

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121158.D
 Acq On : 31 Jul 2020 15:16
 Operator : JU/CG
 Sample : L3511-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 31 16:15:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

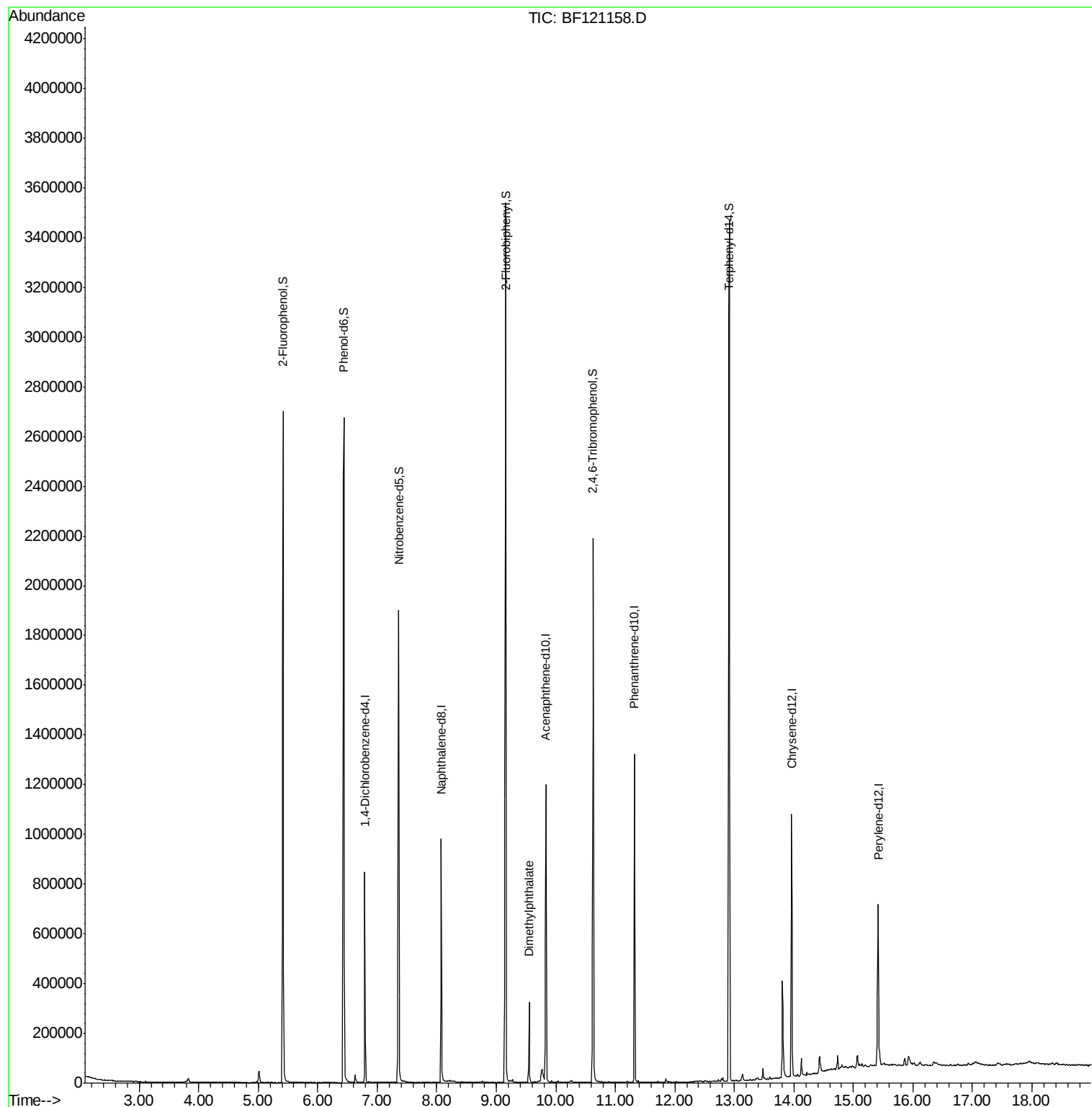
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128321	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	492942	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	253206	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	483650	20.00	ng	0.00
76) Chrysene-d12	13.96	240	349555	20.00	ng	0.00
86) Perylene-d12	15.42	264	297155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	896579	114.54	ng	0.00
7) Phenol-d6	6.44	99	1106399	109.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	736396	86.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	323189	116.61	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1278825	75.41	ng	0.00
79) Terphenyl-d14	12.92	244	1267513	78.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	132610	7.259	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

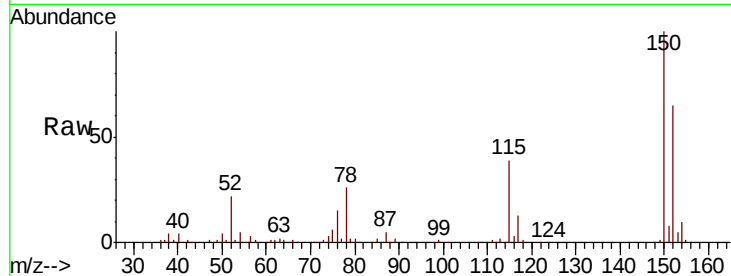
Tot Ion:152 Resp: 128321

Ion Ratio Lower Upper

152 100

150 153.9 125.6 188.4

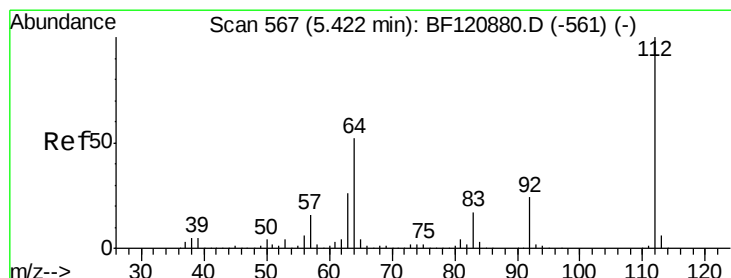
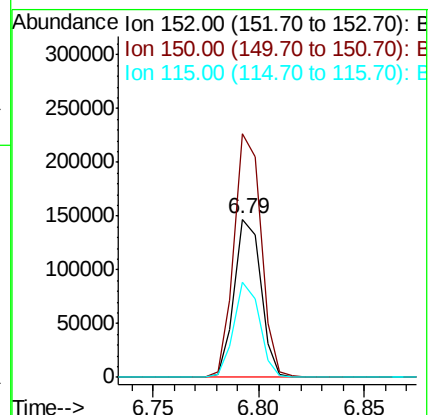
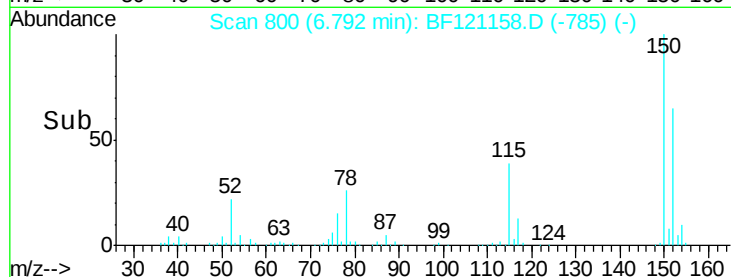
115 60.3 46.2 69.2



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: 114.542 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

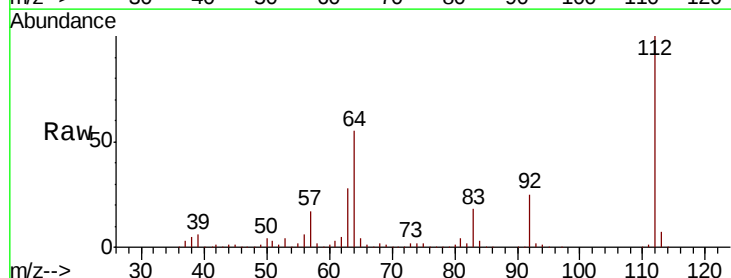
Tgt Ion:112 Resp: 896579

Ion Ratio Lower Upper

112 100

64 55.0 43.9 65.9

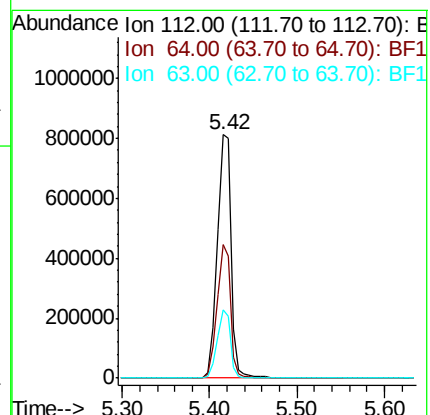
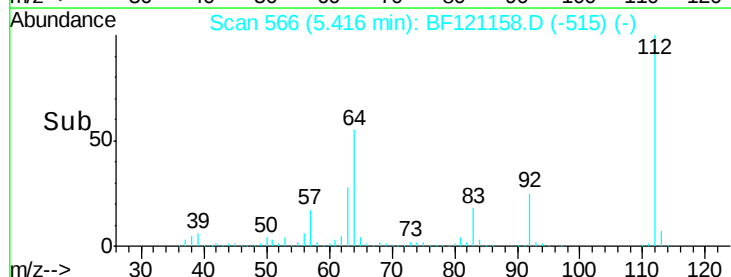
63 28.1 22.7 34.1



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: 109.423 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

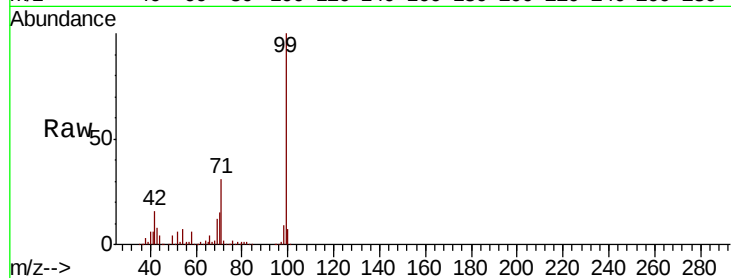
BNA_F

ClientSampled :

TP-2

Tot Ion: 99 Resp: 1106399

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	30.9	25.0	37.4

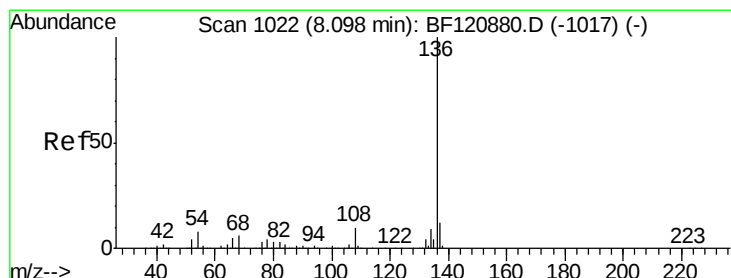
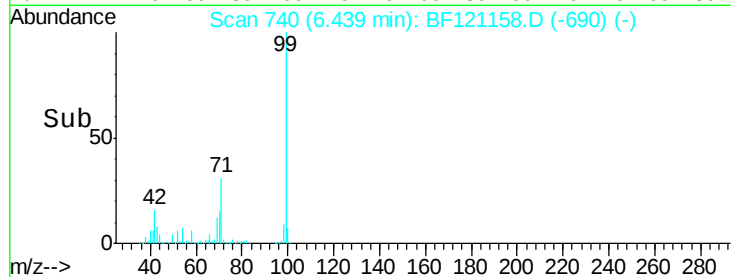


Abundance

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: 8.08 min Scan# 1019

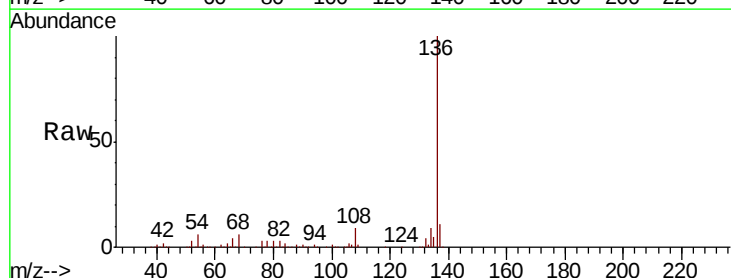
Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Tgt Ion: 136 Resp: 492942

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.5	6.1	9.1
68	5.5	5.0	7.6



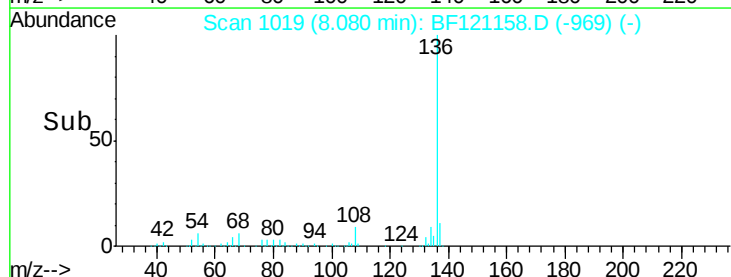
Abundance

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

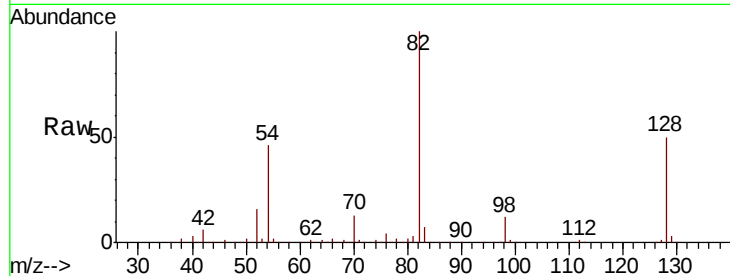




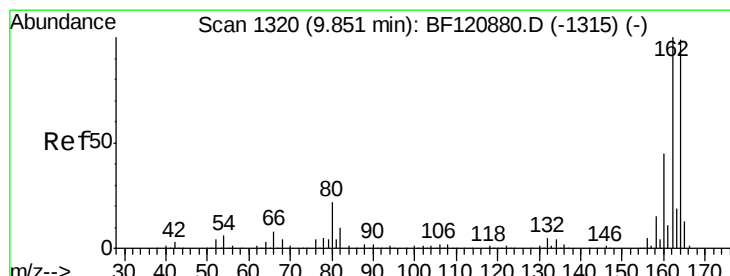
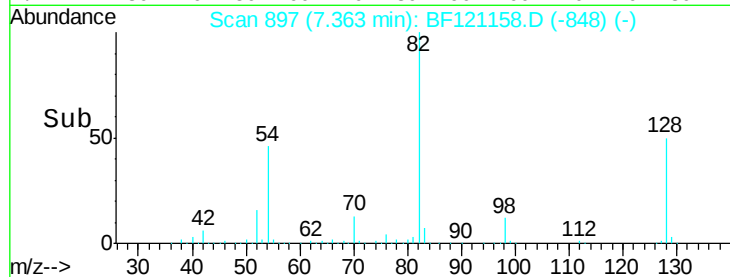
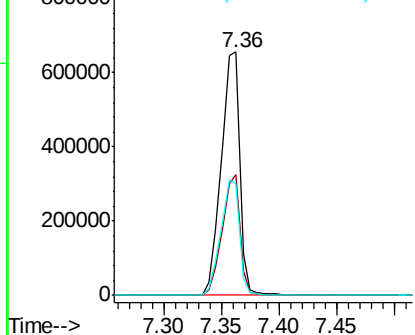
#23
Nitrobenzene-d5
Concen: 86.440 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121158.D
Acq: 31 Jul 2020 15:16

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	39.2	58.8
54	46.2	37.8	56.8

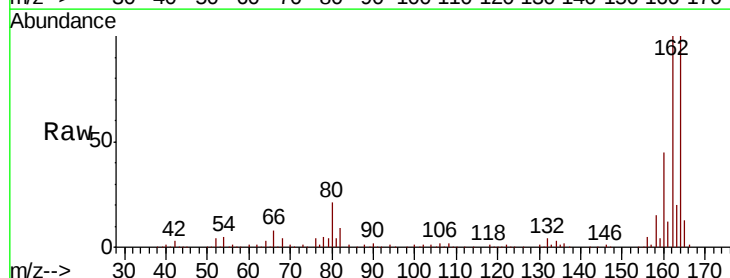


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

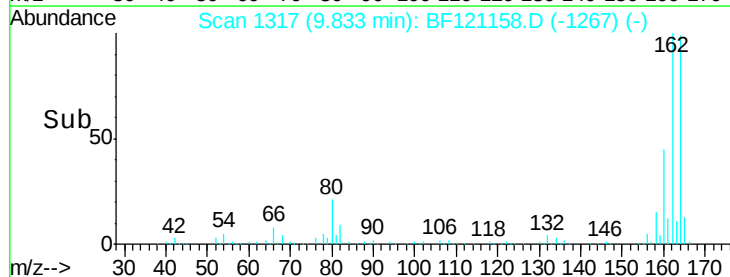
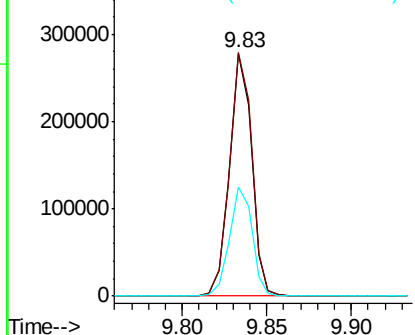


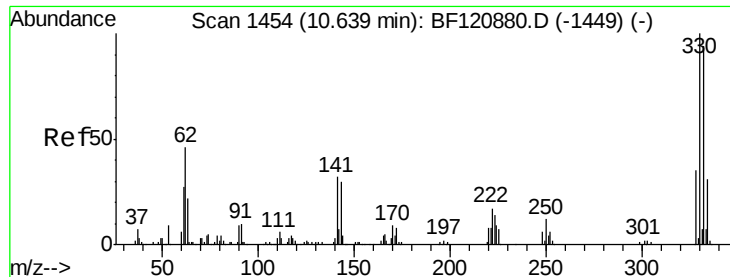
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121158.D
Acq: 31 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	45.0	37.2	55.8



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

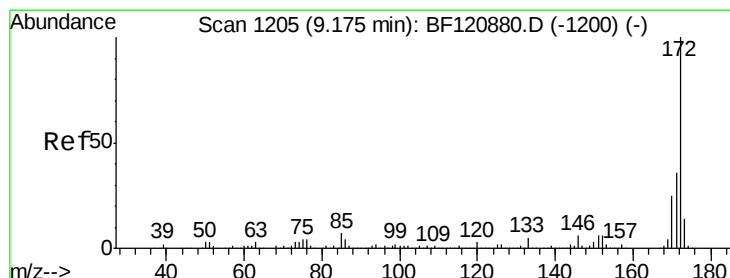
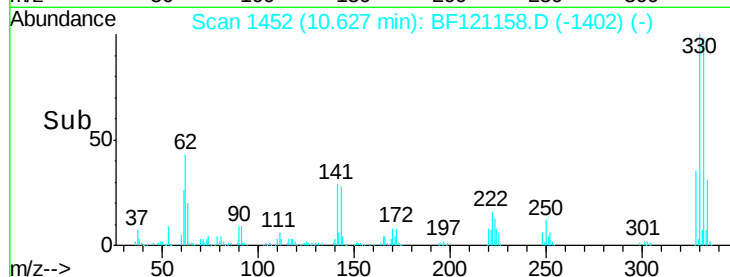
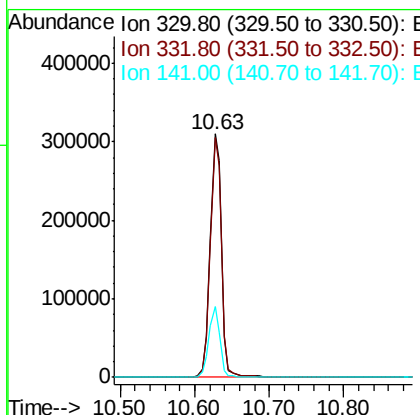
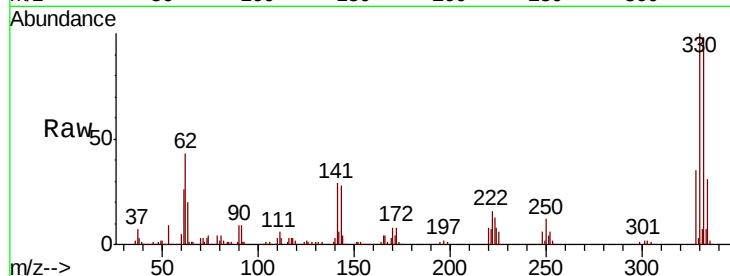




#42
 2,4,6-Tribromophenol
 Concen: 116.608 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

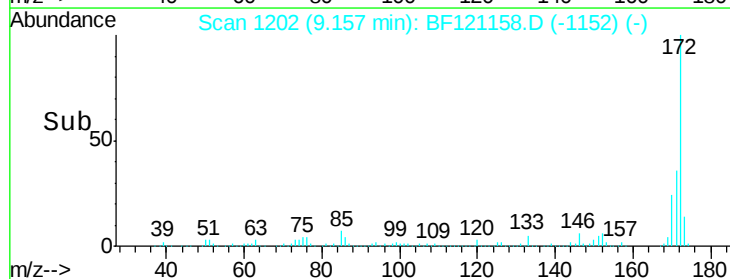
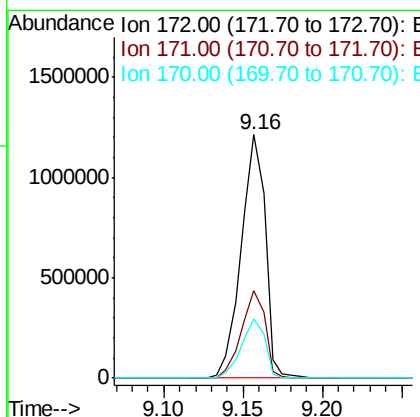
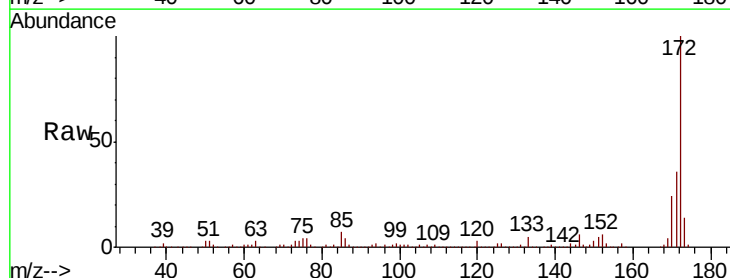
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

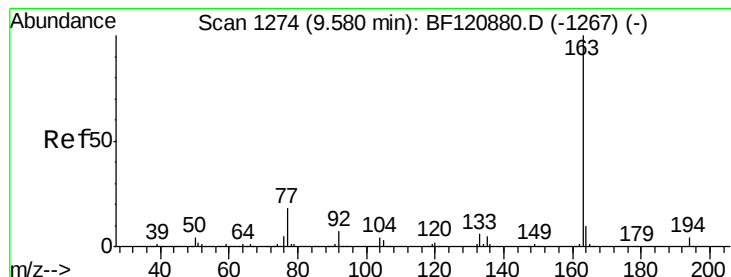
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.1	114.1
141	28.7	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 75.407 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 7.259 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

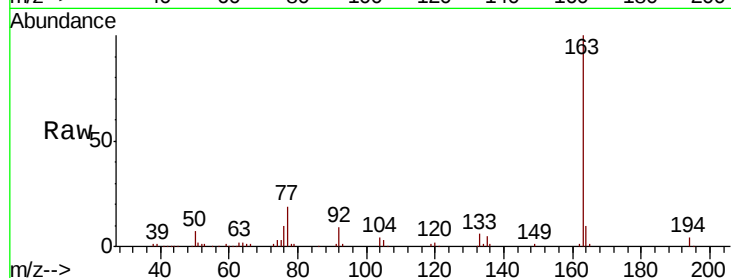
Tot Ion:163 Resp: 132610

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

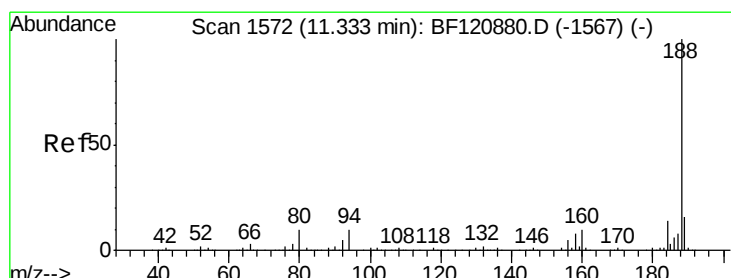
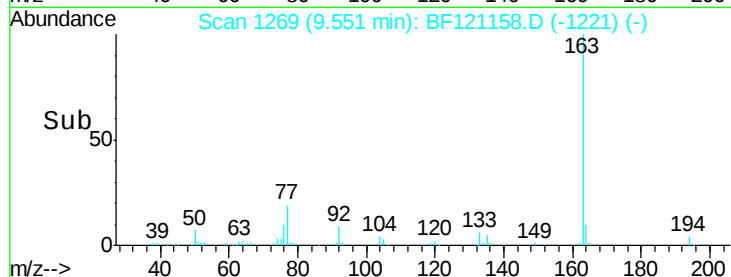
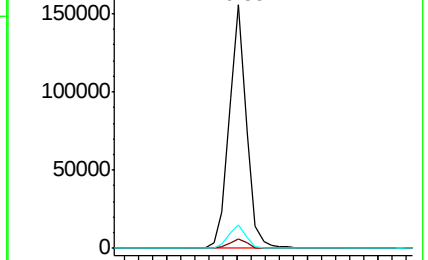
164 9.8 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

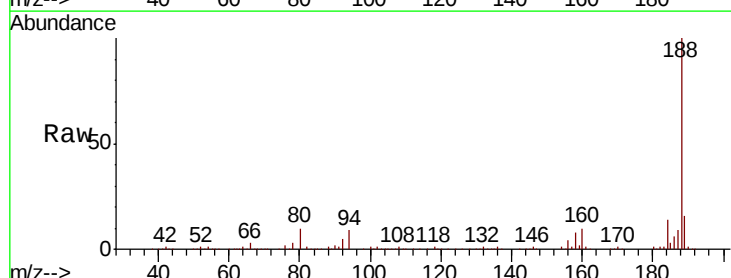
Tgt Ion:188 Resp: 483650

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

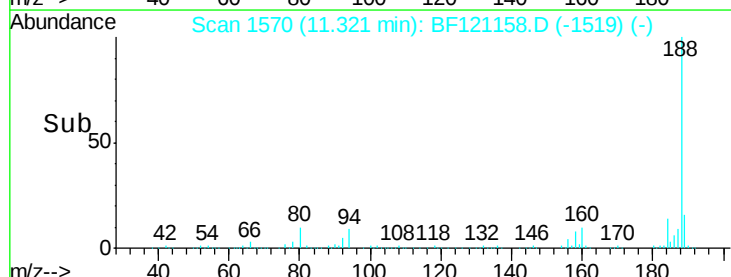
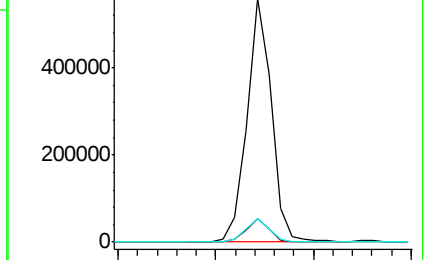
80 9.8 8.3 12.5

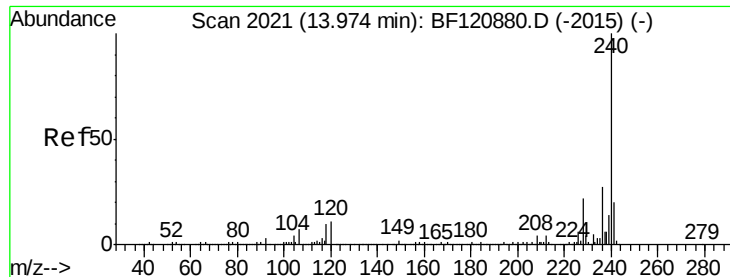


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

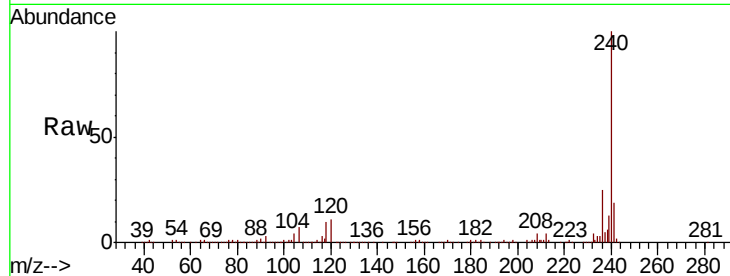
Tot Ion:240 Resp: 349555

Ion Ratio Lower Upper

240 100

120 11.2 9.3 13.9

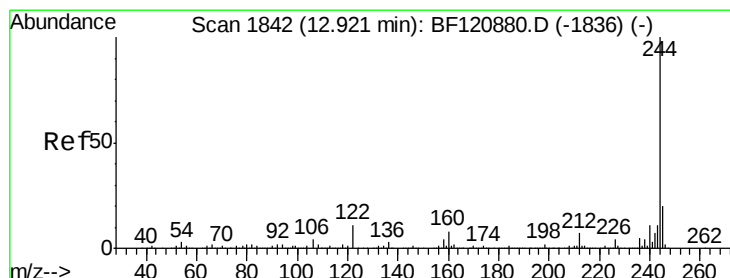
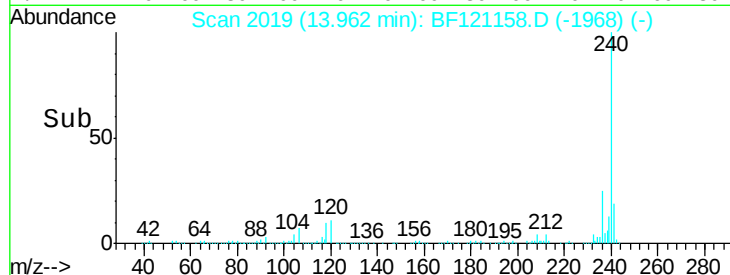
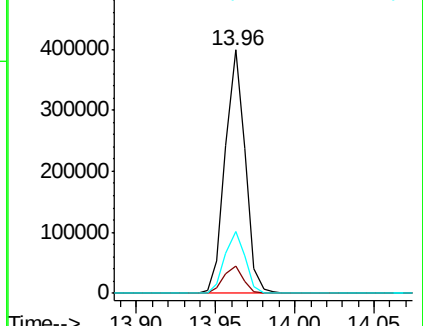
236 25.3 21.1 31.7



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: 78.823 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

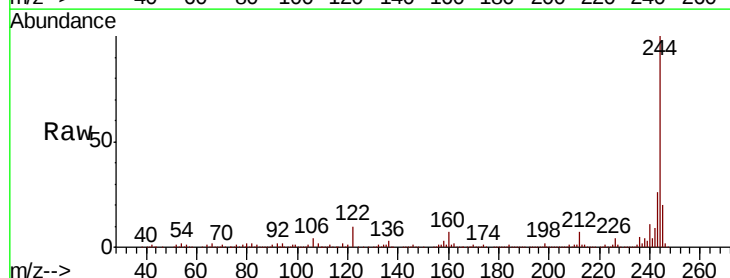
Tgt Ion:244 Resp: 1267513

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

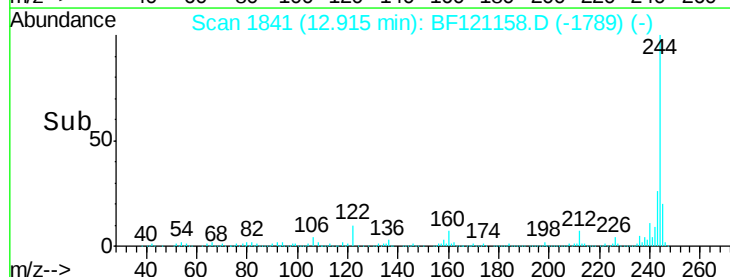
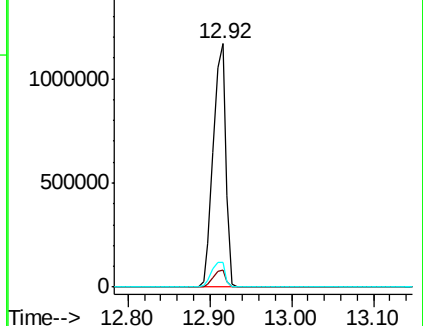
122 10.3 8.3 12.5

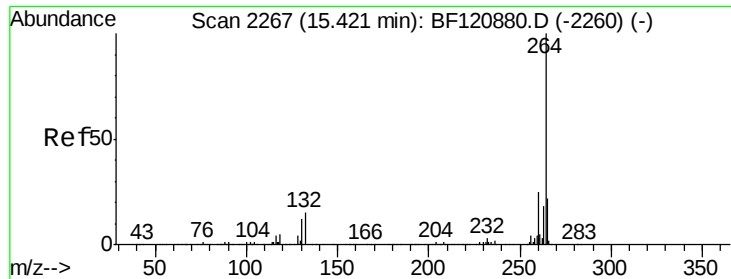


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

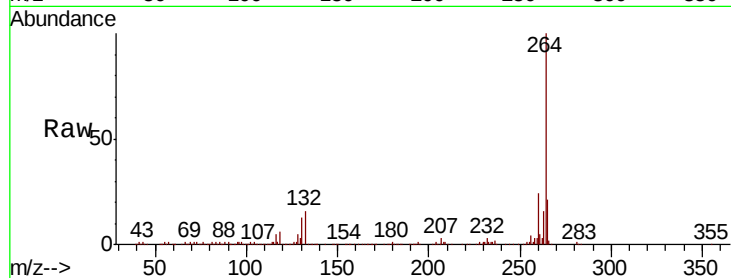




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121158.D
Acq: 31 Jul 2020 15:16

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.3	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

