

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121130.D
 Acq On : 30 Jul 2020 16:09
 Operator : JU/CG
 Sample : L3483-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20C023

Quant Time: Jul 30 17:27:39 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

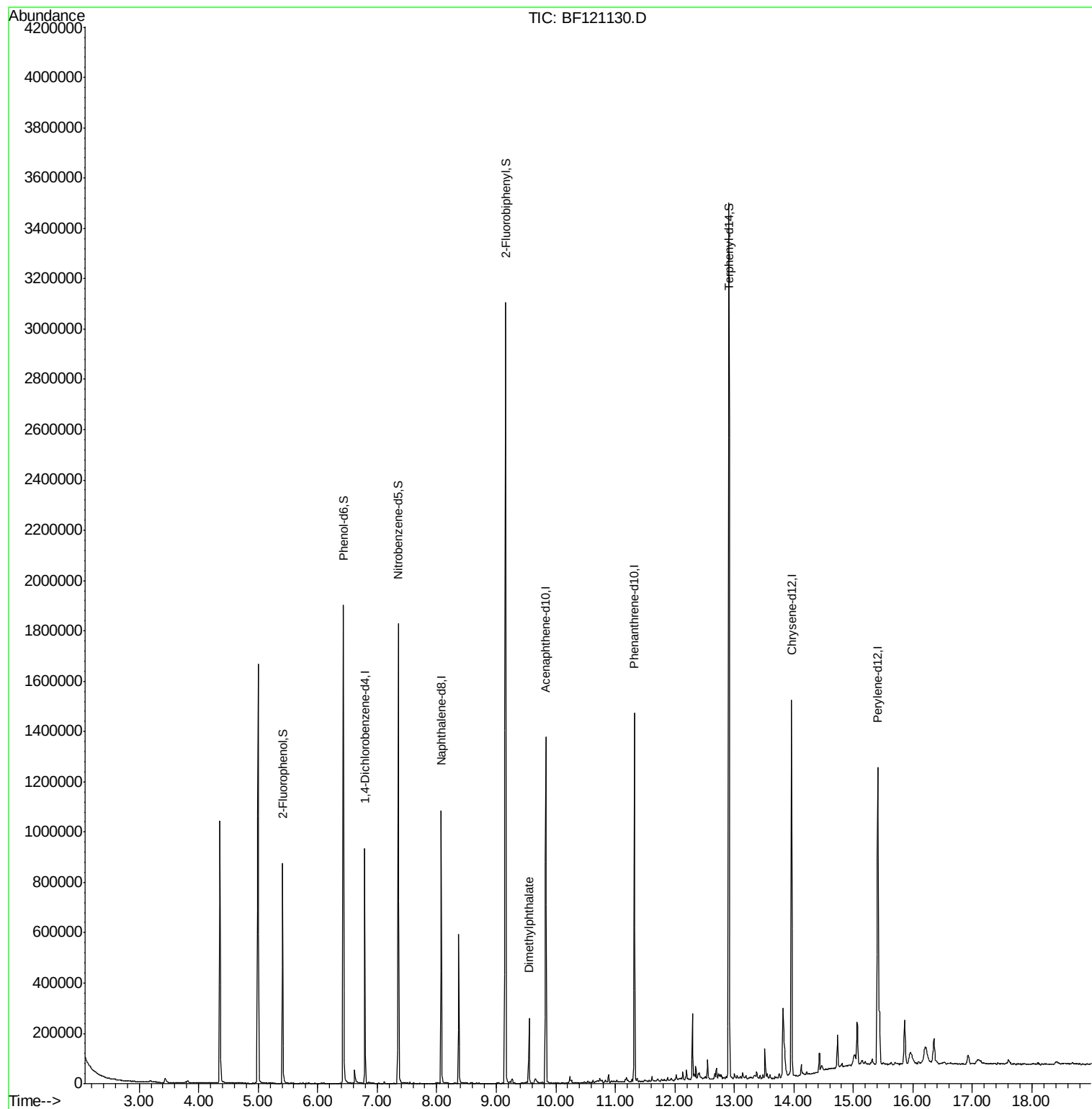
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132942	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	517291	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	275841	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	553126	20.00	ng	0.00
76) Chrysene-d12	13.96	240	517901	20.00	ng	0.00
86) Perylene-d12	15.41	264	537874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	241951	29.84	ng	0.00
7) Phenol-d6	6.43	99	737369	70.39	ng	-0.01
23) Nitrobenzene-d5	7.36	82	576520	64.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	2313	0.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1091871	59.10	ng	0.00
79) Terphenyl-d14	12.91	244	1228234	51.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	125682	6.316	ng	Qvalue 98

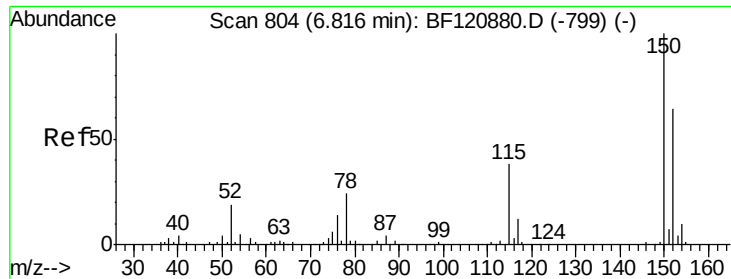
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF121130.D

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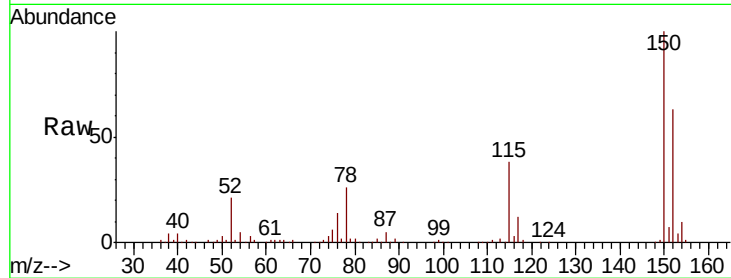
Tot Ion:152 Resp: 132942

Ion Ratio Lower Upper

152 100

150 158.3 125.6 188.4

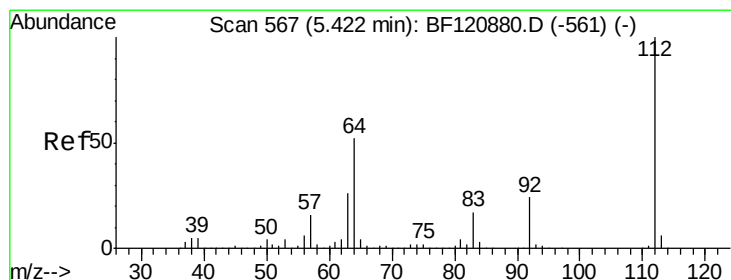
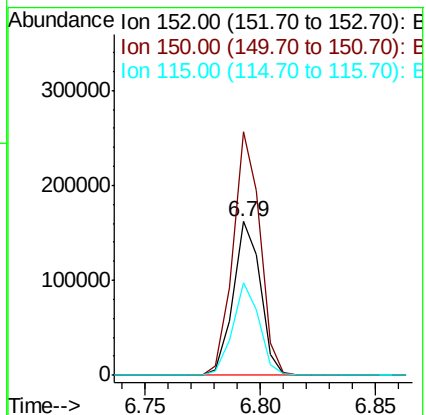
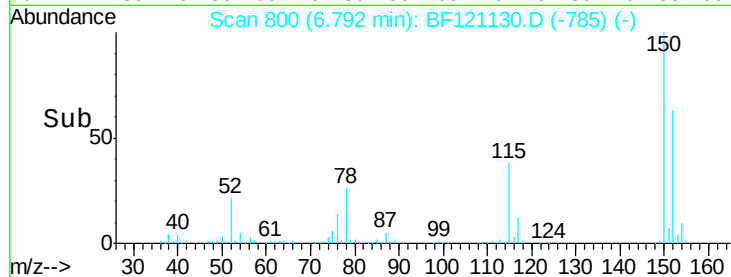
115 60.2 46.2 69.2



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: 29.836 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

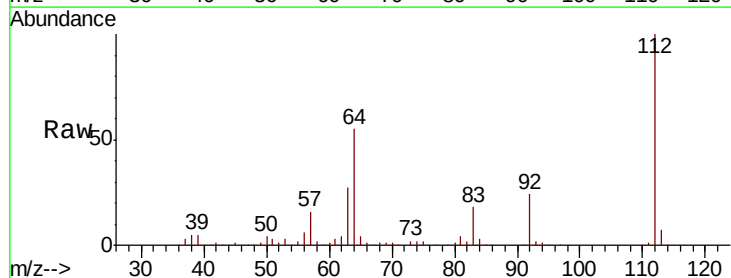
Tgt Ion:112 Resp: 241951

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

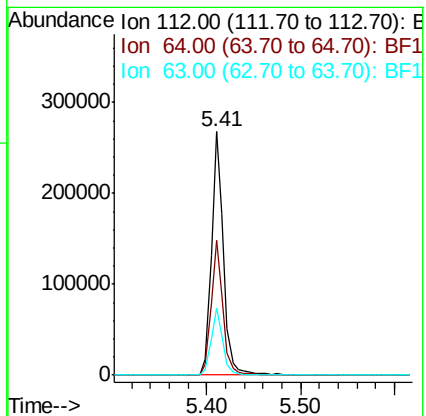
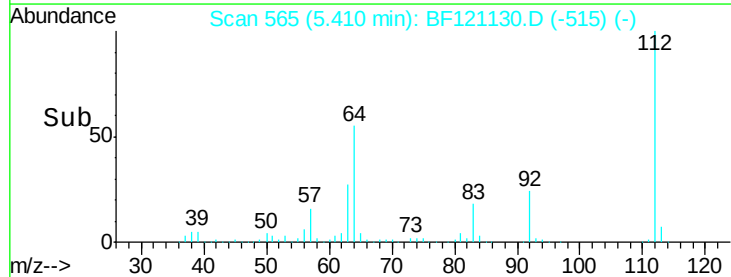
63 27.4 22.7 34.1

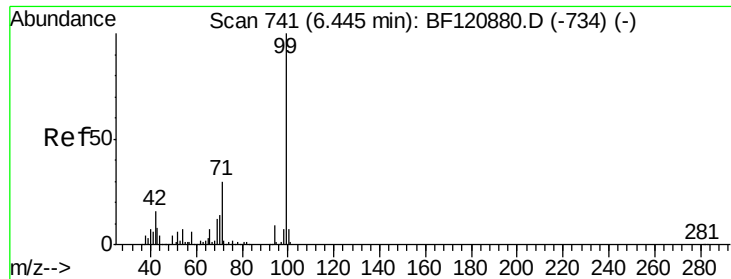


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.391 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

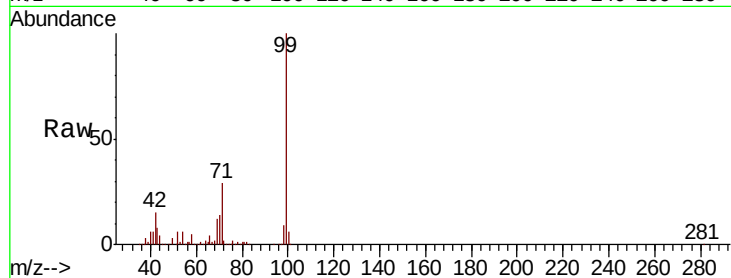
Tot Ion: 99 Resp: 737369

Ion Ratio Lower Upper

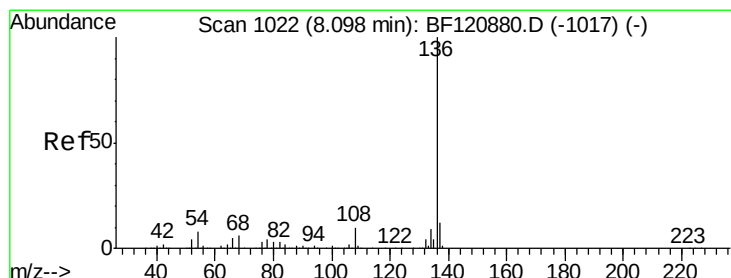
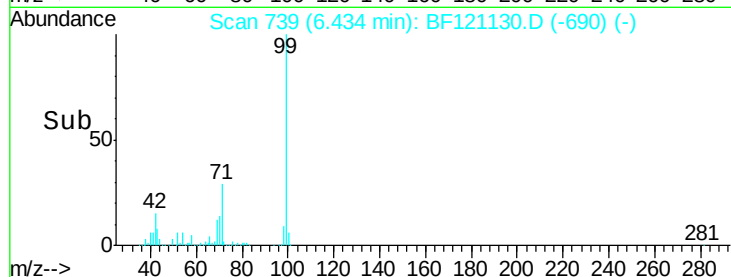
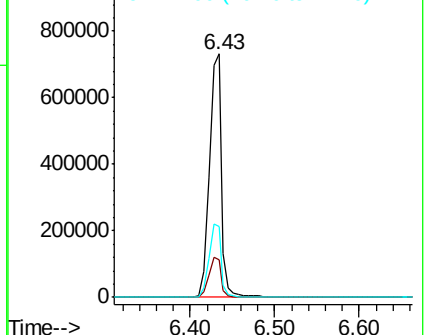
99 100

42 15.5 13.5 20.3

71 29.3 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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Tgt Ion: 136 Resp: 517291

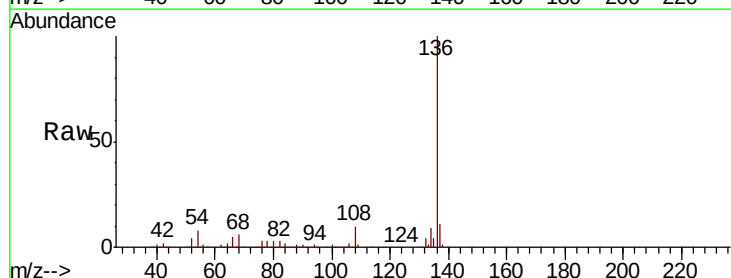
Ion Ratio Lower Upper

136 100

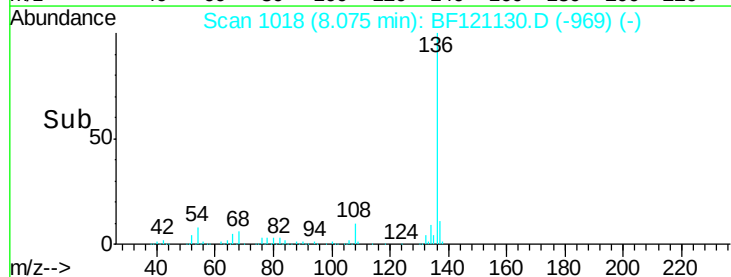
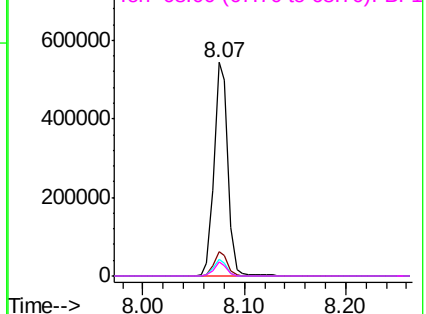
137 11.5 9.0 13.4

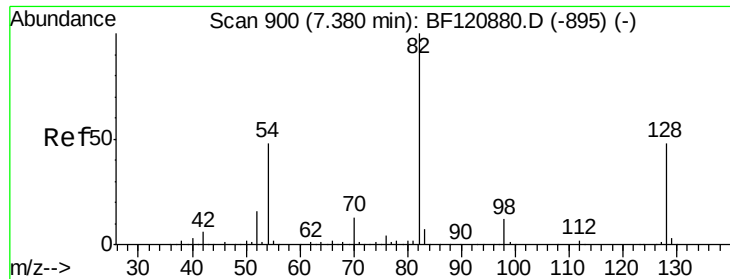
54 7.6 6.1 9.1

68 6.4 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

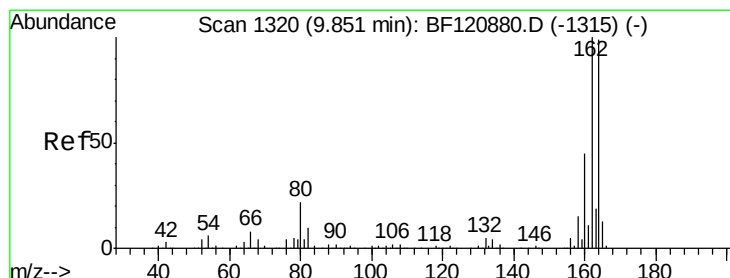
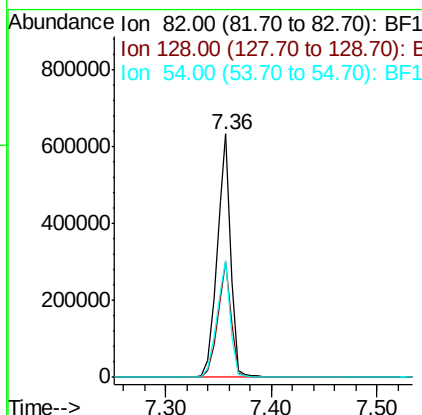
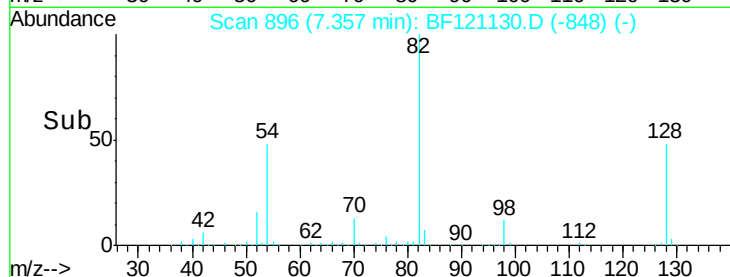
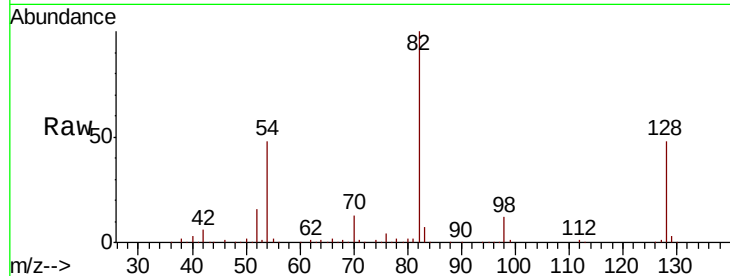




#23
Nitrobenzene-d5
Concen: 64.488 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121130.D
Acq: 30 Jul 2020 16:09

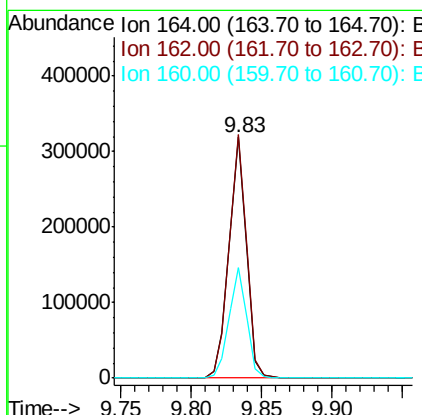
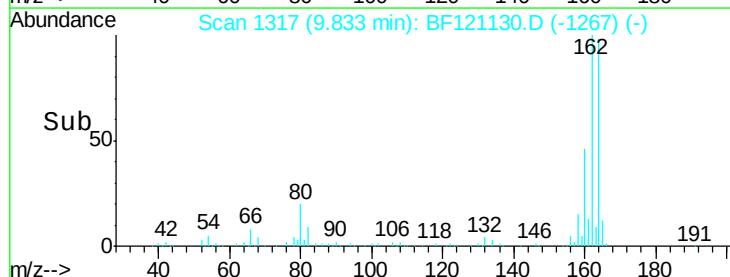
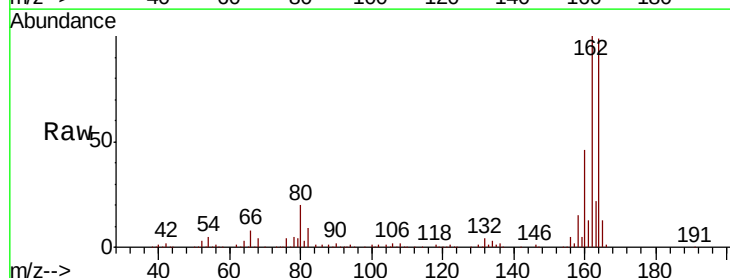
Instrument :
BNA_F
ClientSampleId :
20C023

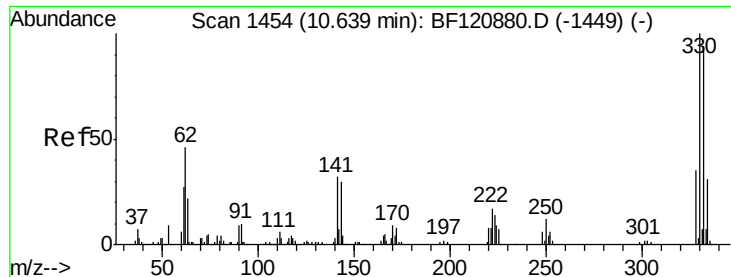
Tot Ion: 82 Resp: 576520
Ion Ratio Lower Upper
82 100
128 47.6 39.2 58.8
54 47.8 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121130.D
Acq: 30 Jul 2020 16:09

Tgt Ion: 164 Resp: 275841
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 46.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 0.766 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

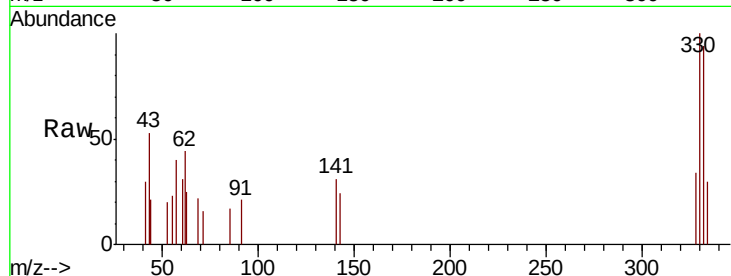
Tot Ion:330 Resp: 2313

Ion Ratio Lower Upper

330 100

332 92.1 76.1 114.1

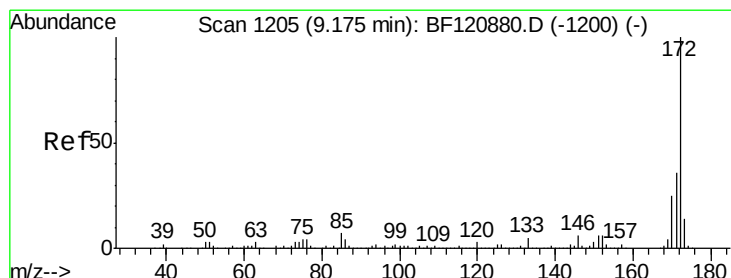
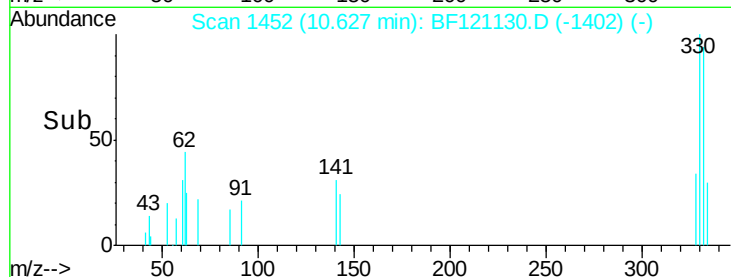
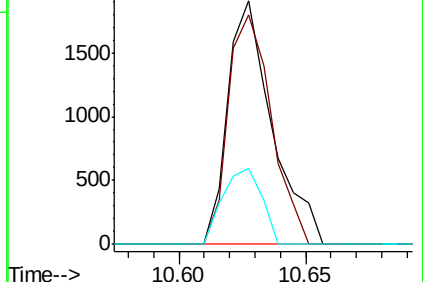
141 27.5 24.1 36.1



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: 59.100 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

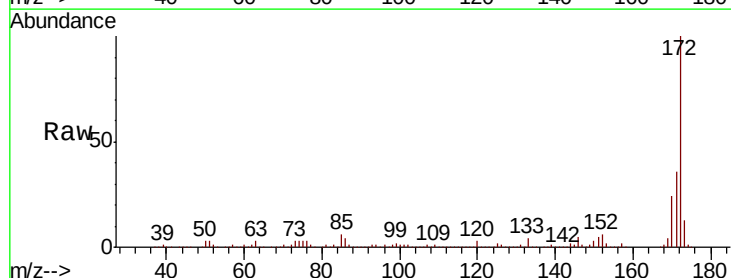
Tgt Ion:172 Resp: 1091871

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

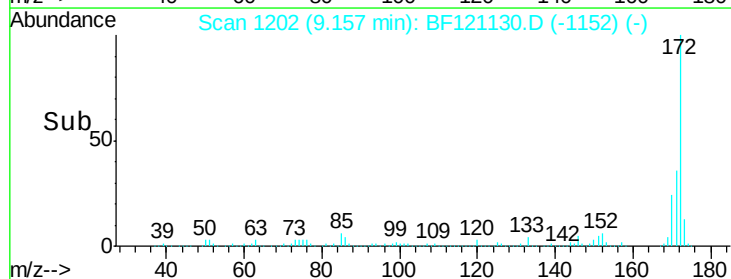
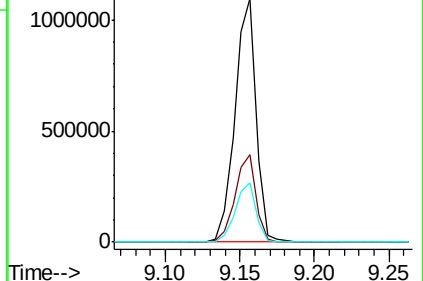
170 24.3 19.6 29.4

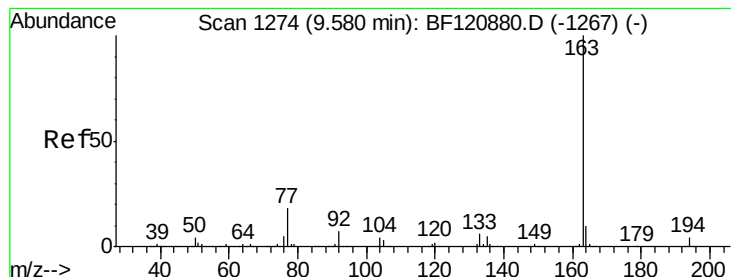


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.316 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

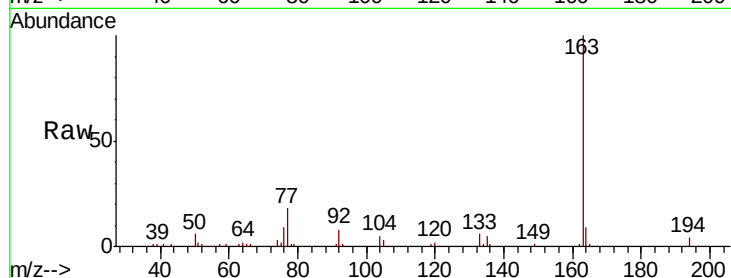
Tot Ion:163 Resp: 125682

Ion Ratio Lower Upper

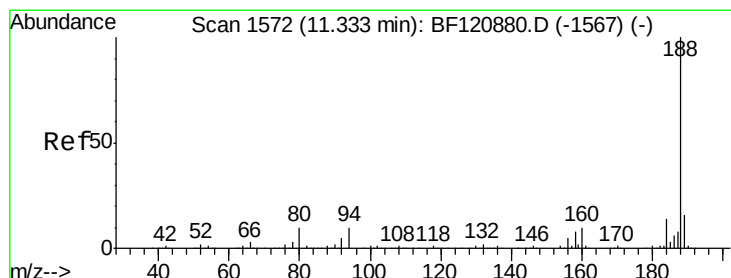
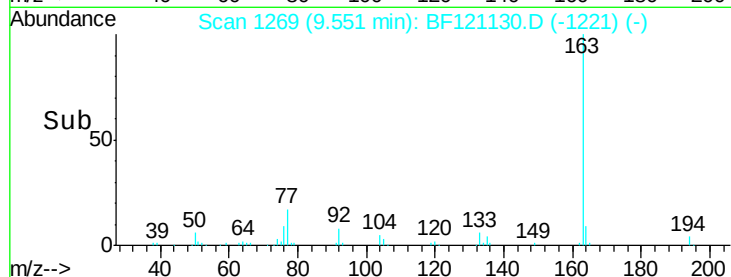
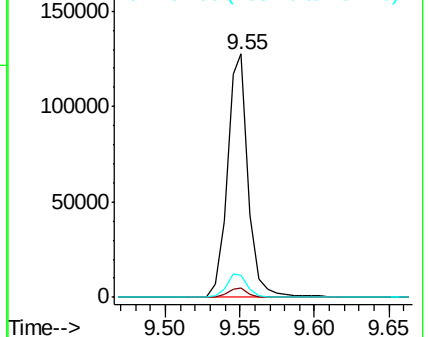
163 100

194 3.7 3.0 4.4

164 9.3 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: BF121130.D

Acq: 30 Jul 2020 16:09

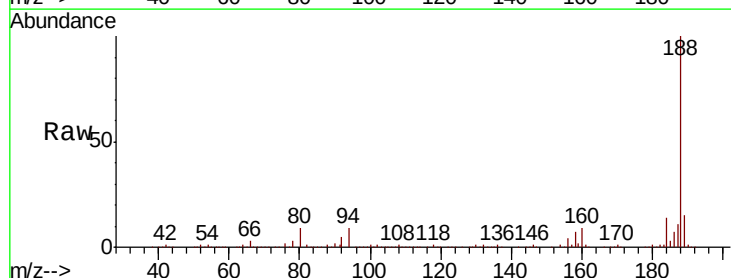
Tgt Ion:188 Resp: 553126

Ion Ratio Lower Upper

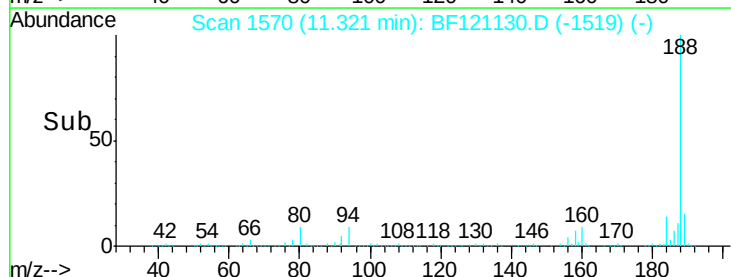
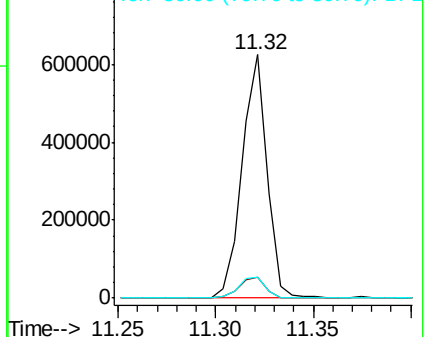
188 100

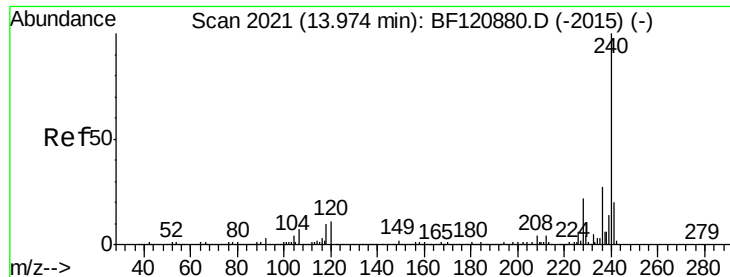
94 8.7 8.0 12.0

80 8.8 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

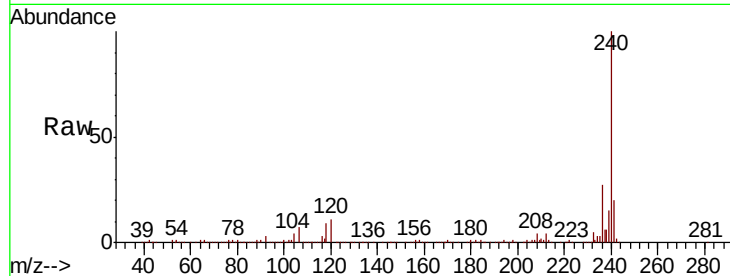




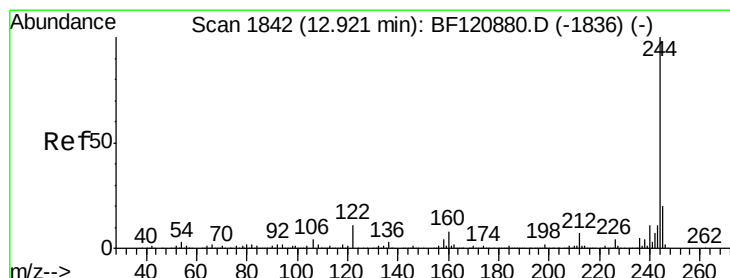
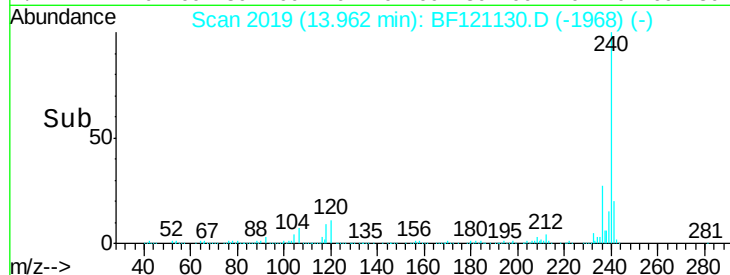
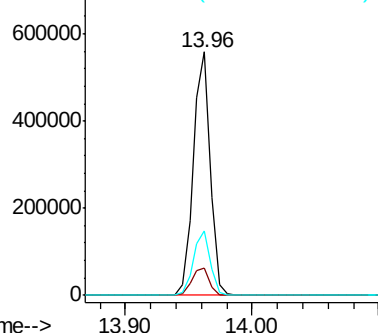
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121130.D
 Acq: 30 Jul 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 20C023

Tot Ion:240 Resp: 517901
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.3 13.9
 236 26.6 21.1 31.7

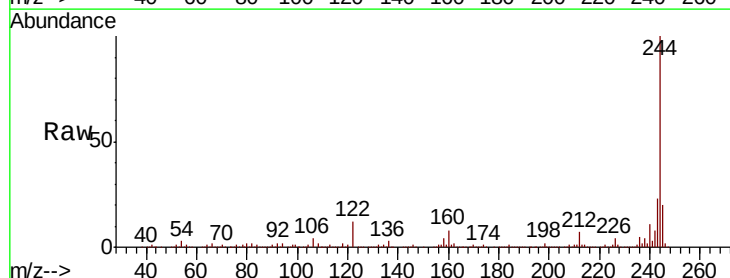


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

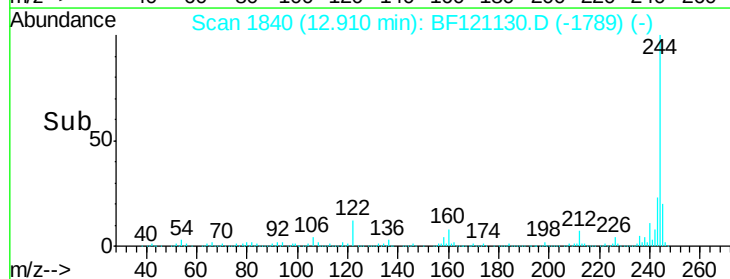
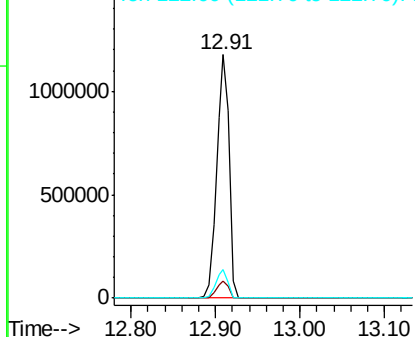


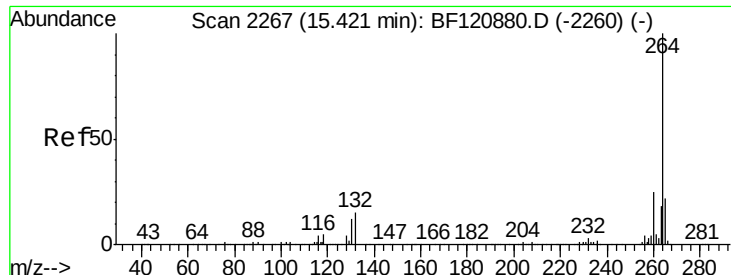
#79
 Terphenyl-d14
 Concen: 51.553 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121130.D
 Acq: 30 Jul 2020 16:09

Tgt Ion:244 Resp: 1228234
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.5 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

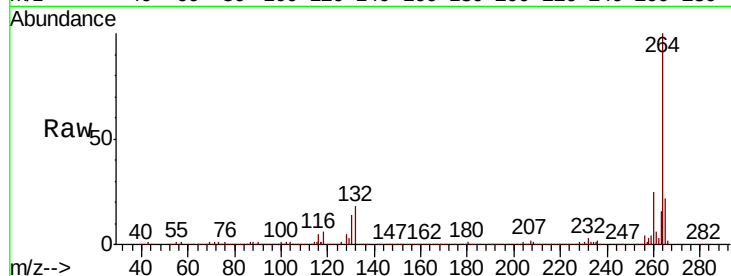




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121130.D
Acq: 30 Jul 2020 16:09

Instrument :
BNA_F
ClientSampleId :
20C023

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.9	29.9
265	21.9	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

