

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087295.D
 Acq On : 22 May 2016 17:17
 Operator : UM/SJ
 Sample : H3172-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: May 23 04:29:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	114458	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	460986	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	213345	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	373181	20.00	ng	0.00
75) Chrysene-d12	13.70	240	257333	20.00	ng	0.00
86) Perylene-d12	15.05	264	218562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	583337	85.66	ng	0.00
7) Phenol-d6	6.24	99	493133	53.99	ng	0.00
23) Nitrobenzene-d5	7.14	82	997058	107.79	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	278886	118.29	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1301001	100.99	ng	0.00
78) Terphenyl-d14	12.65	244	1141326	100.33	ng	0.00

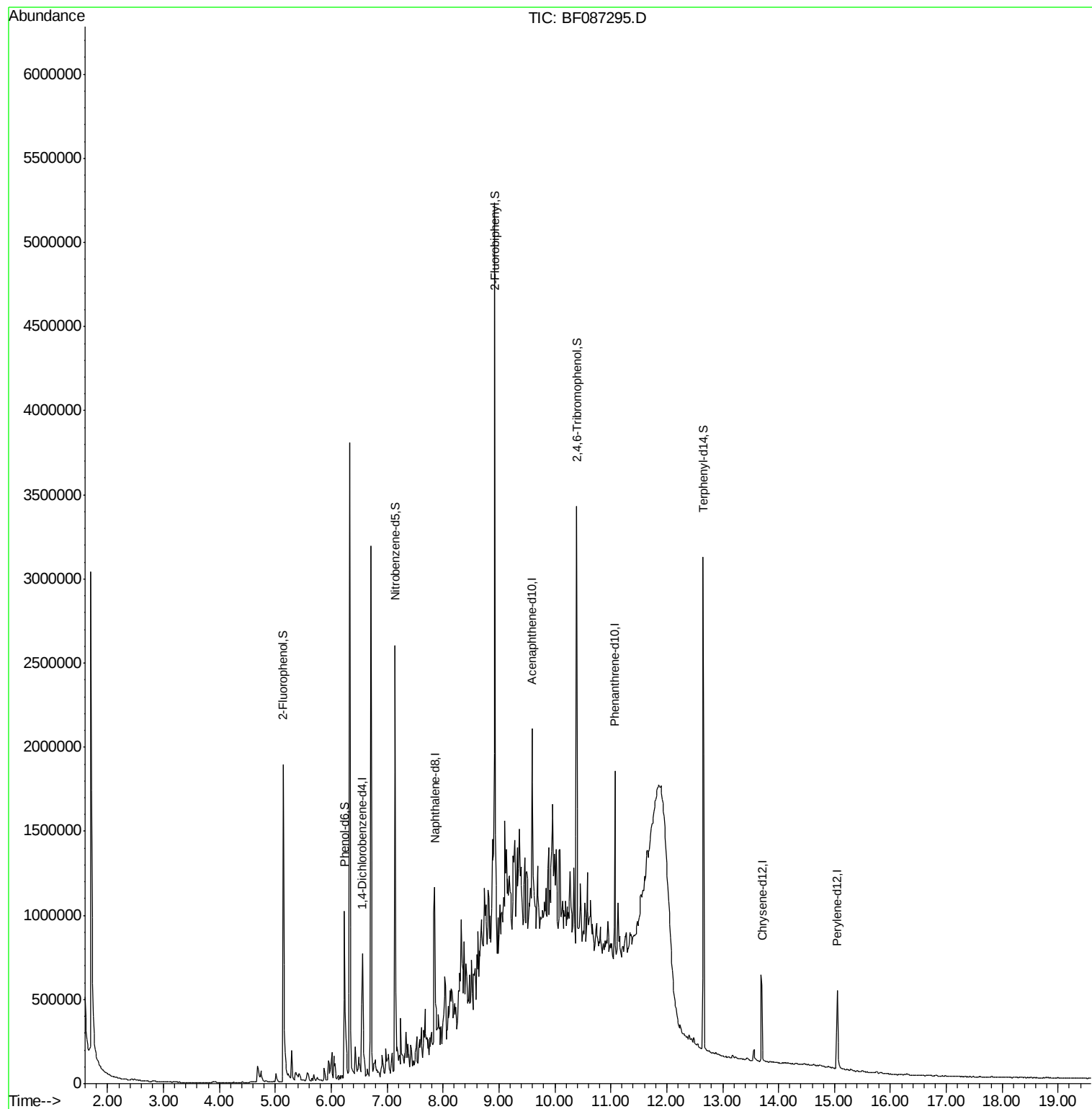
Target Compounds Qvalue

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

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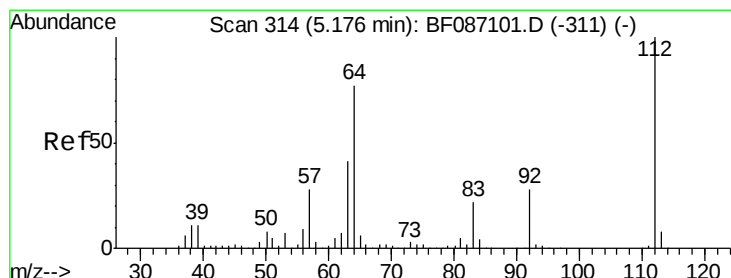
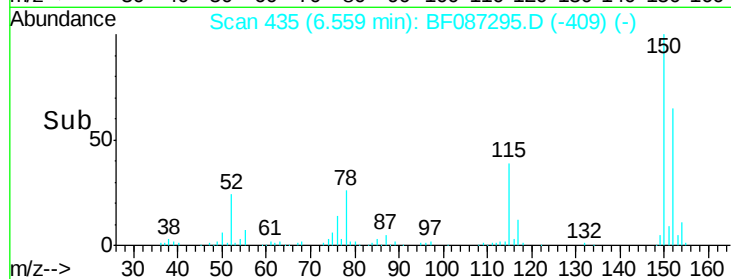
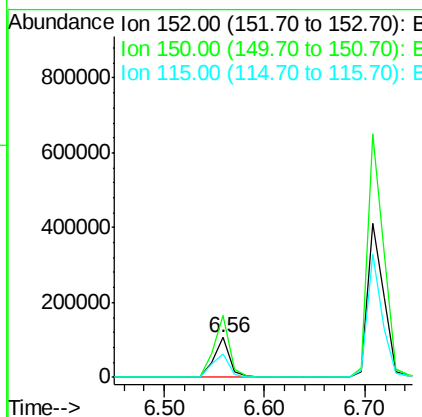
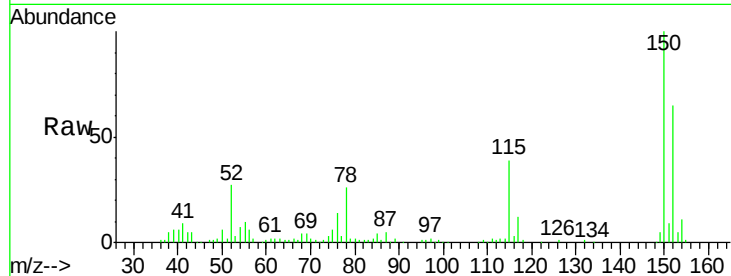


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Instrument :
BNA_F
ClientSampled :
MW-02

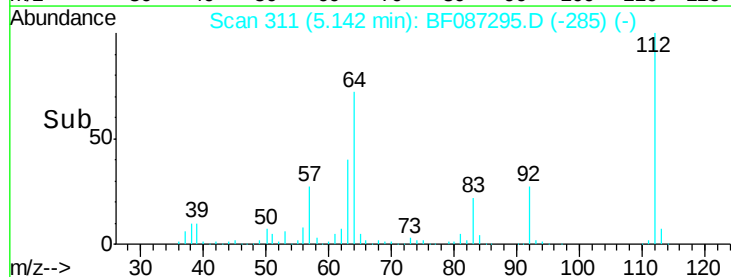
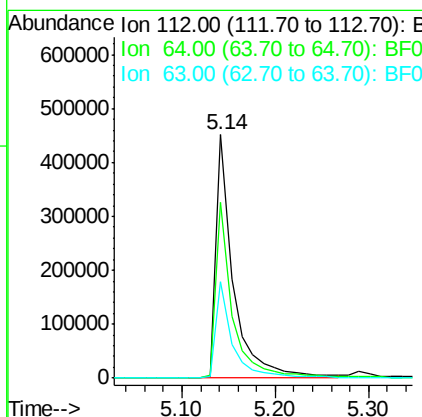
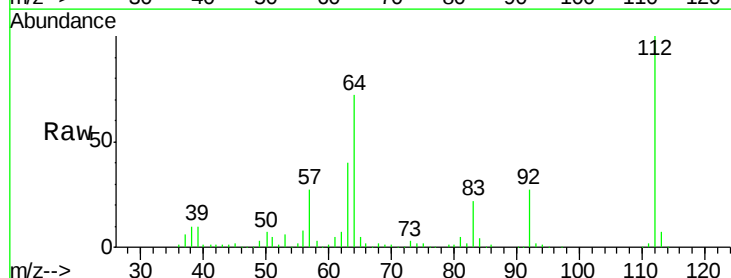
Tot Ion:152 Resp: 114458
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.6 51.5 77.3

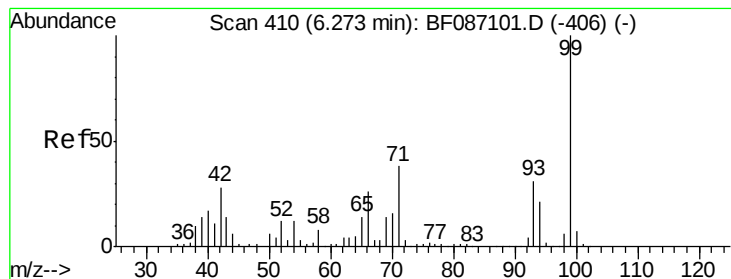


#5

2-Fluorophenol
Concen: 85.66 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Tgt Ion:112 Resp: 583337
Ion Ratio Lower Upper
112 100
64 72.3 52.1 78.1
63 39.8 25.7 38.5#





#7

Phenol-d6

Concen: 53.99 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampleId :

MW-02

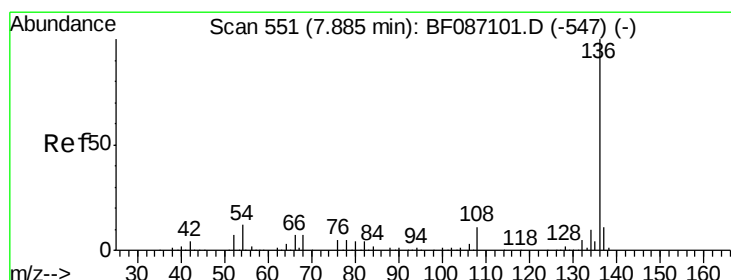
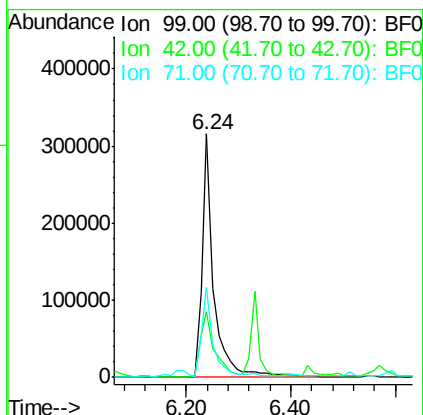
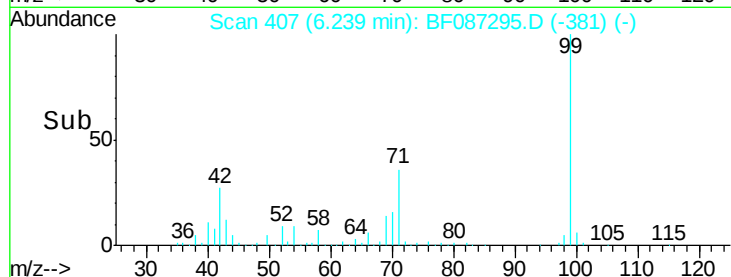
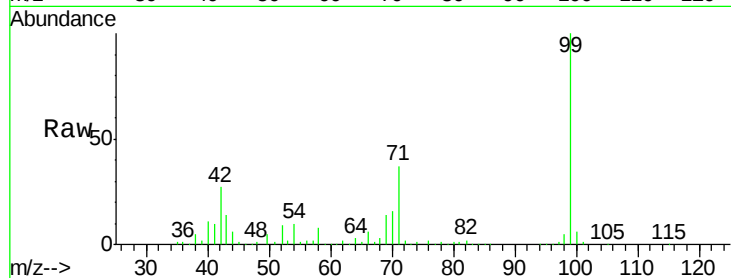
Tot Ion: 99 Resp: 493133

Ion Ratio Lower Upper

99 100

42 27.2 13.6 20.4#

71 37.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Tgt Ion: 136 Resp: 460986

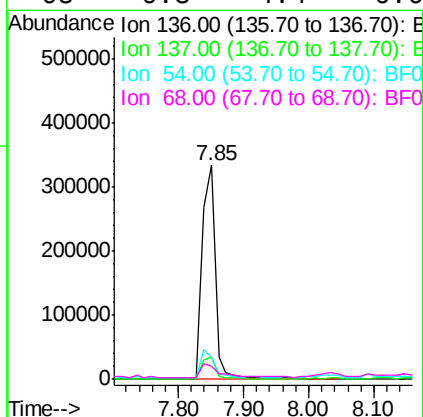
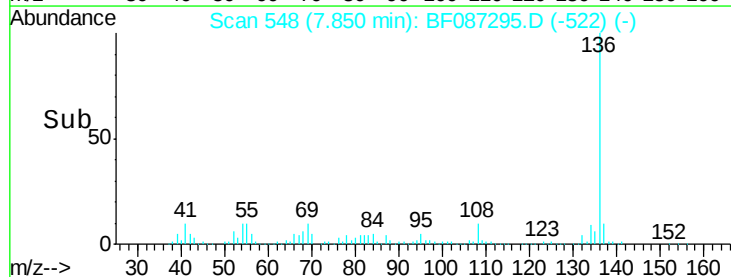
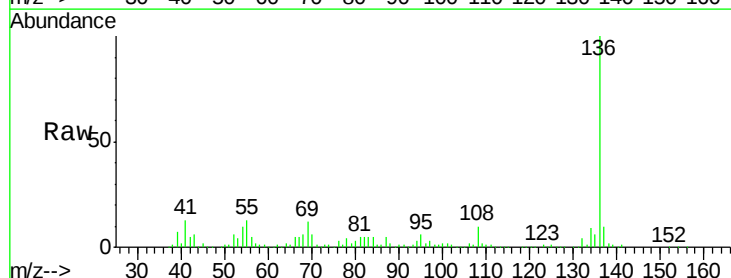
Ion Ratio Lower Upper

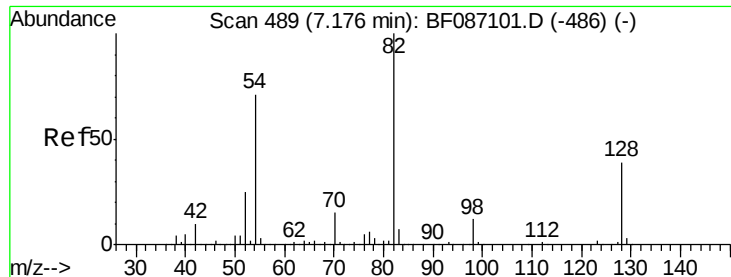
136 100

137 10.3 8.8 13.2

54 10.1 5.0 7.4#

68 6.3 4.4 6.6

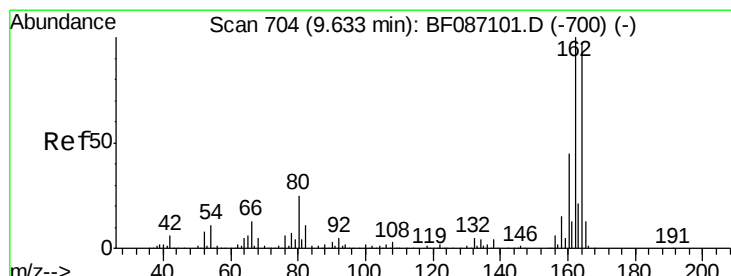
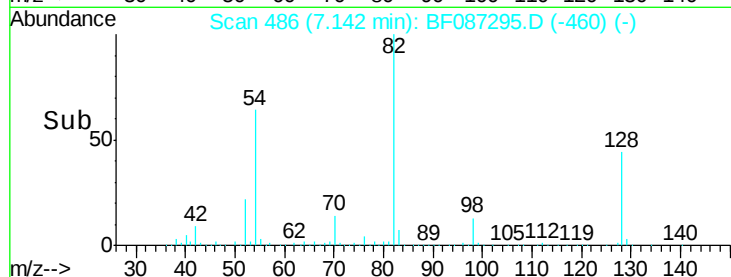
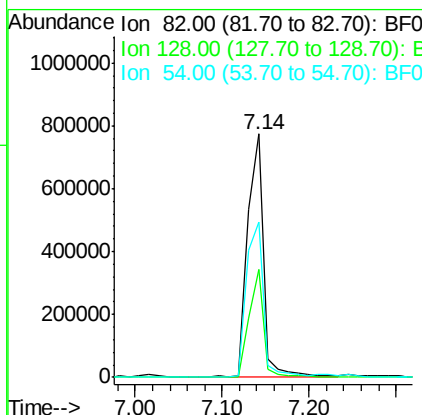
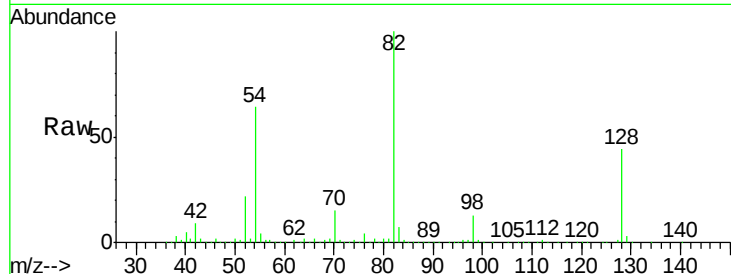




#23
Nitrobenzene-d5
Concen: 107.79 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

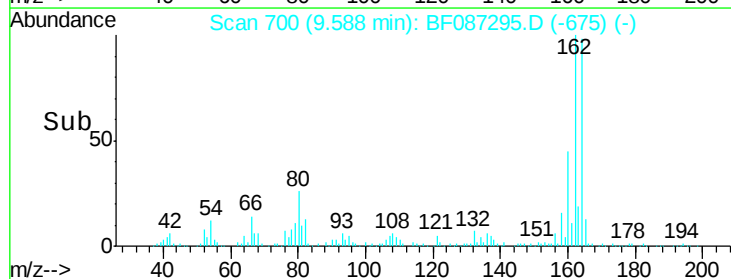
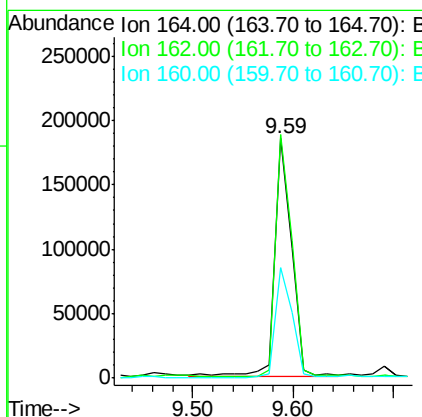
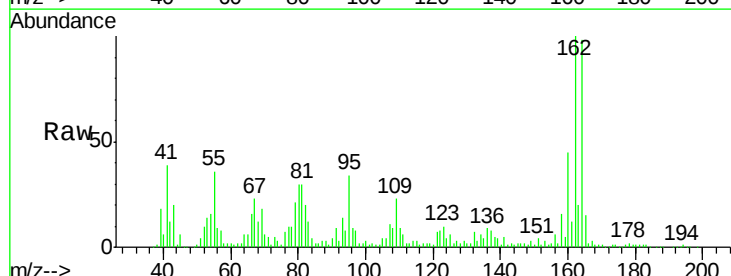
Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion: 82 Resp: 997058
Ion Ratio Lower Upper
82 100
128 44.4 40.6 61.0
54 63.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Tgt Ion: 164 Resp: 213345
Ion Ratio Lower Upper
164 100
162 101.8 82.8 124.2
160 46.0 36.9 55.3

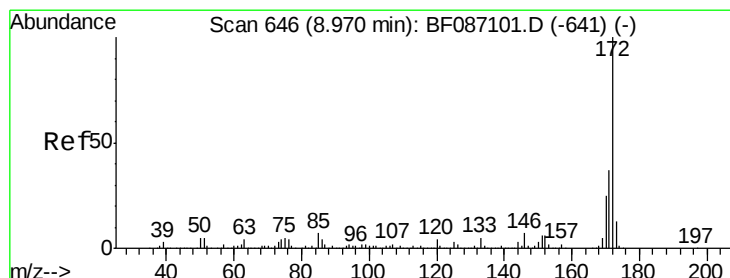
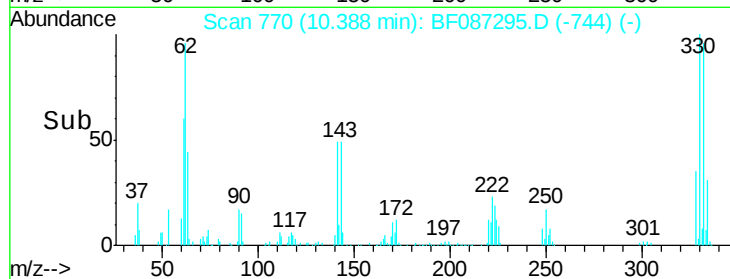
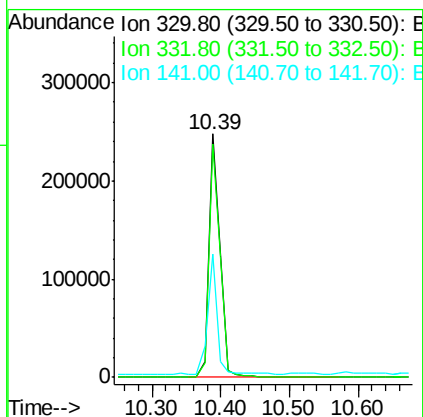
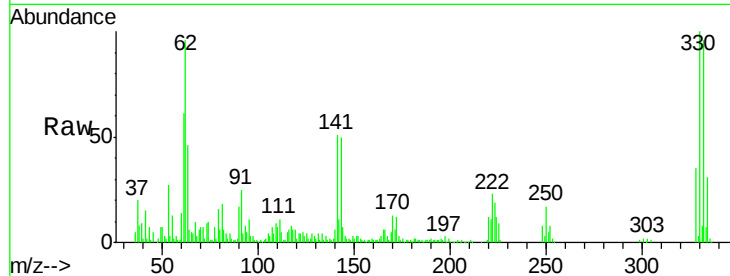




#41
 2,4,6-Tribromophenol
 Concen: 118.29 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

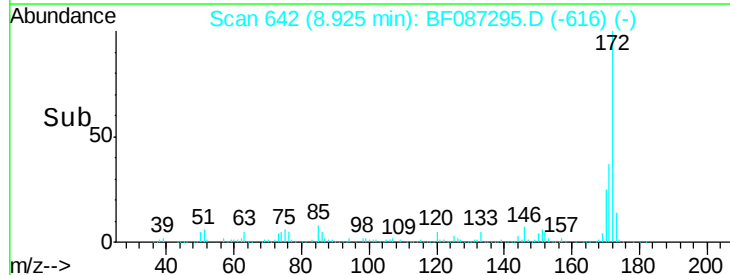
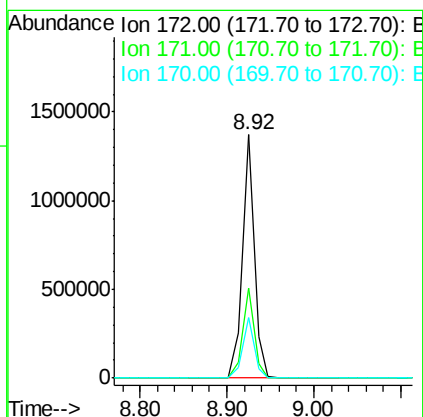
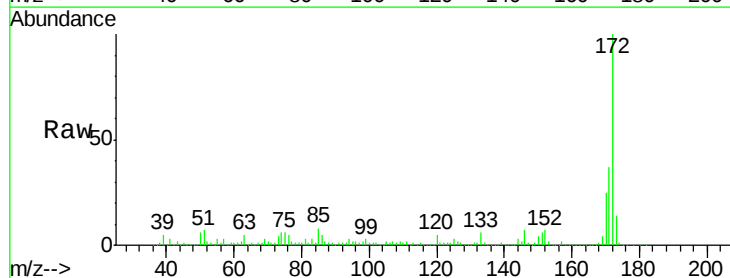
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

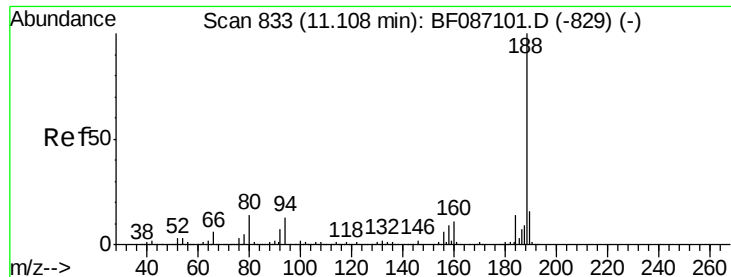
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	42.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 100.99 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.8	29.8

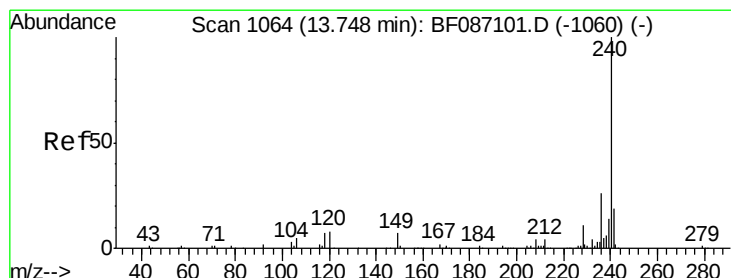
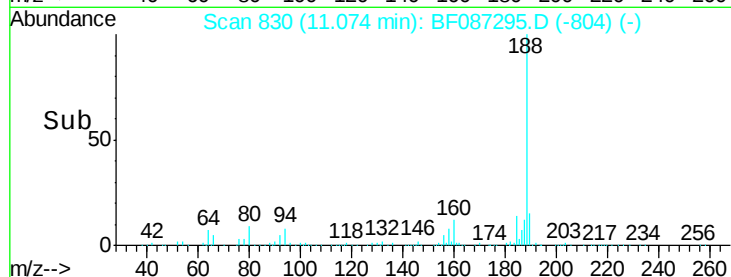
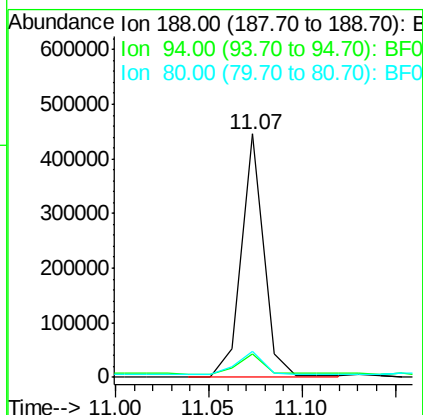
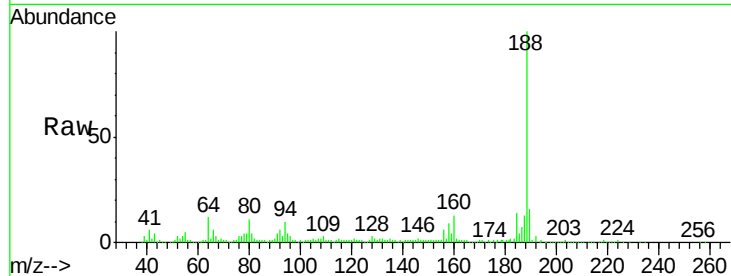




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

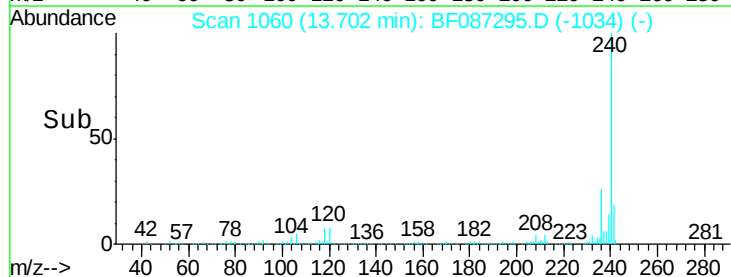
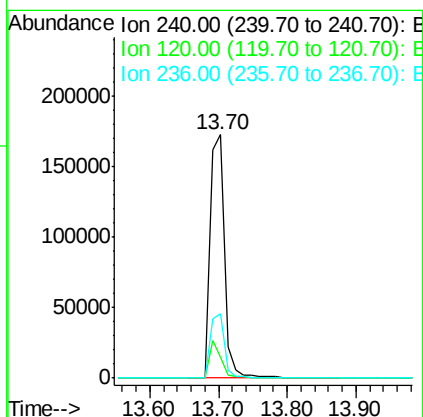
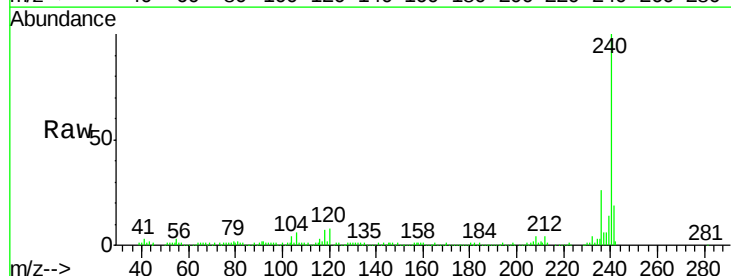
Instrument :
BNA_F
ClientSampleId :
MW-02

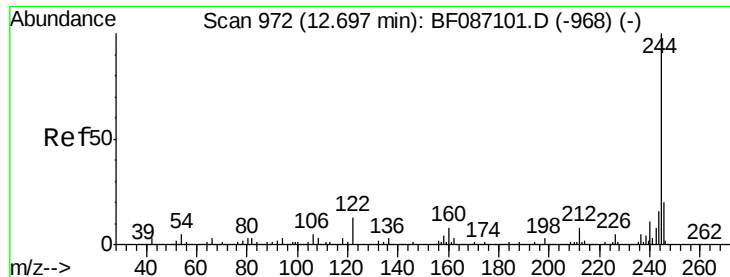
Tot Ion:188 Resp: 373181
Ion Ratio Lower Upper
188 100
94 9.9 6.8 10.2
80 10.7 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Tgt Ion:240 Resp: 257333
Ion Ratio Lower Upper
240 100
120 8.3 11.2 16.8#
236 26.3 21.2 31.8

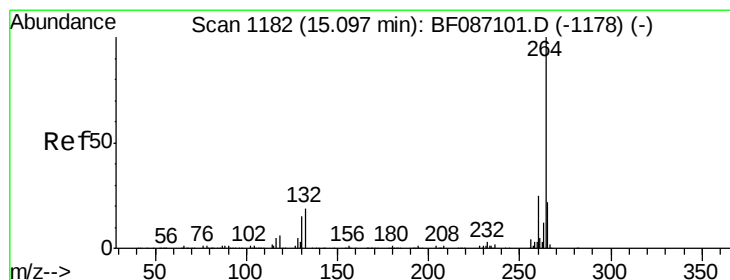
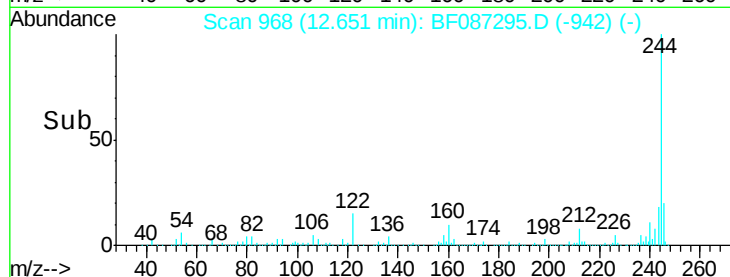
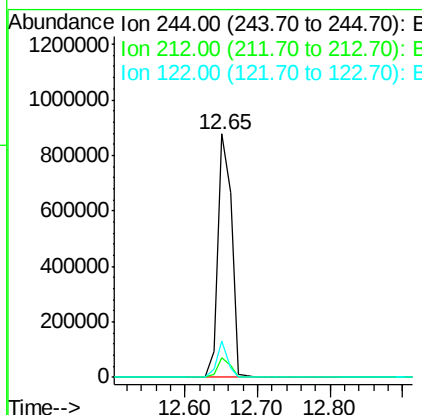
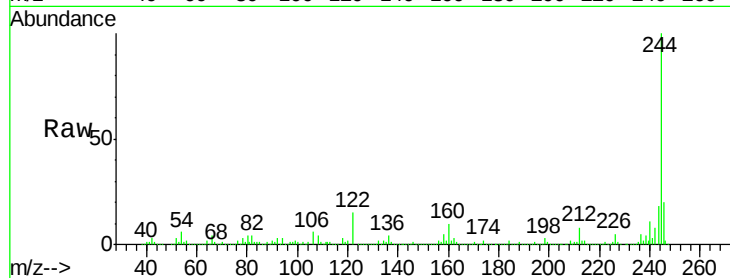




#78
 Terphenyl-d14
 Concen: 100.33 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:244 Resp: 1141326
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 15.0 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

Tgt Ion:264 Resp: 218562
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.6 17.3 25.9

