

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087413.D
 Acq On : 26 May 2016 17:49
 Operator : UM/SJ
 Sample : H3233-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-D-M

Quant Time: May 27 02:05:59 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	7.51	152	100071	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	404437	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	189568	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	366604	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	300668	20.00	ng	-0.02
86) Perylene-d12	20.13	264	211357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	274812	48.25	ng	0.00
7) Phenol-d6	7.06	99	237906	30.92	ng	-0.01
23) Nitrobenzene-d5	8.42	82	725720	90.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	159999	87.83	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1176344	87.48	ng	-0.02
78) Terphenyl-d14	17.12	244	1145163	80.97	ng	-0.01

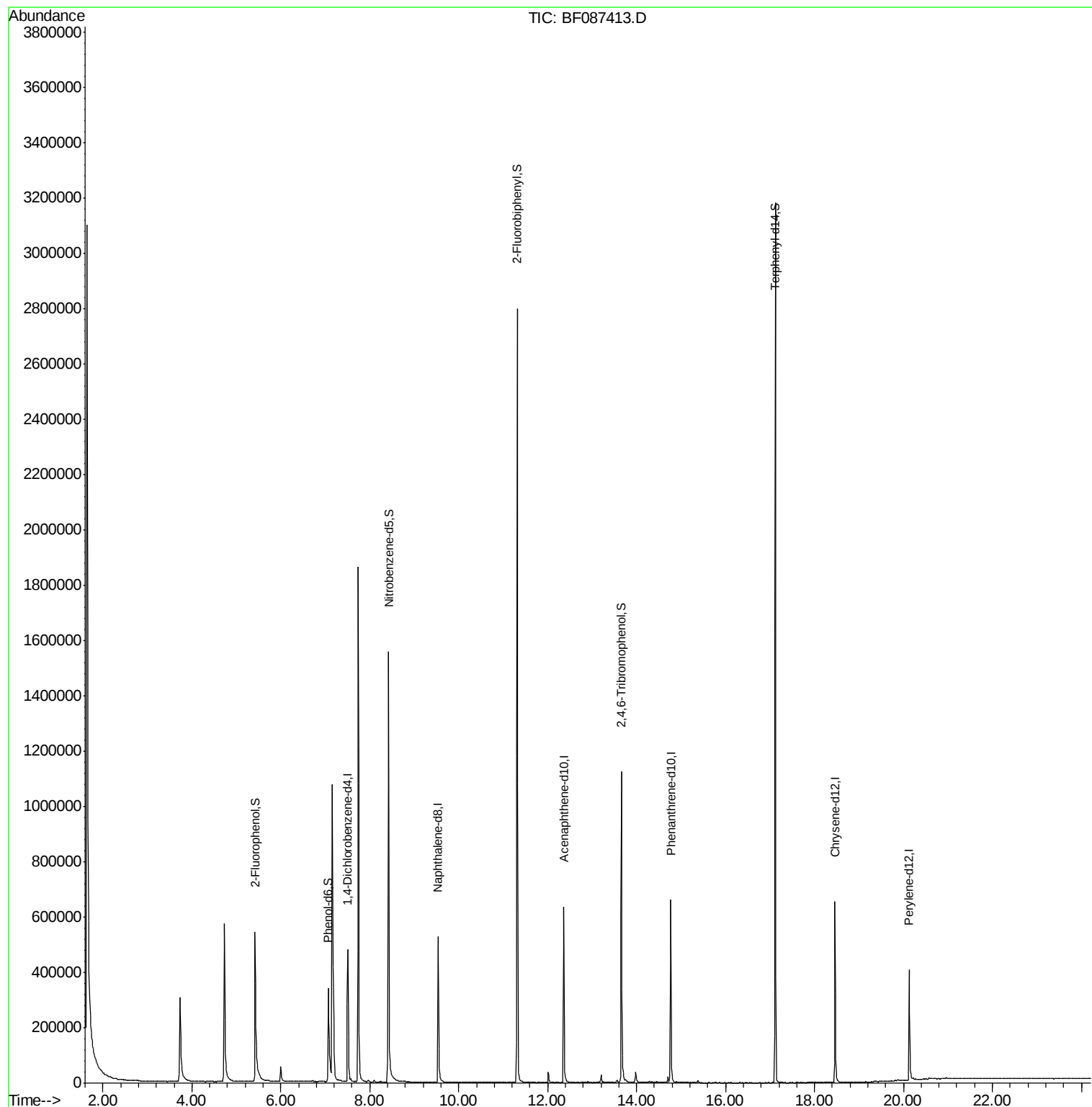
Target Compounds Qvalue

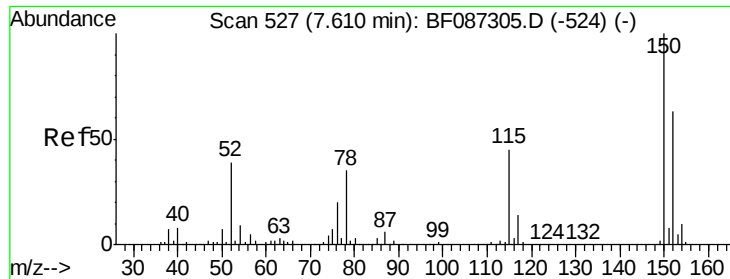
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087413.D
Acq On : 26 May 2016 17:49
Operator : UM/SJ
Sample : H3233-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
052016-P42-E-D-M

Quant Time: May 27 02:05:59 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



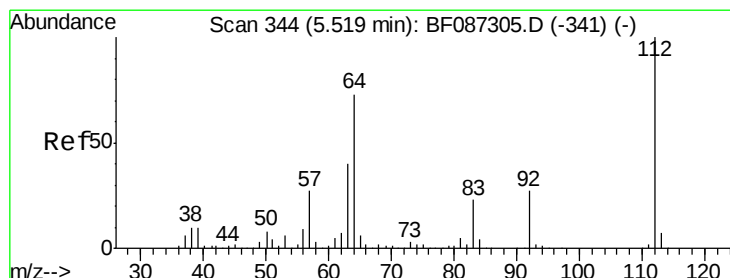
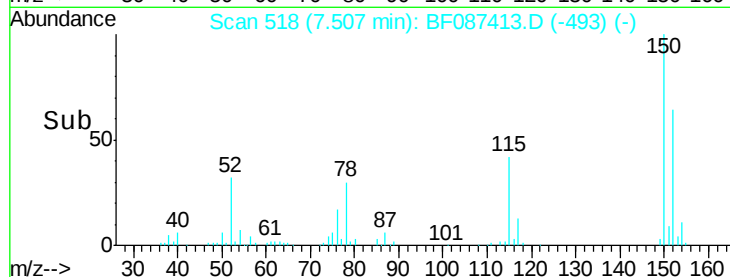
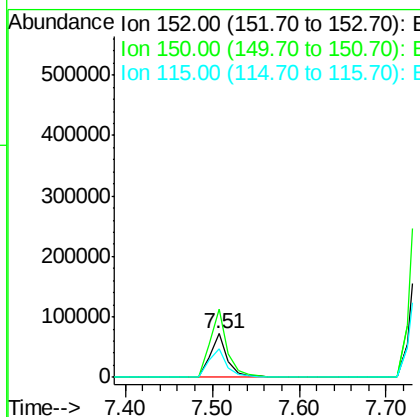
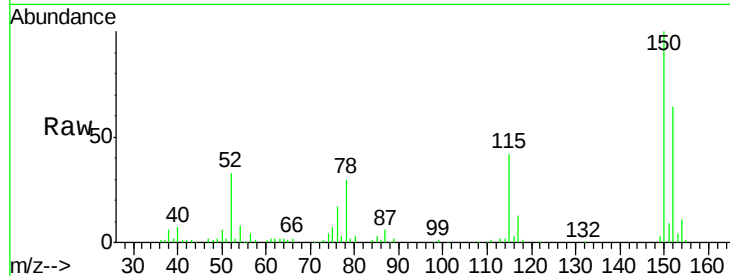


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087413.D
Acq: 26 May 2016 17:49

Instrument :
BNA_F
ClientSampleId :
052016-P42-E-D-M

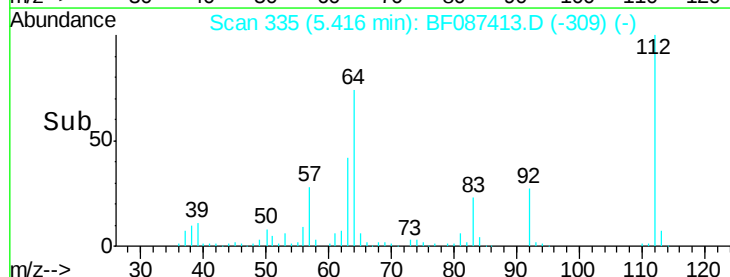
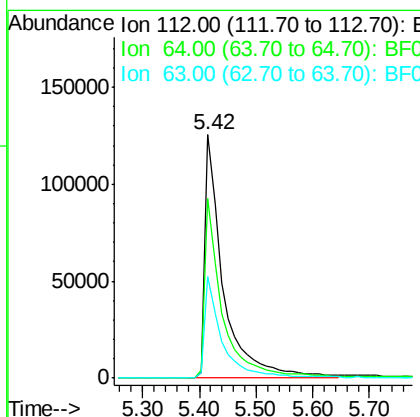
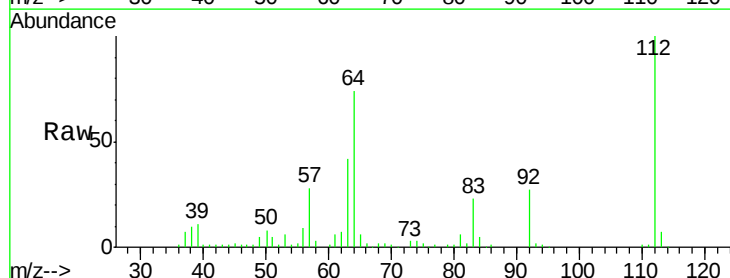
Tot Ion:152 Resp: 100071
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 65.9 51.5 77.3



#5

2-Fluorophenol
Concen: 48.25 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF087413.D
Acq: 26 May 2016 17:49

Tgt Ion:112 Resp: 274812
Ion Ratio Lower Upper
112 100
64 73.7 52.1 78.1
63 41.7 25.7 38.5#





#7

Phenol-d6

Concen: 30.92 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-D-M

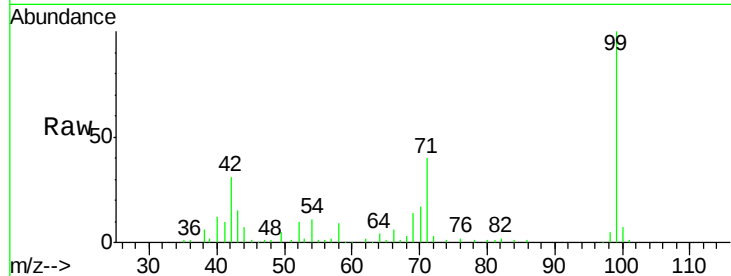
Tot Ion: 99 Resp: 237906

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

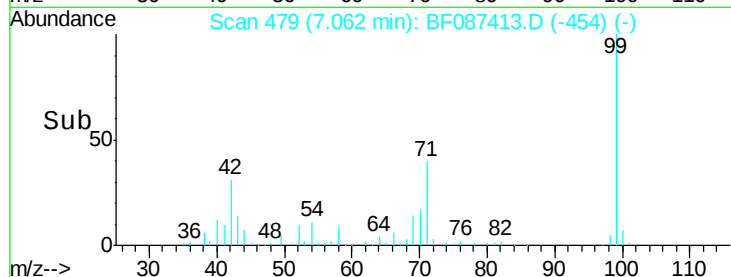
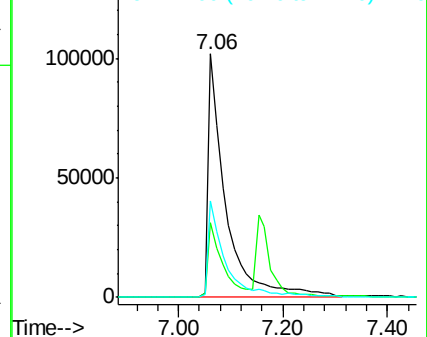
71 39.6 24.6 36.8#



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Tgt Ion: 136 Resp: 404437

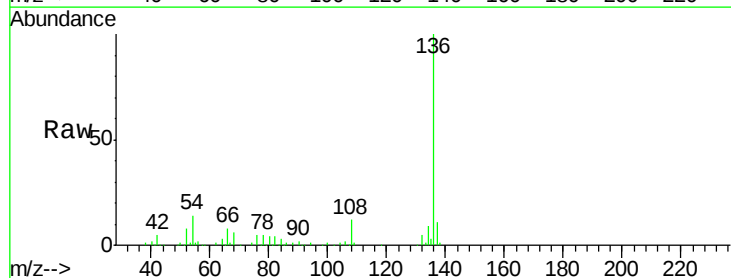
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 13.5 5.0 7.4#

68 6.2 4.4 6.6

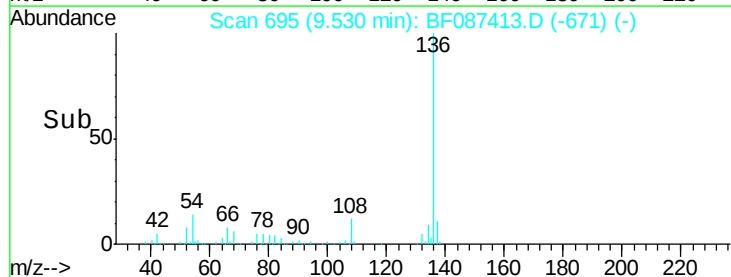
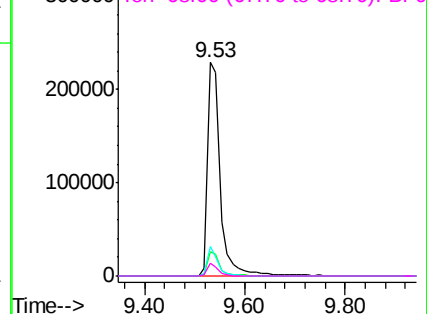


Abundance Ion 136.00 (135.70 to 136.70): E

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

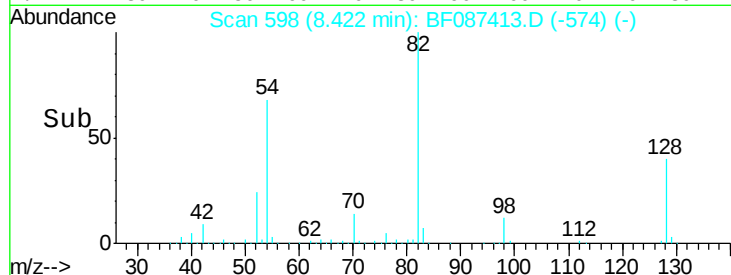
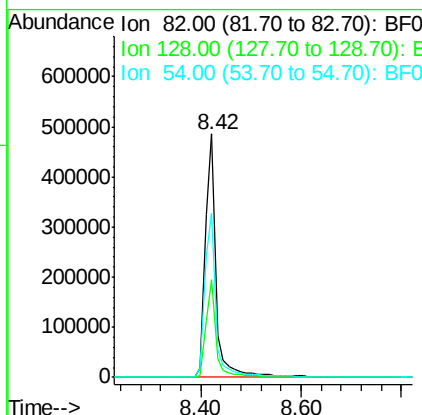
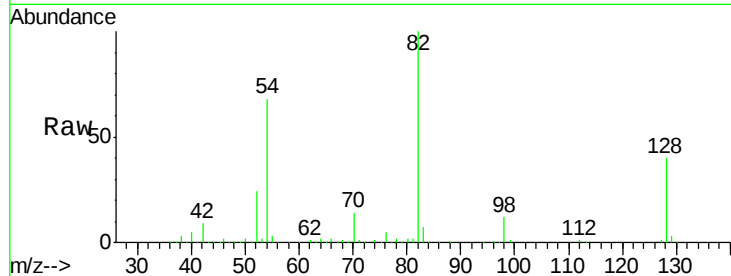




#23
 Nitrobenzene-d5
 Concen: 90.44 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

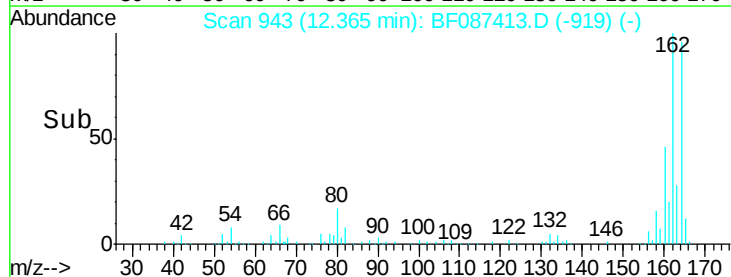
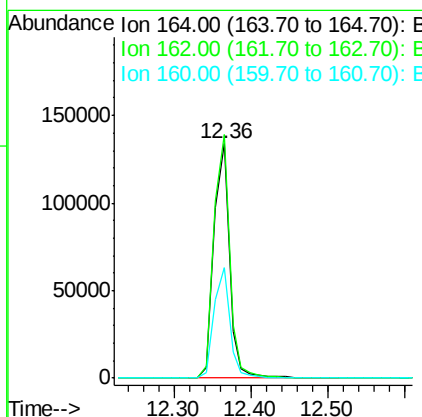
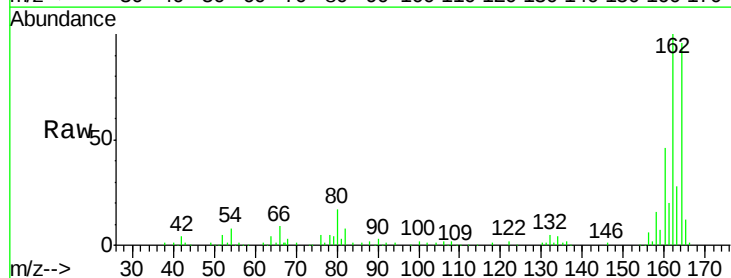
Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-D-M

Tot Ion: 82 Resp: 725720
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 67.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

Tgt Ion: 164 Resp: 189568
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 47.4 36.9 55.3

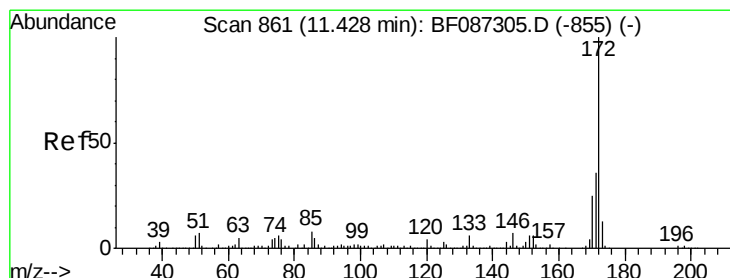
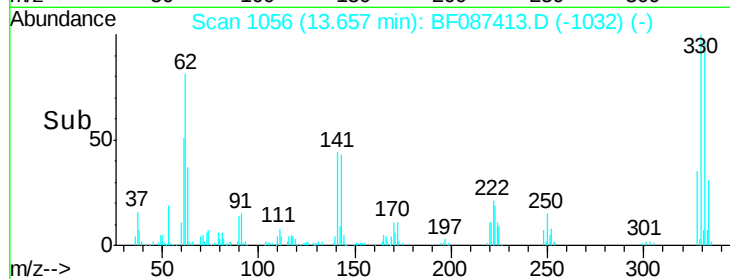
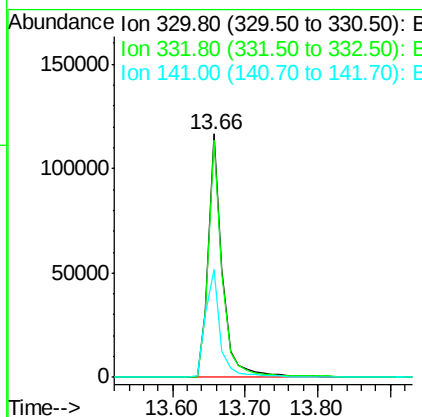
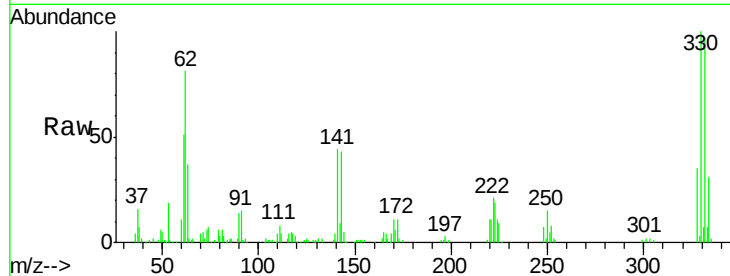




#41
 2,4,6-Tribromophenol
 Concen: 87.83 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

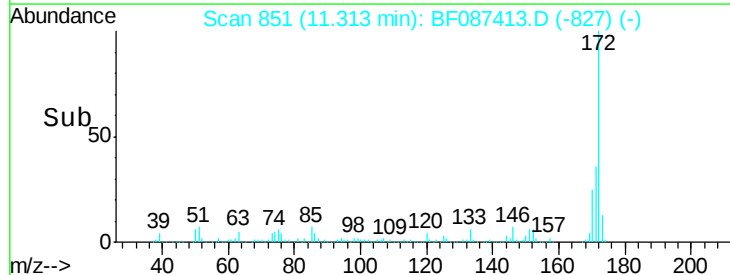
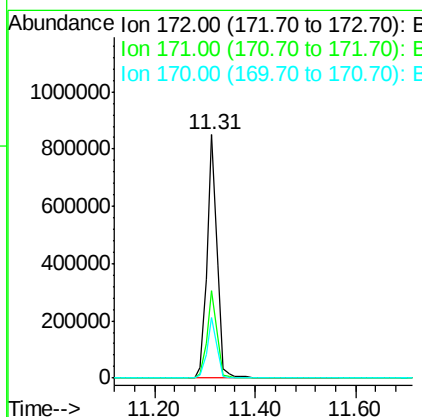
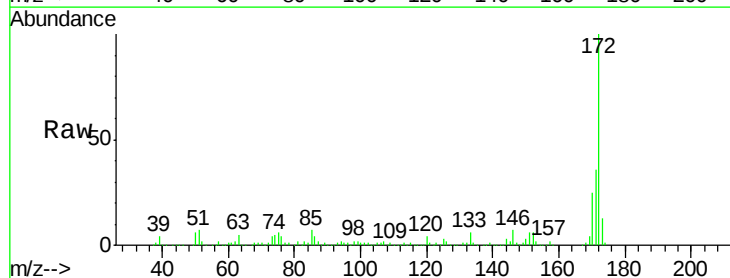
Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-D-M

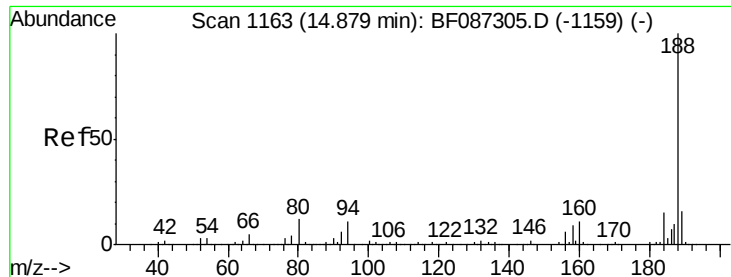
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	46.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 87.48 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.7	19.8	29.8

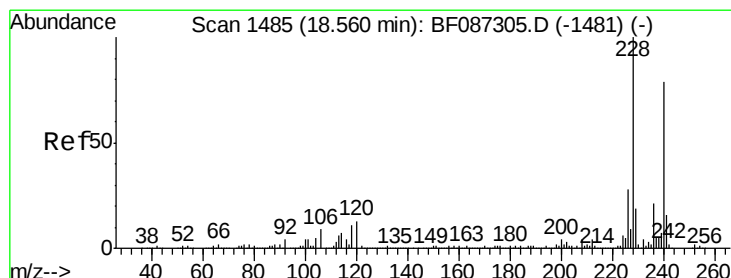
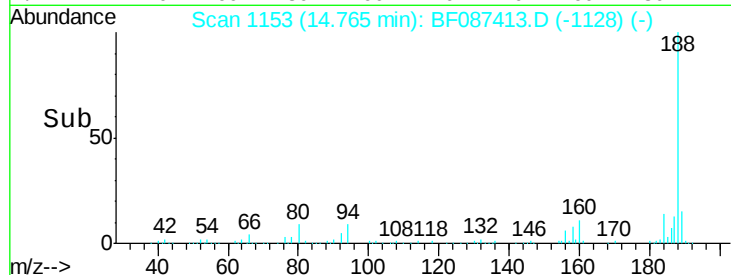
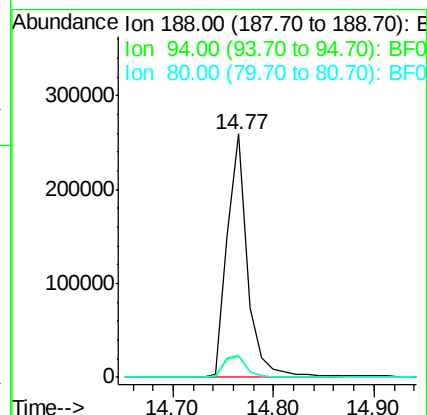
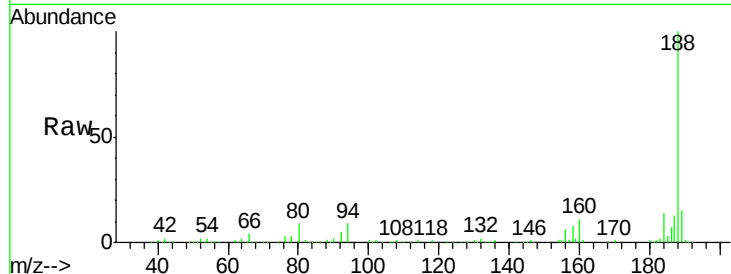




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

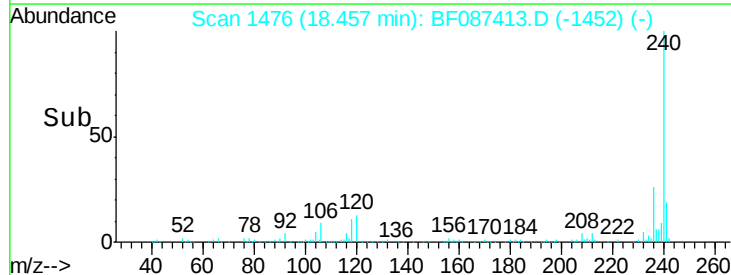
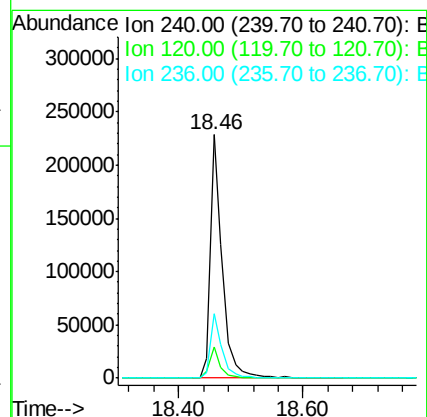
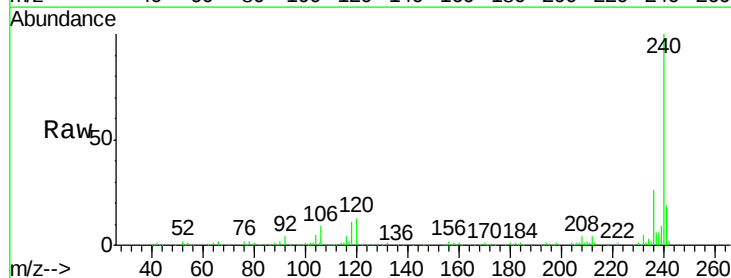
Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-D-M

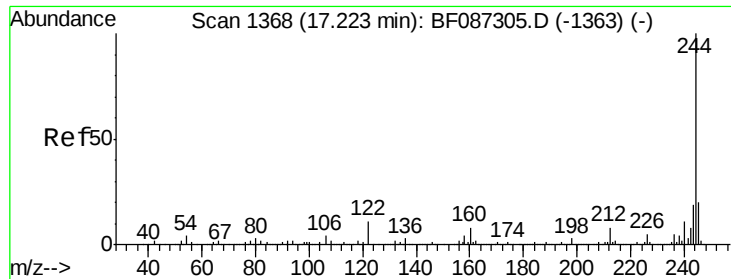
Tot Ion:	188	Resp:	366604
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.3	7.1	10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF087413.D
 Acq: 26 May 2016 17:49

Tgt Ion:	240	Resp:	300668
Ion	Ratio	Lower	Upper
240	100		
120	12.7	11.2	16.8
236	26.4	21.2	31.8





#78

Terphenyl-d14

Concen: 80.97 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-D-M

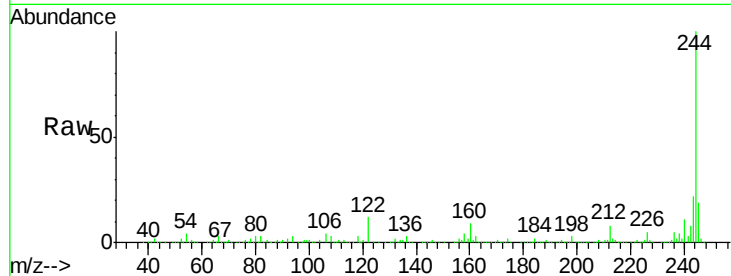
Tot Ion:244 Resp: 1145163

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

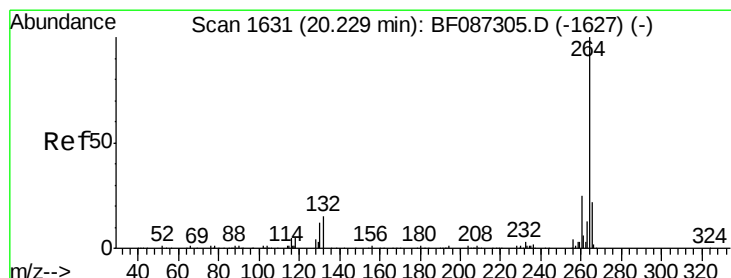
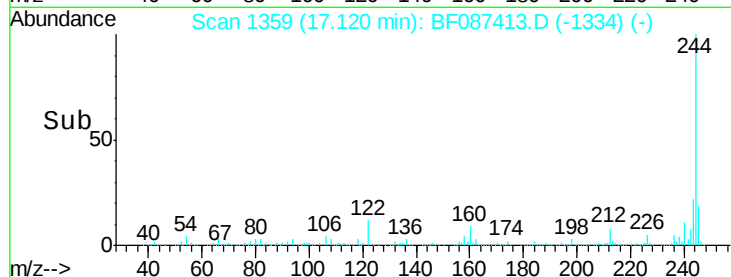
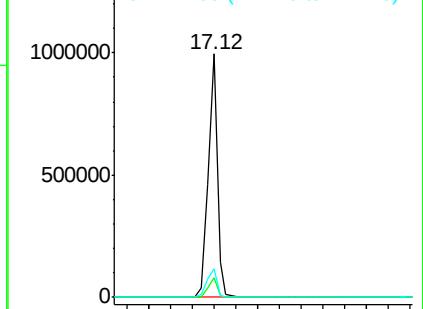
122 11.9 12.0 18.0#



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. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

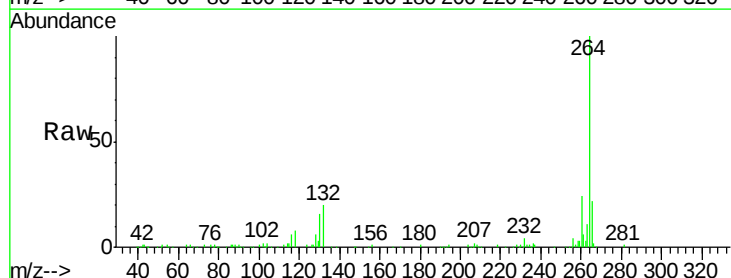
Tgt Ion:264 Resp: 211357

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 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

