

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122334.D
 Acq On : 13 Nov 2020 17:44
 Operator : JU/CG
 Sample : L4617-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1-(0.5-1)

Quant Time: Nov 16 09:42:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

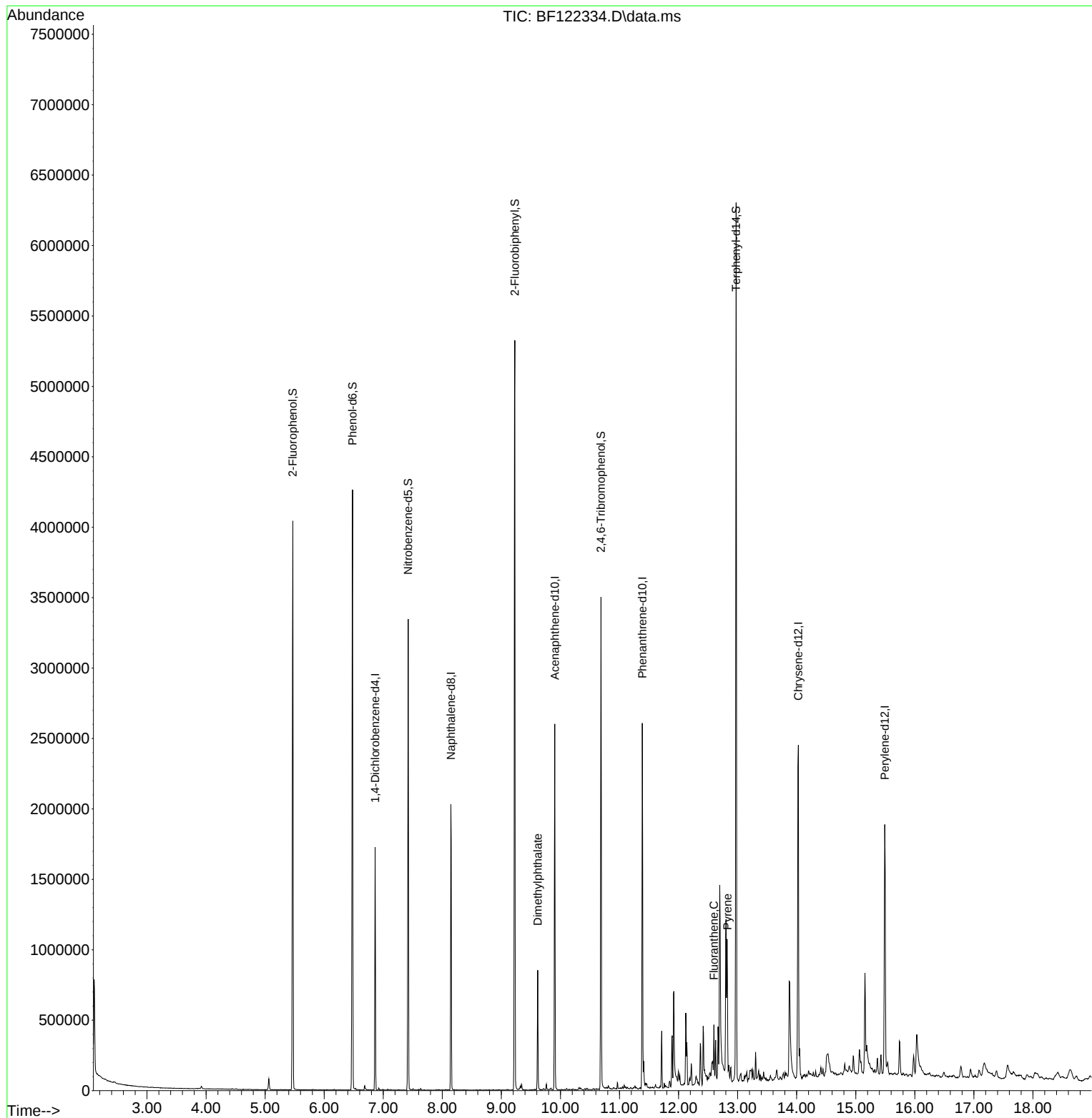
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	220673	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	844257	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	458364	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	859412	20.00	ng	0.00
76) Chrysene-d12	14.027	240	800564	20.00	ng	0.00
86) Perylene-d12	15.492	264	793499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1066367	74.20	ng	0.00
7) Phenol-d6	6.481	99	1397485	74.33	ng	-0.01
23) Nitrobenzene-d5	7.422	82	913787	66.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	382938	77.84	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1609733	54.87	ng	0.00
79) Terphenyl-d14	12.974	244	1809447	47.88	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.616	163	294458	9.04	ng	99
75) Fluoranthene	12.598	202	139228	2.74	ng	96
78) Pyrene	12.827	202	143681	2.55	ng	99

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

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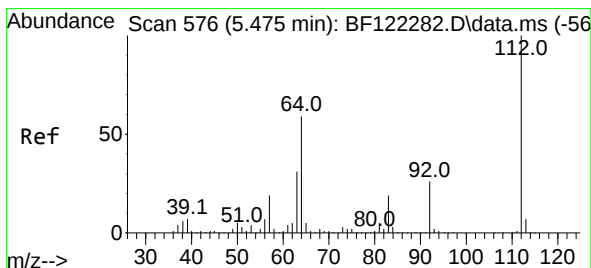
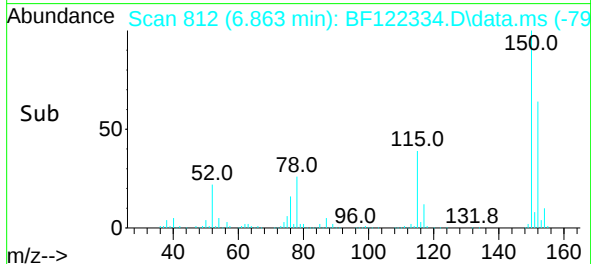
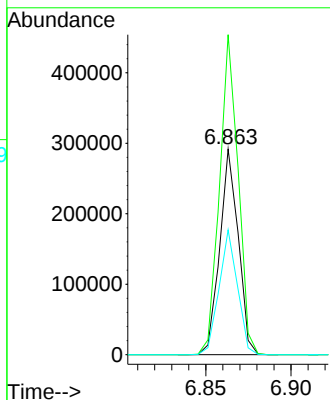
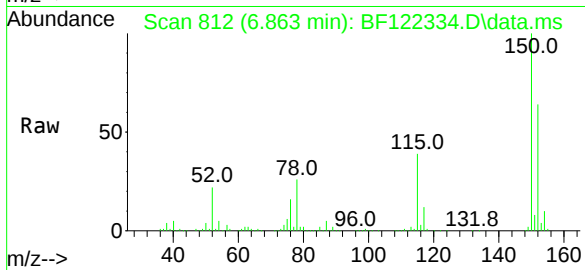




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

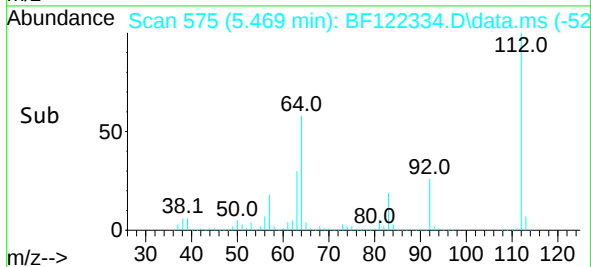
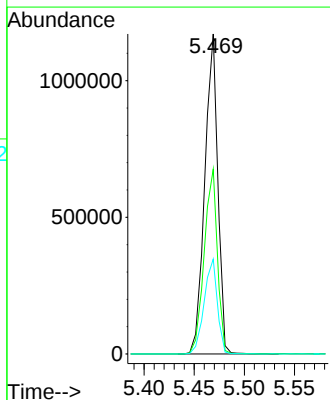
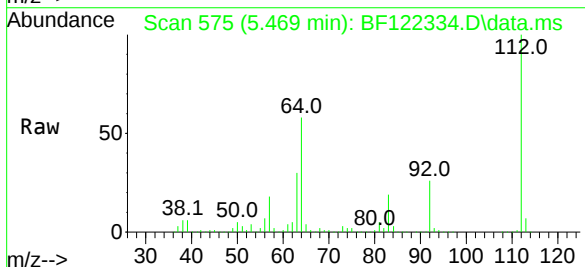
Instrument :
BNA_F
ClientSampleId :
BG-1-(0.5-1)

Tgt Ion:152 Resp: 220673
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 60.7 51.9 77.9



#5
2-Fluorophenol
Concen: 74.20 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Tgt Ion:112 Resp: 1066367
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 29.7 25.8 38.6



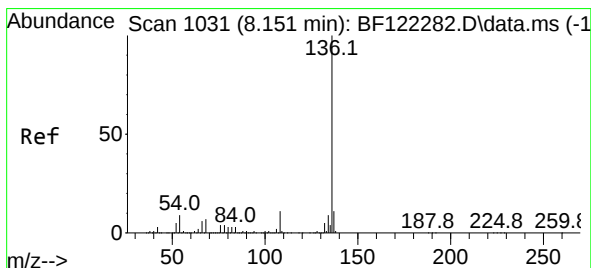
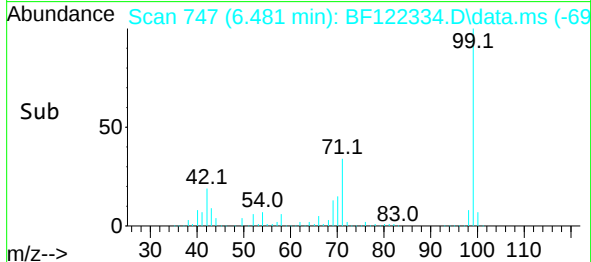
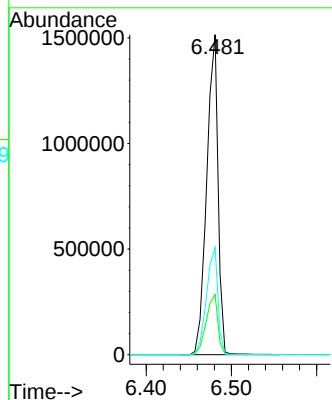
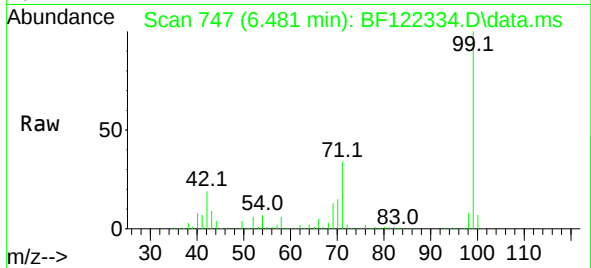


#7
Phenol-d6
Concen: 74.33 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BG-1-(0.5-1)

Tgt Ion: 99 Resp: 1397485

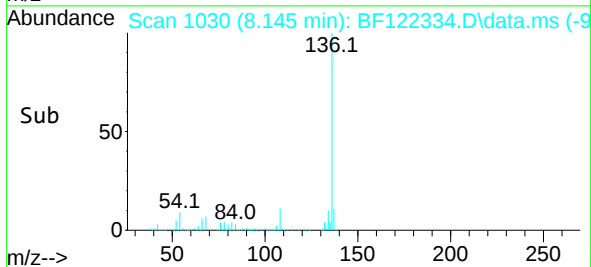
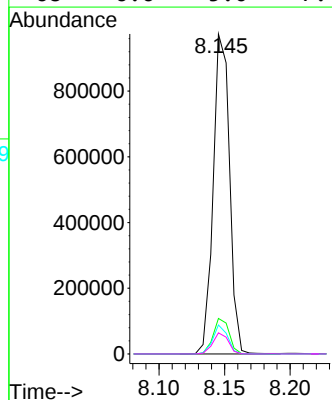
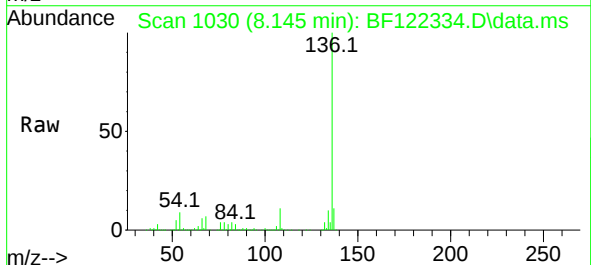
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	33.6	27.1	40.7

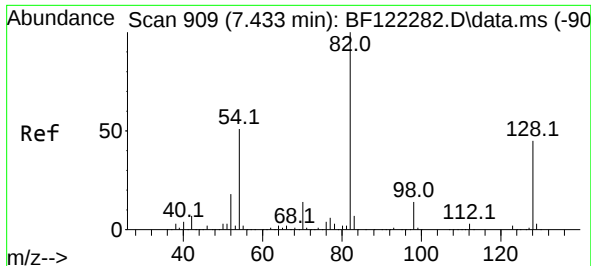


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Tgt Ion: 136 Resp: 844257

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.1	7.1	10.7
68	6.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 66.26 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.011 min

Lab File: BF122334.D

Acq: 13 Nov 2020 17:44

Tgt Ion: 82 Resp: 913787

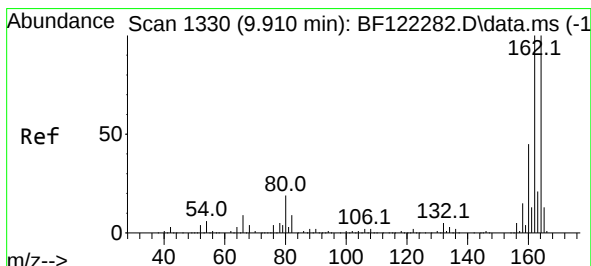
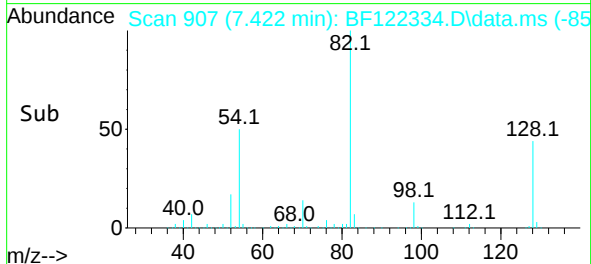
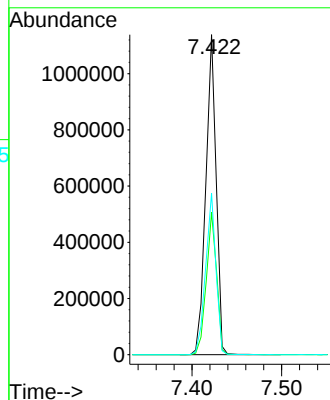
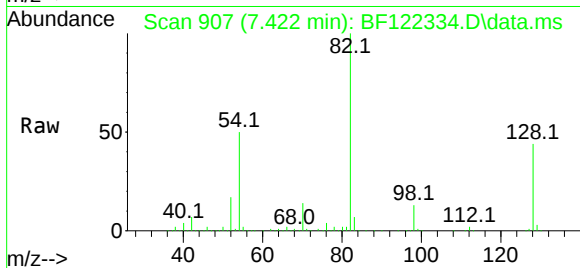
Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.4
54	50.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

BG-1-(0.5-1)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

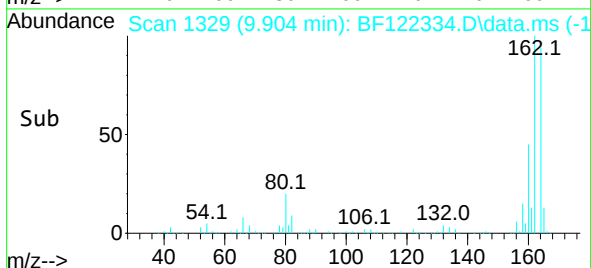
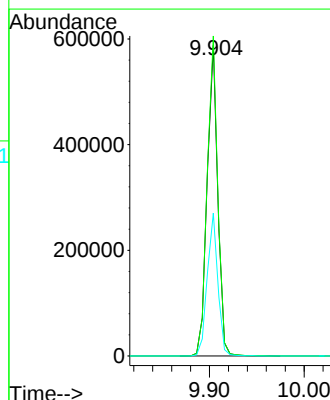
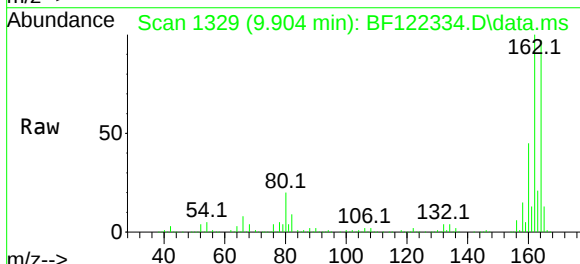
Delta R.T. -0.006 min

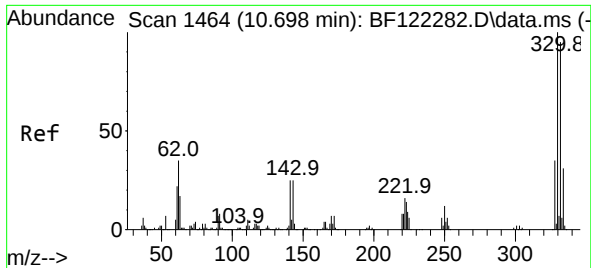
Lab File: BF122334.D

Acq: 13 Nov 2020 17:44

Tgt Ion:164 Resp: 458364

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	46.0	37.5	56.3

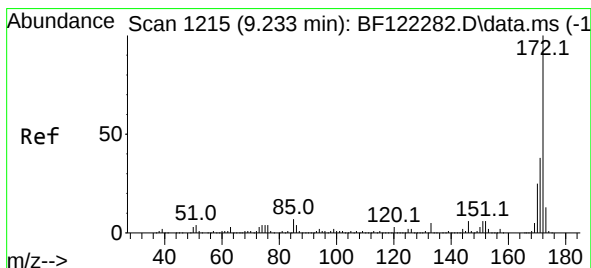
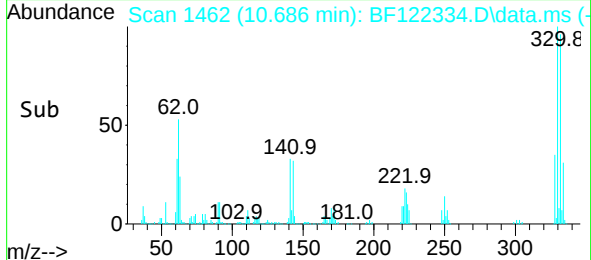
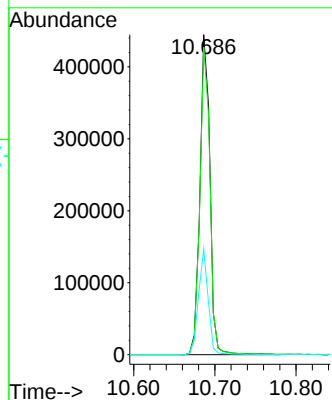
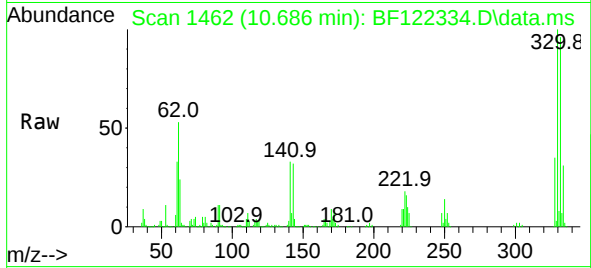




#42
2,4,6-Tribromophenol
Concen: 77.84 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

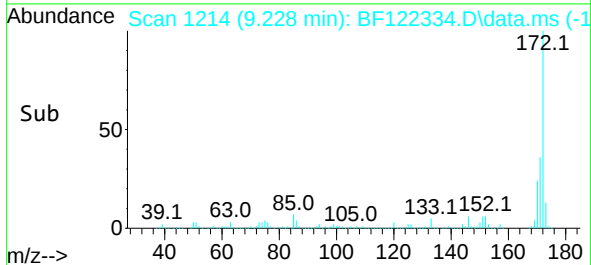
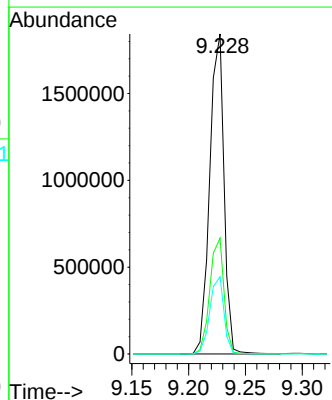
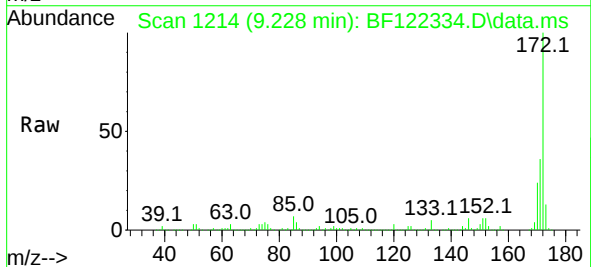
Instrument :
BNA_F
ClientSampleId :
BG-1-(0.5-1)

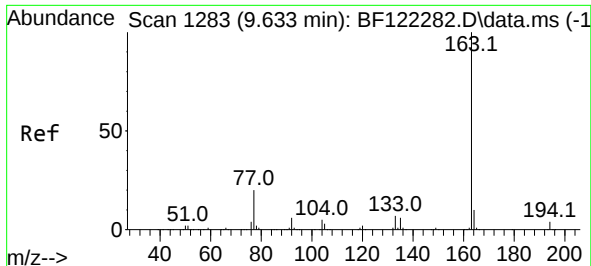
Tgt Ion: 330 Resp: 382938
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 54.87 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Tgt Ion: 172 Resp: 1609733
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

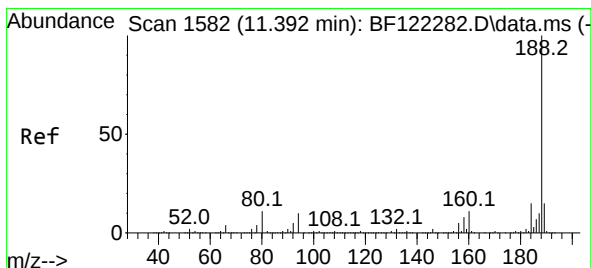
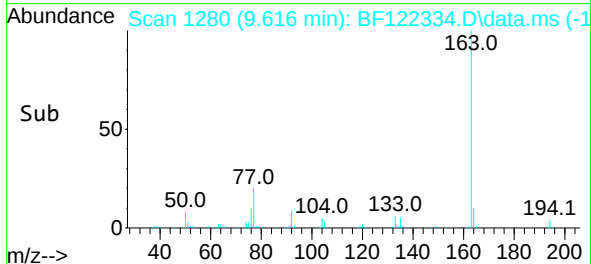
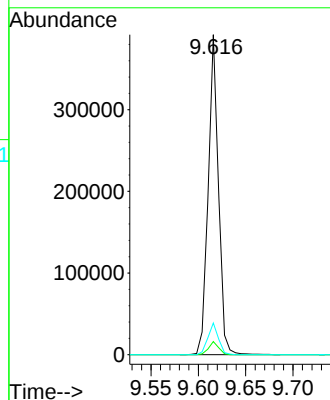
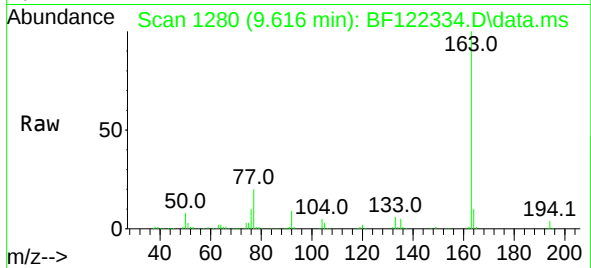




#50
Dimethylphthalate
Concen: 9.04 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

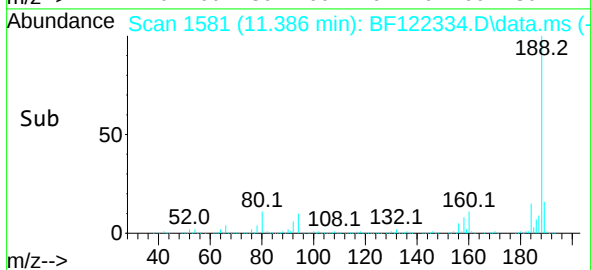
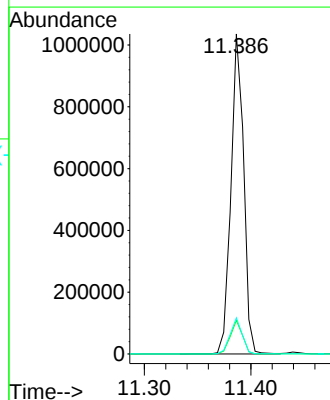
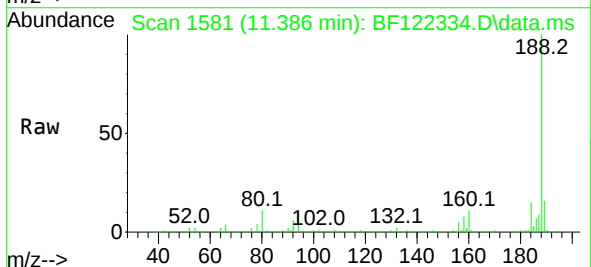
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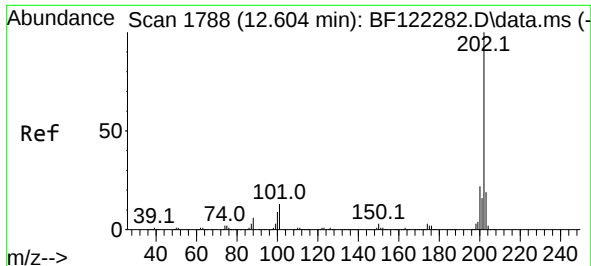
Tgt Ion:163 Resp: 294458
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Tgt Ion:188 Resp: 859412
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.3 9.1 13.7

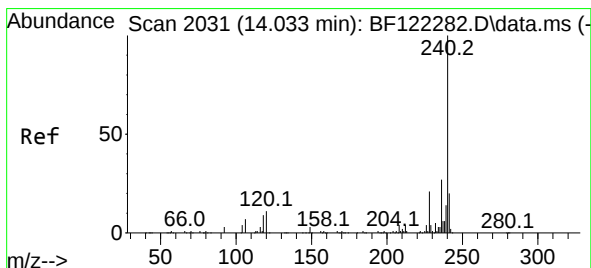
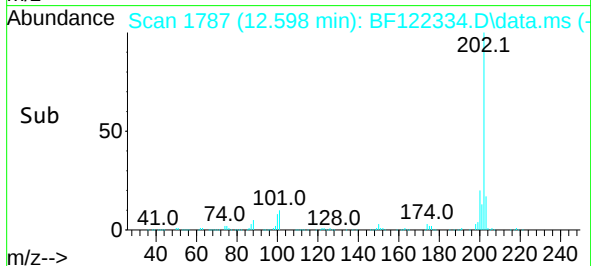
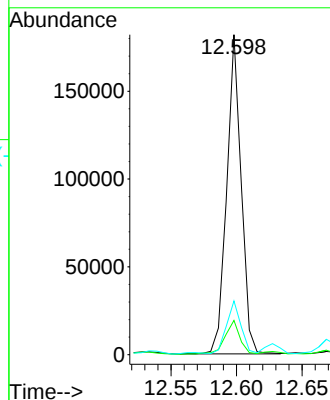
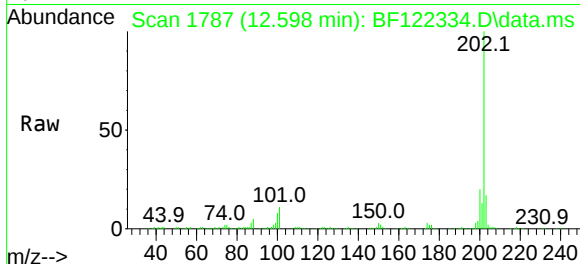




#75
Fluoranthene
Concen: 2.74 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

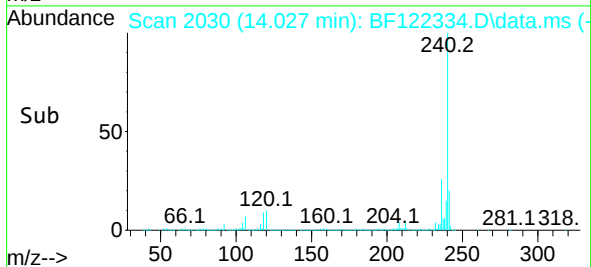
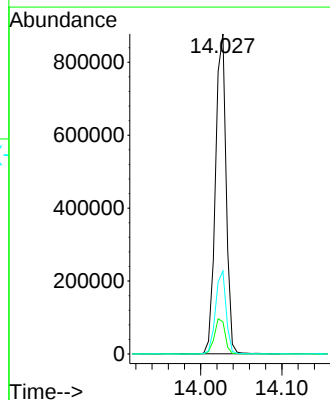
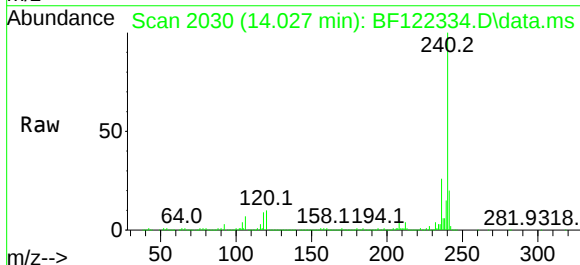
Instrument :
BNA_F
ClientSampleId :
BG-1-(0.5-1)

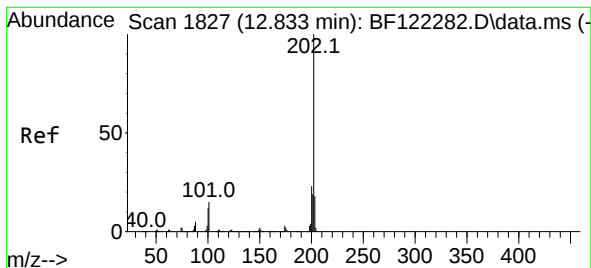
Tgt Ion:202 Resp: 139228
Ion Ratio Lower Upper
202 100
101 10.7 0.0 33.4
203 16.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122334.D
Acq: 13 Nov 2020 17:44

Tgt Ion:240 Resp: 800564
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.9 20.9 31.3





#78

Pyrene

Concen: 2.55 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF122334.D

Acq: 13 Nov 2020 17:44

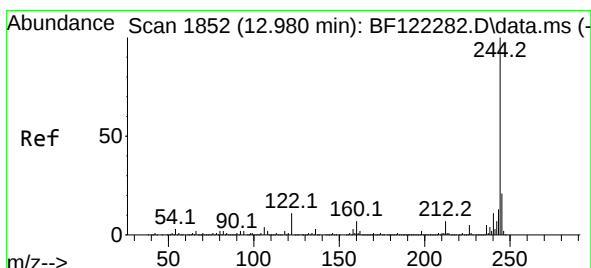
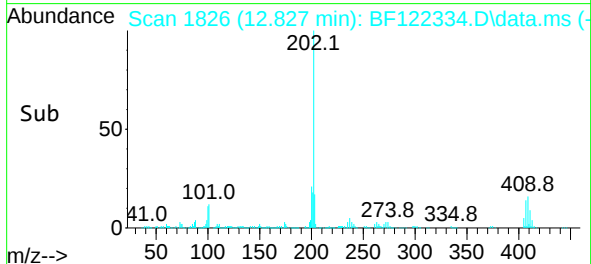
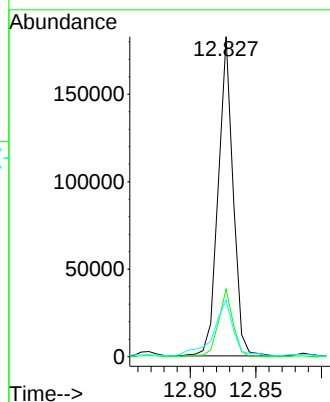
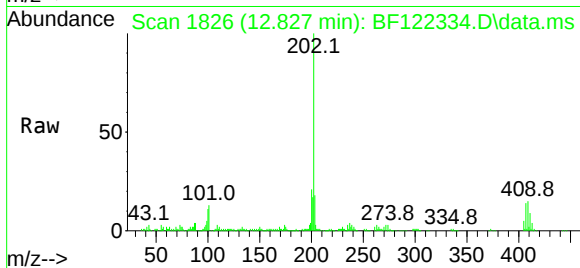
Tgt Ion:	202	Resp:	143681
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.7	14.6	21.8

Instrument :

BNA_F

ClientSampleId :

BG-1-(0.5-1)



#79

Terphenyl-d14

Concen: 47.88 ng

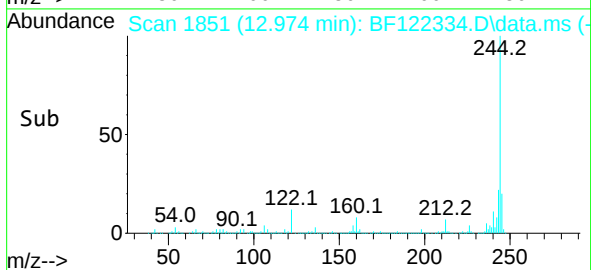
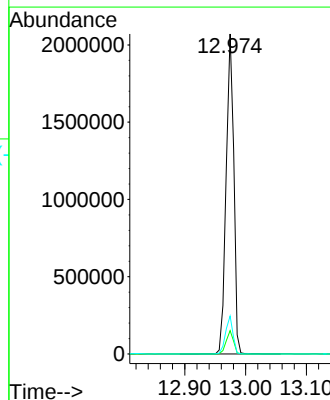
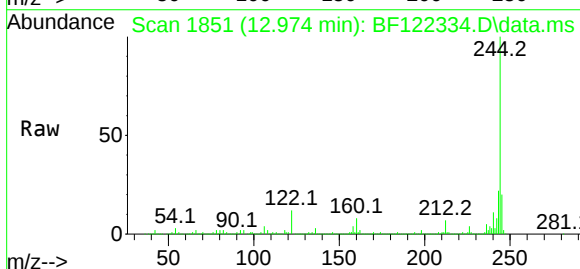
RT: 12.974 min Scan# 1851

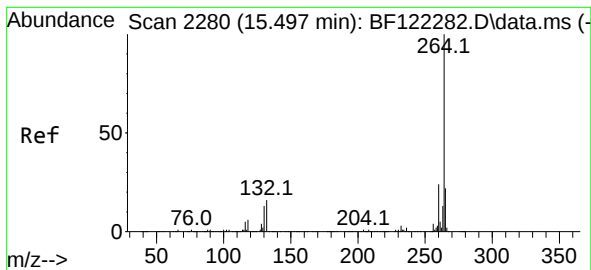
Delta R.T. -0.006 min

Lab File: BF122334.D

Acq: 13 Nov 2020 17:44

Tgt Ion:	244	Resp:	1809447
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.2
122	11.8	8.1	12.1





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF122334.D

Acq: 13 Nov 2020 17:44

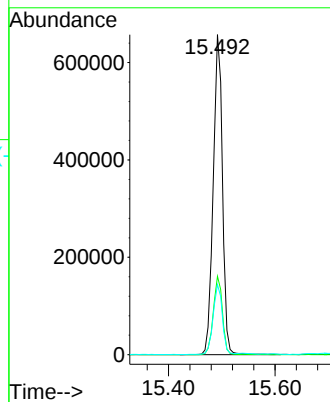
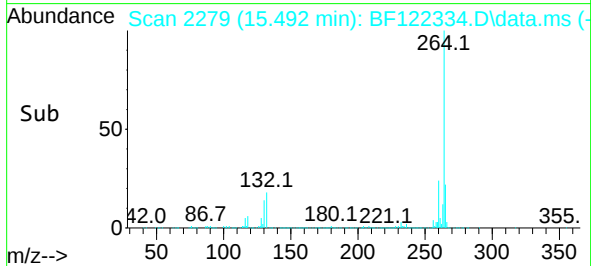
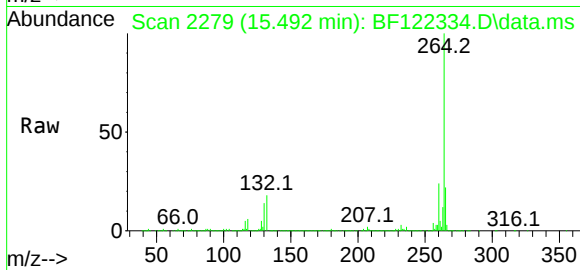
Tgt Ion:264 Resp: 793499

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.9 17.3 25.9



Instrument :

BNA_F

ClientSampleId :

BG-1-(0.5-1)