

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087520.D
 Acq On : 29 May 2016 14:33
 Operator : UM/SJ
 Sample : H3191-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1672(0-4)

Quant Time: May 30 05:08:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	109612	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	442100	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	203478	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	384828	20.00	ng	0.00
75) Chrysene-d12	18.43	240	269898	20.00	ng	0.00
86) Perylene-d12	20.11	264	201381	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	911749	146.16	ng	0.03
7) Phenol-d6	7.03	99	1127832	133.80	ng	-0.01
23) Nitrobenzene-d5	8.39	82	896363	102.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	288906	147.75	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1470329	101.87	ng	-0.01
78) Terphenyl-d14	17.09	244	1255485	98.90	ng	0.00

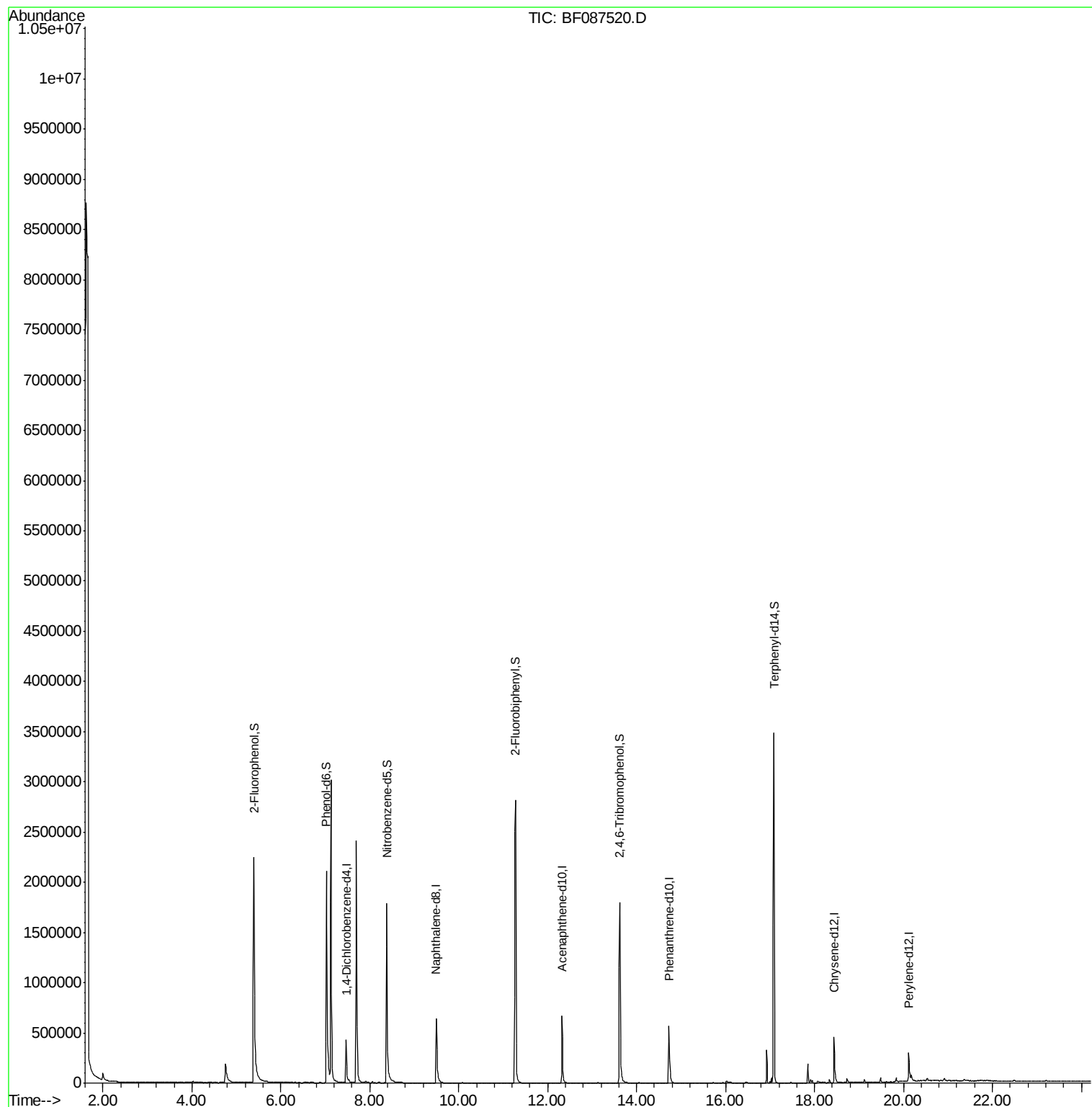
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

Instrument :

BNA_F

ClientSampleId :

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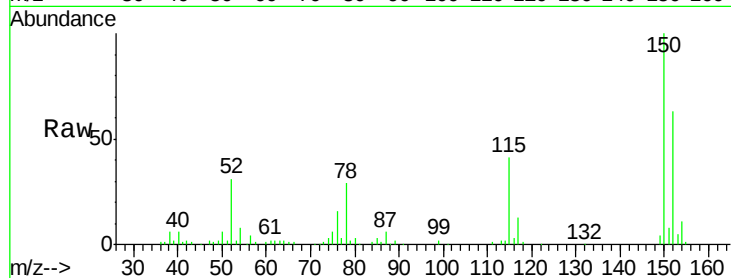
Tgt Ion:152 Resp: 109612

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

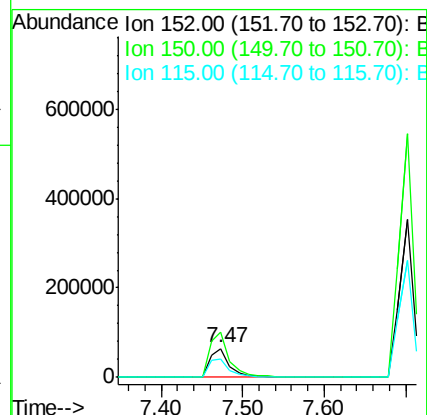
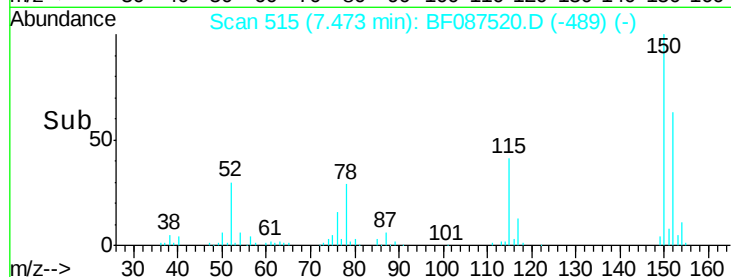
115 64.6 51.5 77.3



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: 146.16 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.03 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

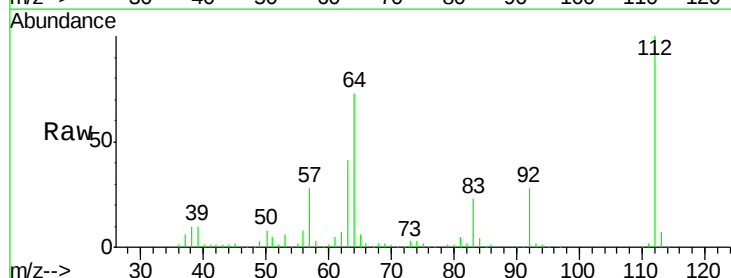
Tgt Ion:112 Resp: 911749

Ion Ratio Lower Upper

112 100

64 73.1 52.1 78.1

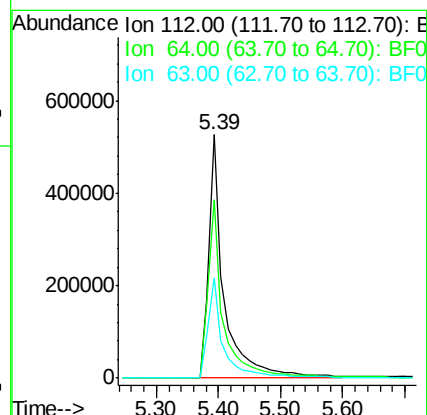
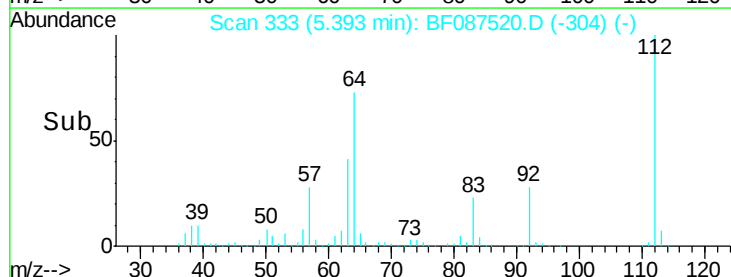
63 41.1 25.7 38.5#



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: 133.80 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1672(0-4)

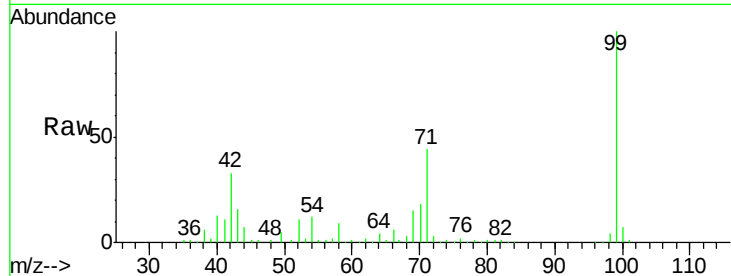
Tgt Ion: 99 Resp: 1127832

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

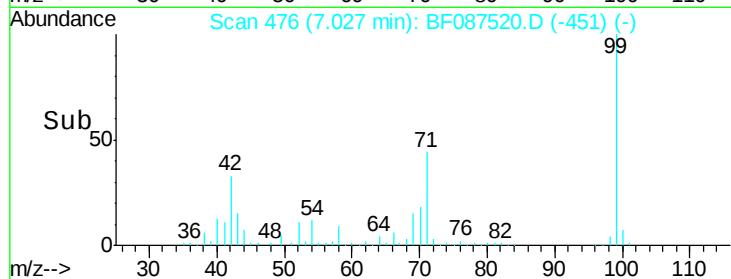
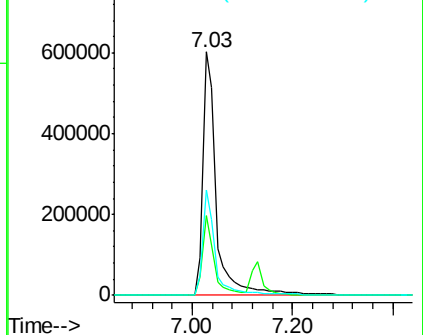
71 43.5 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

Tgt Ion: 136 Resp: 442100

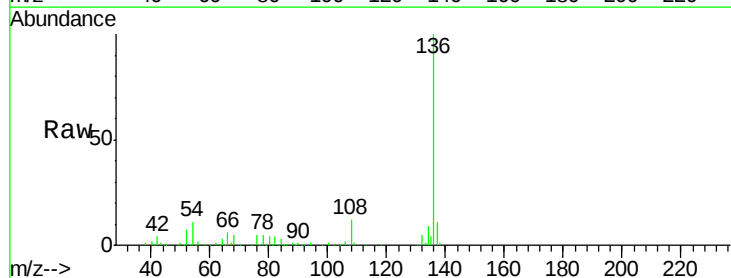
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.4 5.0 7.4#

68 5.3 4.4 6.6

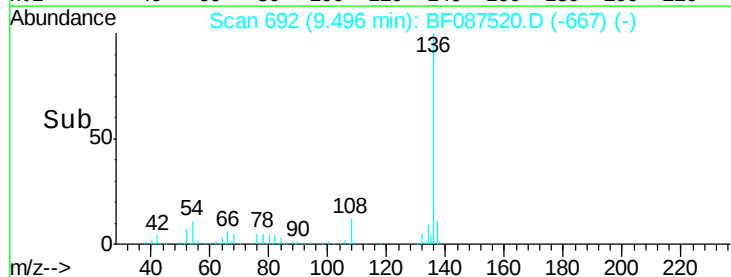
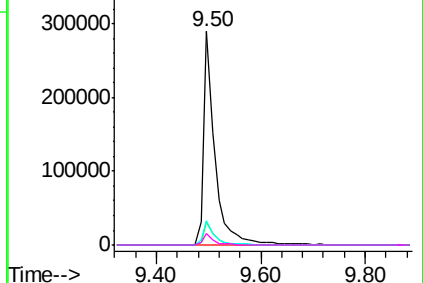


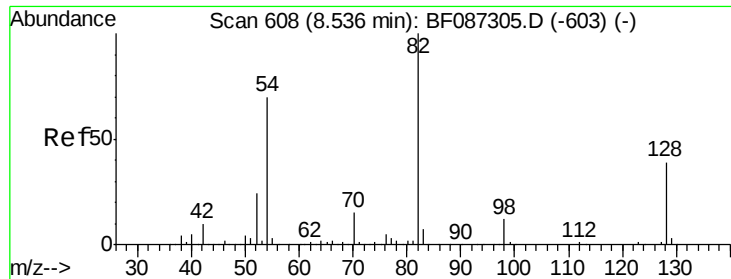
Abundance Ion 136.00 (135.70 to 136.70): E

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

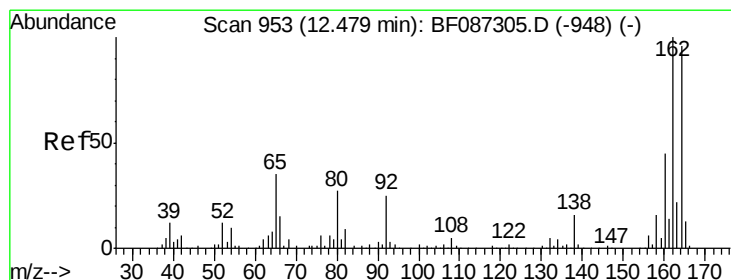
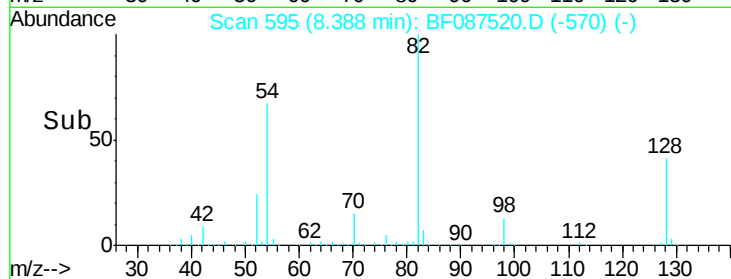
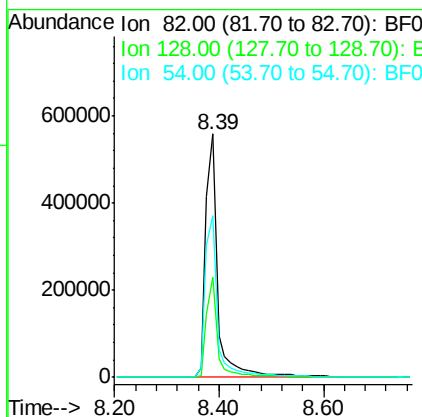
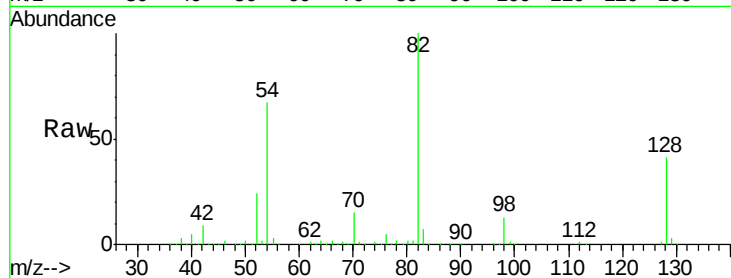




#23
 Nitrobenzene-d5
 Concen: 102.18 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087520.D
 Acq: 29 May 2016 14:33

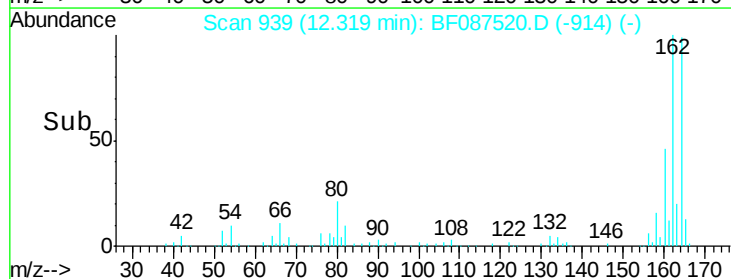
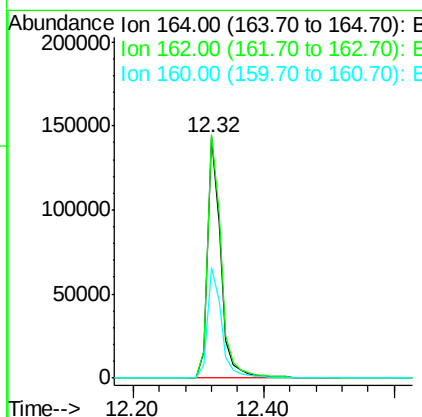
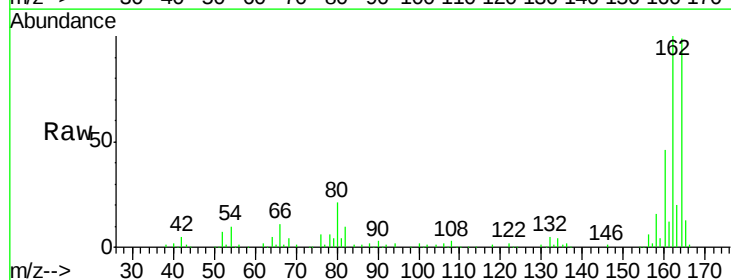
Instrument :
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 CHS-STA-1672(0-4)

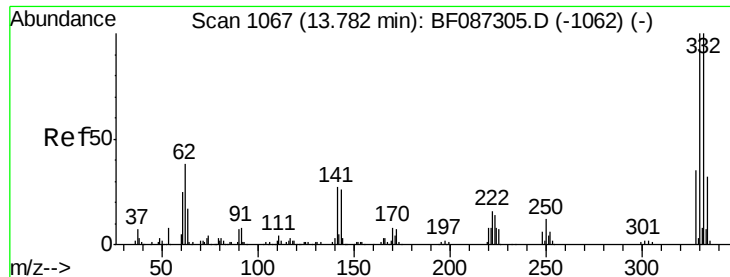
Tgt Ion: 82 Resp: 896363
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 66.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087520.D
 Acq: 29 May 2016 14:33

Tgt Ion: 164 Resp: 203478
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.8 124.2
 160 46.1 36.9 55.3

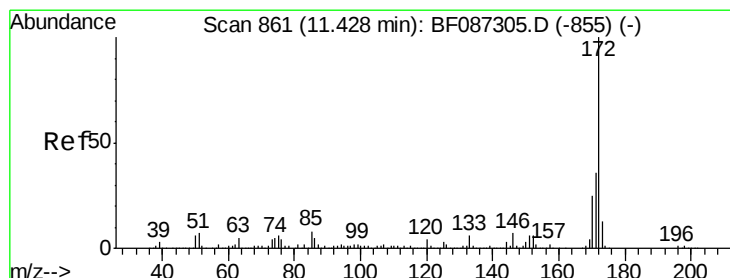
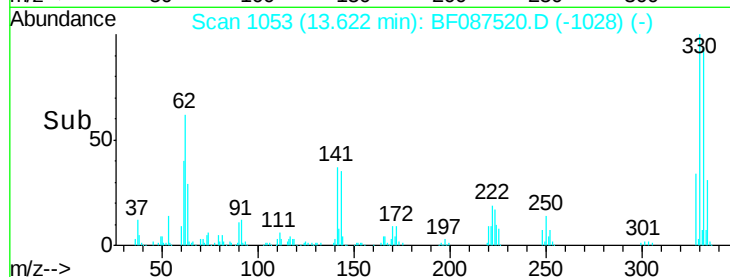
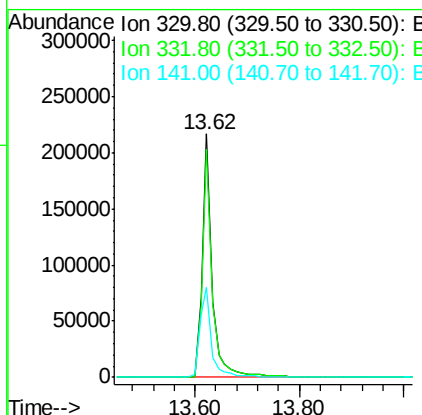
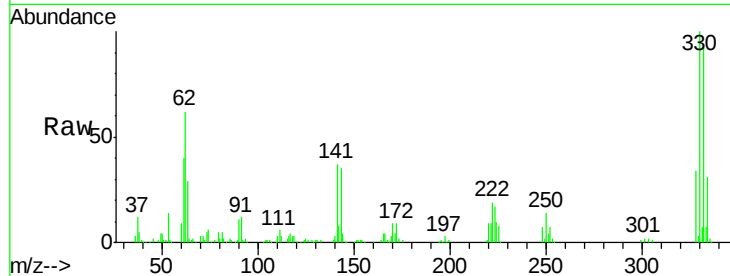




#41
 2,4,6-Tribromophenol
 Concen: 147.75 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087520.D
 Acq: 29 May 2016 14:33

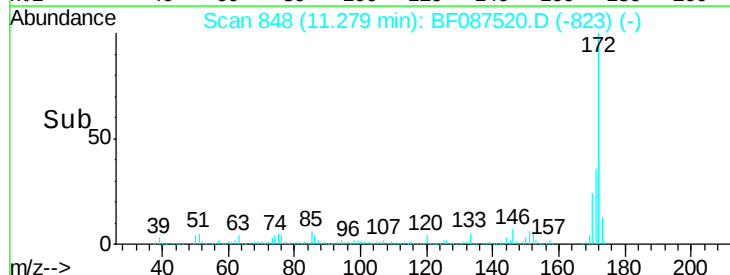
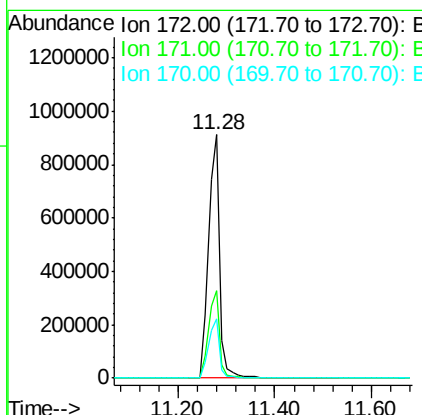
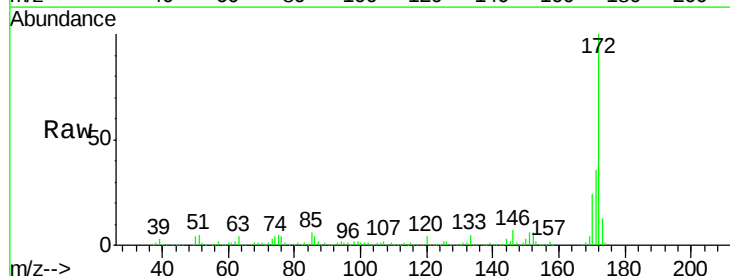
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1672(0-4)

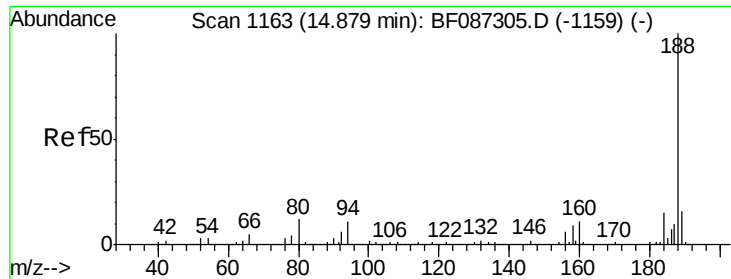
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	79.0	118.4
141	43.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 101.87 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087520.D
 Acq: 29 May 2016 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

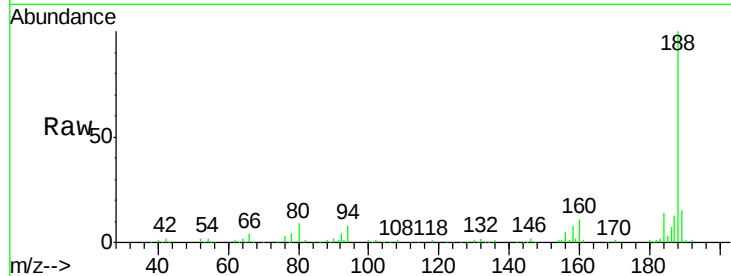




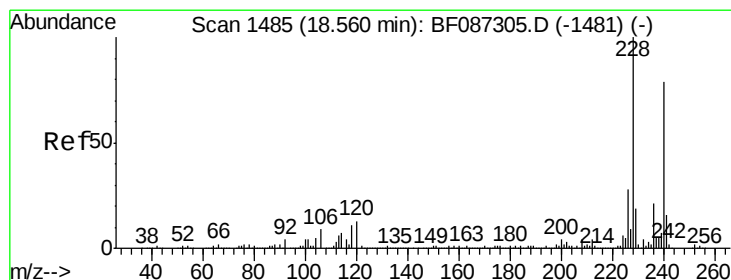
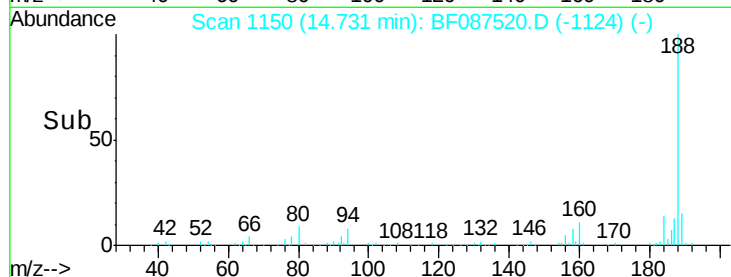
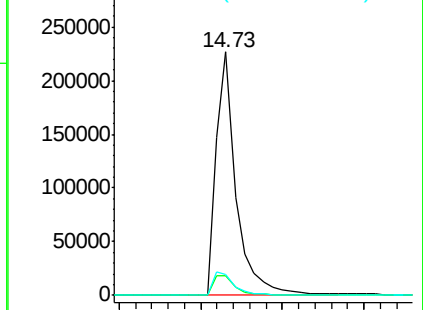
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087520.D
Acq: 29 May 2016 14:33

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.6	7.1	10.7

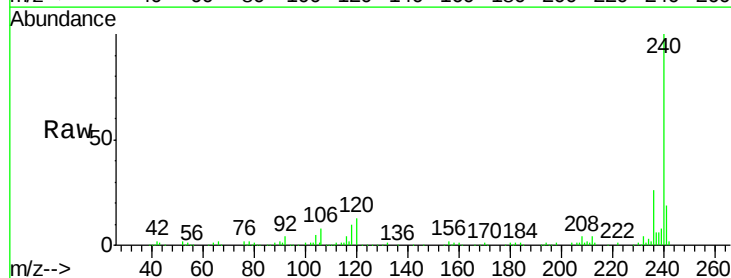


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

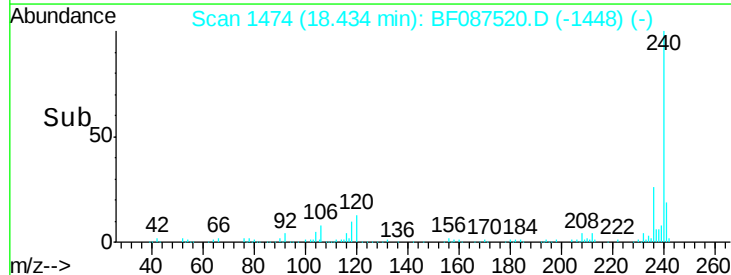
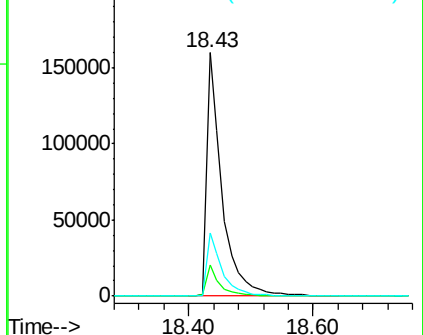


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087520.D
Acq: 29 May 2016 14:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.2	16.8
236	26.1	21.2	31.8



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





#78

Terphenyl-d14

Concen: 98.90 ng

RT: 17.09 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1672(0-4)

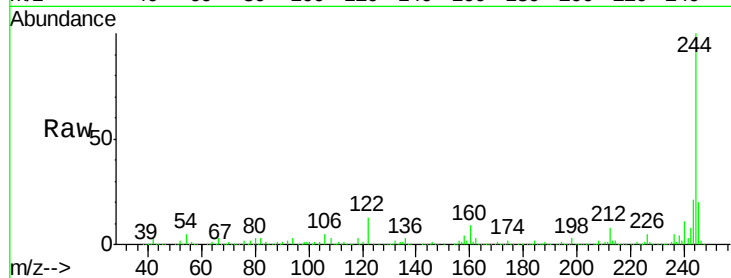
Tgt Ion:244 Resp: 1255485

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

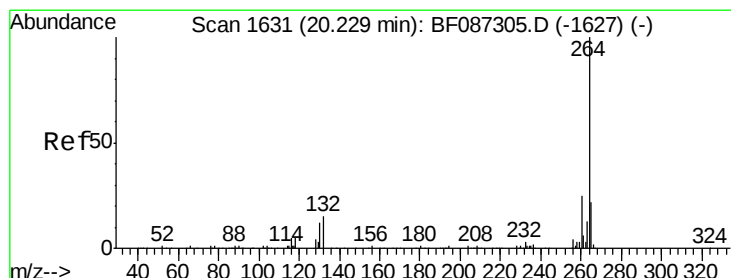
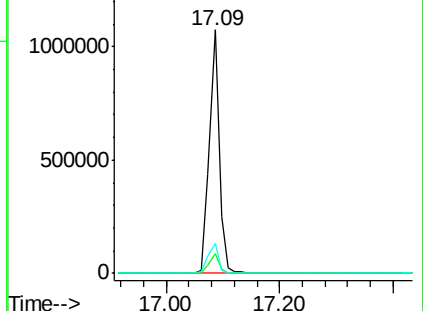
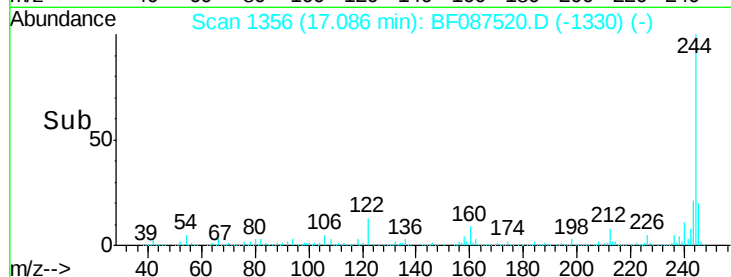
122 12.5 12.0 18.0



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: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF087520.D

Acq: 29 May 2016 14:33

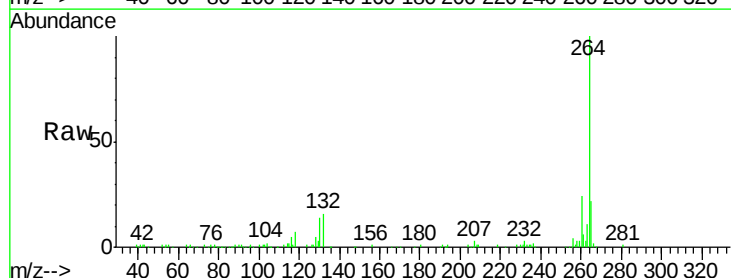
Tgt Ion:264 Resp: 201381

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.9 17.3 25.9



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

