

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116421.D
 Acq On : 20 Aug 2019 9:02
 Operator : HP/JU
 Sample : PB122344BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BL

Quant Time: Aug 20 15:15:39 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	136277	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	524125	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	277292	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482764	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	343845	20.00	ng	-0.02
87) Perylene-d12	15.42	264	343418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	976778	119.99	ng	0.00
7) Phenol-d6	6.46	99	1237014	120.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	801432	88.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	327462	121.80	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1360457	91.90	ng	-0.01
79) Terphenyl-d14	12.90	244	1509983	92.54	ng	-0.01

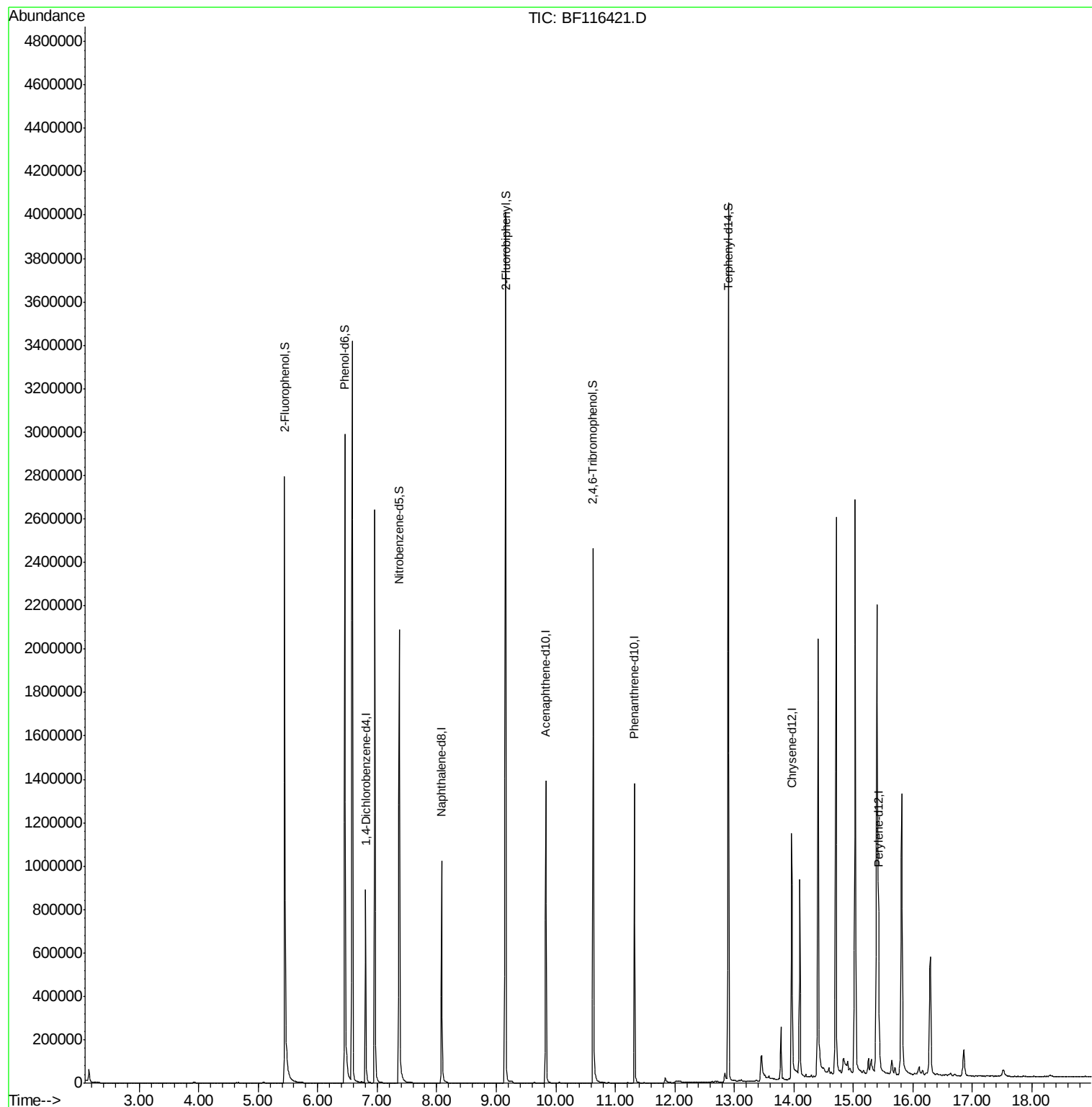
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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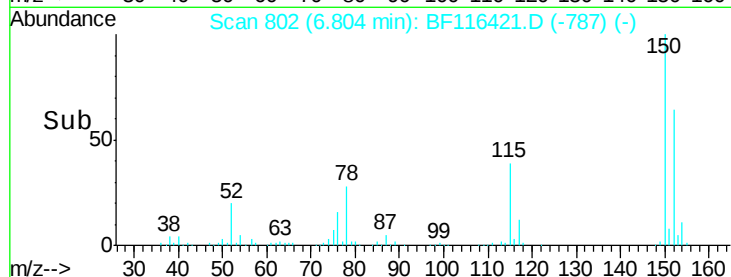
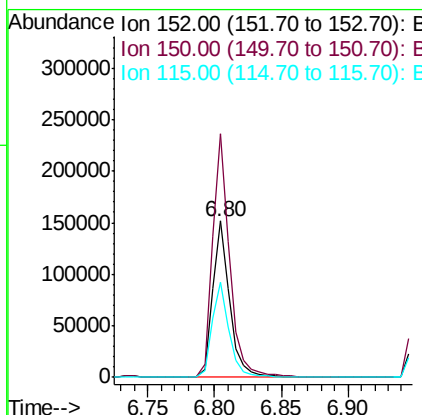
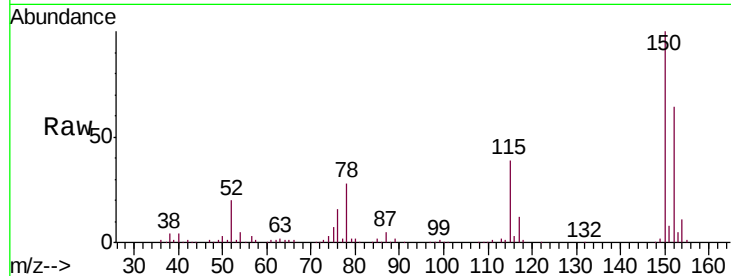


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BL

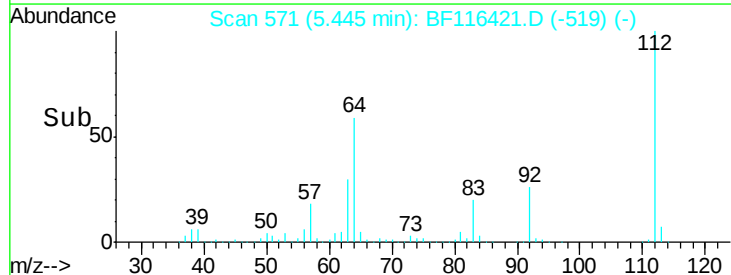
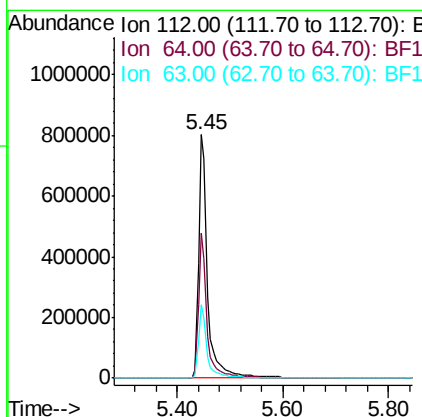
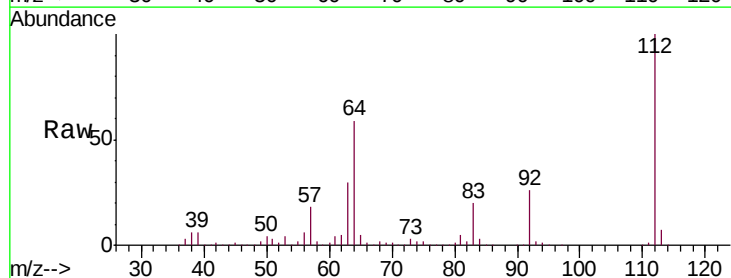
Tgt Ion:152 Resp: 136277
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 60.7 49.9 74.9



#5

2-Fluorophenol
 Concen: 119.990 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

Tgt Ion:112 Resp: 976778
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.4 68.2
 63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 120.441 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

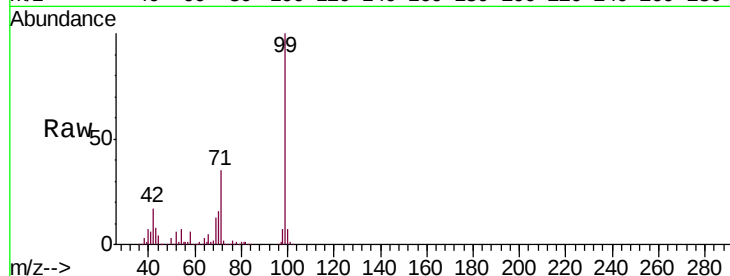
Tgt Ion: 99 Resp: 1237014

Ion Ratio Lower Upper

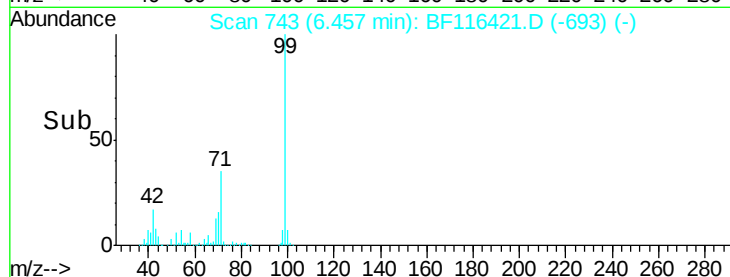
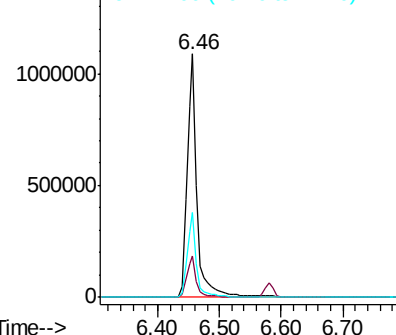
99 100

42 17.0 13.8 20.8

71 35.0 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: BF116421.D

Acq: 20 Aug 2019 9:02

Tgt Ion: 136 Resp: 524125

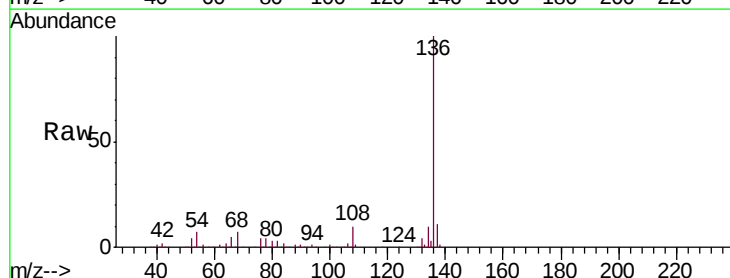
Ion Ratio Lower Upper

136 100

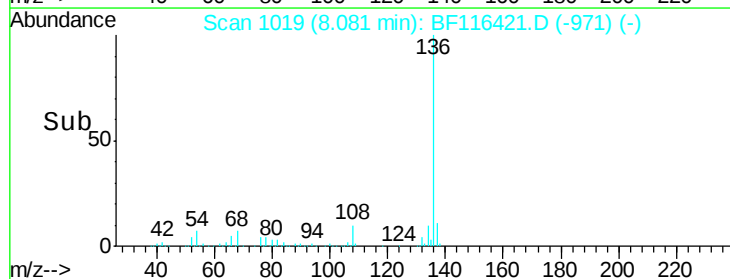
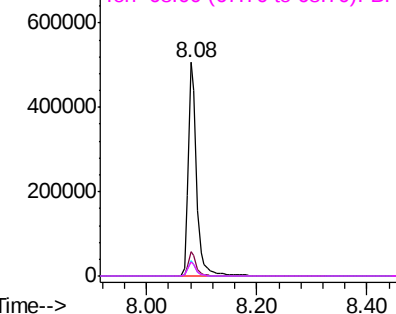
137 11.4 9.0 13.4

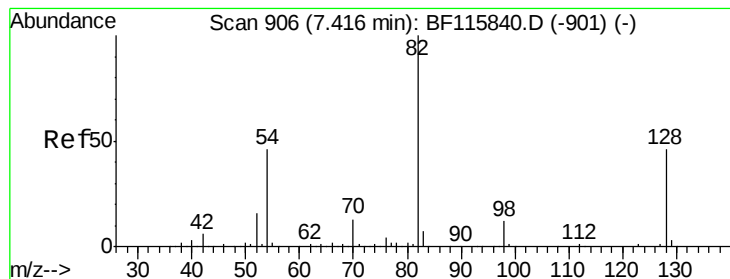
54 7.4 5.8 8.6

68 6.6 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: 88.264 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

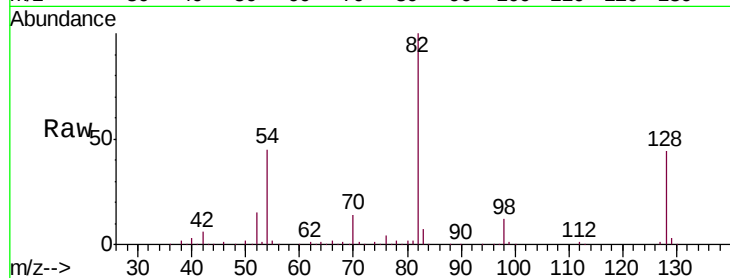
Tgt Ion: 82 Resp: 801432

Ion Ratio Lower Upper

82 100

128 44.3 36.5 54.7

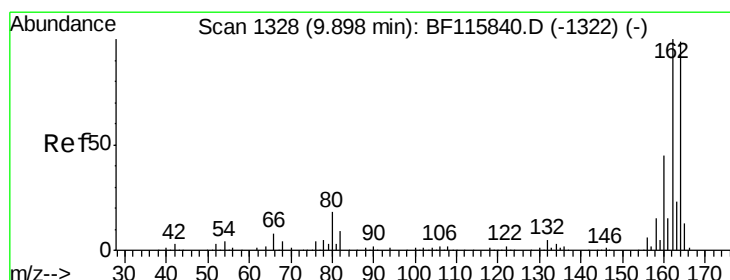
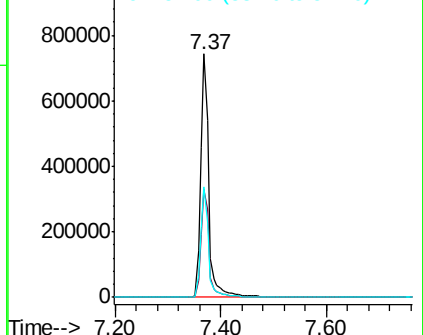
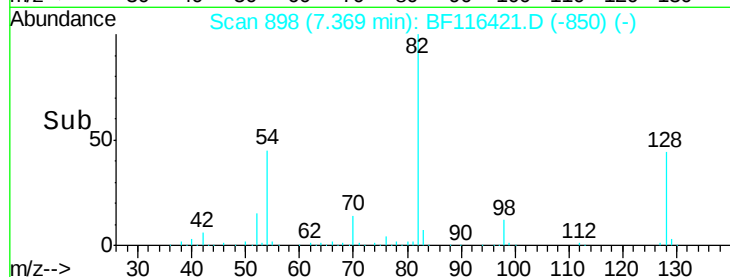
54 45.3 36.0 54.0



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: BF116421.D

Acq: 20 Aug 2019 9:02

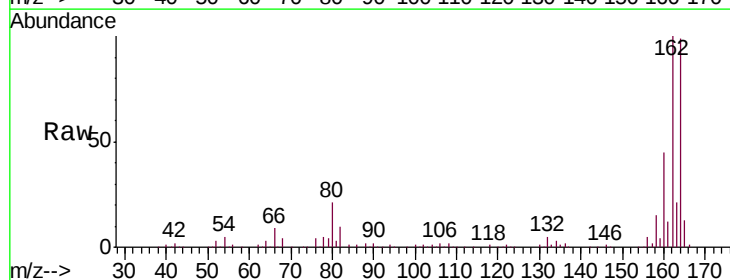
Tgt Ion: 164 Resp: 277292

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

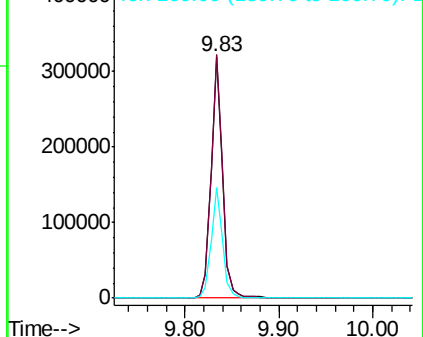
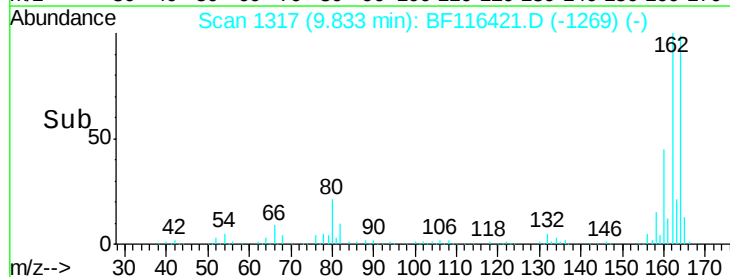
160 45.6 37.6 56.4



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

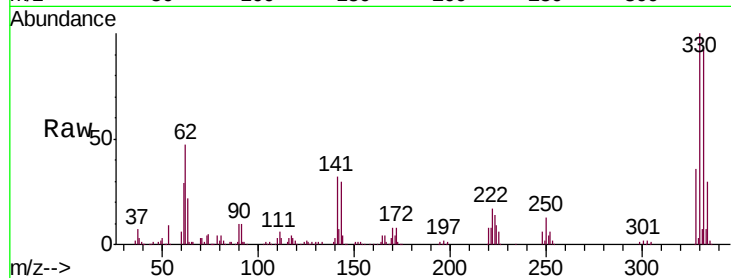




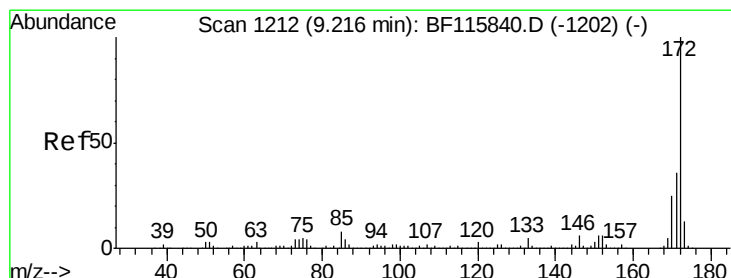
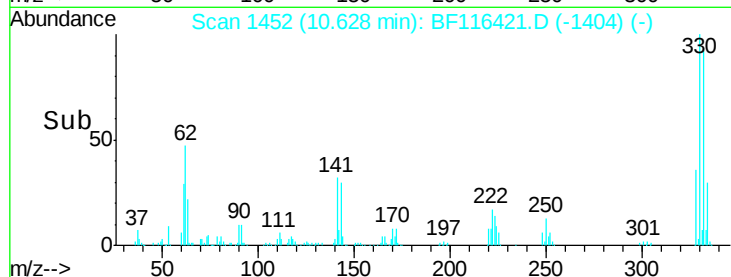
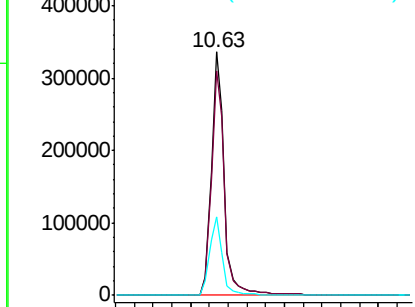
#42
 2,4,6-Tribromophenol
 Concen: 121.804 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.8	115.2
141	32.7	26.3	39.5

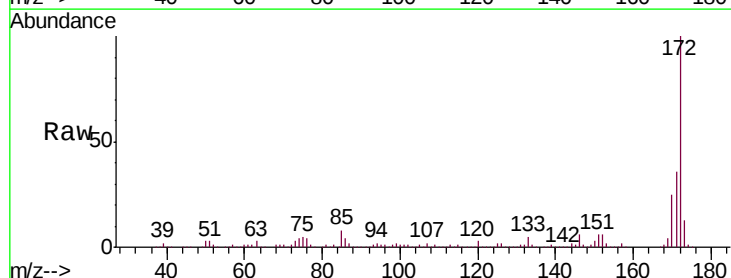


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

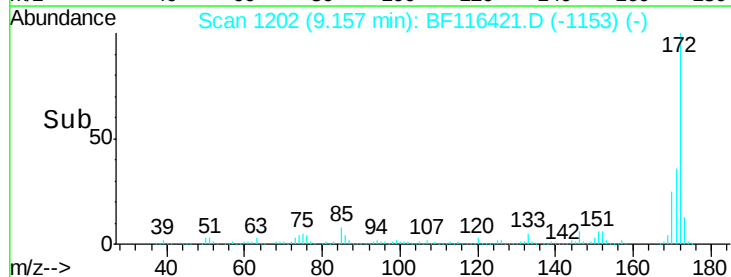
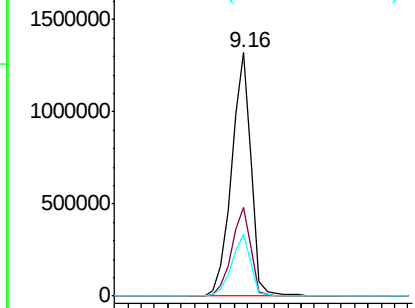


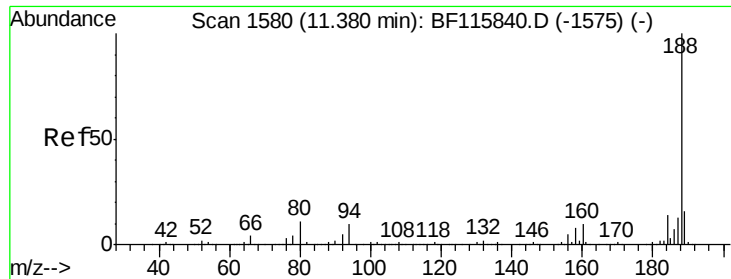
#45
 2-Fluorobiphenyl
 Concen: 91.897 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116421.D
 Acq: 20 Aug 2019 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.4	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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

BNA_F

ClientSampleId :

PB122344BL

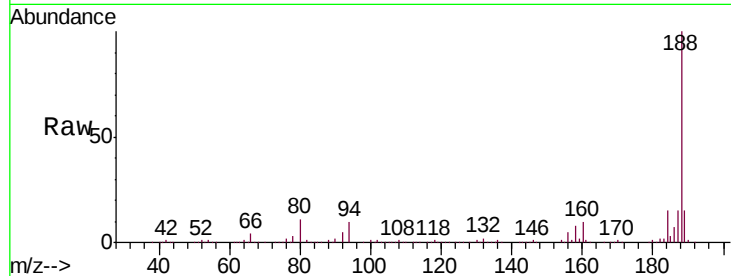
Tgt Ion:188 Resp: 482764

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

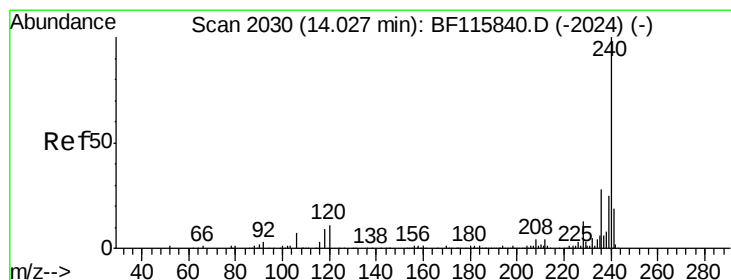
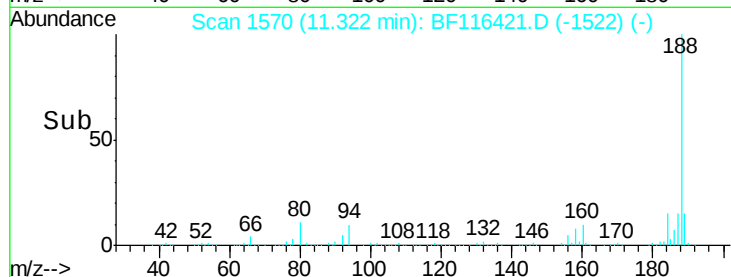
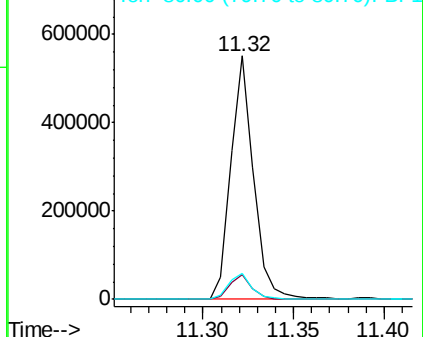
80 10.7 8.7 13.1



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: BF116421.D

Acq: 20 Aug 2019 9:02

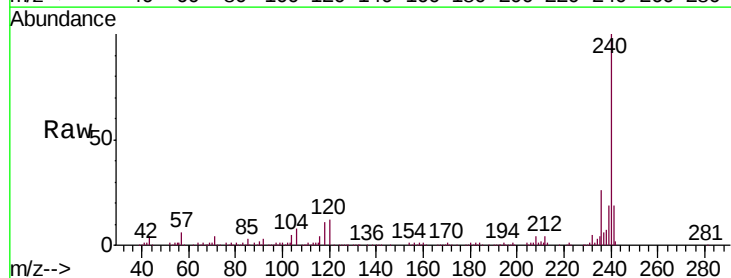
Tgt Ion:240 Resp: 343845

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

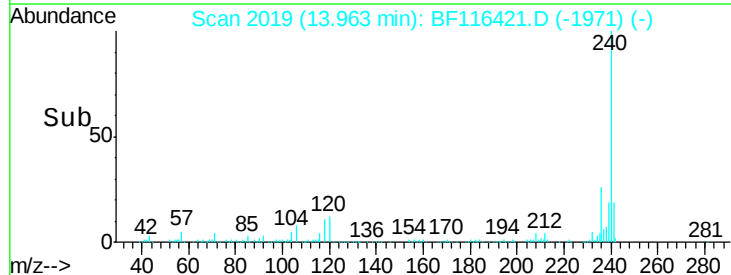
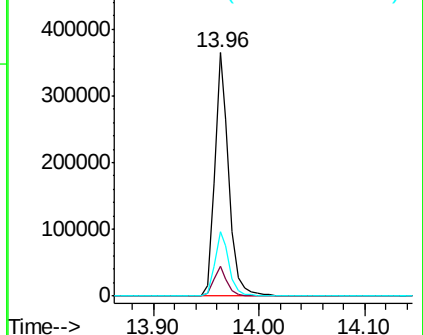
236 26.5 22.2 33.2

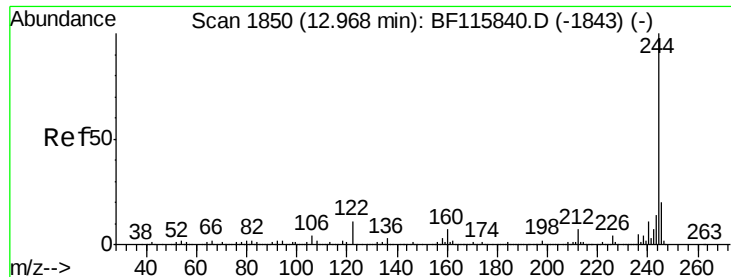


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.535 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

Instrument :

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PB122344BL

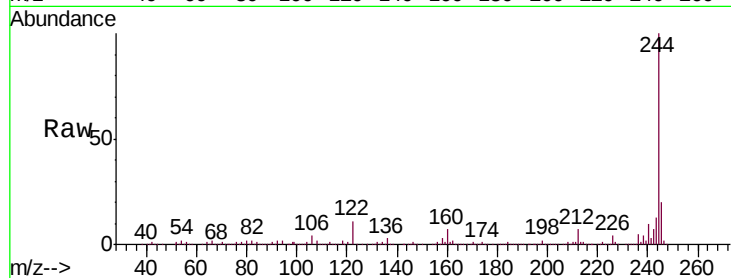
Tgt Ion:244 Resp: 1509983

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

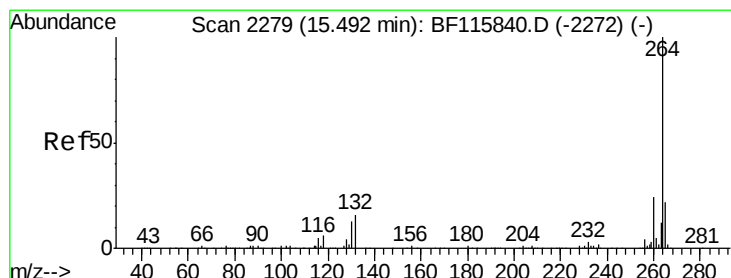
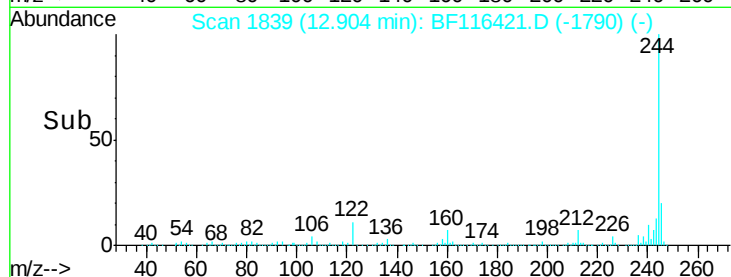
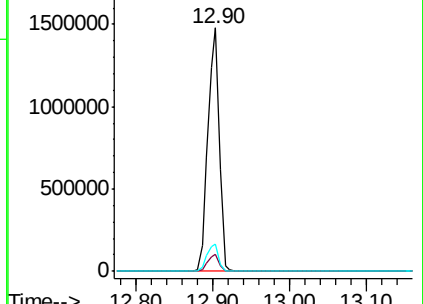
122 11.1 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116421.D

Acq: 20 Aug 2019 9:02

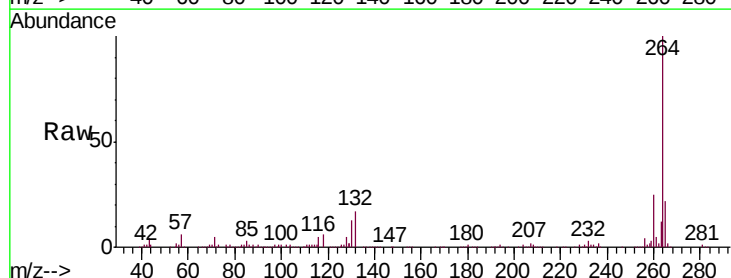
Tgt Ion:264 Resp: 343418

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.6 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

