

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120668.D
 Acq On : 19 Jun 2020 17:22
 Operator : JU/CG
 Sample : L3024-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-6

Quant Time: Jun 20 00:55:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144912	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	546682	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	292731	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	588446	20.00	ng	0.00
76) Chrysene-d12	13.96	240	515659	20.00	ng	0.00
86) Perylene-d12	15.40	264	511959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1132988	134.04	ng	0.00
7) Phenol-d6	6.43	99	1327020	126.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	999080	102.15	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	514346	151.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1836420	95.98	ng	0.00
79) Terphenyl-d14	12.92	244	2343677	100.39	ng	0.00

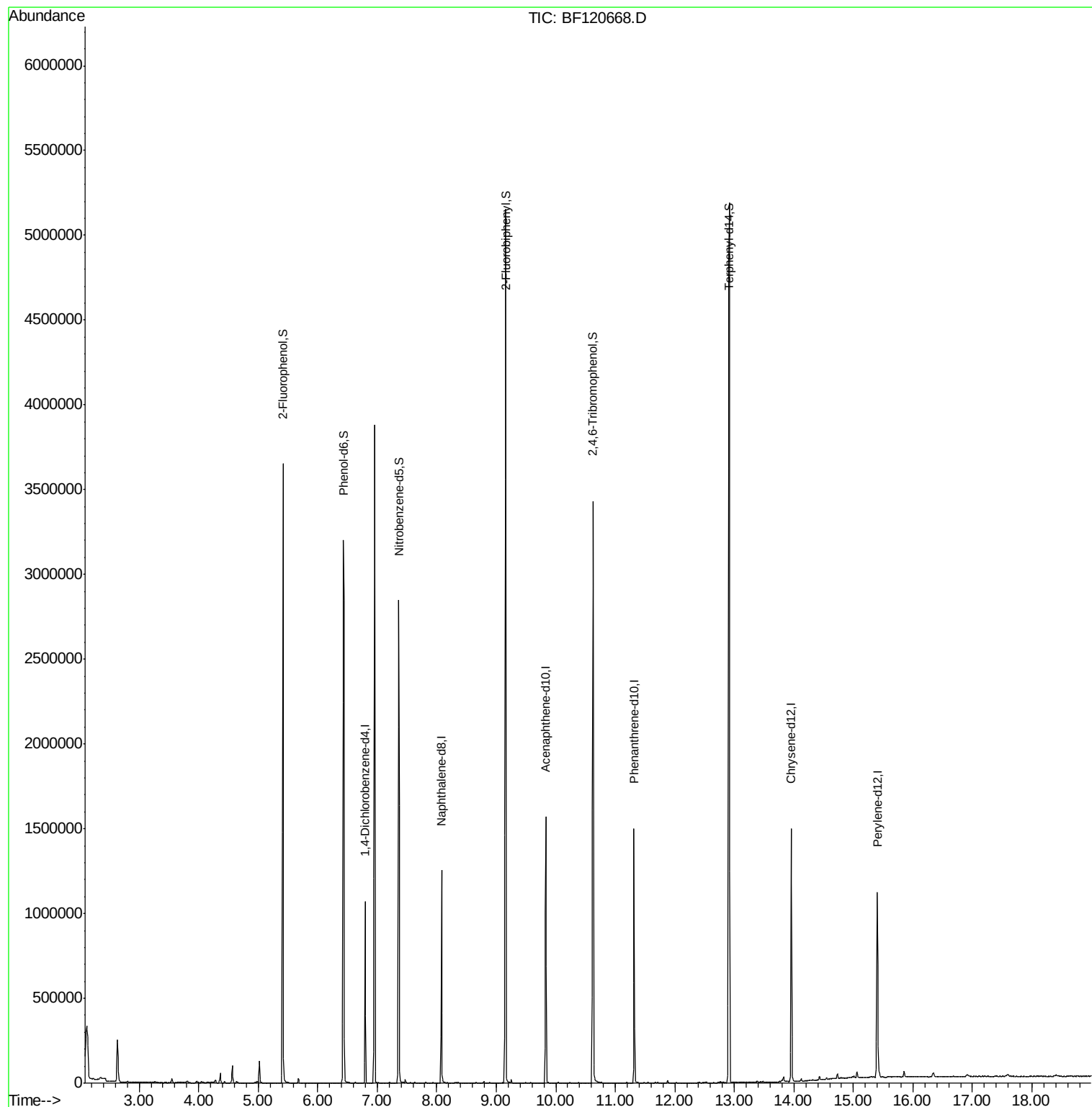
Target Compounds Qvalue

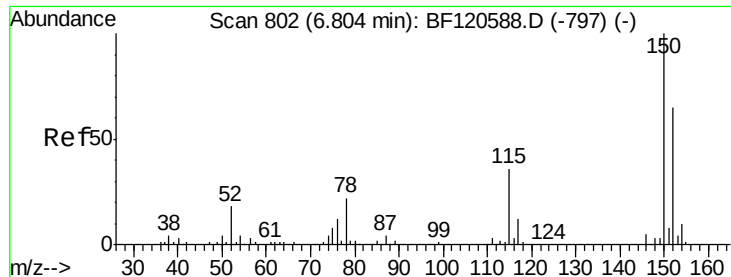
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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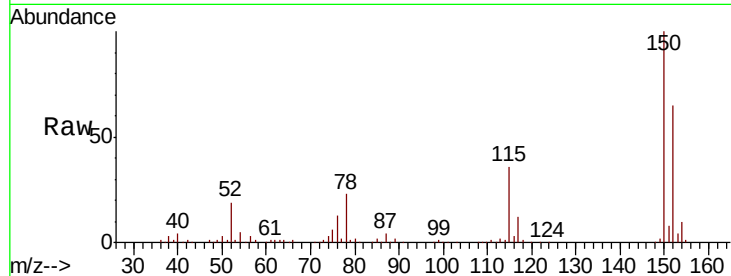


#1

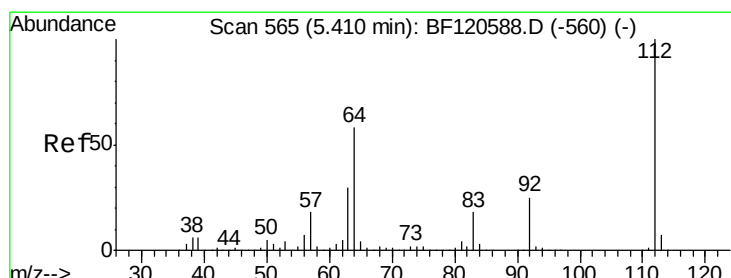
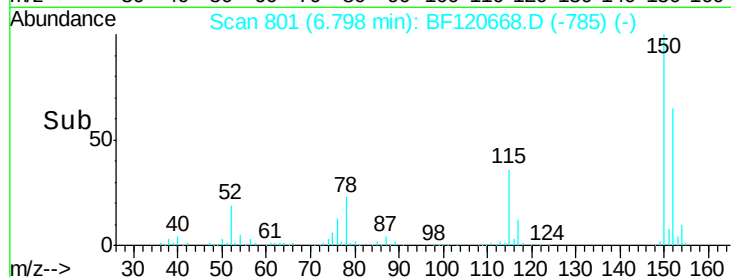
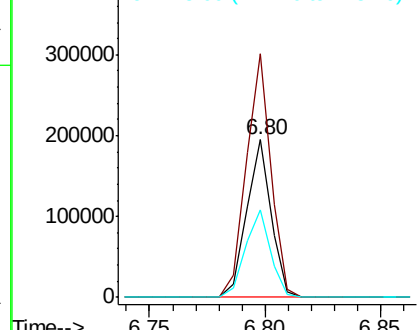
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Instrument :
BNA_F
ClientSampleId :
RO-6

Tot Ion:152 Resp: 144912
Ion Ratio Lower Upper
152 100
150 154.3 123.2 184.8
115 55.5 43.9 65.9



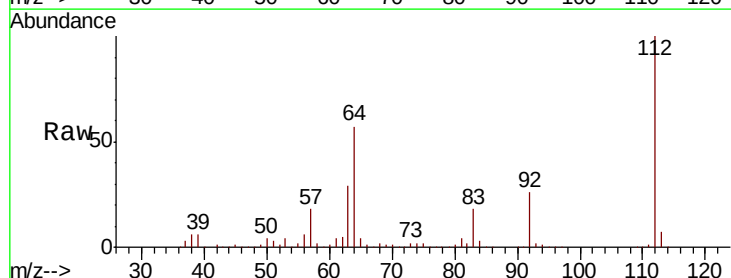
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



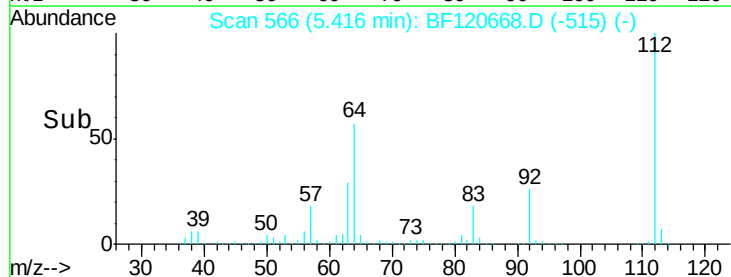
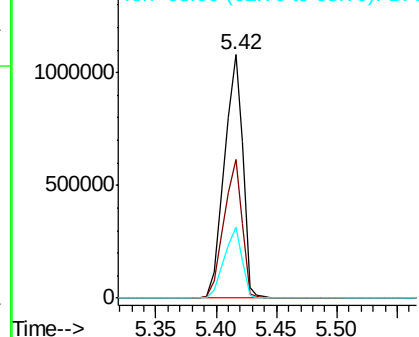
#5

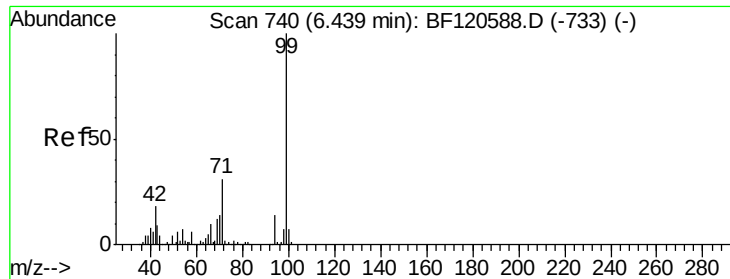
2-Fluorophenol
Concen: 134.044 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion:112 Resp: 1132988
Ion Ratio Lower Upper
112 100
64 56.7 46.1 69.1
63 29.0 23.7 35.5



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: 126.054 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

Instrument :

BNA_F

ClientSampleId :

RO-6

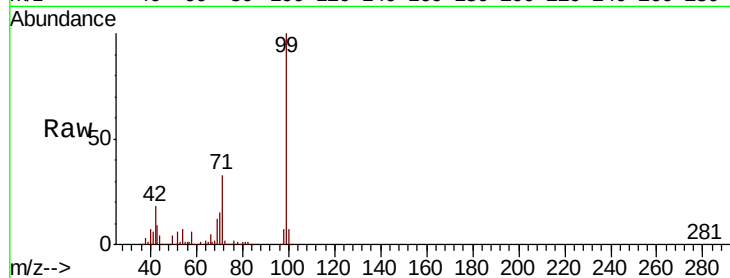
Tot Ion: 99 Resp: 1327020

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

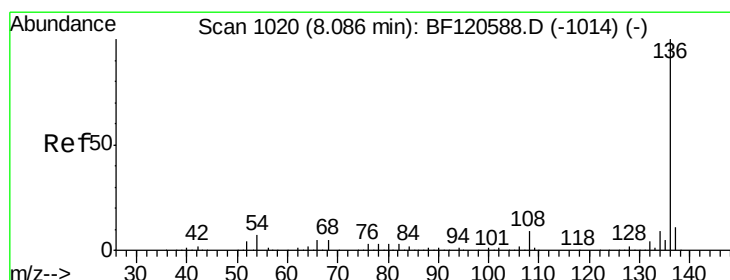
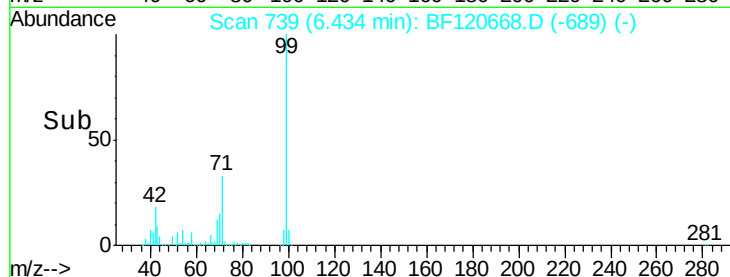
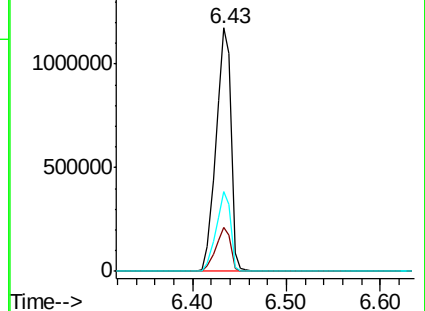
71 32.6 24.9 37.3



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: BF120668.D

Acq: 19 Jun 2020 17:22

Tgt Ion: 136 Resp: 546682

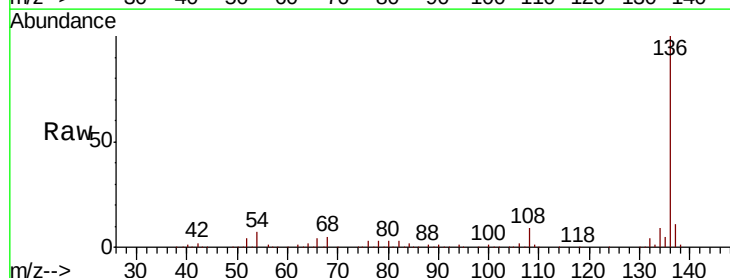
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.1 5.8 8.6

68 5.5 4.4 6.6

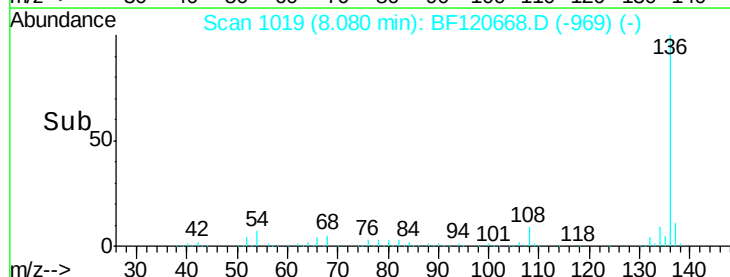
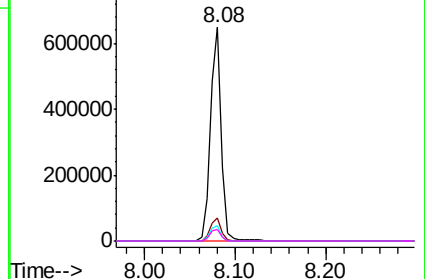


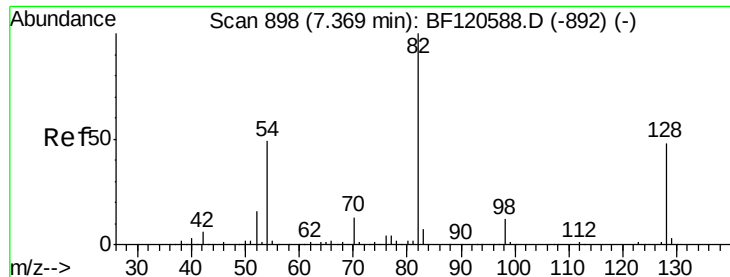
Abundance Ion 136.00 (135.70 to 136.70): E

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

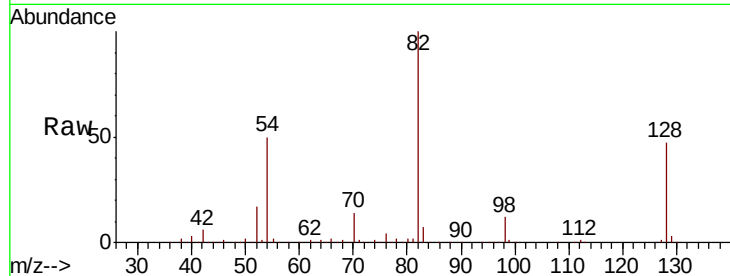




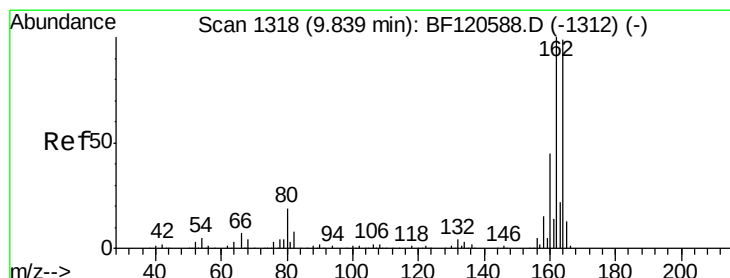
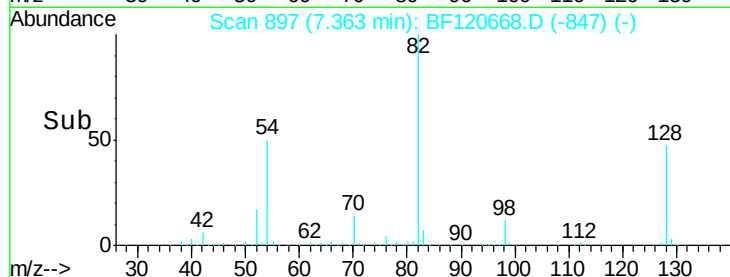
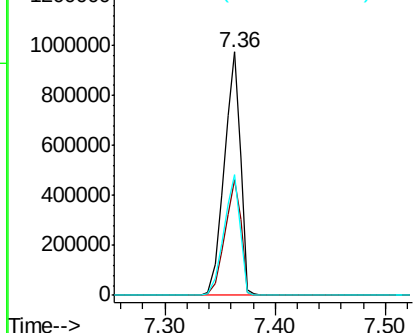
#23
Nitrobenzene-d5
Concen: 102.153 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Instrument :
BNA_F
ClientSampleId :
RO-6

Tot Ion: 82 Resp: 999080
Ion Ratio Lower Upper
82 100
128 47.4 38.0 57.0
54 49.6 38.8 58.2

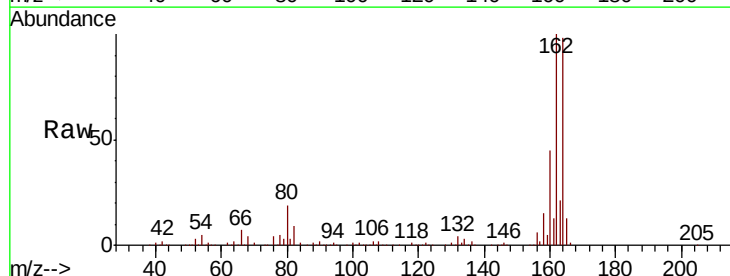


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

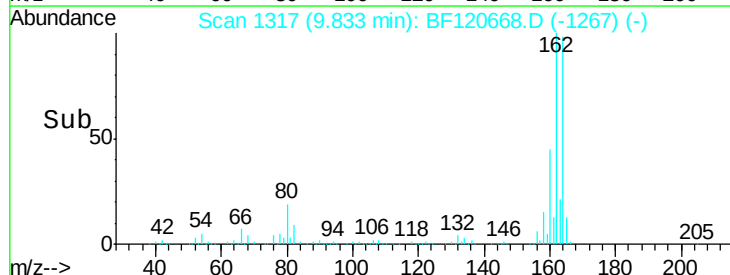
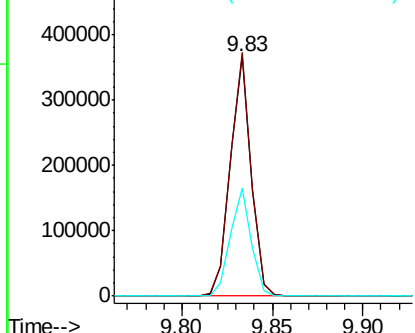


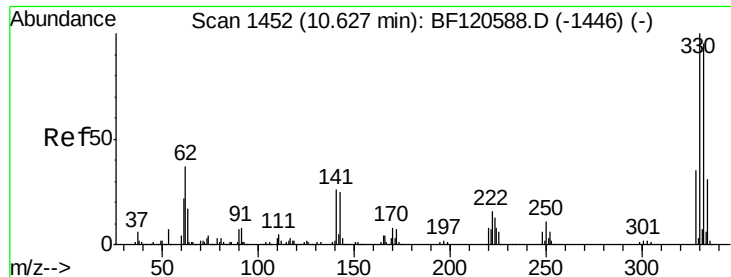
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion:164 Resp: 292731
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.4 36.2 54.2



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: 151.127 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

Instrument :

BNA_F

ClientSampleId :

RO-6

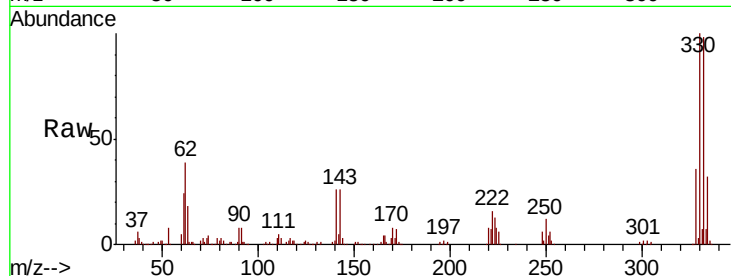
Tot Ion:330 Resp: 514346

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

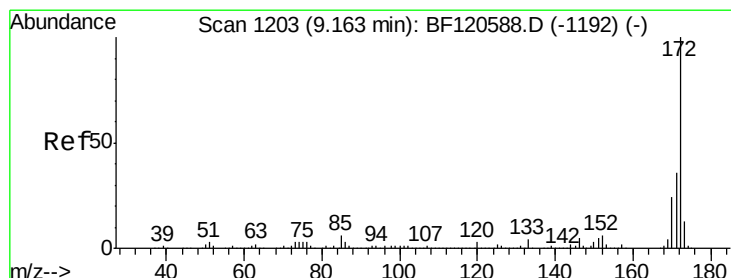
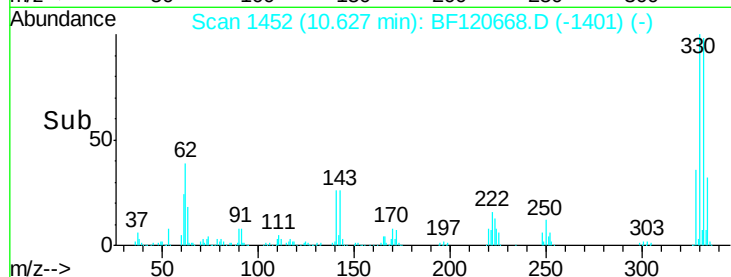
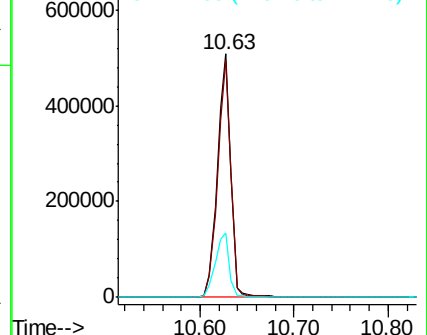
141 27.8 23.2 34.8



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: 95.982 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120668.D

Acq: 19 Jun 2020 17:22

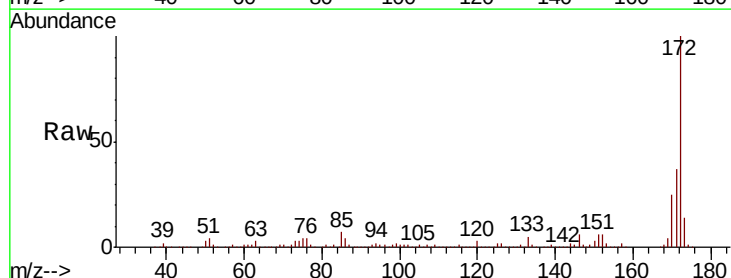
Tgt Ion:172 Resp: 1836420

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

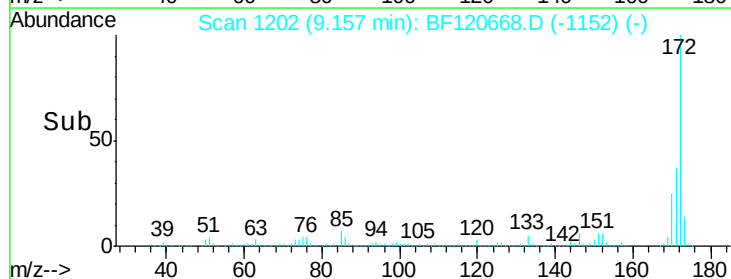
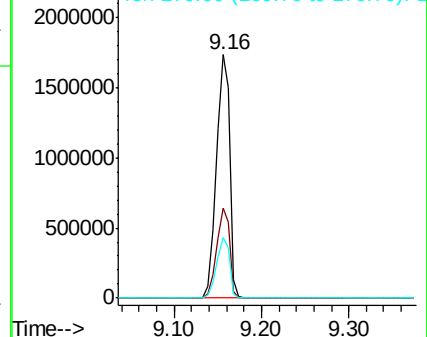
170 24.7 19.4 29.2

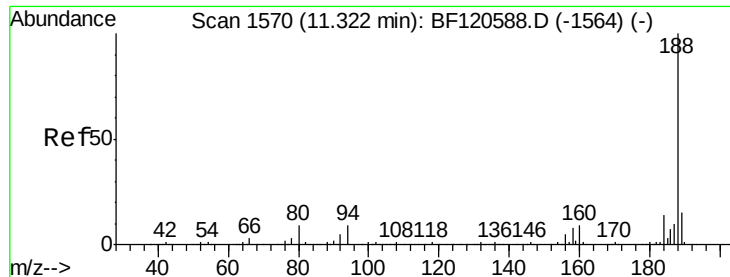


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

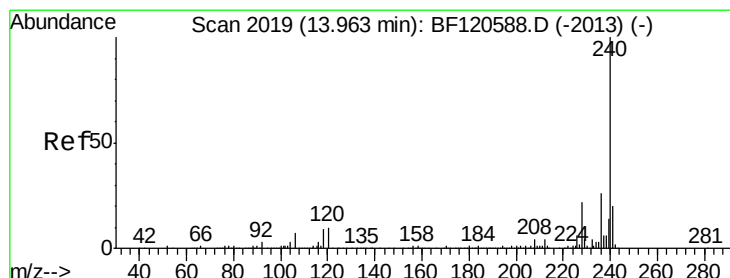
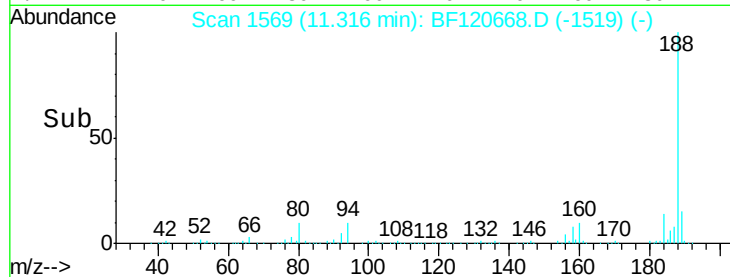
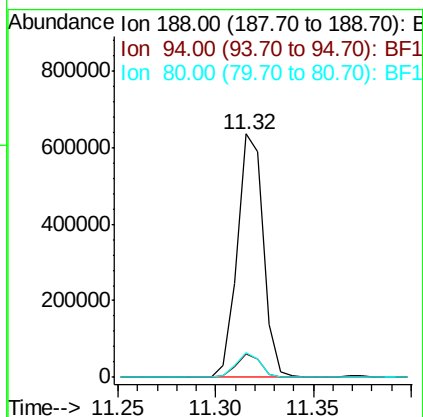
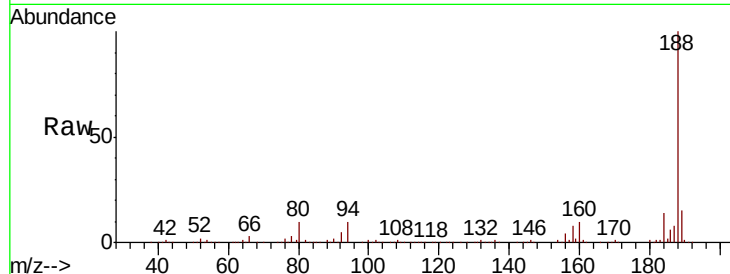




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

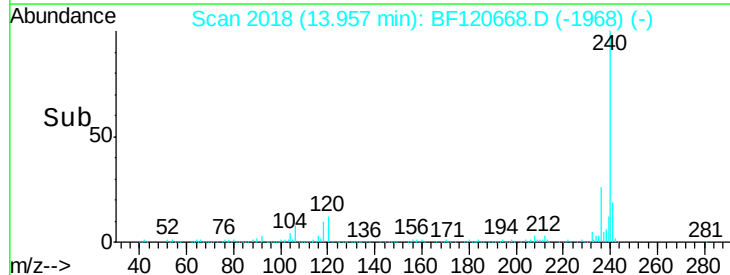
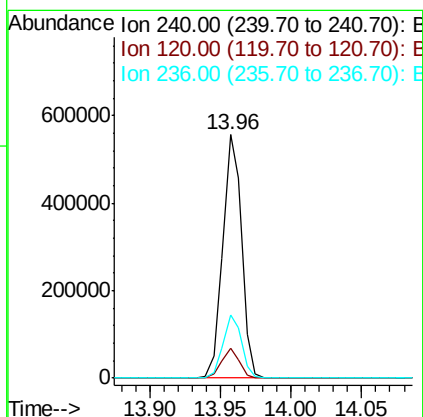
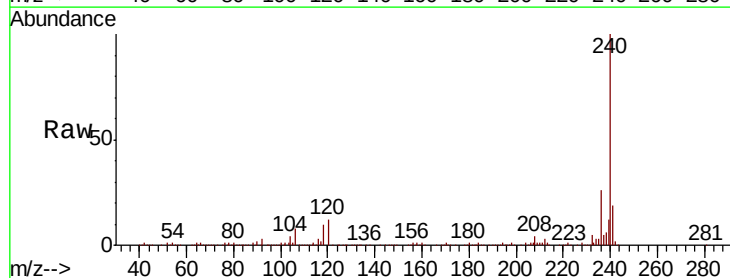
Instrument :
BNA_F
ClientSampleId :
RO-6

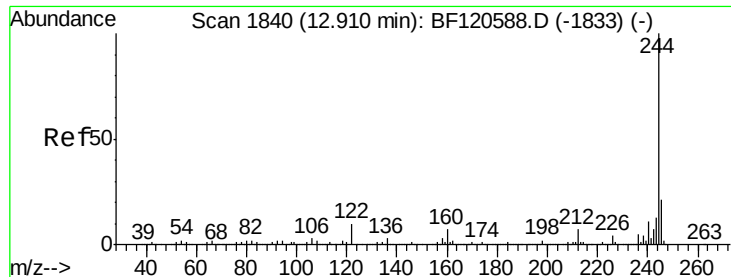
Tot Ion:188 Resp: 588446
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.4 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120668.D
Acq: 19 Jun 2020 17:22

Tgt Ion:240 Resp: 515659
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 26.1 21.0 31.4



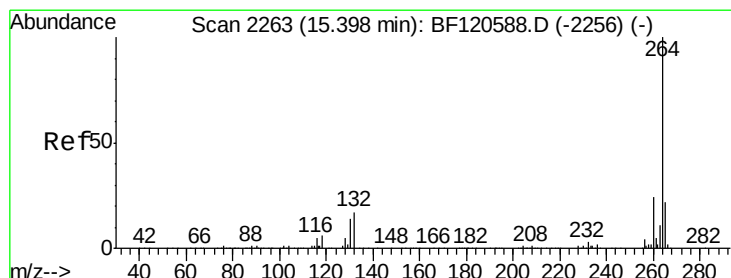
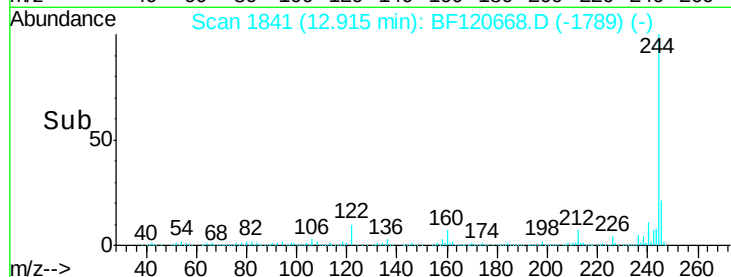
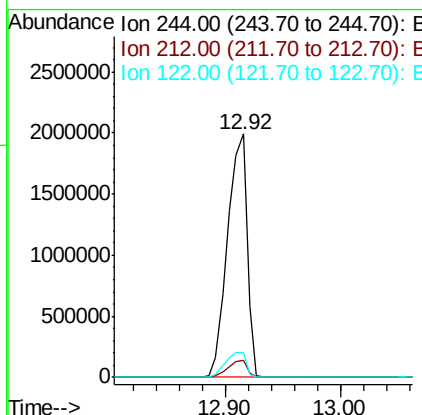
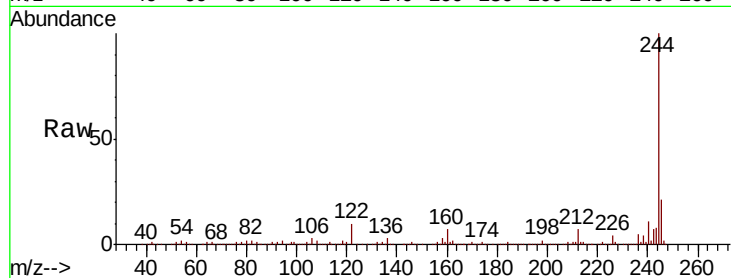


#79
 Terphenyl-d14
 Concen: 100.394 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Instrument :
 BNA_F
 ClientSampled :
 RO-6

Tot Ion:244 Resp: 2343677

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.2	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120668.D
 Acq: 19 Jun 2020 17:22

Tgt Ion:264 Resp: 511959

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	17.8	26.8

