

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116774.D
 Acq On : 3 Sep 2019 16:05
 Operator : HP/JU
 Sample : K4587-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-057

Quant Time: Sep 04 06:45:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

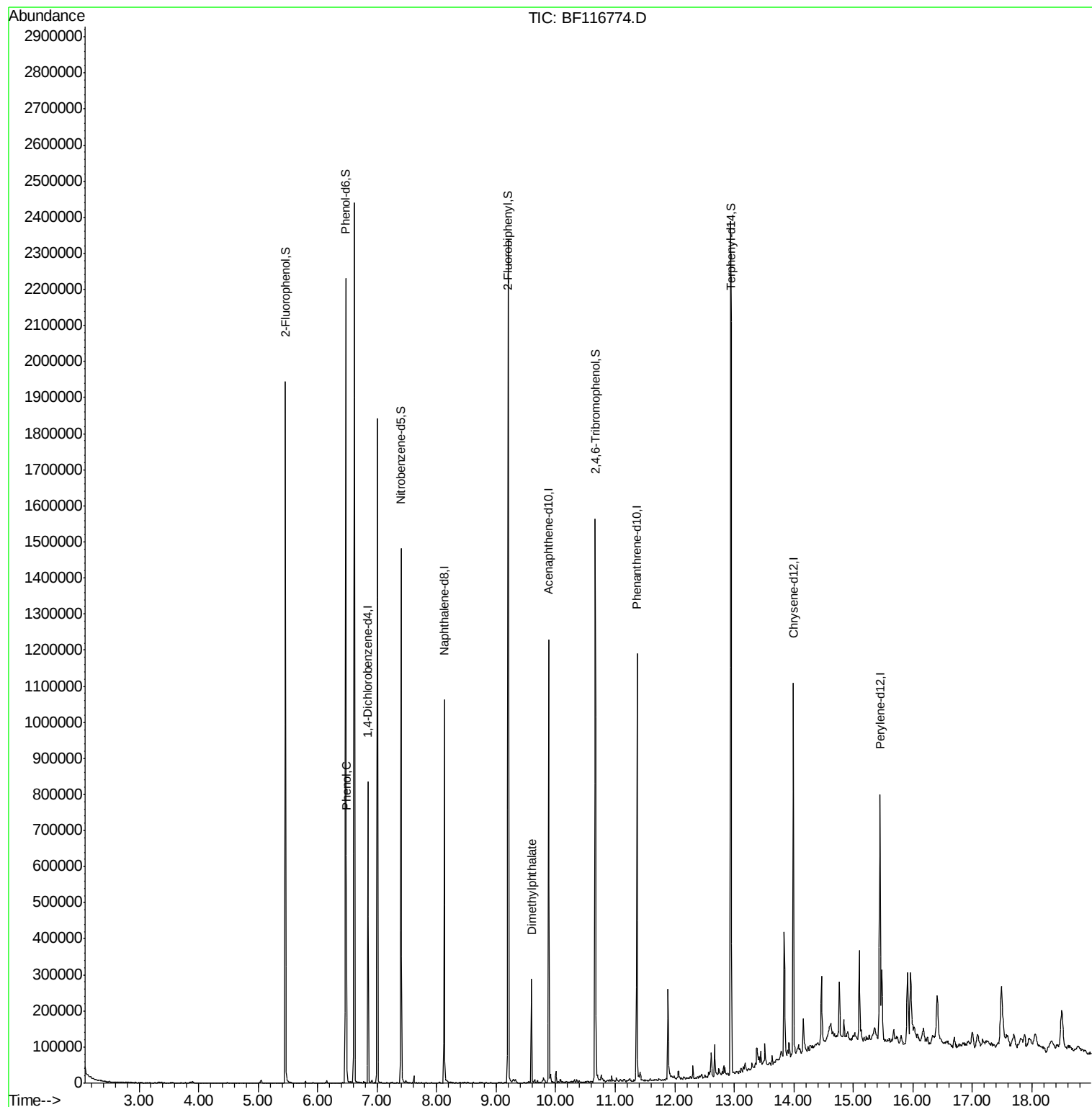
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112375	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	444390	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	231113	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	397873	20.00	ng	0.00
76) Chrysene-d12	13.99	240	306143	20.00	ng	0.00
87) Perylene-d12	15.44	264	299048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	586578	84.56	ng	0.00
7) Phenol-d6	6.47	99	786289	86.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	477619	61.36	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	160796	104.07	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	738035	53.87	ng	0.00
79) Terphenyl-d14	12.94	244	771944	46.65	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	48291	4.788	ng	88
50) Dimethylphthalate	9.59	163	107443	6.734	ng	100

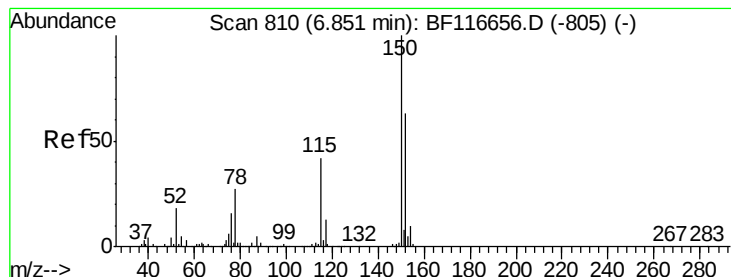
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 20:02:30 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-057

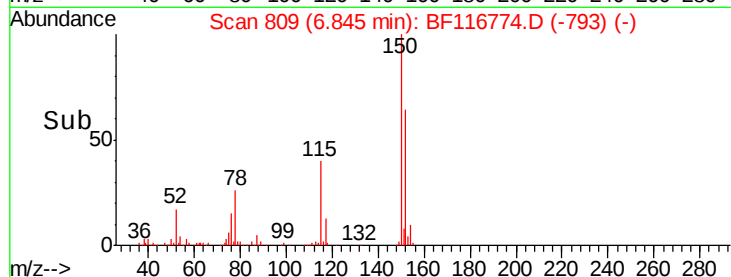
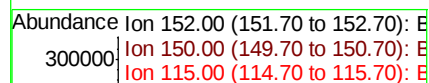
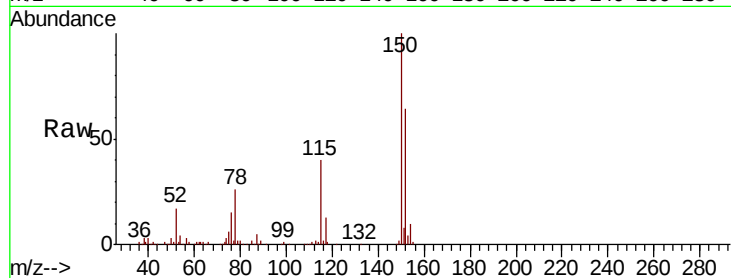
Tot Ion:152 Resp: 112375

Ion Ratio Lower Upper

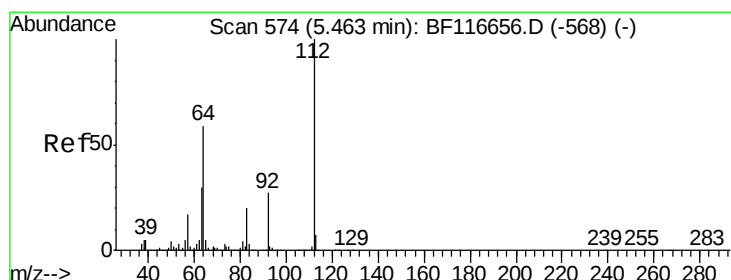
152 100

150 157.2 124.4 186.6

115 63.1 49.9 74.9



Time-->



#5

2-Fluorophenol

Concen: 84.564 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

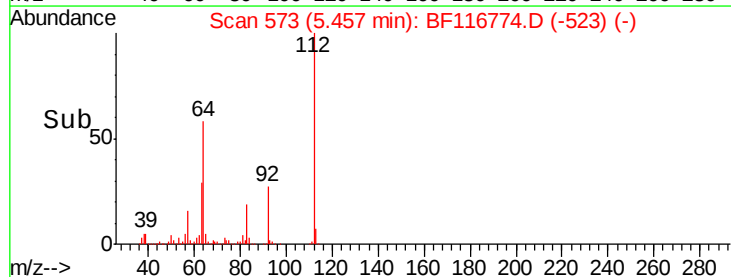
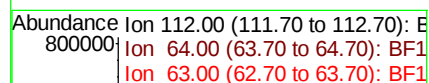
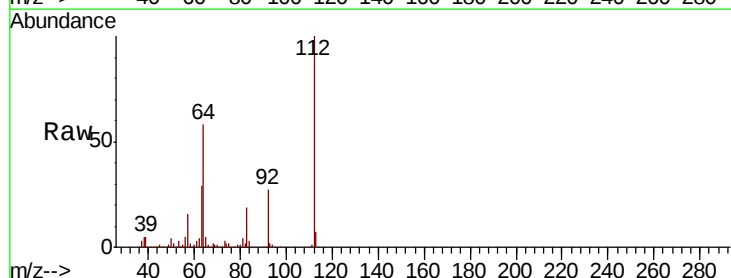
Tgt Ion:112 Resp: 586578

Ion Ratio Lower Upper

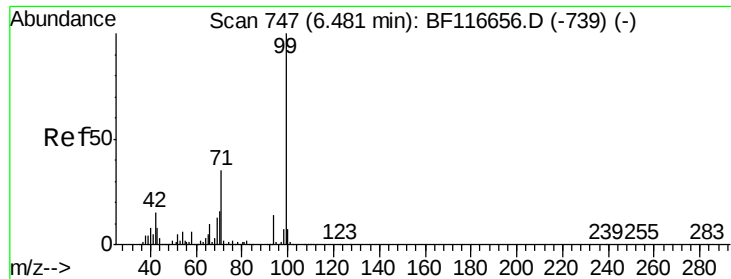
112 100

64 58.4 47.1 70.7

63 29.3 24.9 37.3



Time-->



#7

Phenol-d6

Concen: 86.326 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-057

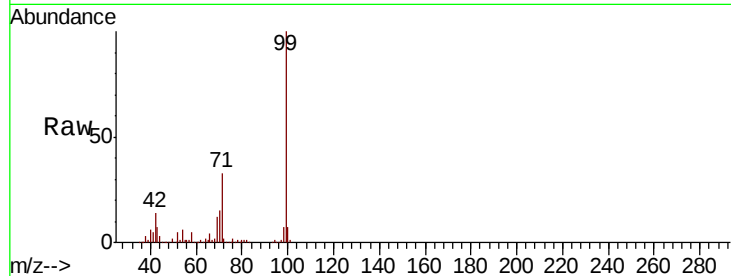
Tot Ion: 99 Resp: 786289

Ion Ratio Lower Upper

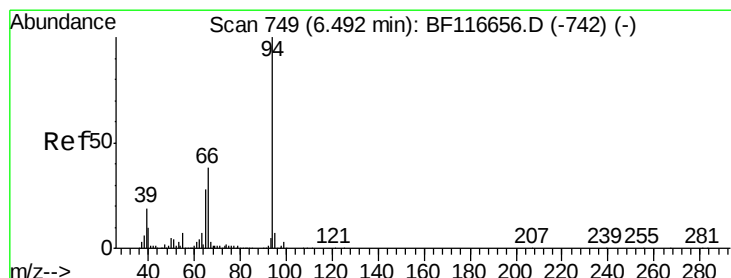
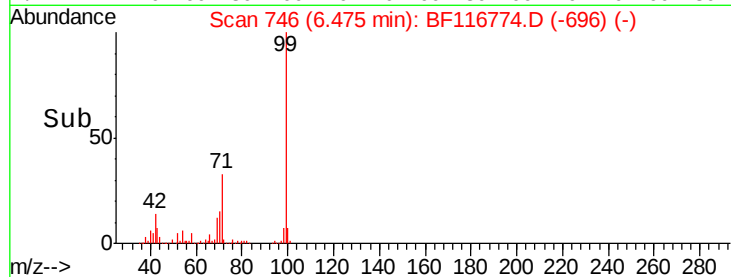
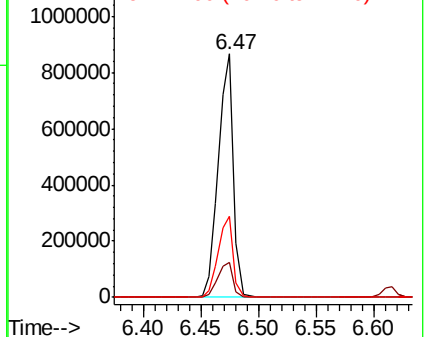
99 100

42 14.1 13.7 20.5

71 33.2 30.8 46.2



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



#10

Phenol

Concen: 4.788 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

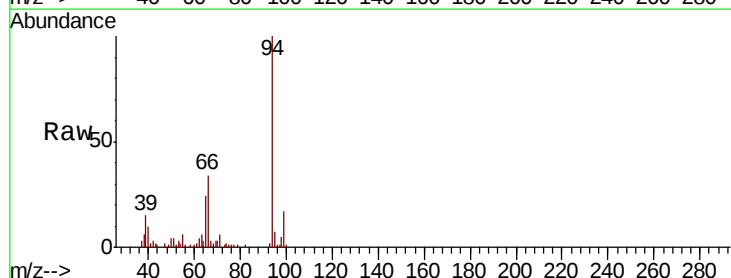
Tgt Ion: 94 Resp: 48291

Ion Ratio Lower Upper

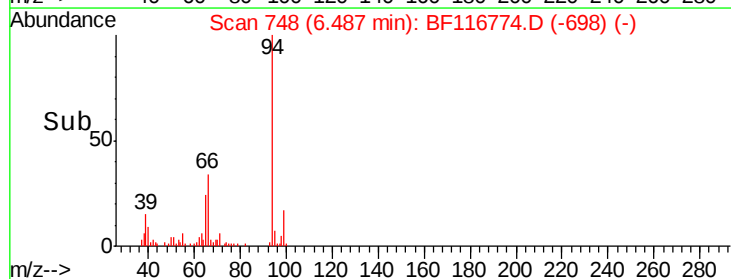
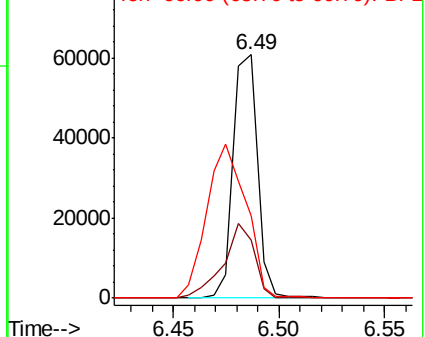
94 100

65 24.0 10.8 50.8

66 33.9 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-057

Tot Ion:136 Resp: 444390

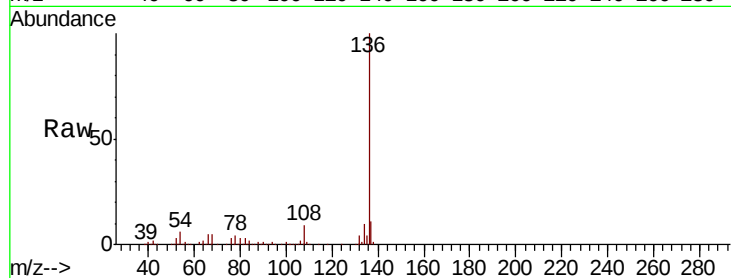
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.0 4.8 7.2

68 5.2 4.0 6.0

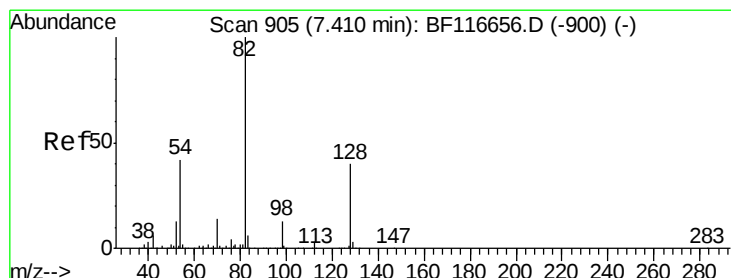
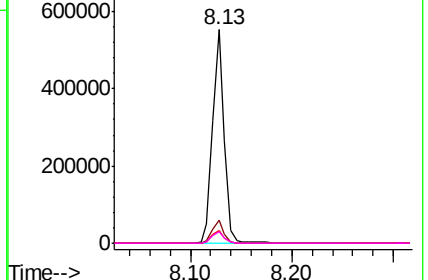
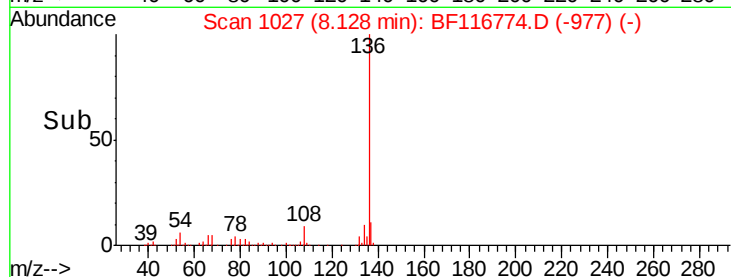


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.356 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

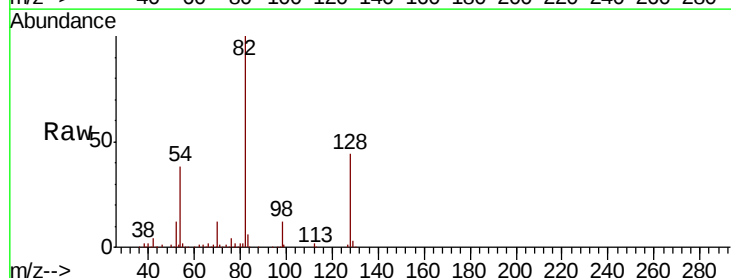
Tgt Ion: 82 Resp: 477619

Ion Ratio Lower Upper

82 100

128 44.2 32.8 49.2

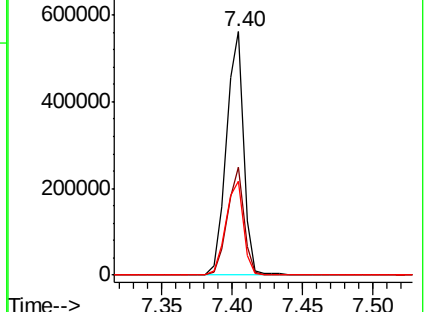
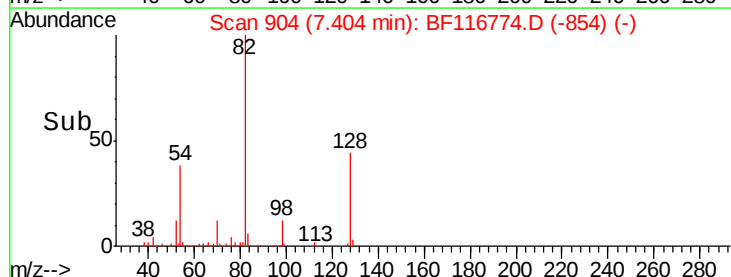
54 38.4 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

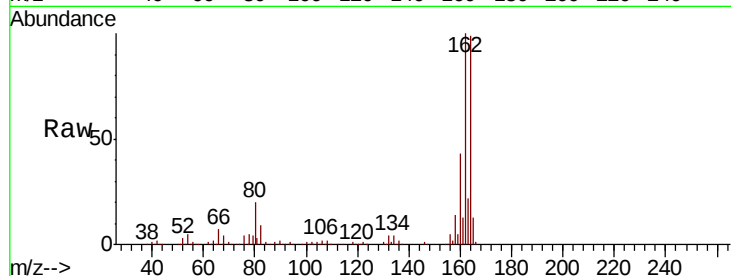




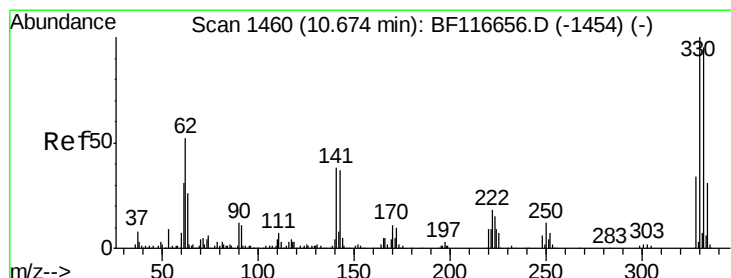
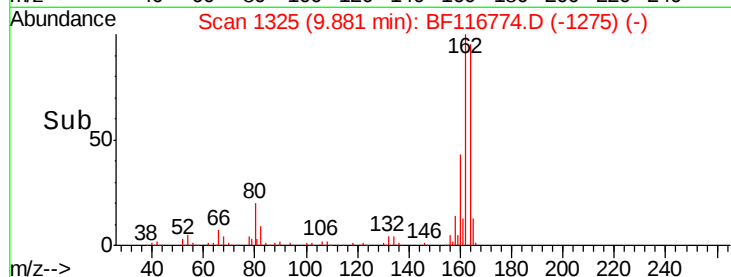
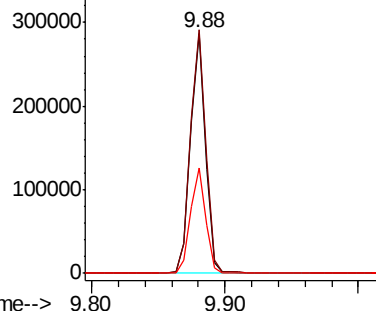
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116774.D
Acq: 3 Sep 2019 16:05

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-057

Tot Ion:164 Resp: 231113
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 43.8 35.4 53.2

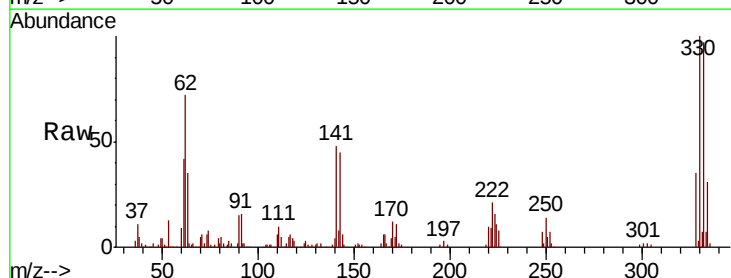


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

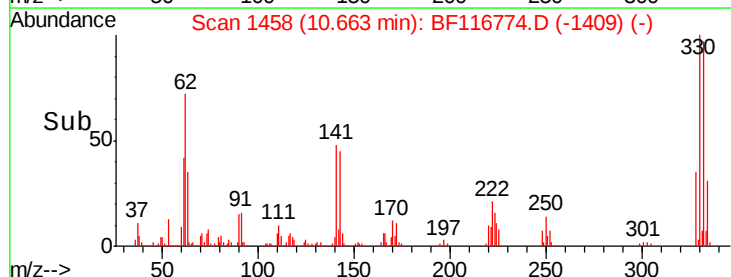
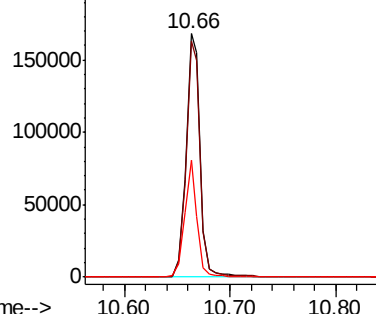


#42
2,4,6-Tribromophenol
Concen: 104.072 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116774.D
Acq: 3 Sep 2019 16:05

Tgt Ion:330 Resp: 160796
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 41.5 31.4 47.2



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

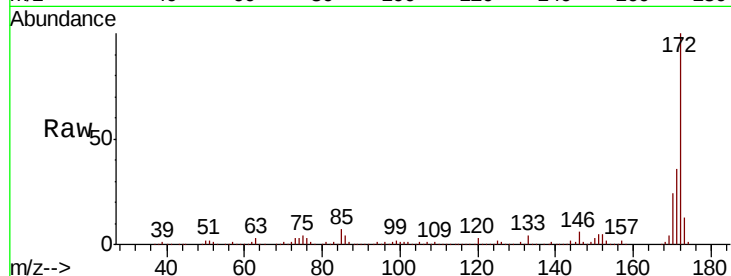




#45
2-Fluorobiphenyl
Concen: 53.869 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116774.D
Acq: 3 Sep 2019 16:05

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-057

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.7	18.9	28.3

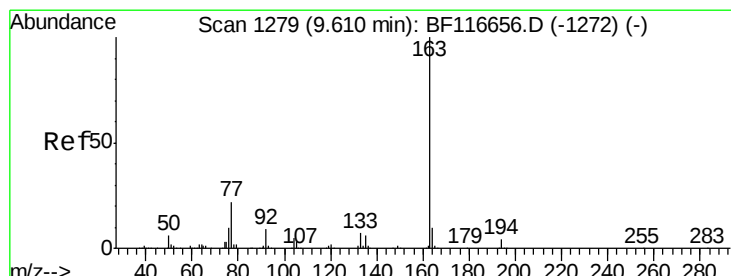
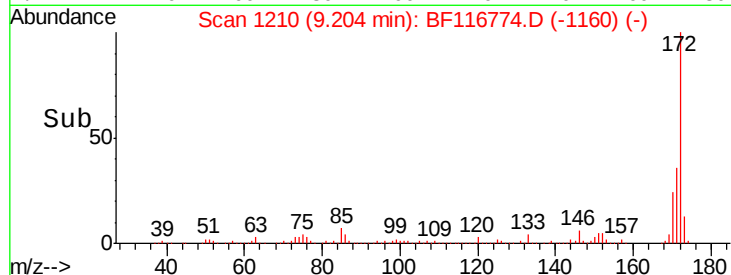
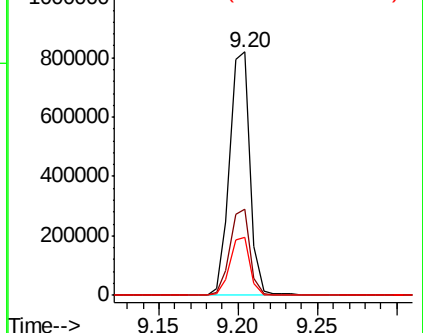


Abundance

Ion 172.00 (171.70 to 172.70): E

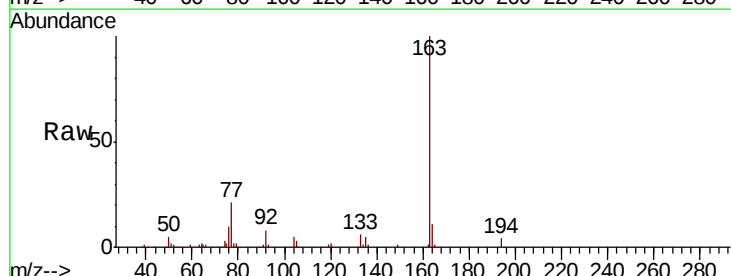
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.734 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116774.D
Acq: 3 Sep 2019 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.6	8.6	12.8

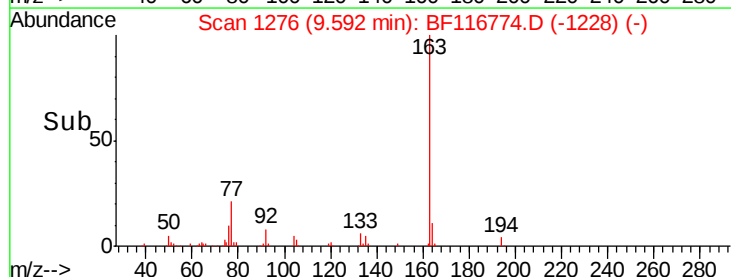
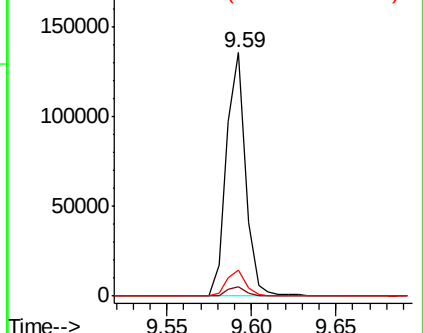


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-057

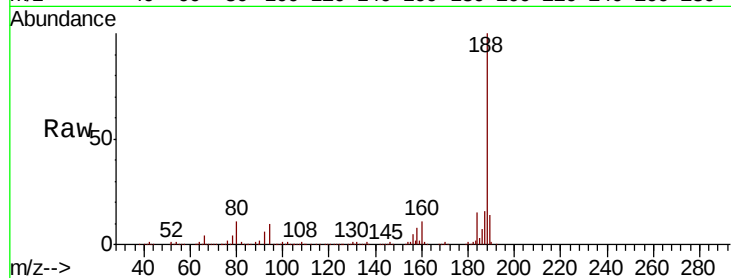
Tot Ion:188 Resp: 397873

Ion Ratio Lower Upper

188 100

94 10.2 7.3 10.9

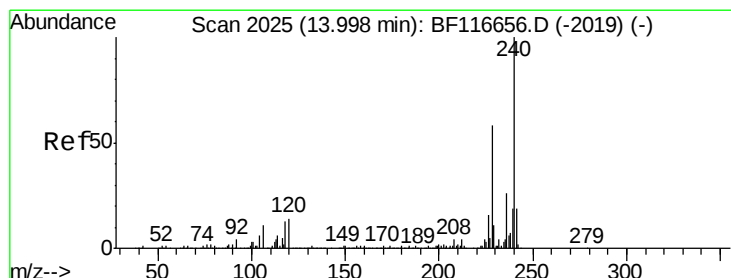
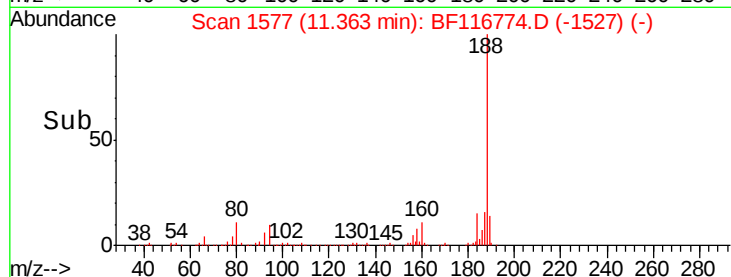
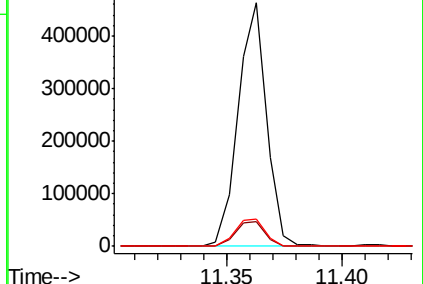
80 11.0 8.4 12.6



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

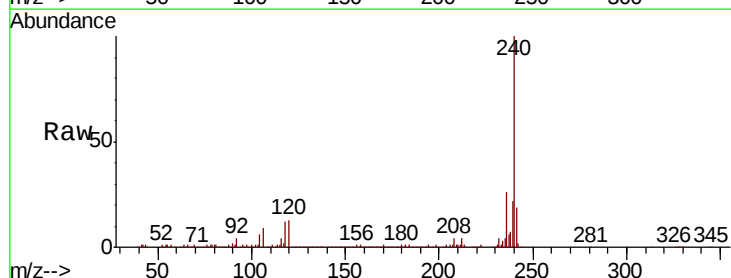
Tgt Ion:240 Resp: 306143

Ion Ratio Lower Upper

240 100

120 13.4 9.1 13.7

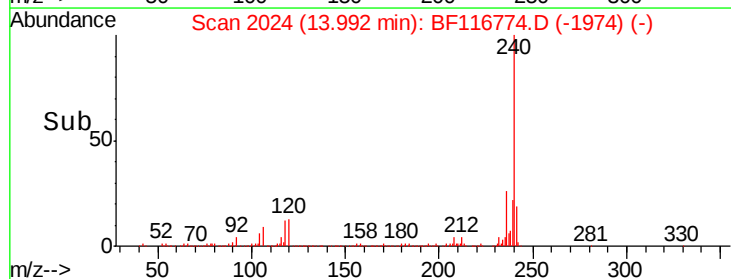
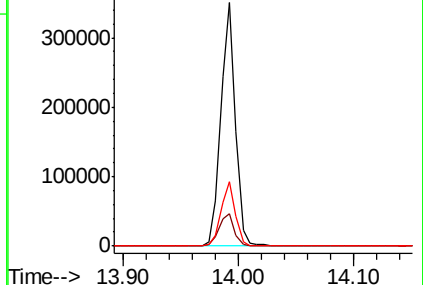
236 26.4 21.1 31.7

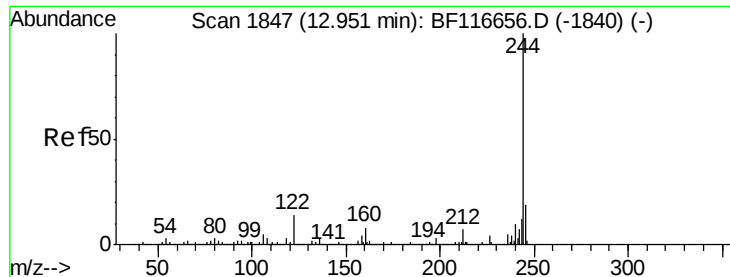


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 46.647 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-057

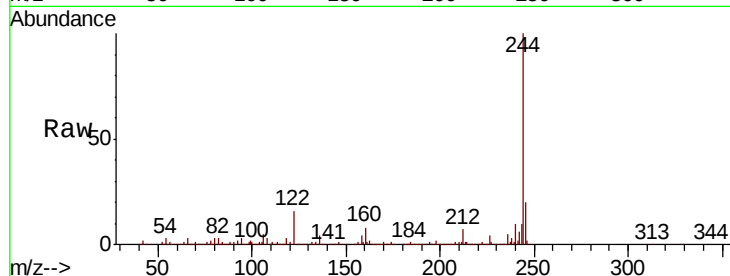
Tot Ion:244 Resp: 771944

Ion Ratio Lower Upper

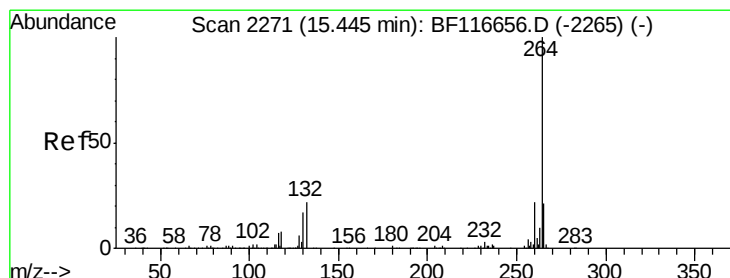
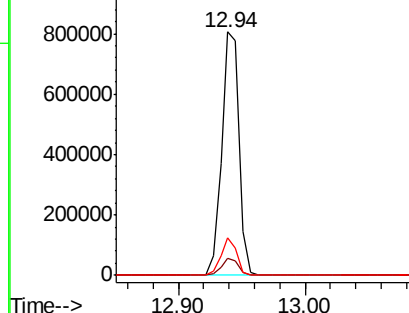
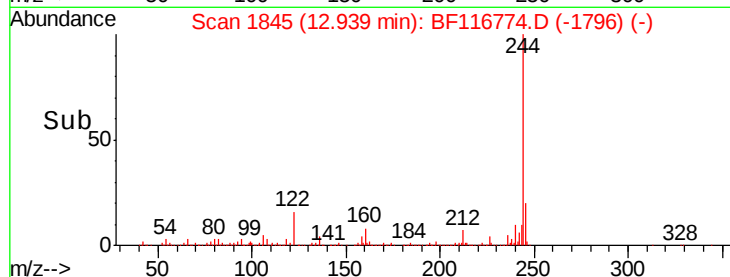
244 100

212 7.0 6.1 9.1

122 15.7 10.2 15.4#



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116774.D

Acq: 3 Sep 2019 16:05

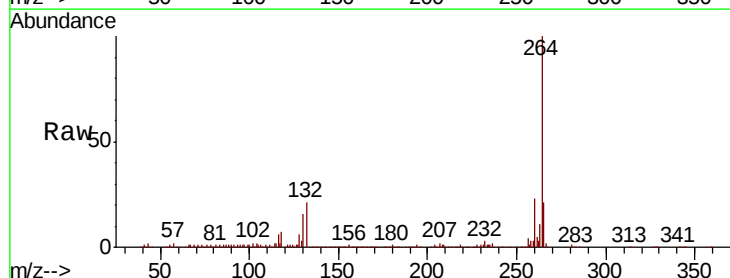
Tgt Ion:264 Resp: 299048

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 20.8 16.5 24.7



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

