

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116430.D
 Acq On : 20 Aug 2019 13:05
 Operator : HP/JU
 Sample : PB122321BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BL

Quant Time: Aug 20 15:34:47 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	131129	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	499503	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	264394	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	466552	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	342349	20.00	ng	-0.02
87) Perylene-d12	15.42	264	310540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	970115	123.85	ng	0.00
7) Phenol-d6	6.46	99	1250254	126.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	794074	91.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	315296	123.00	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1342215	95.09	ng	-0.01
79) Terphenyl-d14	12.90	244	1531462	94.26	ng	-0.01

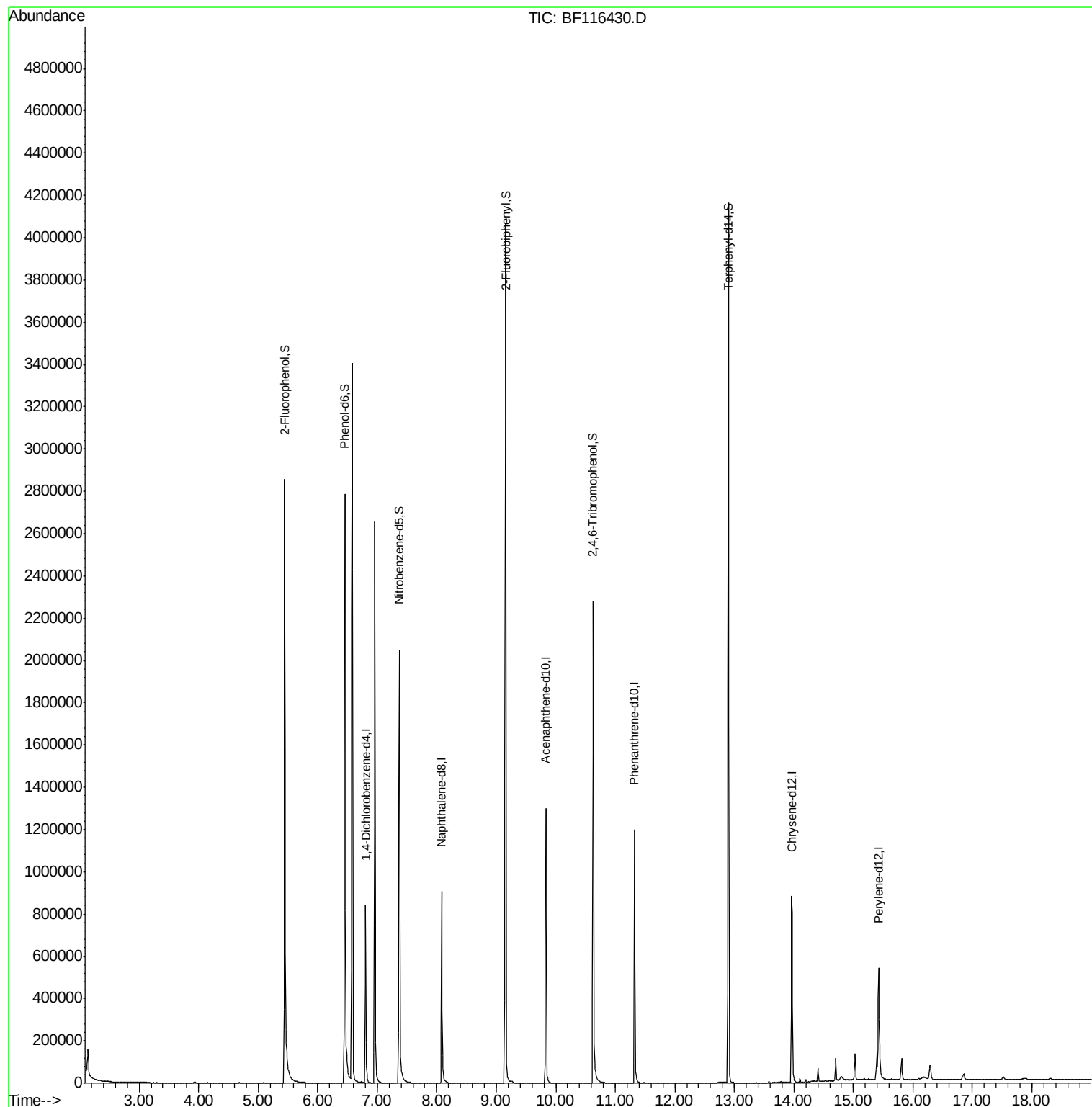
Target Compounds	Qvalue
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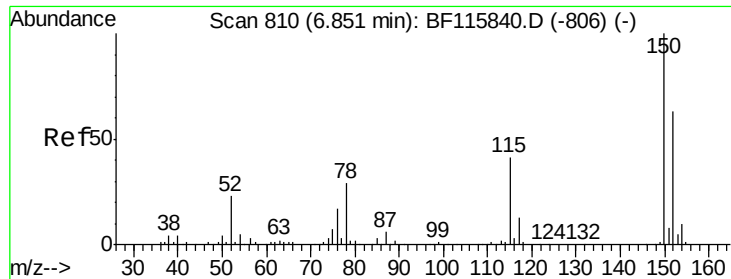
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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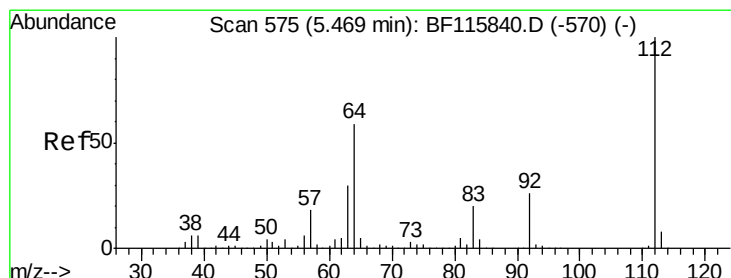
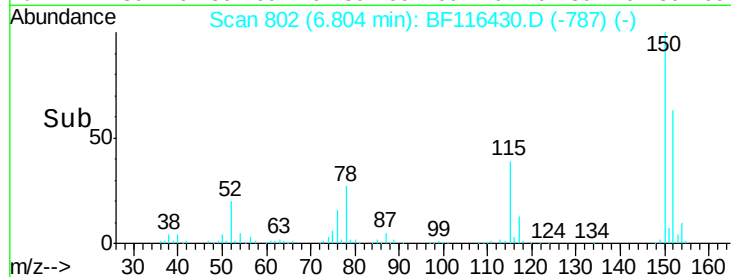
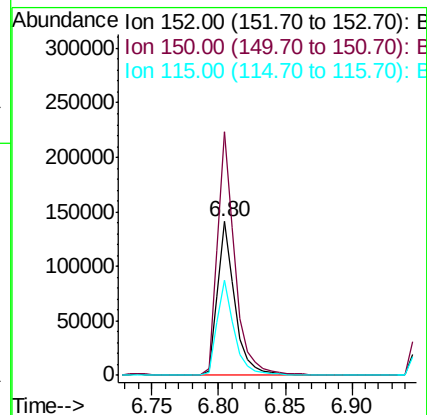
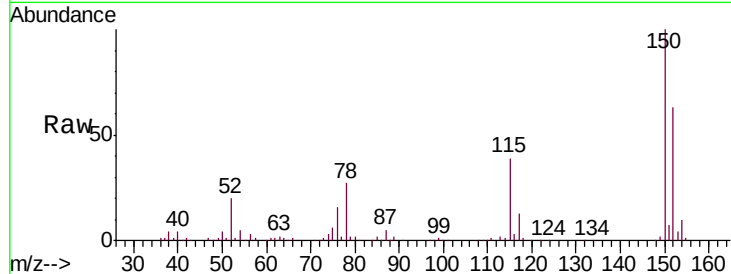


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122321BL

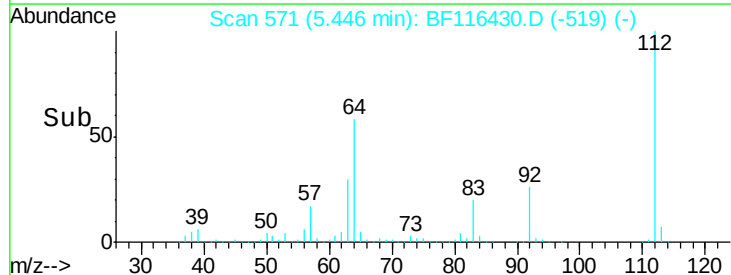
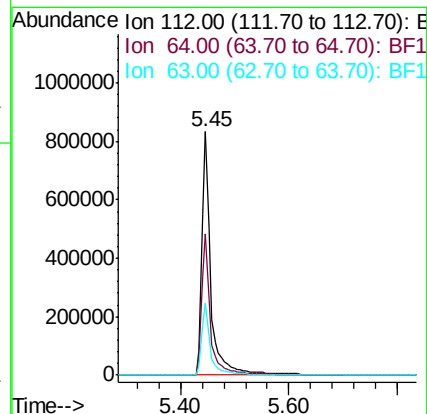
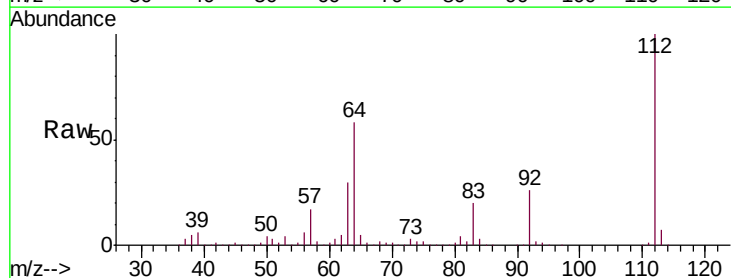
Tgt Ion:152 Resp: 131129
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 61.6 49.9 74.9

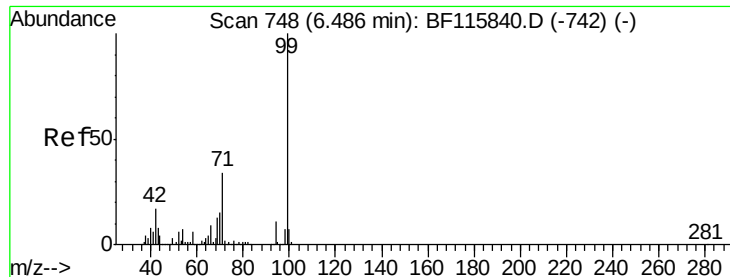


#5

2-Fluorophenol
Concen: 123.850 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Tgt Ion:112 Resp: 970115
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 126.509 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122321BL

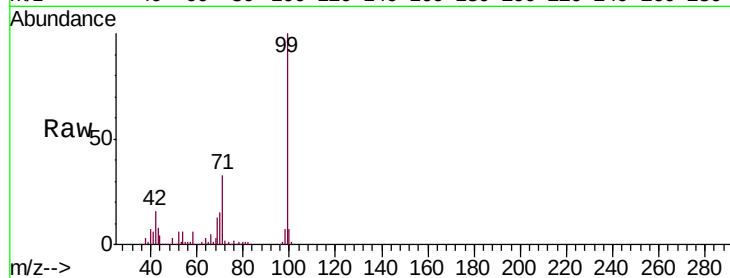
Tgt Ion: 99 Resp: 1250254

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

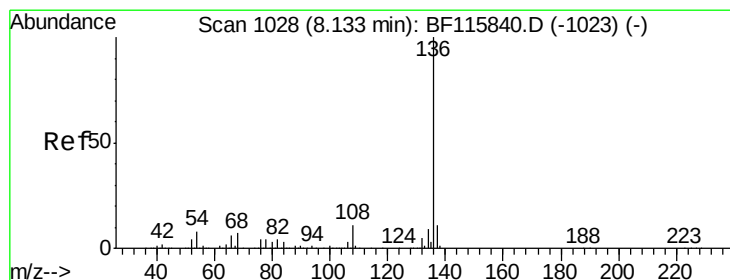
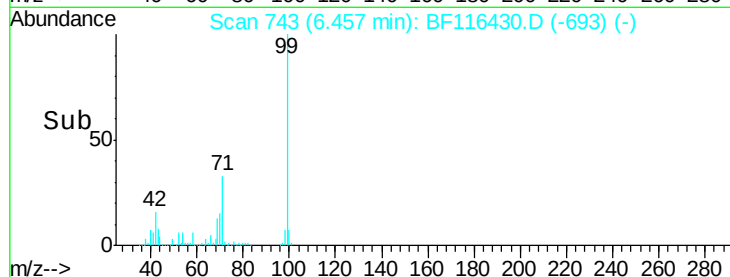
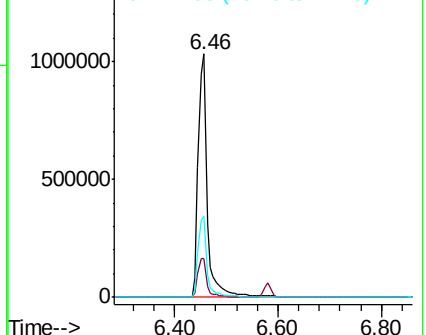
71 33.5 27.3 40.9



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: BF116430.D

Acq: 20 Aug 2019 13:05

Tgt Ion: 136 Resp: 499503

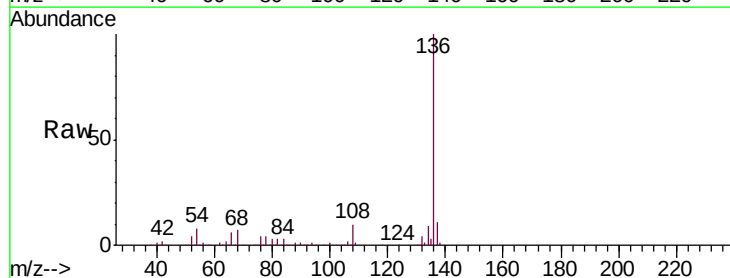
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.8 5.8 8.6

68 6.8 5.2 7.8

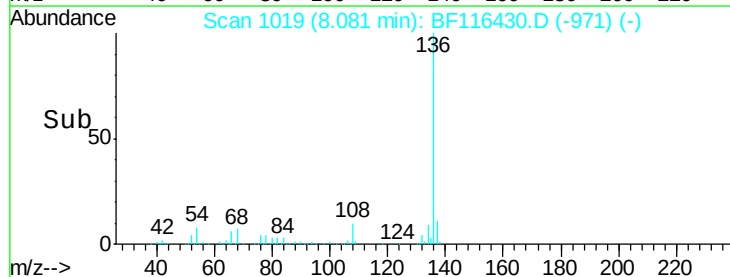
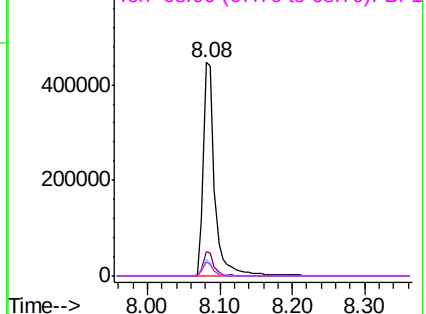


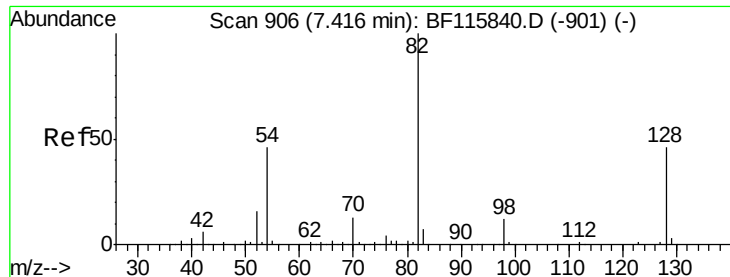
Abundance Ion 136.00 (135.70 to 136.70): E

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

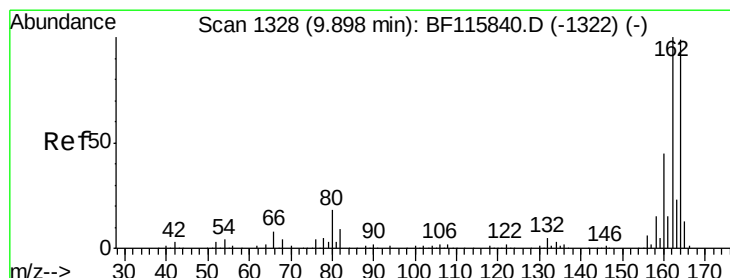
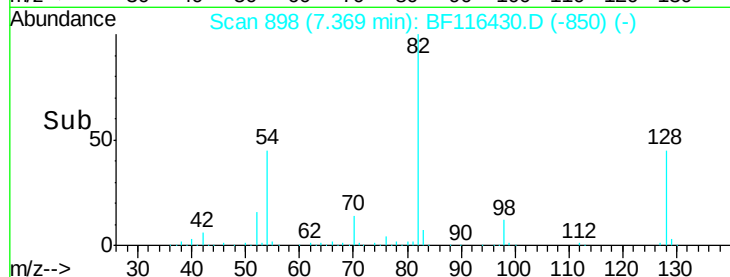
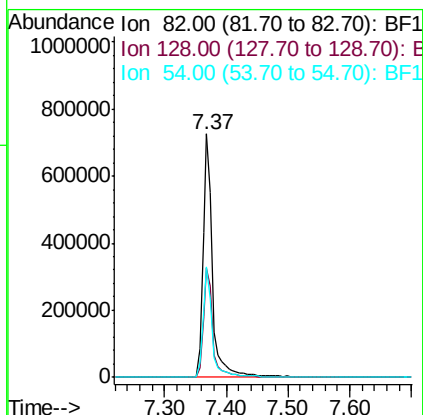
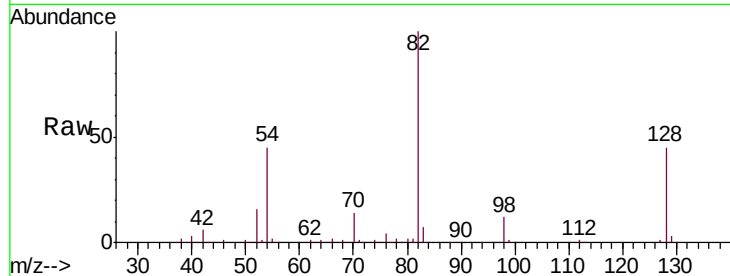




#23
 Nitrobenzene-d5
 Concen: 91.764 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

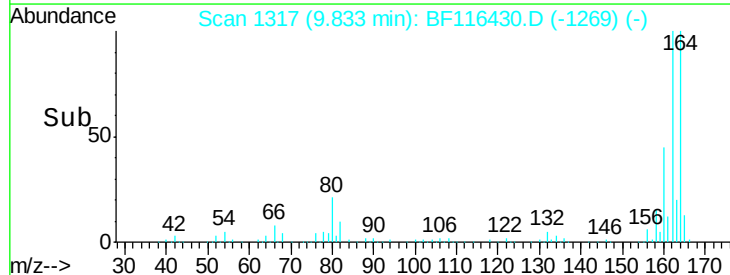
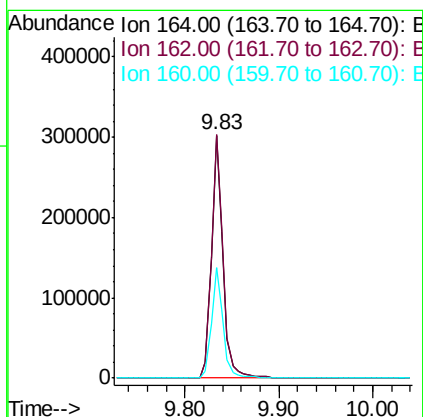
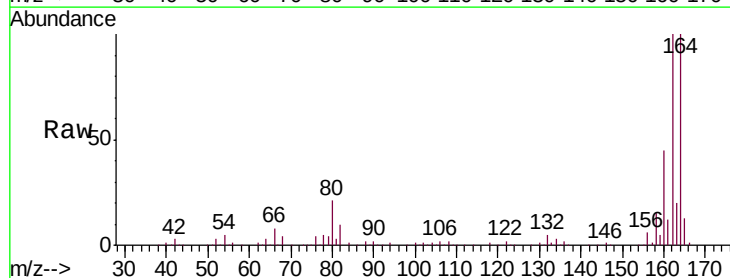
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BL

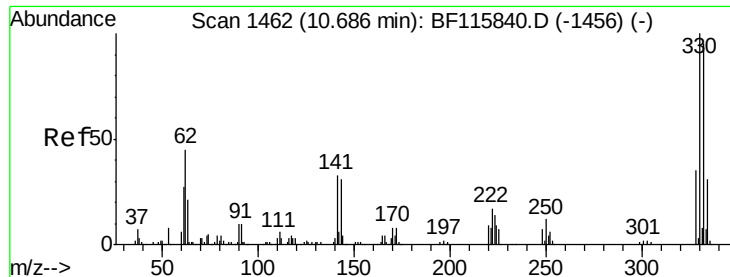
Tgt Ion: 82 Resp: 794074
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 45.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

Tgt Ion: 164 Resp: 264394
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 124.0
 160 45.5 37.6 56.4

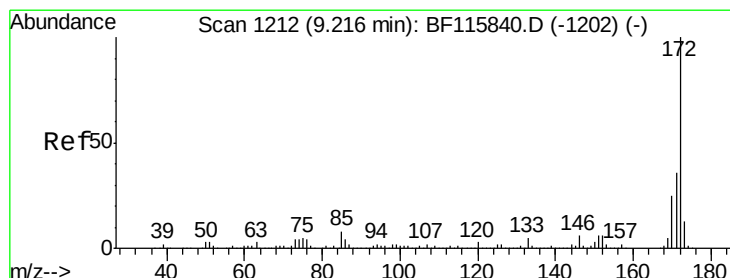
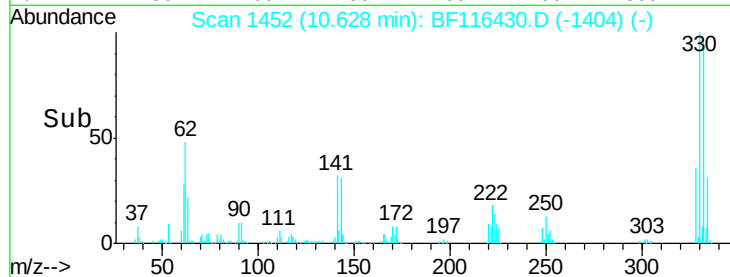
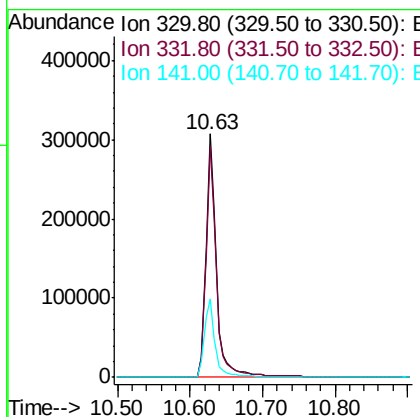
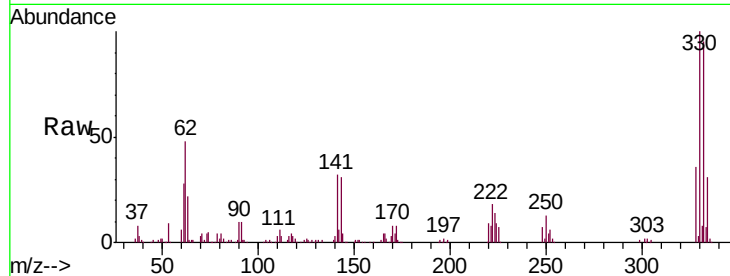




#42
 2,4,6-Tribromophenol
 Concen: 123.000 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

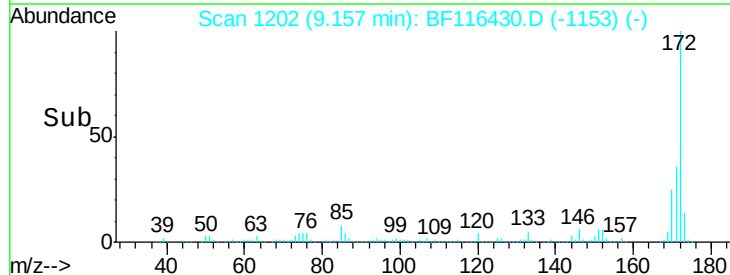
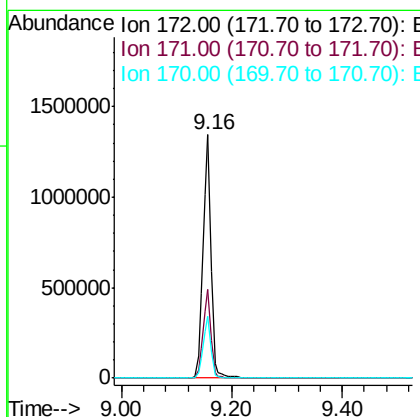
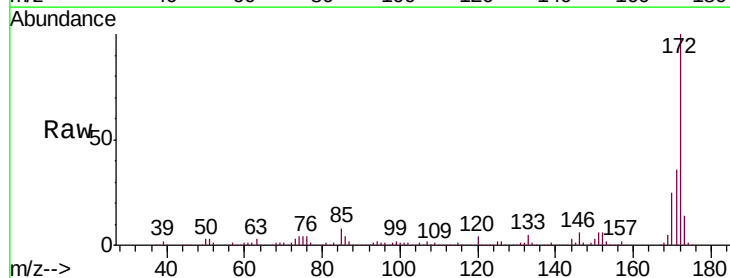
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BL

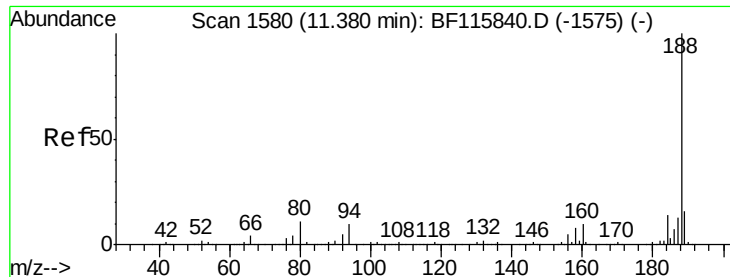
Tgt Ion:330 Resp: 315296
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 33.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 95.088 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

Tgt Ion:172 Resp: 1342215
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122321BL

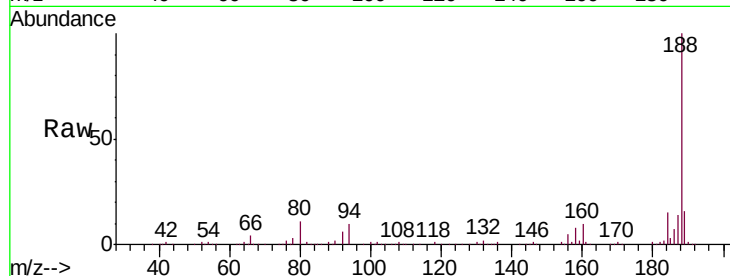
Tgt Ion:188 Resp: 466552

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

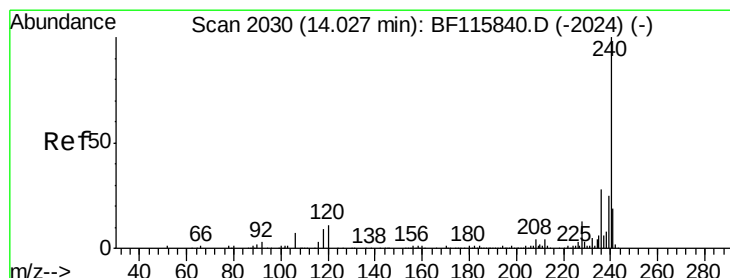
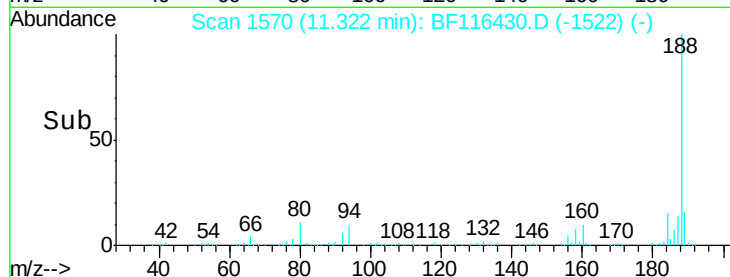
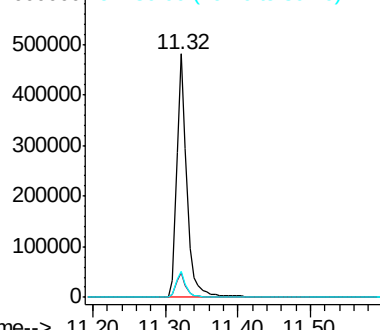
80 10.9 8.7 13.1



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: BF116430.D

Acq: 20 Aug 2019 13:05

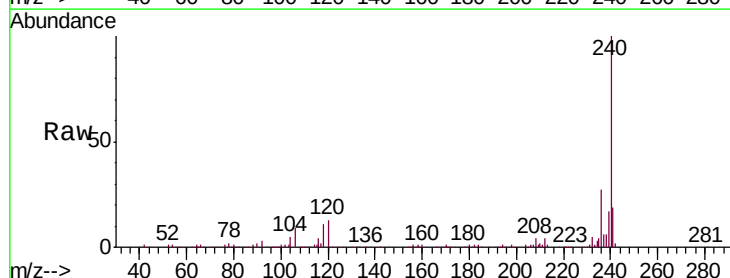
Tgt Ion:240 Resp: 342349

Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

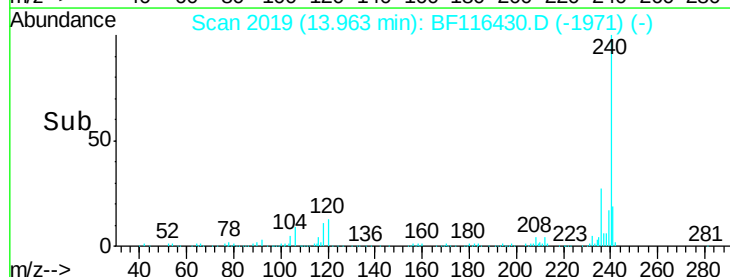
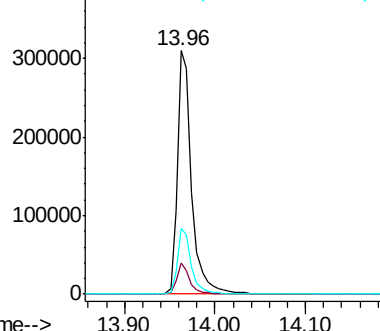
236 27.2 22.2 33.2

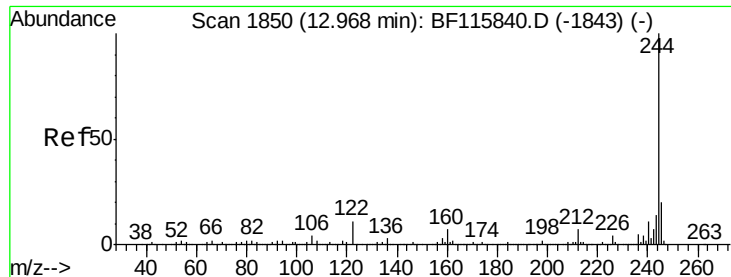


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.262 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122321BL

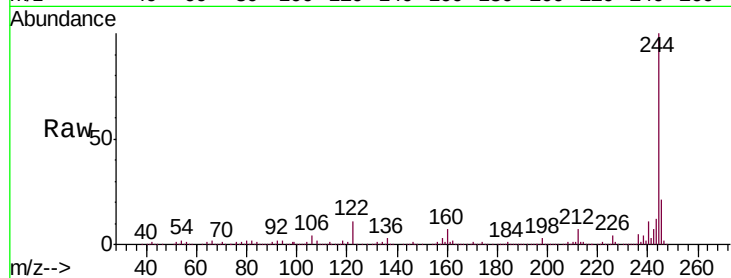
Tgt Ion:244 Resp: 1531462

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.1 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

2000000

1500000

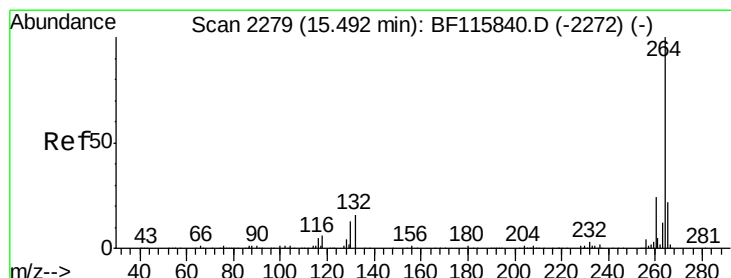
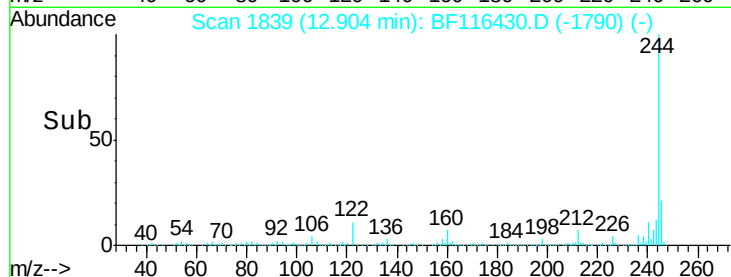
1000000

500000

0

12.90

Time--> 12.80 12.90 13.00



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

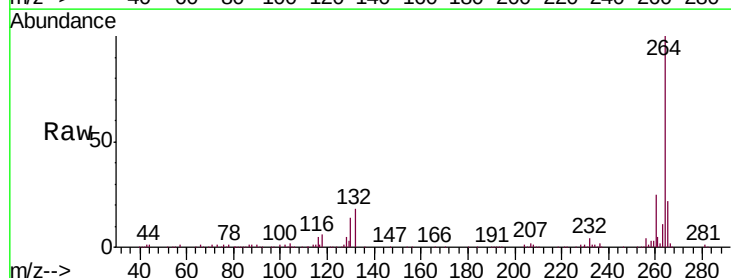
Tgt Ion:264 Resp: 310540

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.1 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

250000

200000

150000

100000

50000

0

15.42

Time--> 15.30 15.40 15.50 15.60

