

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087444.D
 Acq On : 27 May 2016 15:37
 Operator : UM/SJ
 Sample : H3240-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 27 17:11:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 17:03:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	120563	20.00	ng	0.00
21) Naphthalene-d8	9.52	136	505476	20.00	ng	0.00
38) Acenaphthene-d10	12.34	164	230628	20.00	ng	-0.01
63) Phenanthrene-d10	14.74	188	478559	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	402231	20.00	ng	-0.01
86) Perylene-d12	20.13	264	123258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	965580	140.73	ng	0.02
7) Phenol-d6	7.04	99	1178060	127.07	ng	-0.01
23) Nitrobenzene-d5	8.40	82	911830	90.91	ng	-0.02
41) 2,4,6-Tribromophenol	13.65	330	370384	167.12	ng	0.00
44) 2-Fluorobiphenyl	11.29	172	1581816	96.69	ng	-0.01
78) Terphenyl-d14	17.11	244	1667397	88.13	ng	0.00

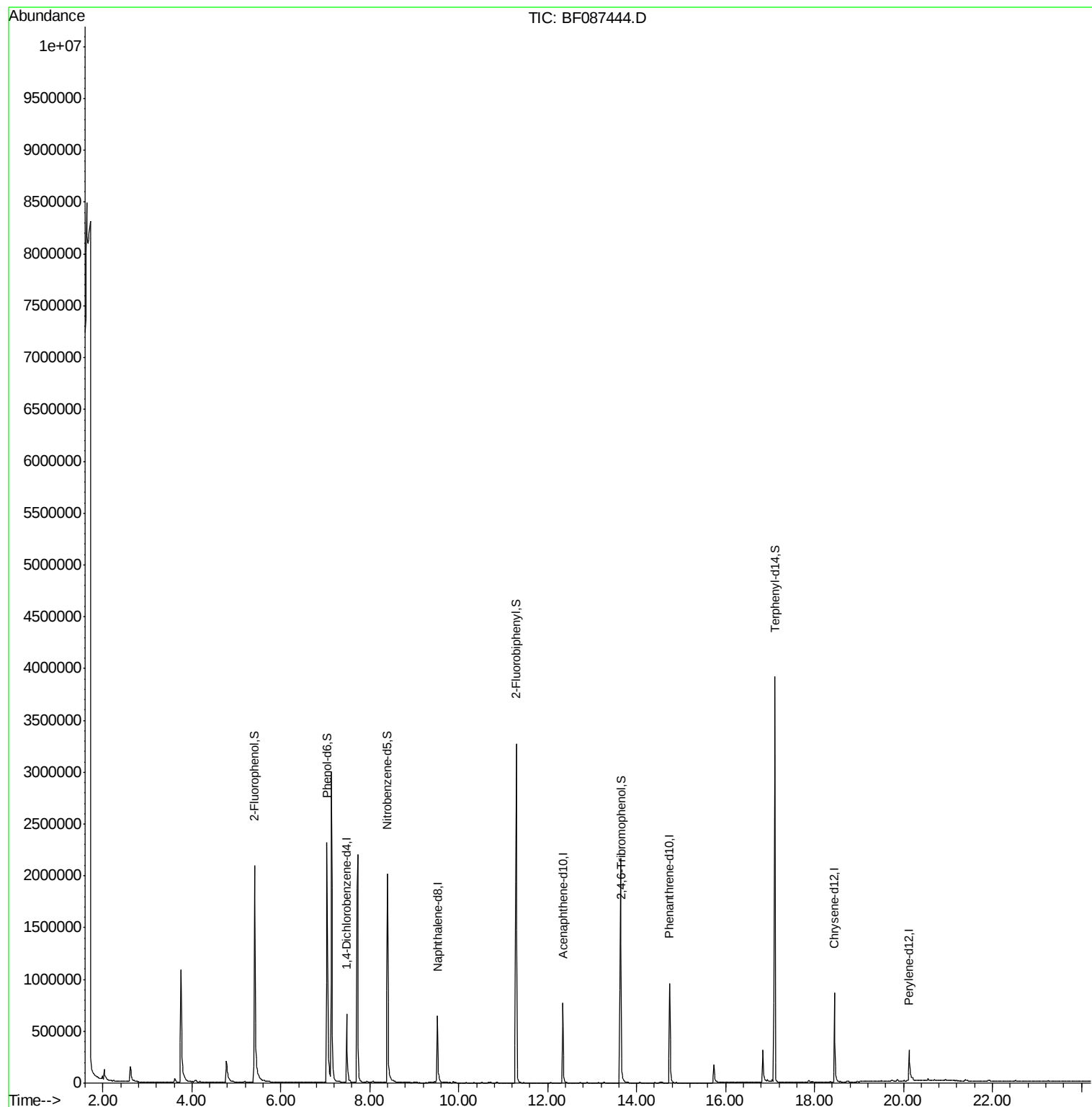
Target Compounds	Qvalue
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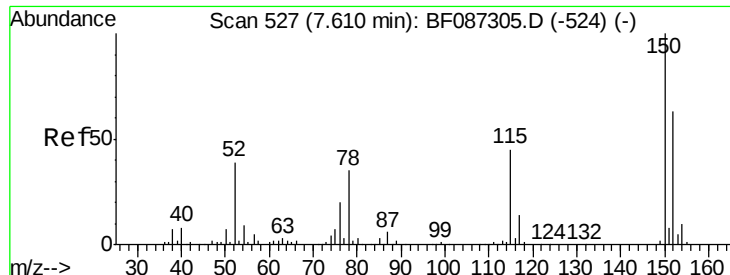
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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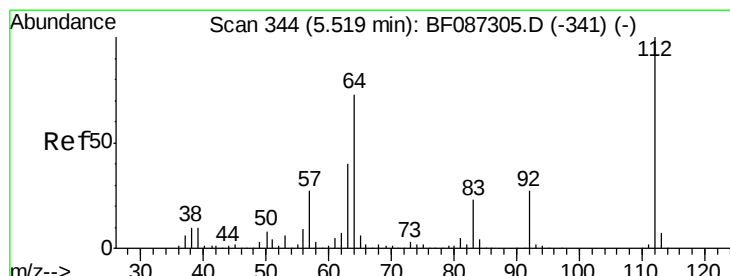
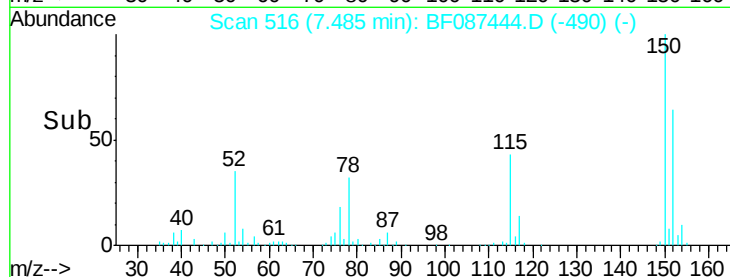
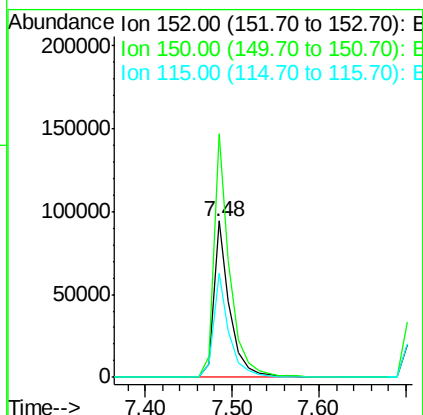
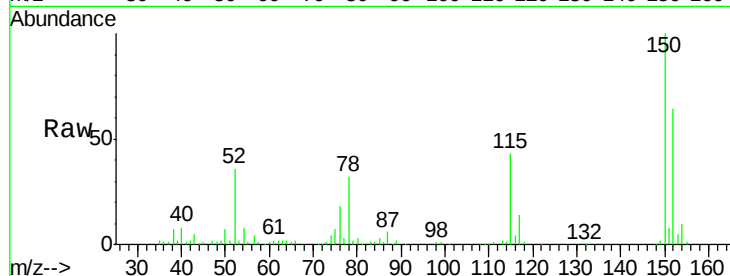


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

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

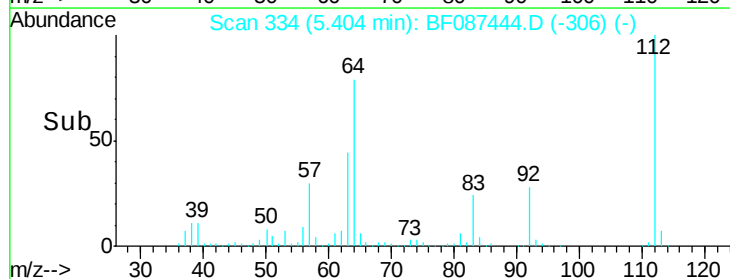
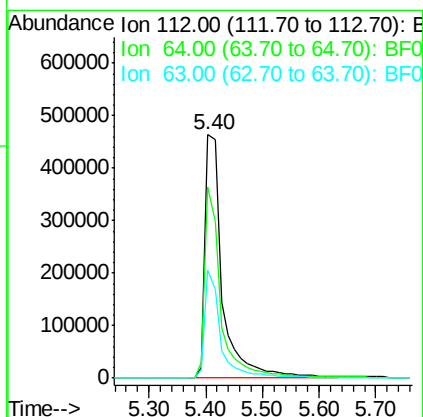
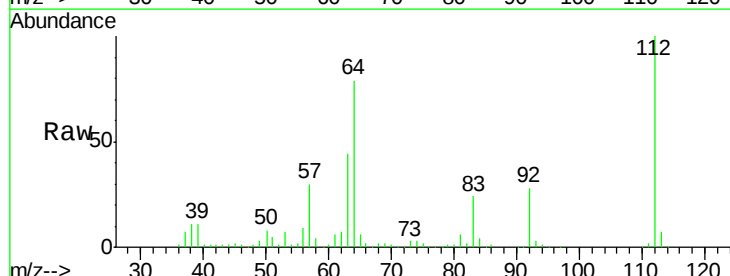
Tot Ion:152 Resp: 120563
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 66.8 51.5 77.3

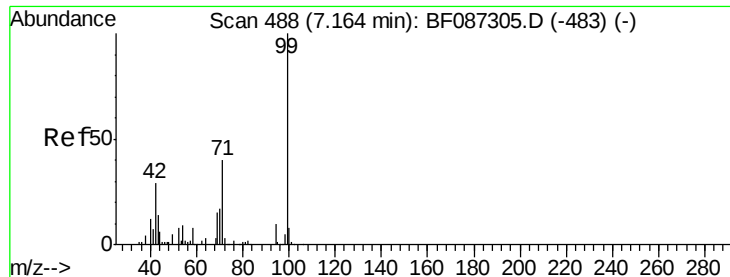


#5

2-Fluorophenol
Concen: 140.73 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.02 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Tgt Ion:112 Resp: 965580
Ion Ratio Lower Upper
112 100
64 78.7 52.1 78.1#
63 44.3 25.7 38.5#





#7

Phenol-d6

Concen: 127.07 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

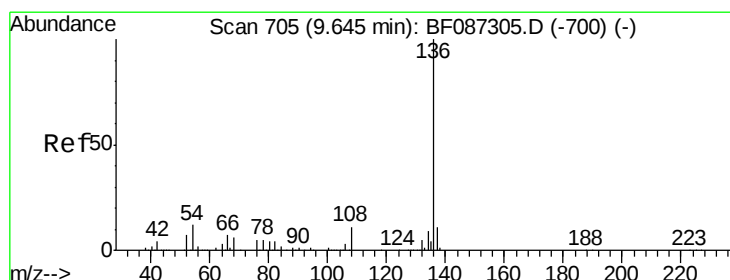
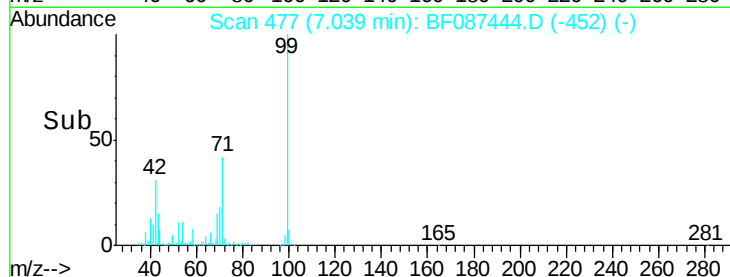
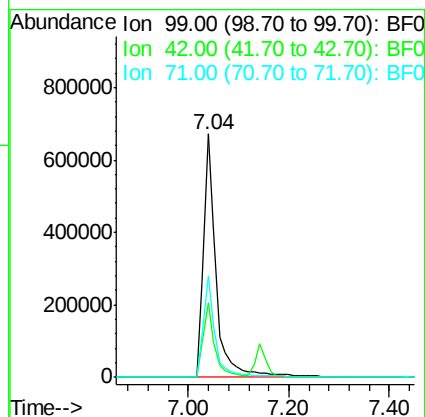
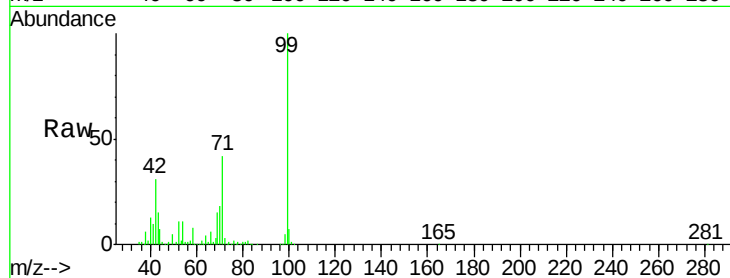
Tot Ion: 99 Resp: 1178060

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

71 41.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Tgt Ion: 136 Resp: 505476

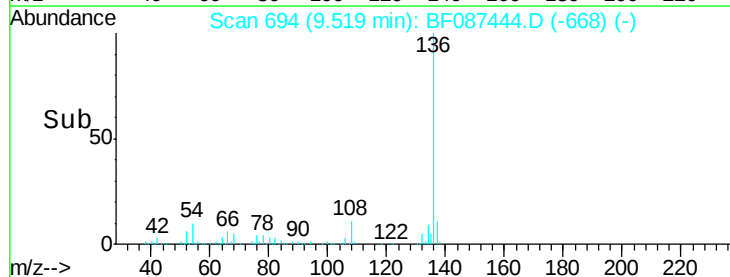
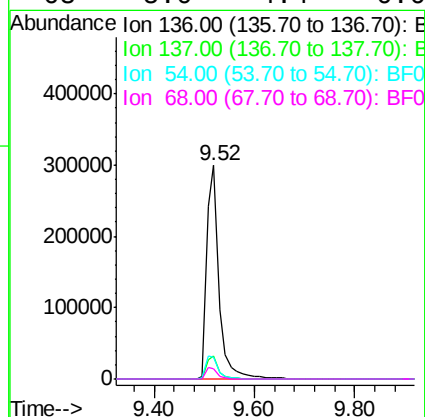
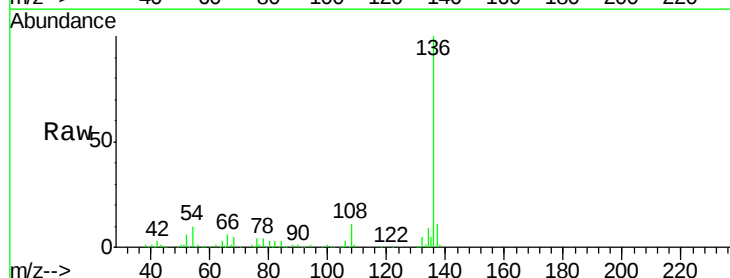
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.0 5.0 7.4#

68 5.0 4.4 6.6

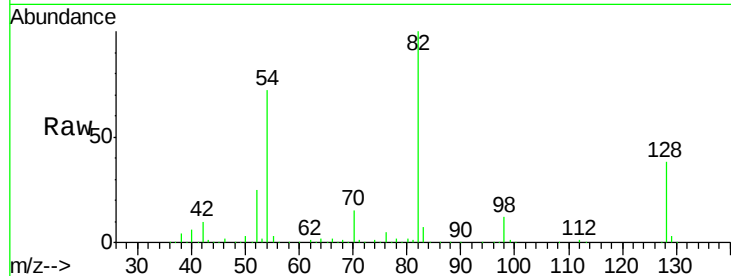




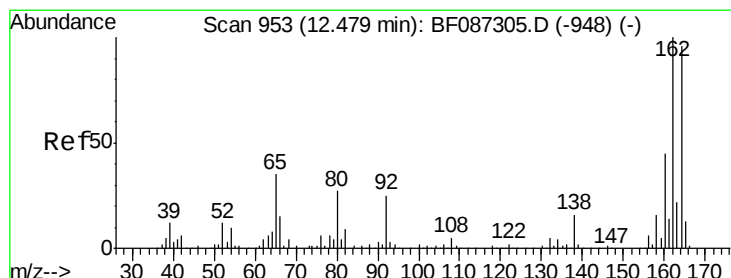
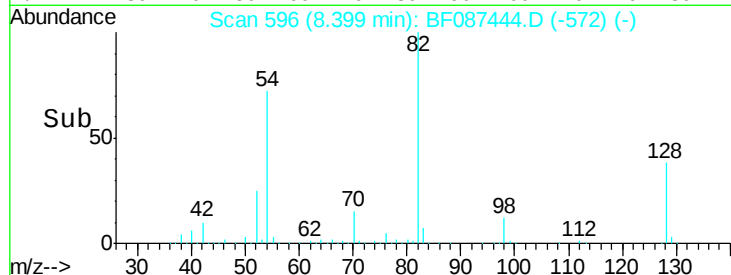
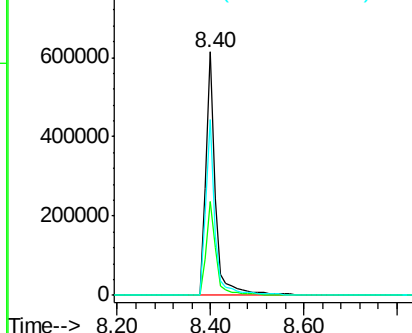
#23
Nitrobenzene-d5
Concen: 90.91 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

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

Tot Ion: 82 Resp: 911830
Ion Ratio Lower Upper
82 100
128 38.3 40.6 61.0#
54 72.0 38.1 57.1#

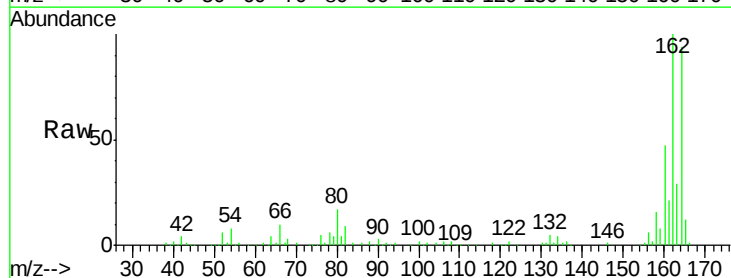


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

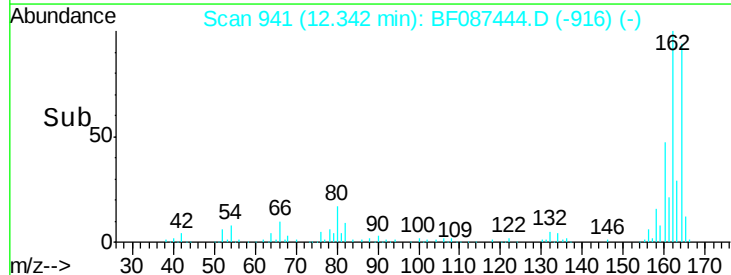
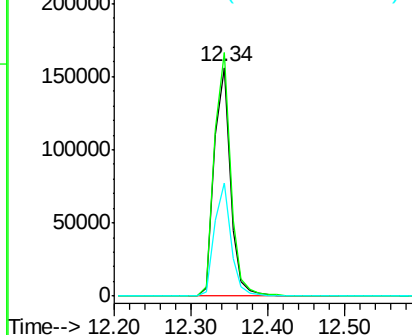


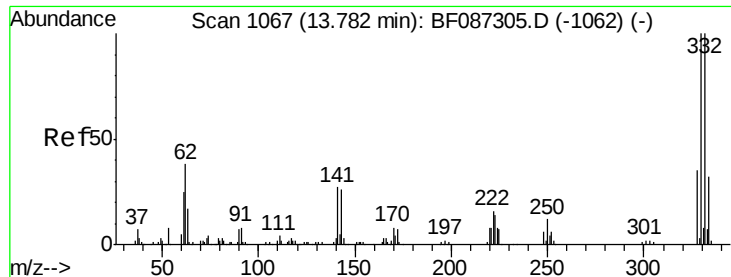
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Tgt Ion:164 Resp: 230628
Ion Ratio Lower Upper
164 100
162 106.5 82.8 124.2
160 49.7 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

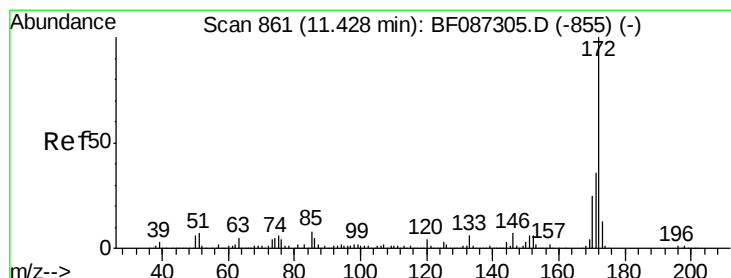
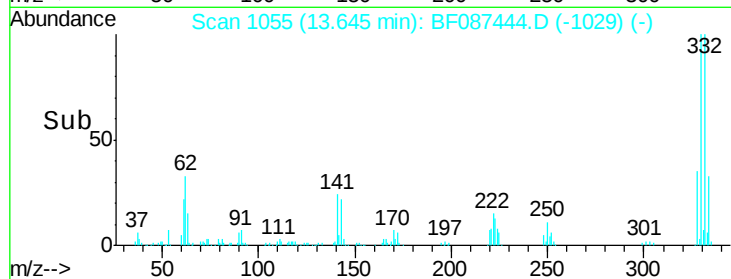
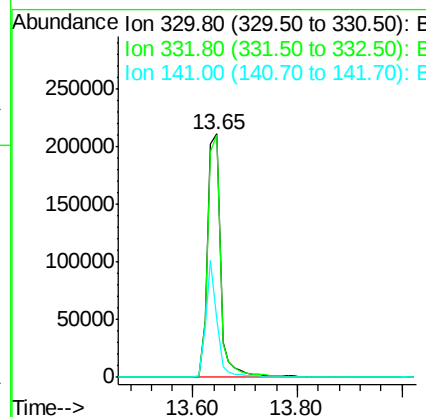
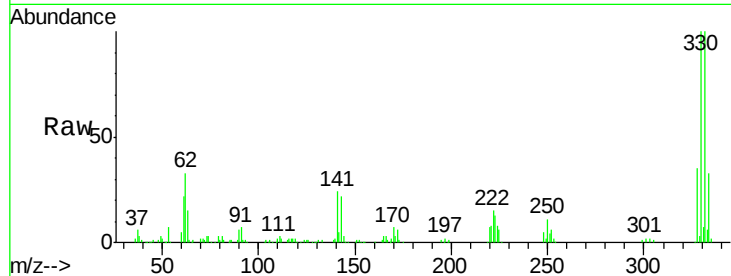




#41
 2,4,6-Tribromophenol
 Concen: 167.12 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

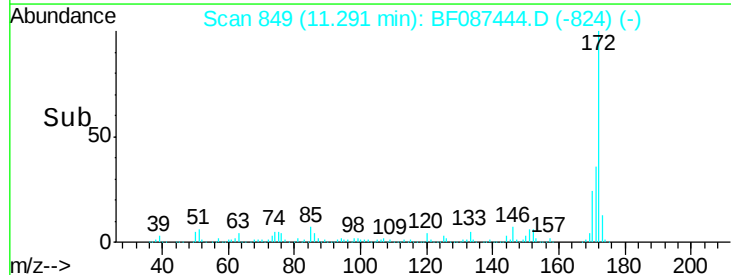
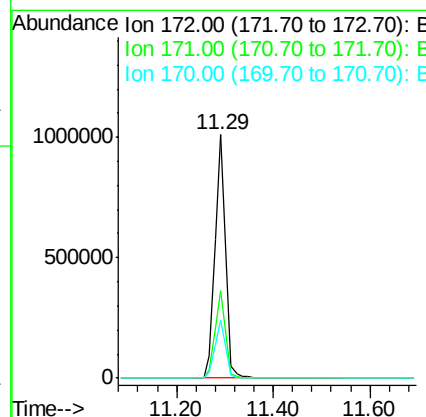
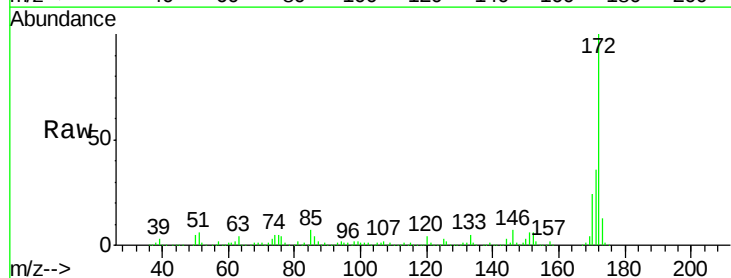
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

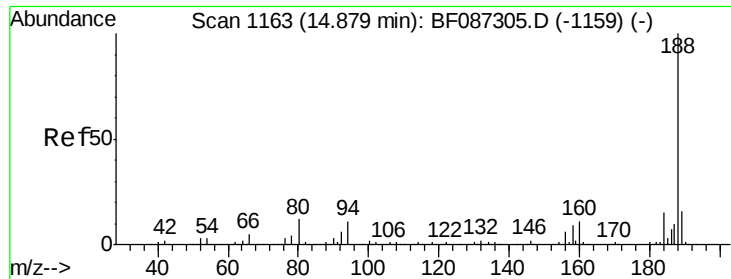
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	41.5	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 96.69 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF087444.D
 Acq: 27 May 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.1	19.8	29.8

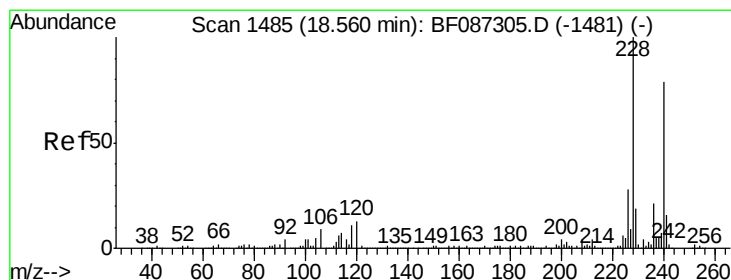
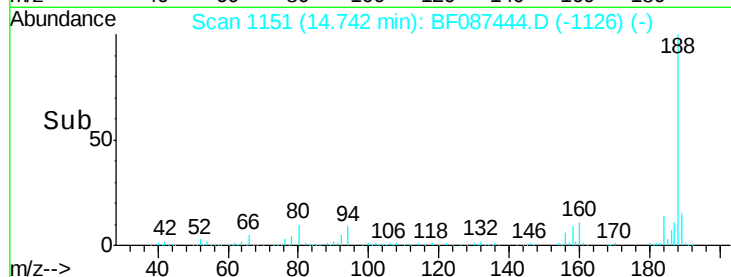
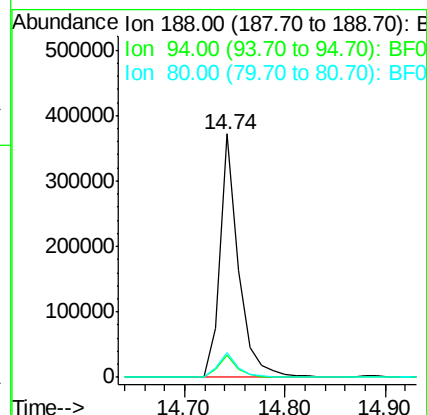
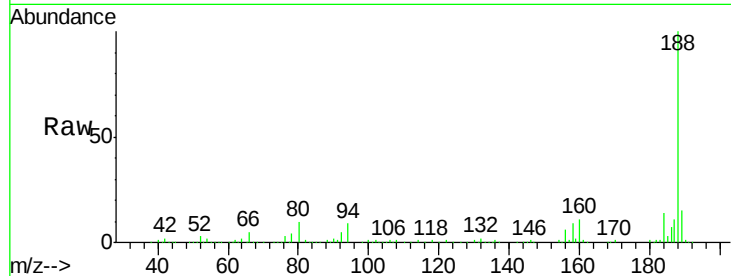




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

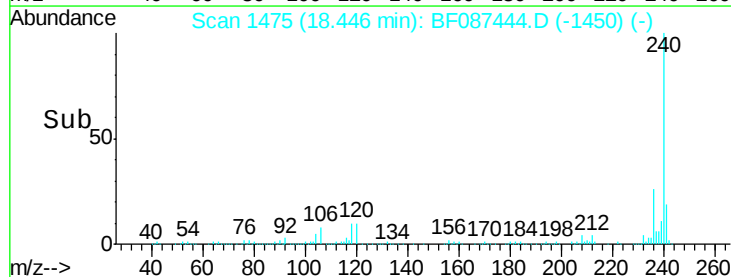
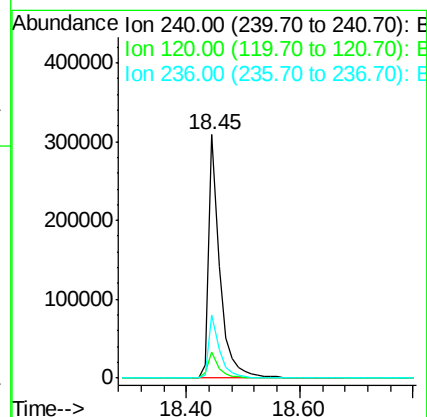
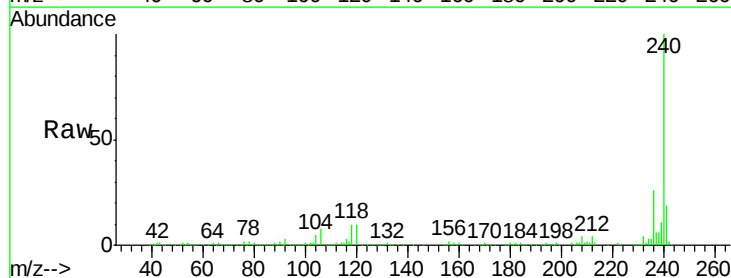
Instrument :
BNA_F
ClientSampleId :
HSR-WC-46-052316

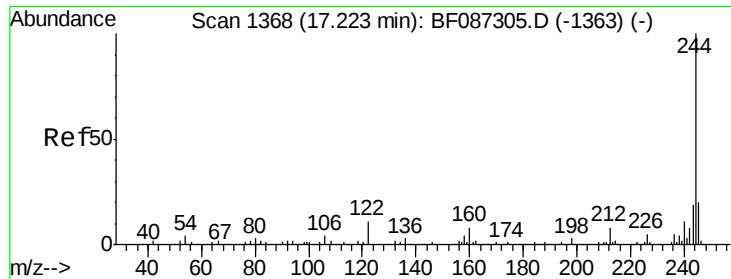
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.8	10.2
80	10.2	7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087444.D
Acq: 27 May 2016 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	25.8	21.2	31.8





#78

Terphenyl-d14

Concen: 88.13 ng

RT: 17.11 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

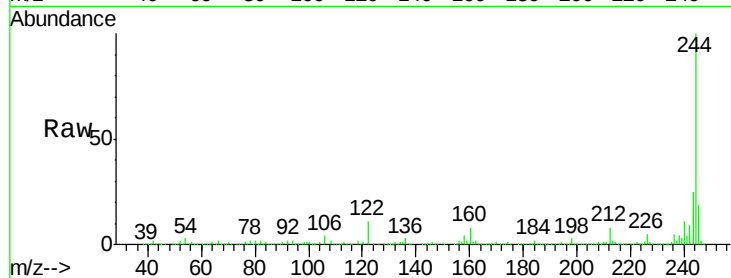
Tot Ion:244 Resp: 1667397

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

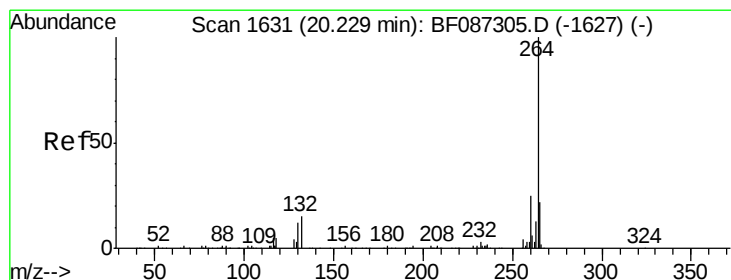
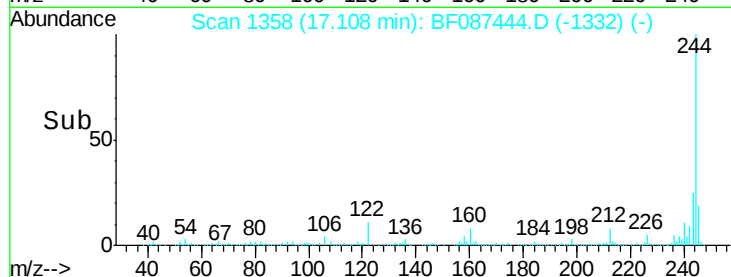
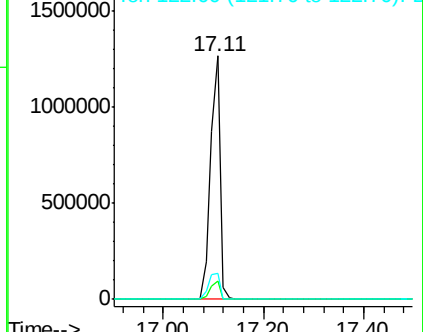
122 10.5 12.0 18.0#



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: 20.13 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF087444.D

Acq: 27 May 2016 15:37

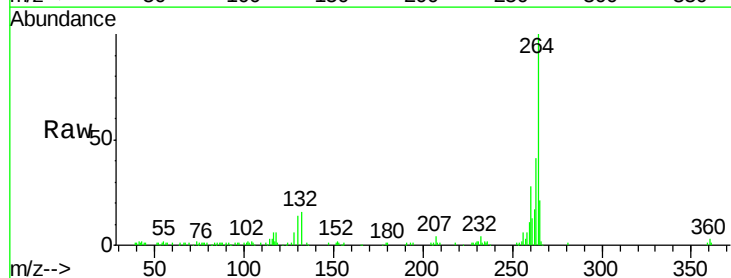
Tgt Ion:264 Resp: 123258

Ion Ratio Lower Upper

264 100

260 28.0 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

