

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087405.D
 Acq On : 26 May 2016 10:27
 Operator : UM/SJ
 Sample : H3240-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

Quant Time: May 26 15:50:07 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	7.52	152	109565	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	430981	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	173222	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	275986	20.00	ng	0.00
75) Chrysene-d12	18.47	240	239233	20.00	ng	-0.01
86) Perylene-d12	20.14	264	157857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	906006	145.30	ng	0.05
7) Phenol-d6	7.08	99	1034351	122.77	ng	0.01
23) Nitrobenzene-d5	8.43	82	803088	93.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	199958	120.12	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1295294	105.42	ng	0.00
78) Terphenyl-d14	17.13	244	945810	84.05	ng	0.00

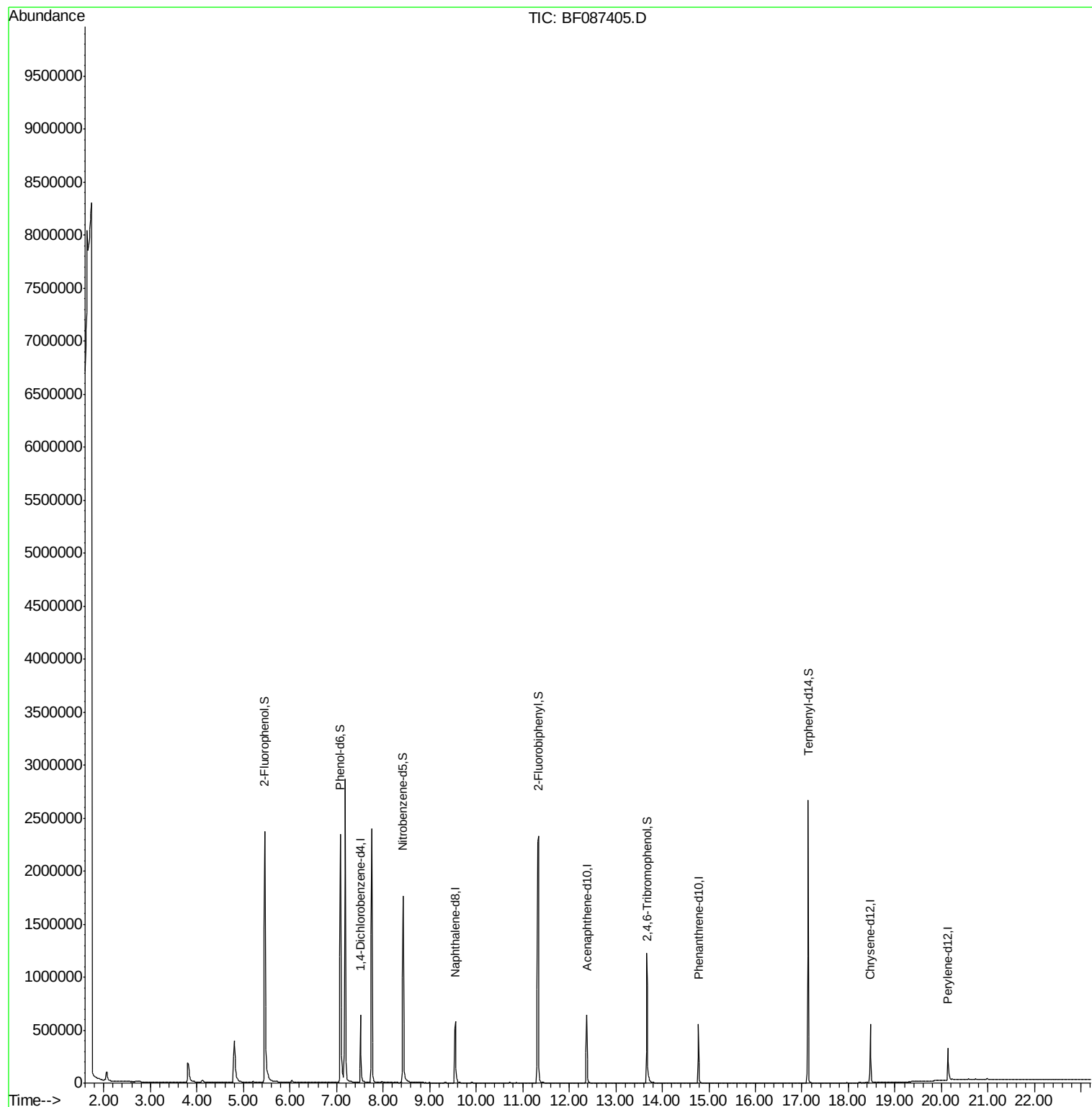
Target Compounds Qvalue

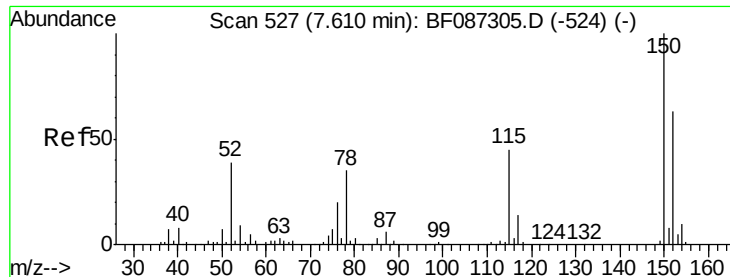
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

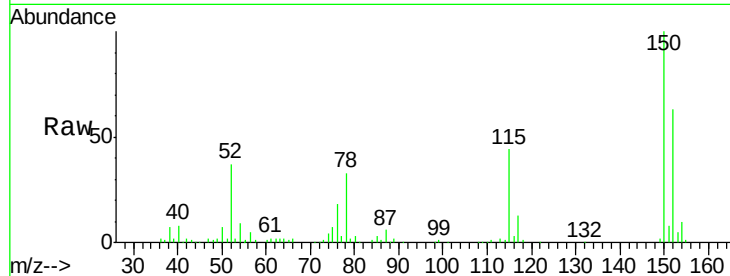
Tot Ion:152 Resp: 109565

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

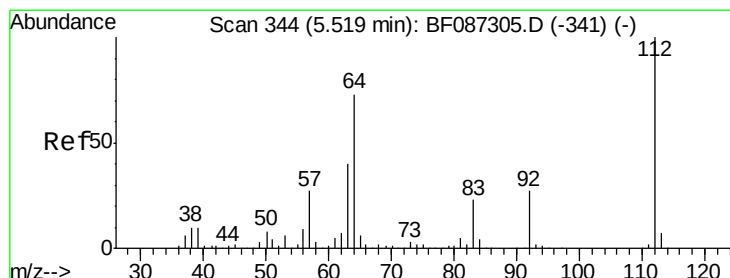
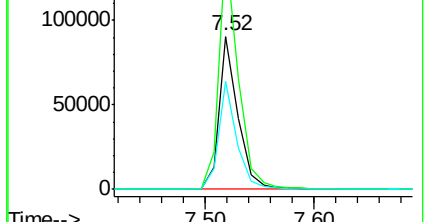
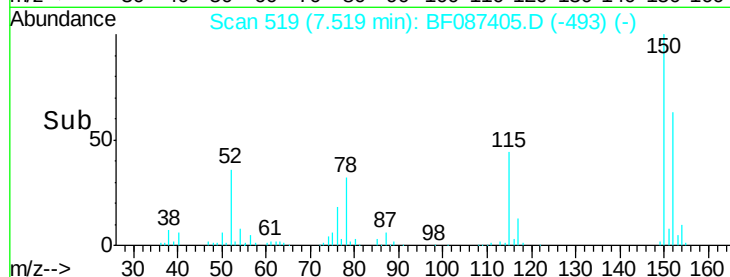
115 70.4 51.5 77.3



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: 145.30 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.05 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

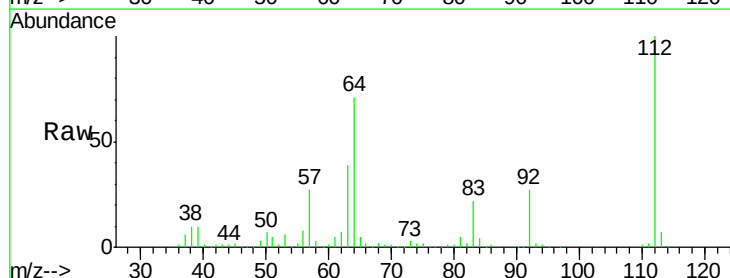
Tgt Ion:112 Resp: 906006

Ion Ratio Lower Upper

112 100

64 70.5 52.1 78.1

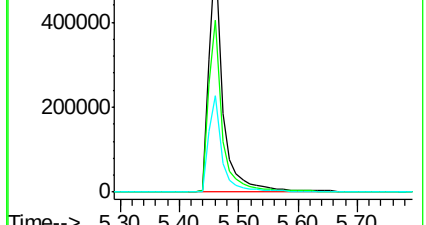
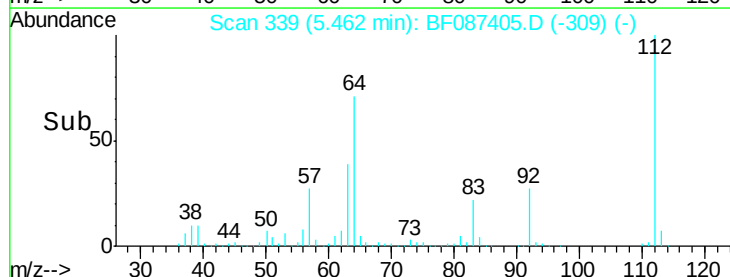
63 39.4 25.7 38.5

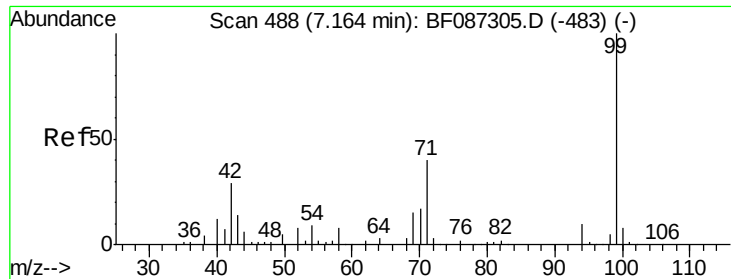


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.77 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

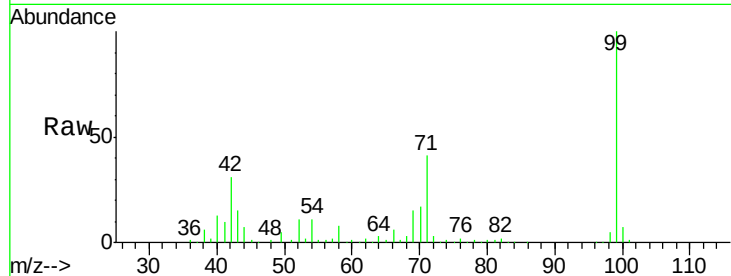
Tot Ion: 99 Resp: 1034351

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

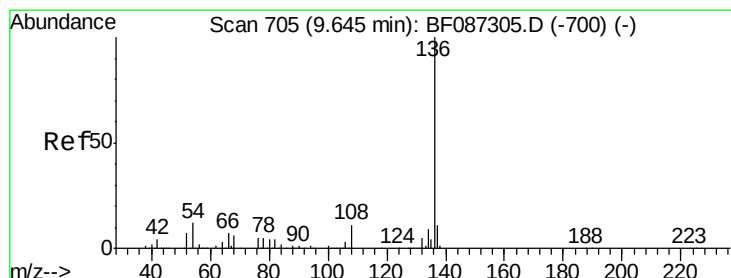
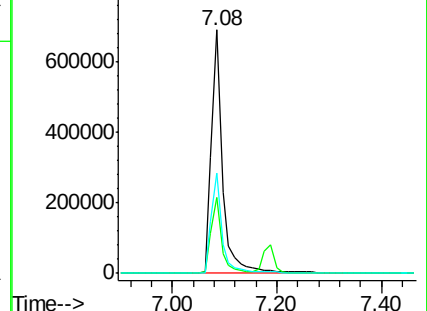
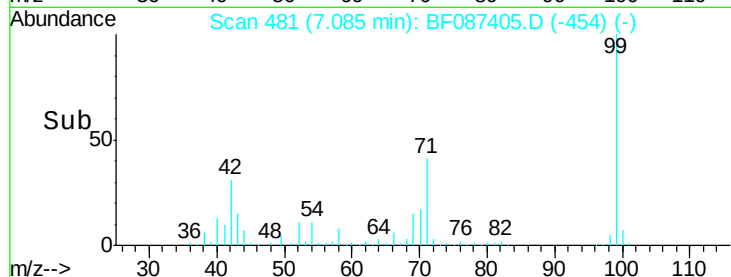
71 41.1 24.6 36.8#



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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Tgt Ion: 136 Resp: 430981

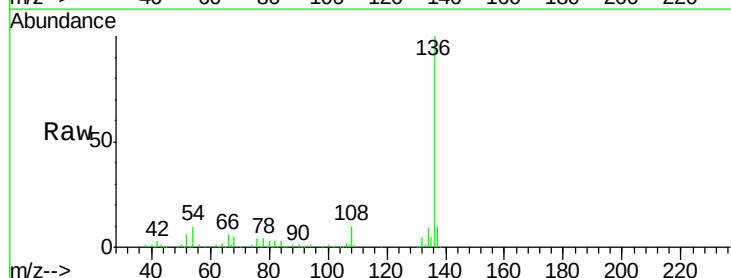
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.8 5.0 7.4#

68 4.9 4.4 6.6

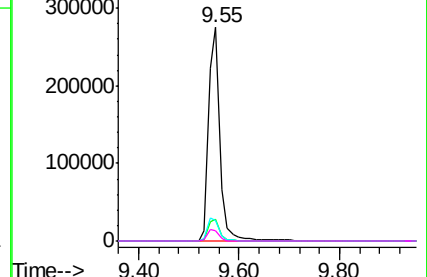
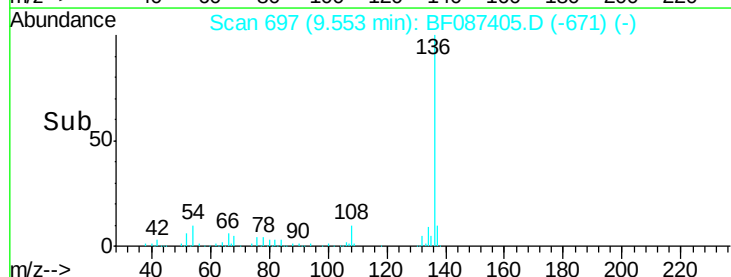


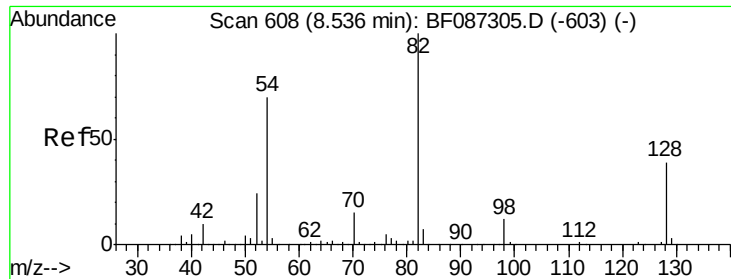
Abundance Ion 136.00 (135.70 to 136.70): E

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

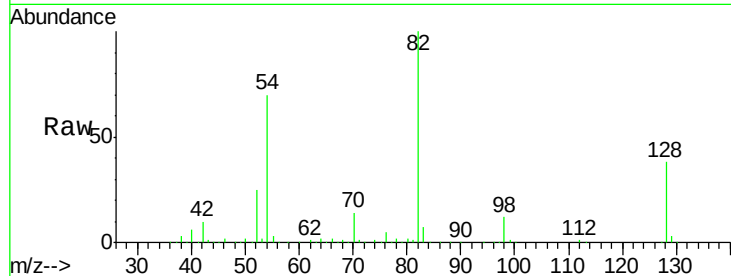




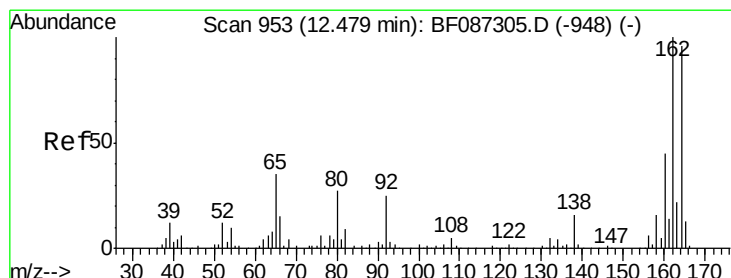
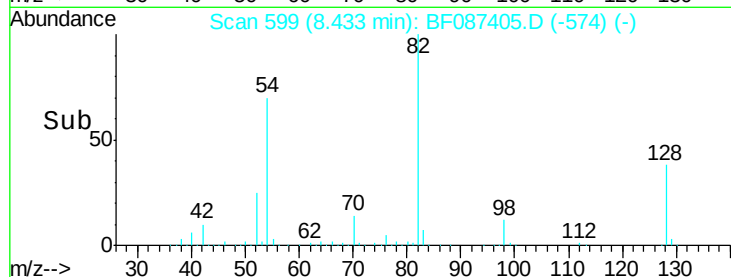
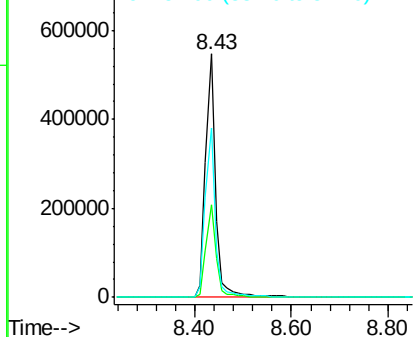
#23
 Nitrobenzene-d5
 Concen: 93.91 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

Tot Ion: 82 Resp: 803088
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 69.7 38.1 57.1#

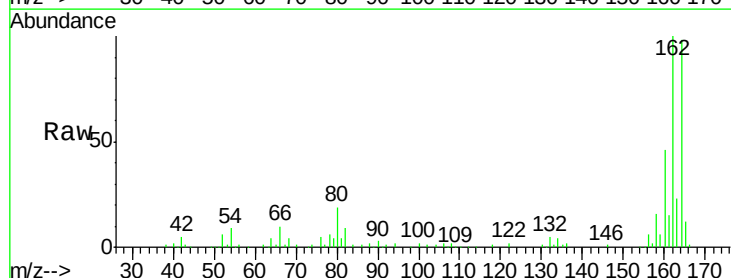


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

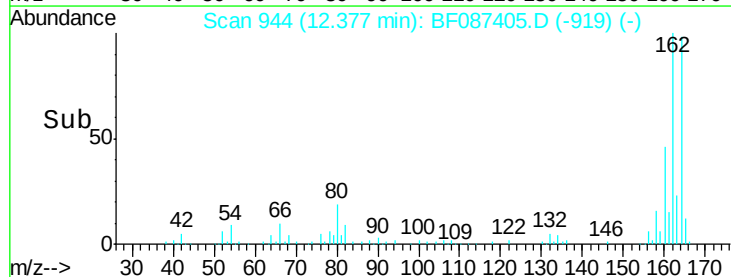
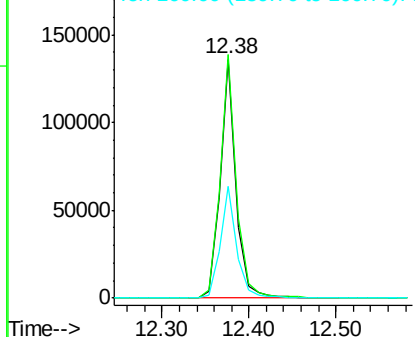


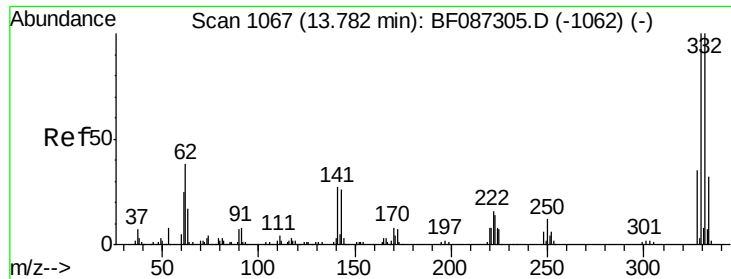
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

Tgt Ion: 164 Resp: 173222
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.7 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

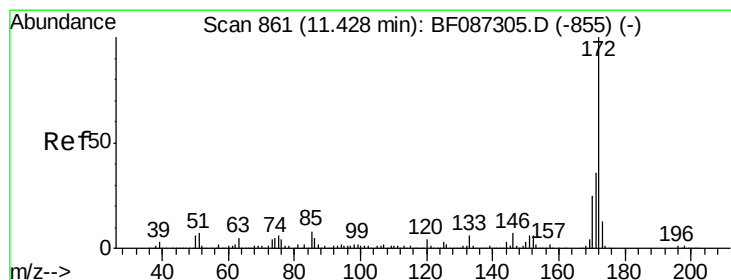
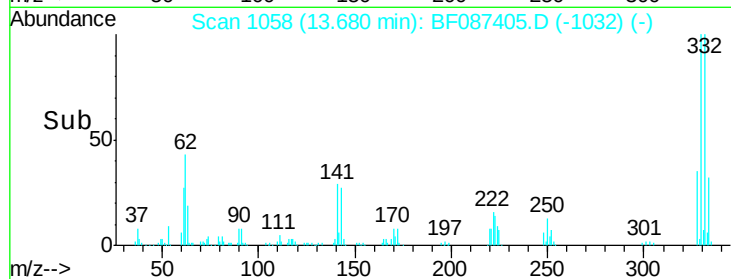
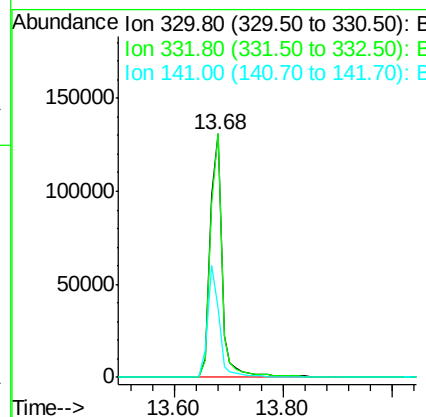
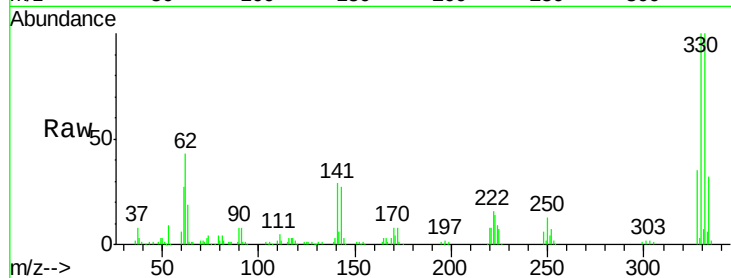




#41
 2,4,6-Tribromophenol
 Concen: 120.12 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

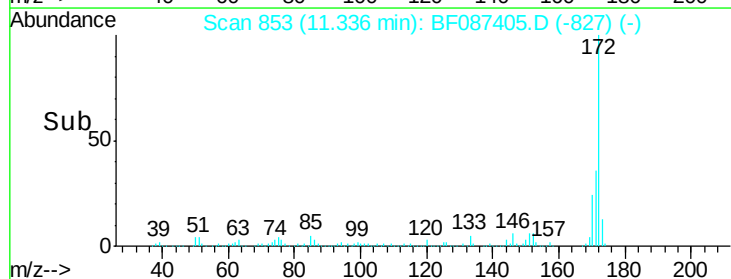
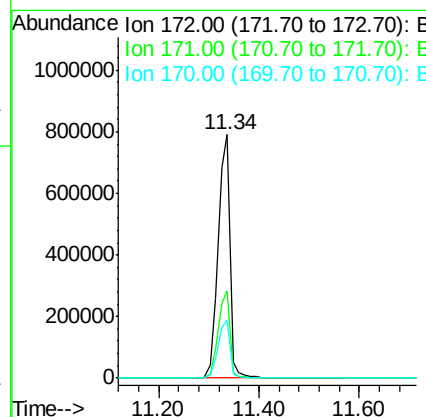
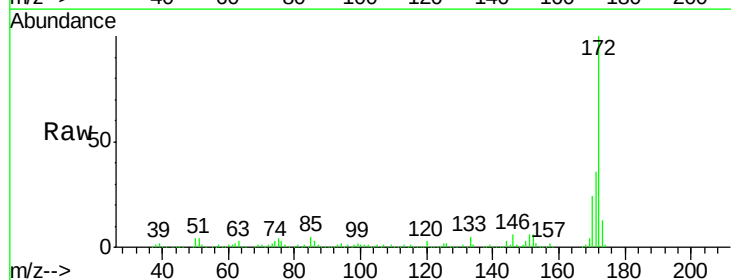
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

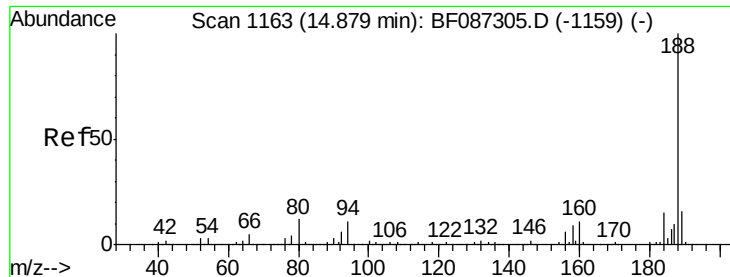
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	44.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 105.42 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087405.D
 Acq: 26 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.0	19.8	29.8

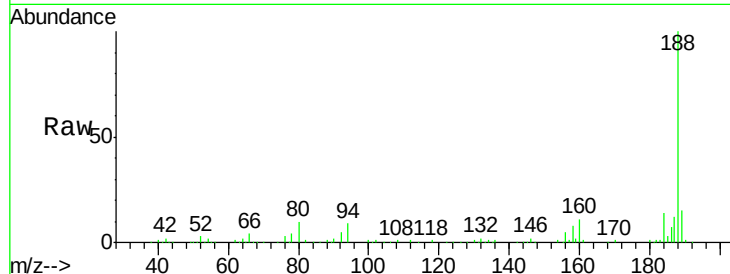




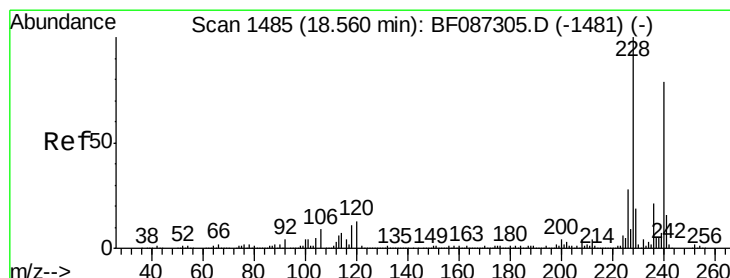
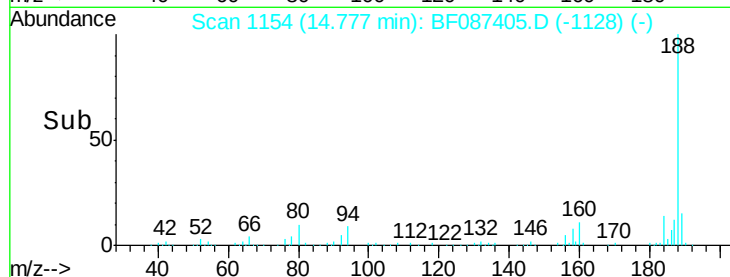
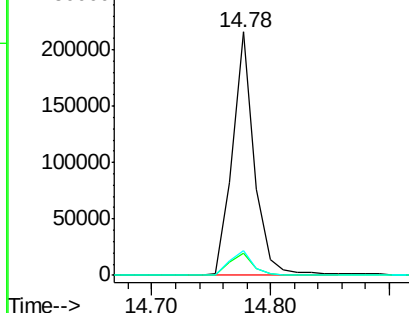
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-46-052316

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	10.4	7.1	10.7

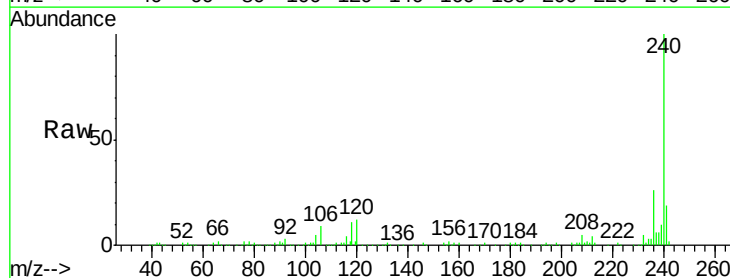


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

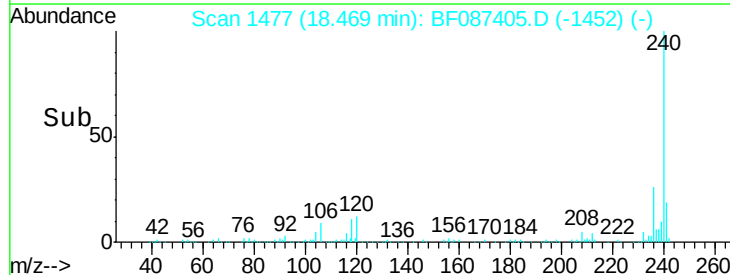
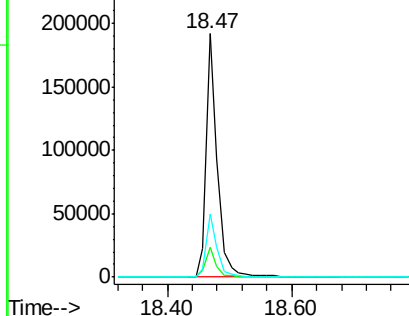


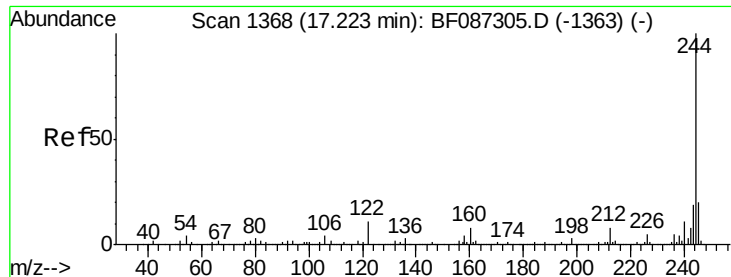
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087405.D
Acq: 26 May 2016 10:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.2	16.8
236	25.9	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: 84.05 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

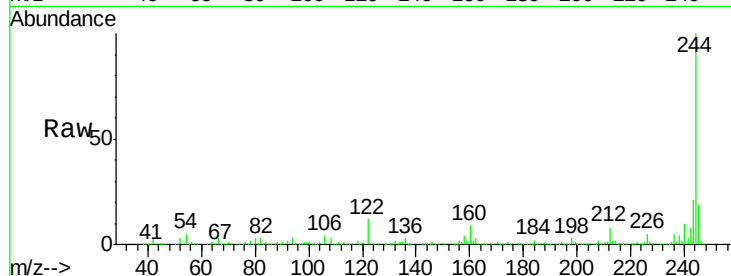
Tot Ion:244 Resp: 945810

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

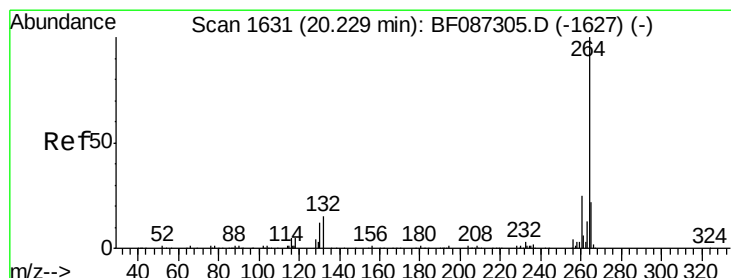
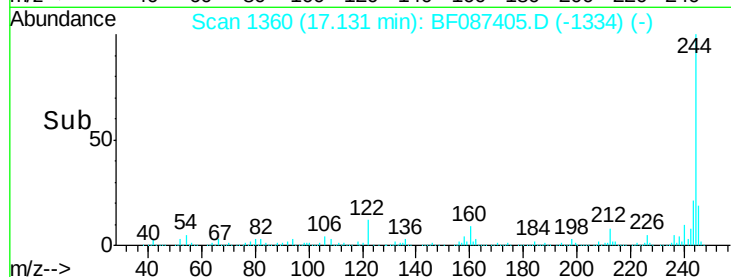
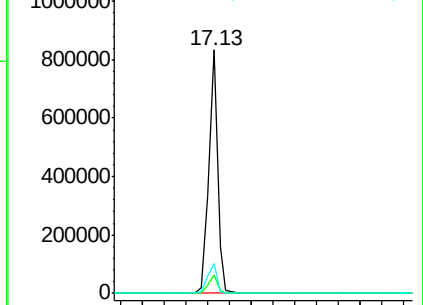
122 12.1 12.0 18.0



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. 0.00 min

Lab File: BF087405.D

Acq: 26 May 2016 10:27

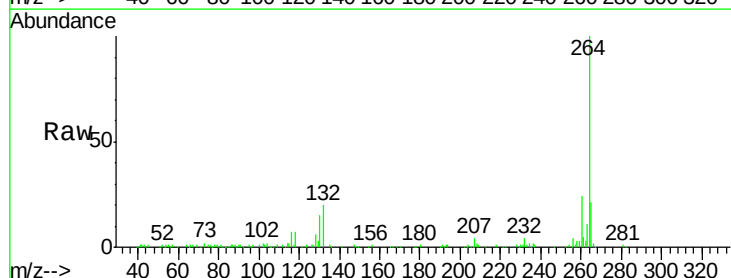
Tgt Ion:264 Resp: 157857

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.8 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

