

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116426.D
 Acq On : 20 Aug 2019 11:17
 Operator : HP/JU
 Sample : PB122336BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

Quant Time: Aug 20 15:20:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141820	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	536200	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	282731	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	496479	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	352334	20.00	ng	-0.02
87) Perylene-d12	15.42	264	323861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1047700	123.67	ng	0.00
7) Phenol-d6	6.46	99	1338122	125.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	864397	93.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	345071	125.89	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1455534	96.43	ng	-0.01
79) Terphenyl-d14	12.90	244	1606285	96.07	ng	-0.01

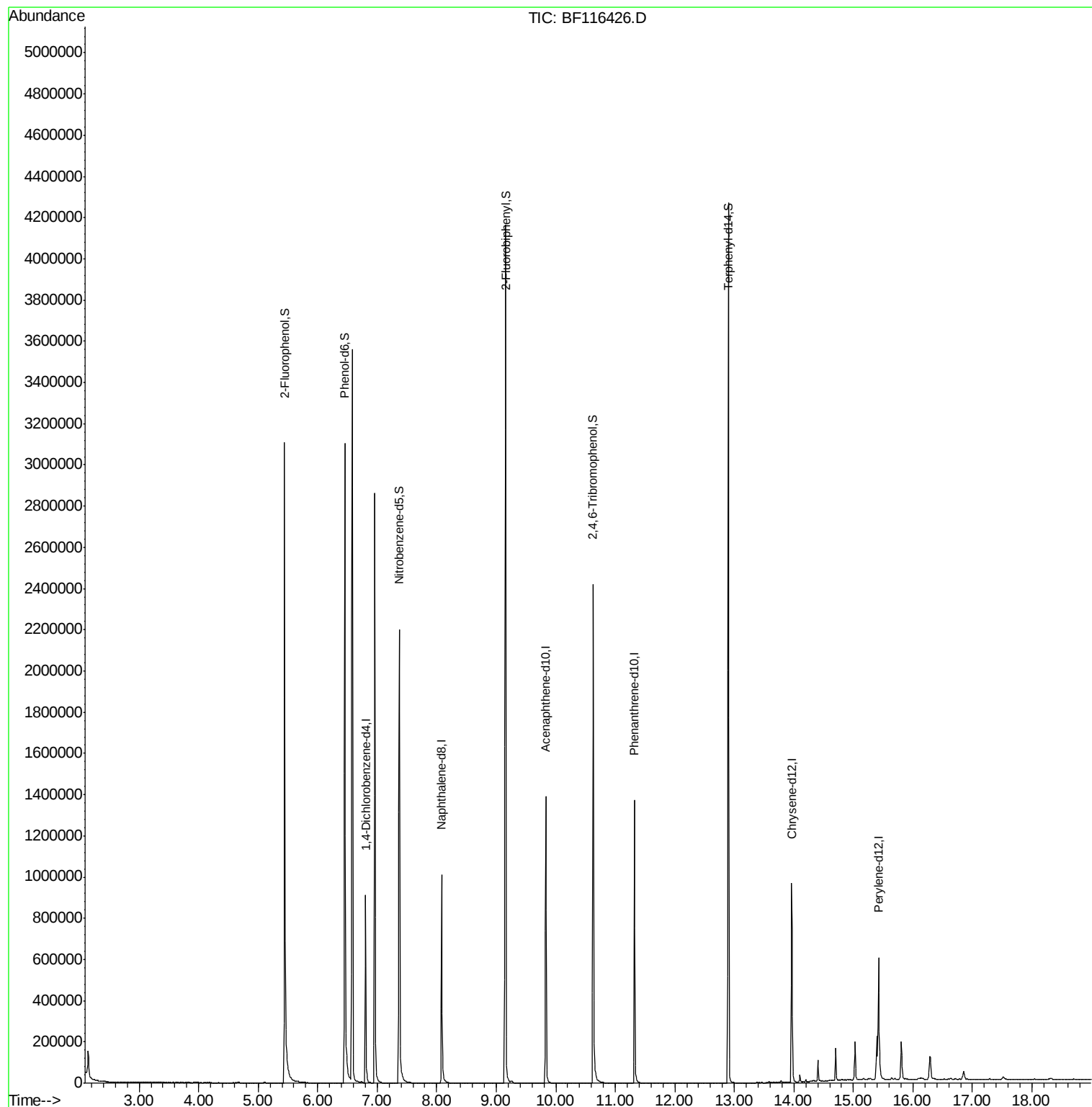
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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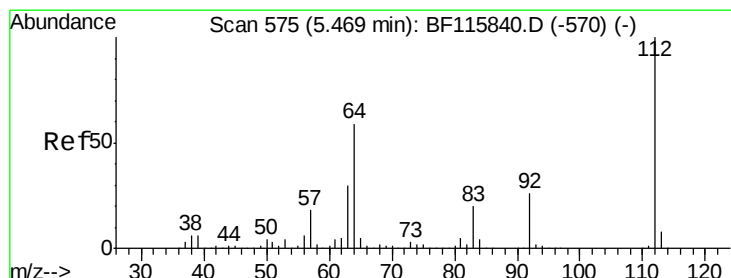
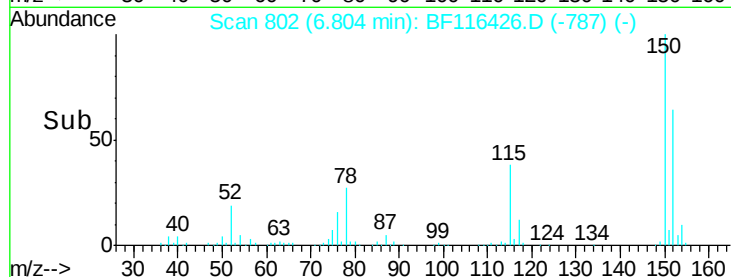
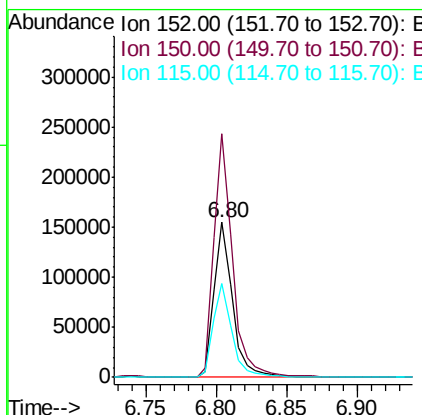
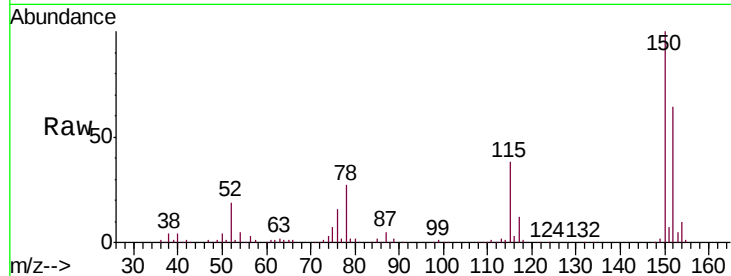




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

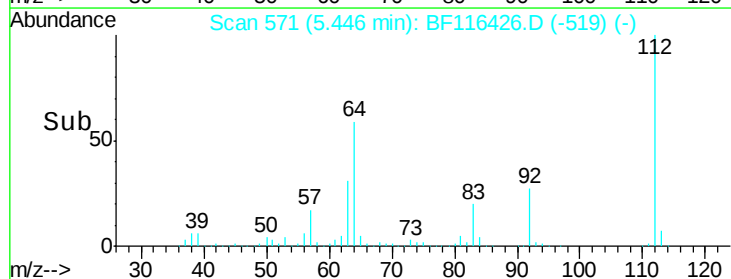
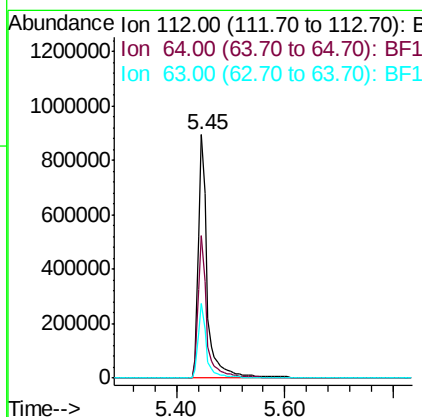
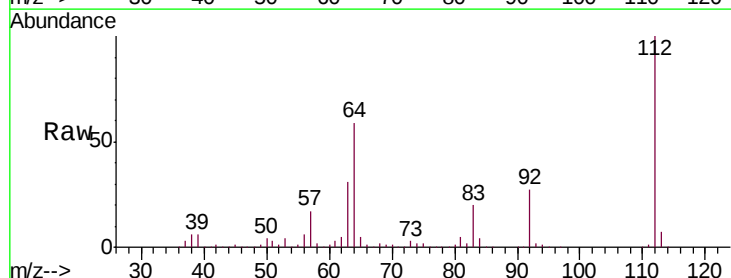
Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

Tgt Ion:152 Resp: 141820
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 60.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 123.672 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Tgt Ion:112 Resp: 1047700
 Ion Ratio Lower Upper
 112 100
 64 58.6 45.4 68.2
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 125.193 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

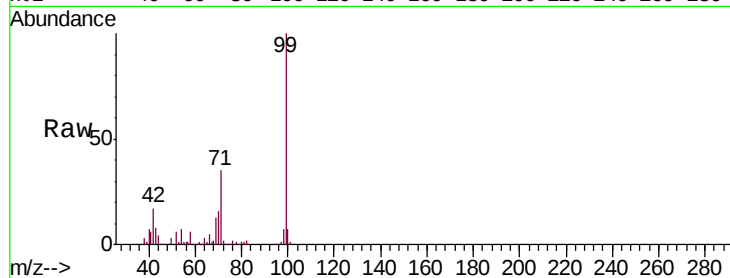
Tgt Ion: 99 Resp: 1338122

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

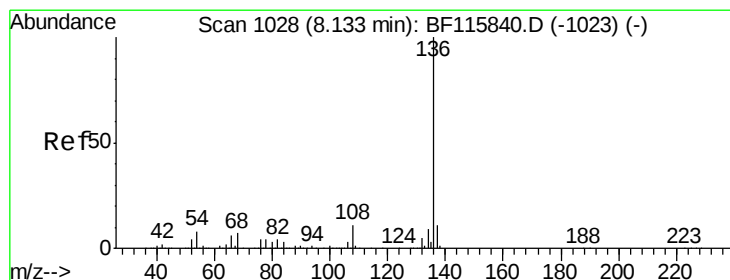
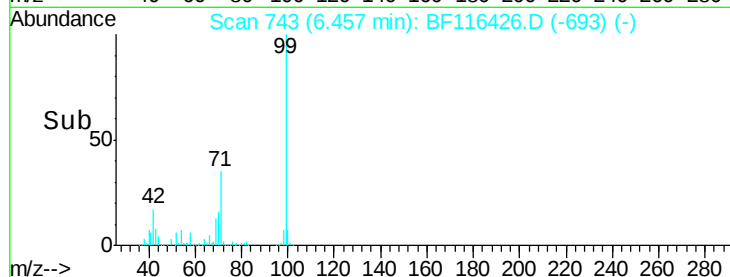
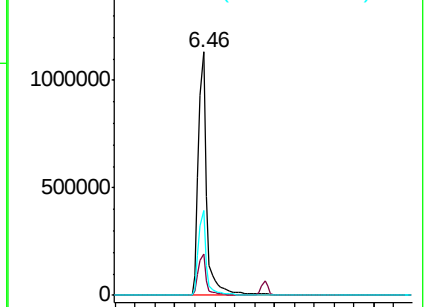
71 34.6 27.3 40.9



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. -0.02 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Tgt Ion: 136 Resp: 536200

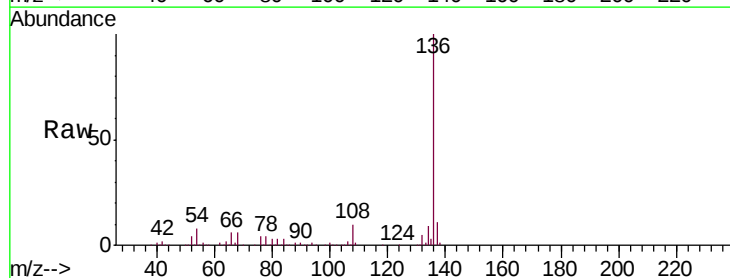
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.5 5.8 8.6

68 6.4 5.2 7.8

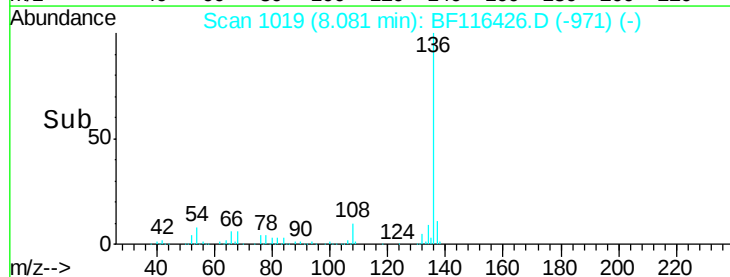
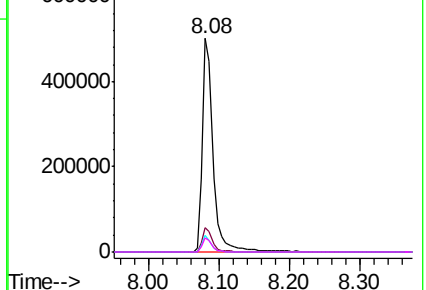


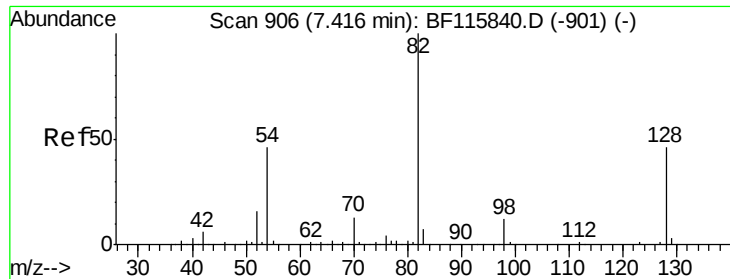
Abundance Ion 136.00 (135.70 to 136.70): E

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

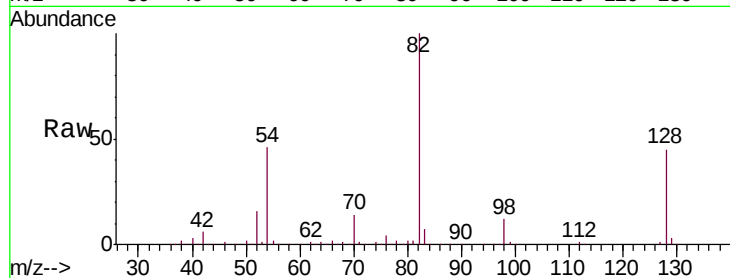




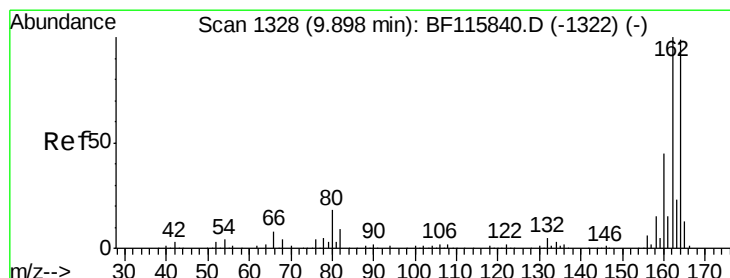
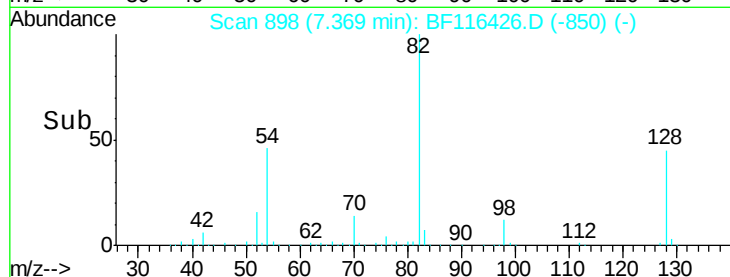
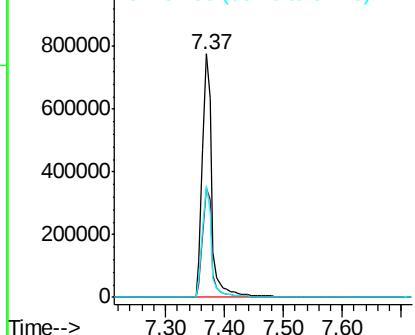
#23
 Nitrobenzene-d5
 Concen: 93.054 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

Tgt Ion: 82 Resp: 864397
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 45.7 36.0 54.0

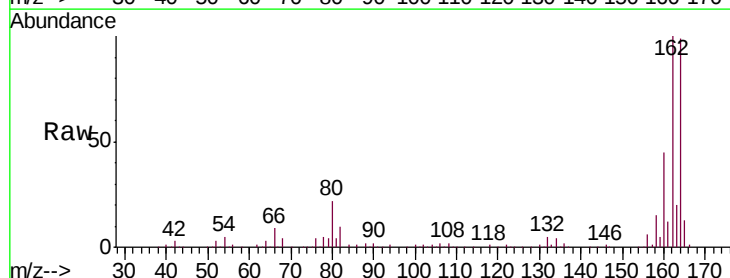


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

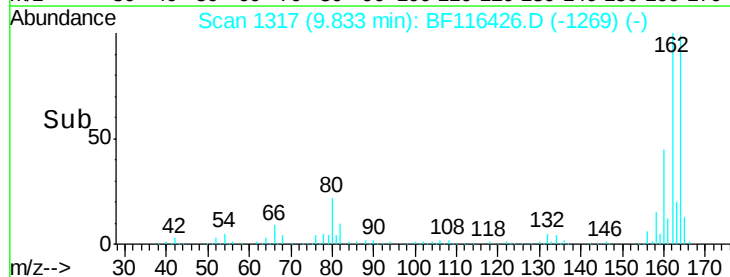
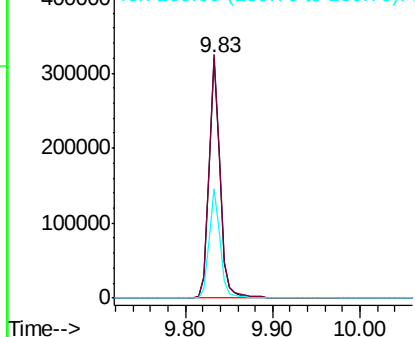


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Tgt Ion: 164 Resp: 282731
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 124.0
 160 45.5 37.6 56.4



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: 125.885 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

Instrument :

BNA_F

ClientSampleId :

PB122336BL

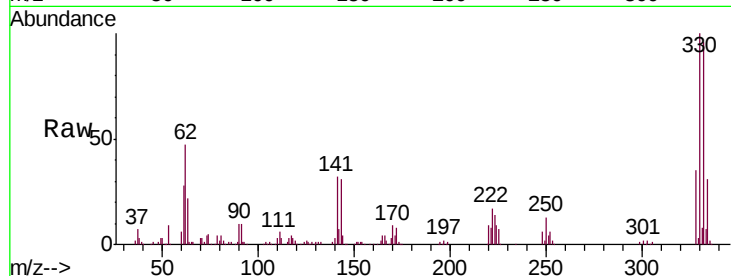
Tgt Ion:330 Resp: 345071

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

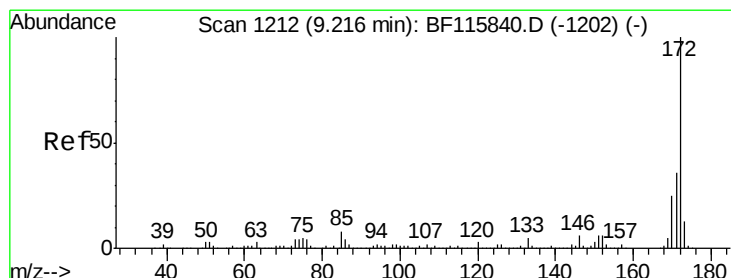
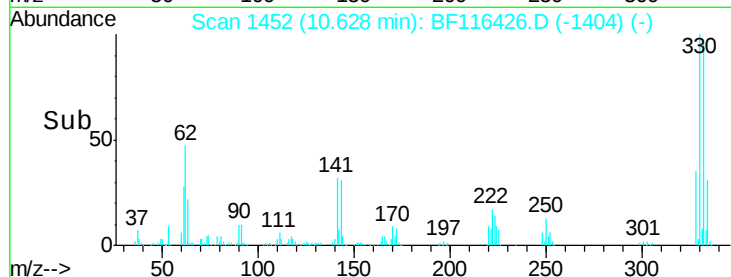
141 33.1 26.3 39.5



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: 96.428 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116426.D

Acq: 20 Aug 2019 11:17

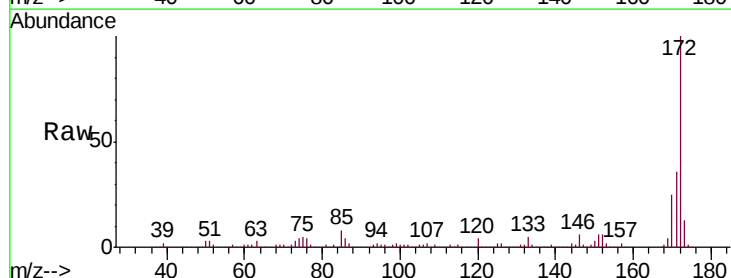
Tgt Ion:172 Resp: 1455534

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

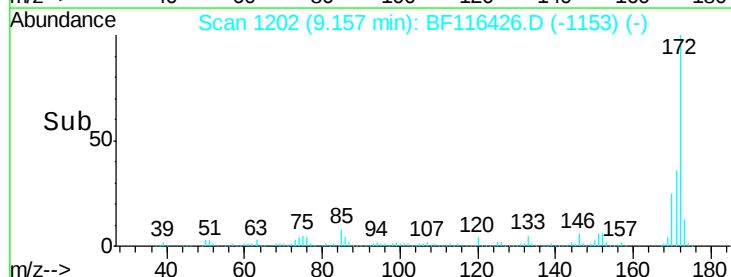
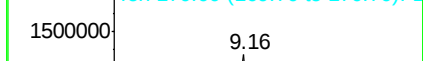
170 25.2 20.1 30.1



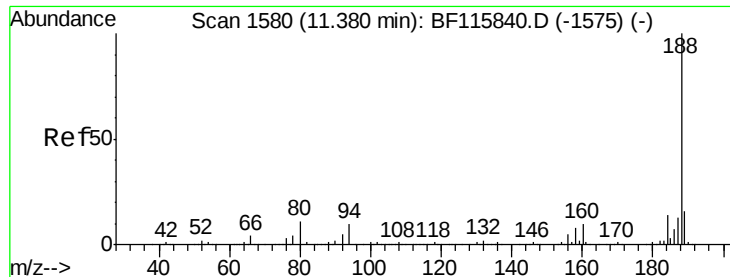
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



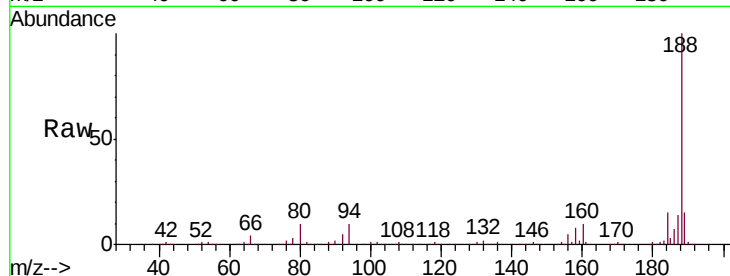
Time-->



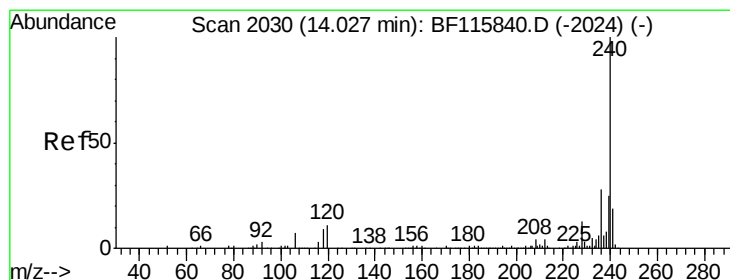
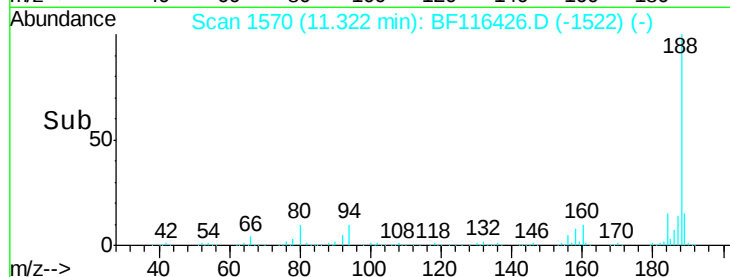
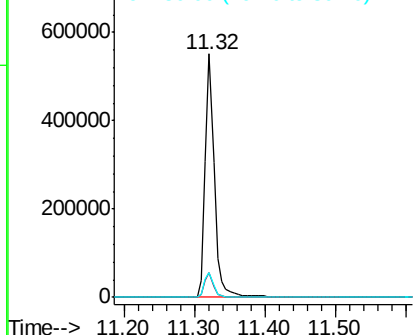
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Instrument :
BNA_F
ClientSampleId :
PB122336BL

Tgt Ion:188 Resp: 496479
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.3 8.7 13.1

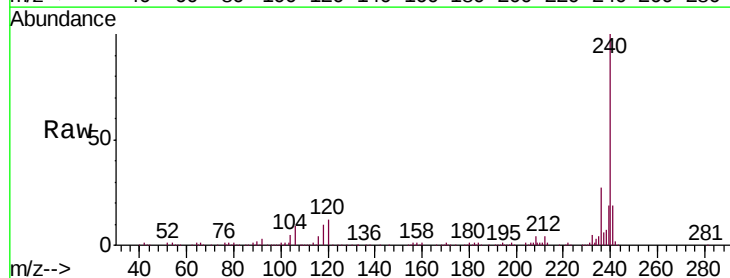


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

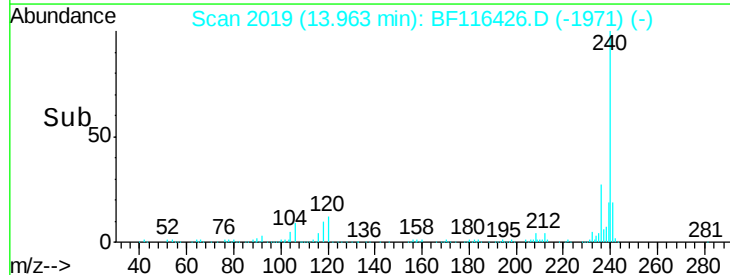
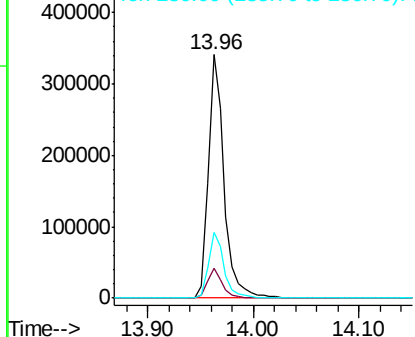


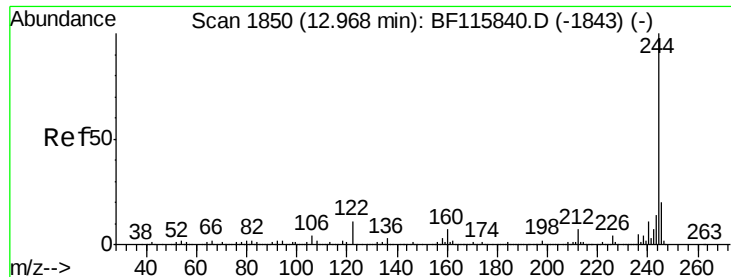
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116426.D
Acq: 20 Aug 2019 11:17

Tgt Ion:240 Resp: 352334
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 27.1 22.2 33.2



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

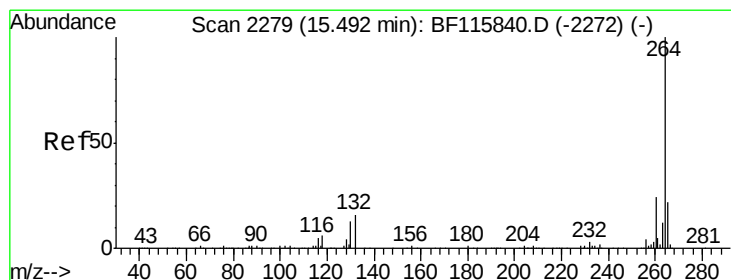
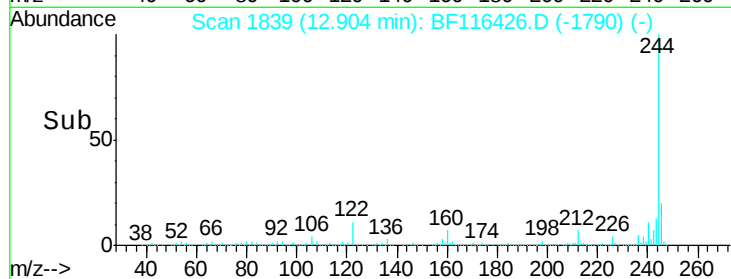
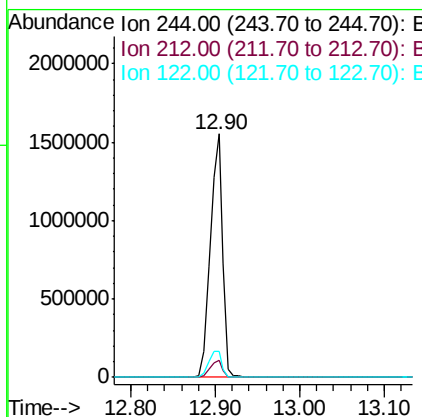
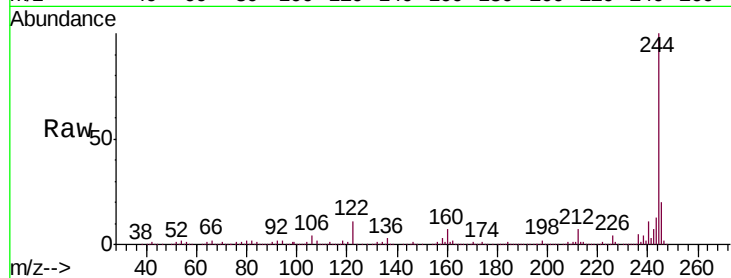




#79
 Terphenyl-d14
 Concen: 96.065 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BL

Tgt Ion:244 Resp: 1606285
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.9 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116426.D
 Acq: 20 Aug 2019 11:17

Tgt Ion:264 Resp: 323861
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 21.3 17.4 26.0

