

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113289.D
 Acq On : 26 Mar 2019 13:52
 Operator : JU/SJ
 Sample : PB118273BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

Quant Time: Mar 27 06:50:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	186462	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	697691	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	332052	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	703709	20.00	ng	0.00
76) Chrysene-d12	13.84	240	428777	20.00	ng	0.00
87) Perylene-d12	15.24	264	404036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1206721	105.82	ng	0.01
7) Phenol-d6	6.35	99	1560924	108.20	ng	0.00
23) Nitrobenzene-d5	7.26	82	992798	84.46	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	431571	105.22	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1786466	84.15	ng	0.00
79) Terphenyl-d14	12.79	244	1786754	91.85	ng	0.00

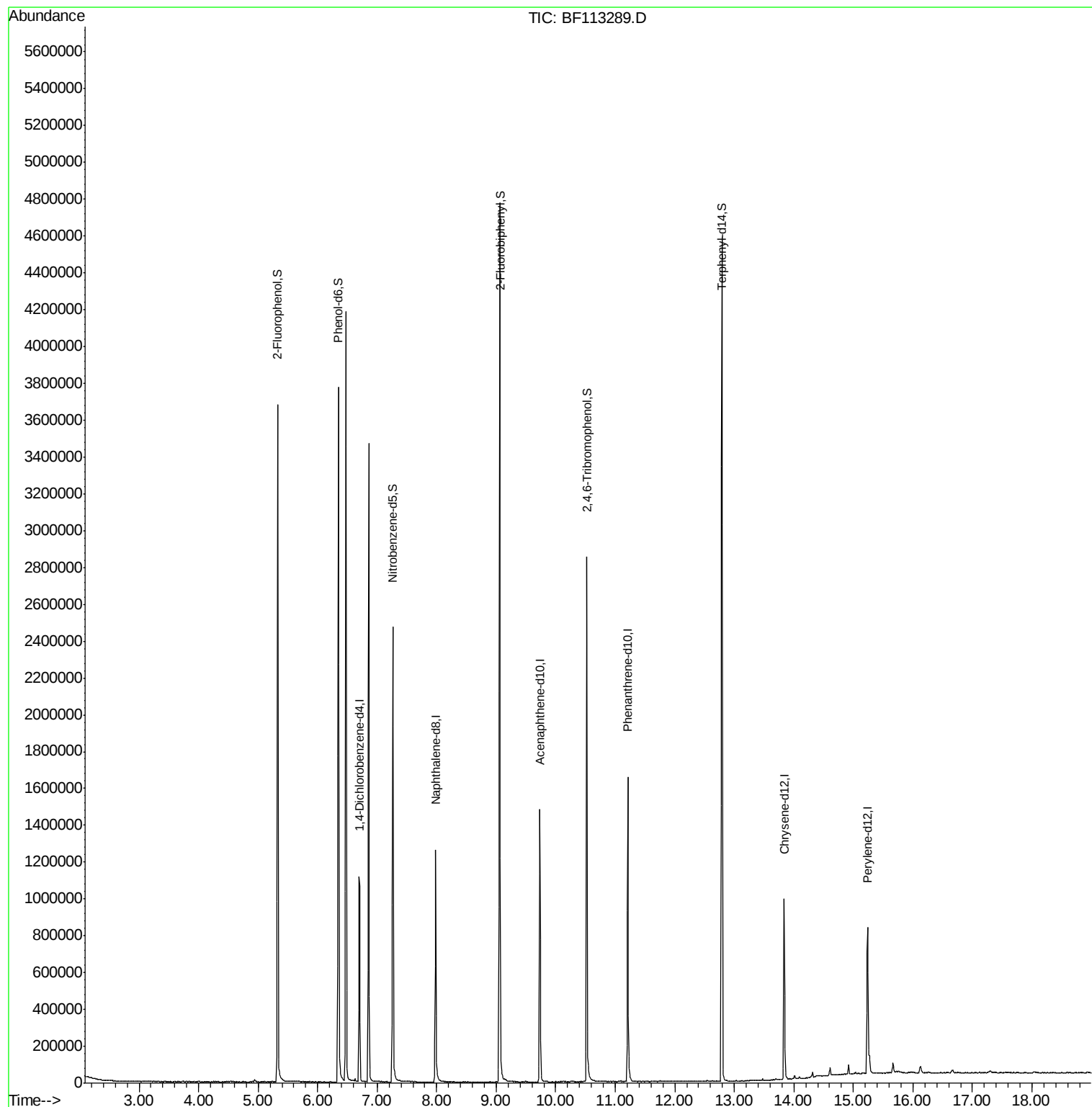
Target Compounds	Qvalue
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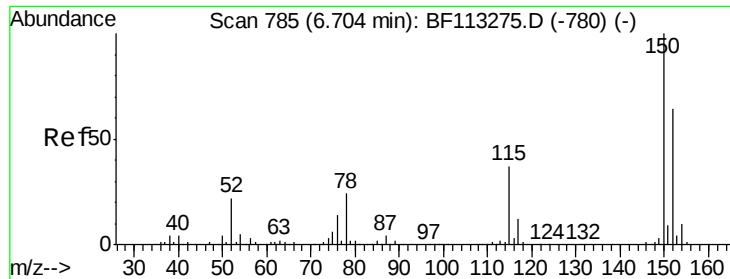
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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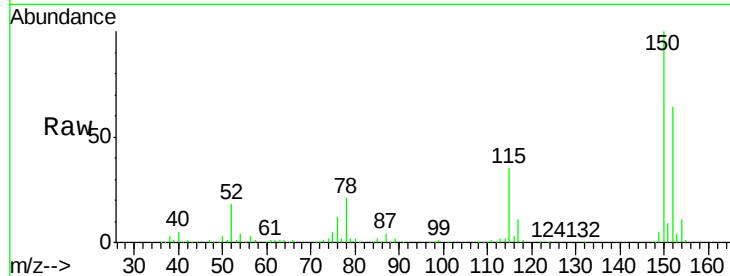


#1

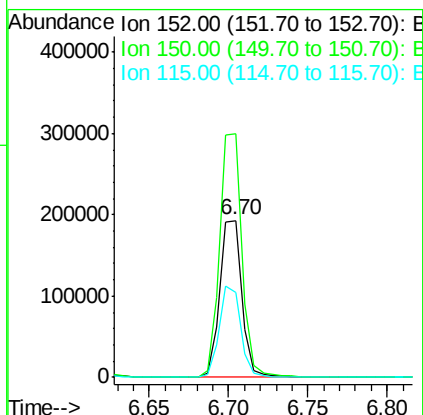
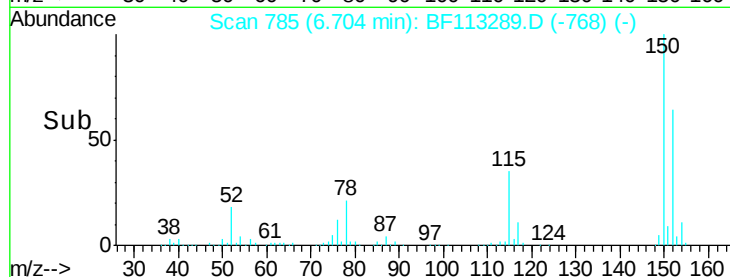
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Instrument :
BNA_F
ClientSampleId :
PB118273BL

Tgt Ion:152 Resp: 186462
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 54.6 46.0 69.0



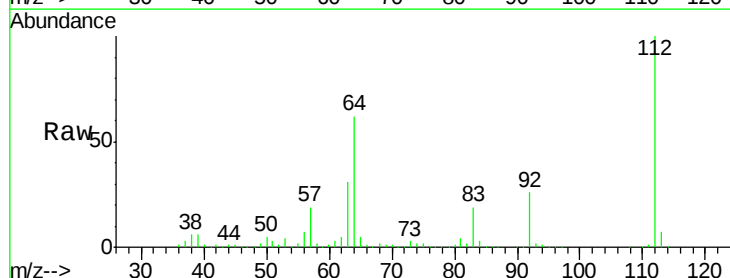
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



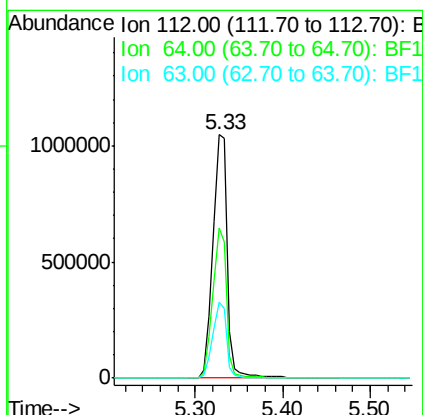
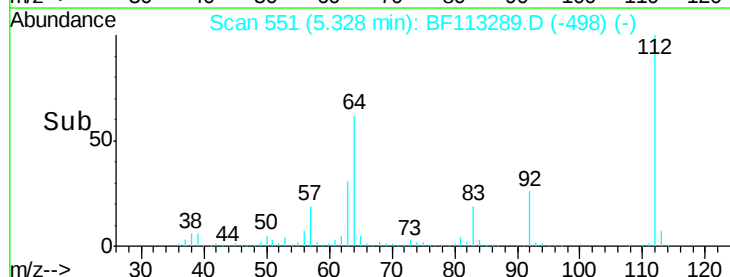
#5

2-Fluorophenol
Concen: 105.820 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Tgt Ion:112 Resp: 1206721
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 31.2 24.9 37.3



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: 108.201 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

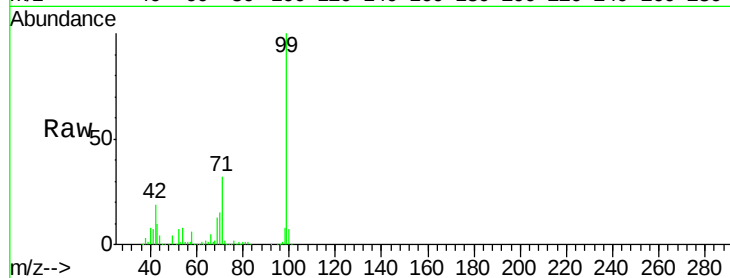
Tgt Ion: 99 Resp: 1560924

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

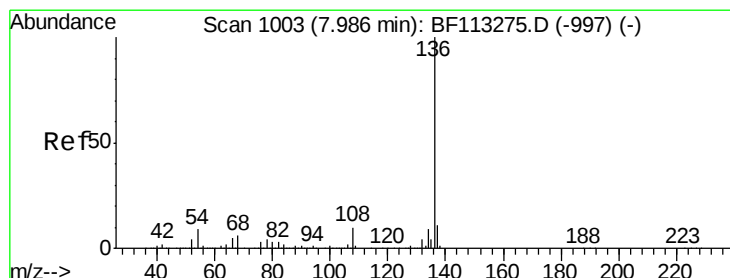
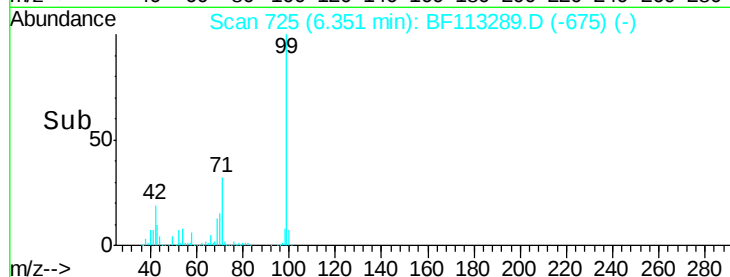
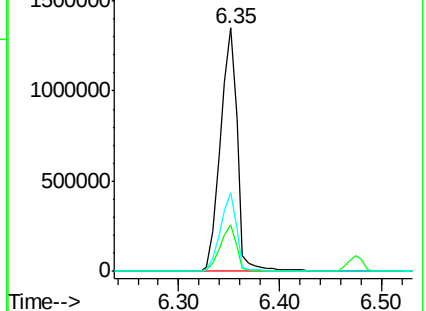
71 32.3 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Tgt Ion: 136 Resp: 697691

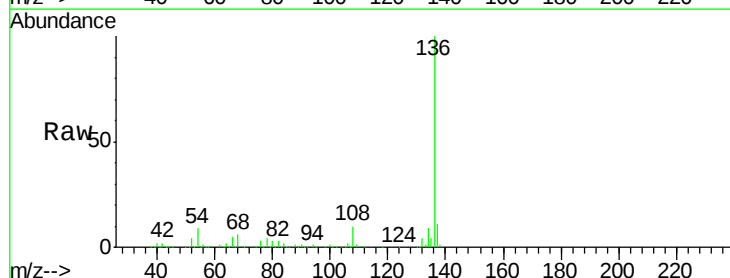
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 7.0 10.6

68 6.1 4.8 7.2

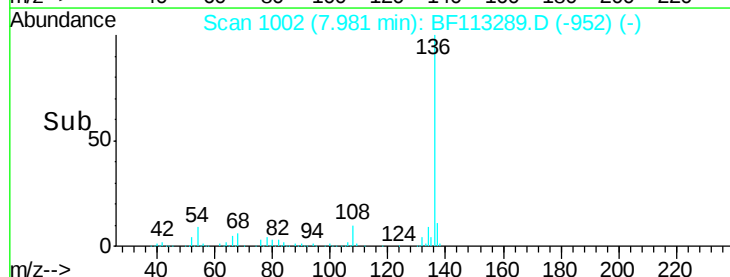
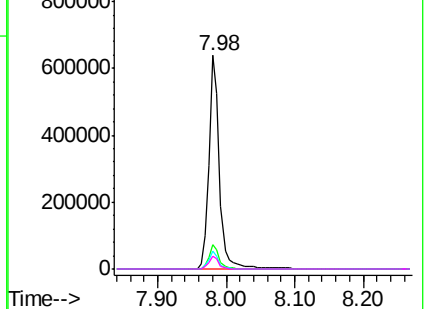


Abundance Ion 136.00 (135.70 to 136.70): E

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

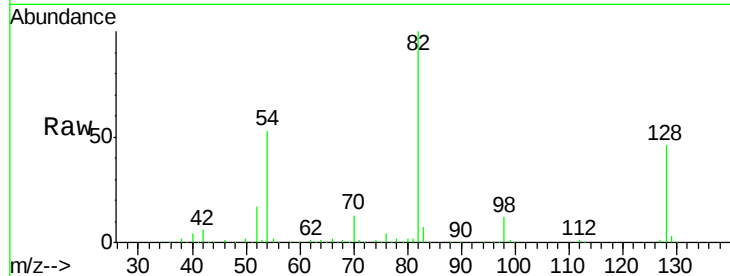




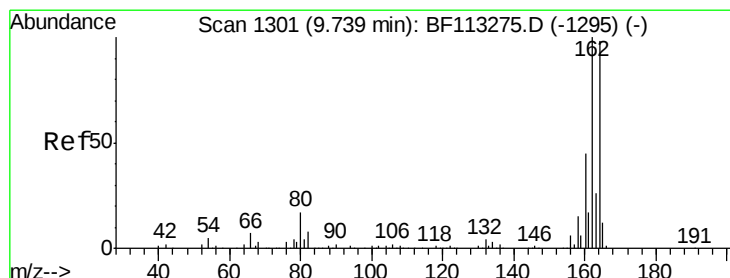
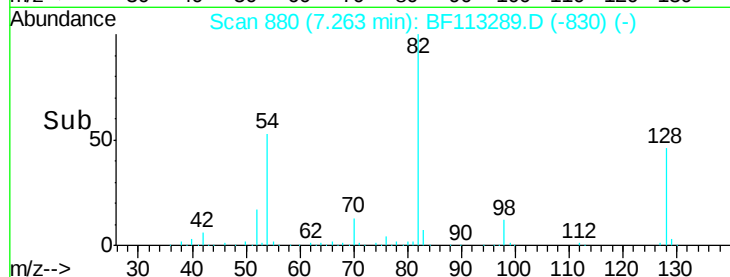
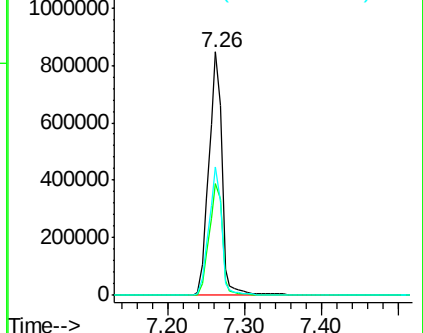
#23
 Nitrobenzene-d5
 Concen: 84.459 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

Tgt Ion: 82 Resp: 992798
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.5 54.7
 54 52.9 42.2 63.2

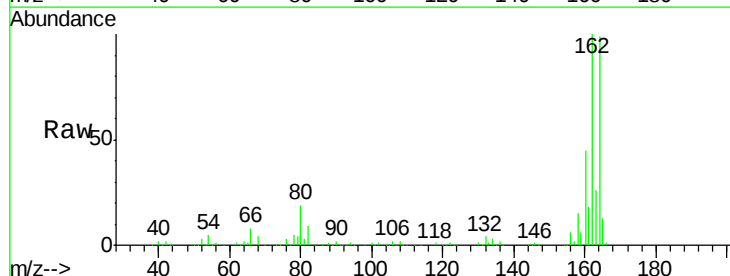


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

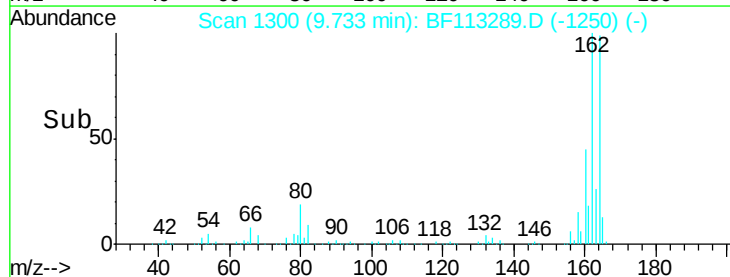
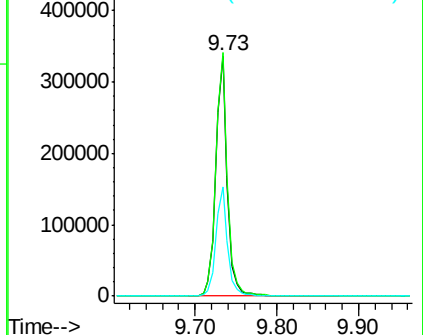


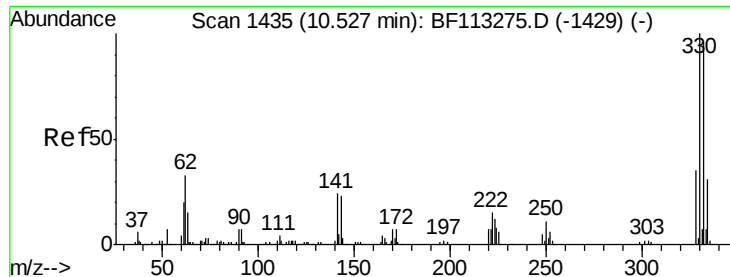
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Tgt Ion: 164 Resp: 332052
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 45.2 36.4 54.6



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: 105.220 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB118273BL

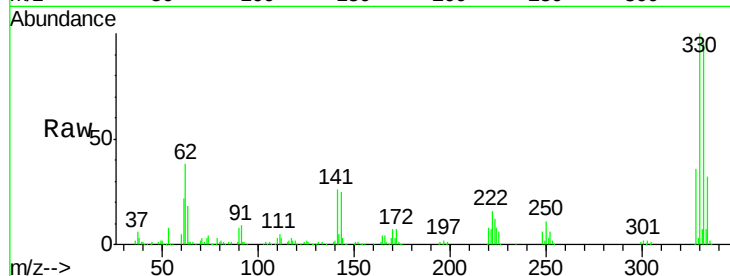
Tgt Ion:330 Resp: 431571

Ion Ratio Lower Upper

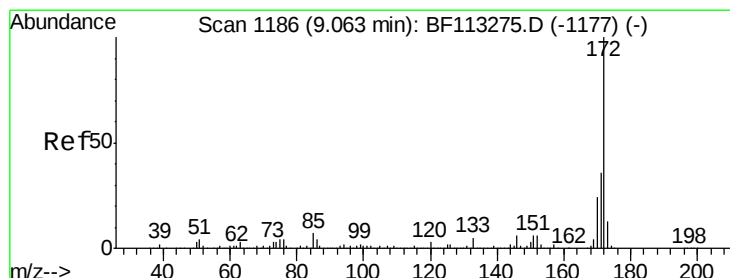
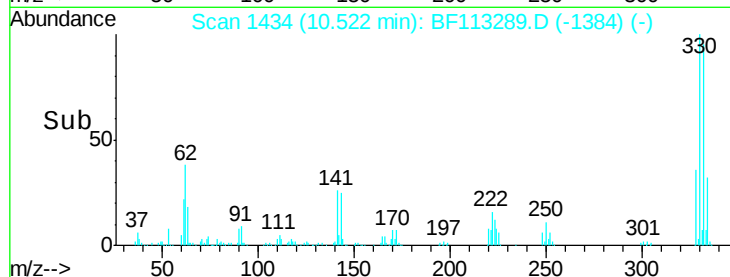
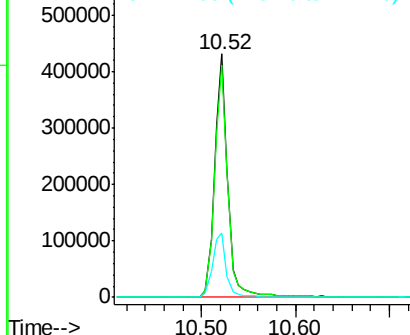
330 100

332 97.6 77.8 116.6

141 28.2 22.7 34.1



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: 84.148 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113289.D

Acq: 26 Mar 2019 13:52

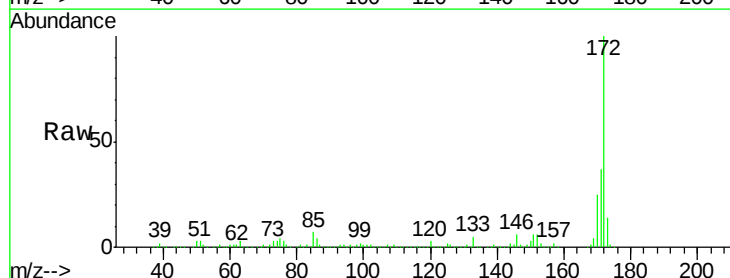
Tgt Ion:172 Resp: 1786466

Ion Ratio Lower Upper

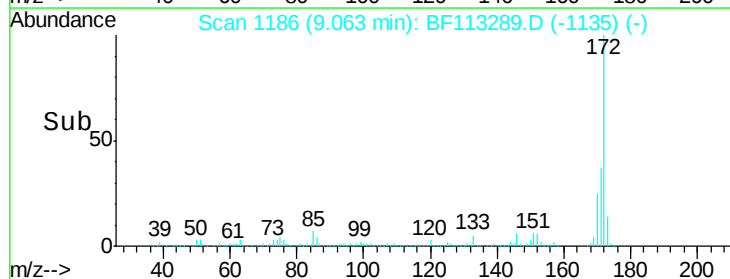
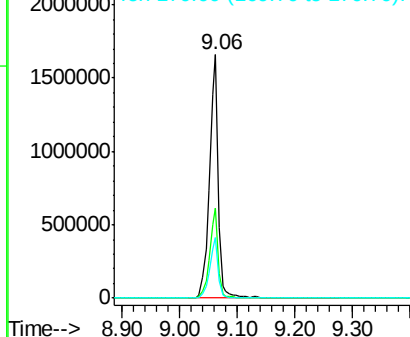
172 100

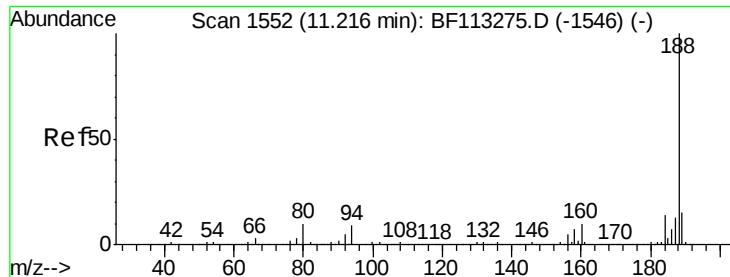
171 36.8 29.0 43.6

170 25.0 19.5 29.3



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

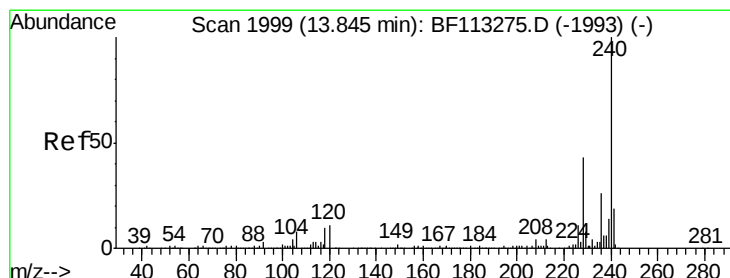
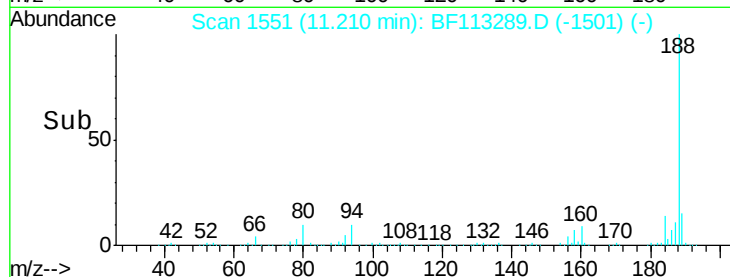
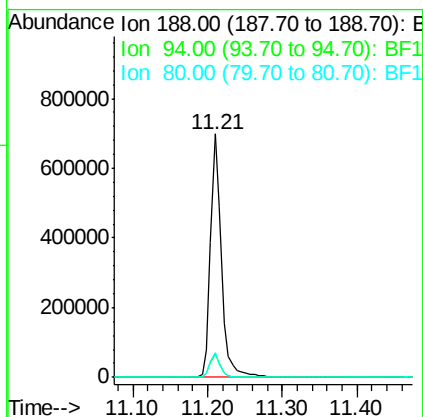
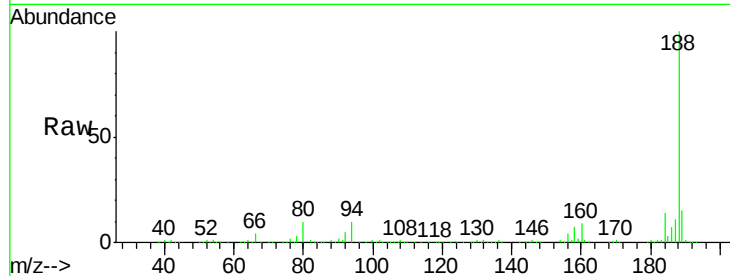




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

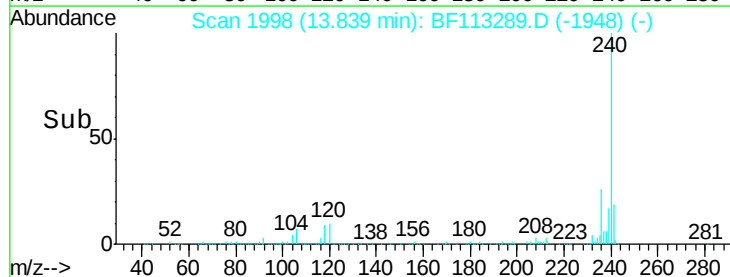
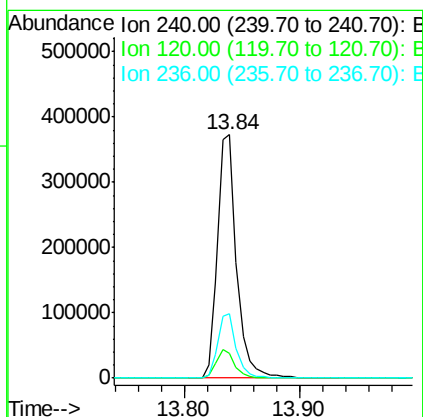
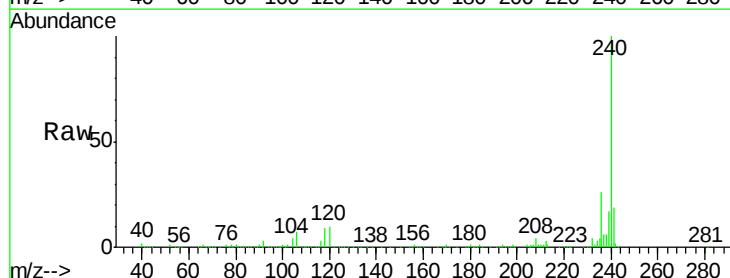
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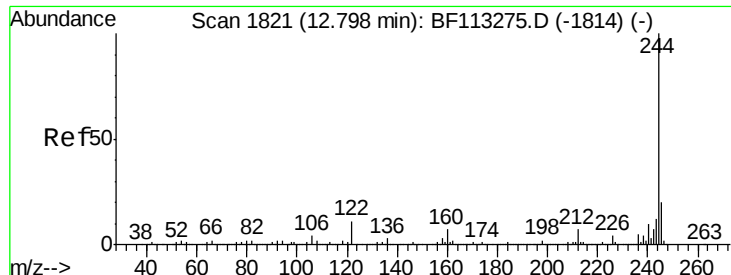
Tgt Ion:188 Resp: 703709
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113289.D
Acq: 26 Mar 2019 13:52

Tgt Ion:240 Resp: 428777
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 26.4 20.9 31.3

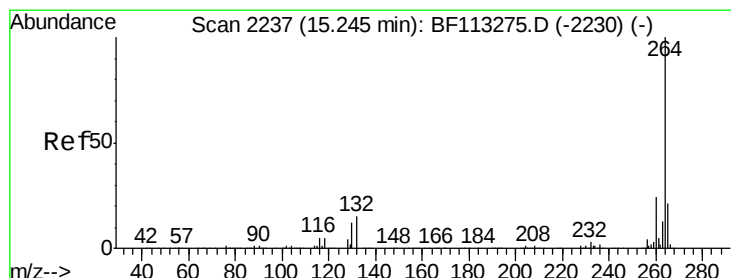
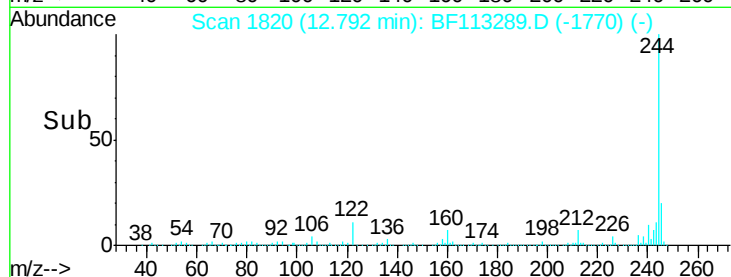
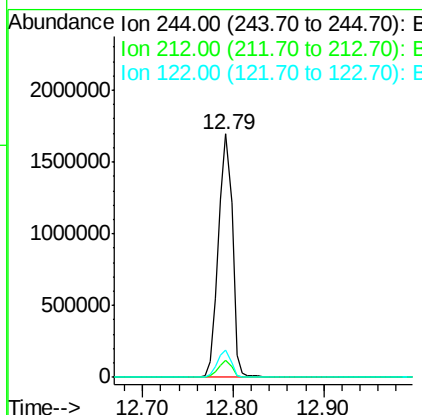
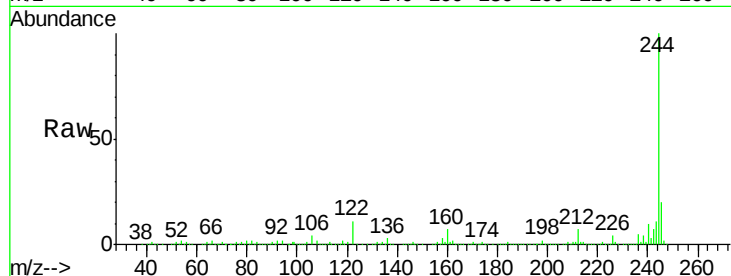




#79
 Terphenyl-d14
 Concen: 91.850 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BL

Tgt Ion:244 Resp: 1786754
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113289.D
 Acq: 26 Mar 2019 13:52

Tgt Ion:264 Resp: 404036
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.2 17.1 25.7

