

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087572.D
 Acq On : 31 May 2016 3:54
 Operator : UM/SJ
 Sample : H3249-09
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: May 31 06:36:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	101404	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	413003	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	195119	20.00	ng	-0.05
63) Phenanthrene-d10	14.77	188	324594	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	236901	20.00	ng	0.01
86) Perylene-d12	20.19	264	183212	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	320055	55.46	ng	0.00
7) Phenol-d6	7.07	99	230811	29.60	ng	0.00
23) Nitrobenzene-d5	8.40	82	791848	96.63	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	228893	122.07	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1316300	95.11	ng	-0.06
78) Terphenyl-d14	17.10	244	1142323	102.51	ng	-0.03

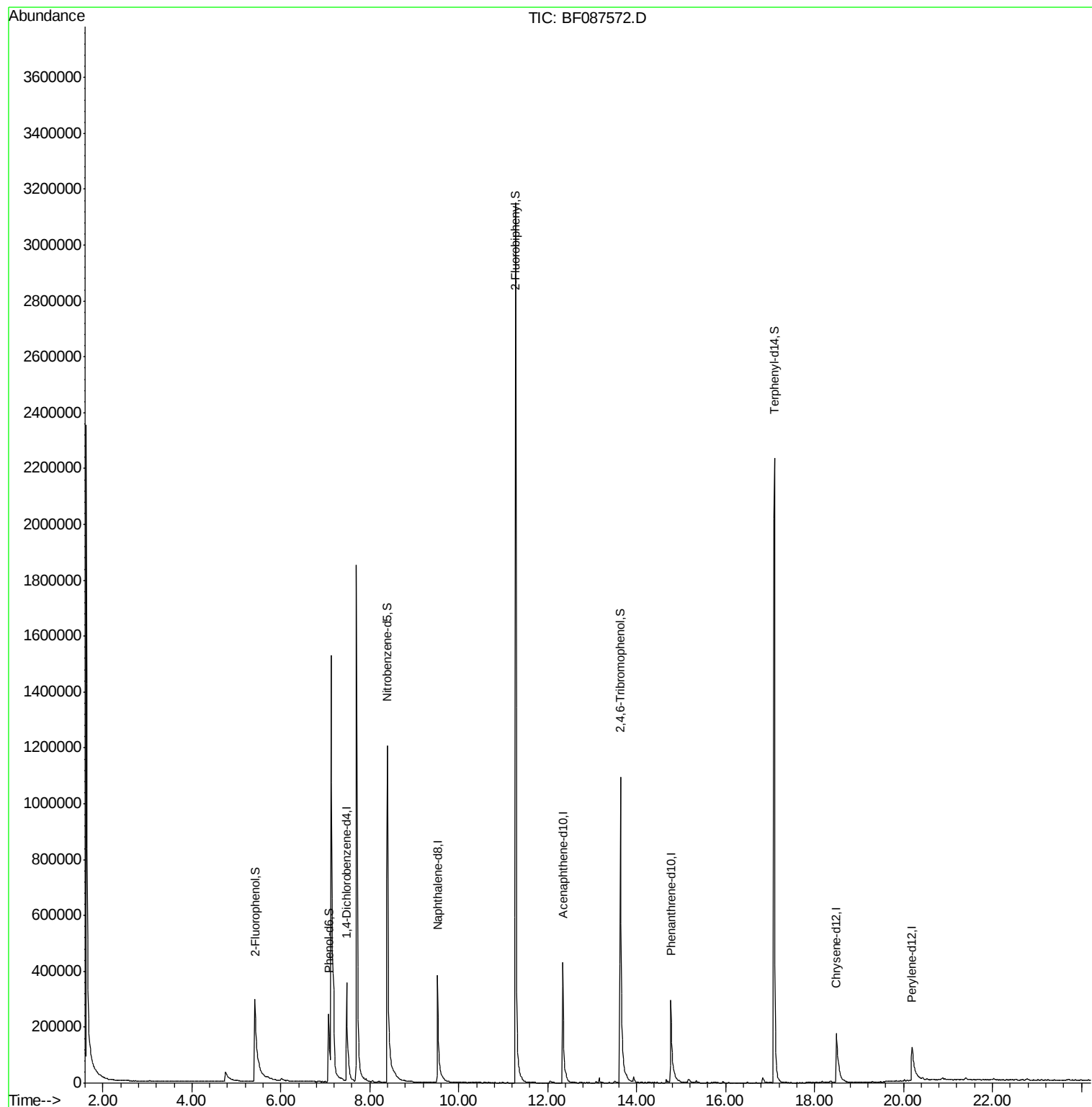
Target Compounds Qvalue

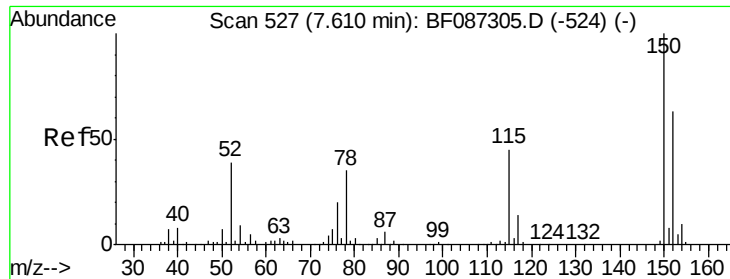
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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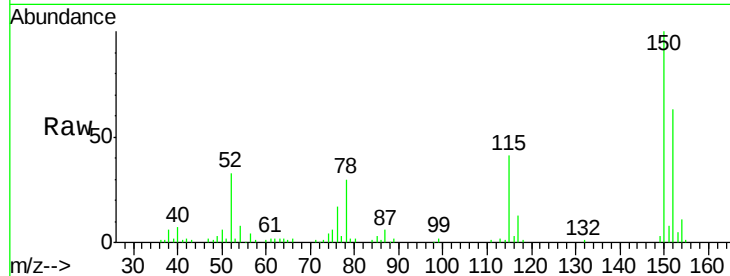


#1

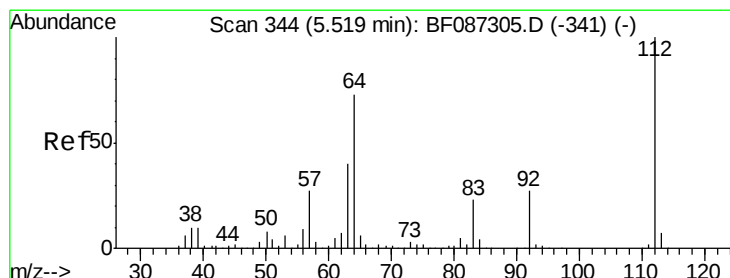
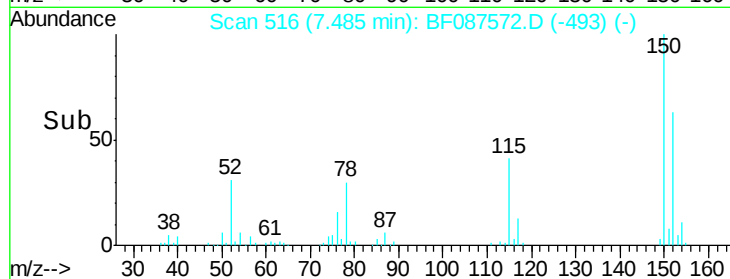
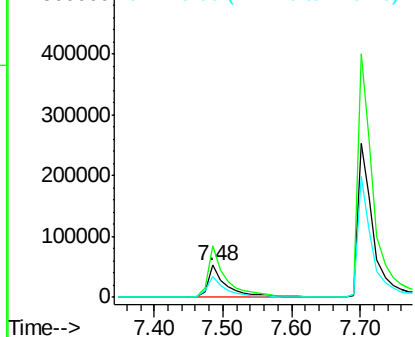
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tot Ion:152 Resp: 101404
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.8 188.6
 115 65.1 51.5 77.3



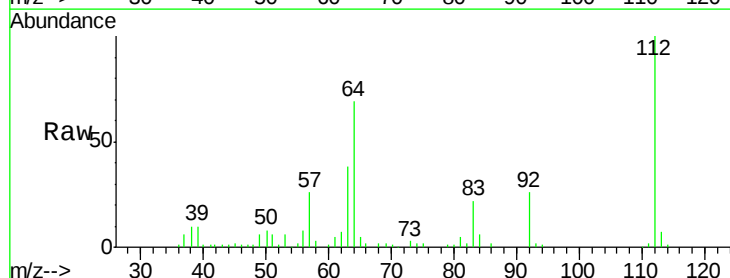
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



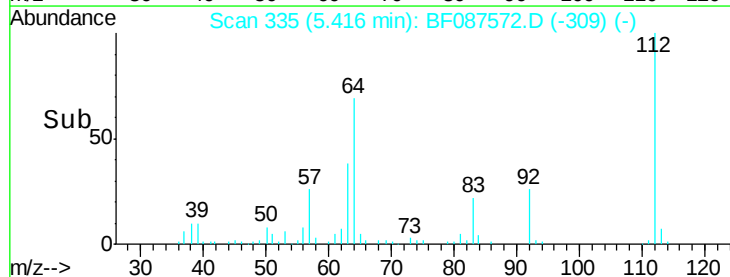
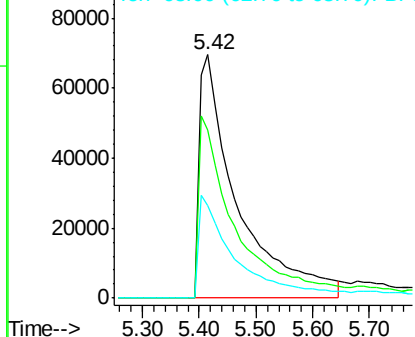
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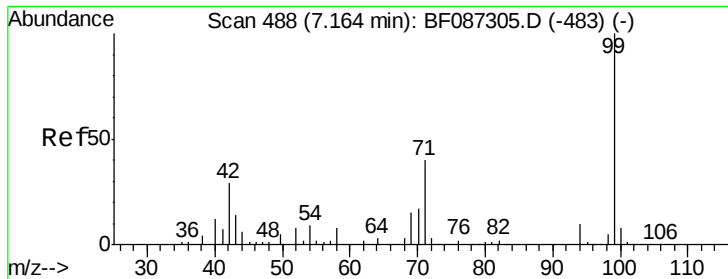
2-Fluorophenol
 Concen: 55.46 ng
 RT: 5.42 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Tgt Ion:112 Resp: 320055
 Ion Ratio Lower Upper
 112 100
 64 69.0 52.1 78.1
 63 38.3 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: 29.60 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087572.D

Acq: 31 May 2016 3:54

Instrument :

BNA_F

ClientSampleId :

MW-29

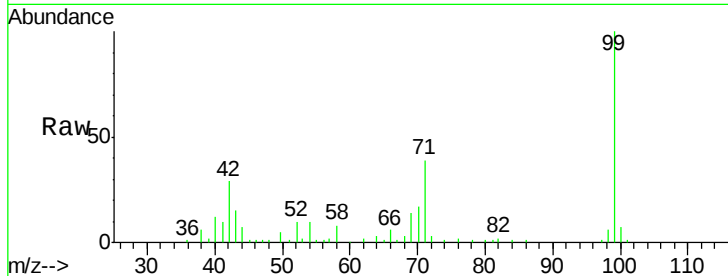
Tot Ion: 99 Resp: 230811

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

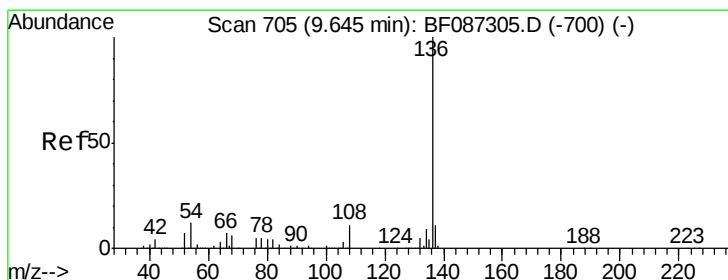
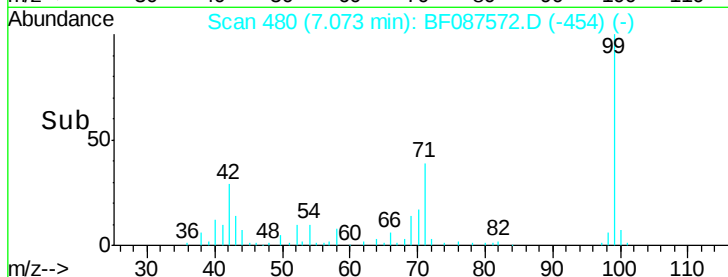
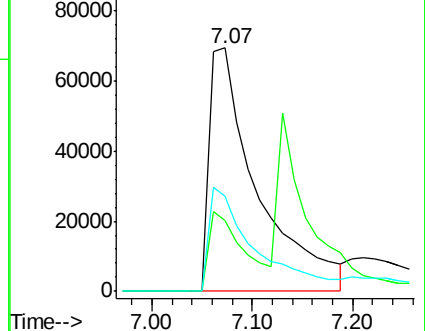
71 39.0 24.6 36.8#



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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087572.D

Acq: 31 May 2016 3:54

Tgt Ion: 136 Resp: 413003

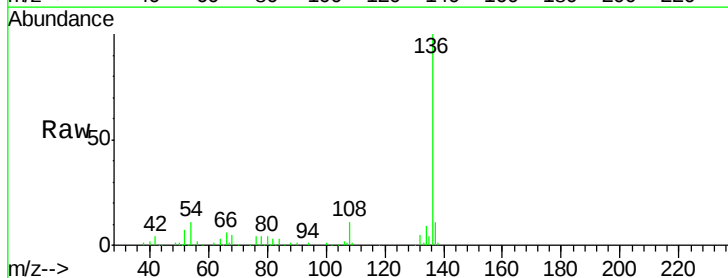
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.7 5.0 7.4#

68 5.3 4.4 6.6

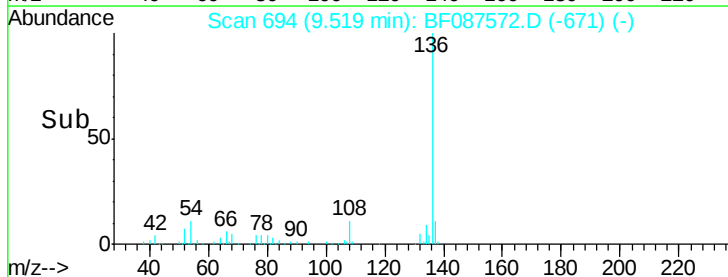
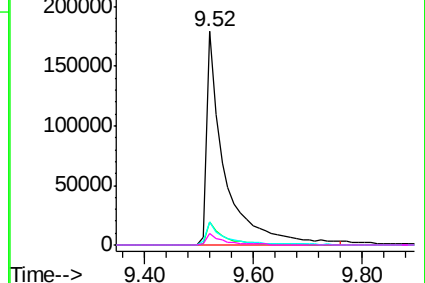


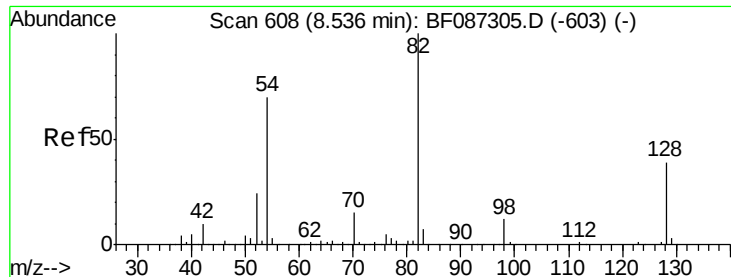
Abundance Ion 136.00 (135.70 to 136.70): E

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

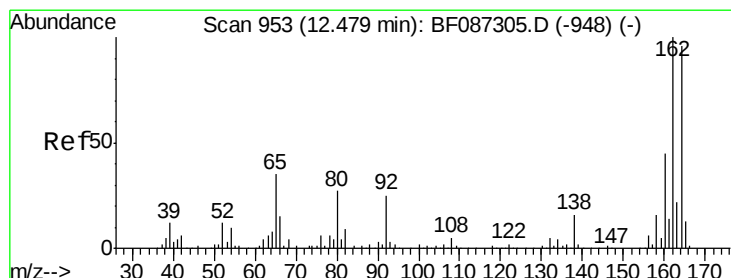
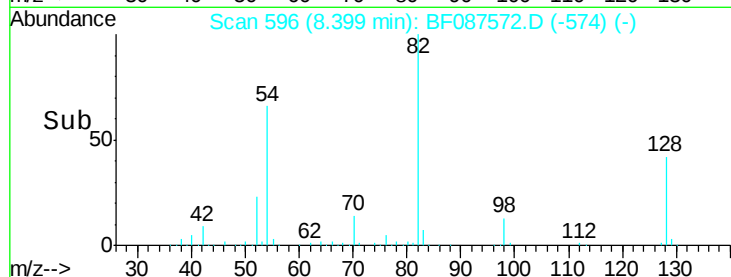
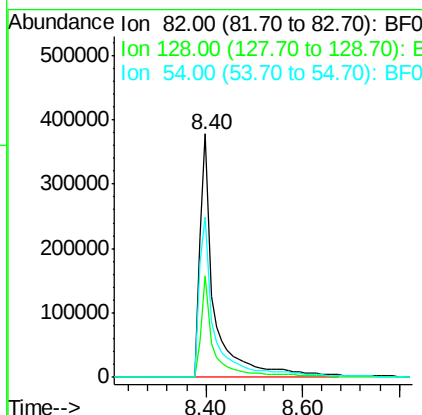
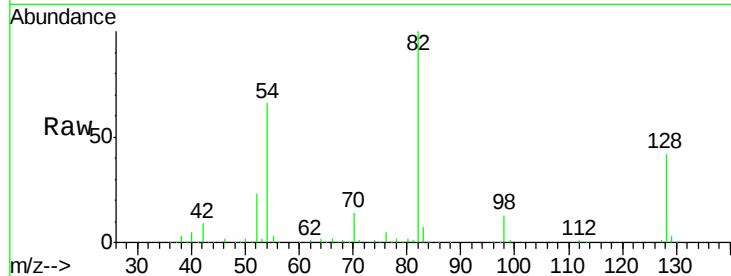




#23
 Nitrobenzene-d5
 Concen: 96.63 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

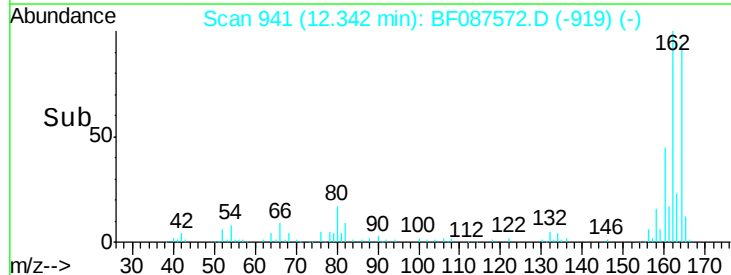
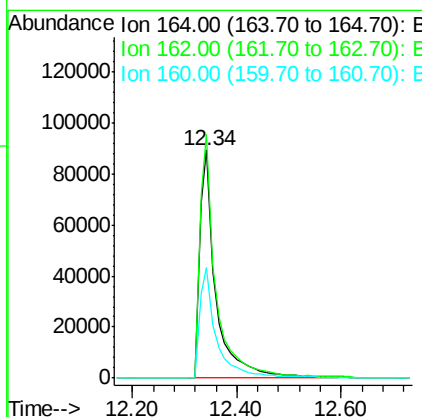
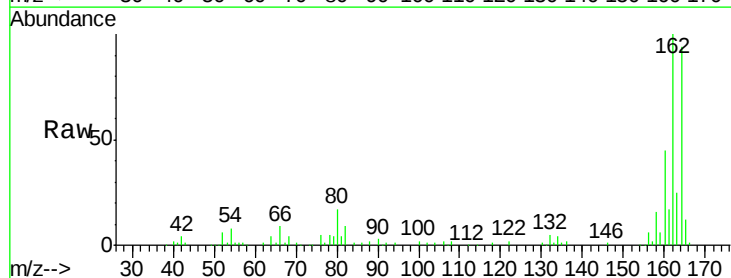
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

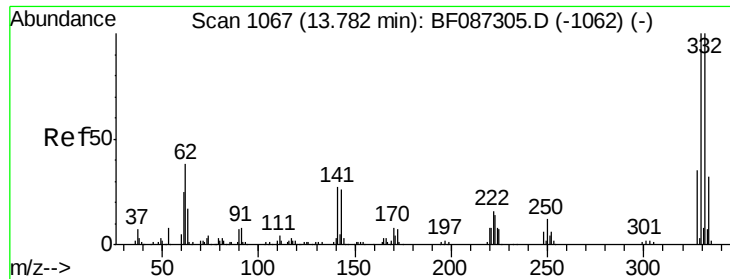
Tot Ion: 82 Resp: 791848
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 65.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Tgt Ion: 164 Resp: 195119
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.8 124.2
 160 48.5 36.9 55.3

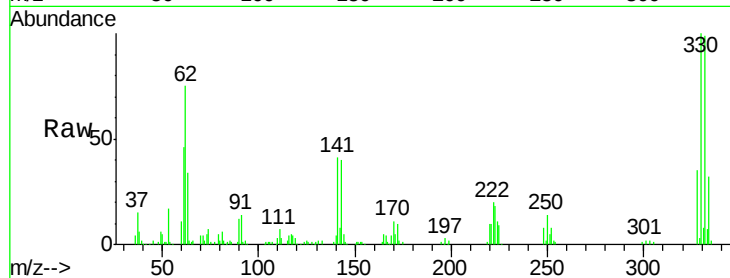




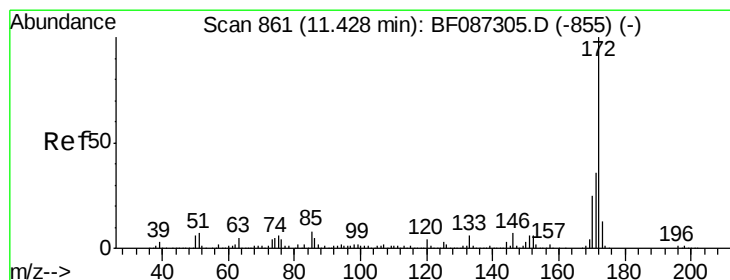
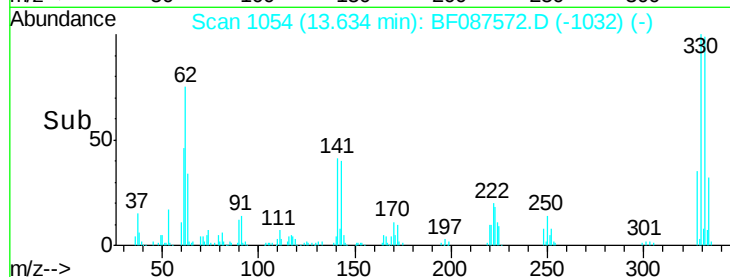
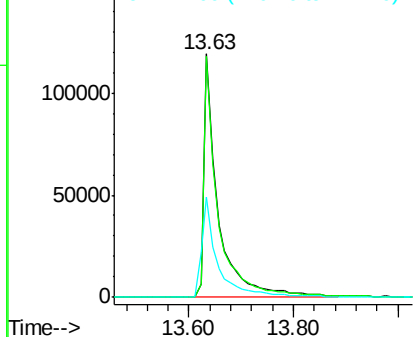
#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tot Ion:330 Resp: 228893
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 46.4 31.2 46.8

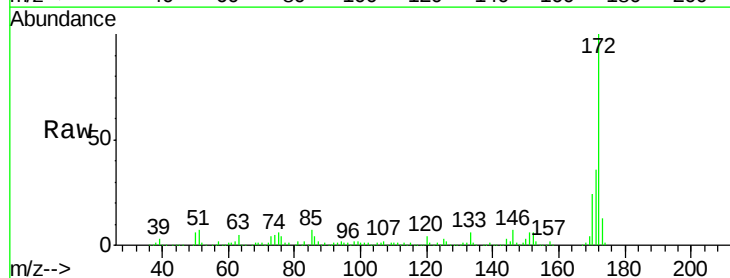


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

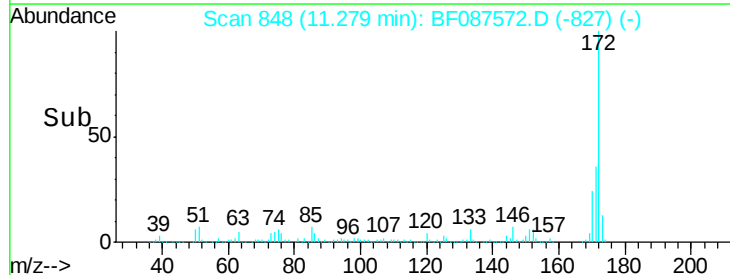
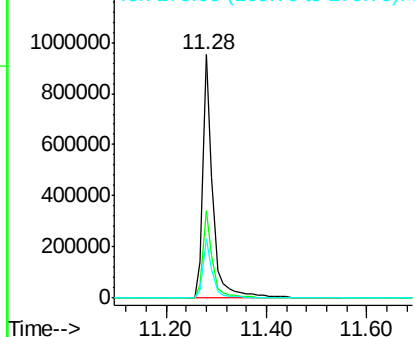


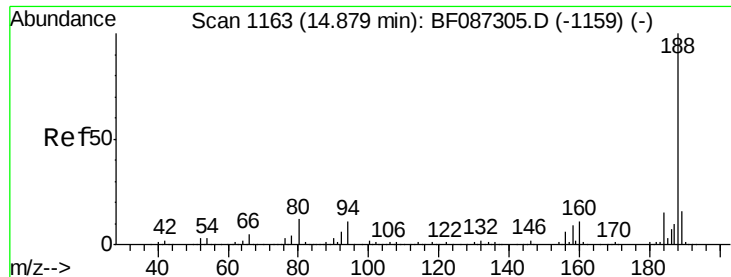
#44
 2-Fluorobiphenyl
 Concen: 95.11 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Tgt Ion:172 Resp: 1316300
 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

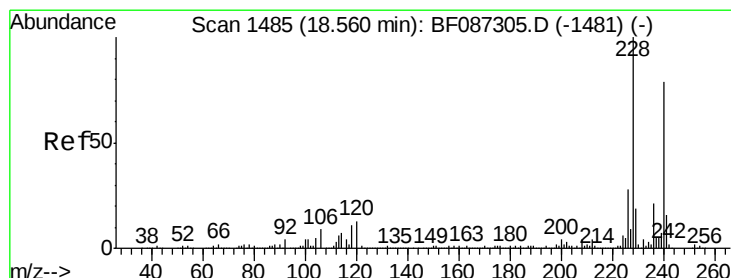
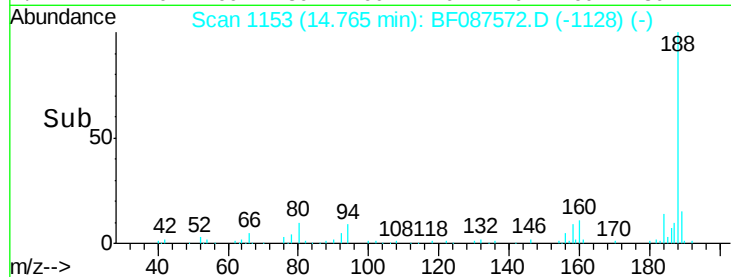
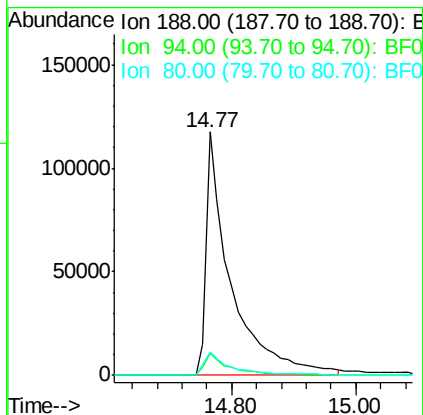
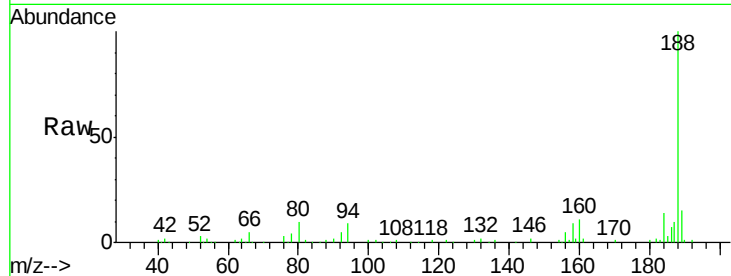




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087572.D
Acq: 31 May 2016 3:54

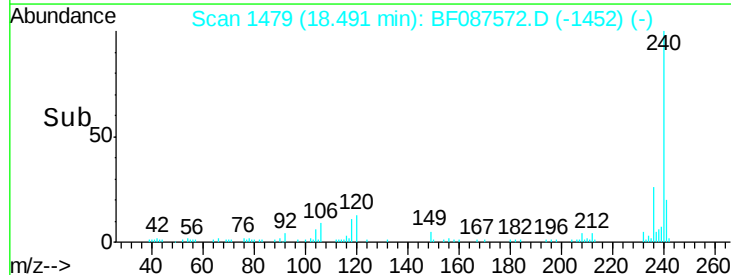
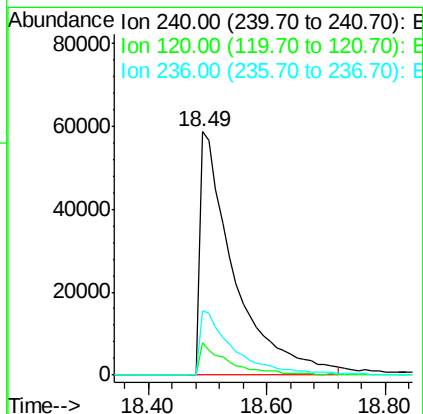
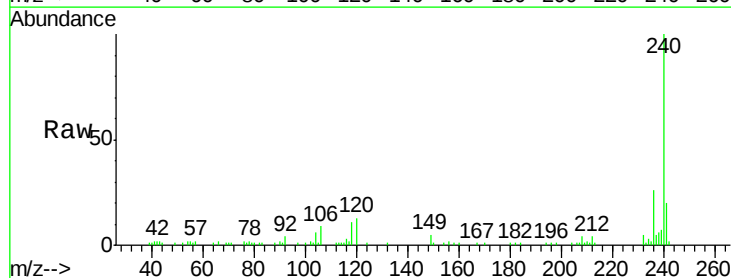
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BNA_F
ClientSampleId :
MW-29

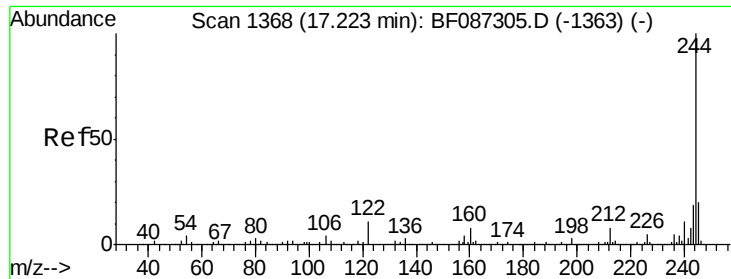
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.8	7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF087572.D
Acq: 31 May 2016 3:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.2	16.8
236	26.3	21.2	31.8

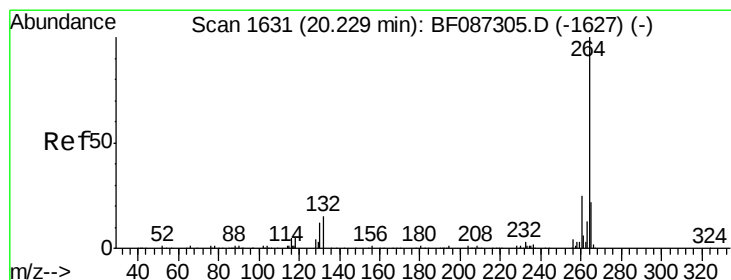
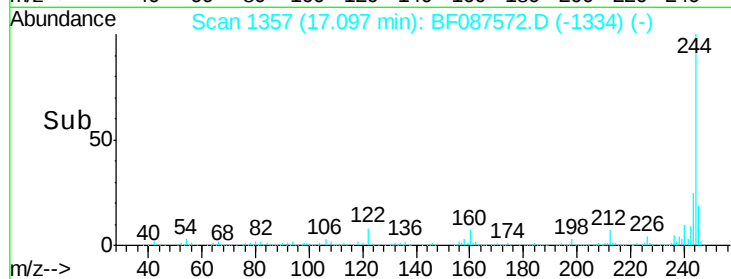
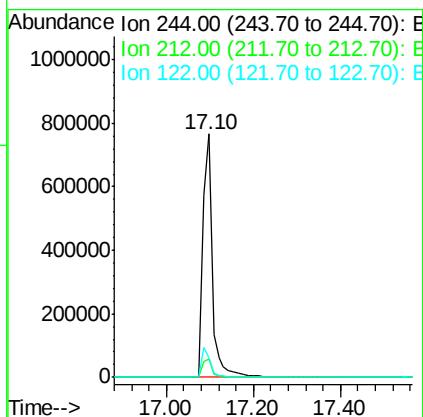
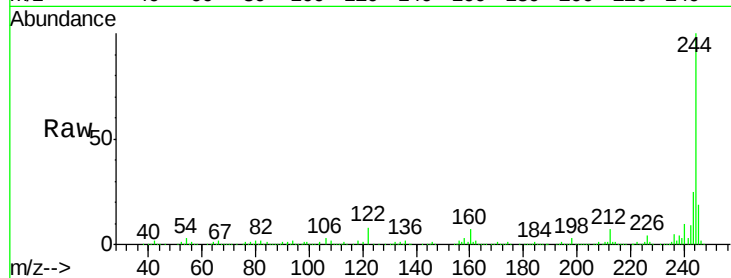




#78
 Terphenyl-d14
 Concen: 102.51 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Instrument :
 BNA_F
 ClientSampled :
 MW-29

Tot Ion:244 Resp: 1142323
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.3 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.19 min Scan# 1628
 Delta R.T. 0.06 min
 Lab File: BF087572.D
 Acq: 31 May 2016 3:54

Tgt Ion:264 Resp: 183212
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.2 17.3 25.9

