

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087529.D
 Acq On : 30 May 2016 1:06
 Operator : UM/SJ
 Sample : H3222-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: May 30 07:16:01 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 07:00:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	112971	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	434443	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	202009	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	374120	20.00	ng	0.00
75) Chrysene-d12	18.46	240	267488	20.00	ng	0.01
86) Perylene-d12	20.14	264	213379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	465350	72.38	ng	0.00
7) Phenol-d6	7.03	99	379858	43.73	ng	-0.01
23) Nitrobenzene-d5	8.39	82	695132	80.64	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	232664	119.85	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1198000	83.61	ng	-0.01
78) Terphenyl-d14	17.09	244	1091461	86.75	ng	-0.01

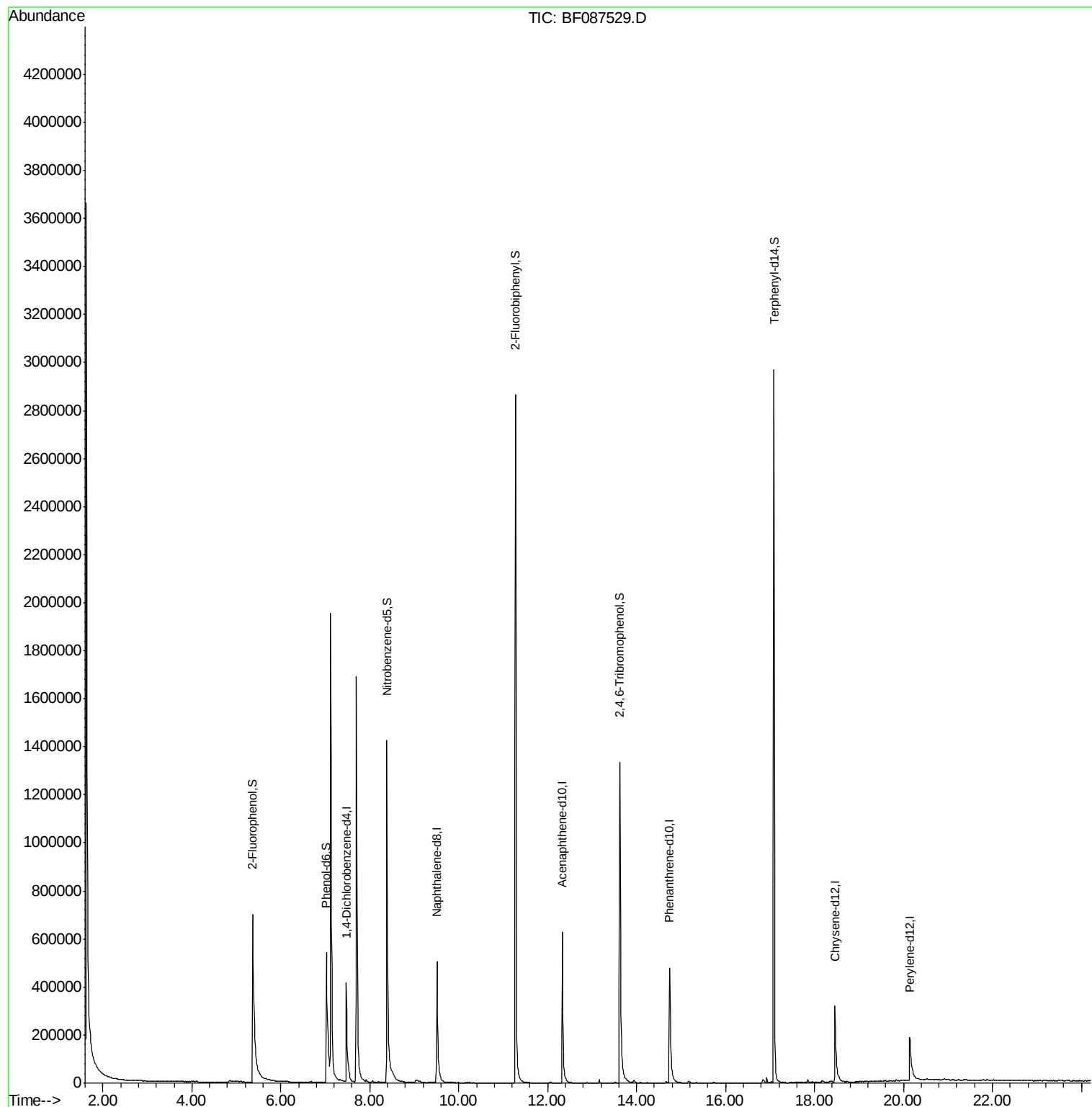
Target Compounds Qvalue

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

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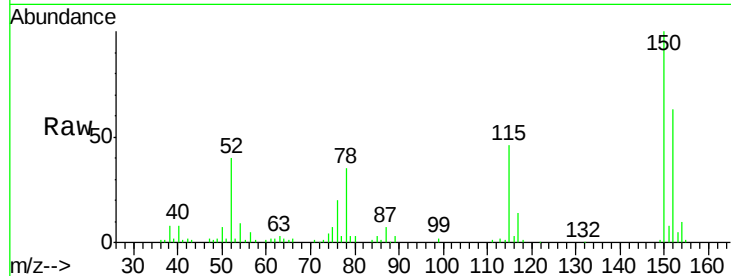


#1

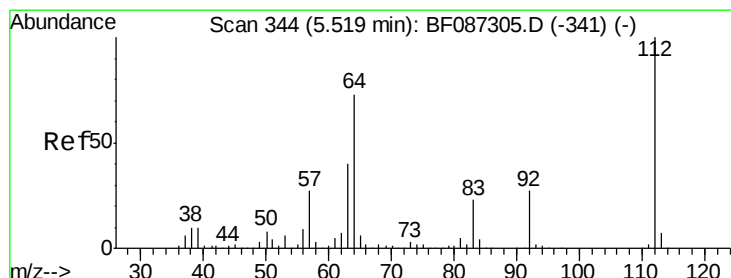
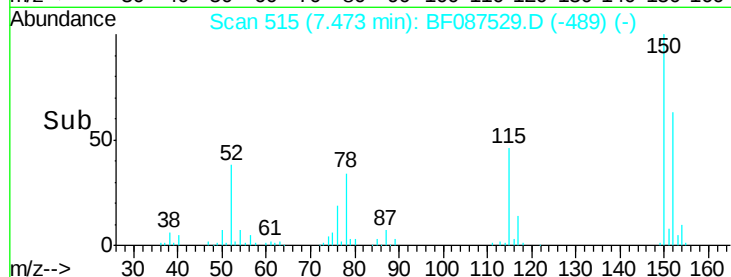
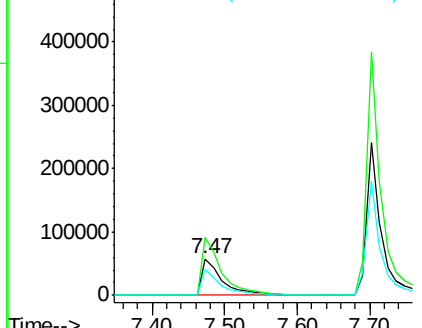
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Instrument :
BNA_F
ClientSampleId :
MW-32

Tot Ion:152 Resp: 112971
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 72.6 51.5 77.3



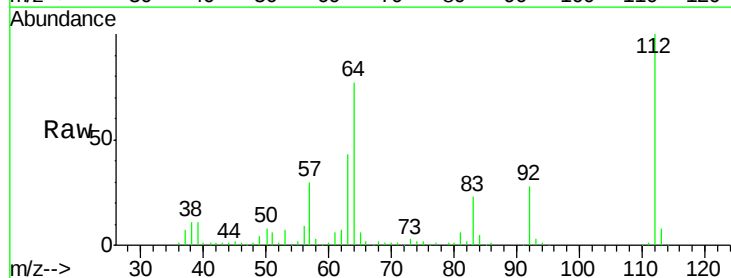
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



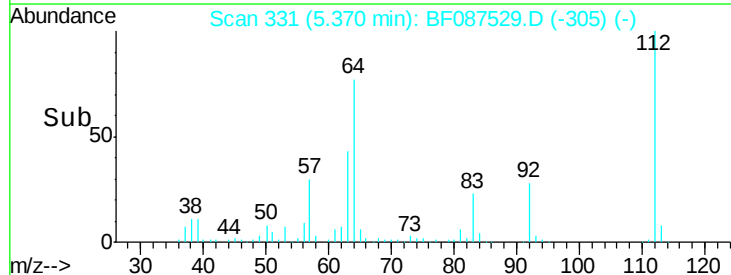
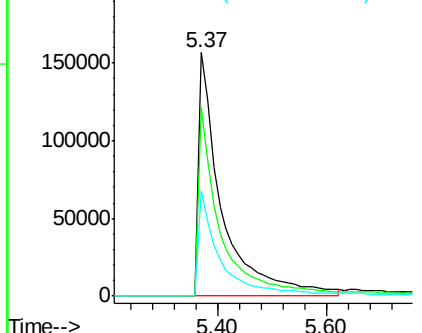
#5

2-Fluorophenol
Concen: 72.38 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Tgt Ion:112 Resp: 465350
Ion Ratio Lower Upper
112 100
64 77.5 52.1 78.1
63 43.5 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: 43.73 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

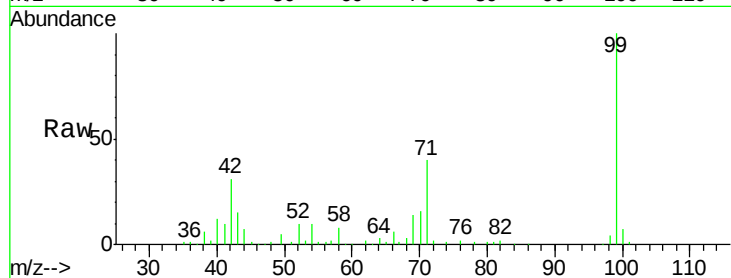
Tot Ion: 99 Resp: 379858

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

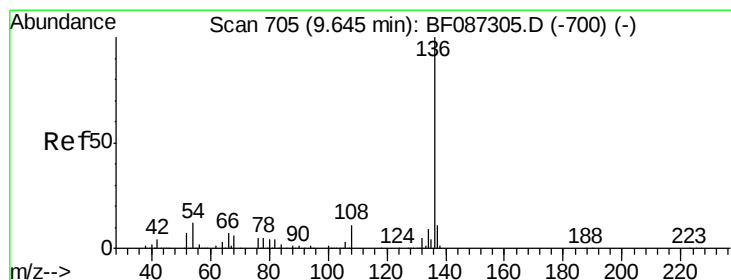
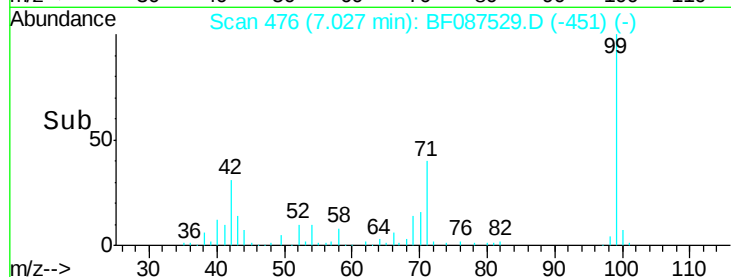
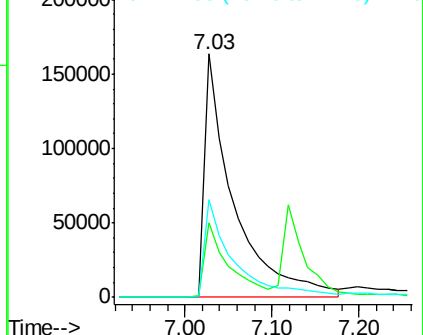
71 40.0 24.6 36.8#



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: BF087529.D

Acq: 30 May 2016 1:06

Tgt Ion: 136 Resp: 434443

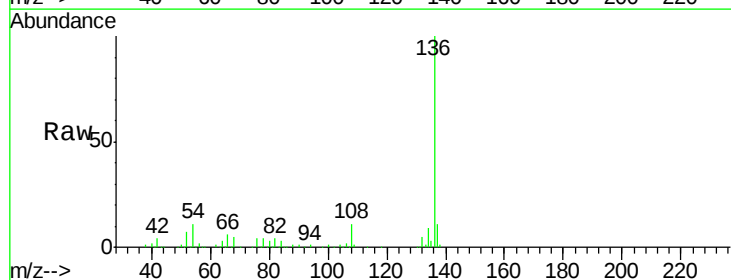
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.8 5.0 7.4#

68 5.2 4.4 6.6

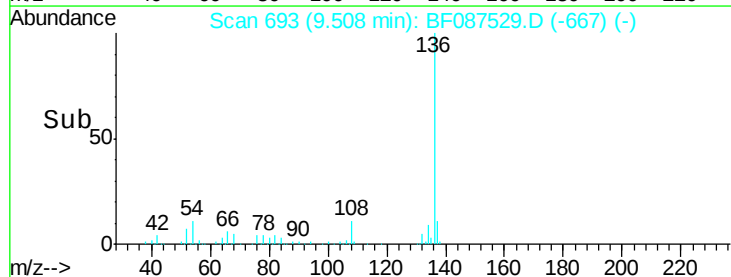
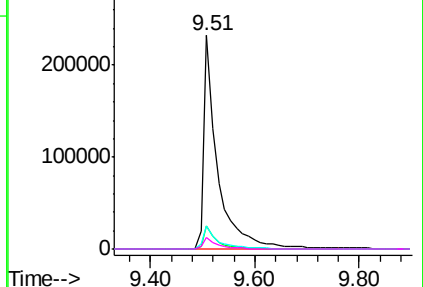


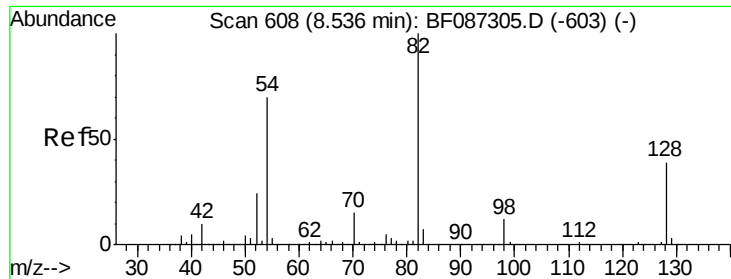
Abundance Ion 136.00 (135.70 to 136.70): E

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

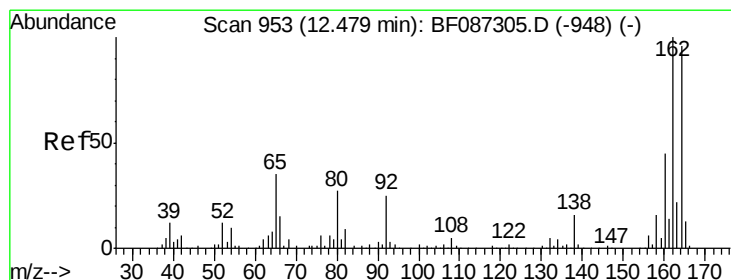
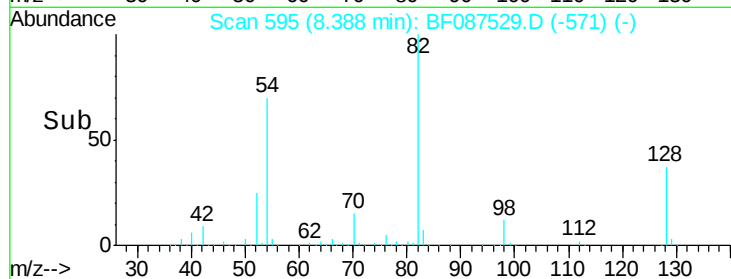
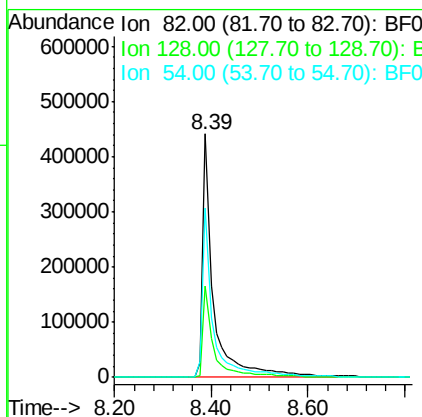
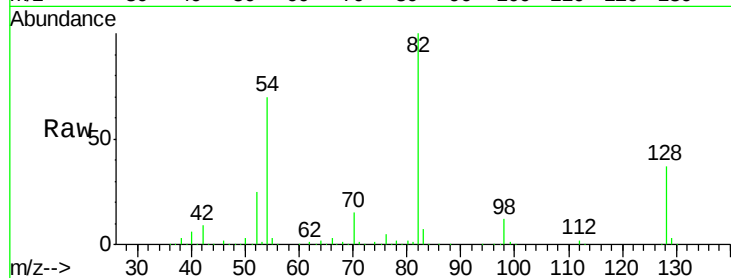




#23
Nitrobenzene-d5
Concen: 80.64 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

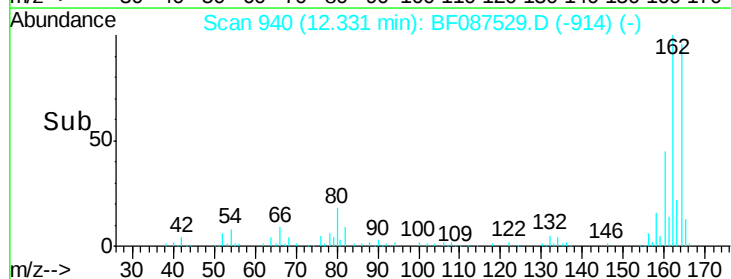
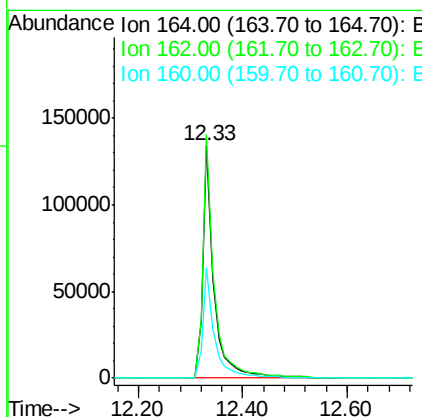
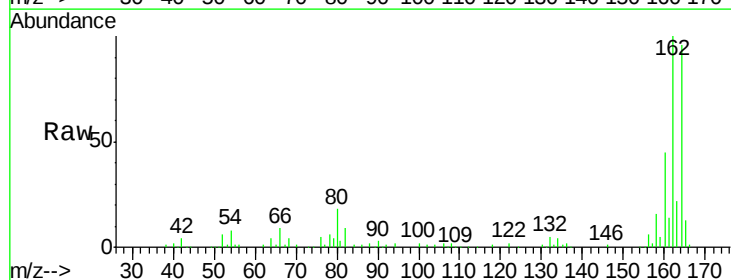
Instrument :
BNA_F
ClientSampleId :
MW-32

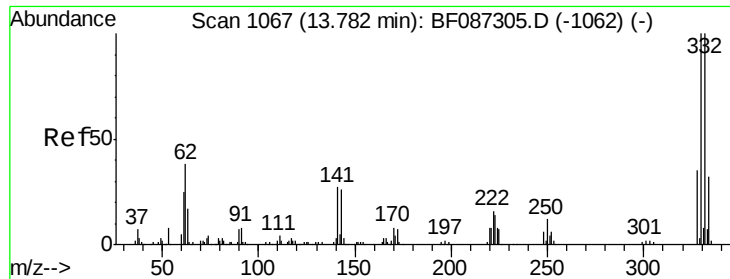
Tot Ion: 82 Resp: 695132
Ion Ratio Lower Upper
82 100
128 37.4 40.6 61.0#
54 69.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Tgt Ion: 164 Resp: 202009
Ion Ratio Lower Upper
164 100
162 104.7 82.8 124.2
160 47.5 36.9 55.3

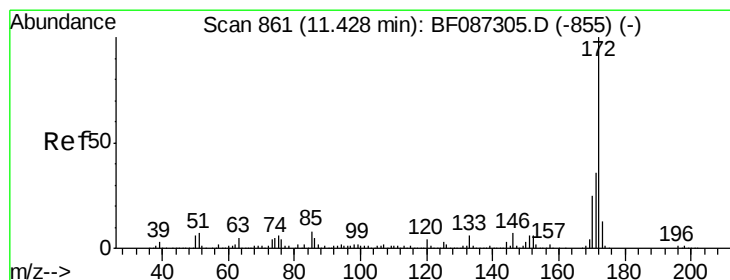
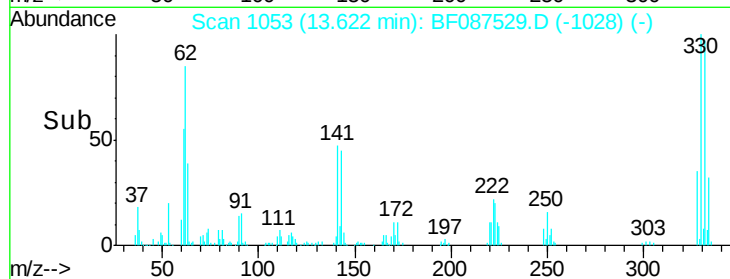
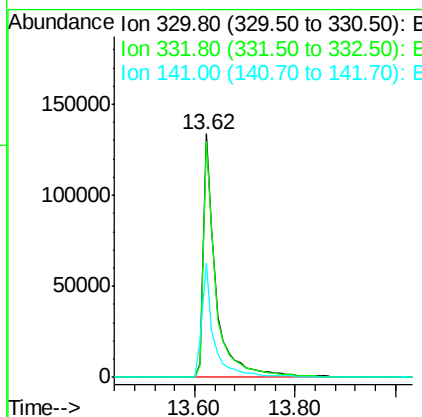
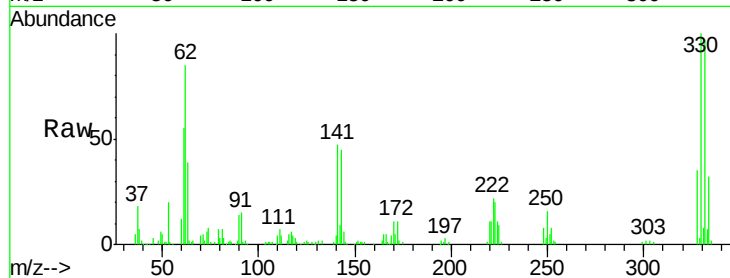




#41
 2,4,6-Tribromophenol
 Concen: 119.85 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087529.D
 Acq: 30 May 2016 1:06

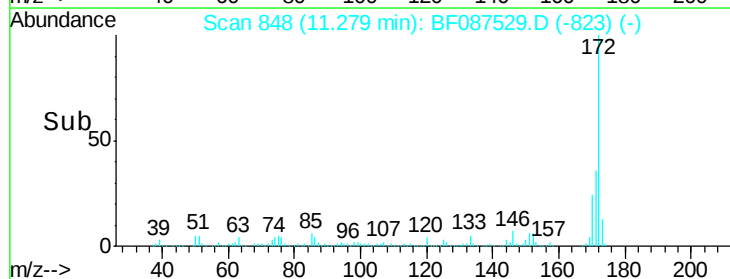
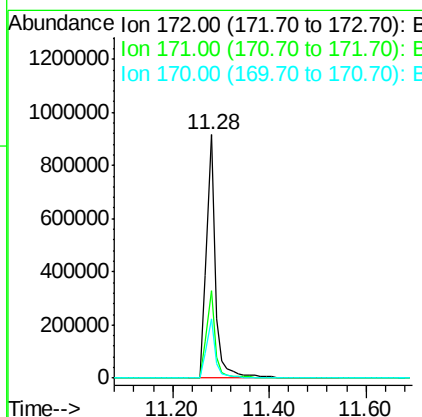
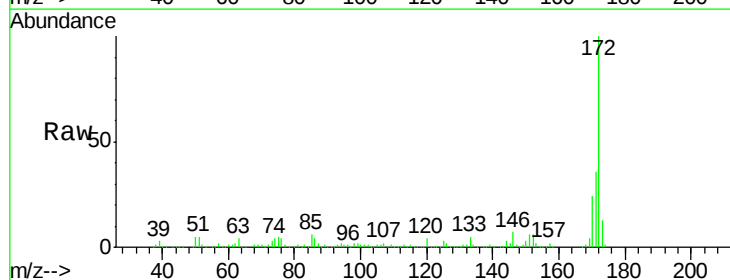
Instrument :
 BNA_F
 ClientSampleId :
 MW-32

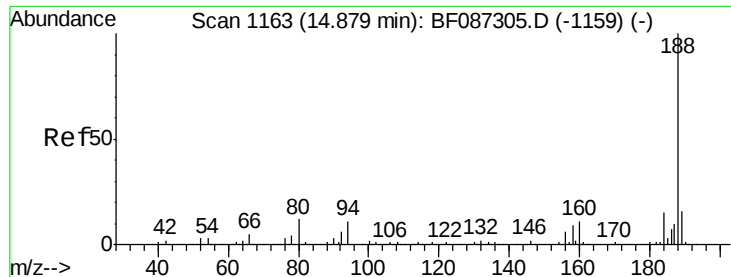
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	45.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 83.61 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087529.D
 Acq: 30 May 2016 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8

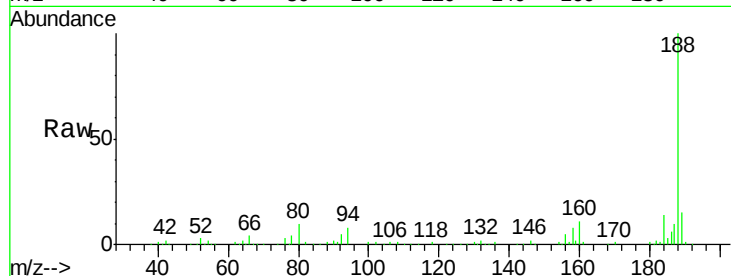




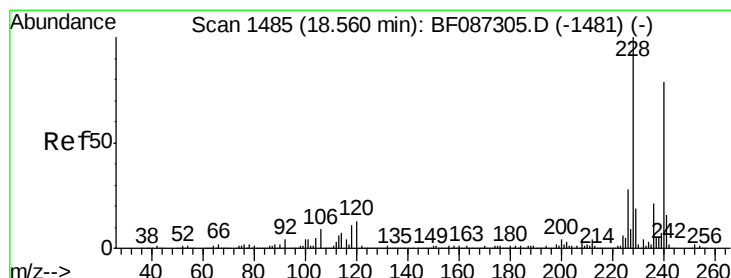
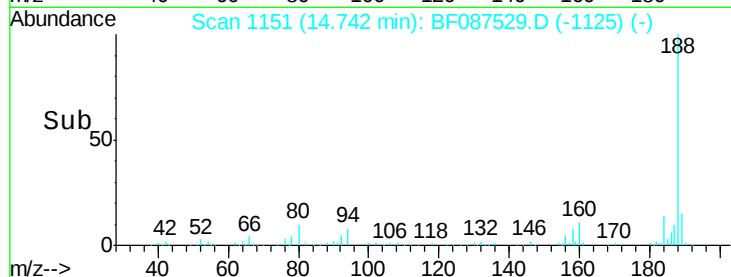
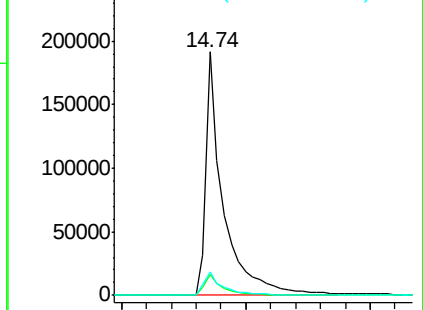
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Instrument :
BNA_F
ClientSampled :
MW-32

Tot Ion:188 Resp: 374120
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.6 7.1 10.7

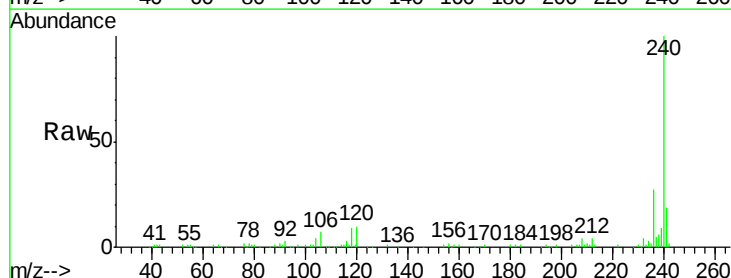


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

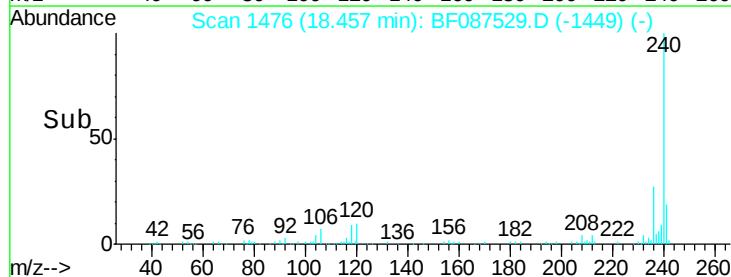
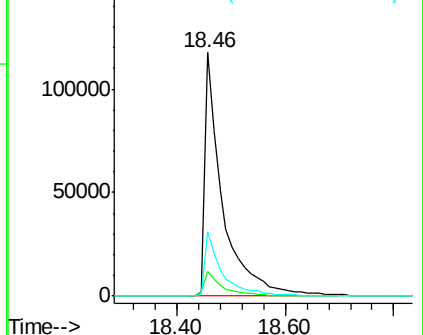


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Tgt Ion:240 Resp: 267488
Ion Ratio Lower Upper
240 100
120 10.2 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: 86.75 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

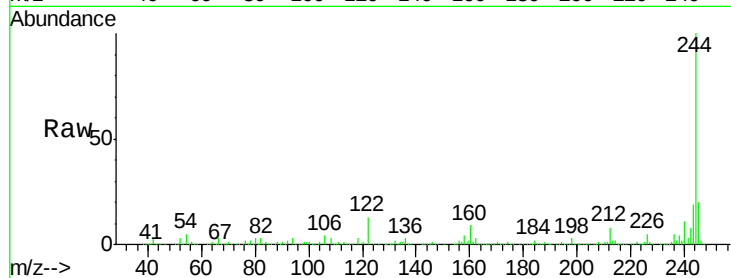
Tot Ion:244 Resp: 1091461

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

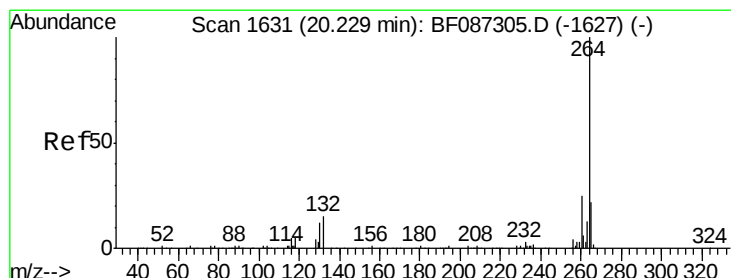
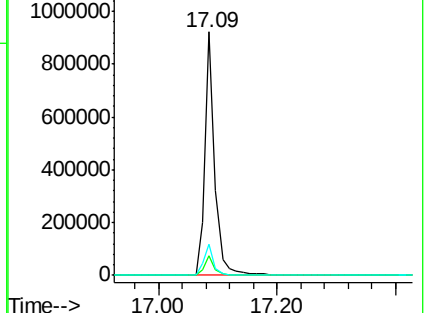
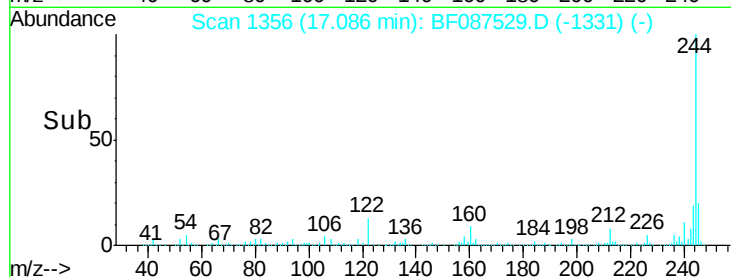
122 12.6 12.0 18.0



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: 20.14 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

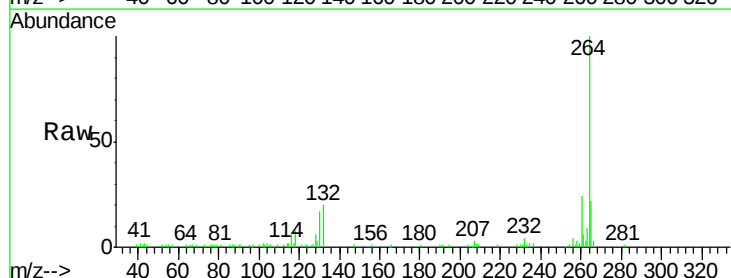
Tgt Ion:264 Resp: 213379

Ion Ratio Lower Upper

264 100

260 23.8 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

