

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116188.D
 Acq On : 12 Aug 2019 13:32
 Operator : HP/JU
 Sample : PB122127BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BL

Quant Time: Aug 12 15:23:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136149	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	533962	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	293758	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	548513	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	419524	20.00	ng	-0.01
87) Perylene-d12	15.47	264	381302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	972417	119.57	ng	0.00
7) Phenol-d6	6.47	99	1276174	124.37	ng	-0.01
23) Nitrobenzene-d5	7.40	82	839102	90.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	372130	130.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1502053	95.77	ng	-0.02
79) Terphenyl-d14	12.94	244	1765679	88.69	ng	-0.01

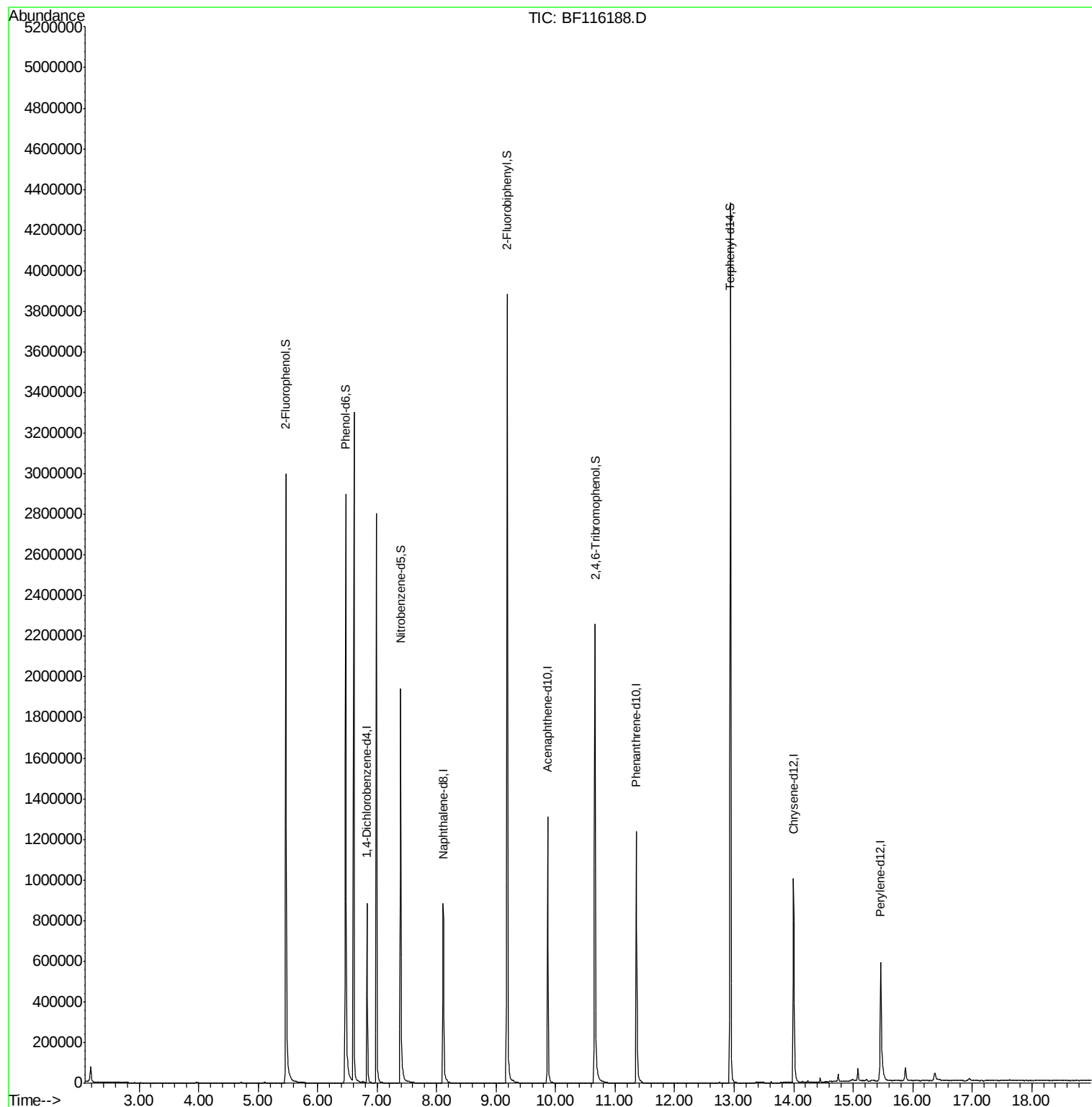
Target Compounds Qvalue

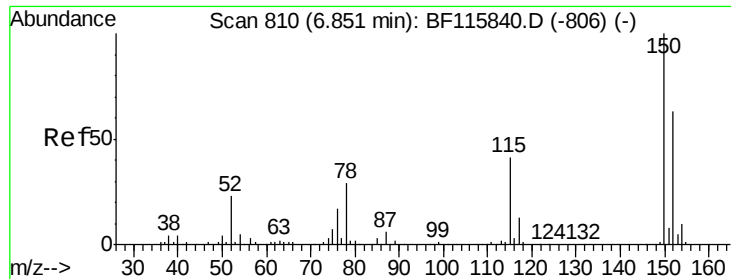
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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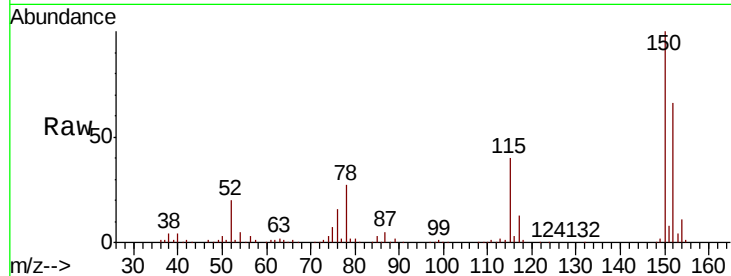


#1

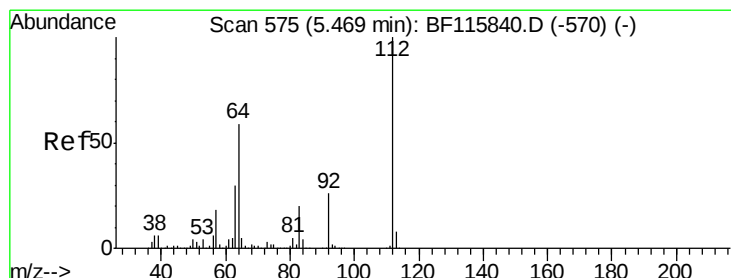
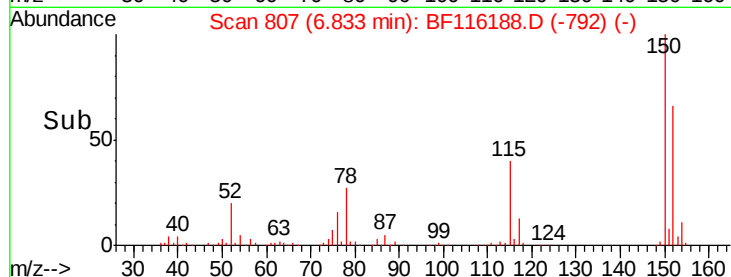
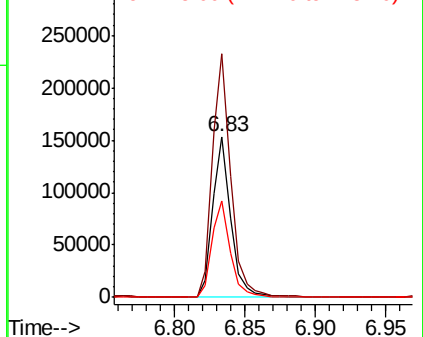
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122127BL

Tot Ion:152 Resp: 136149
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.2
115 59.9 49.9 74.9



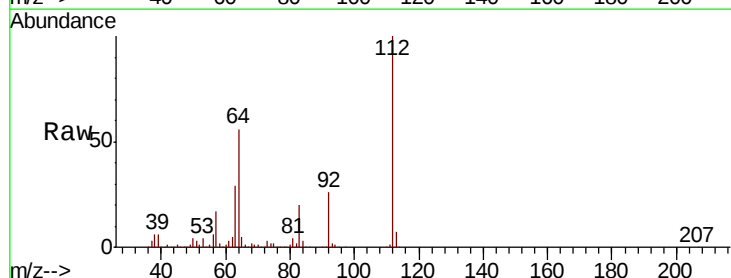
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



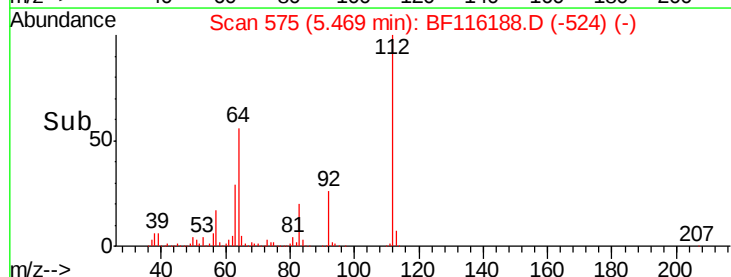
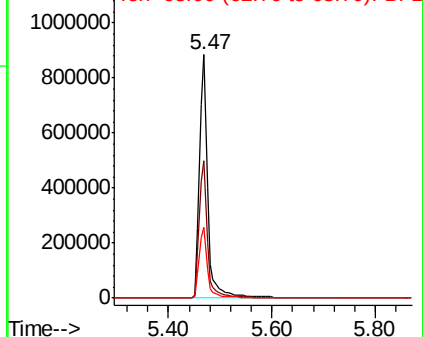
#5

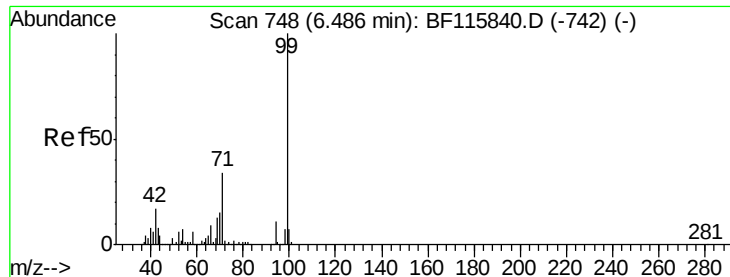
2-Fluorophenol
Concen: 119.567 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116188.D
Acq: 12 Aug 2019 13:32

Tgt Ion:112 Resp: 972417
Ion Ratio Lower Upper
112 100
64 56.4 45.4 68.2
63 29.3 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: 124.371 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

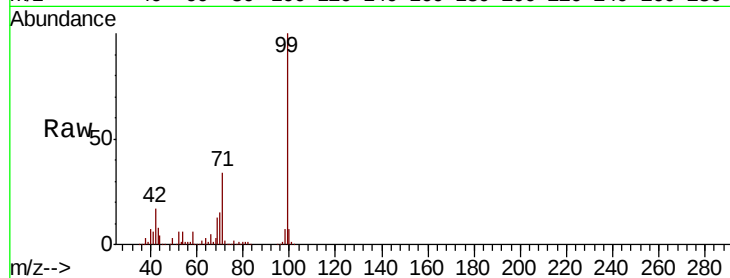
Tot Ion: 99 Resp: 1276174

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

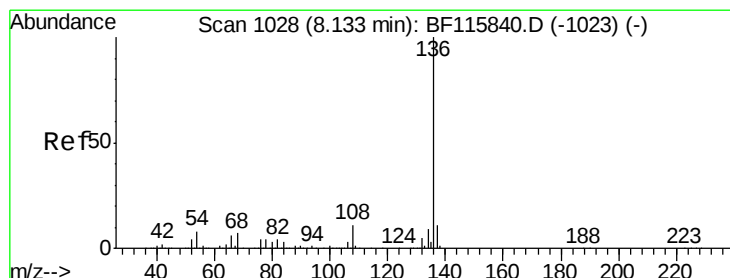
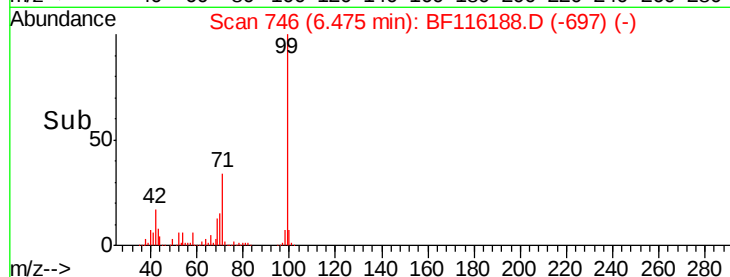
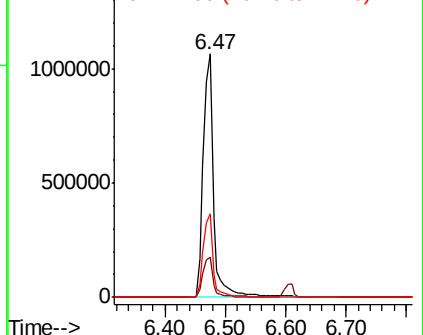
71 34.2 27.3 40.9



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Tgt Ion: 136 Resp: 533962

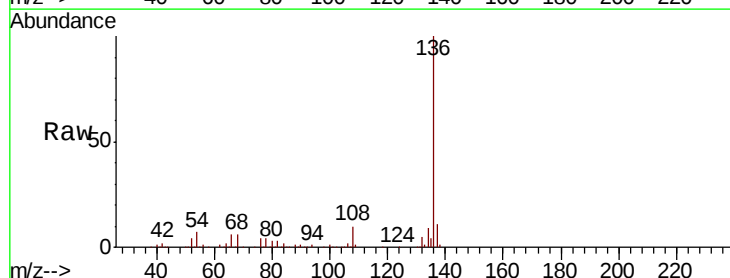
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 5.8 8.6

68 6.3 5.2 7.8

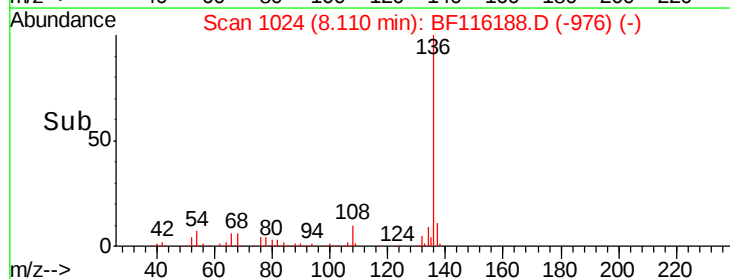
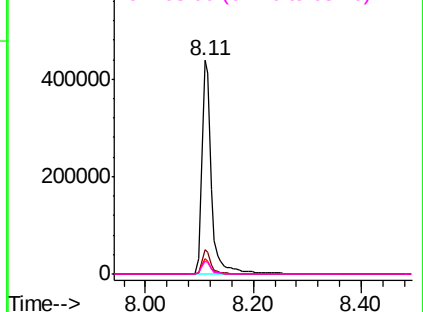


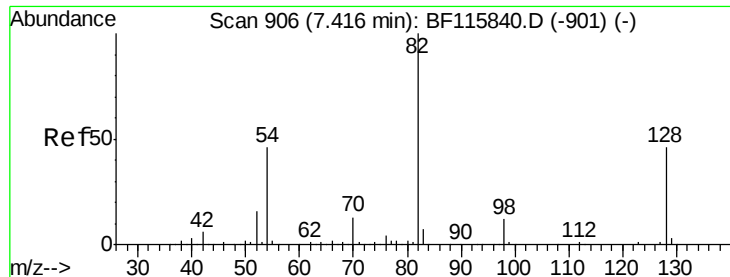
Abundance Ion 136.00 (135.70 to 136.70): E

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

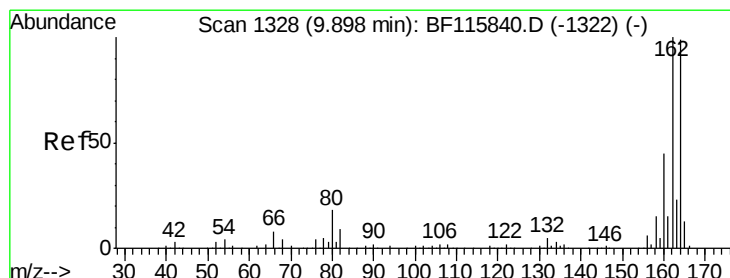
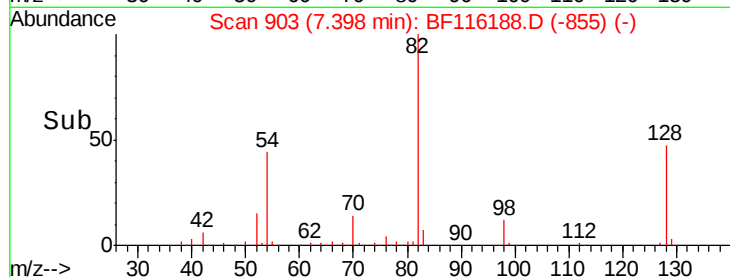
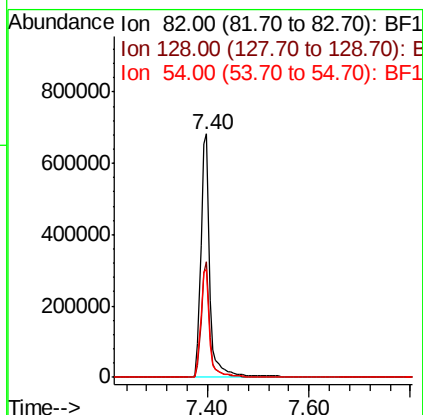
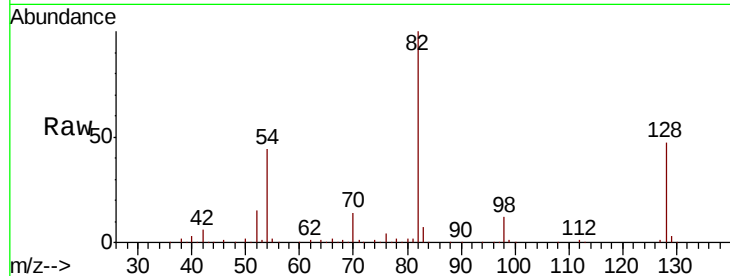




#23
 Nitrobenzene-d5
 Concen: 90.710 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

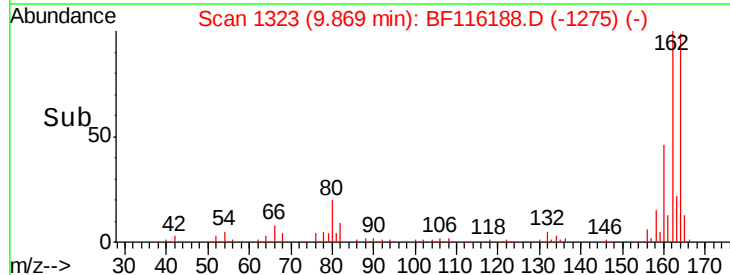
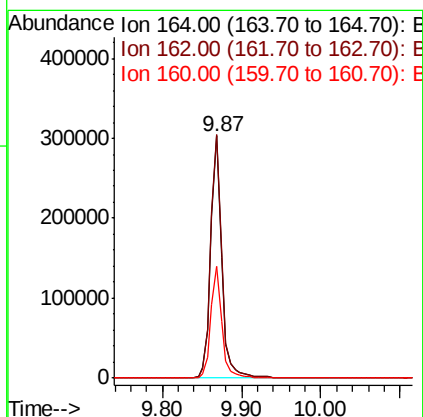
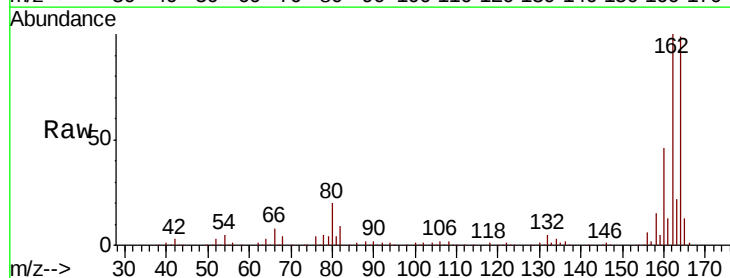
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BL

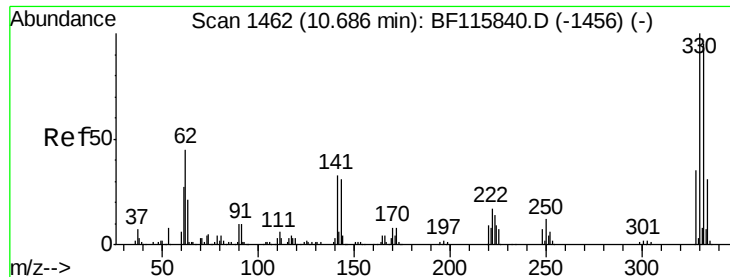
Tot Ion: 82 Resp: 839102
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 44.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

Tgt Ion: 164 Resp: 293758
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 130.661 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

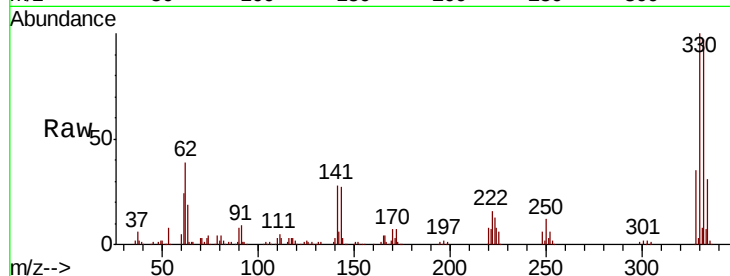
Tot Ion:330 Resp: 372130

Ion Ratio Lower Upper

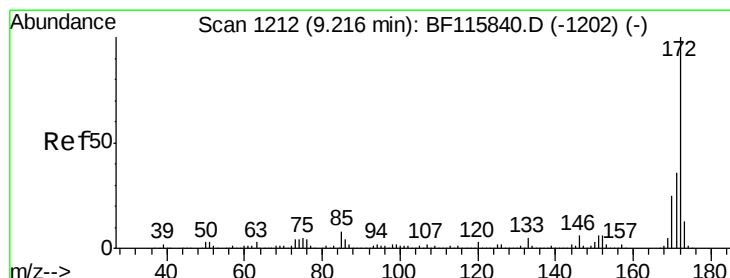
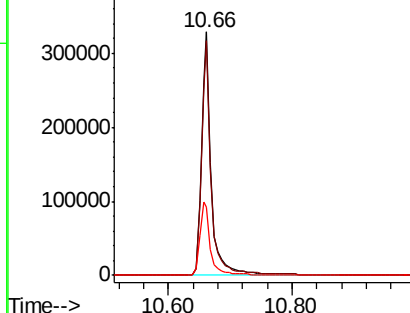
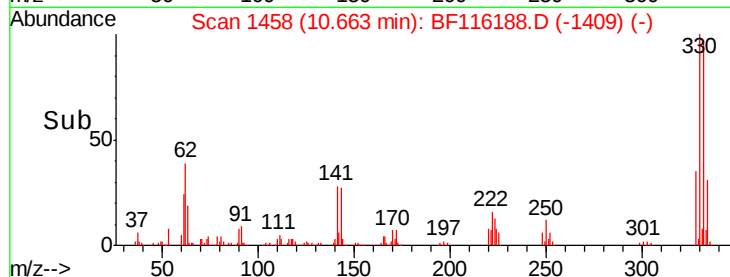
330 100

332 96.4 76.8 115.2

141 32.7 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: 95.775 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

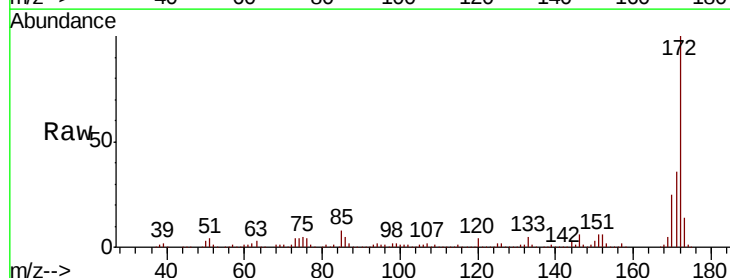
Tgt Ion:172 Resp: 1502053

Ion Ratio Lower Upper

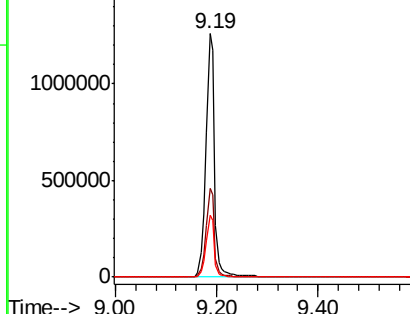
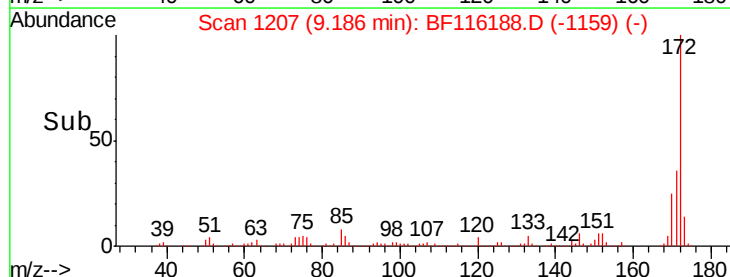
172 100

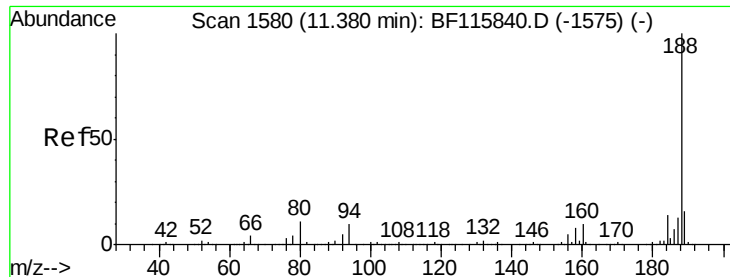
171 36.2 29.6 44.4

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

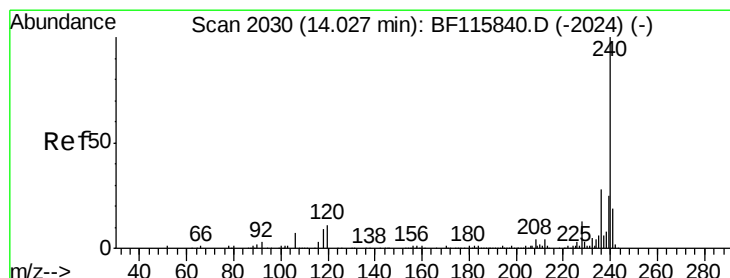
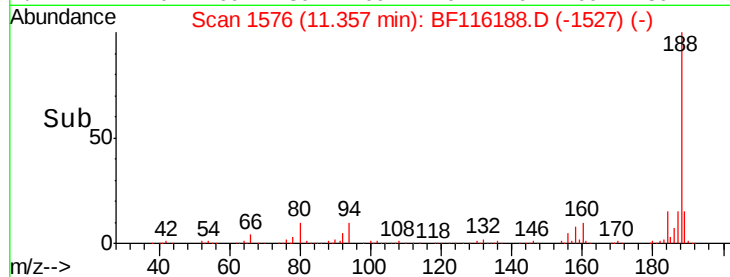
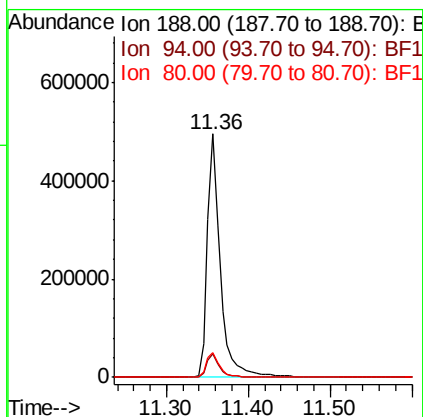
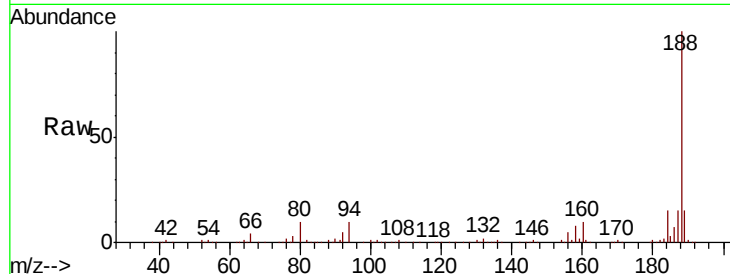




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

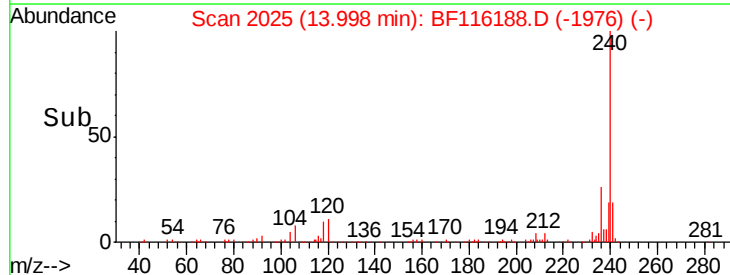
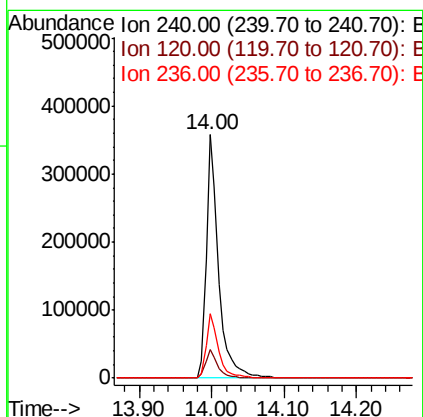
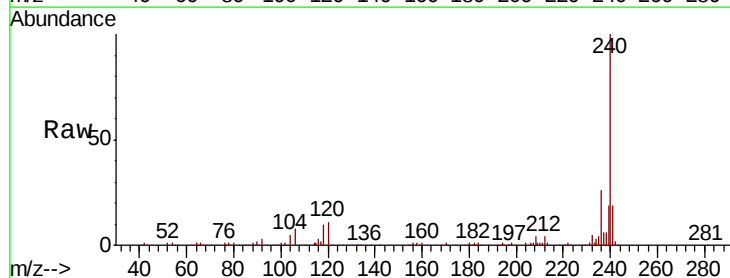
Instrument :
 BNA_F
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 PB122127BL

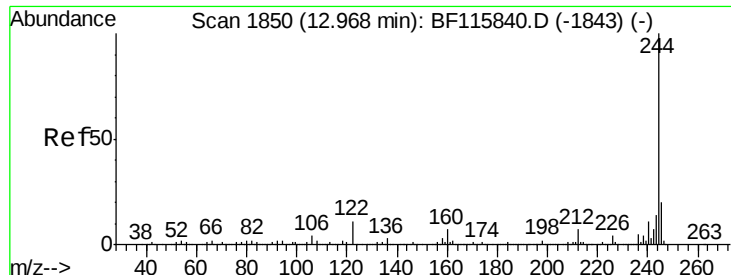
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.1	8.7	13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116188.D
 Acq: 12 Aug 2019 13:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	26.5	22.2	33.2





#79

Terphenyl-d14

Concen: 88.686 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122127BL

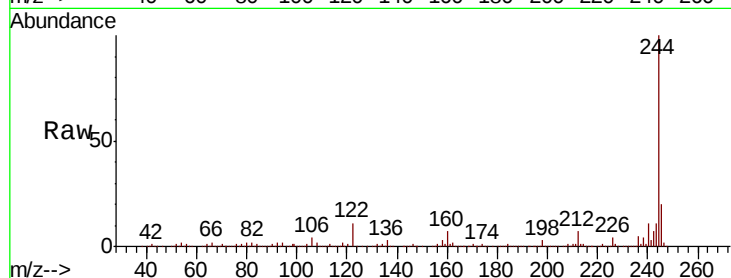
Tot Ion:244 Resp: 1765679

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

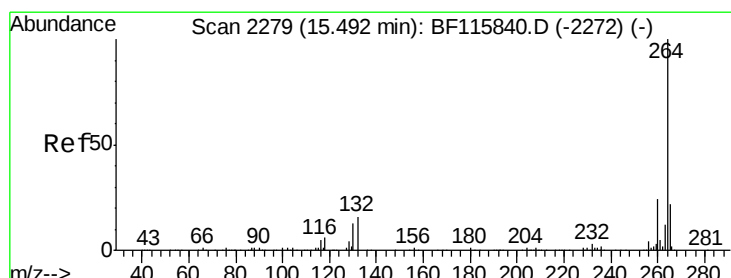
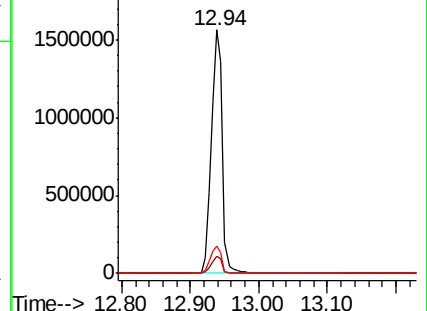
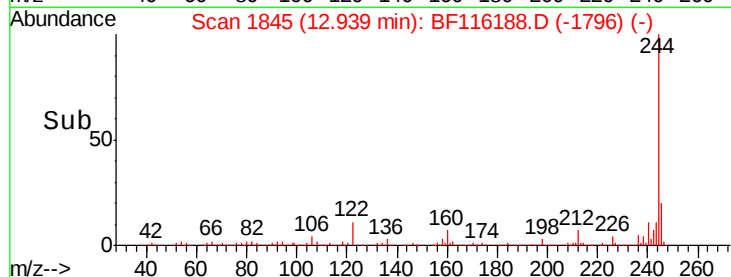
122 11.4 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116188.D

Acq: 12 Aug 2019 13:32

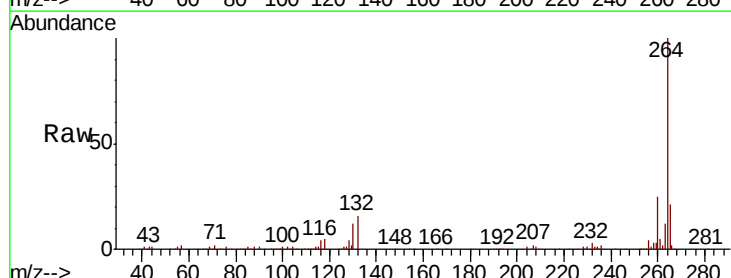
Tgt Ion:264 Resp: 381302

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.1 17.4 26.0



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

