

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120728.D
 Acq On : 29 Jun 2020 15:31
 Operator : JU/CG
 Sample : L3144-02 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37849

Quant Time: Jun 29 16:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115904	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	525219	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	138164	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	249587	20.00	ng	0.00
76) Chrysene-d12	13.95	240	487312	20.00	ng	0.00
86) Perylene-d12	15.39	264	230838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	3999	0.59	ng	0.00
7) Phenol-d6	6.43	99	5253	0.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	3747	0.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	856	0.53	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	8246	0.91	ng	0.00
79) Terphenyl-d14	12.89	244	25635	1.16	ng	0.00

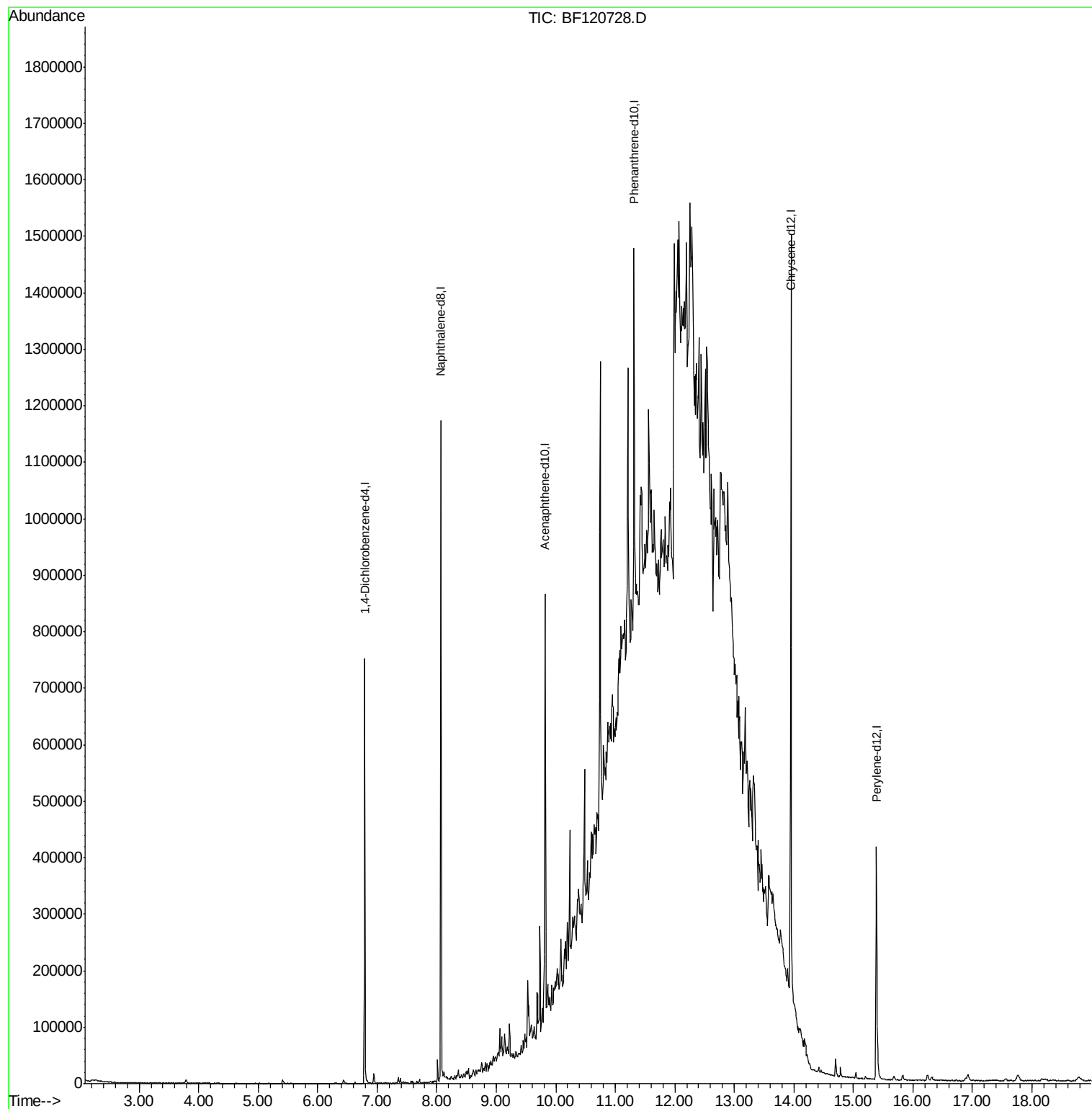
Target Compounds	Qvalue
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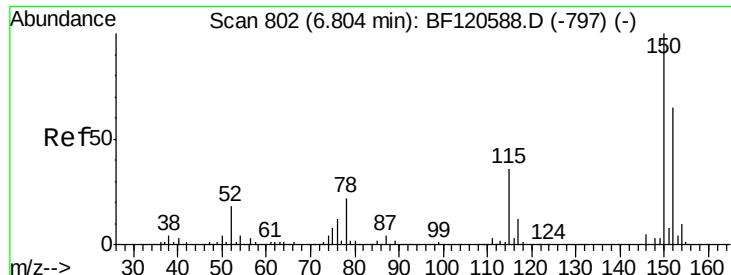
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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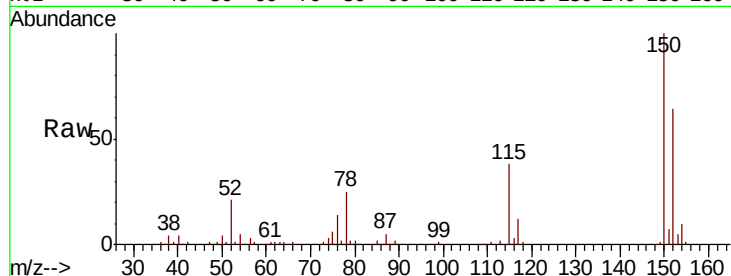


#1

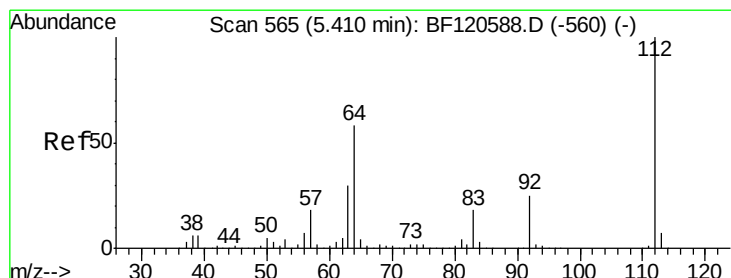
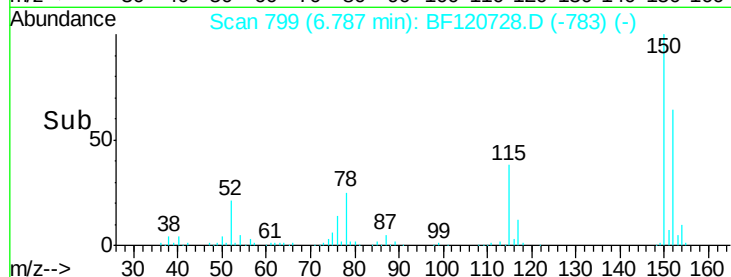
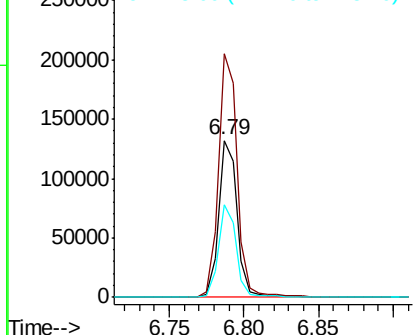
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120728.D
Acq: 29 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
37849

Tot Ion:152 Resp: 115904
Ion Ratio Lower Upper
152 100
150 155.3 124.6 187.0
115 59.4 44.2 66.4



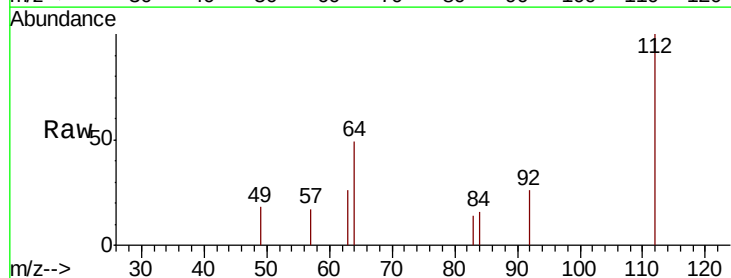
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



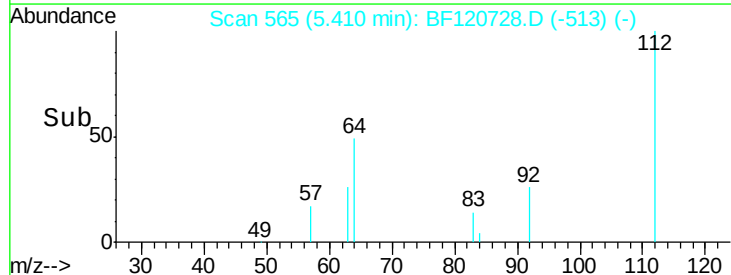
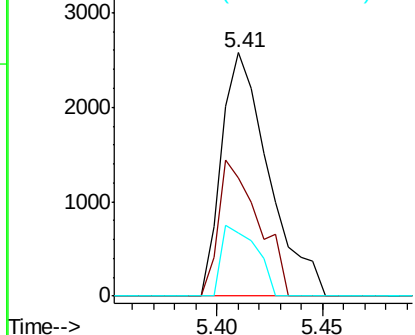
#5

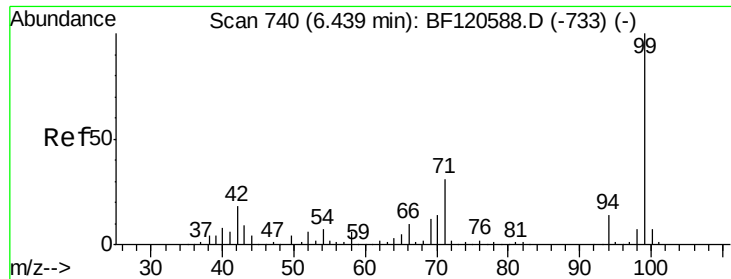
2-Fluorophenol
Concen: 0.592 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF120728.D
Acq: 29 Jun 2020 15:31

Tgt Ion:112 Resp: 3999
Ion Ratio Lower Upper
112 100
64 48.7 42.2 63.2
63 25.8 21.7 32.5



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: 0.624 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

37849

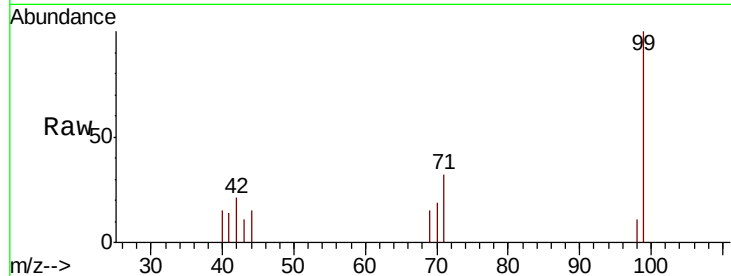
Tot Ion: 99 Resp: 5253

Ion Ratio Lower Upper

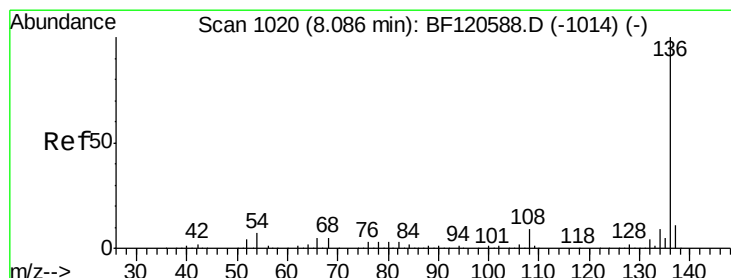
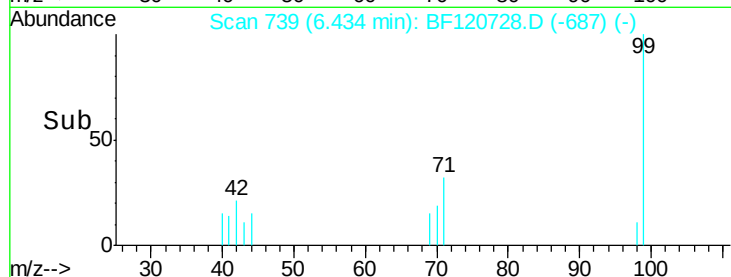
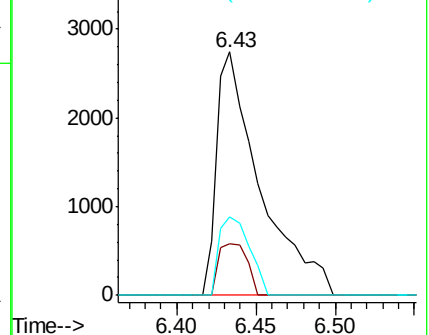
99 100

42 21.1 14.2 21.4

71 32.4 25.4 38.2



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# 1017

Delta R.T. -0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Tgt Ion: 136 Resp: 525219

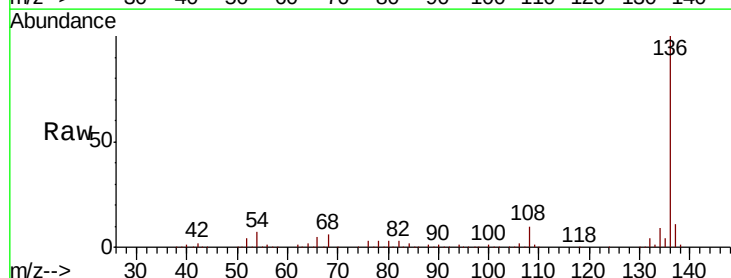
Ion Ratio Lower Upper

136 100

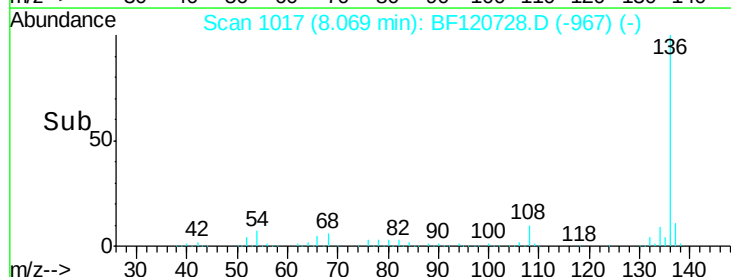
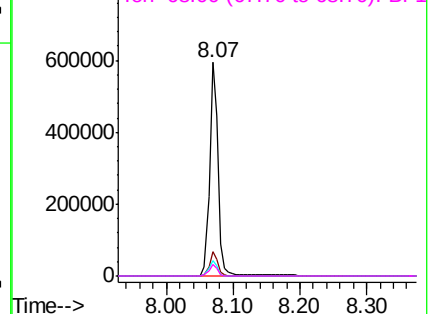
137 11.3 8.6 12.8

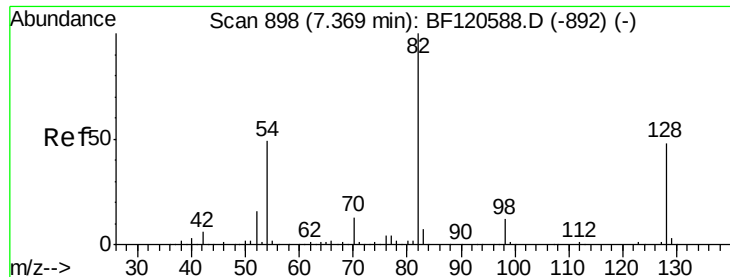
54 7.5 5.3 7.9

68 5.7 4.3 6.5



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

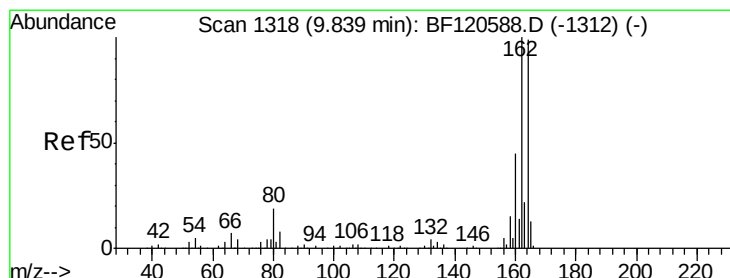
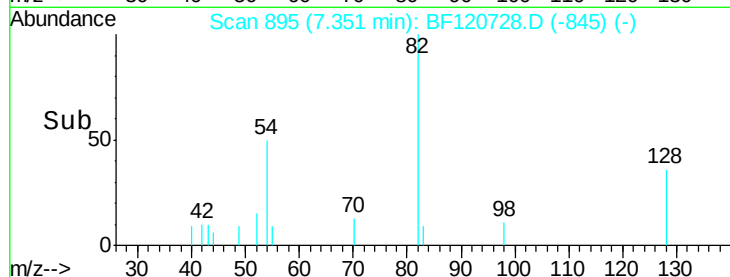
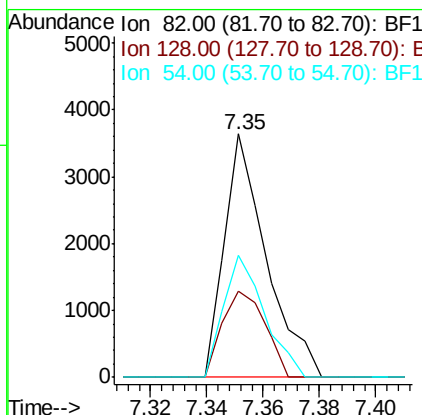
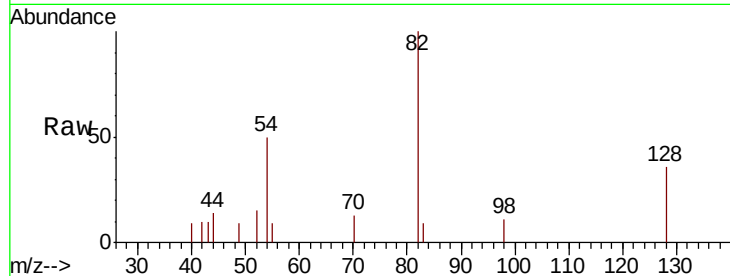




#23
 Nitrobenzene-d5
 Concen: 0.399 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF120728.D
 Acq: 29 Jun 2020 15:31

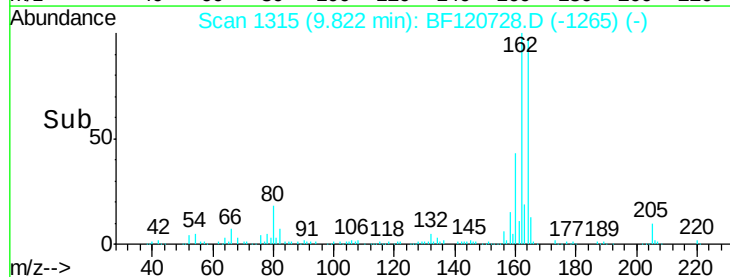
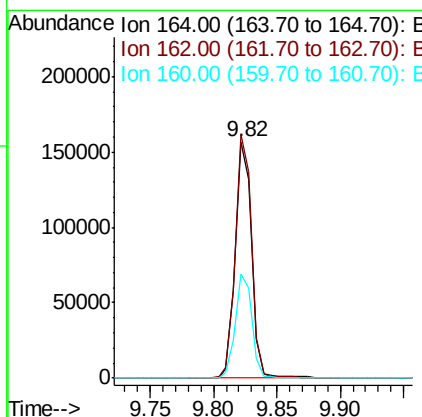
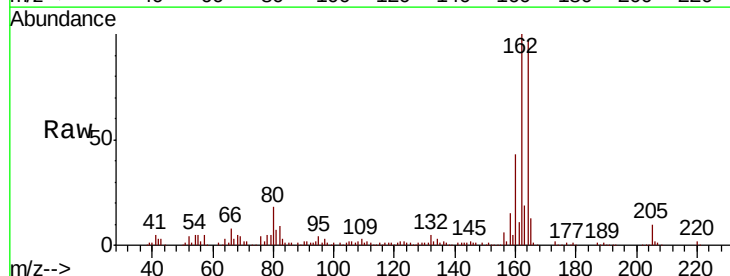
Instrument :
 BNA_F
 ClientSampled :
 37849

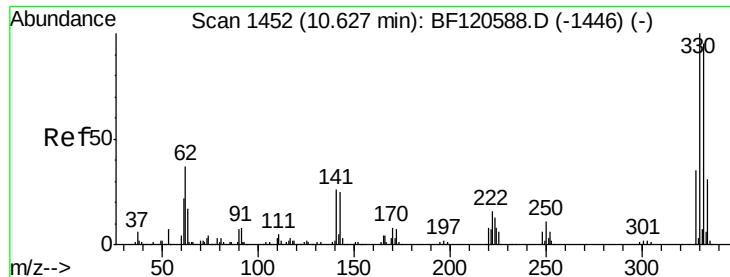
Tot Ion: 82 Resp: 3747
 Ion Ratio Lower Upper
 82 100
 128 35.5 38.1 57.1#
 54 50.2 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF120728.D
 Acq: 29 Jun 2020 15:31

Tgt Ion: 164 Resp: 138164
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.0
 160 44.3 36.6 55.0

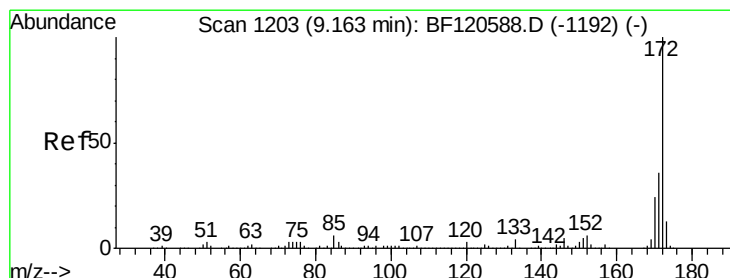
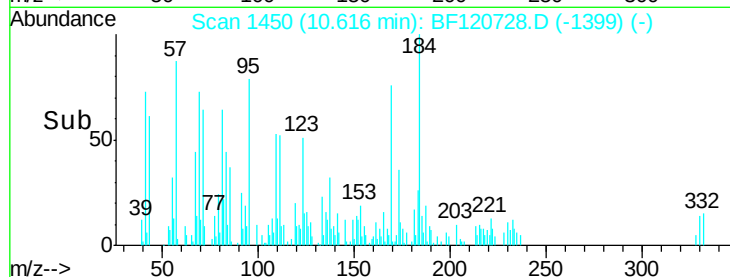
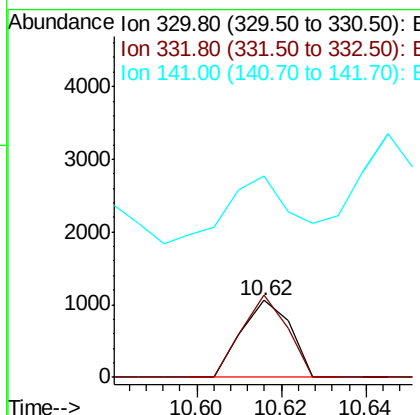
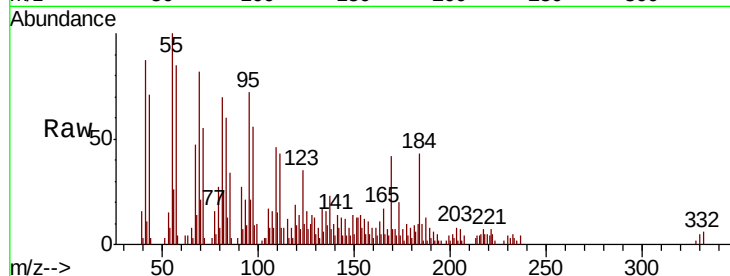




#42
 2,4,6-Tribromophenol
 Concen: 0.533 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF120728.D
 Acq: 29 Jun 2020 15:31

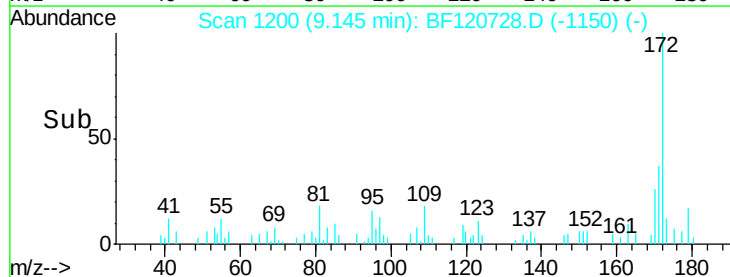
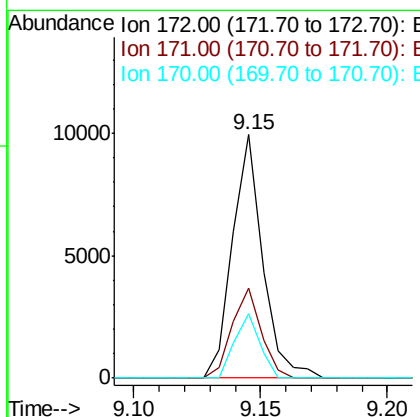
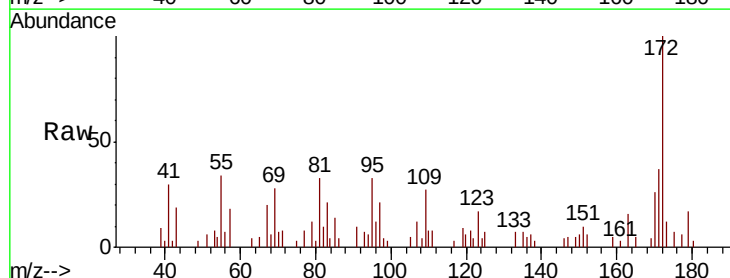
Instrument :
 BNA_F
 ClientSampled :
 37849

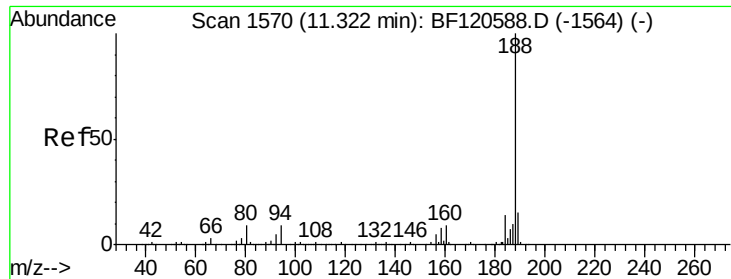
Tot Ion:330 Resp: 856
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.4 114.6
 141 113.4 23.0 34.6#



#45
 2-Fluorobiphenyl
 Concen: 0.913 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120728.D
 Acq: 29 Jun 2020 15:31

Tgt Ion:172 Resp: 8246
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 26.3 19.1 28.7

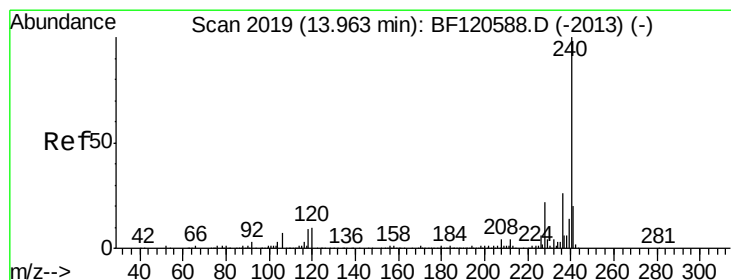
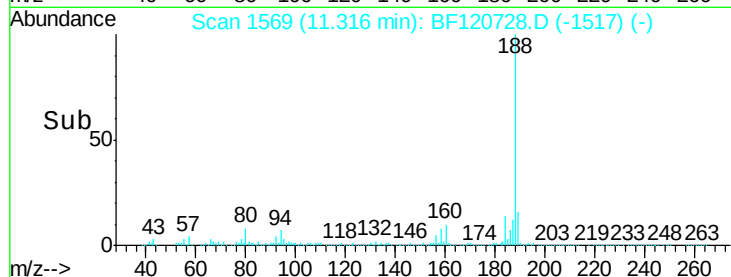
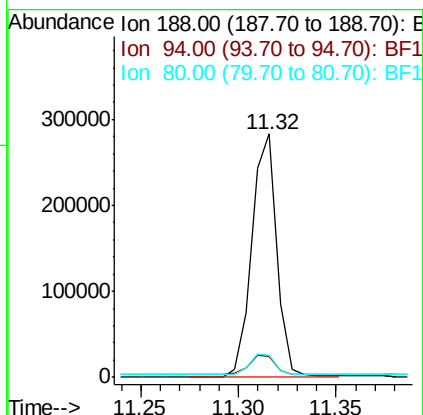
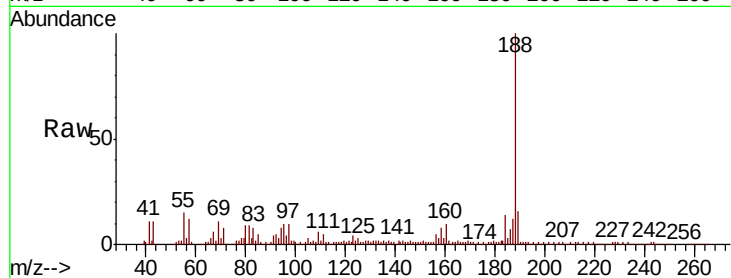




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF120728.D
Acq: 29 Jun 2020 15:31

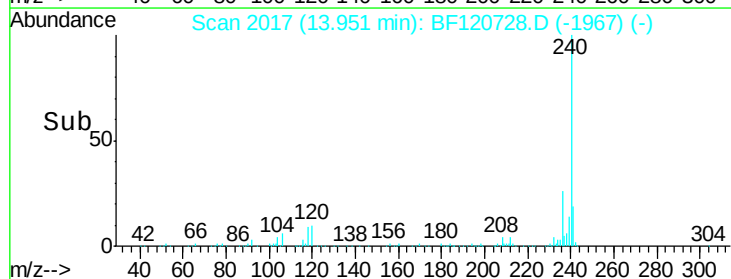
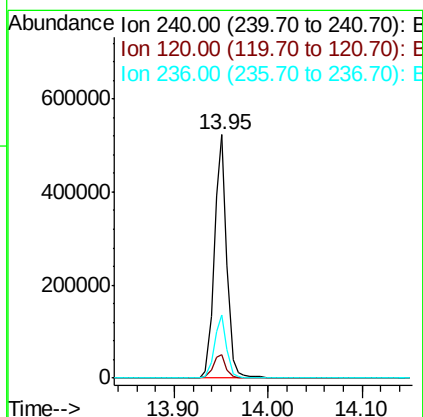
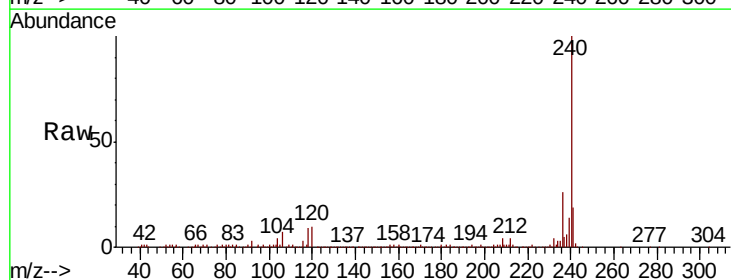
Instrument :
BNA_F
ClientSampleId :
37849

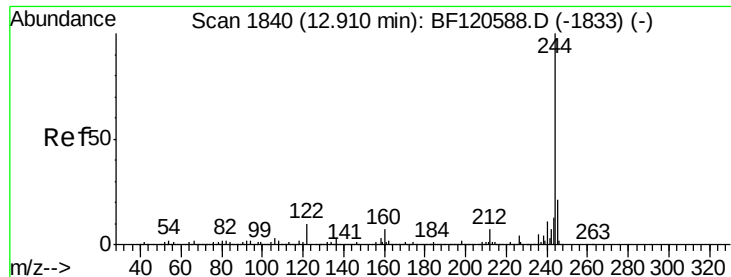
Tot Ion:188 Resp: 249587
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120728.D
Acq: 29 Jun 2020 15:31

Tgt Ion:240 Resp: 487312
Ion Ratio Lower Upper
240 100
120 9.8 7.6 11.4
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 1.162 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Instrument :

BNA_F

ClientSampled :

37849

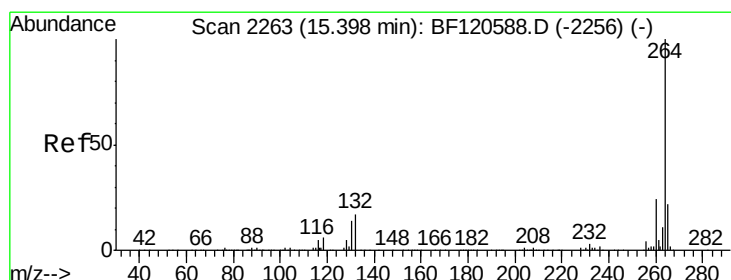
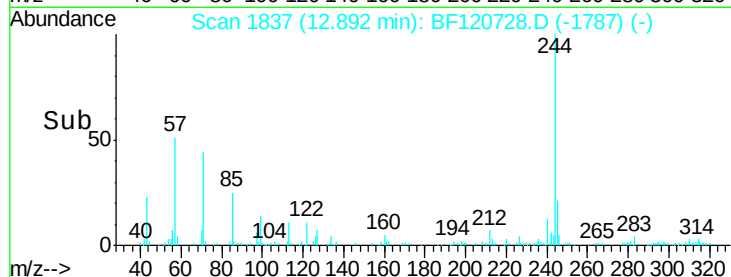
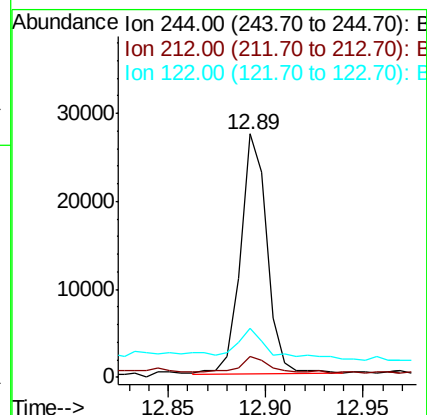
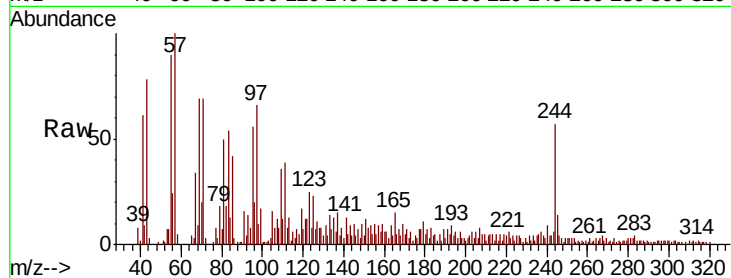
Tot Ion:244 Resp: 25635

Ion Ratio Lower Upper

244 100

212 8.5 5.6 8.4#

122 20.2 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF120728.D

Acq: 29 Jun 2020 15:31

Tgt Ion:264 Resp: 230838

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 20.9 17.4 26.0

