

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087551.D
 Acq On : 30 May 2016 15:20
 Operator : UM/SJ
 Sample : H3317-05
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: May 31 01:26:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	110173	20.00	ng	0.01
21) Naphthalene-d8	9.51	136	451702	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	204423	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	372226	20.00	ng	0.00
75) Chrysene-d12	18.47	240	249112	20.00	ng	0.02
86) Perylene-d12	20.16	264	195071	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	334737	53.39	ng	0.02
7) Phenol-d6	7.05	99	240158	28.35	ng	0.01
23) Nitrobenzene-d5	8.39	82	789620	88.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	243672	124.04	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1291802	89.09	ng	-0.01
78) Terphenyl-d14	17.09	244	998155	85.19	ng	-0.01

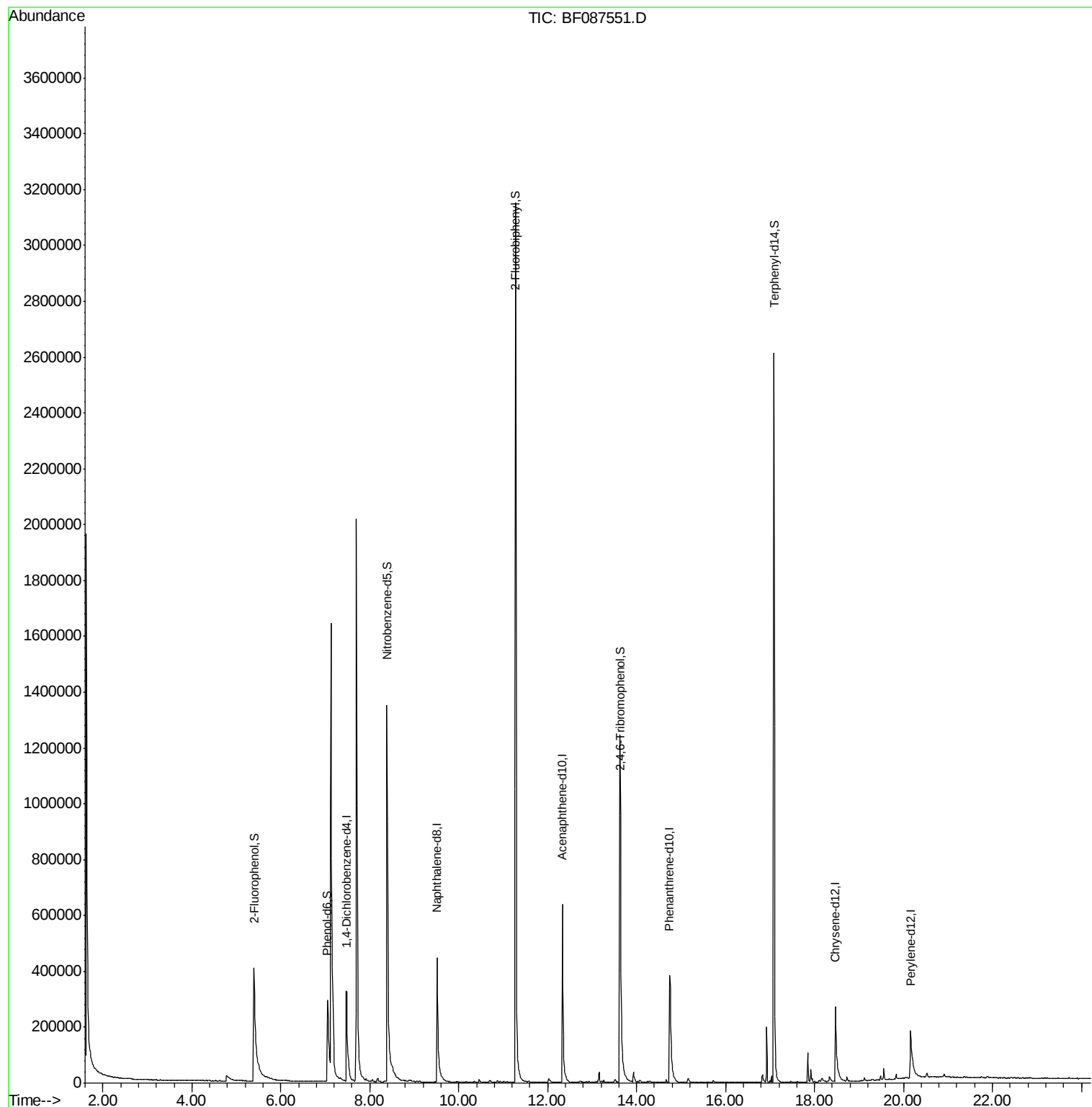
Target Compounds Qvalue

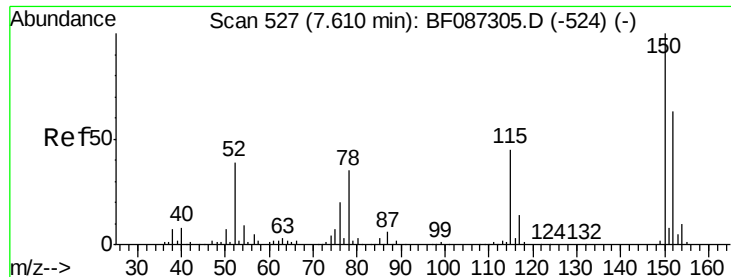
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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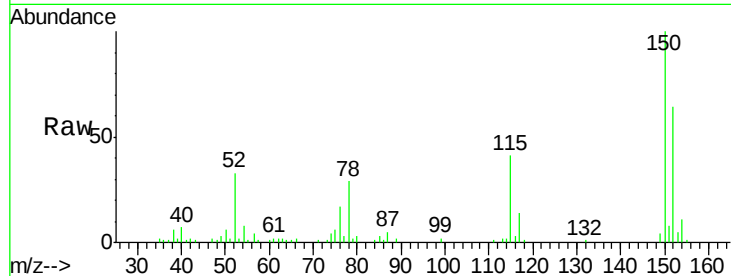


#1

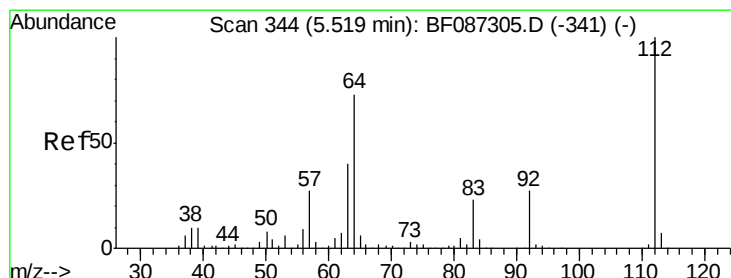
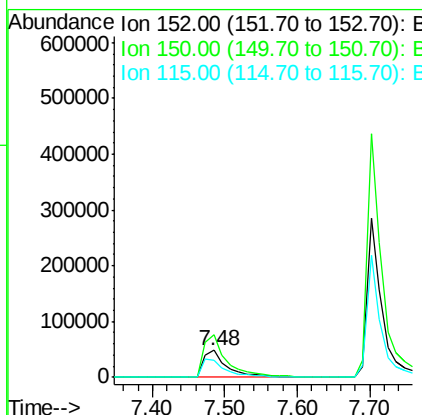
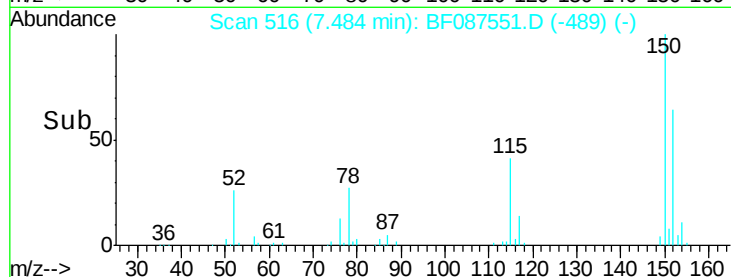
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087551.D
Acq: 30 May 2016 15:20

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:152 Resp: 110173
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 64.4 51.5 77.3



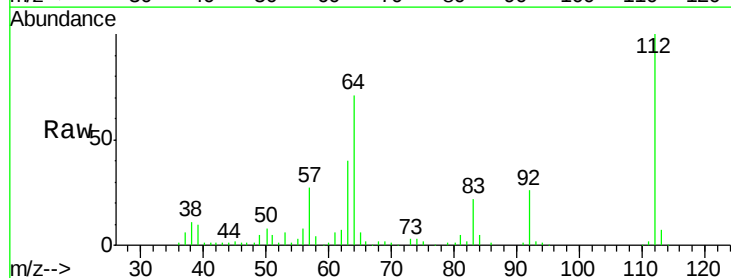
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



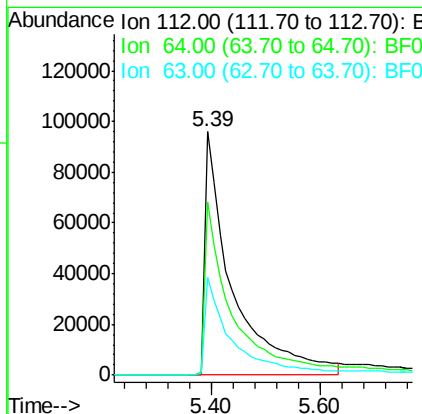
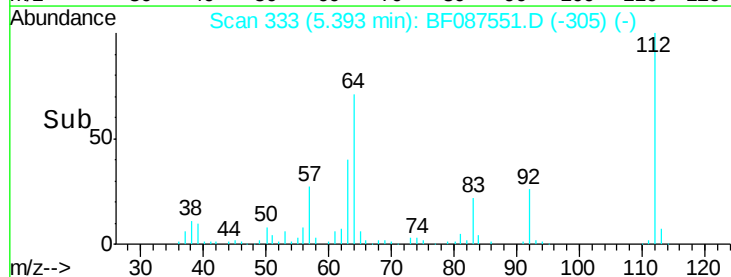
#5

2-Fluorophenol
Concen: 53.39 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087551.D
Acq: 30 May 2016 15:20

Tgt Ion:112 Resp: 334737
Ion Ratio Lower Upper
112 100
64 70.9 52.1 78.1
63 40.1 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: 28.35 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087551.D

Acq: 30 May 2016 15:20

Instrument :

BNA_F

ClientSampleId :

MW-20

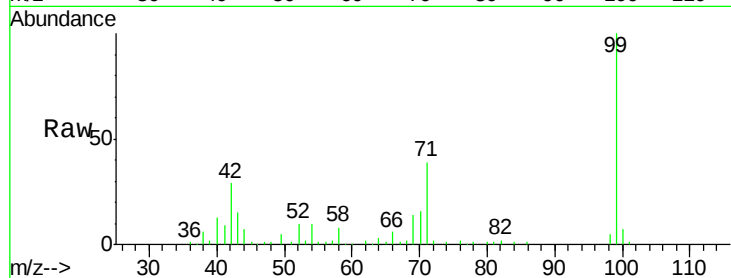
Tot Ion: 99 Resp: 240158

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

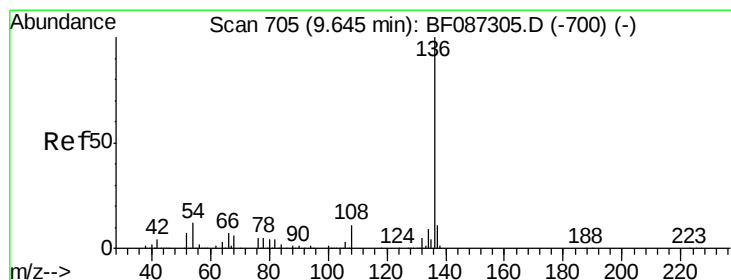
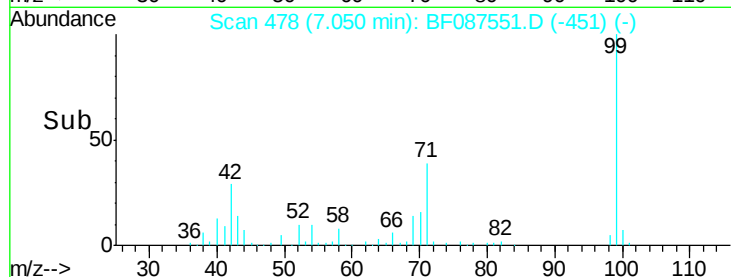
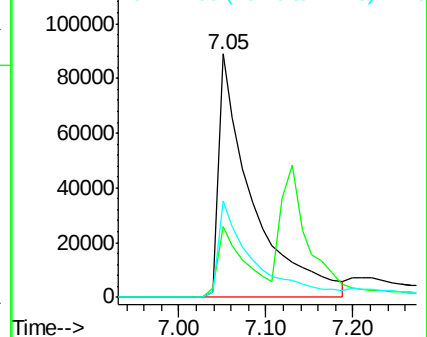
71 39.5 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087551.D

Acq: 30 May 2016 15:20

Tgt Ion: 136 Resp: 451702

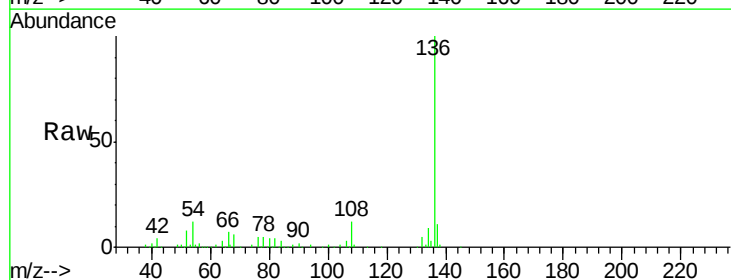
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.3 5.0 7.4#

68 5.7 4.4 6.6

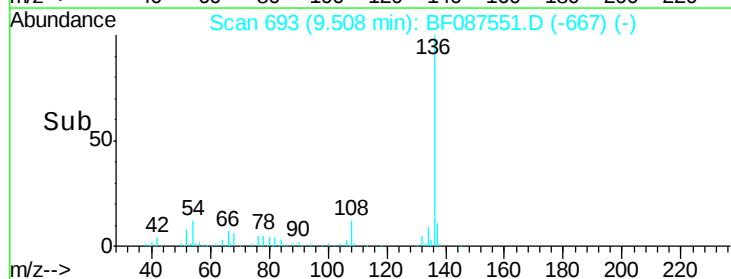
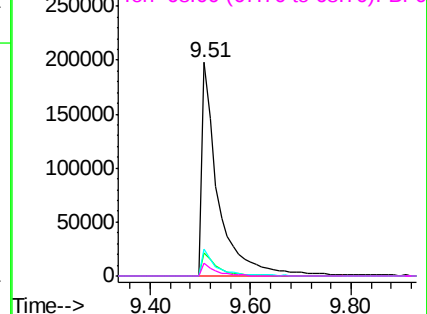


Abundance Ion 136.00 (135.70 to 136.70): E

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

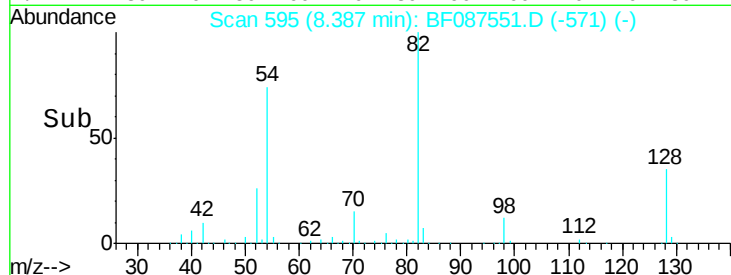
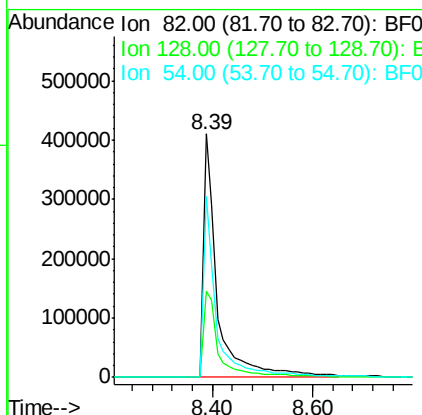
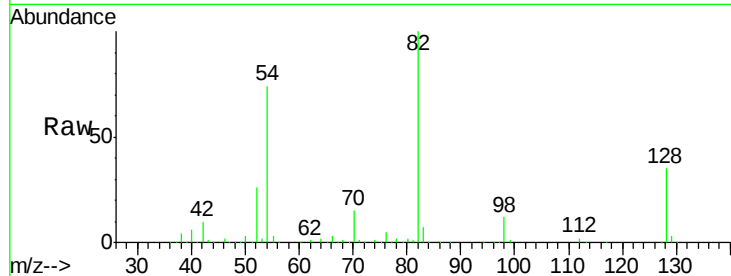




#23
 Nitrobenzene-d5
 Concen: 88.10 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

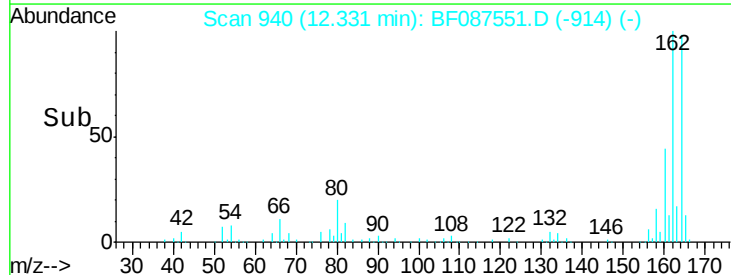
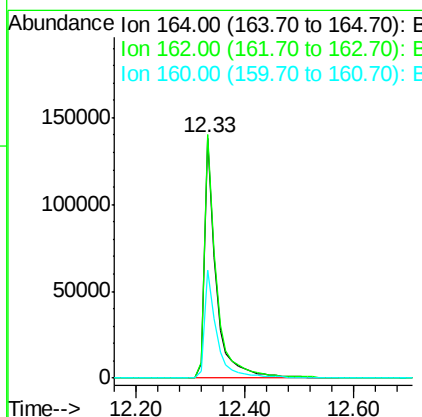
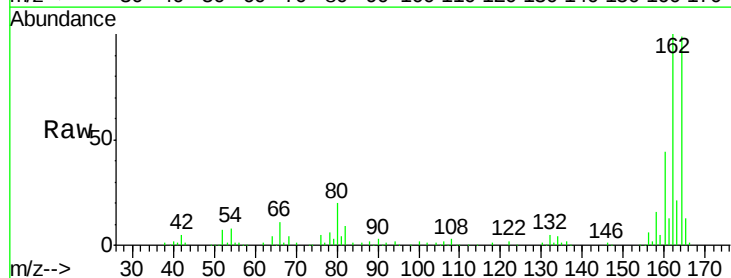
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

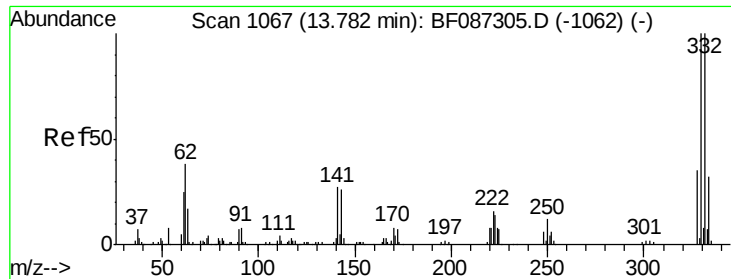
Tot Ion: 82 Resp: 789620
 Ion Ratio Lower Upper
 82 100
 128 35.2 40.6 61.0#
 54 74.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

Tgt Ion: 164 Resp: 204423
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 45.0 36.9 55.3

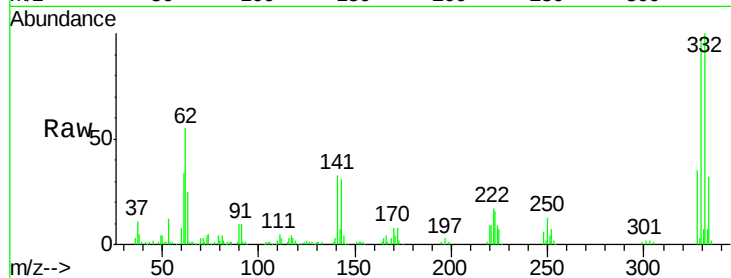




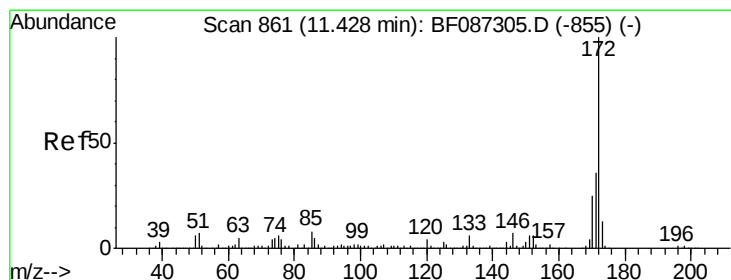
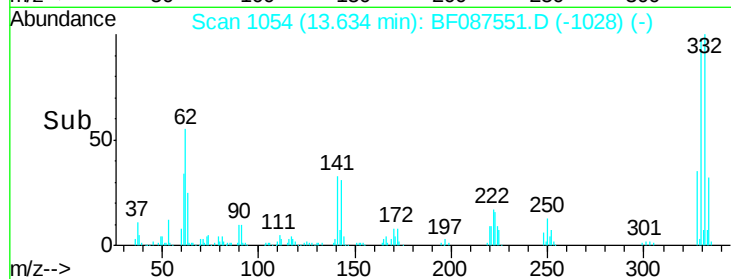
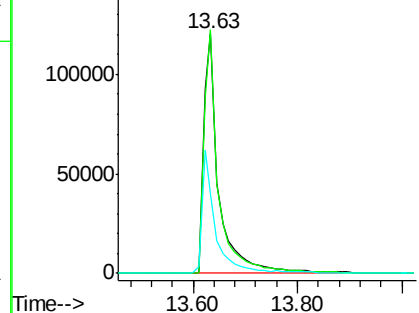
#41
 2,4,6-Tribromophenol
 Concen: 124.04 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 243672
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 45.9 31.2 46.8

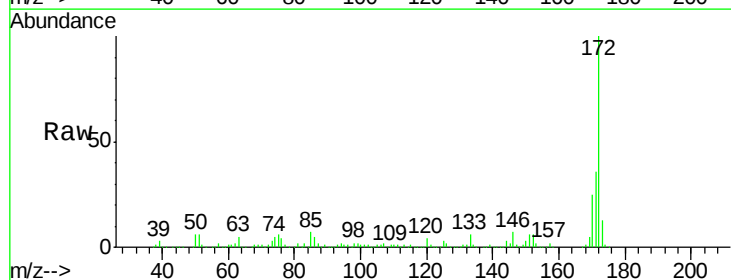


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

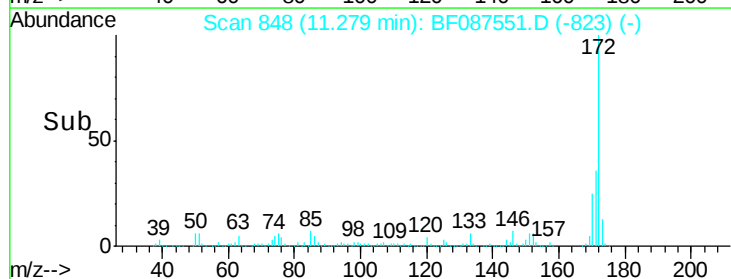
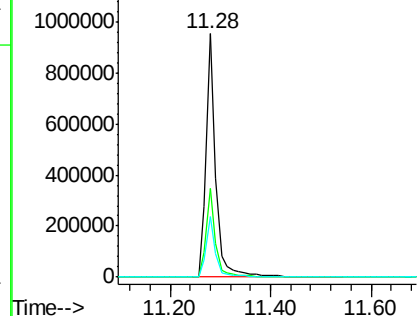


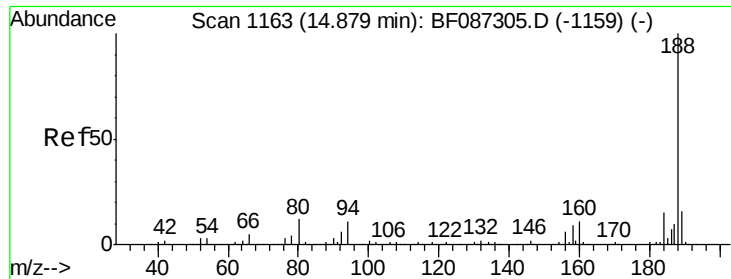
#44
 2-Fluorobiphenyl
 Concen: 89.09 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

Tgt Ion:172 Resp: 1291802
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.7 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

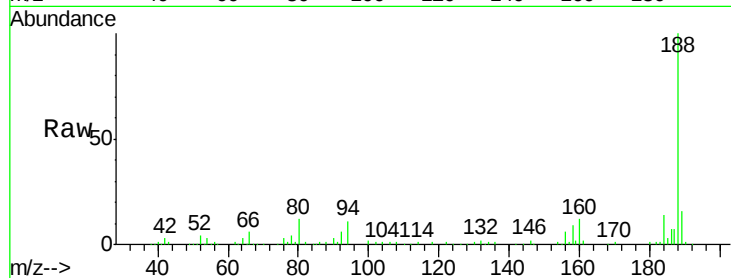




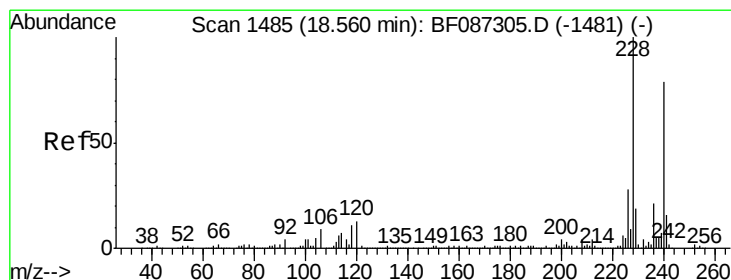
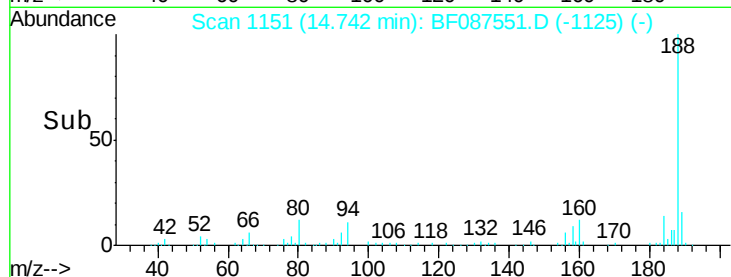
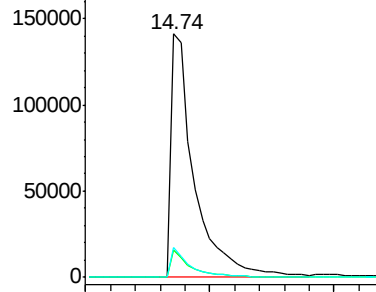
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:188 Resp: 372226
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.8 10.2#
 80 12.4 7.1 10.7#

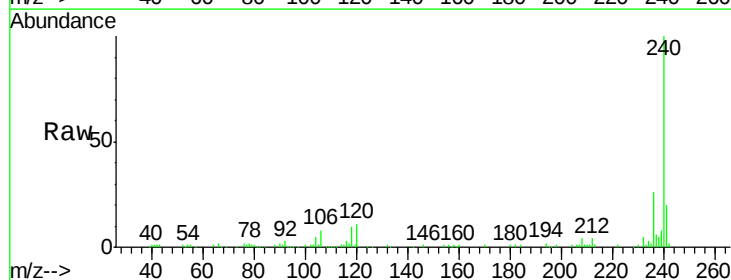


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

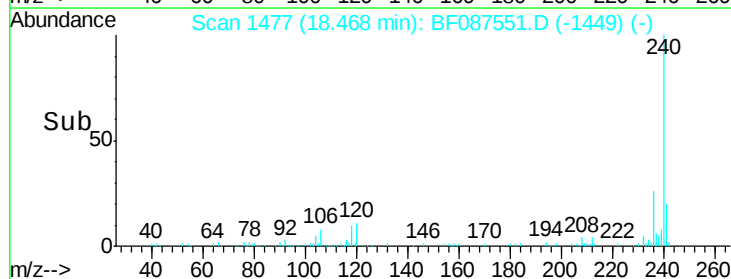
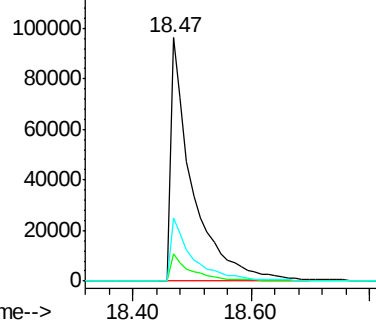


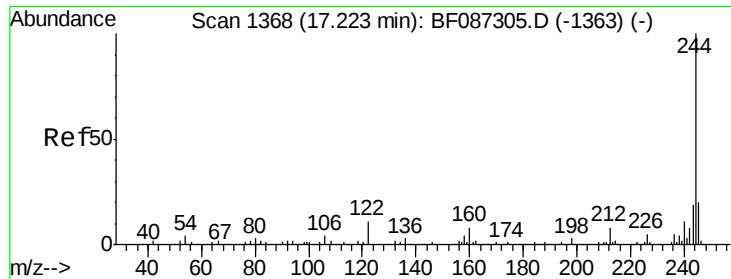
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: BF087551.D
 Acq: 30 May 2016 15:20

Tgt Ion:240 Resp: 249112
 Ion Ratio Lower Upper
 240 100
 120 11.3 11.2 16.8
 236 26.0 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: 85.19 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087551.D

Acq: 30 May 2016 15:20

Instrument :

BNA_F

ClientSampled :

MW-20

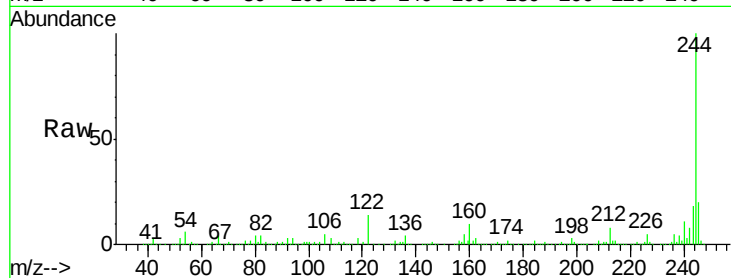
Tot Ion:244 Resp: 998155

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

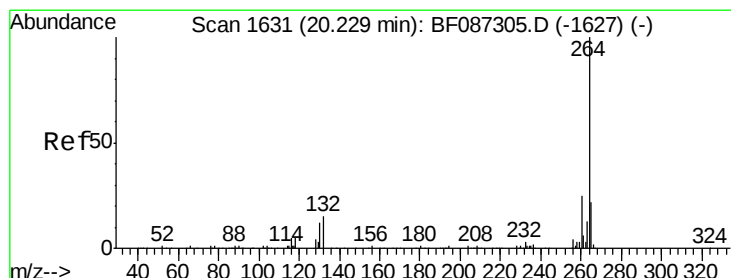
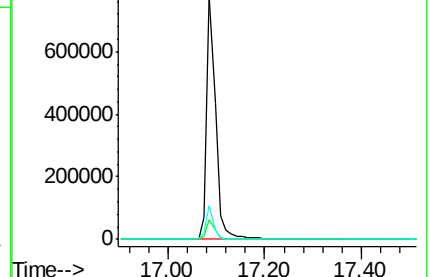
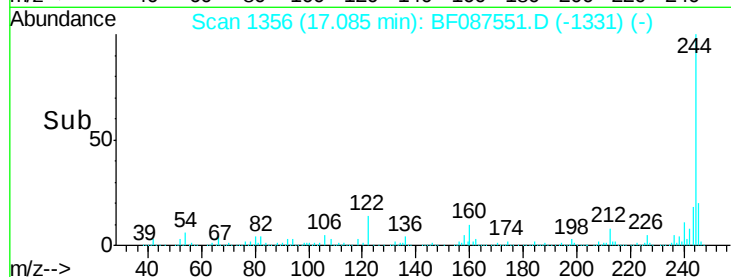
122 14.0 12.0 18.0



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: 20.16 min Scan# 1625

Delta R.T. 0.03 min

Lab File: BF087551.D

Acq: 30 May 2016 15:20

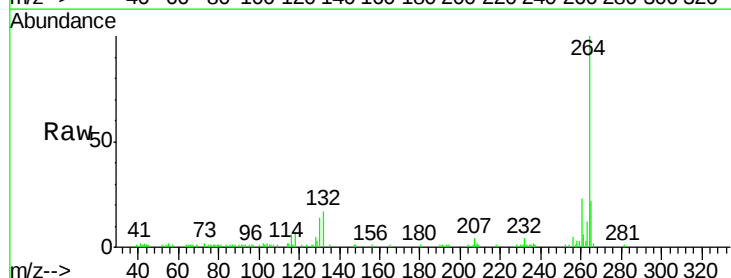
Tgt Ion:264 Resp: 195071

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.7 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

