

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087489.D
 Acq On : 28 May 2016 20:36
 Operator : UM/SJ
 Sample : H3276-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: May 30 03:42:32 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 03:25:10 2016
 Response via : Initial Calibration

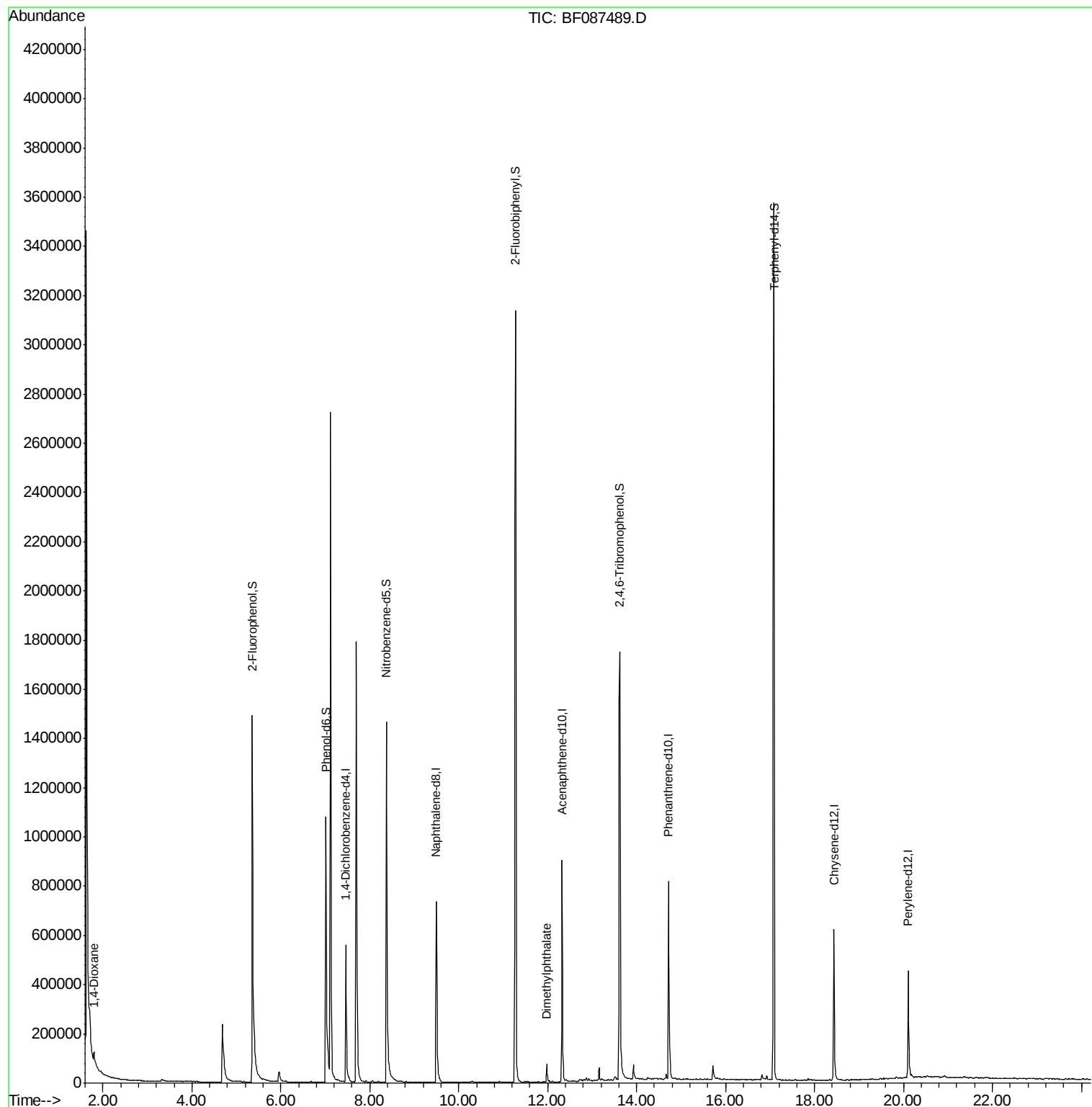
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	120988	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	489583	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	230301	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	428501	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	334639	20.00	ng	0.00
86) Perylene-d12	20.10	264	231387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	644090	93.54	ng	0.00
7) Phenol-d6	7.02	99	671012	72.12	ng	-0.02
23) Nitrobenzene-d5	8.38	82	773613	79.64	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	309171	139.70	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1387062	84.91	ng	-0.01
78) Terphenyl-d14	17.09	244	1264751	80.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.80	88	28948	7.97	ng	Qvalue # 58
49) Dimethylphthalate	11.98	163	41843	2.27	ng	99

(#) = 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: BF087489.D

Acq: 28 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

MW-02

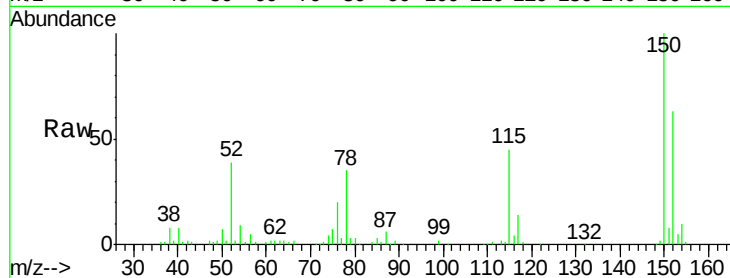
Tgt Ion:152 Resp: 120988

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

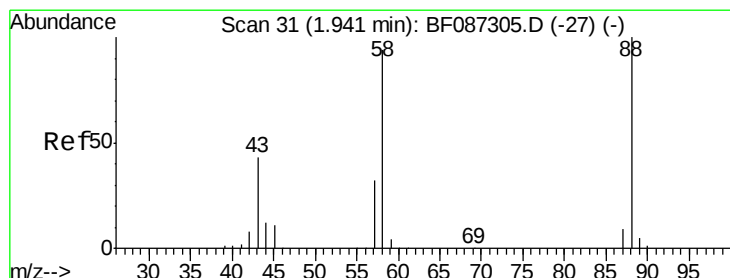
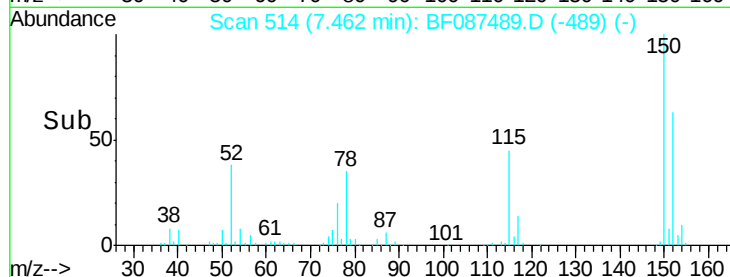
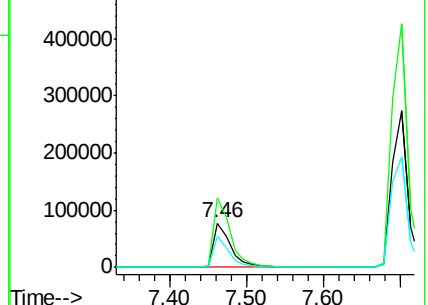
115 71.7 51.5 77.3



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



#2

1,4-Dioxane

Concen: 7.97 ng

RT: 1.80 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF087489.D

Acq: 28 May 2016 20:36

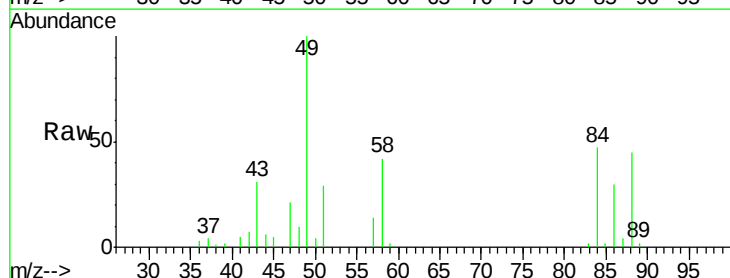
Tgt Ion: 88 Resp: 28948

Ion Ratio Lower Upper

88 100

58 87.0 59.6 89.4

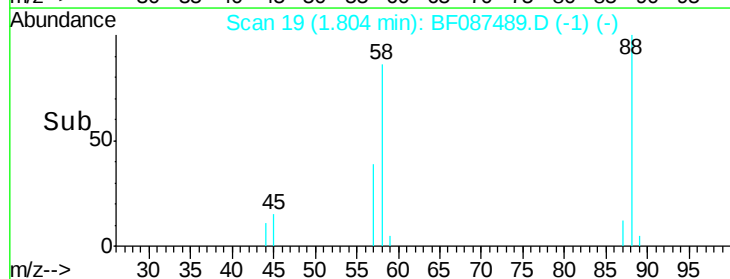
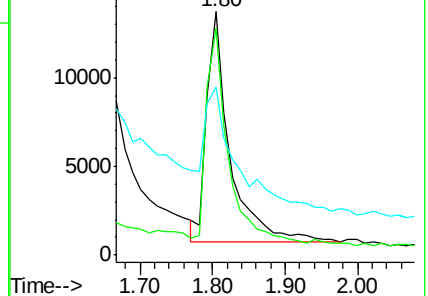
43 86.9 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

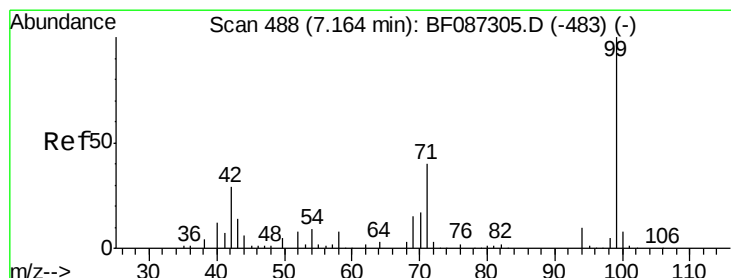
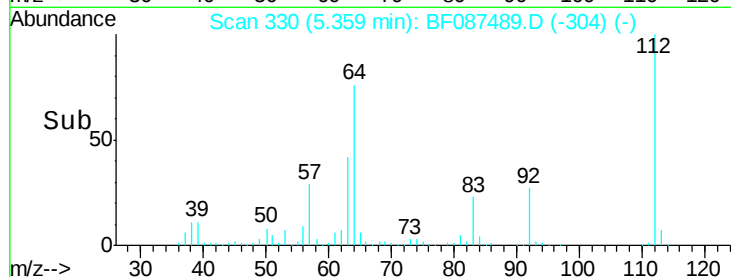
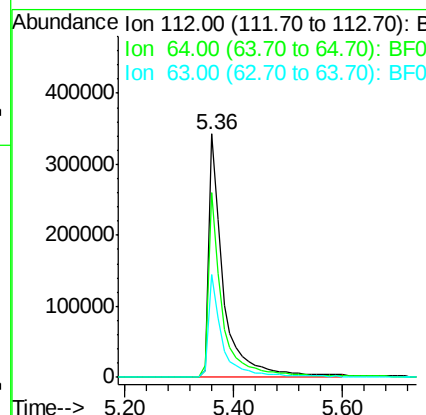
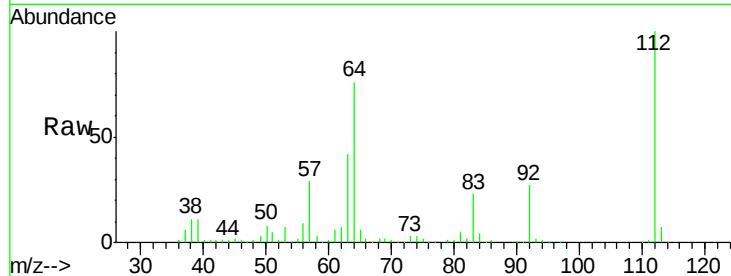




#5
 2-Fluorophenol
 Concen: 93.54 ng
 RT: 5.36 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: BF087489.D
 Acq: 28 May 2016 20:36

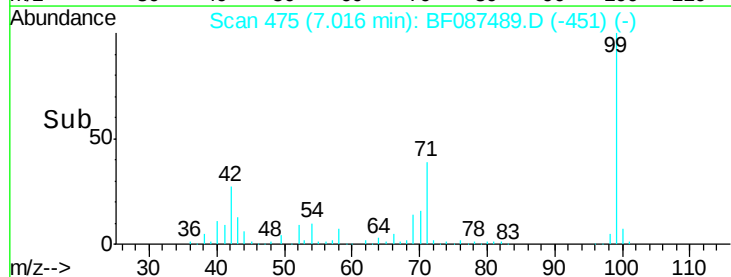
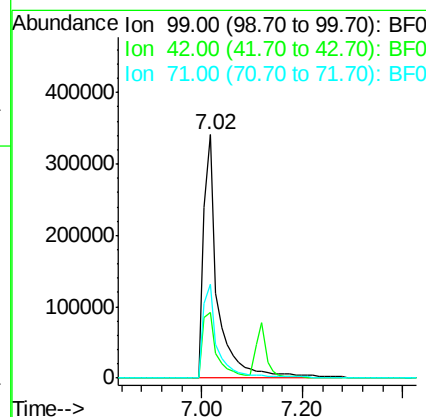
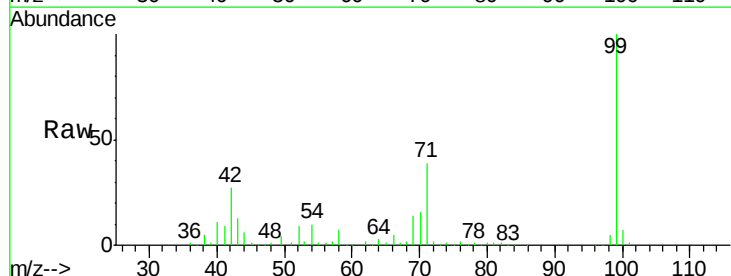
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

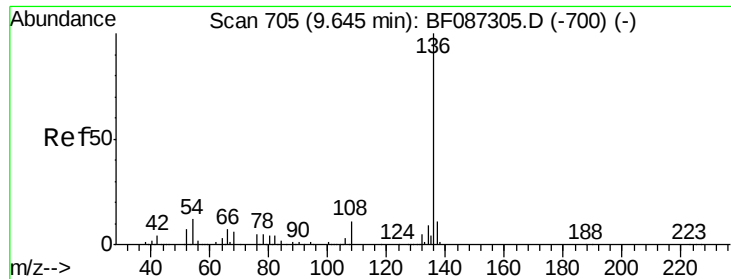
Tgt Ion: 112 Resp: 644090
 Ion Ratio Lower Upper
 112 100
 64 76.0 52.1 78.1
 63 42.1 25.7 38.5#



#7
 Phenol-d6
 Concen: 72.12 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF087489.D
 Acq: 28 May 2016 20:36

Tgt Ion: 99 Resp: 671012
 Ion Ratio Lower Upper
 99 100
 42 27.2 13.6 20.4#
 71 38.7 24.6 36.8#

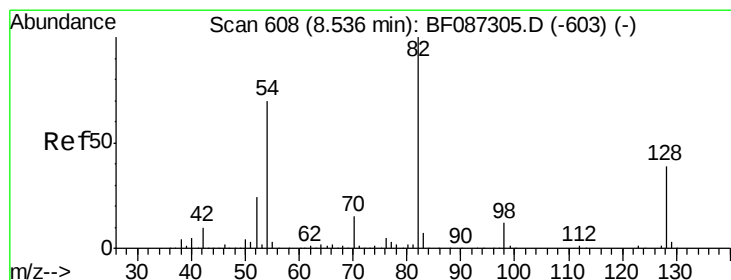
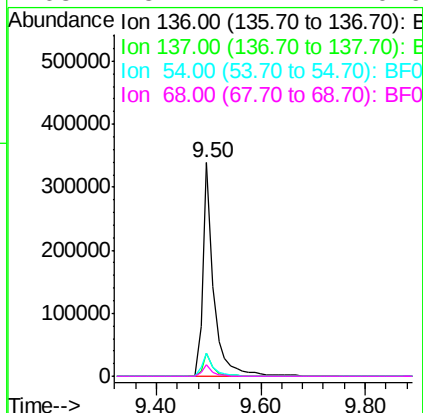
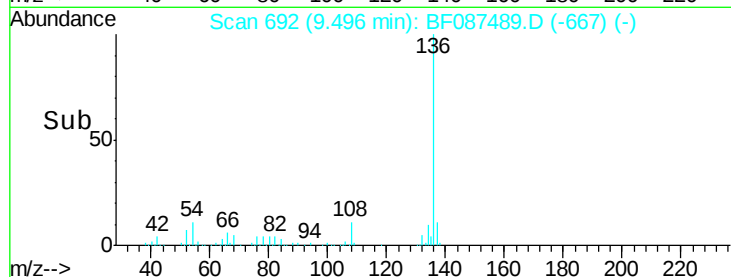
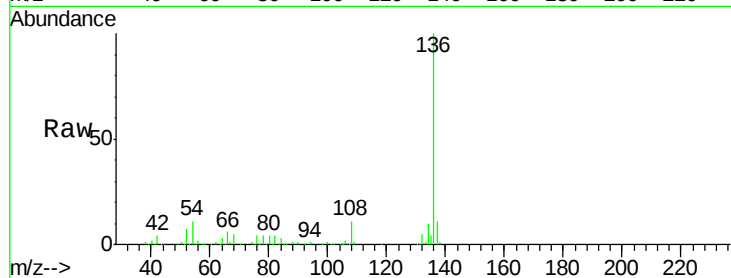




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087489.D
Acq: 28 May 2016 20:36

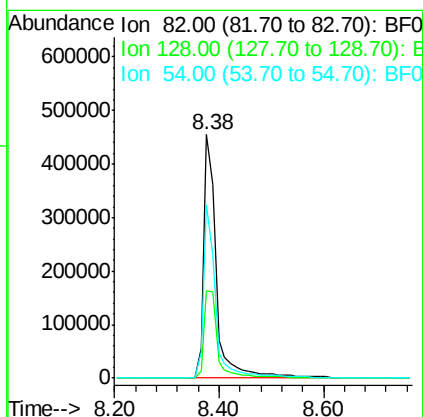
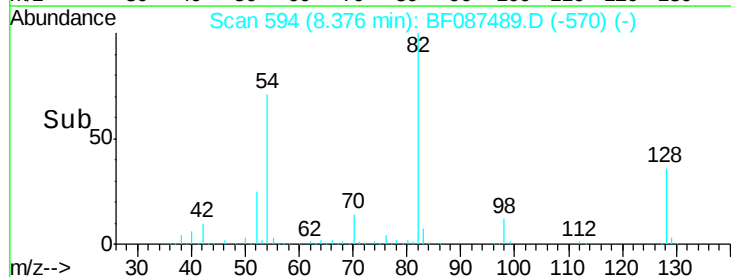
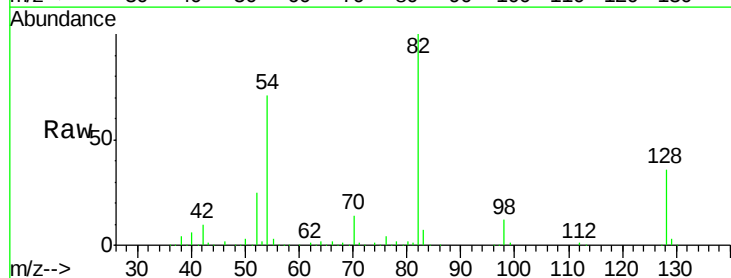
Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:	136	Resp:	489583
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	5.0	7.4#
68	5.4	4.4	6.6



#23
Nitrobenzene-d5
Concen: 79.64 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF087489.D
Acq: 28 May 2016 20:36

Tgt Ion:	82	Resp:	773613
Ion	Ratio	Lower	Upper
82	100		
128	35.8	40.6	61.0#
54	71.4	38.1	57.1#

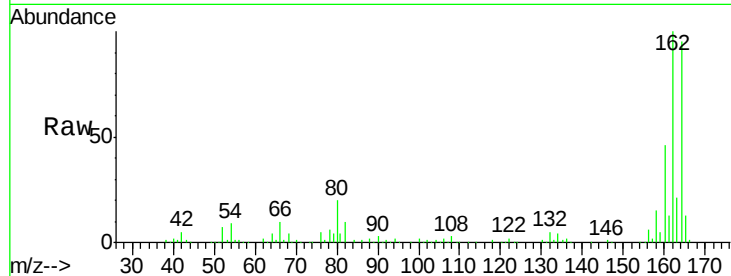




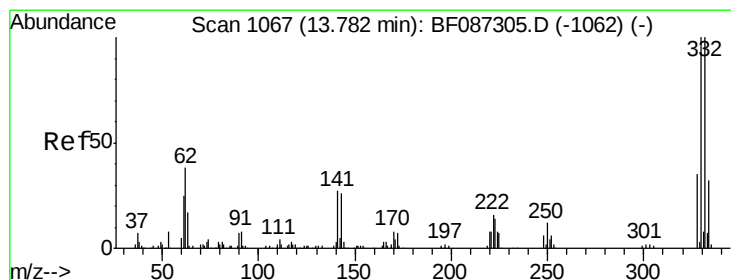
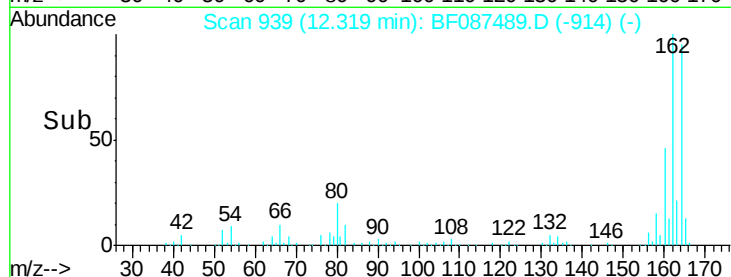
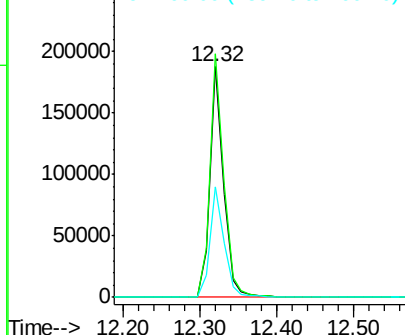
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087489.D
 Acq: 28 May 2016 20:36

Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tgt Ion:164 Resp: 230301
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.8 124.2
 160 48.1 36.9 55.3

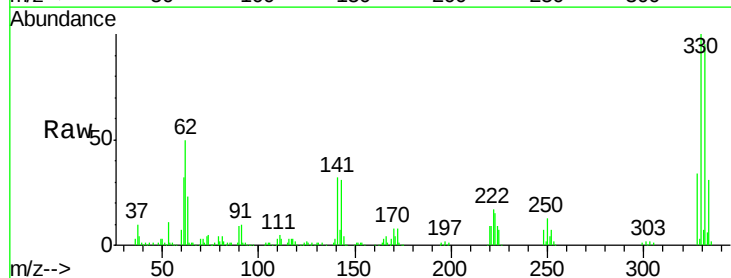


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

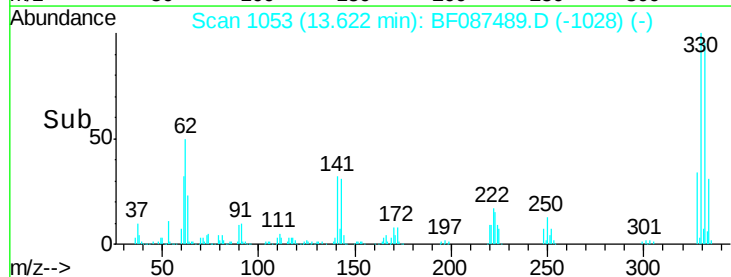
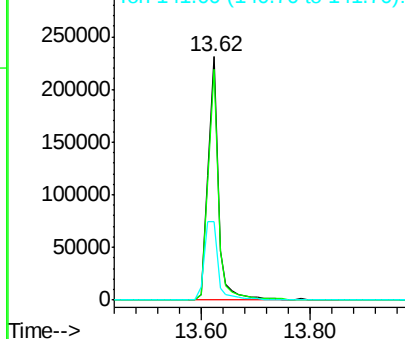


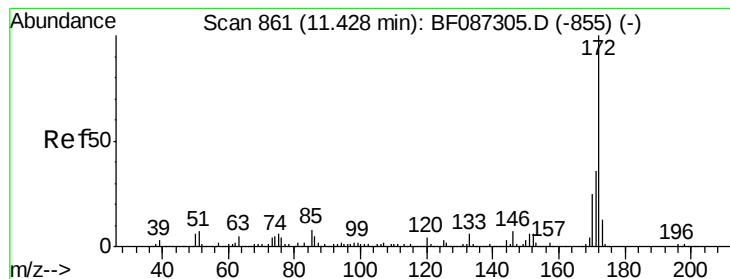
#41
 2,4,6-Tribromophenol
 Concen: 139.70 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087489.D
 Acq: 28 May 2016 20:36

Tgt Ion:330 Resp: 309171
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 43.0 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: 84.91 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087489.D

Acq: 28 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

MW-02

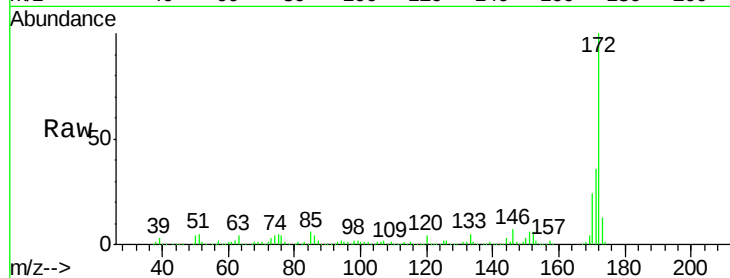
Tgt Ion:172 Resp: 1387062

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

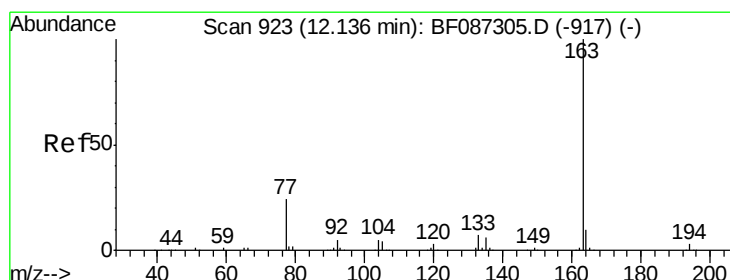
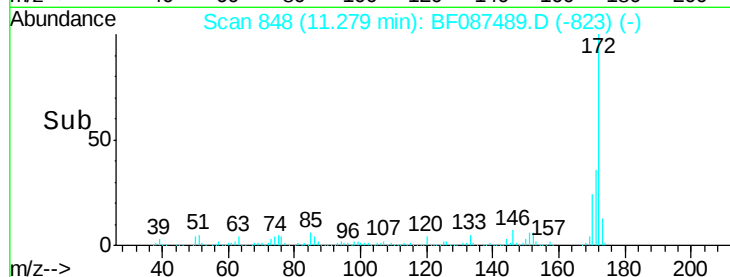
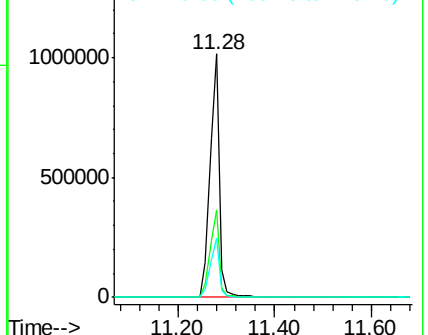
170 24.4 19.8 29.8



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



#49

Dimethylphthalate

Concen: 2.27 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF087489.D

Acq: 28 May 2016 20:36

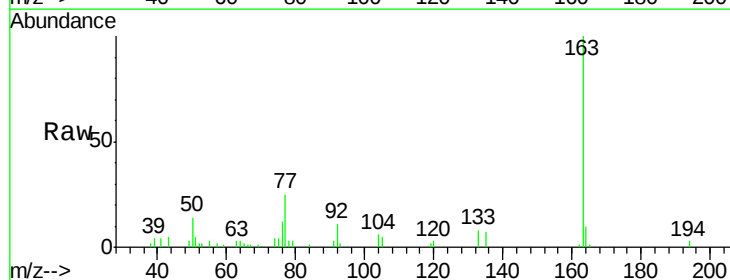
Tgt Ion:163 Resp: 41843

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

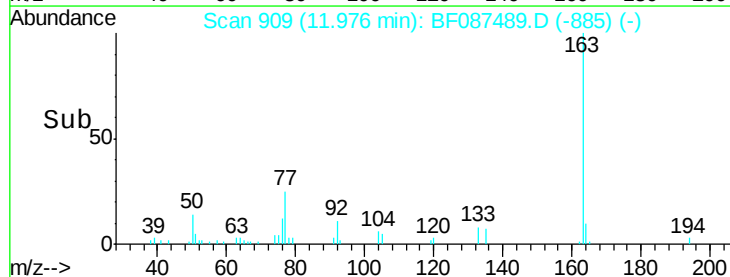
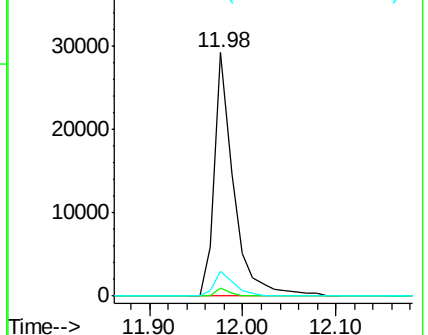
164 10.0 8.2 12.4

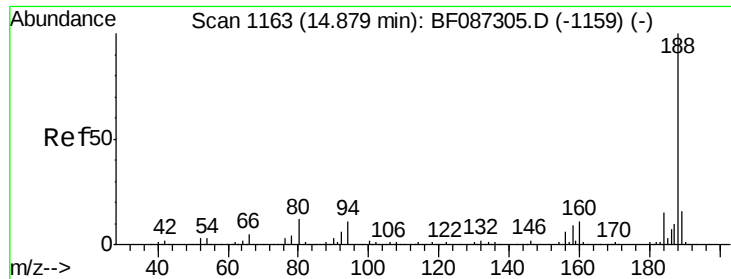


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

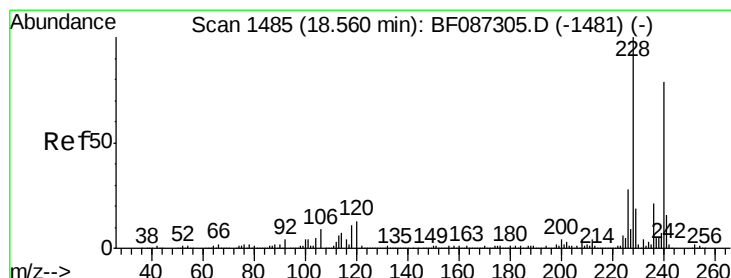
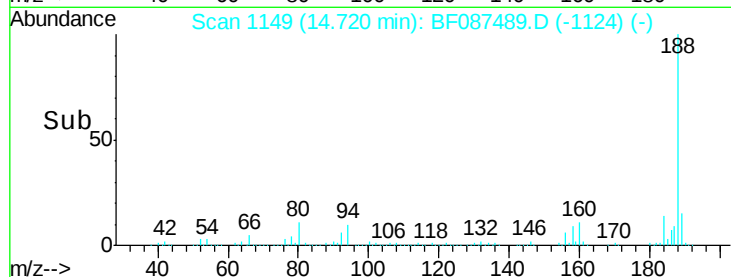
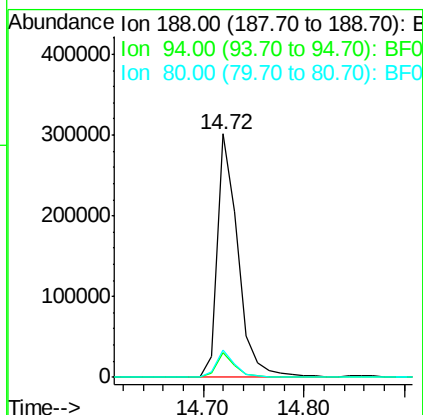
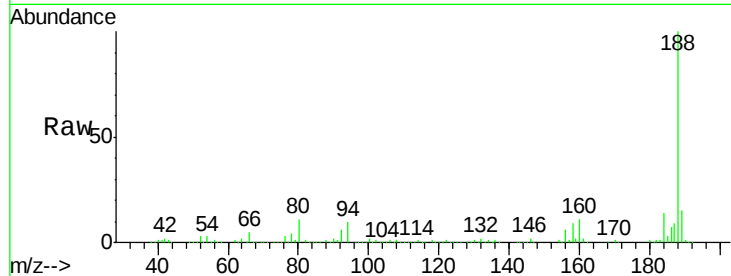




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF087489.D
Acq: 28 May 2016 20:36

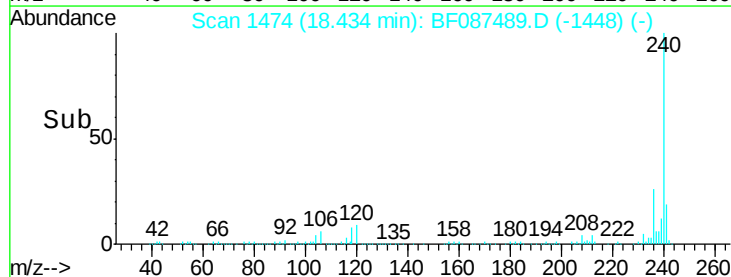
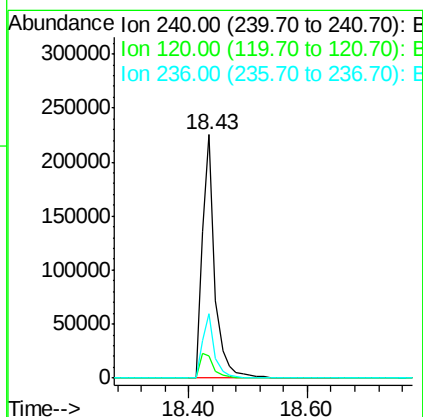
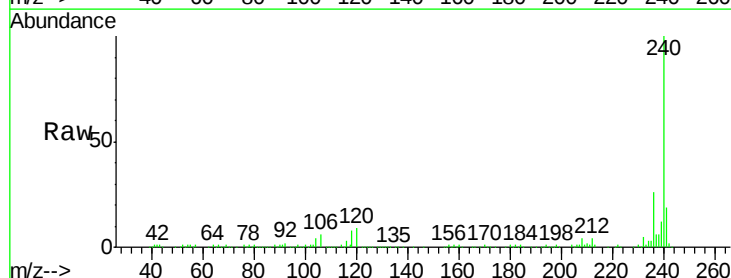
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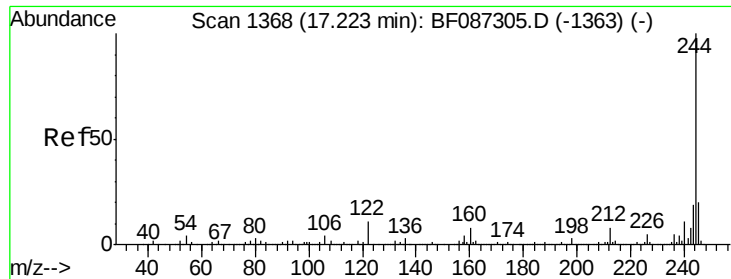
Tgt Ion:188 Resp: 428501
Ion Ratio Lower Upper
188 100
94 10.4 6.8 10.2#
80 11.2 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087489.D
Acq: 28 May 2016 20:36

Tgt Ion:240 Resp: 334639
Ion Ratio Lower Upper
240 100
120 9.0 11.2 16.8#
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 80.35 ng

RT: 17.09 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF087489.D

Acq: 28 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

MW-02

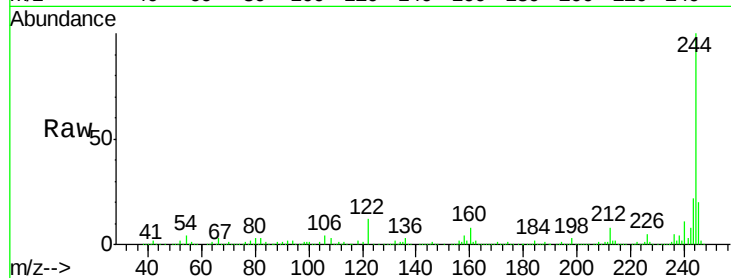
Tgt Ion:244 Resp: 1264751

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

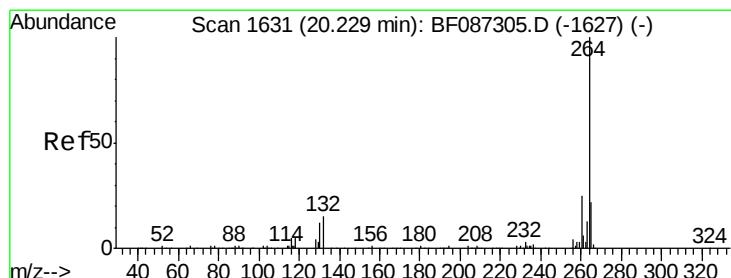
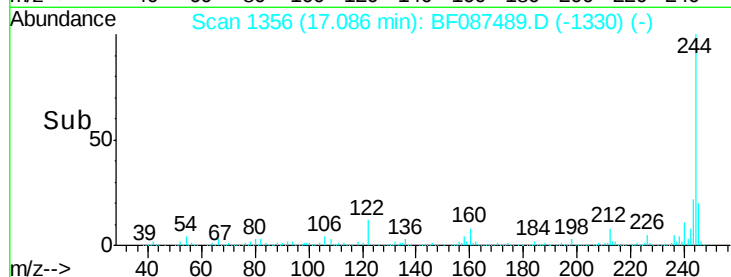
122 11.7 12.0 18.0#



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: BF087489.D

Acq: 28 May 2016 20:36

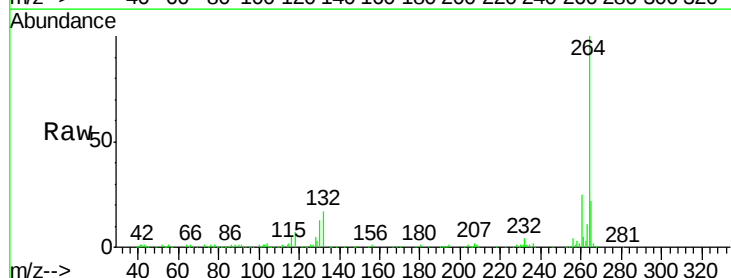
Tgt Ion:264 Resp: 231387

Ion Ratio Lower Upper

264 100

260 24.6 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

