

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087518.D
 Acq On : 29 May 2016 13:25
 Operator : UM/SJ
 Sample : H3222-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: May 30 05:05:02 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	103083	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	400958	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	187021	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	347302	20.00	ng	0.00
75) Chrysene-d12	18.43	240	267822	20.00	ng	0.00
86) Perylene-d12	20.11	264	206080	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	371529	63.33	ng	0.01
7) Phenol-d6	7.04	99	305514	38.54	ng	0.00
23) Nitrobenzene-d5	8.39	82	674153	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	226641	126.11	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1018128	76.75	ng	-0.01
78) Terphenyl-d14	17.09	244	862892	68.50	ng	0.00

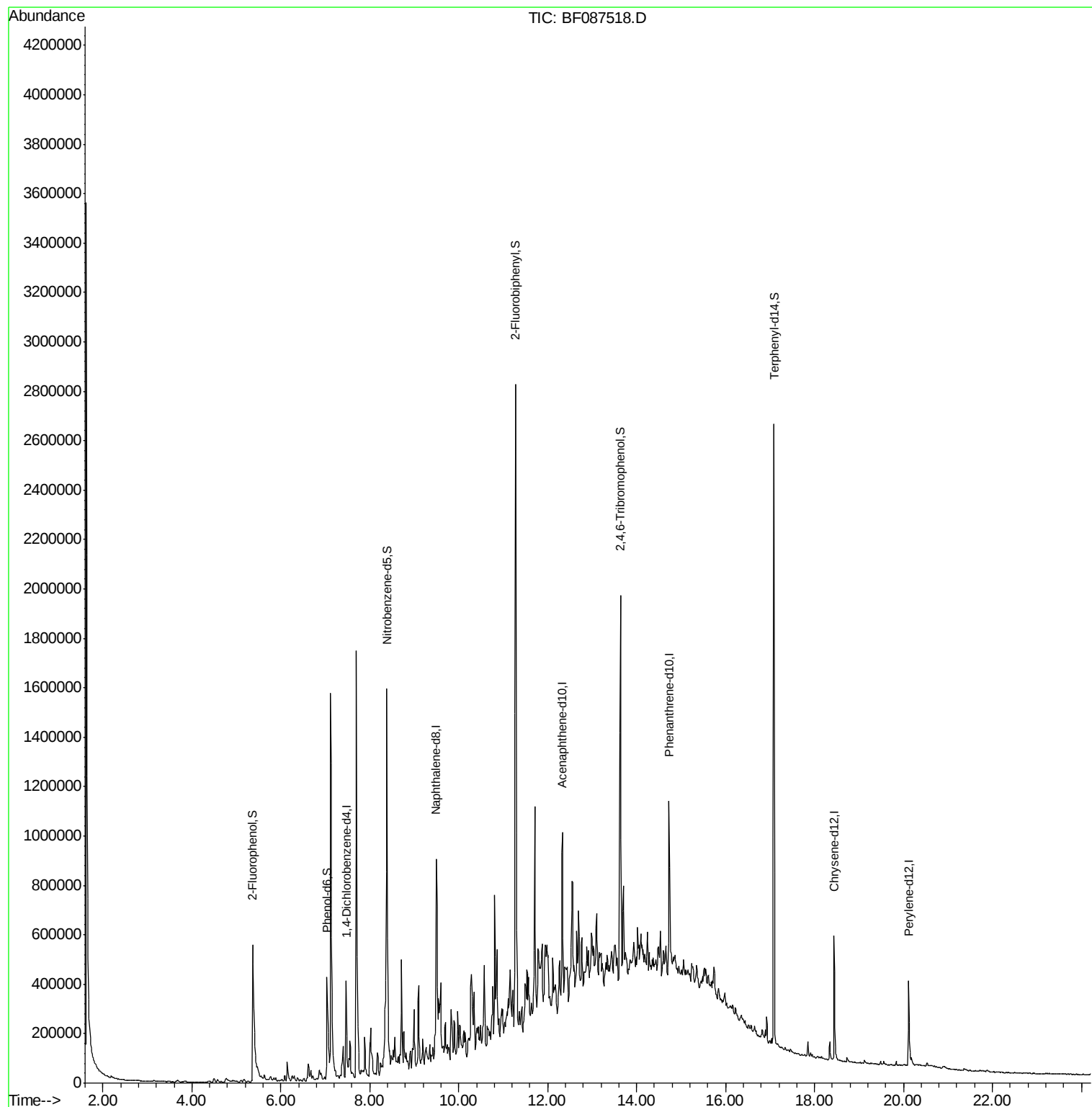
Target Compounds	Qvalue
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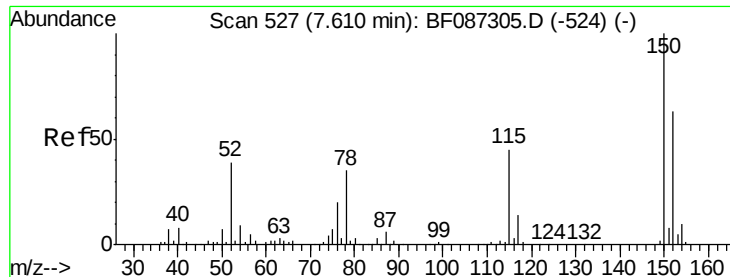
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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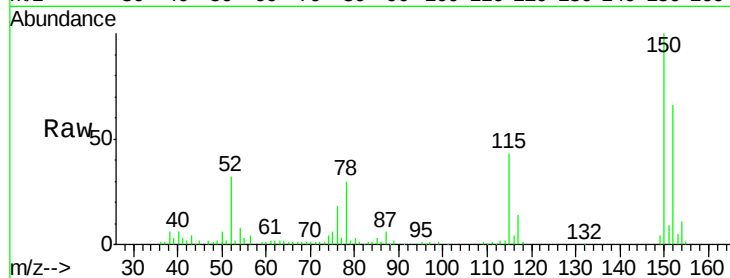


#1

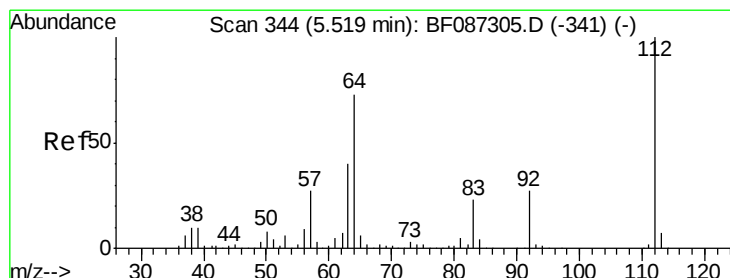
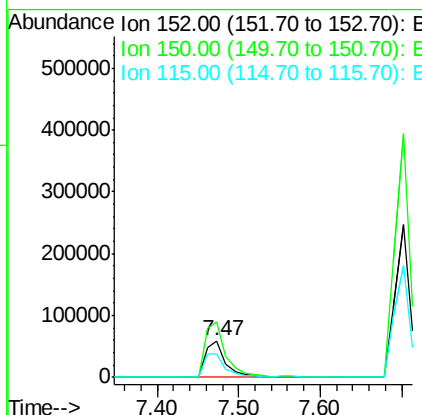
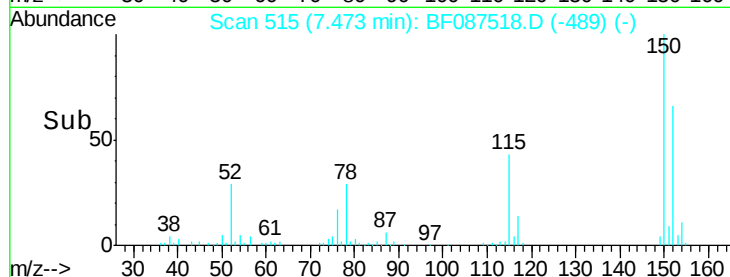
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampled :
MW-22

Tgt Ion:152 Resp: 103083
Ion Ratio Lower Upper
152 100
150 152.2 125.8 188.6
115 64.8 51.5 77.3



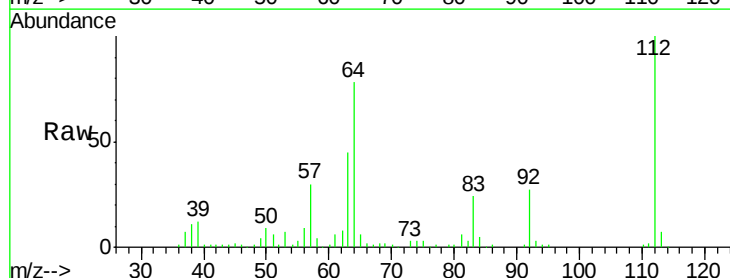
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



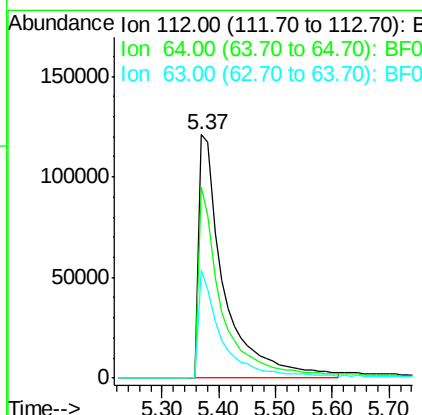
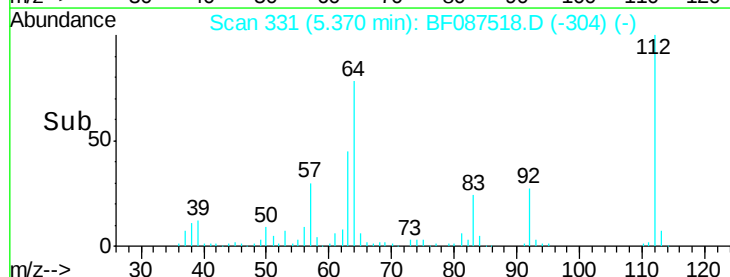
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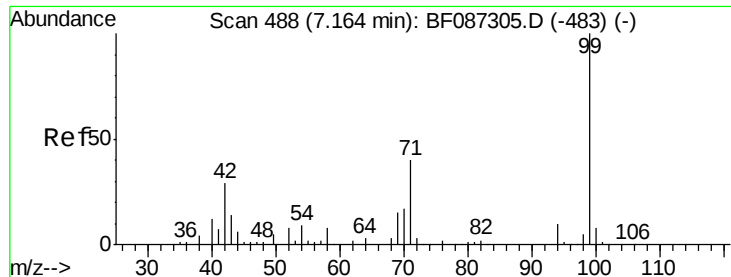
2-Fluorophenol
Concen: 63.33 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:112 Resp: 371529
Ion Ratio Lower Upper
112 100
64 78.4 52.1 78.1#
63 44.5 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: 38.54 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087518.D

Acq: 29 May 2016 13:25

Instrument :

BNA_F

ClientSampleId :

MW-22

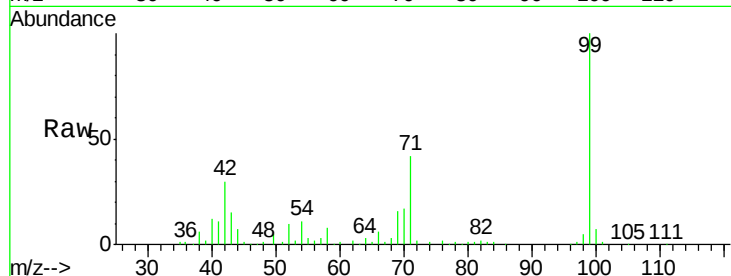
Tgt Ion: 99 Resp: 305514

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

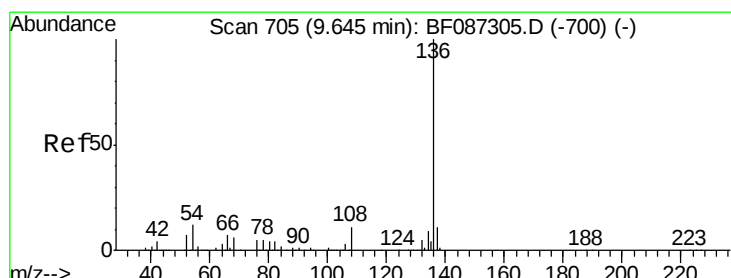
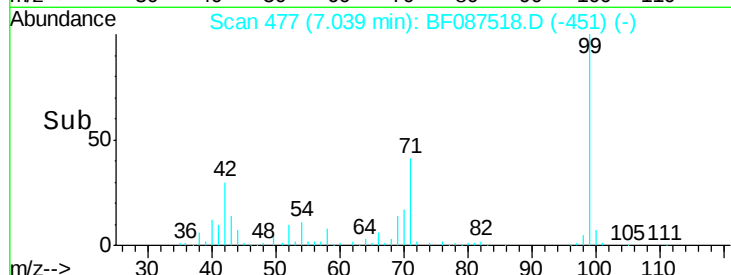
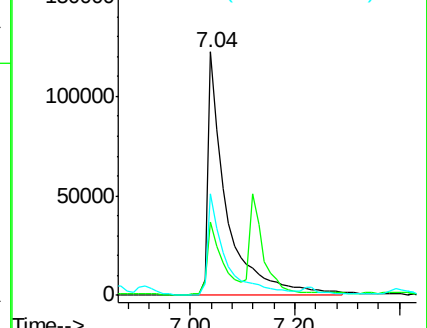
71 41.7 24.6 36.8#



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: BF087518.D

Acq: 29 May 2016 13:25

Tgt Ion: 136 Resp: 400958

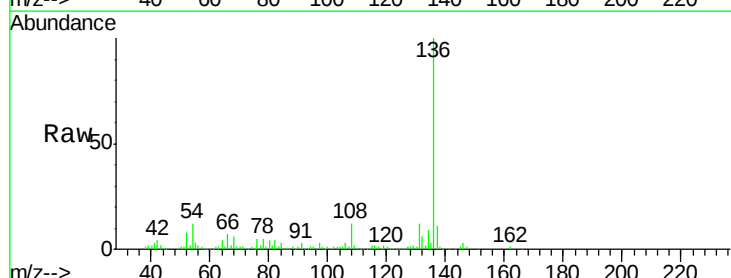
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.0 5.0 7.4#

68 5.7 4.4 6.6

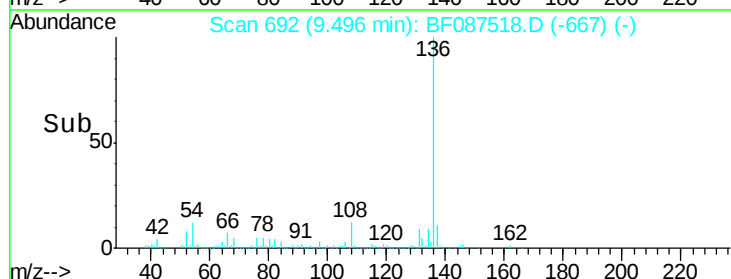
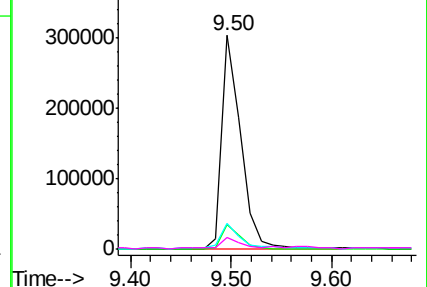


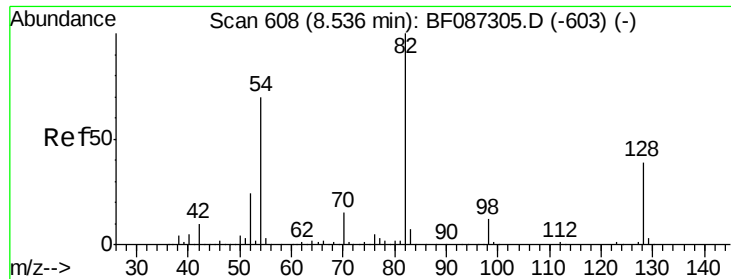
Abundance Ion 136.00 (135.70 to 136.70): E

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

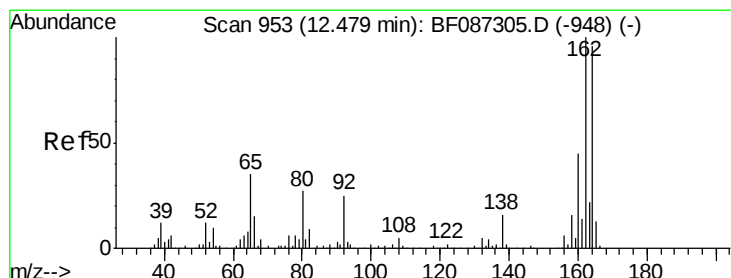
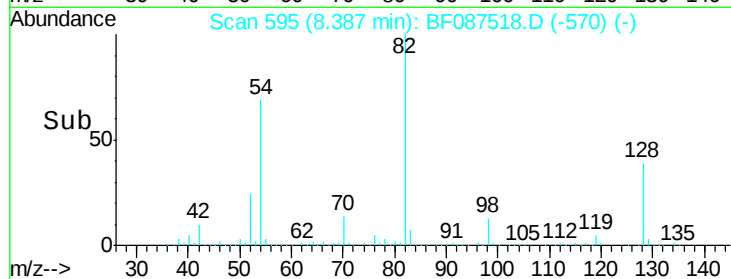
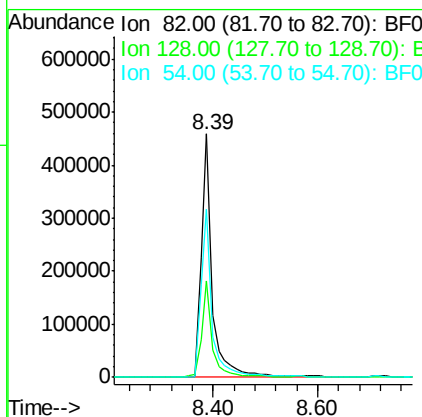
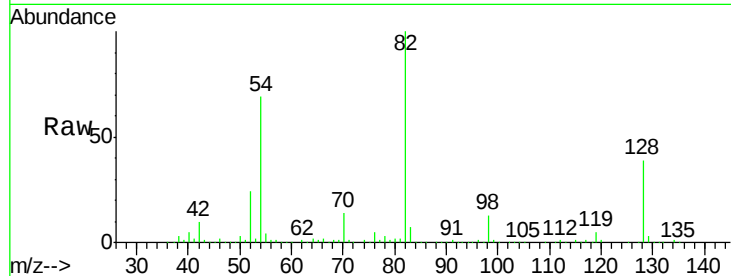




#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087518.D
 Acq: 29 May 2016 13:25

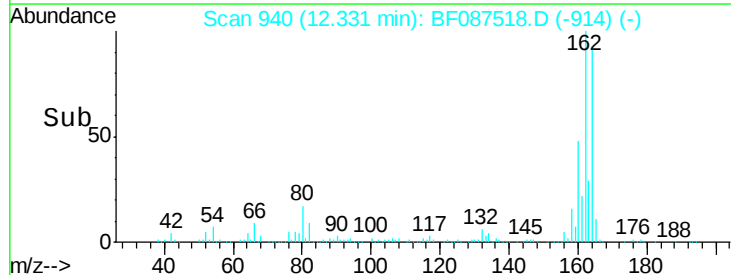
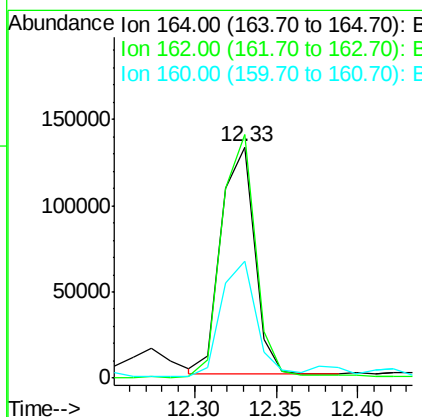
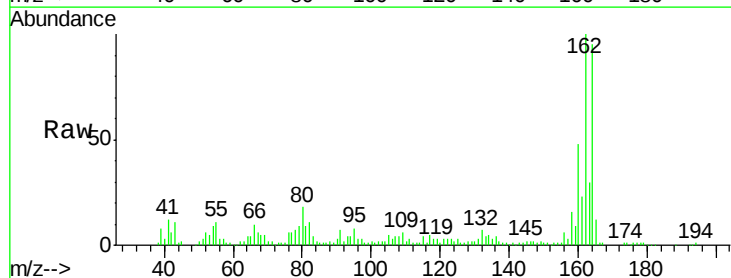
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

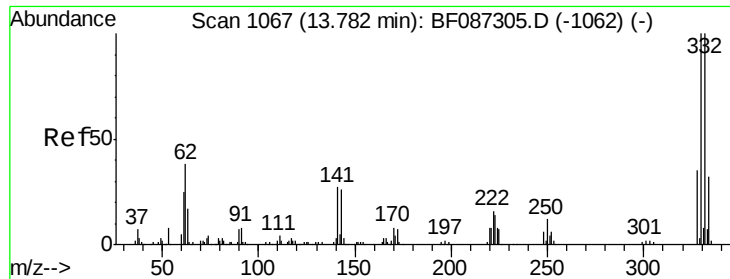
Tgt Ion: 82 Resp: 674153
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 69.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087518.D
 Acq: 29 May 2016 13:25

Tgt Ion: 164 Resp: 187021
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.8 124.2
 160 50.8 36.9 55.3

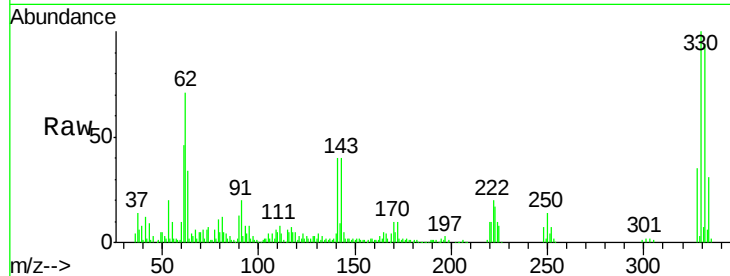




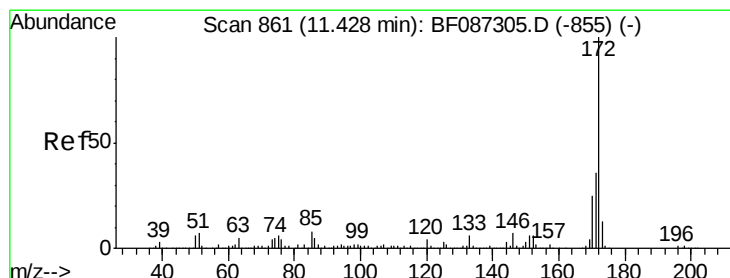
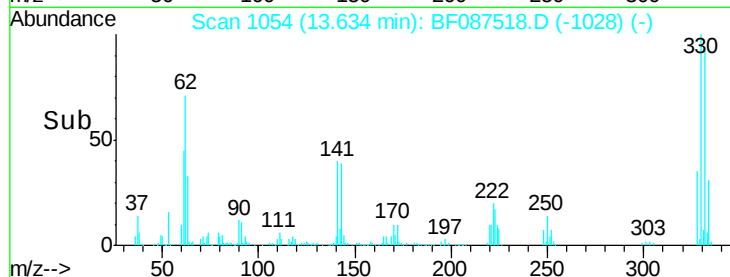
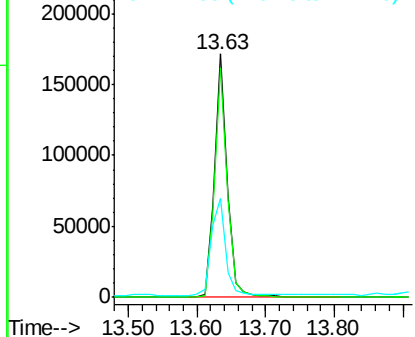
#41
 2,4,6-Tribromophenol
 Concen: 126.11 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087518.D
 Acq: 29 May 2016 13:25

Instrument :
 BNA_F
 ClientSampled :
 MW-22

Tgt Ion:330 Resp: 226641
 Ion Ratio Lower Upper
 330 100
 332 94.7 79.0 118.4
 141 44.4 31.2 46.8

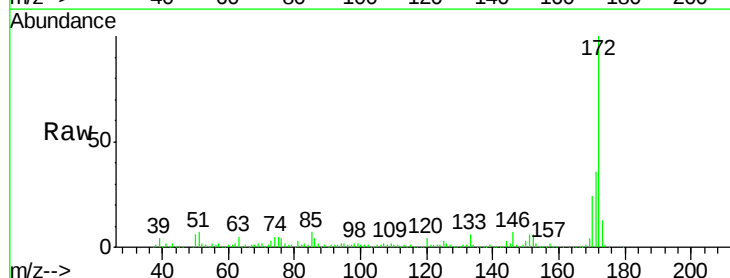


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

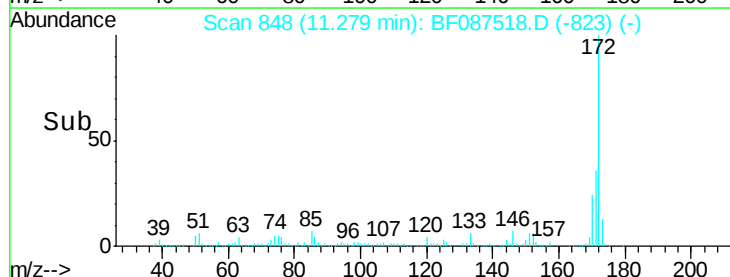
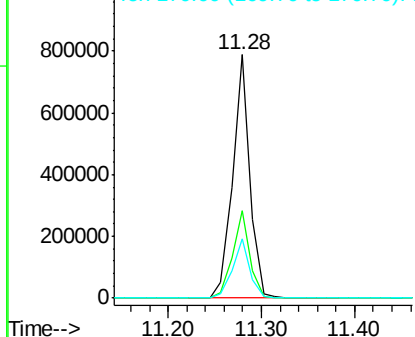


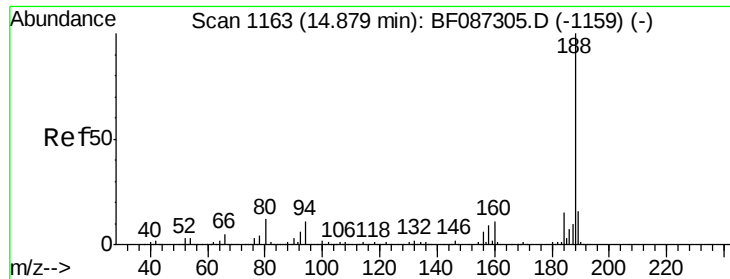
#44
 2-Fluorobiphenyl
 Concen: 76.75 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087518.D
 Acq: 29 May 2016 13:25

Tgt Ion:172 Resp: 1018128
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.2 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

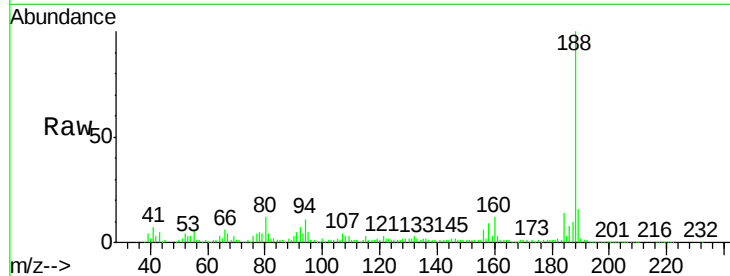




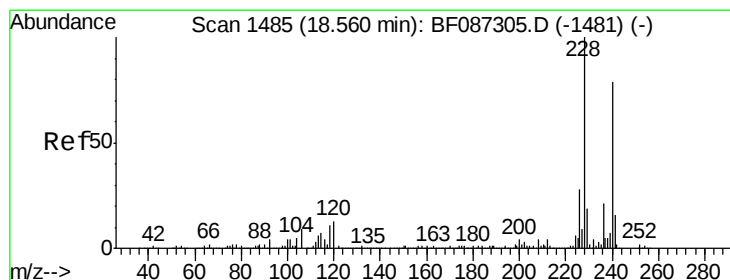
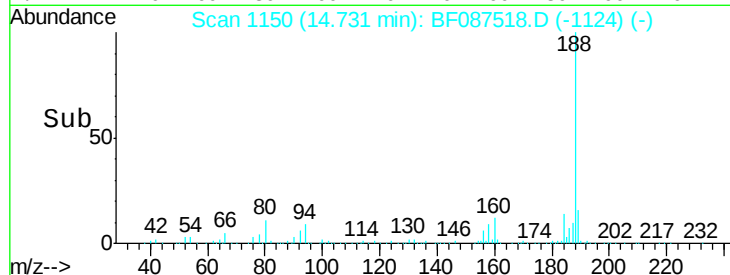
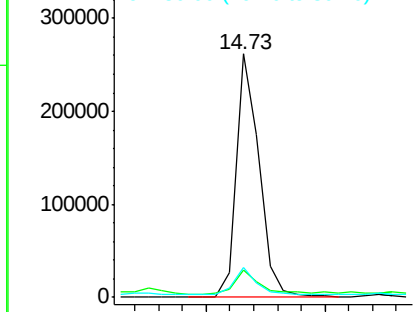
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 347302
Ion Ratio Lower Upper
188 100
94 11.0 6.8 10.2#
80 12.4 7.1 10.7#

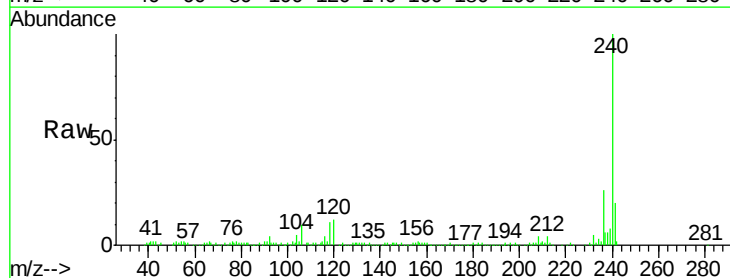


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

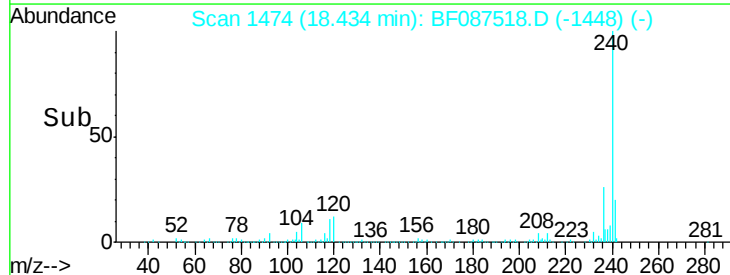
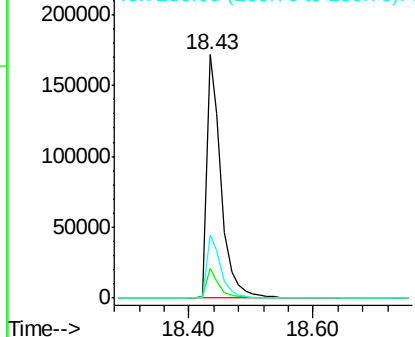


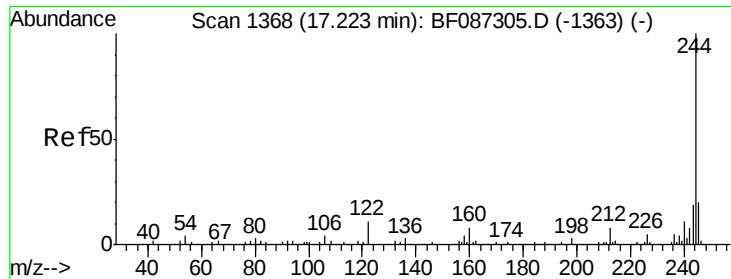
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:240 Resp: 267822
Ion Ratio Lower Upper
240 100
120 12.4 11.2 16.8
236 26.2 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: 68.50 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087518.D

Acq: 29 May 2016 13:25

Instrument :

BNA_F

ClientSampleId :

MW-22

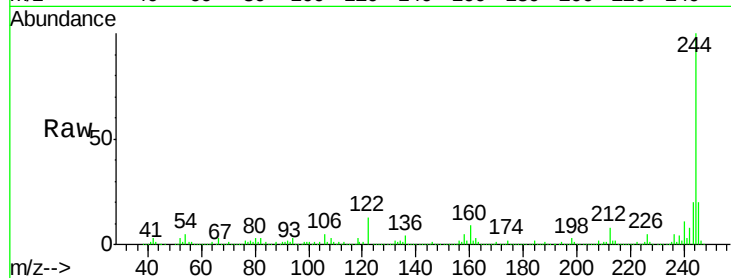
Tgt Ion:244 Resp: 862892

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

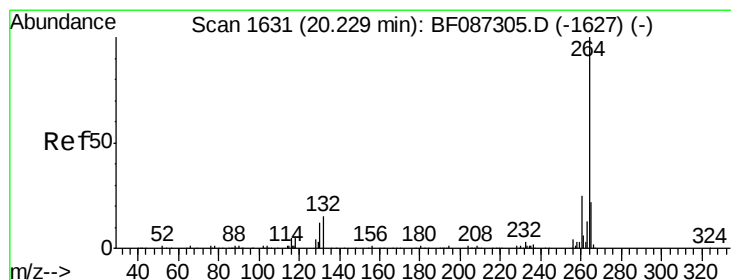
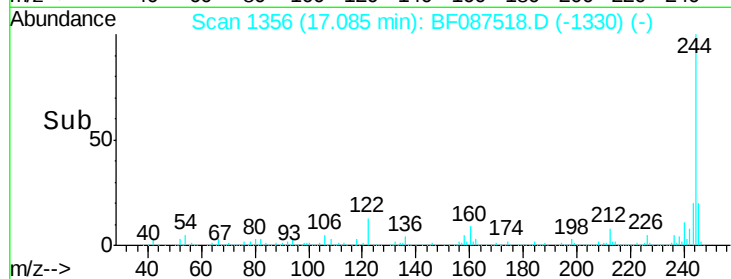
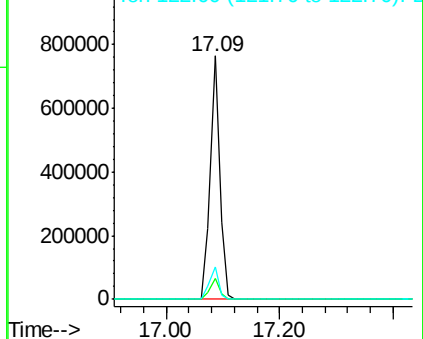
122 13.1 12.0 18.0



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: BF087518.D

Acq: 29 May 2016 13:25

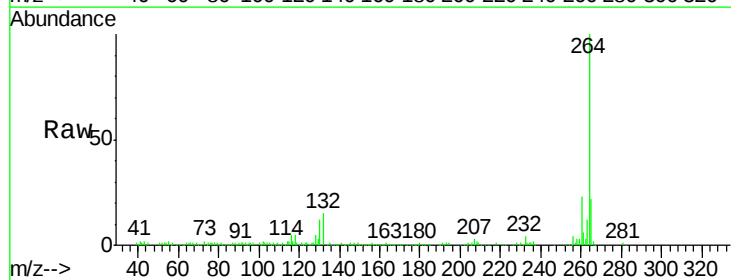
Tgt Ion:264 Resp: 206080

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.6 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

