

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121813.D
 Acq On : 5 Oct 2020 12:11
 Operator : JU/CG
 Sample : L3865-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-093020

Quant Time: Oct 05 12:42:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	108624	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422773	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	222666	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	428866	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	396377	20.00	ng	-0.01
86) Perylene-d12	15.36	264	352440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	232734	31.84	ng	0.00
7) Phenol-d6	6.40	99	264223	27.55	ng	-0.01
23) Nitrobenzene-d5	7.33	82	328991	41.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	106581	38.51	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	616268	41.92	ng	-0.01
79) Terphenyl-d14	12.87	244	751353	38.40	ng	-0.01

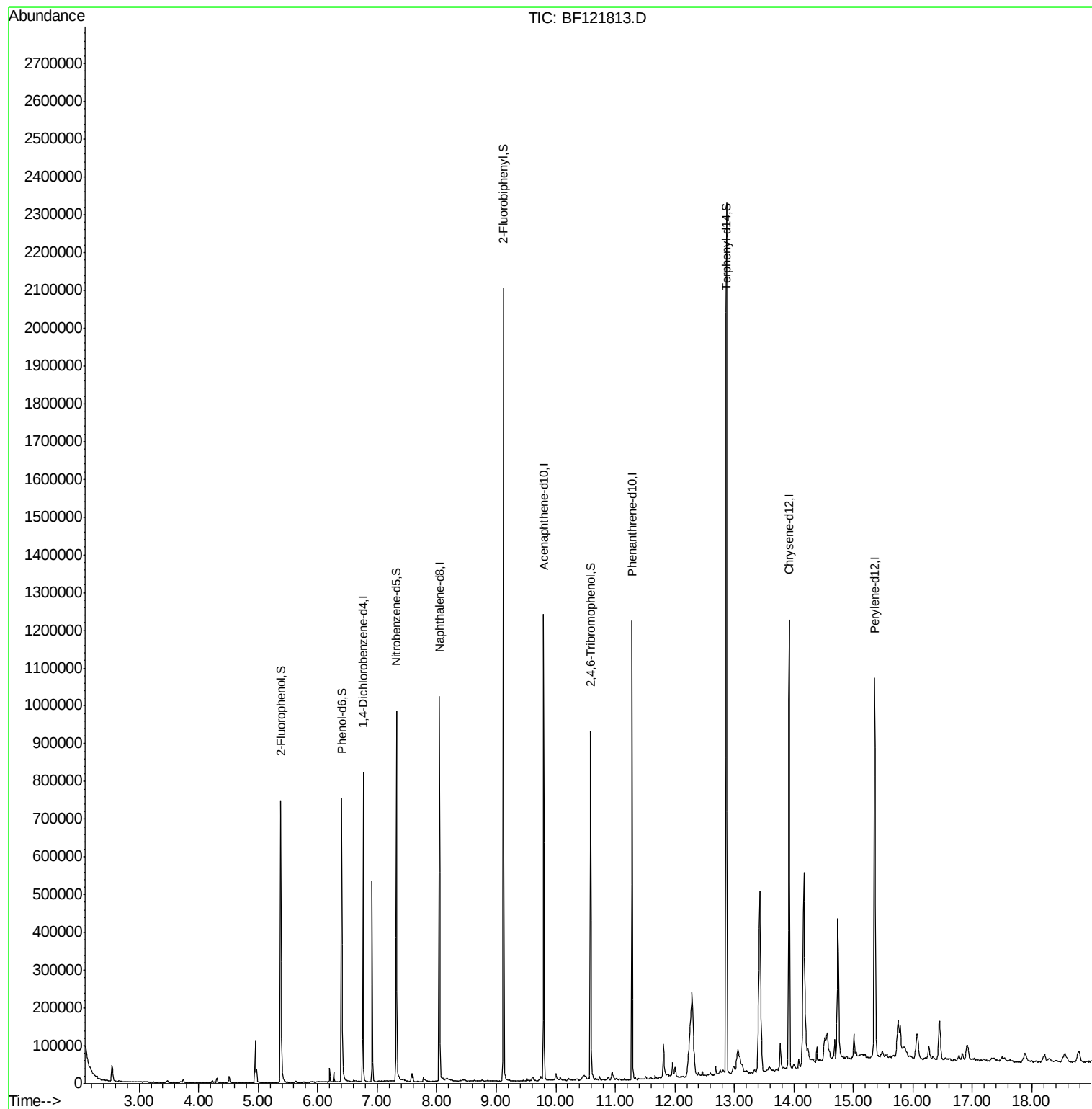
Target Compounds Qvalue

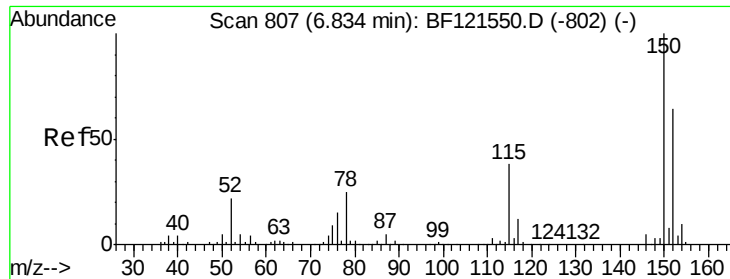
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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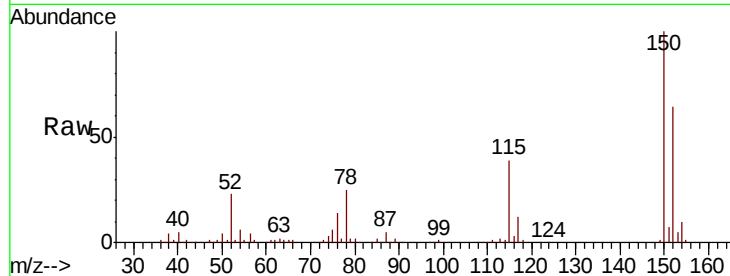


#1

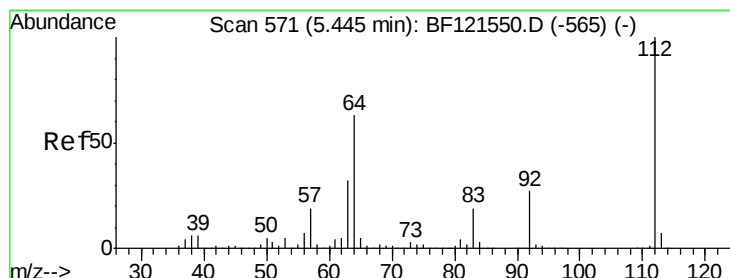
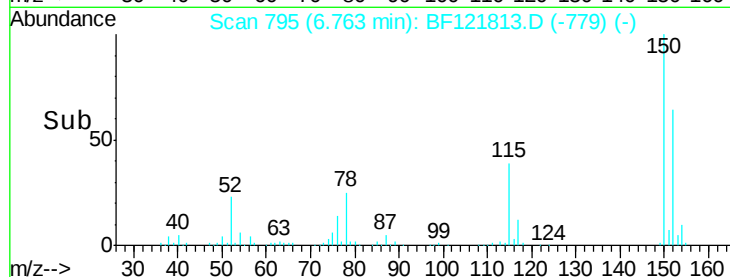
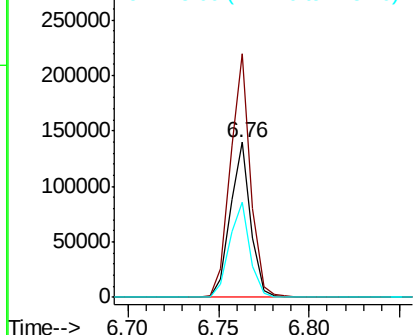
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Tot Ion:152 Resp: 108624
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.1 51.9 77.9



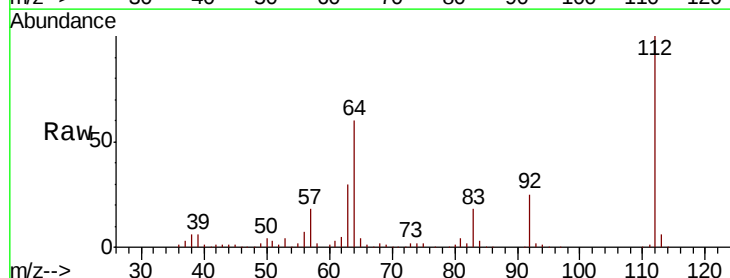
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



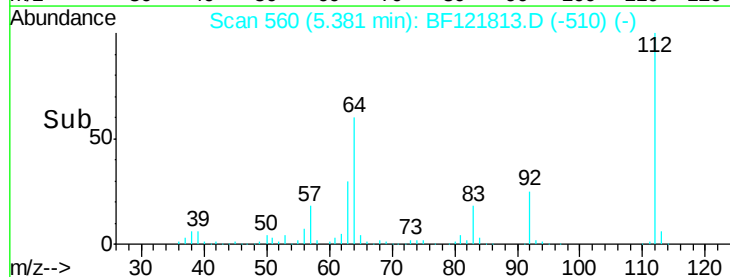
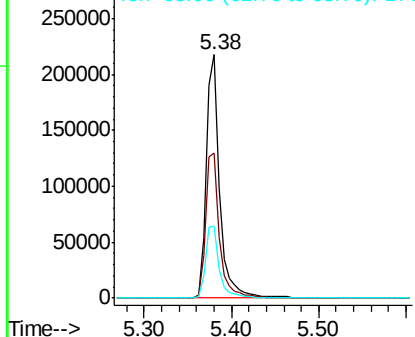
#5

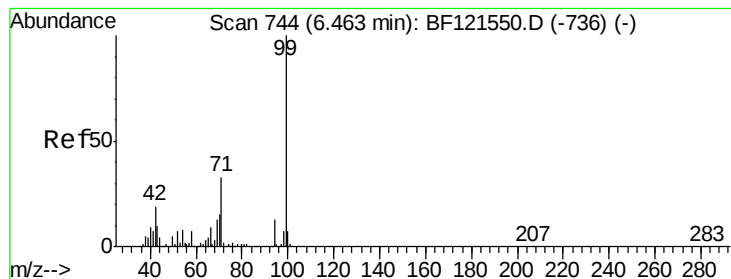
2-Fluorophenol
Concen: 31.841 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Tgt Ion:112 Resp: 232734
Ion Ratio Lower Upper
112 100
64 59.7 50.4 75.6
63 29.5 25.8 38.6



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: 27.554 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

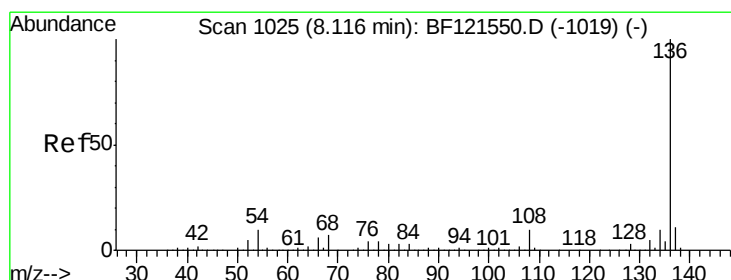
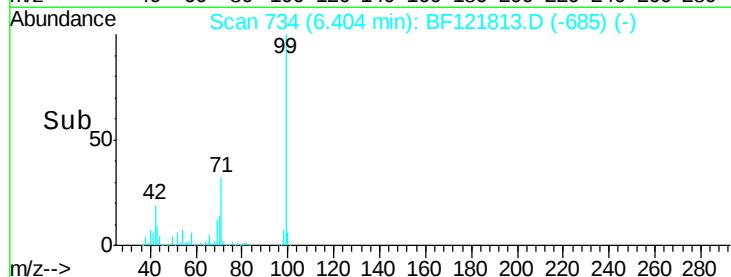
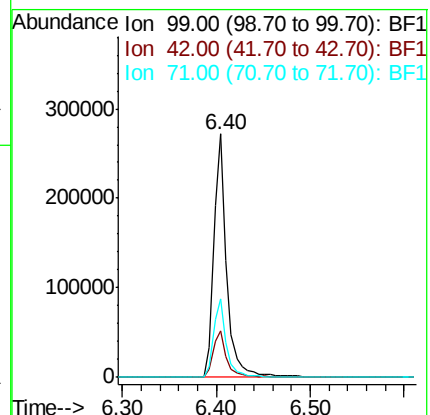
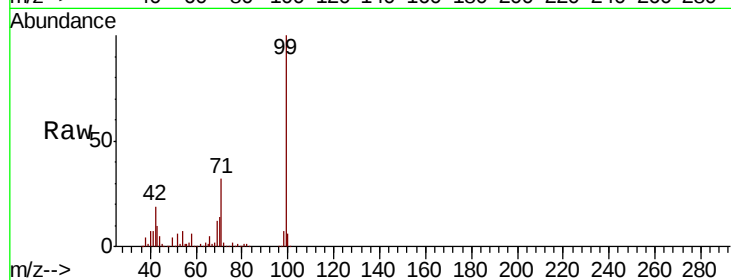
Tot Ion: 99 Resp: 264223

Ion Ratio Lower Upper

99 100

42 19.2 15.9 23.9

71 32.1 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Tgt Ion: 136 Resp: 422773

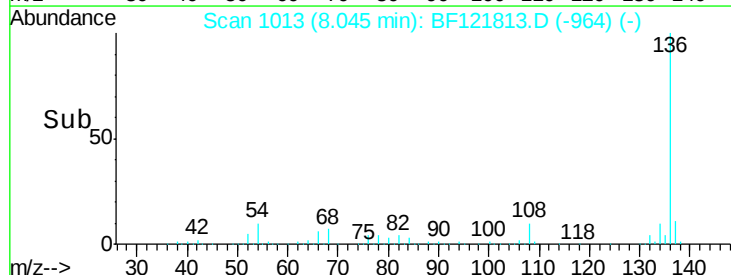
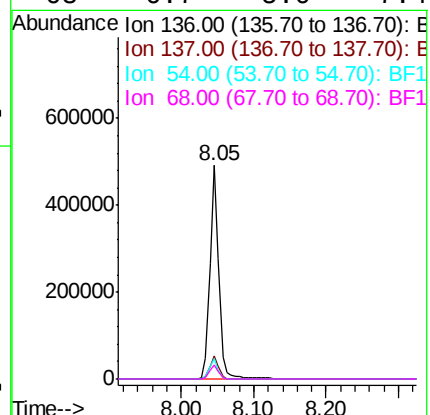
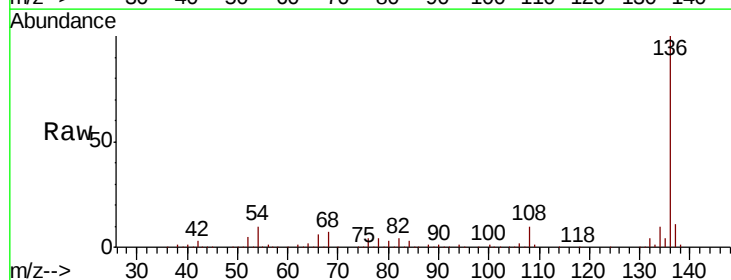
Ion Ratio Lower Upper

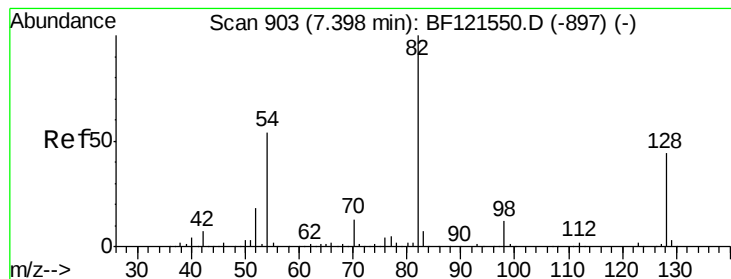
136 100

137 11.0 8.6 13.0

54 9.6 7.1 10.7

68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 41.782 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

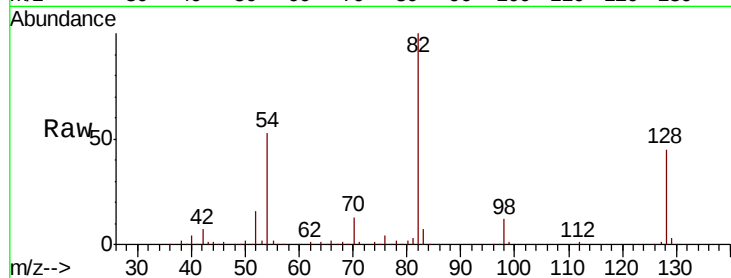
Tot Ion: 82 Resp: 328991

Ion Ratio Lower Upper

82 100

128 45.4 35.0 52.4

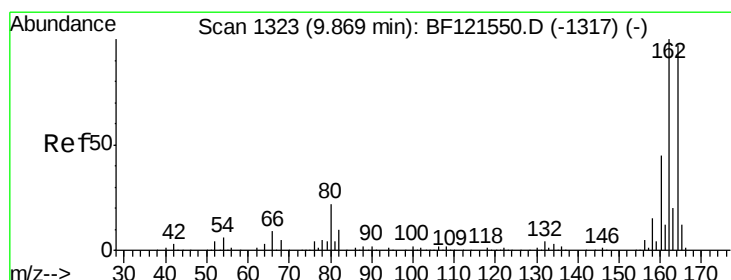
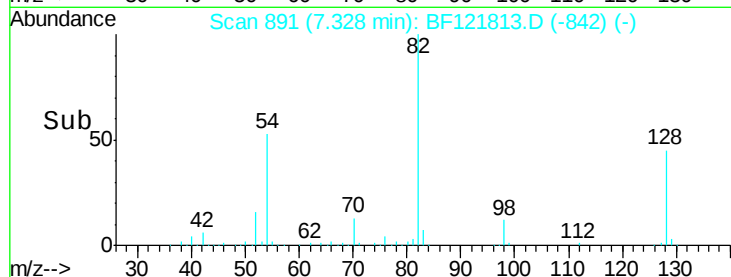
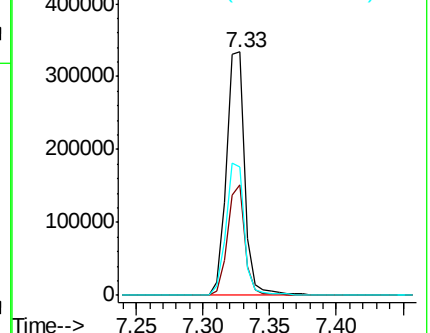
54 52.7 43.9 65.9



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

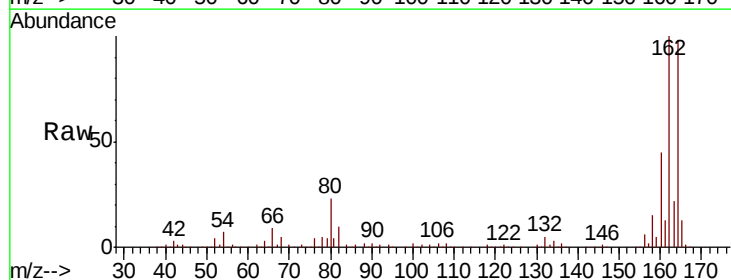
Tgt Ion: 164 Resp: 222666

Ion Ratio Lower Upper

164 100

162 101.6 83.2 124.8

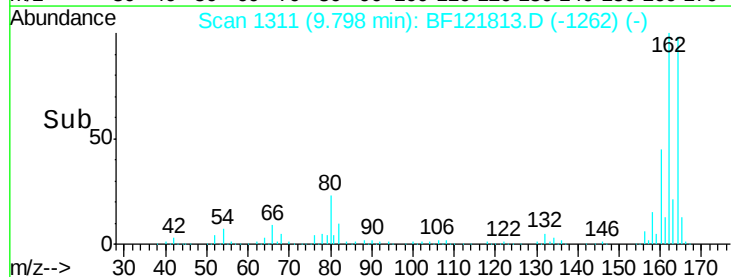
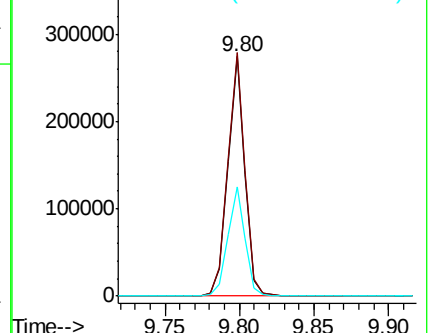
160 45.8 37.5 56.3

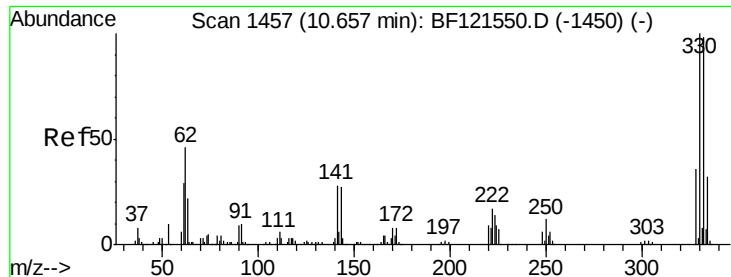


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

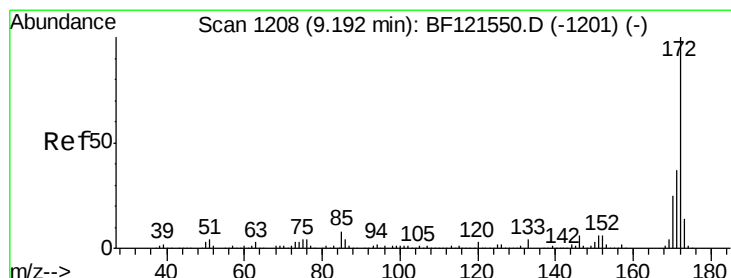
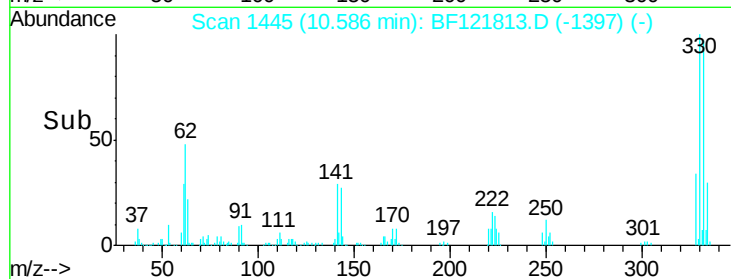
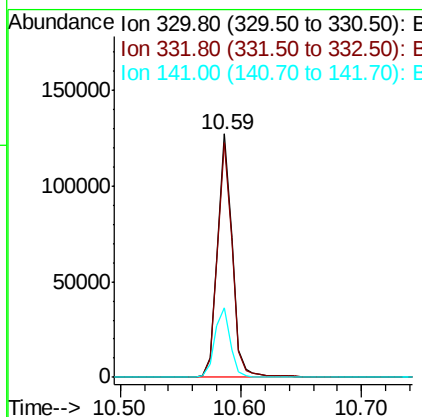
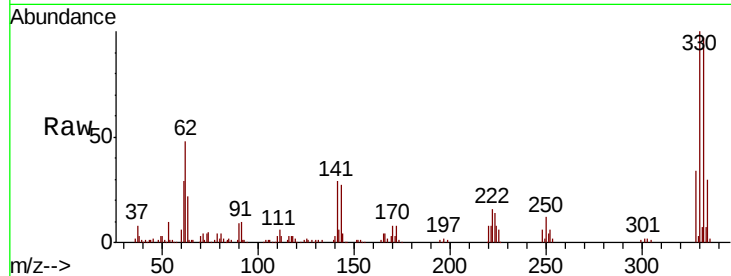




#42
 2,4,6-Tribromophenol
 Concen: 38.512 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

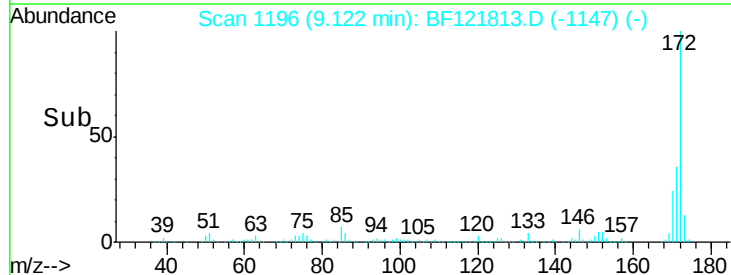
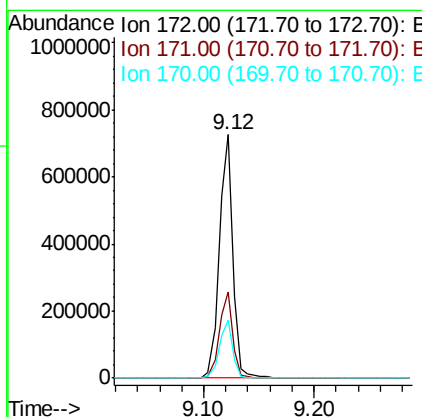
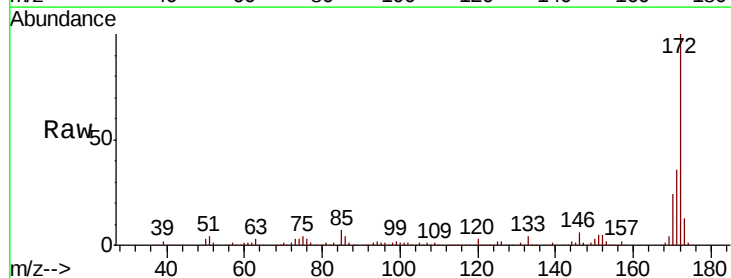
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-093020

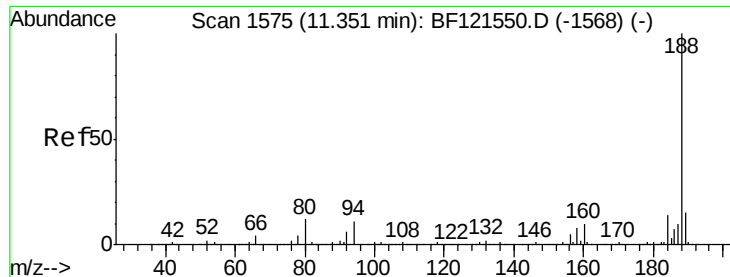
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	30.1	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 41.917 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	24.0	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

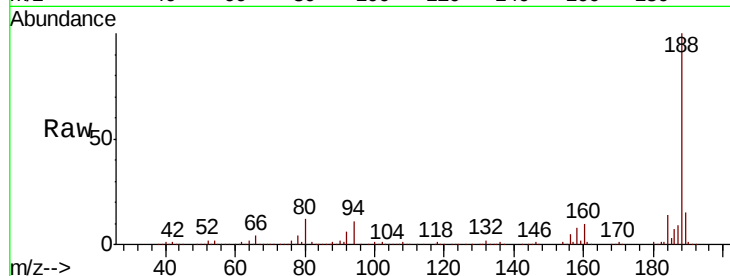
Tot Ion:188 Resp: 428866

Ion Ratio Lower Upper

188 100

94 11.3 8.3 12.5

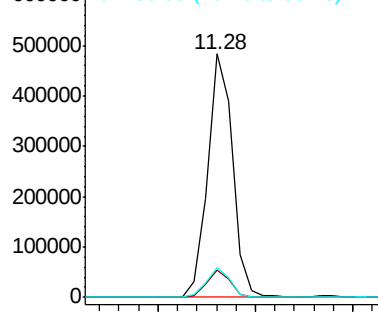
80 12.4 9.1 13.7



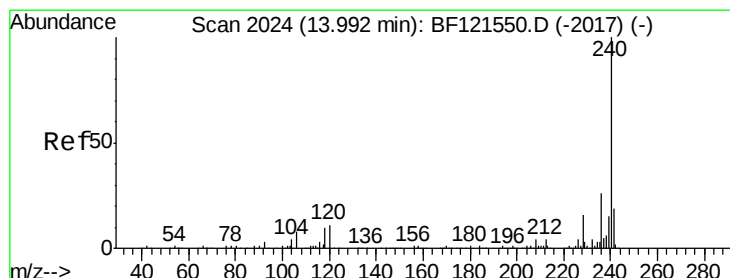
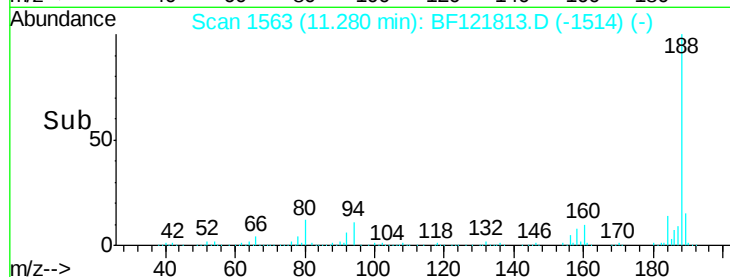
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

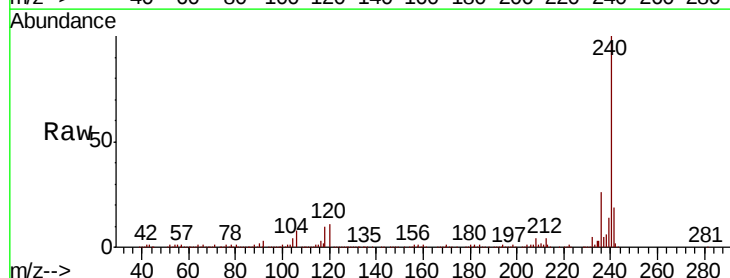
Tgt Ion:240 Resp: 396377

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

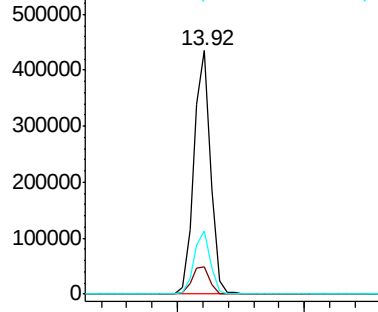
236 25.8 20.9 31.3



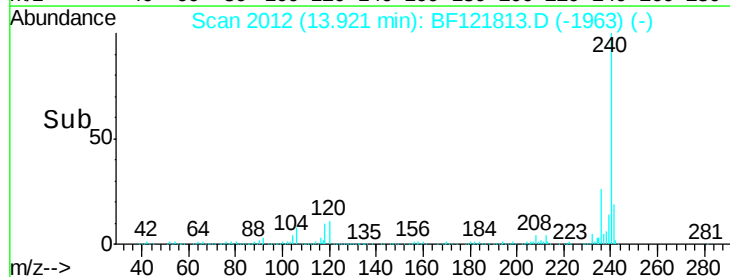
Abundance Ion 240.00 (239.70 to 240.70): E

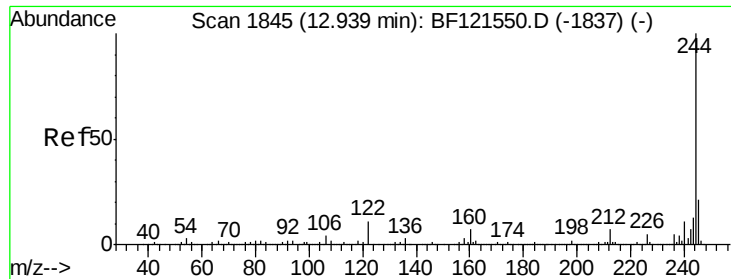
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 38.402 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

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ClientSampleId :

NB-07-093020

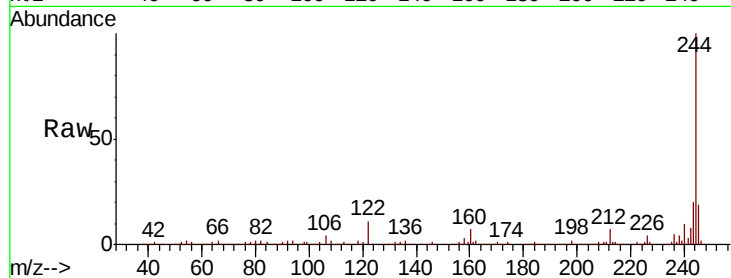
Tot Ion:244 Resp: 751353

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

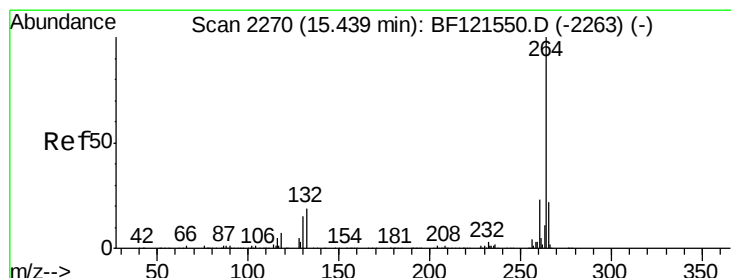
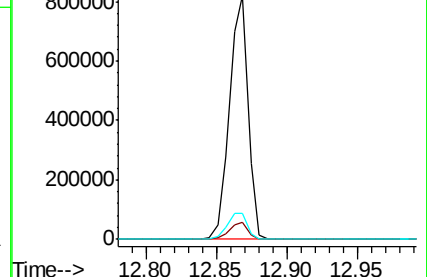
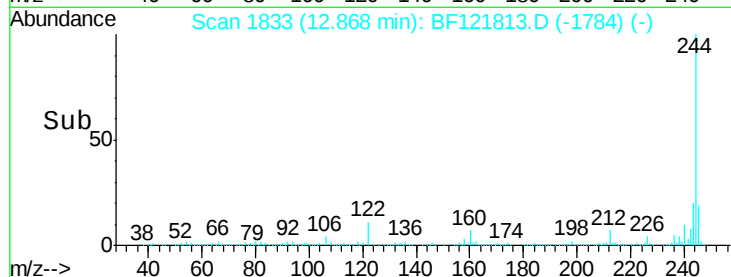
122 10.6 8.1 12.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

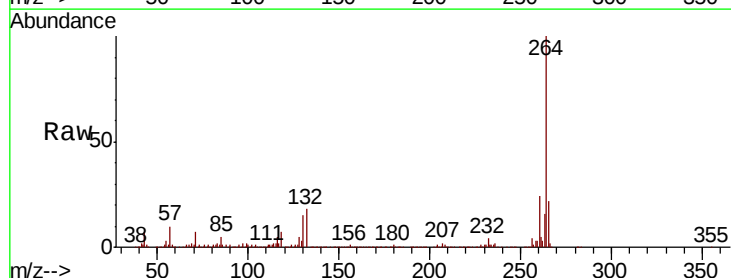
Tgt Ion:264 Resp: 352440

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 17.3 25.9



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

