

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120907.D
 Acq On : 17 Jul 2020 1:49
 Operator : JU/CG
 Sample : L3308-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15

Quant Time: Jul 17 05:44:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

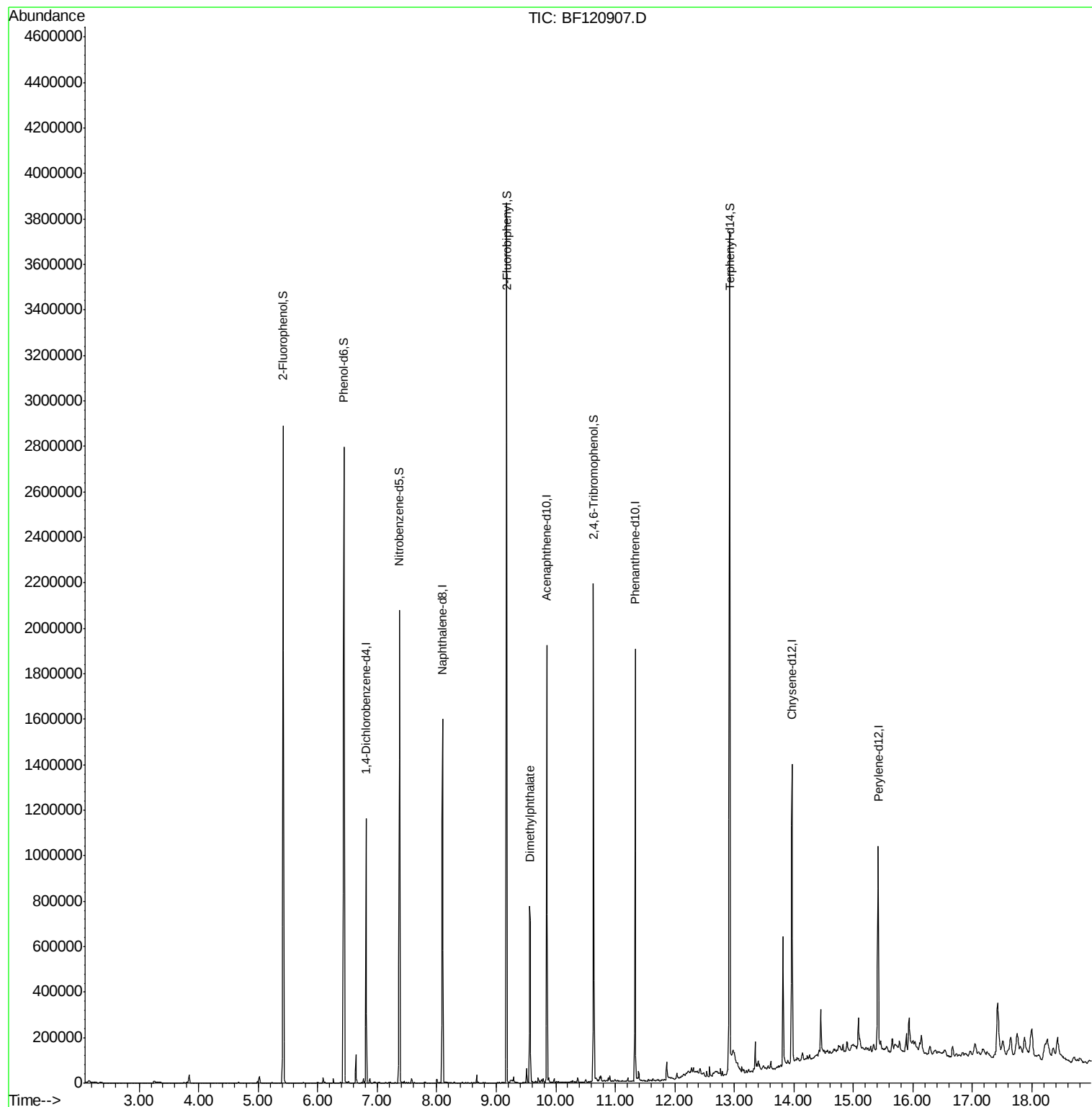
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170715	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	654006	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	342080	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641595	20.00	ng	0.00
76) Chrysene-d12	13.97	240	434874	20.00	ng	0.00
86) Perylene-d12	15.42	264	390350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833062	80.00	ng	0.00
7) Phenol-d6	6.44	99	1025281	76.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	615035	54.42	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	299609	80.02	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1154189	50.38	ng	0.00
79) Terphenyl-d14	12.92	244	1136710	56.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	301996	12.237	ng	Qvalue 100

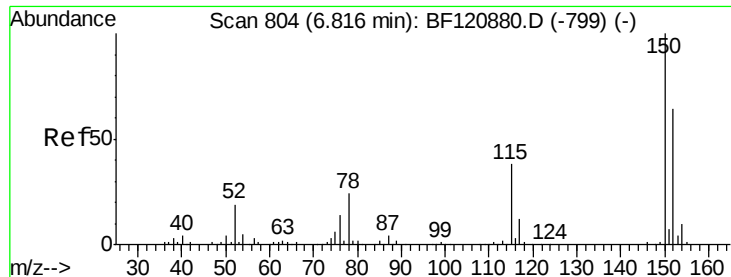
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 16 14:20:32 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

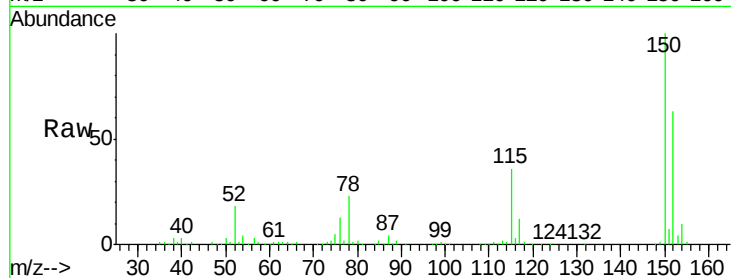
Tot Ion:152 Resp: 170715

Ion Ratio Lower Upper

152 100

150 158.2 125.0 187.6

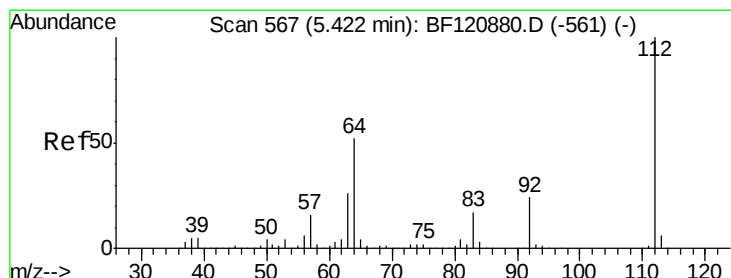
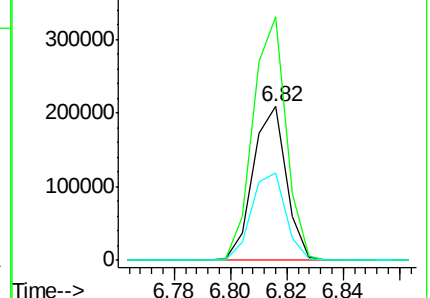
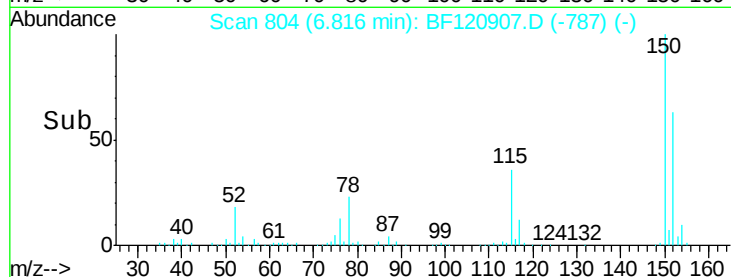
115 56.8 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 79.998 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

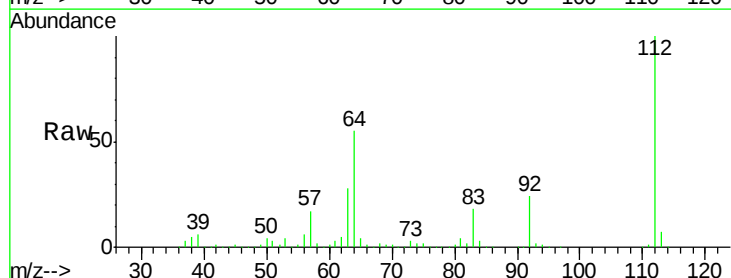
Tgt Ion:112 Resp: 833062

Ion Ratio Lower Upper

112 100

64 55.0 41.3 61.9

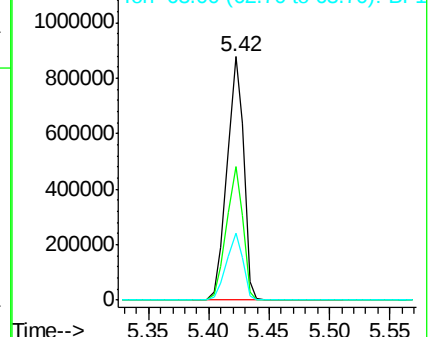
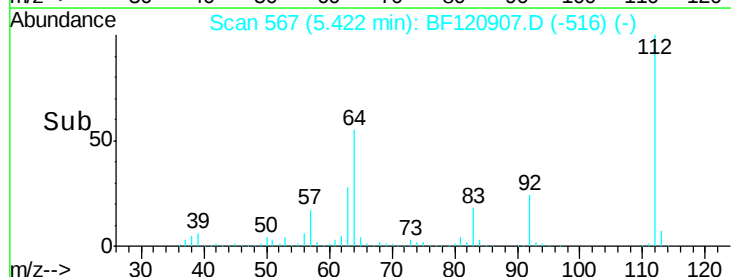
63 27.7 21.1 31.7

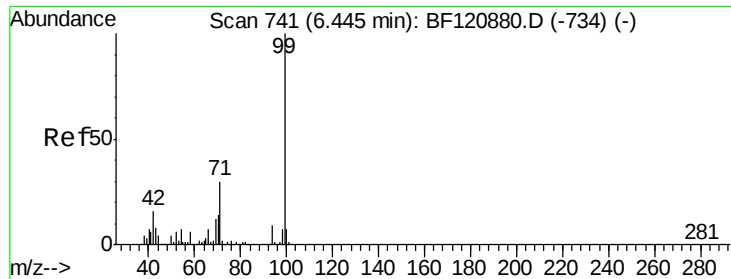


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.220 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

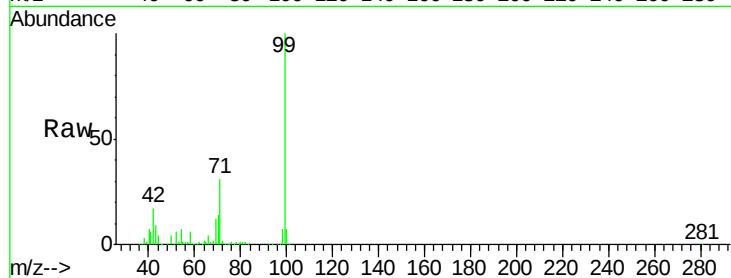
BNA_F

ClientSampleId :

15

Tot Ion: 99 Resp: 1025281

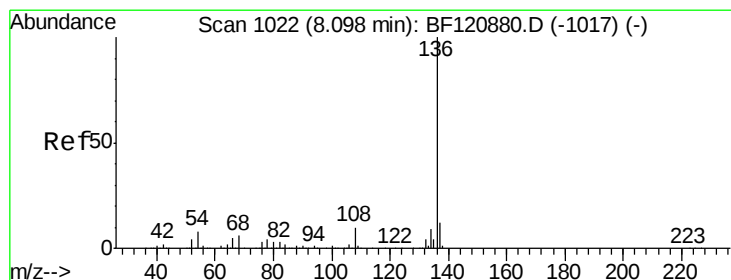
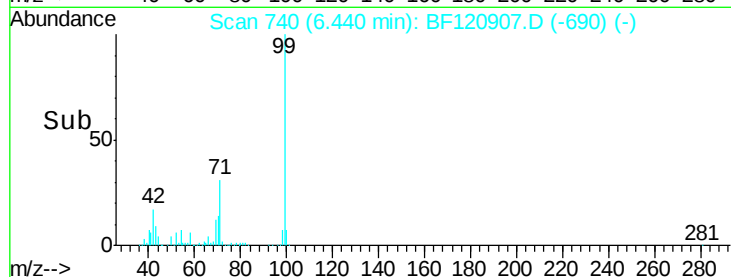
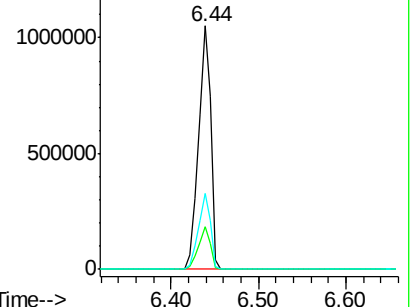
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	30.9	24.2	36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

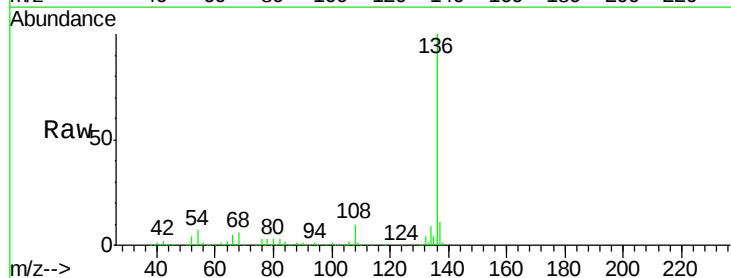
Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Tgt Ion: 136 Resp: 654006

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.1	6.3	9.5
68	5.6	5.0	7.4

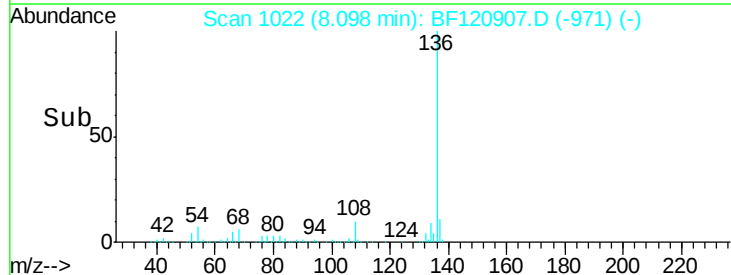
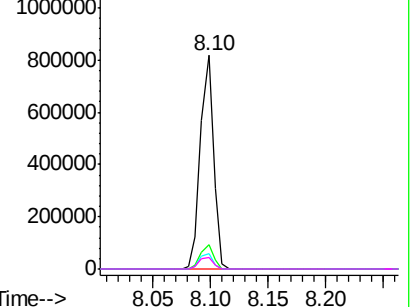


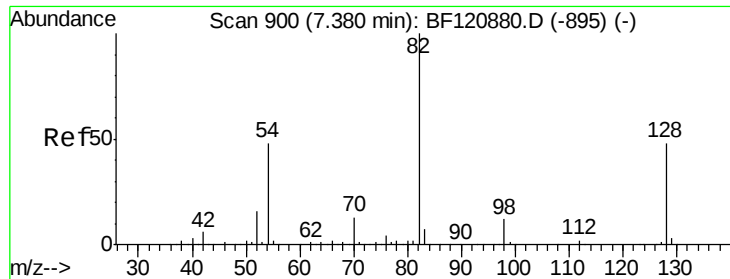
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

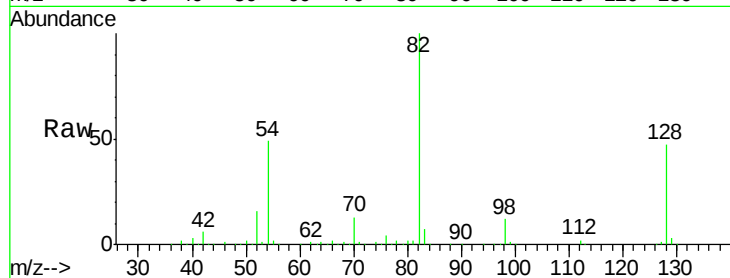




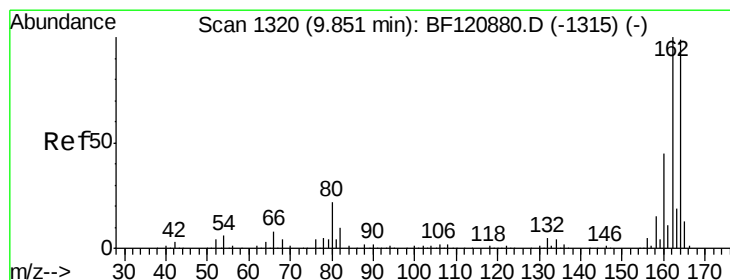
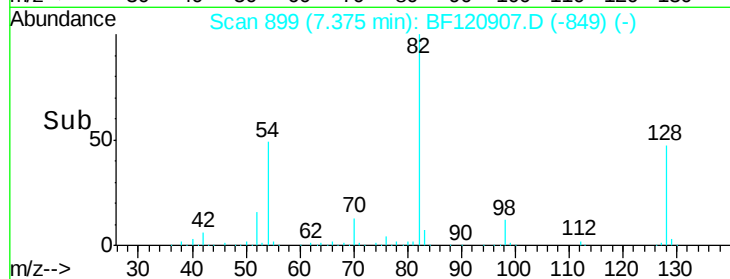
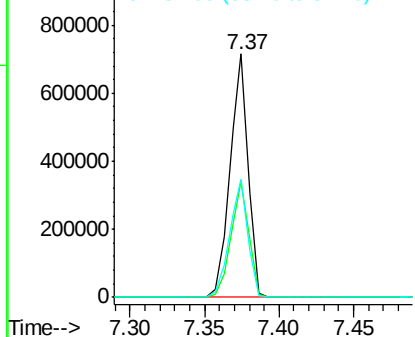
#23
Nitrobenzene-d5
Concen: 54.415 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

Instrument :
BNA_F
ClientSampled :
15

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.6	38.7	58.1

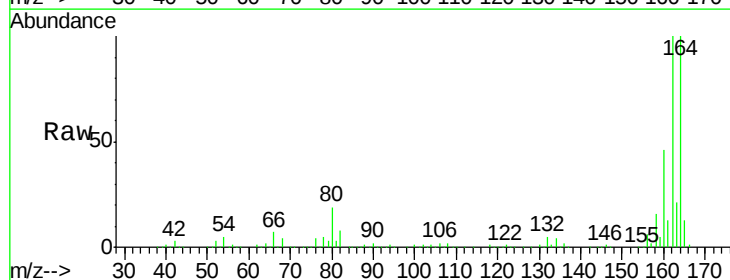


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

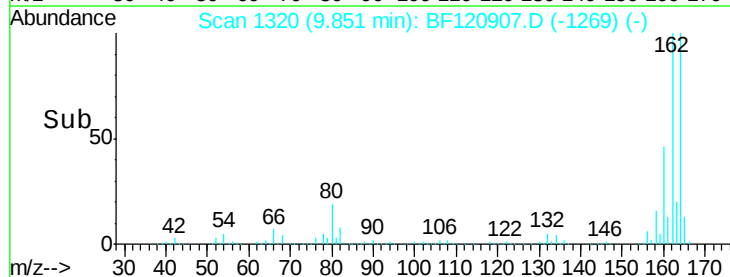
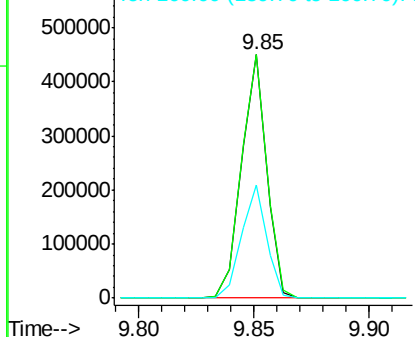


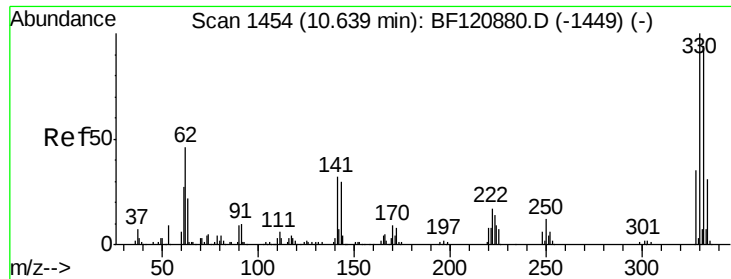
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.2	121.8
160	46.3	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

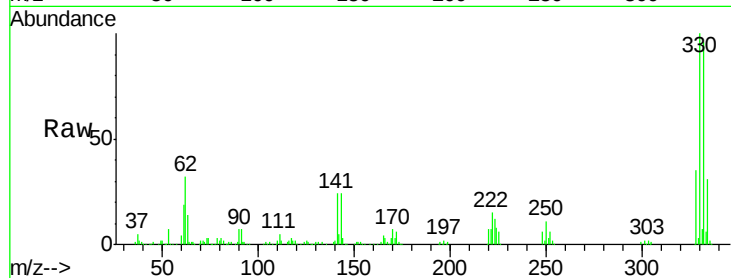




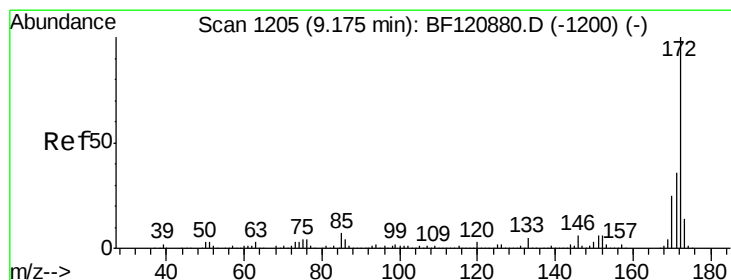
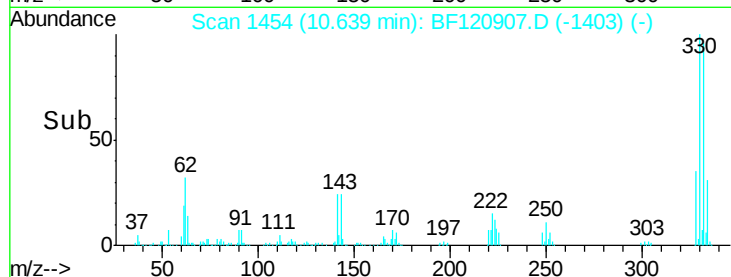
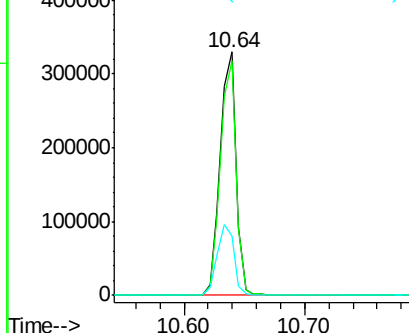
#42
 2,4,6-Tribromophenol
 Concen: 80.015 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Instrument :
 BNA_F
 ClientSampleId :
 15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	30.3	25.7	38.5

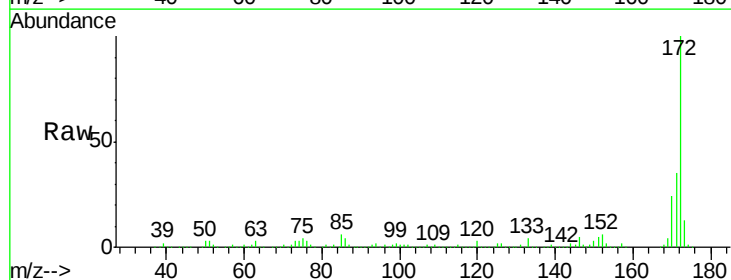


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

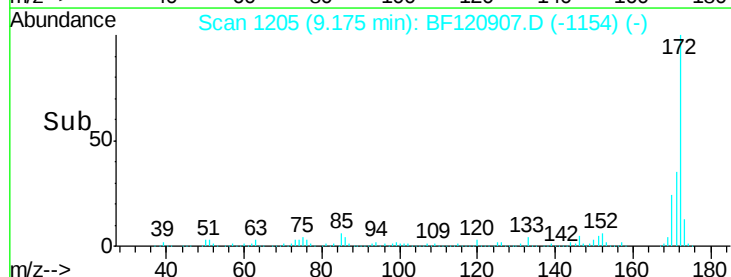
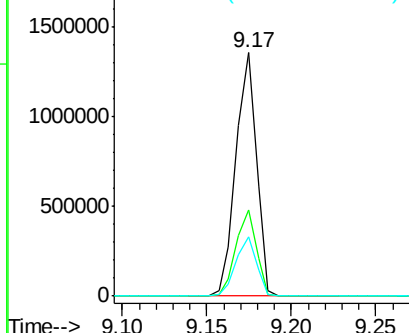


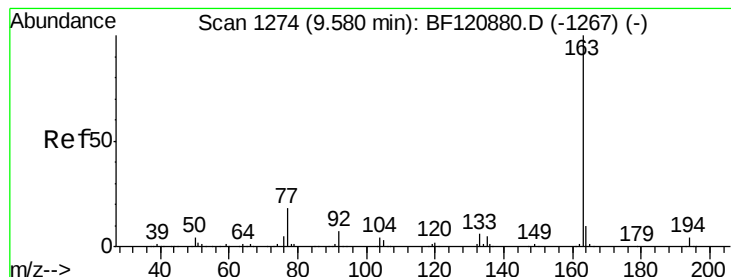
#45
 2-Fluorobiphenyl
 Concen: 50.376 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	24.5	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.237 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

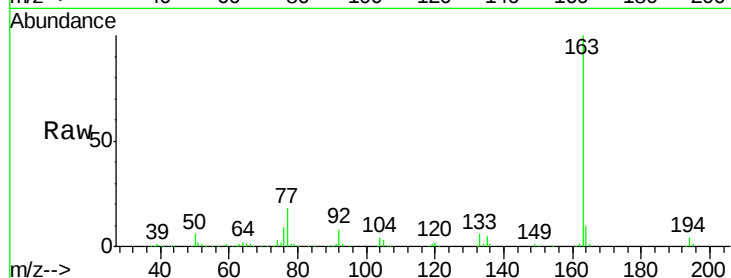
Tot Ion:163 Resp: 301996

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

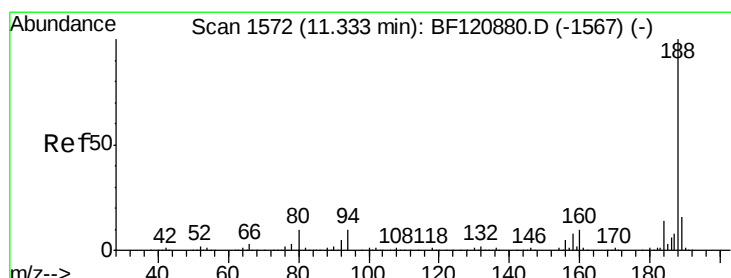
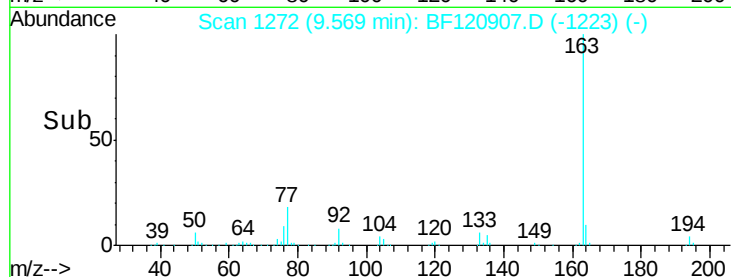
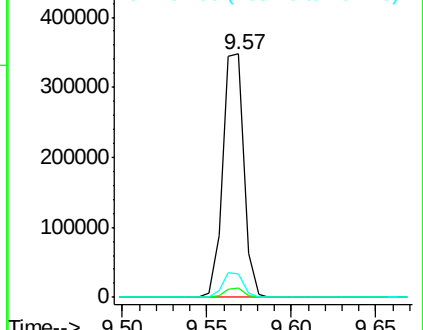
164 9.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

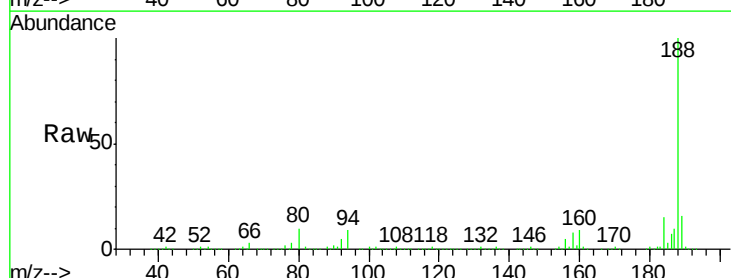
Tgt Ion:188 Resp: 641595

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

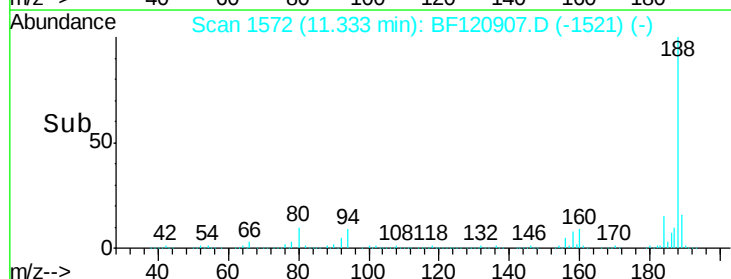
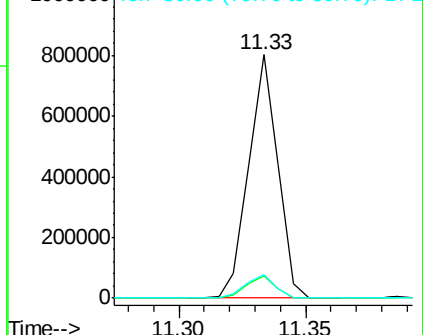
80 9.6 8.3 12.5

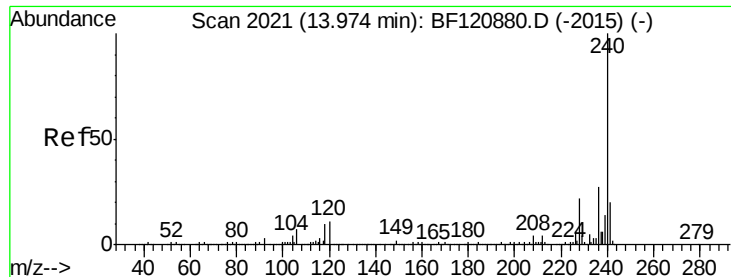


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

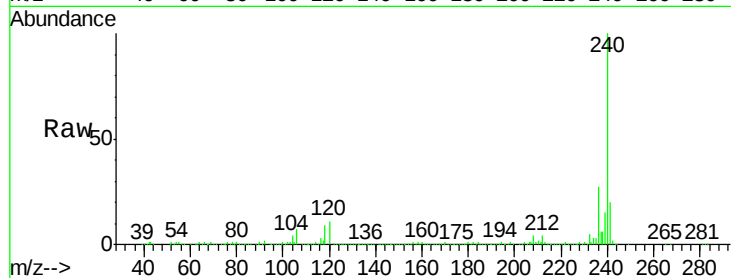
Tot Ion:240 Resp: 434874

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

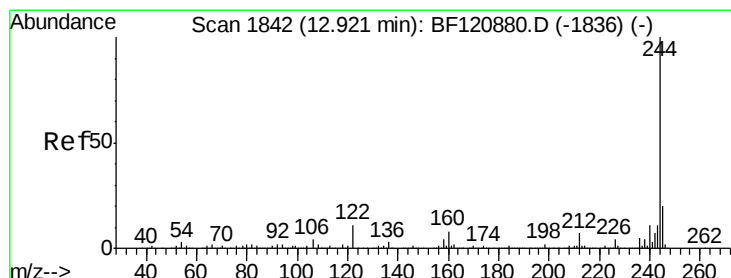
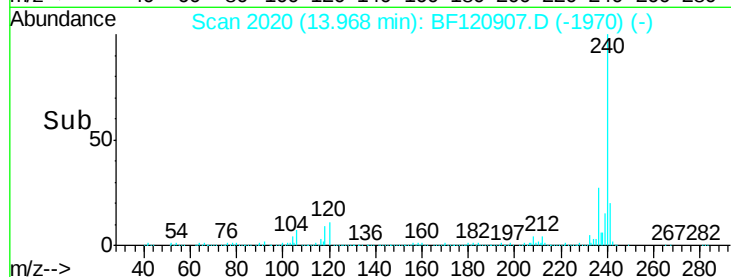
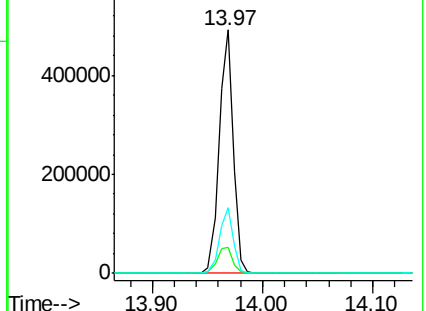
236 26.8 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 56.820 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

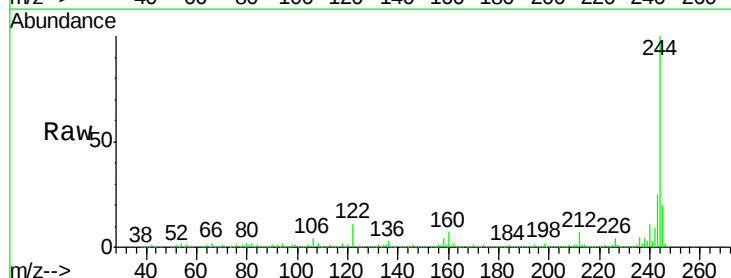
Tgt Ion:244 Resp: 1136710

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

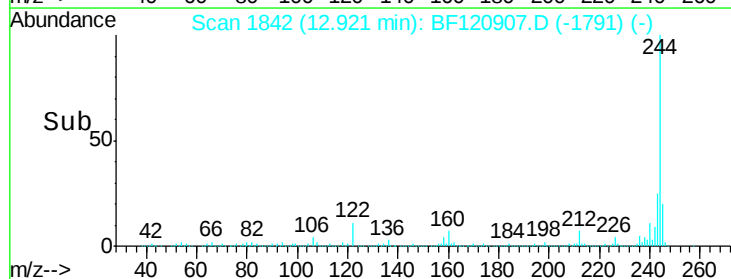
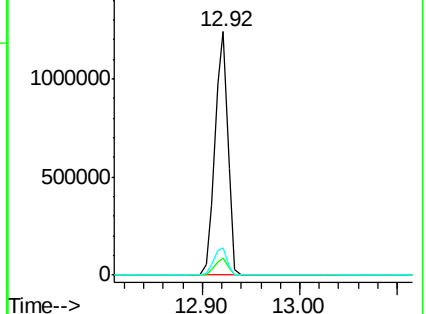
122 11.3 8.9 13.3

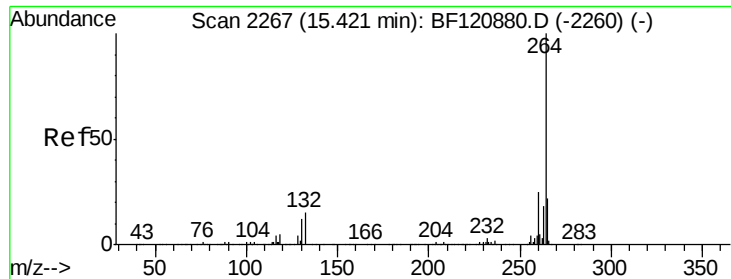


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

Instrument :
BNA_F
ClientSampleId :
15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.4	17.4	26.2

