

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087494.D
 Acq On : 28 May 2016 23:29
 Operator : UM/SJ
 Sample : H3276-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 30 04:00:31 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 03:48:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	116282	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	478183	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	226317	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	414771	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	297583	20.00	ng	0.00
86) Perylene-d12	20.10	264	217002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	414667	62.66	ng	0.01
7) Phenol-d6	7.03	99	383930	42.94	ng	-0.01
23) Nitrobenzene-d5	8.39	82	814705	85.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	288493	132.65	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1381676	86.07	ng	-0.01
78) Terphenyl-d14	17.09	244	1183072	84.52	ng	0.00

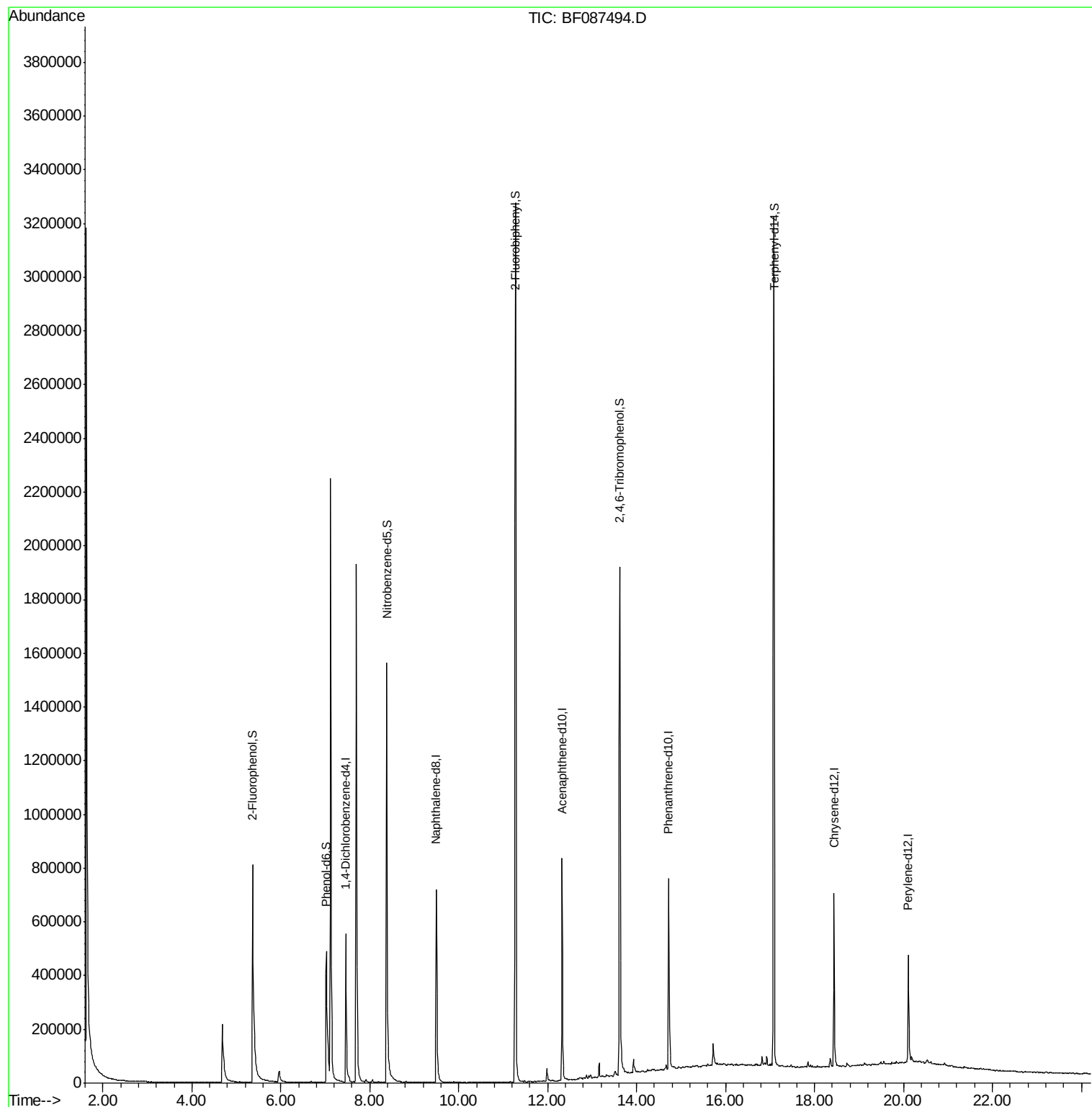
Target Compounds	Qvalue
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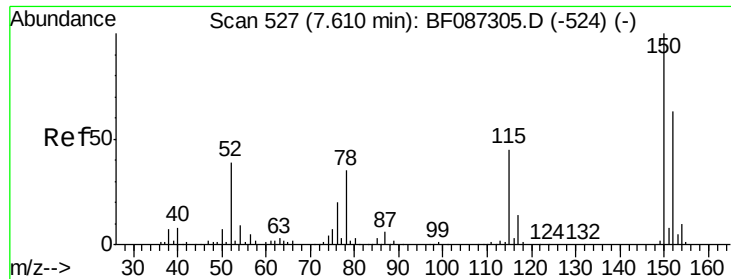
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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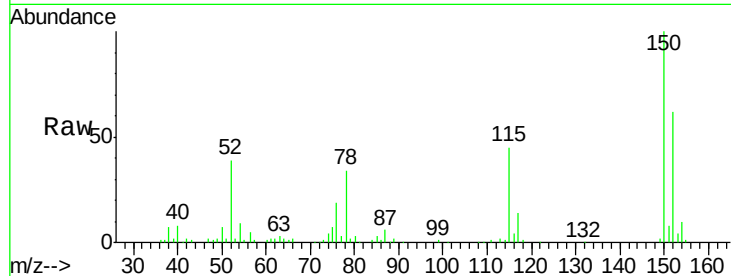


#1

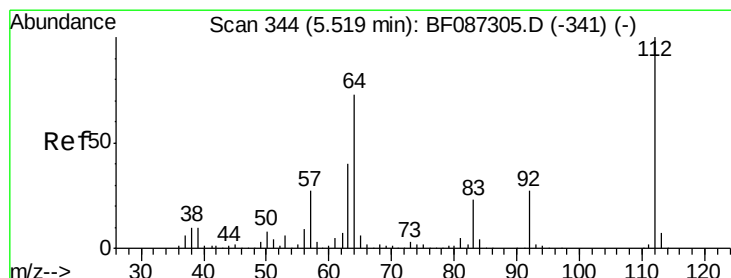
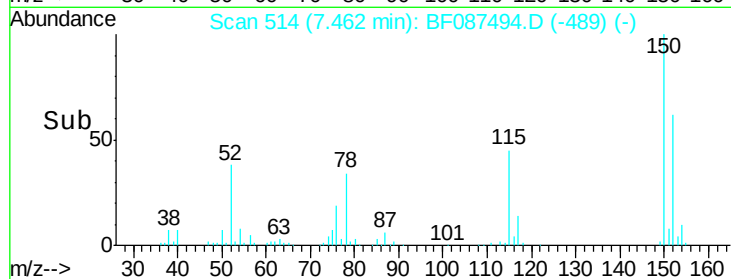
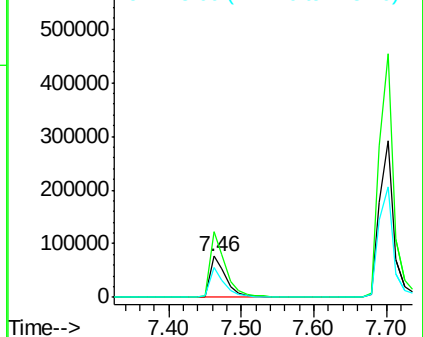
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087494.D
Acq: 28 May 2016 23:29

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 116282
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 72.1 51.5 77.3



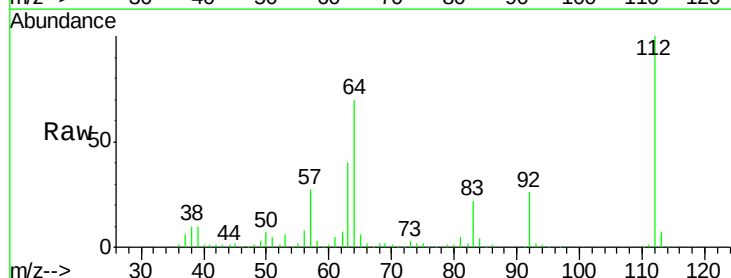
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



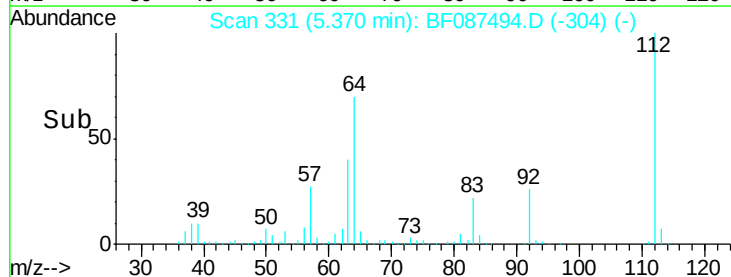
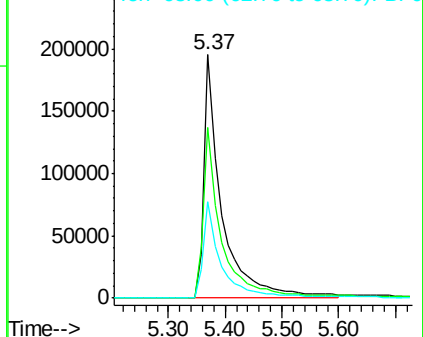
#5

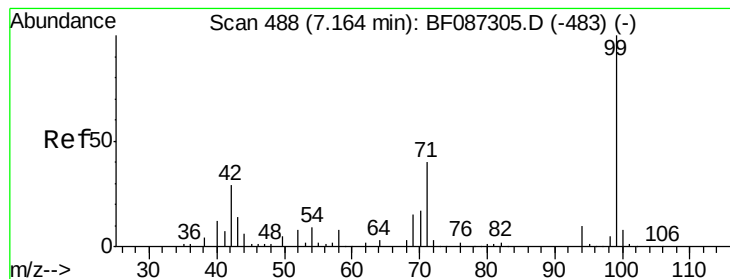
2-Fluorophenol
Concen: 62.66 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087494.D
Acq: 28 May 2016 23:29

Tgt Ion:112 Resp: 414667
Ion Ratio Lower Upper
112 100
64 70.4 52.1 78.1
63 39.7 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: 42.94 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087494.D

Acq: 28 May 2016 23:29

Instrument :

BNA_F

ClientSampleId :

MW-05

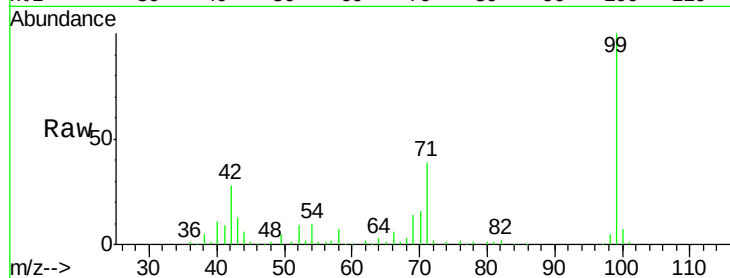
Tgt Ion: 99 Resp: 383930

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

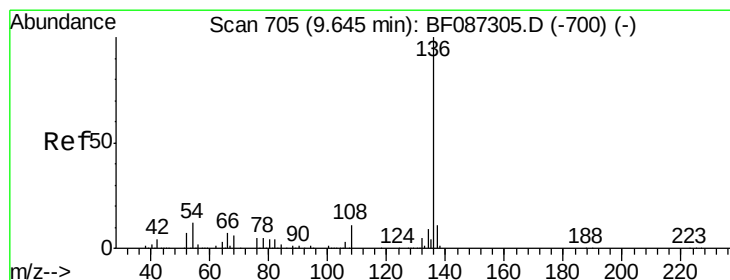
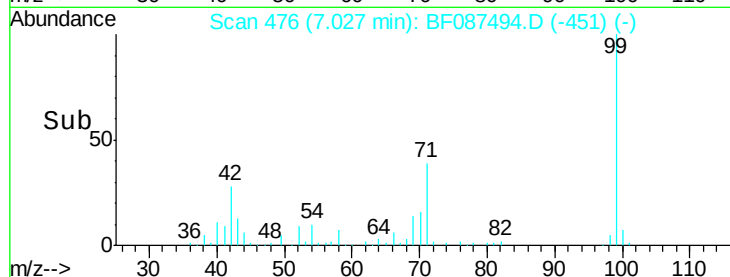
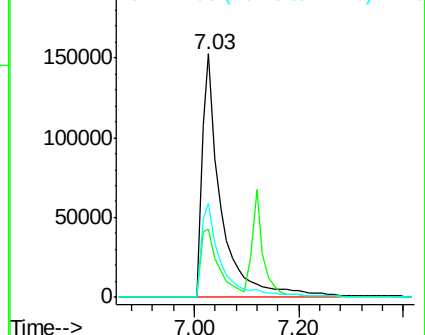
71 38.5 24.6 36.8#



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: BF087494.D

Acq: 28 May 2016 23:29

Tgt Ion: 136 Resp: 478183

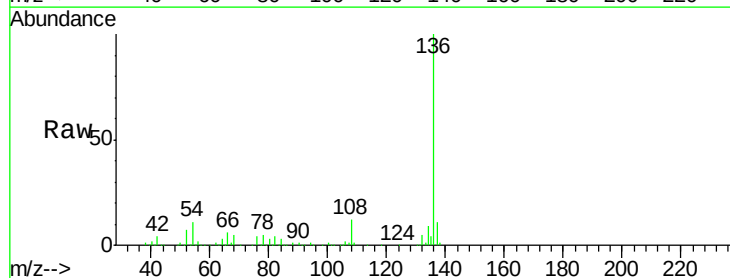
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.7 5.0 7.4#

68 5.4 4.4 6.6

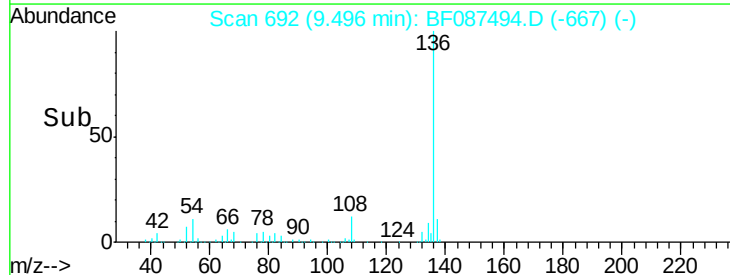
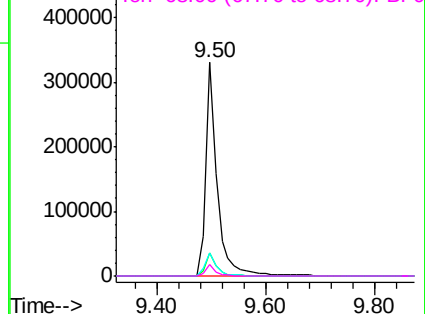


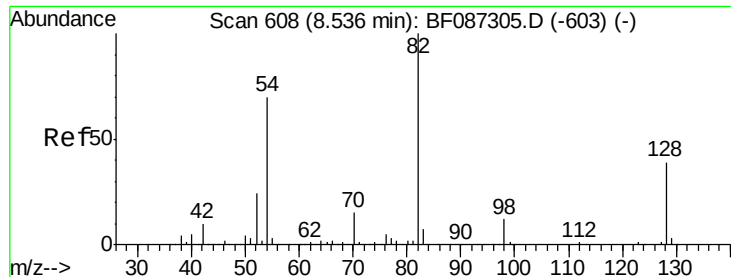
Abundance Ion 136.00 (135.70 to 136.70): E

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

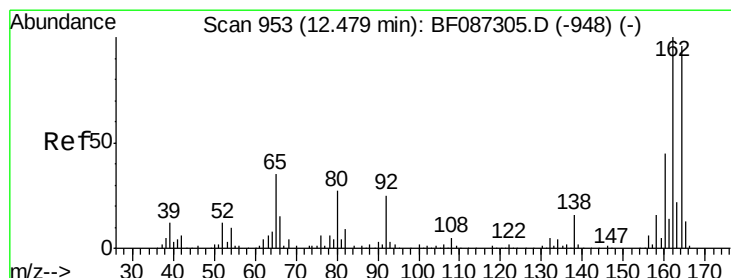
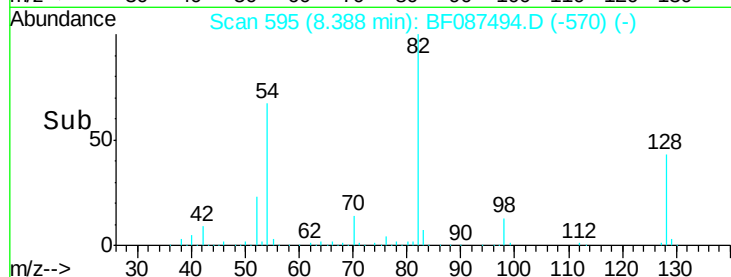
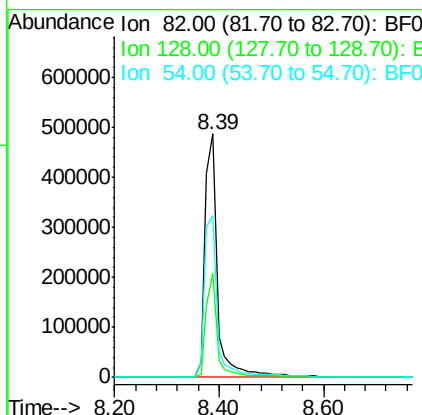
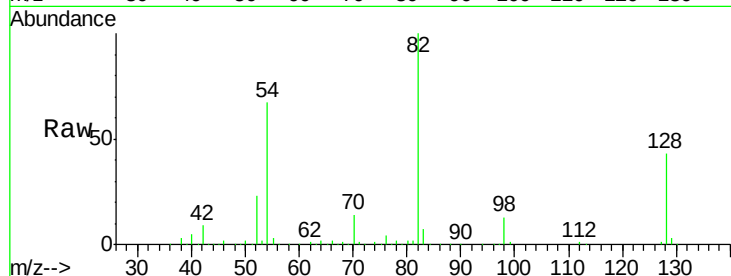




#23
 Nitrobenzene-d5
 Concen: 85.87 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087494.D
 Acq: 28 May 2016 23:29

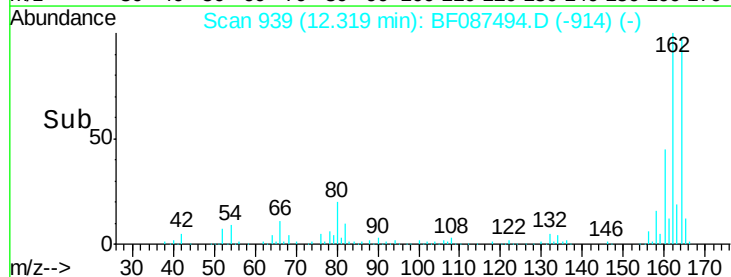
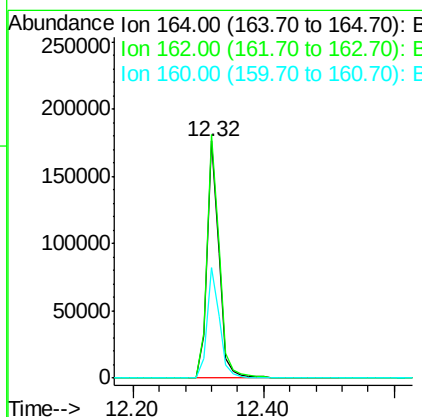
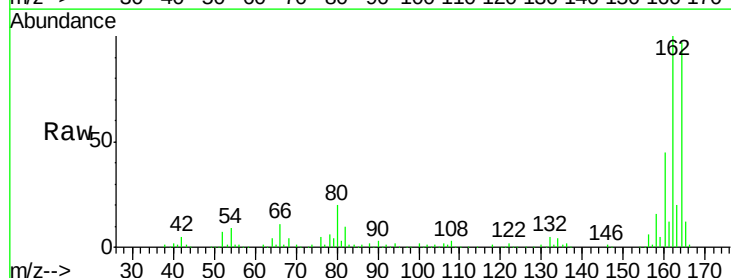
Instrument :
 BNA_F
 ClientSampled :
 MW-05

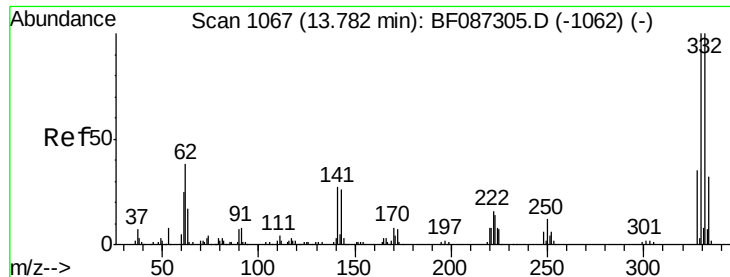
Tgt Ion: 82 Resp: 814705
 Ion Ratio Lower Upper
 82 100
 128 42.5 40.6 61.0
 54 66.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087494.D
 Acq: 28 May 2016 23:29

Tgt Ion: 164 Resp: 226317
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.5 36.9 55.3

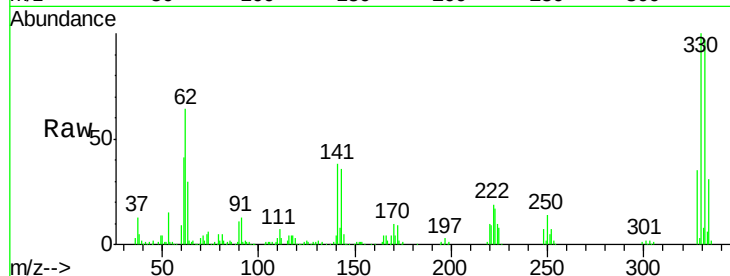




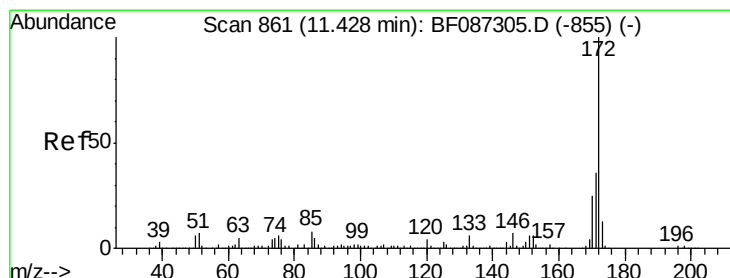
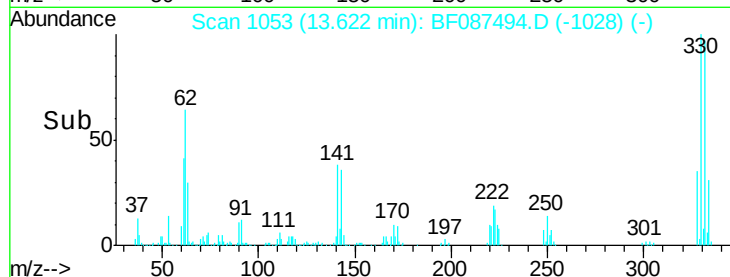
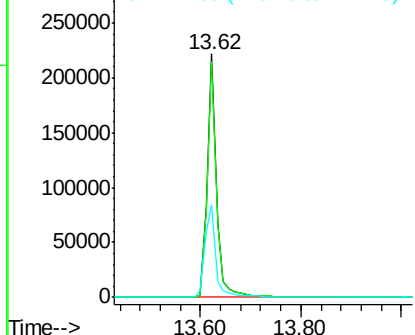
#41
 2,4,6-Tribromophenol
 Concen: 132.65 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087494.D
 Acq: 28 May 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	44.9	31.2	46.8

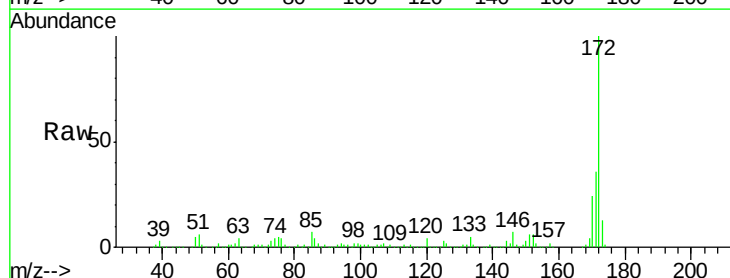


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

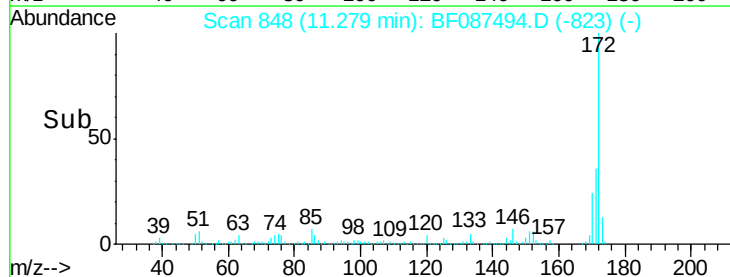
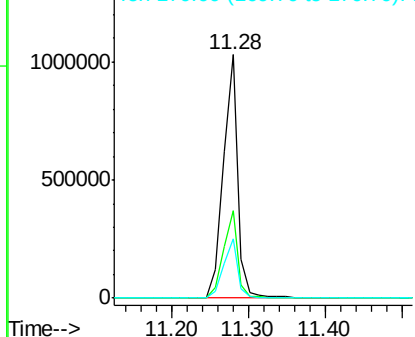


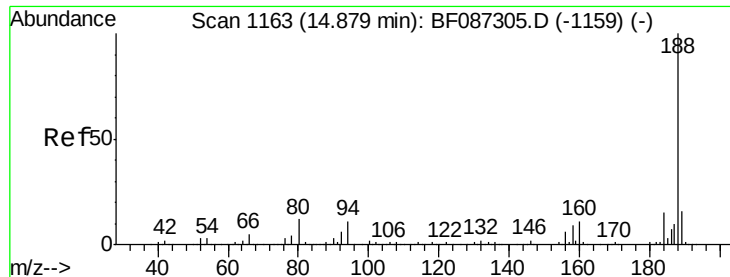
#44
 2-Fluorobiphenyl
 Concen: 86.07 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087494.D
 Acq: 28 May 2016 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.8	29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF087494.D

Acq: 28 May 2016 23:29

Instrument :

BNA_F

ClientSampleId :

MW-05

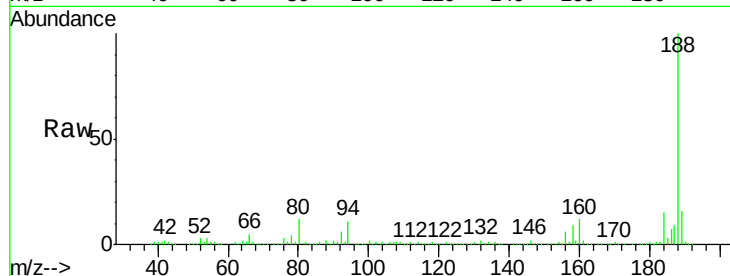
Tgt Ion:188 Resp: 414771

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

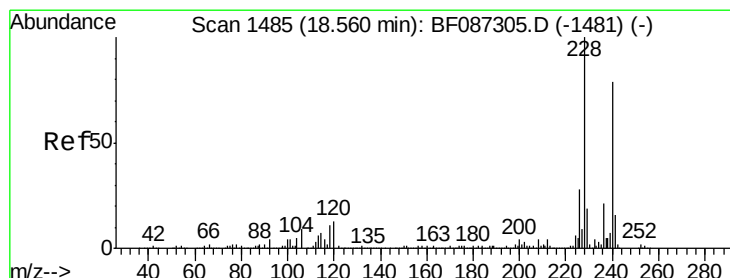
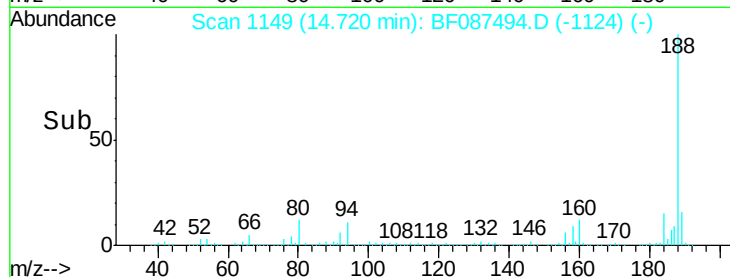
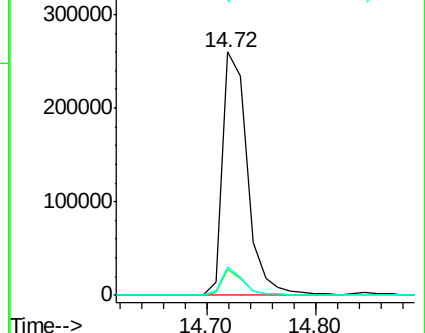
80 11.9 7.1 10.7#



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: BF087494.D

Acq: 28 May 2016 23:29

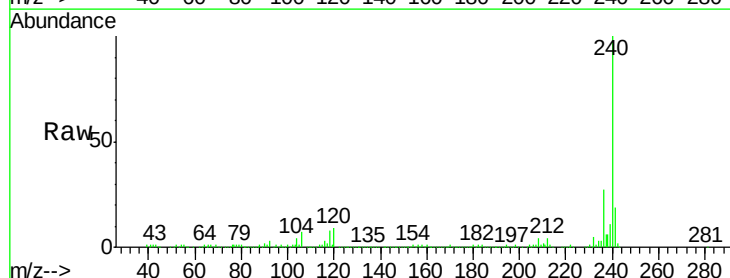
Tgt Ion:240 Resp: 297583

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

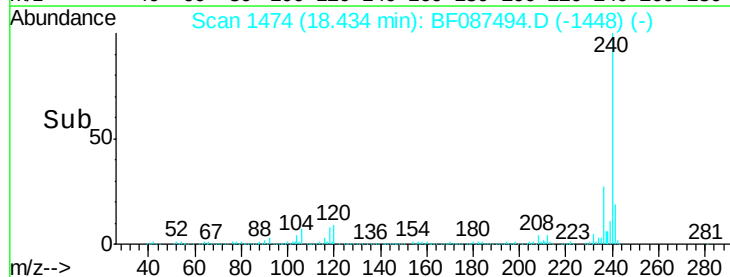
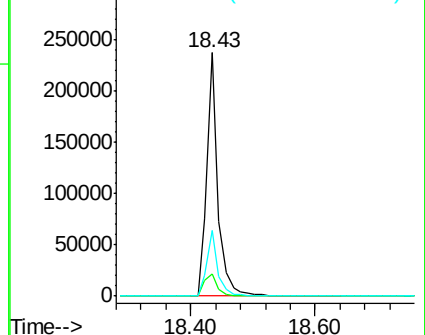
236 26.7 21.2 31.8

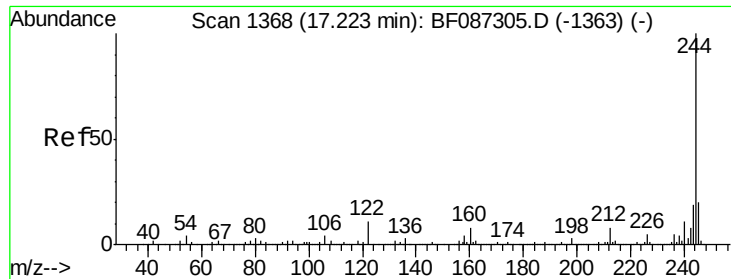


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.52 ng

RT: 17.09 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF087494.D

Acq: 28 May 2016 23:29

Instrument :

BNA_F

ClientSampleId :

MW-05

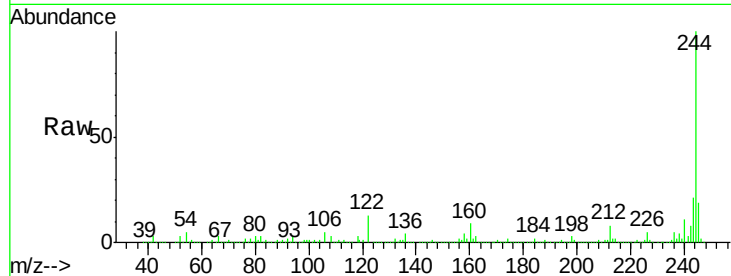
Tgt Ion:244 Resp: 1183072

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

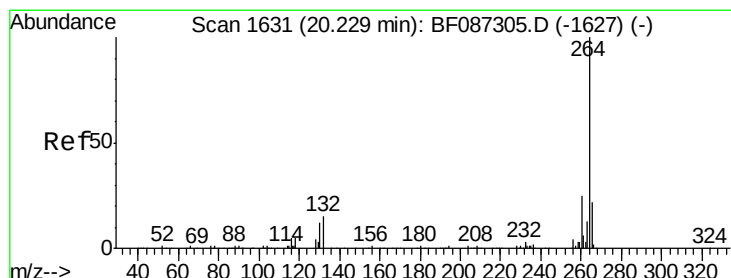
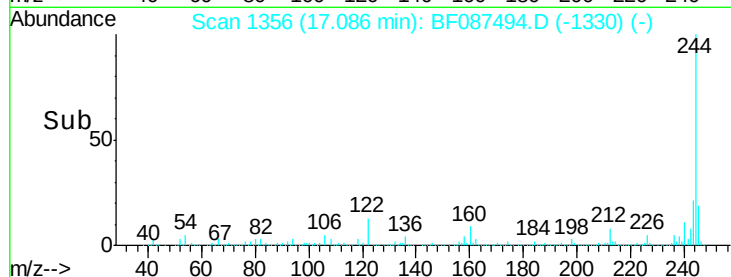
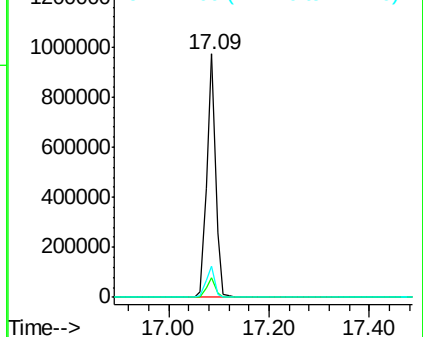
122 12.9 12.0 18.0



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: 20.10 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF087494.D

Acq: 28 May 2016 23:29

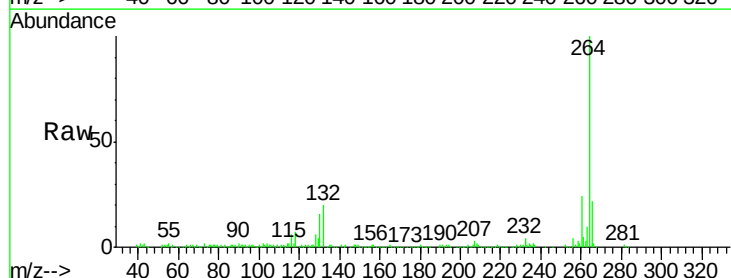
Tgt Ion:264 Resp: 217002

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.0 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

