

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094886.D
 Acq On : 4 May 2017 21:43
 Operator : SJ/MA
 Sample : I2956-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-ST-TP(0-5)

Quant Time: May 05 02:56:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

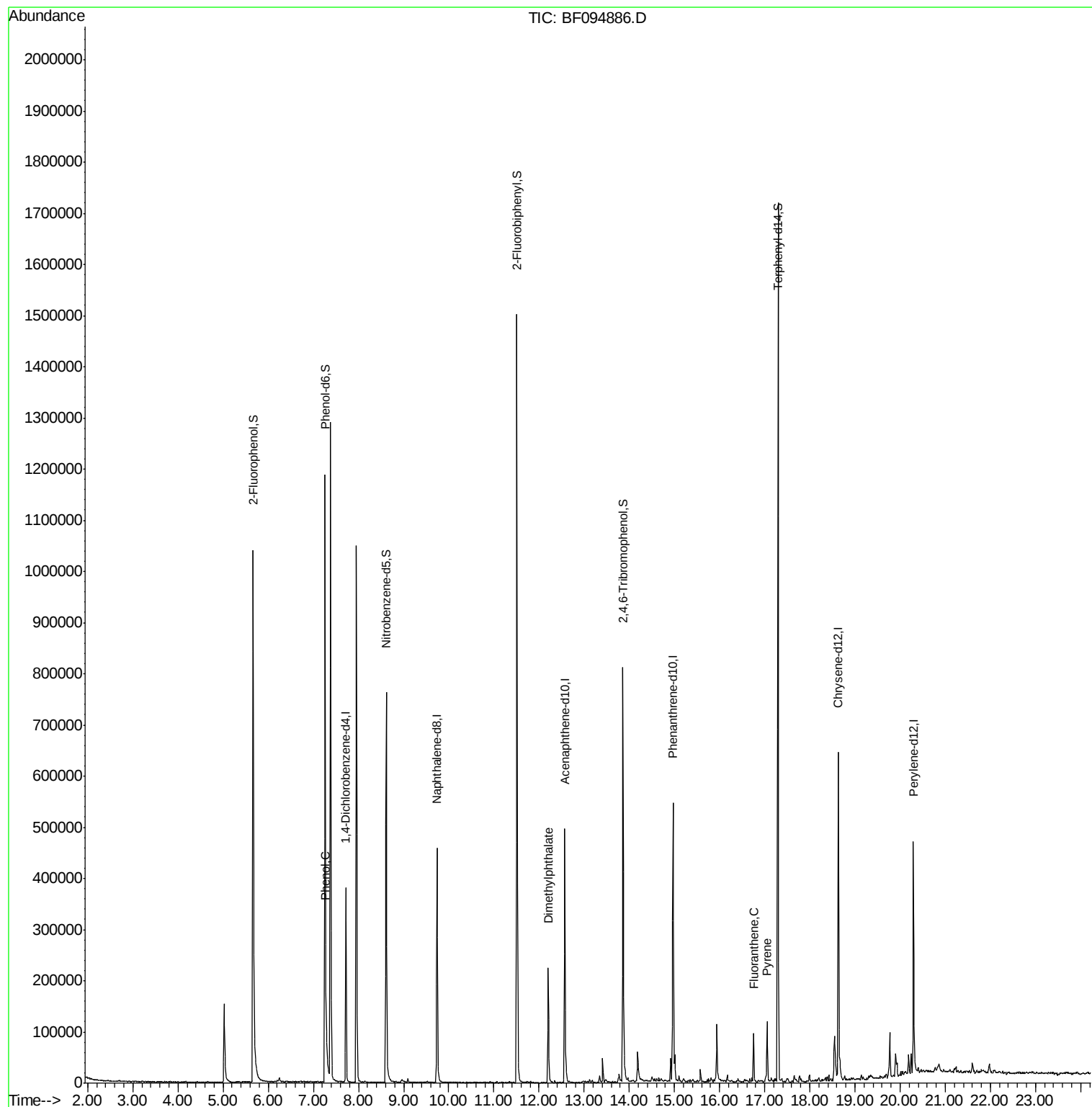
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	78673	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	311212	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	148114	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	286641	20.00	ng	-0.01
75) Chrysene-d12	18.63	240	265594	20.00	ng	-0.02
86) Perylene-d12	20.30	264	199258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	505770	107.18	ng	-0.01
7) Phenol-d6	7.26	99	608594	107.49	ng	-0.02
23) Nitrobenzene-d5	8.61	82	353896	71.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	137353	113.23	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	631550	61.37	ng	-0.02
78) Terphenyl-d14	17.29	244	630182	52.26	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	12515	2.10	ng	Qvalue # 74
49) Dimethylphthalate	12.21	163	139315	11.46	ng	97
74) Fluoranthene	16.75	202	49671	2.94	ng	97
77) Pyrene	17.05	202	55250	2.78	ng	95

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

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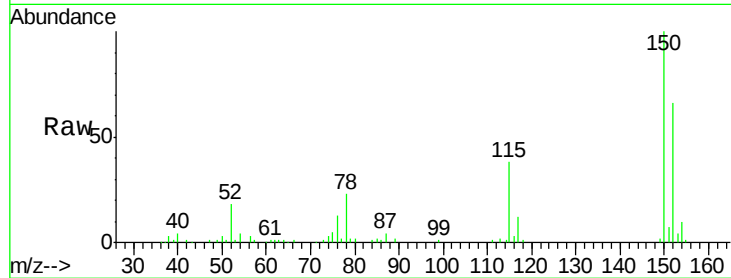


#1

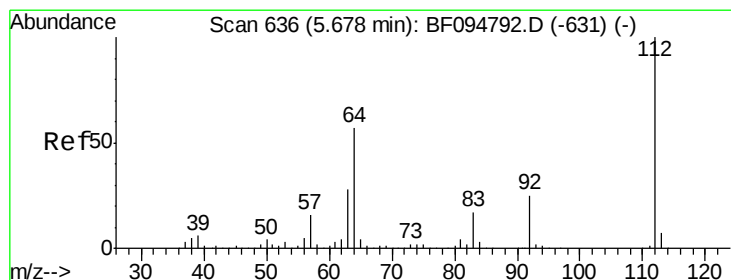
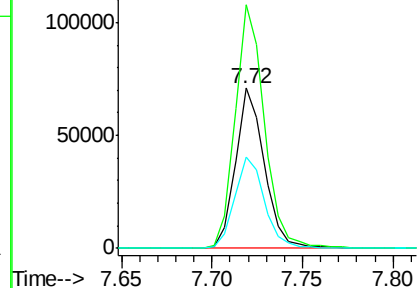
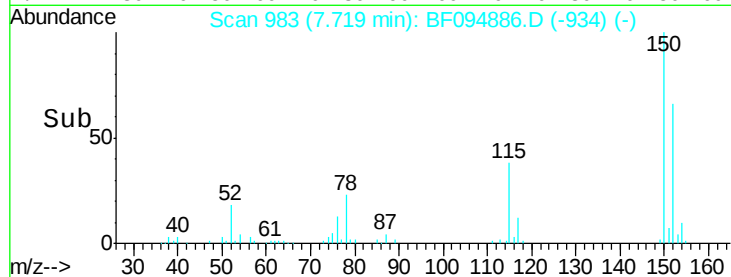
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
CHERRY-ST-TP(0-5)

Tgt Ion:152 Resp: 78673
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 57.2 52.2 78.2



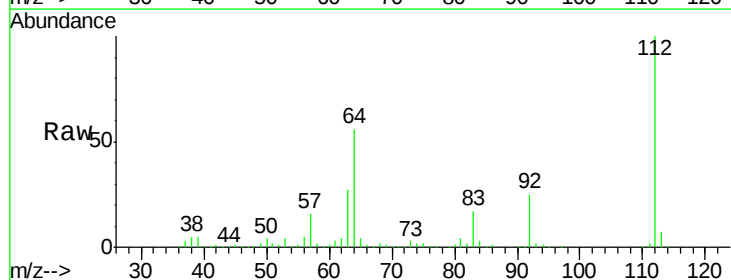
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



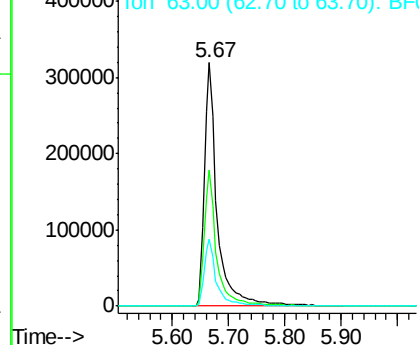
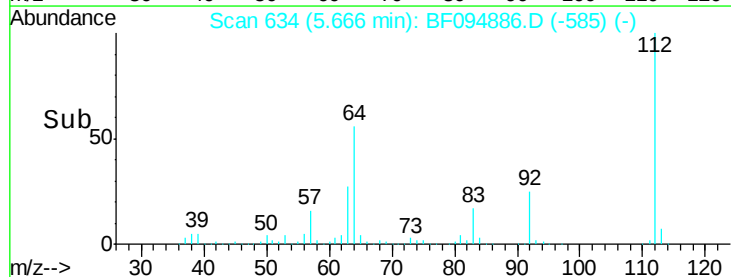
#5

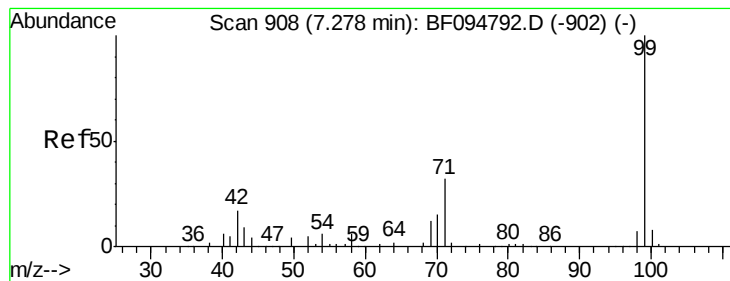
2-Fluorophenol
Concen: 107.18 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:112 Resp: 505770
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 27.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.49 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

Instrument :

BNA_F

ClientSampleId :

CHERRY-ST-TP(0-5)

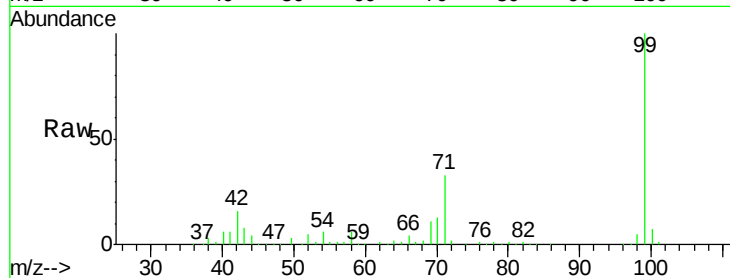
Tgt Ion: 99 Resp: 608594

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

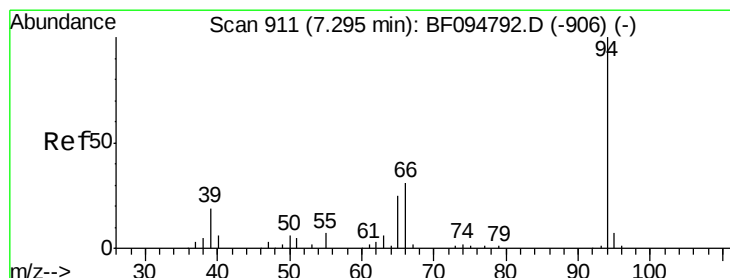
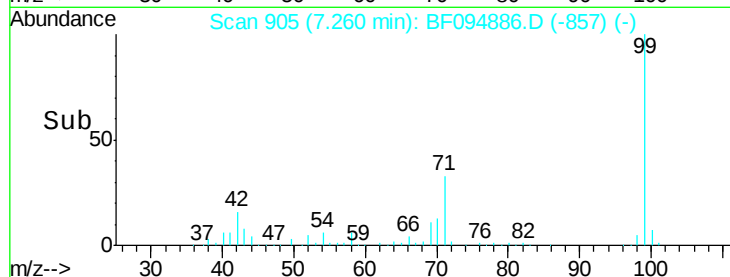
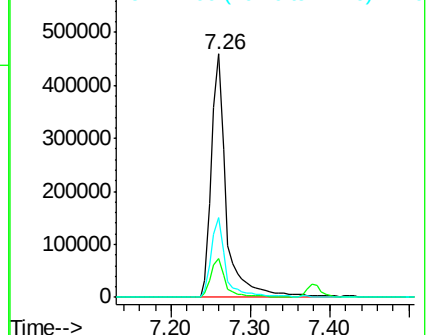
71 32.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.10 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

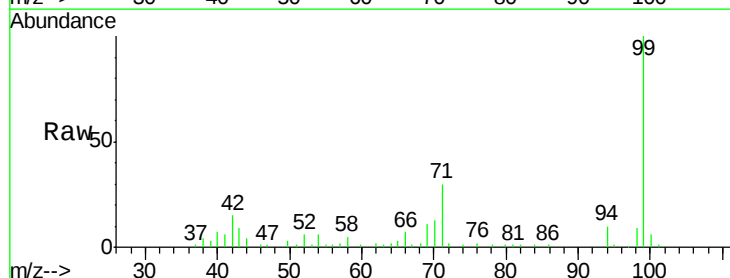
Tgt Ion: 94 Resp: 12515

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

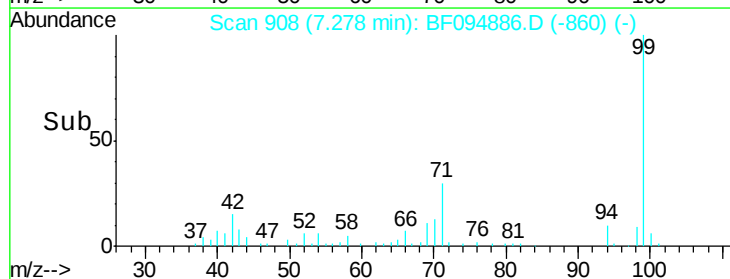
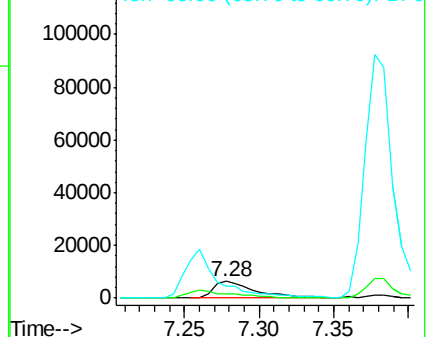
66 69.7 23.1 63.1#

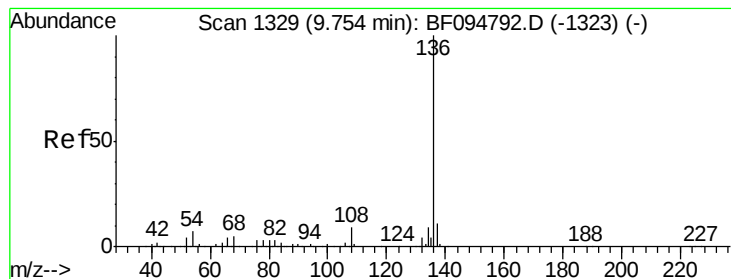


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

Instrument :

BNA_F

ClientSampleId :

CHERRY-ST-TP(0-5)

Tgt Ion: 136 Resp: 311212

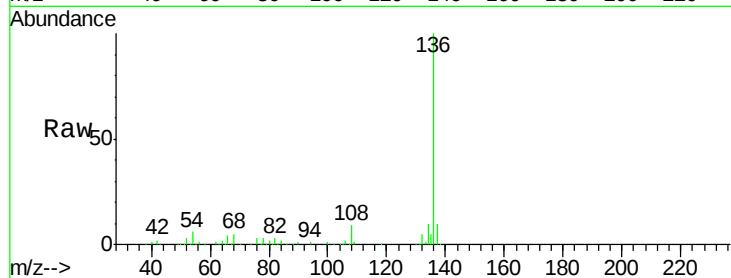
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.2 4.1 6.1

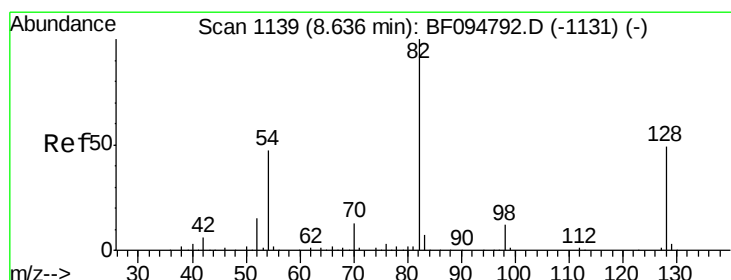
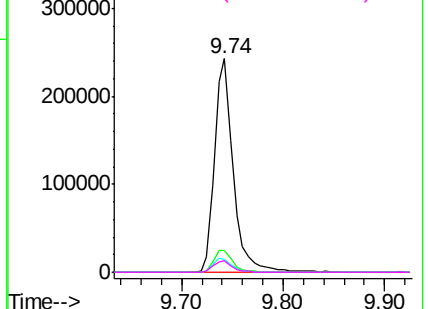
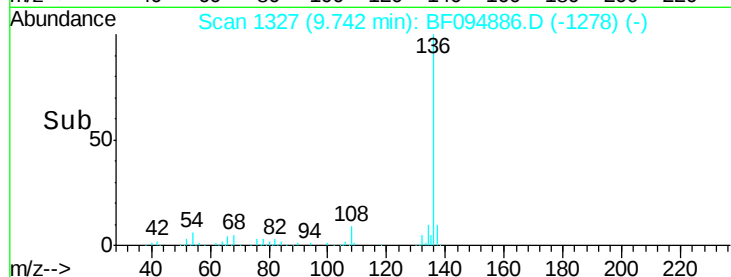


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 71.71 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

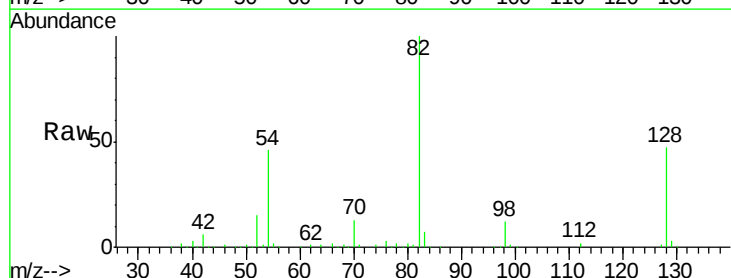
Tgt Ion: 82 Resp: 353896

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

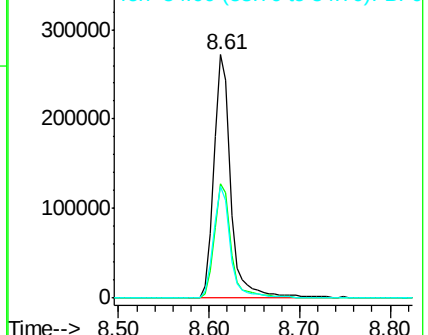
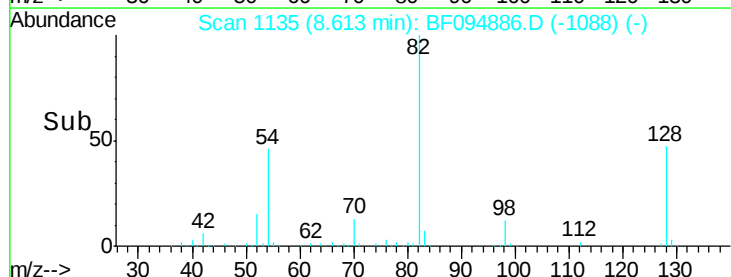
54 46.1 42.2 63.2

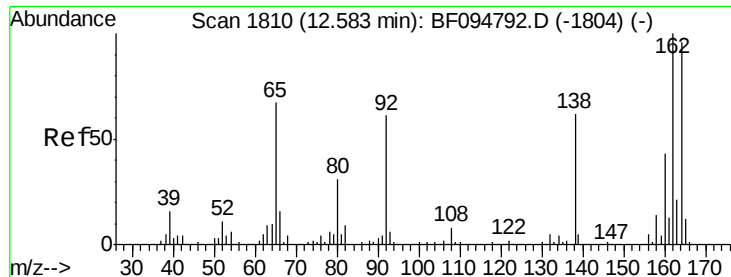


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

Instrument :

BNA_F

ClientSampleId :

CHERRY-ST-TP(0-5)

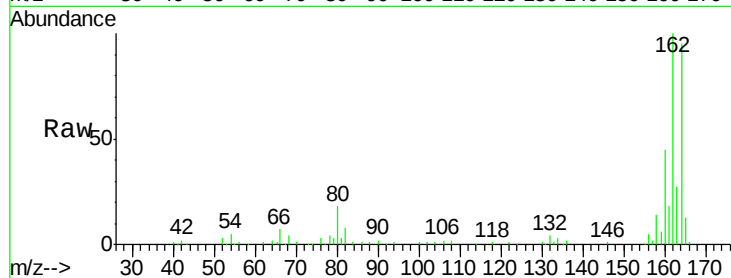
Tgt Ion:164 Resp: 148114

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

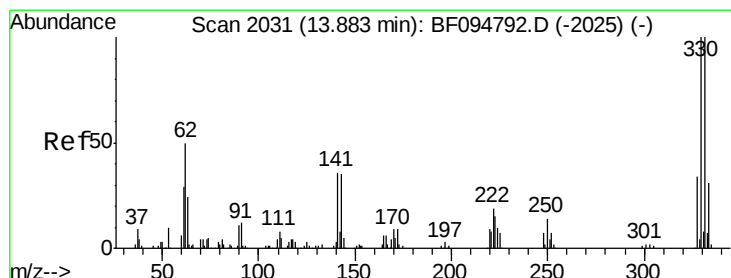
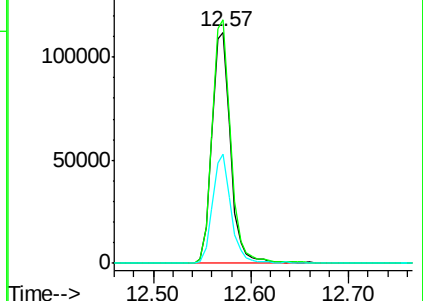
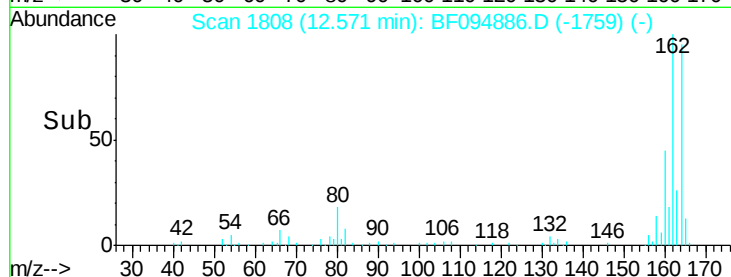
160 47.0 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 113.23 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094886.D

Acq: 4 May 2017 21:43

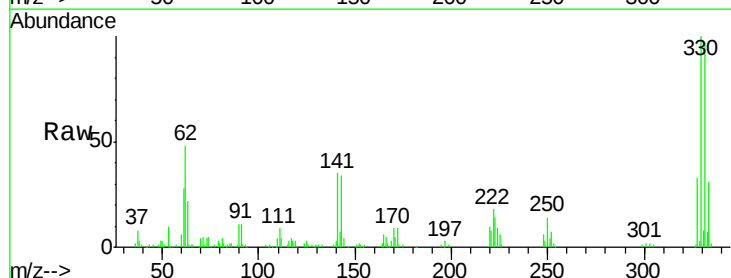
Tgt Ion:330 Resp: 137353

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

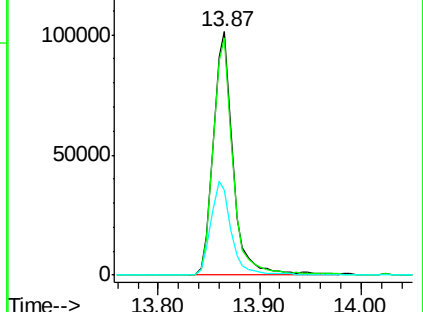
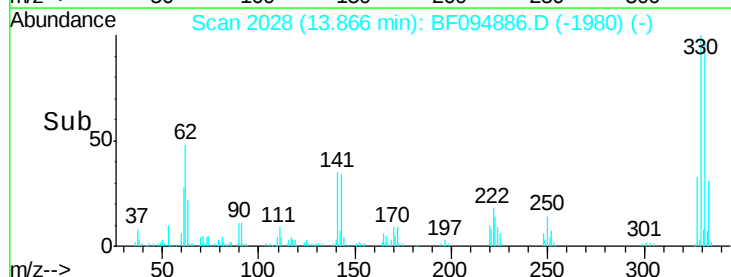
141 39.9 31.4 47.2

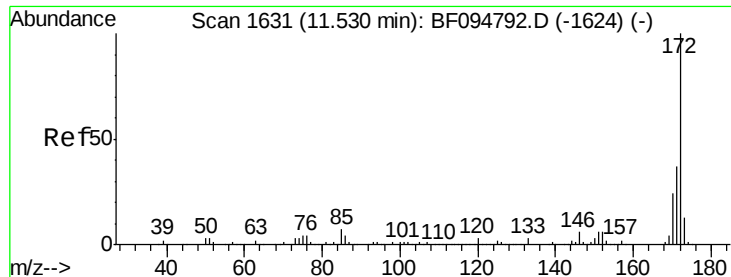


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

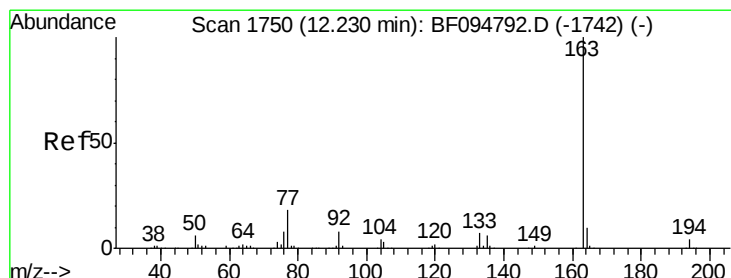
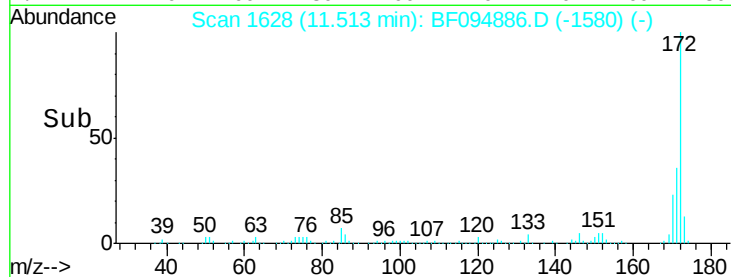
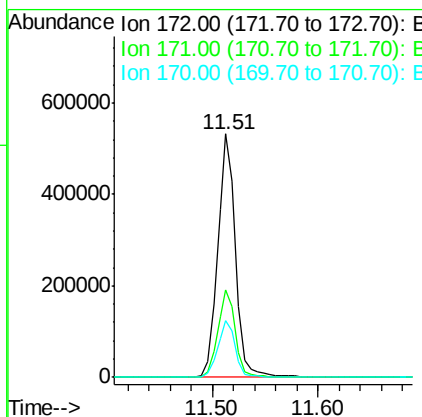
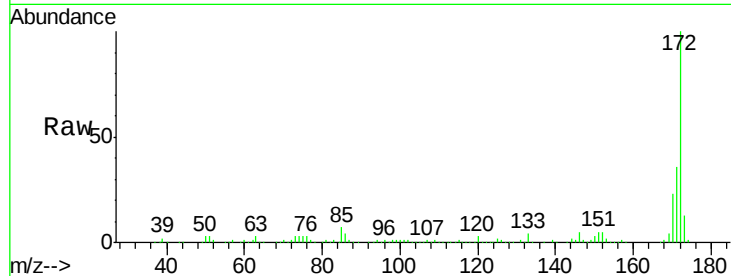




#44
 2-Fluorobiphenyl
 Concen: 61.37 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

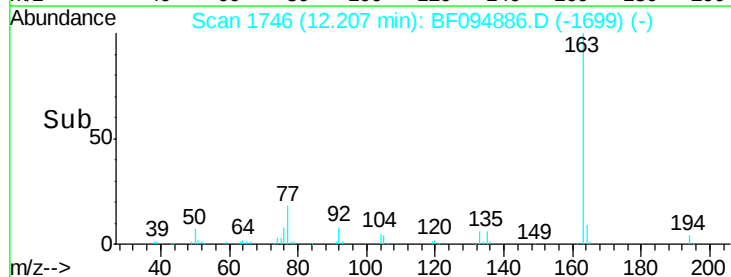
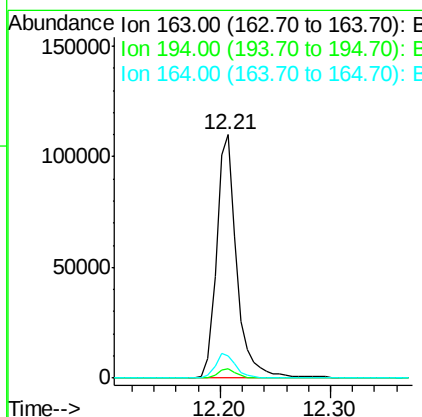
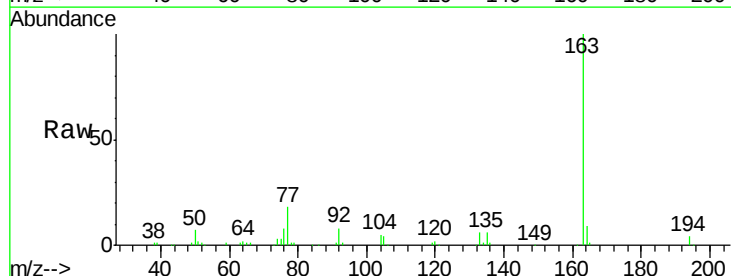
Instrument :
 BNA_F
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 CHERRY-ST-TP(0-5)

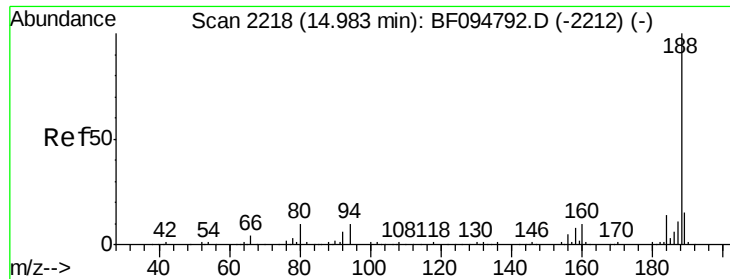
Tgt Ion:172 Resp: 631550
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.46 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

Tgt Ion:163 Resp: 139315
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.1 8.4 12.6

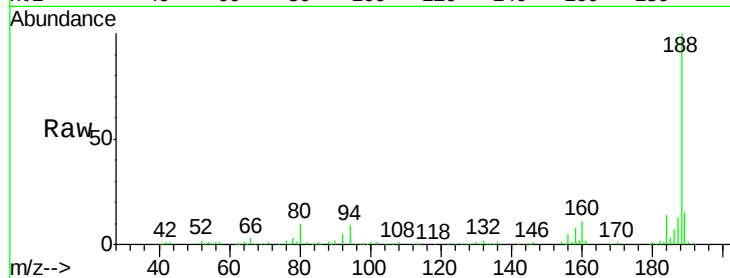




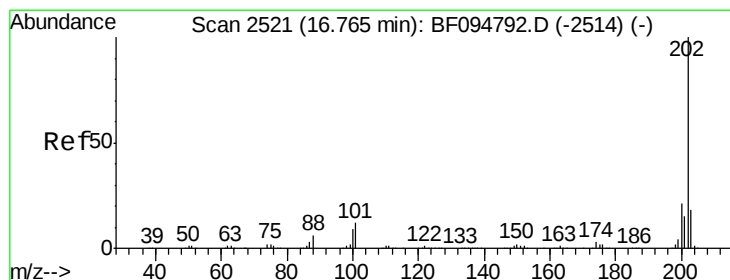
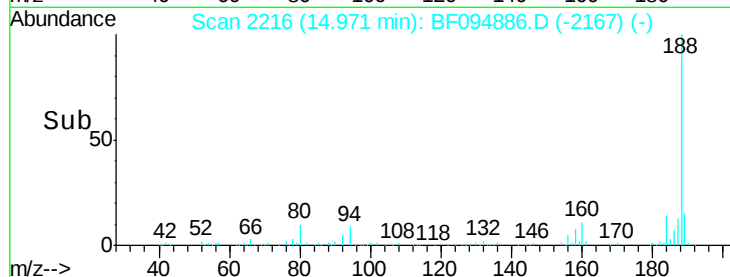
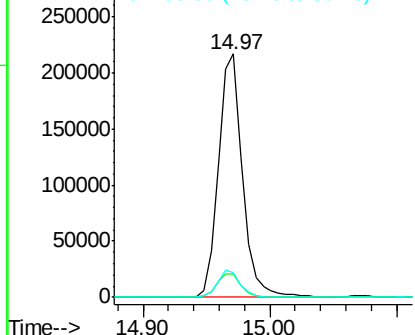
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
CHERRY-ST-TP(0-5)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.1	10.2	15.2#

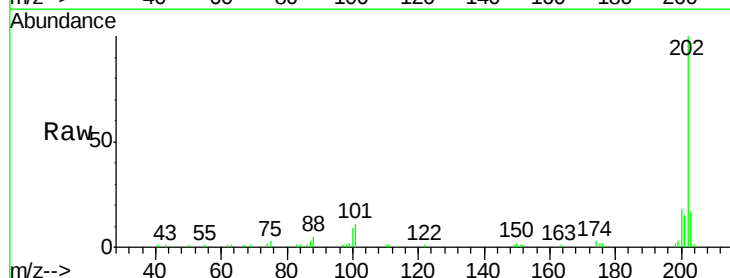


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

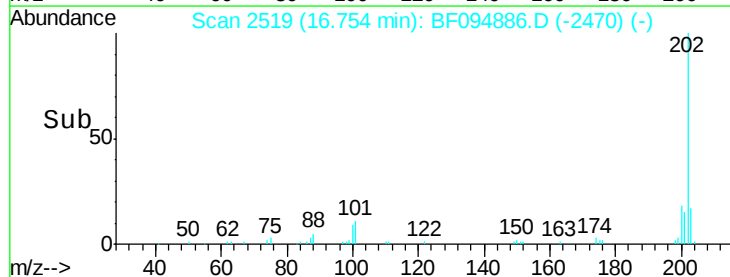
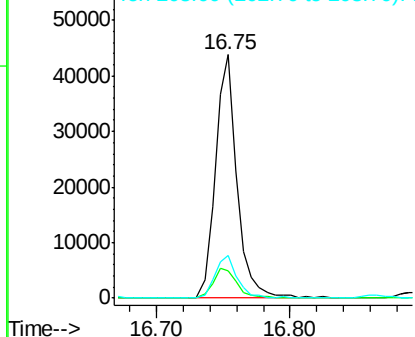


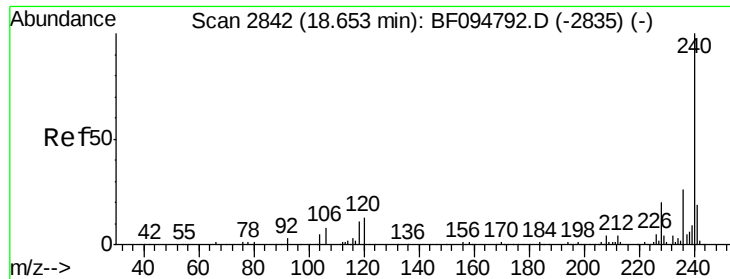
#74
Fluoranthene
Concen: 2.94 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

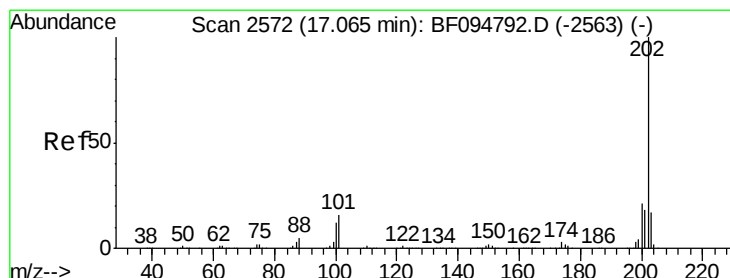
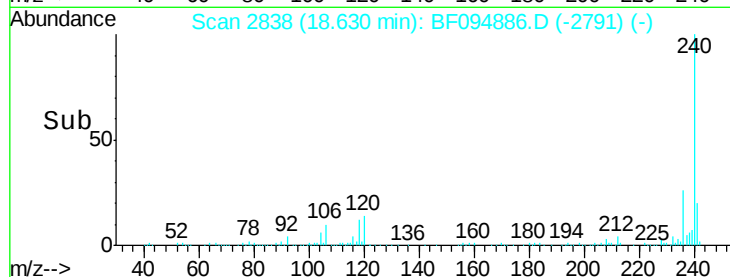
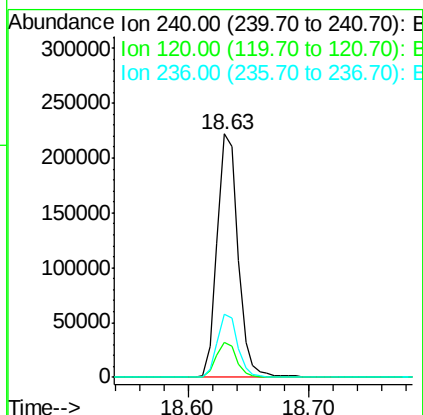
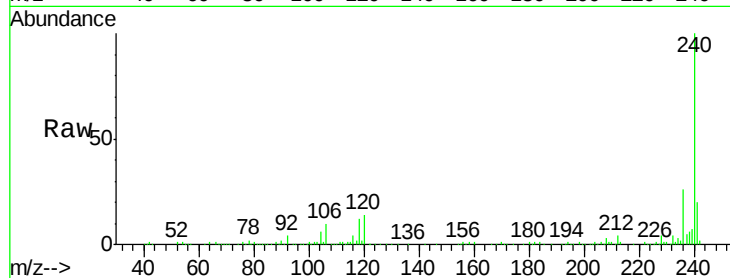




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

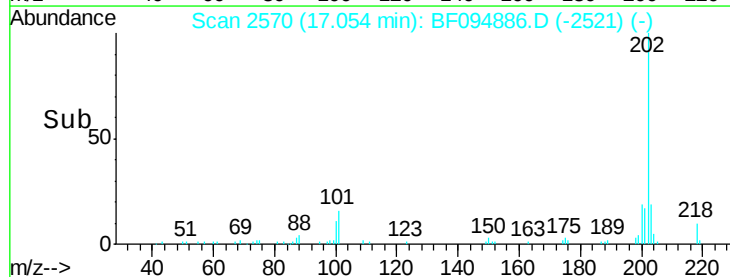
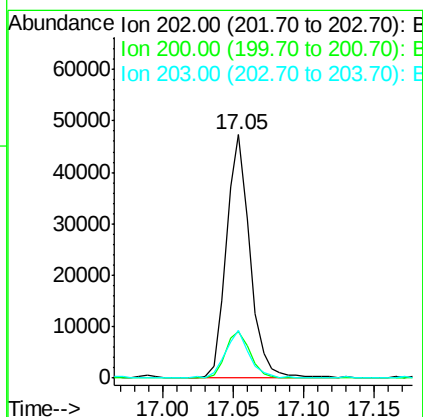
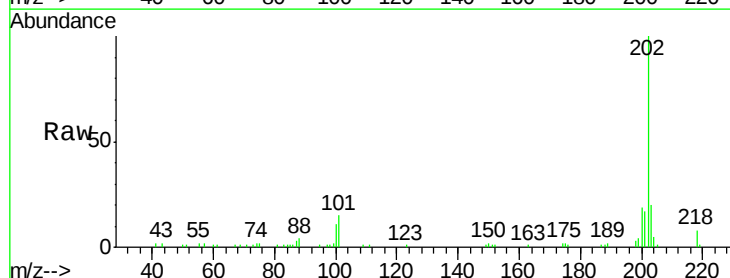
Instrument :
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 CHERRY-ST-TP(0-5)

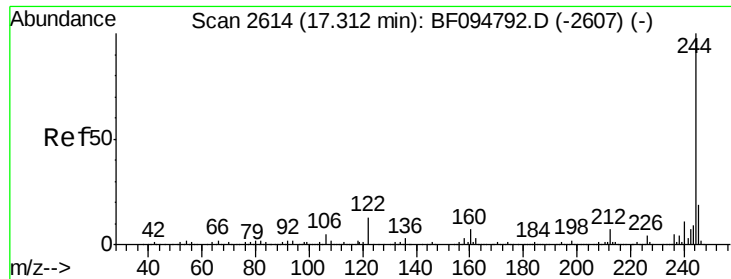
Tgt Ion: 240 Resp: 265594
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.8 20.5 30.7



#77
 Pyrene
 Concen: 2.78 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

Tgt Ion: 202 Resp: 55250
 Ion Ratio Lower Upper
 202 100
 200 19.3 17.6 26.4
 203 19.6 14.4 21.6

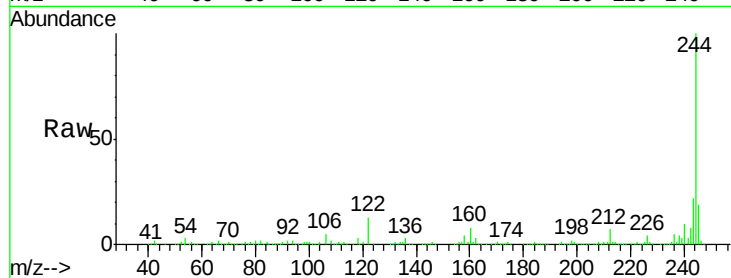




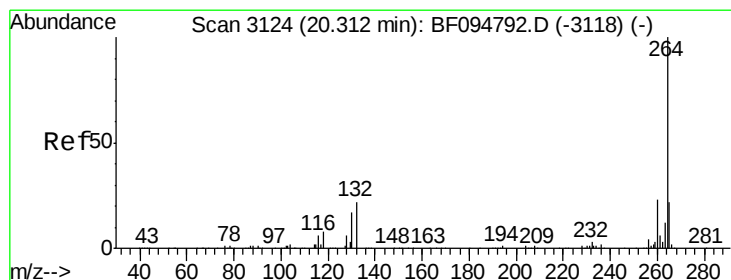
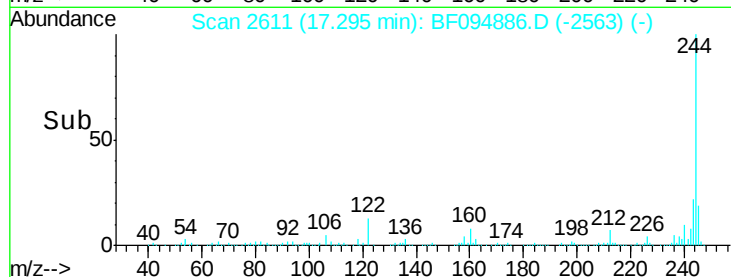
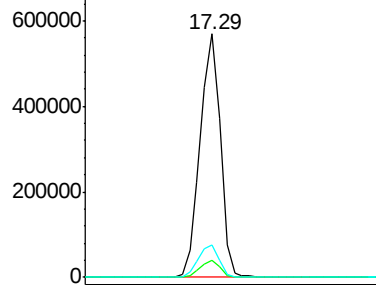
#78
 Terphenyl-d14
 Concen: 52.26 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-ST-TP(0-5)

Tgt Ion:244 Resp: 630182
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.2 10.3 15.5

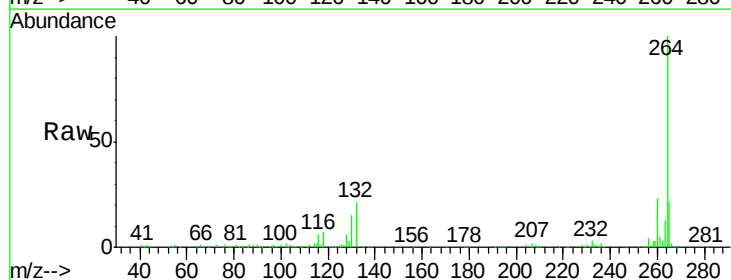


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094886.D
 Acq: 4 May 2017 21:43

Tgt Ion:264 Resp: 199258
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.0 17.2 25.8



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

