio Lower Upper
330 100
332 100.3 77.1 115.7
141 37.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 59.05 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion: 172 Resp: 463470
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 24.3 19.2 28.8

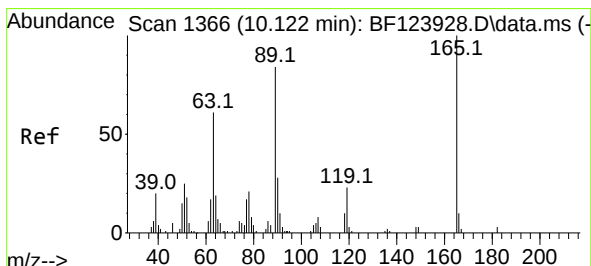
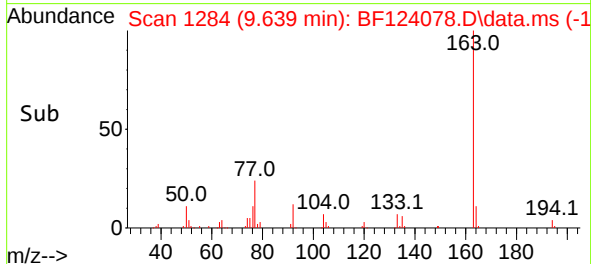
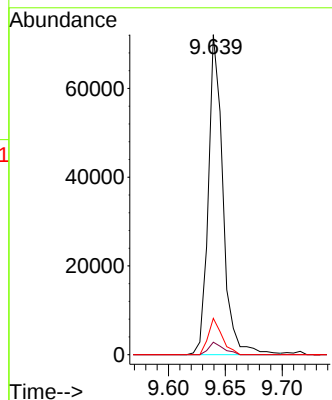
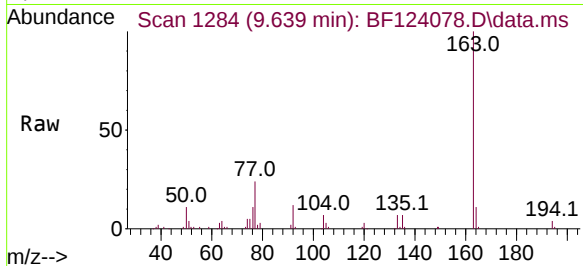




#50
Dimethylphthalate
Concen: 8.33 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

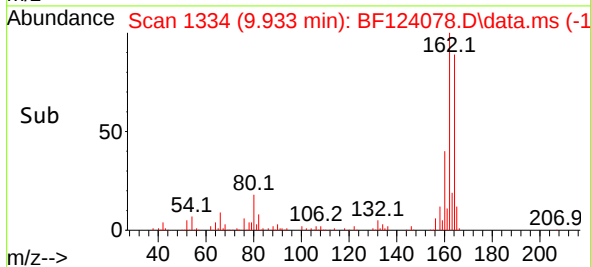
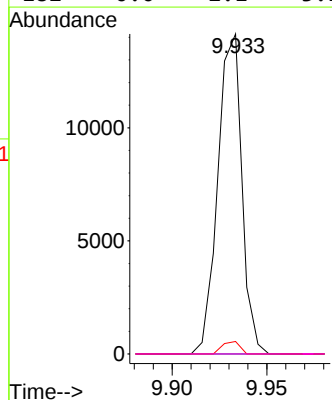
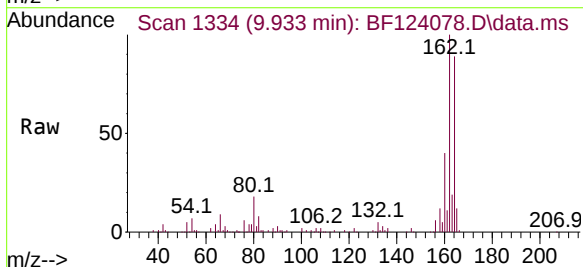
Instrument :
BNA_F
ClientSampleId :
GHOST-4

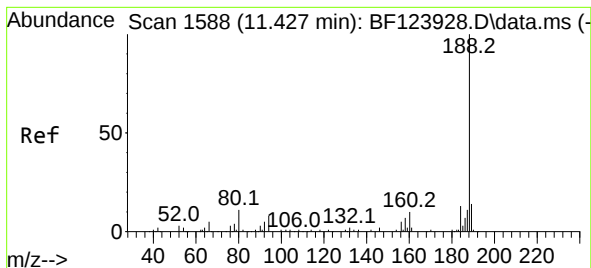
Tgt Ion:163 Resp: 64283
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 11.3 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion:165 Resp: 12506
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.9 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.011 min

Lab File: BF124078.D

Acq: 26 May 2021 22:53

Tgt Ion:188 Resp: 158937

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

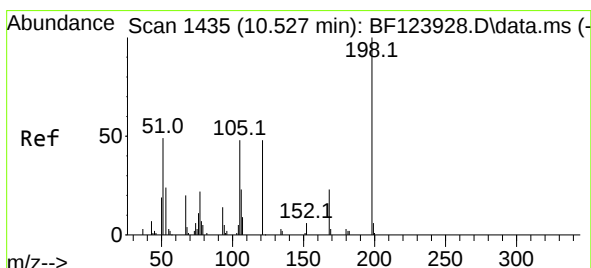
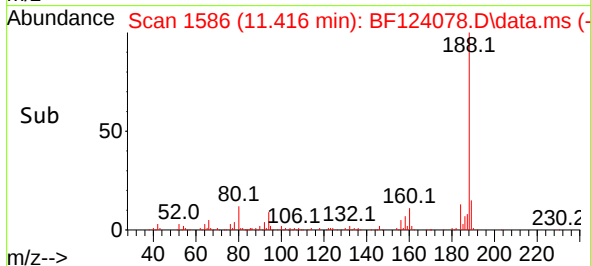
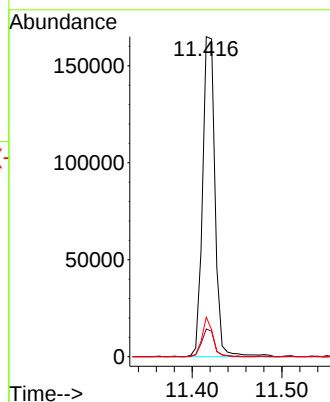
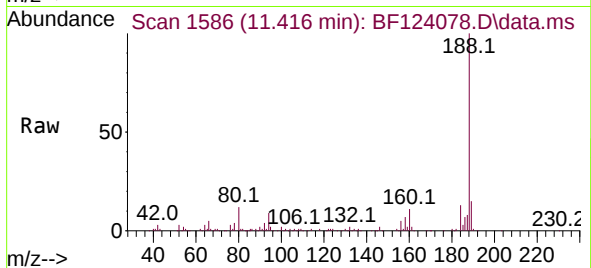
80 12.3 8.2 12.2#

Instrument :

BNA_F

ClientSampleId :

GHOST-4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.53 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.189 min

Lab File: BF124078.D

Acq: 26 May 2021 22:53

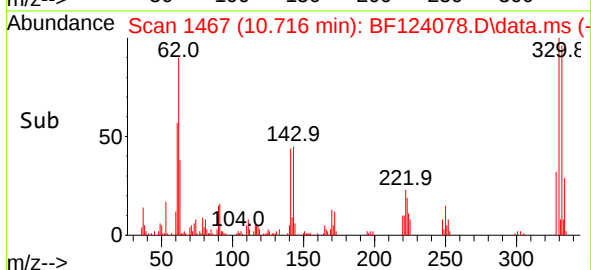
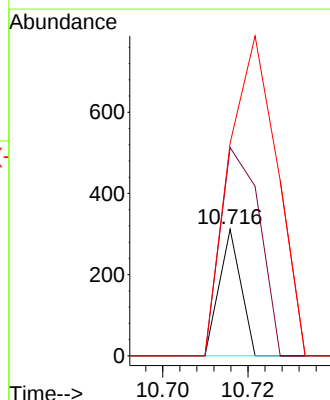
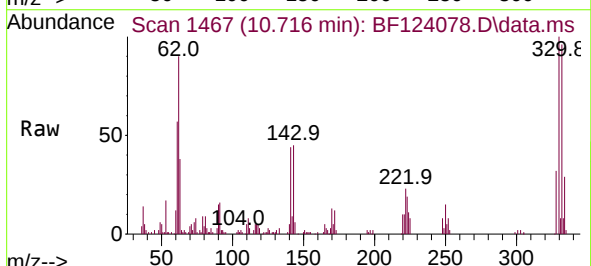
Tgt Ion:198 Resp: 110

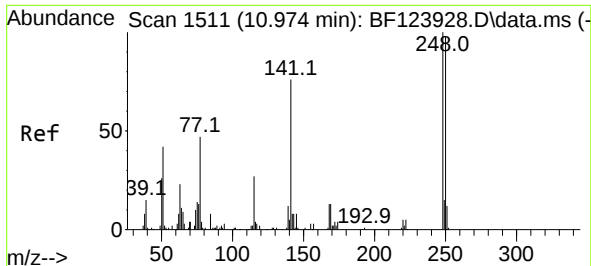
Ion Ratio Lower Upper

198 100

51 164.4 64.8 104.8#

105 167.9 42.6 82.6#

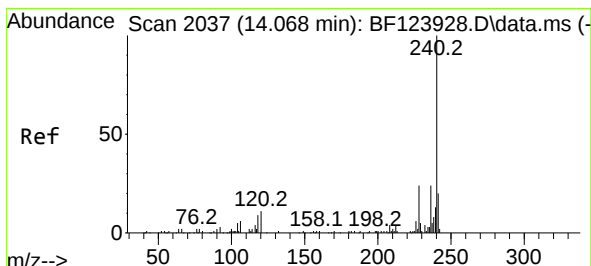
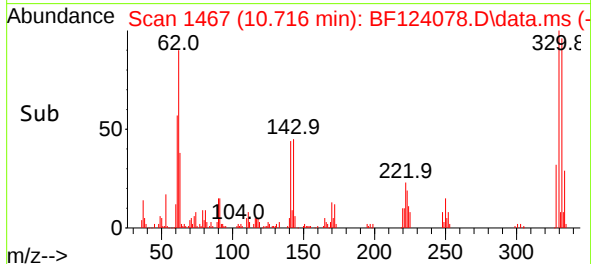
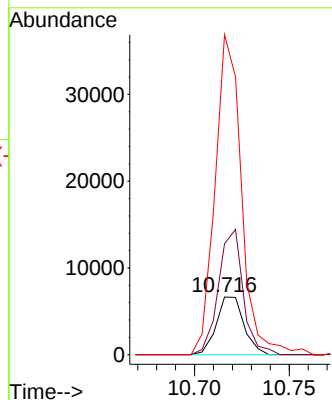
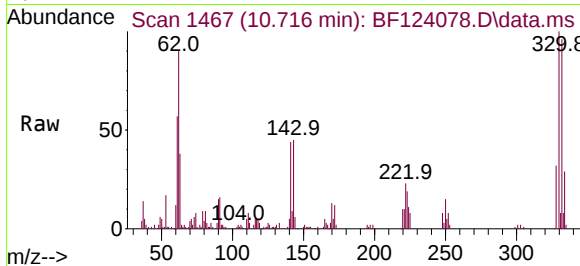




#67
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

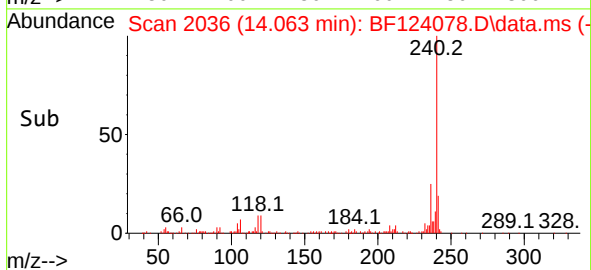
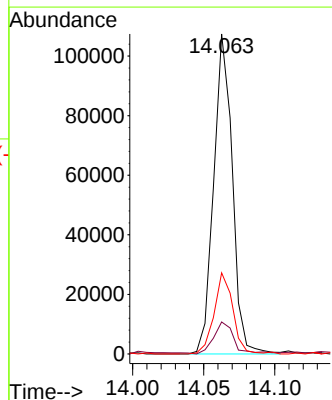
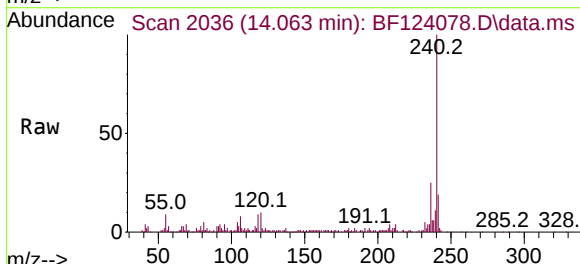
Instrument :
BNA_F
ClientSampleId :
GHOST-4

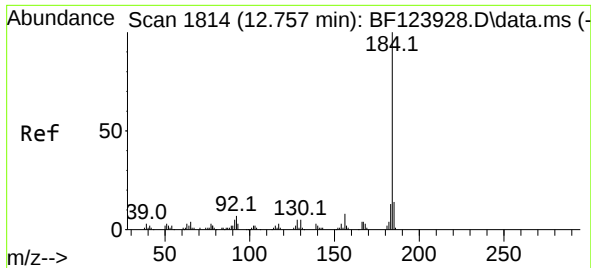
Tgt Ion:248 Resp: 6717
Ion Ratio Lower Upper
248 100
250 192.8 77.4 116.2#
141 556.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Tgt Ion:240 Resp: 97921
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 25.3 19.0 28.4

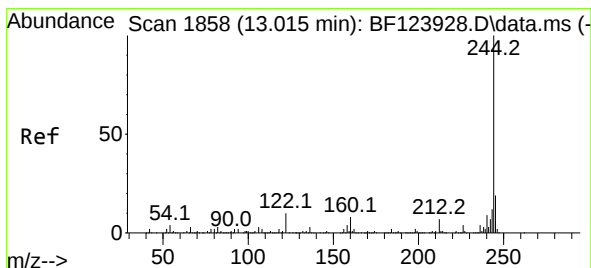
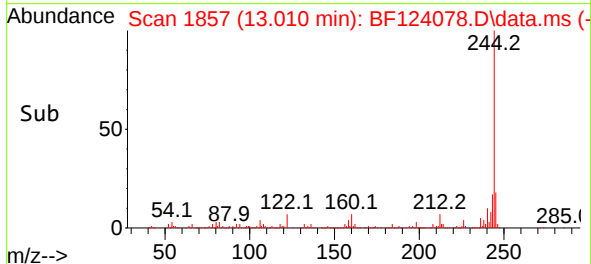
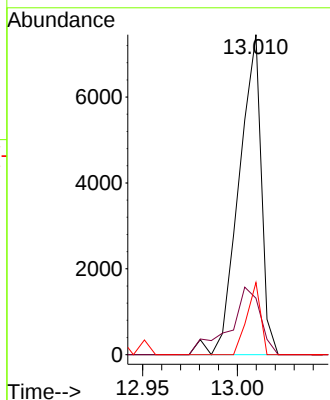
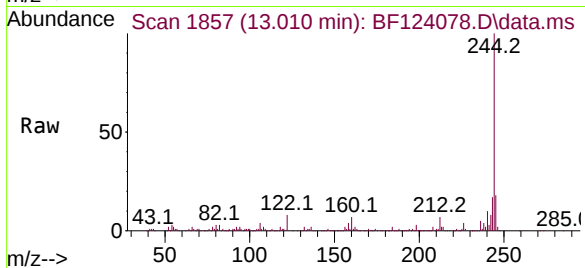




#77
Benzidine
Concen: 2.59 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

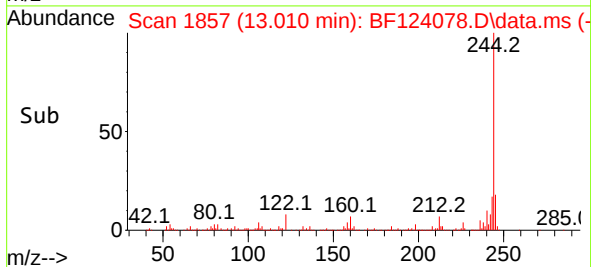
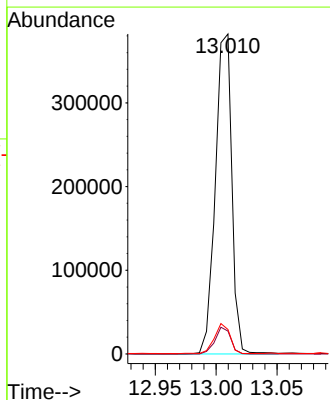
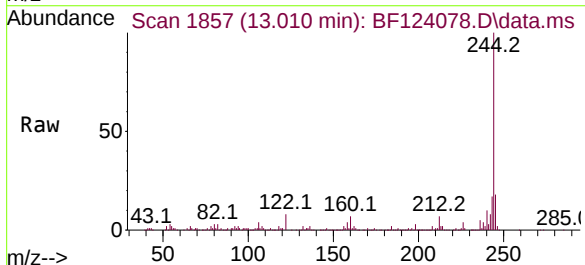
Instrument :
BNA_F
ClientSampled :
GHOST-4

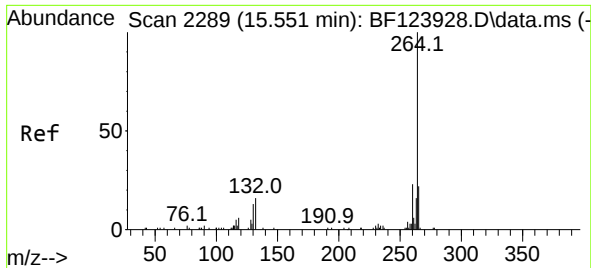
Tgt Ion:184 Resp: 6130
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 22.5 7.8 11.8#



#79
Terphenyl-d14
Concen: 55.93 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

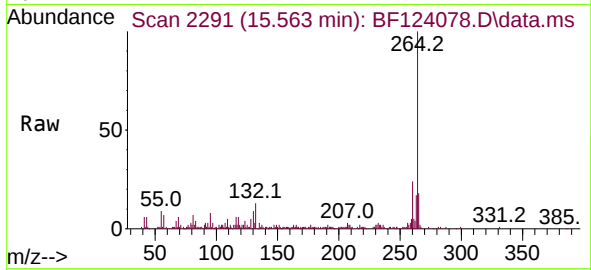
Tgt Ion:244 Resp: 361582
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.6 9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124078.D
Acq: 26 May 2021 22:53

Instrument :
BNA_F
ClientSampleId :
GHOST-4



Tgt Ion:264 Resp: 96143

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	18.3	17.8	26.8

