

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087510.D
 Acq On : 29 May 2016 8:52
 Operator : UM/SJ
 Sample : H3272-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: May 30 04:42:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	106963	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	434638	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	198607	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	378153	20.00	ng	0.00
75) Chrysene-d12	18.43	240	289711	20.00	ng	0.00
86) Perylene-d12	20.11	264	215352	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	337334	55.42	ng	0.02
7) Phenol-d6	7.03	99	283334	34.45	ng	-0.01
23) Nitrobenzene-d5	8.39	82	787642	91.33	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	262187	137.37	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1307193	92.79	ng	-0.01
78) Terphenyl-d14	17.09	244	1244228	91.31	ng	0.00

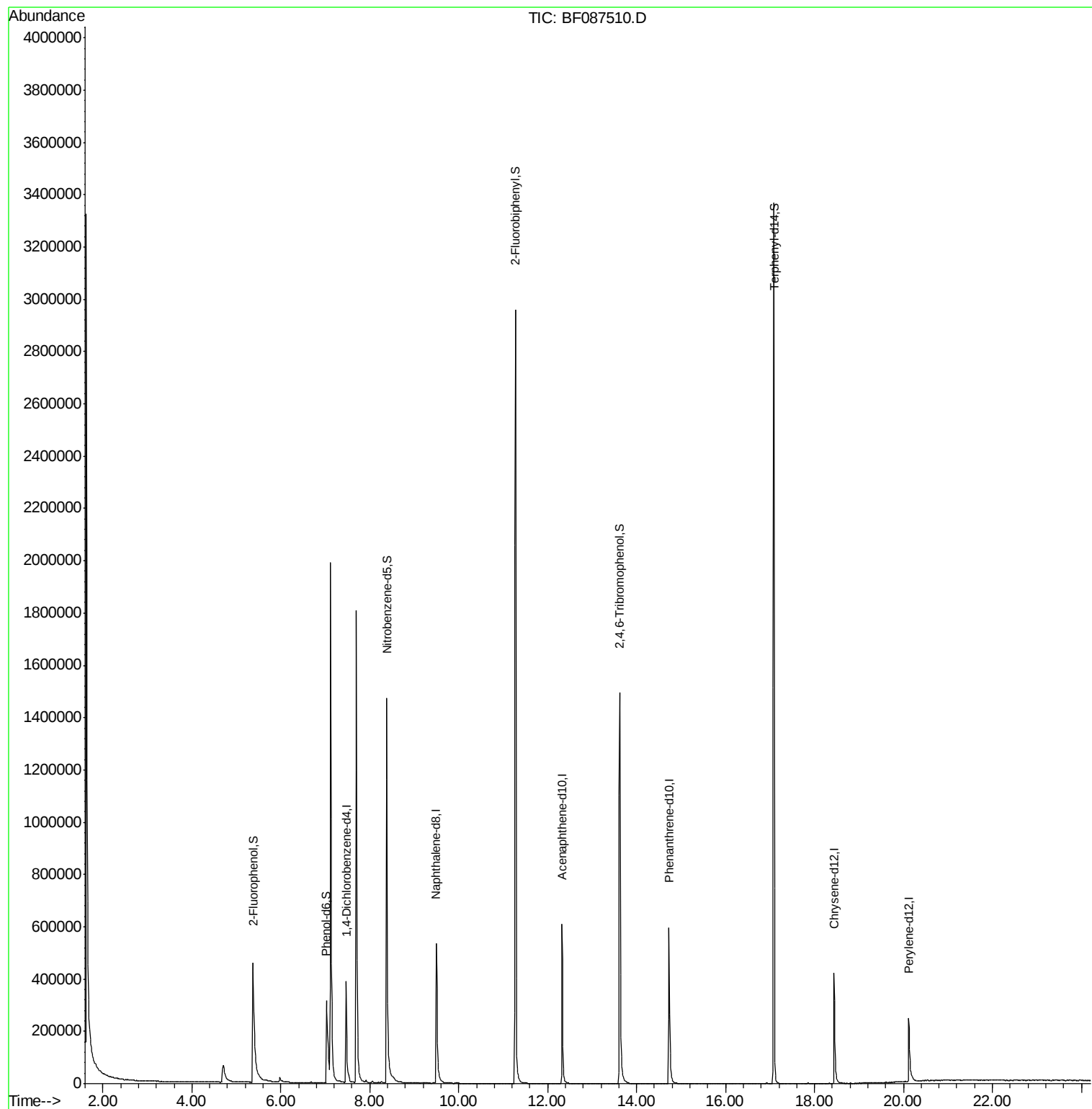
Target Compounds	Qvalue
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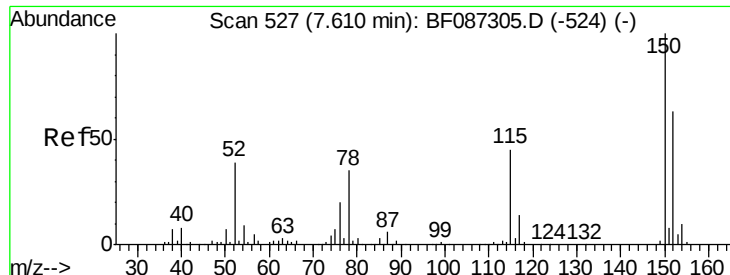
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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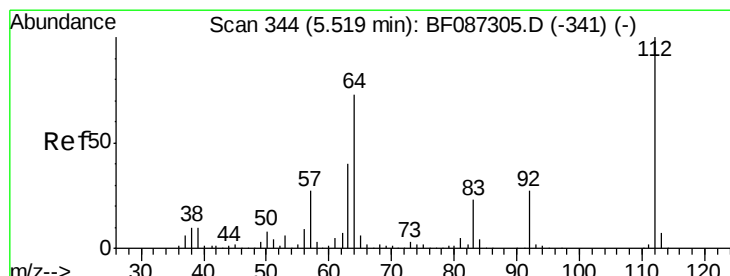
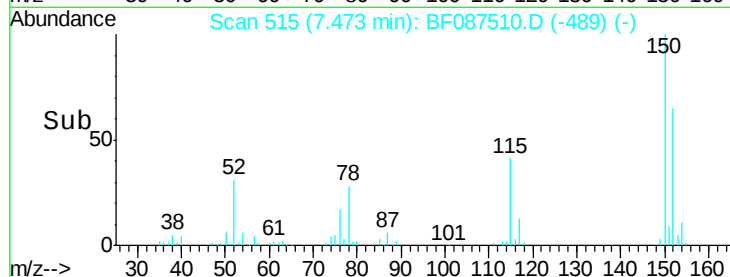
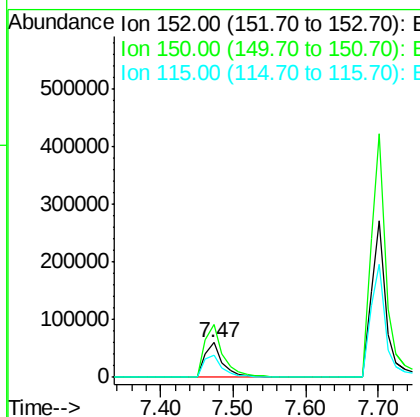
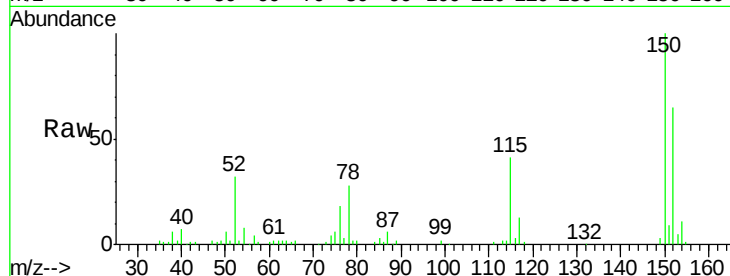




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

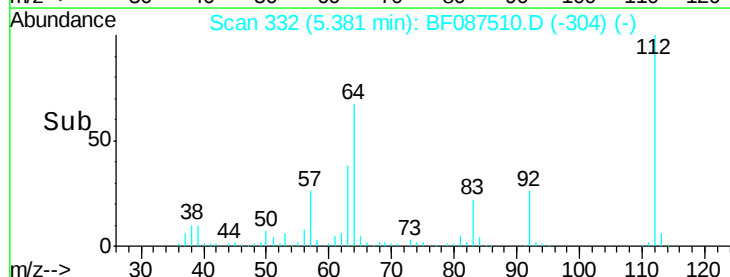
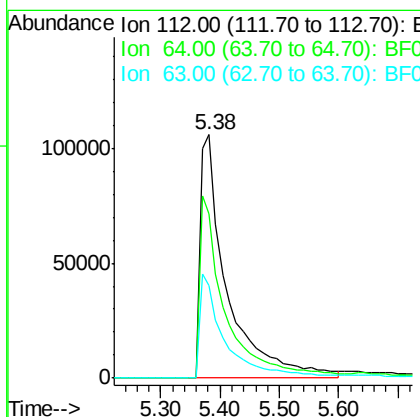
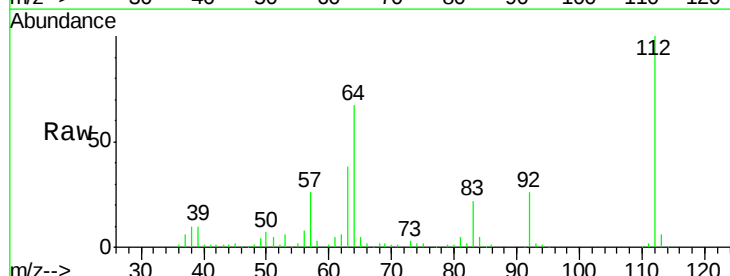
Instrument :
 BNA_F
 ClientSampled :
 FB-201605

Tgt Ion:152 Resp: 106963
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.8 188.6
 115 62.7 51.5 77.3



#5
 2-Fluorophenol
 Concen: 55.42 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.02 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

Tgt Ion:112 Resp: 337334
 Ion Ratio Lower Upper
 112 100
 64 67.5 52.1 78.1
 63 38.1 25.7 38.5





#7

Phenol-d6

Concen: 34.45 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087510.D

Acq: 29 May 2016 8:52

Instrument :

BNA_F

ClientSampleId :

FB-201605

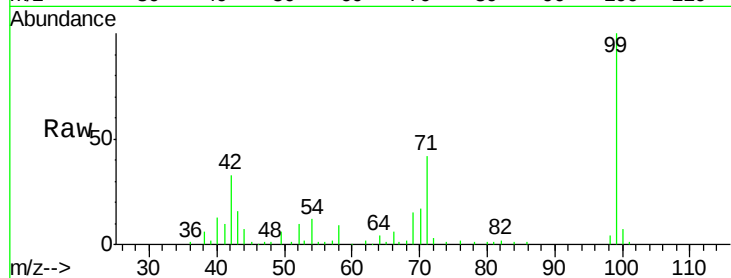
Tgt Ion: 99 Resp: 283334

Ion Ratio Lower Upper

99 100

42 32.9 13.6 20.4#

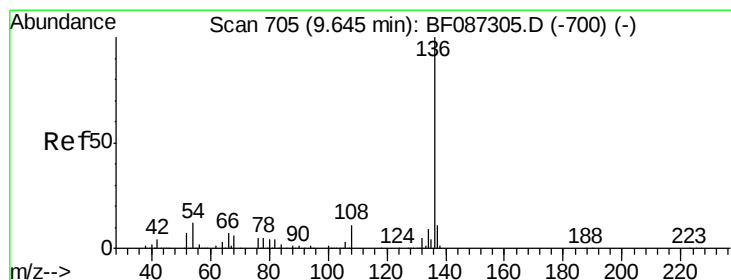
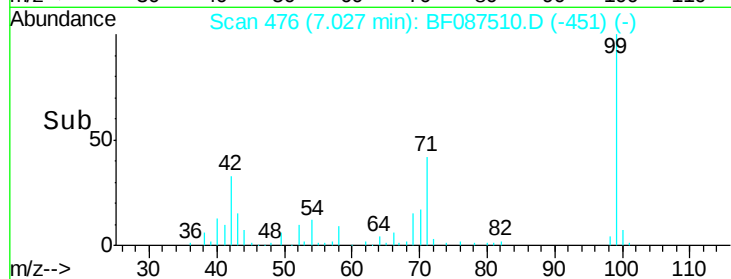
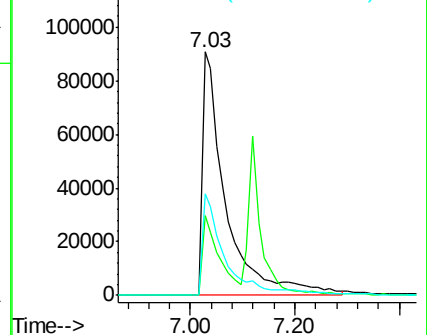
71 41.9 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087510.D

Acq: 29 May 2016 8:52

Tgt Ion: 136 Resp: 434638

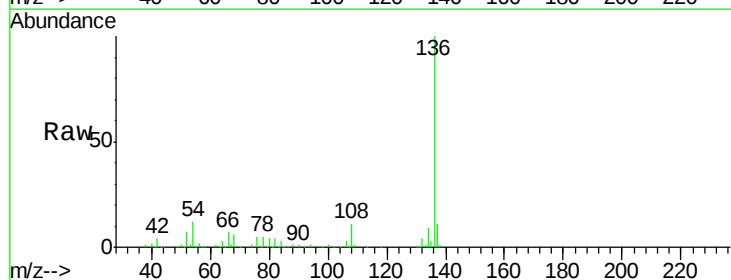
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.7 5.0 7.4#

68 5.7 4.4 6.6

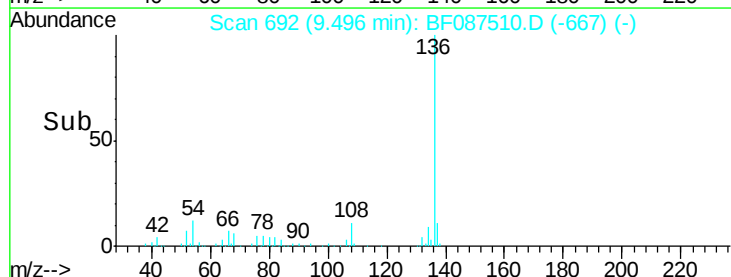
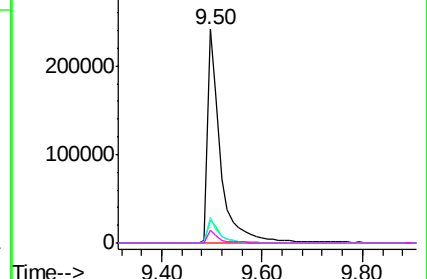


Abundance Ion 136.00 (135.70 to 136.70): E

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

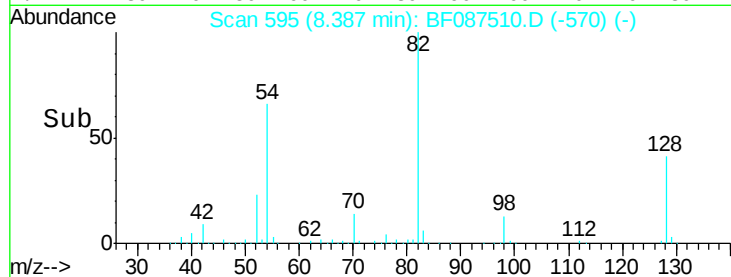
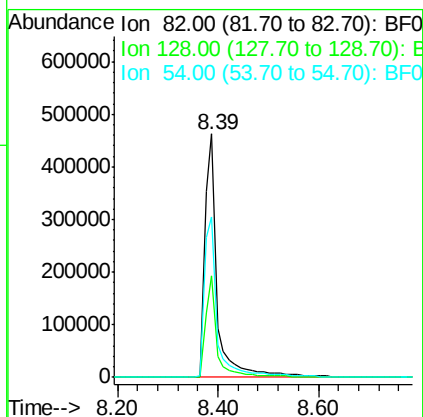
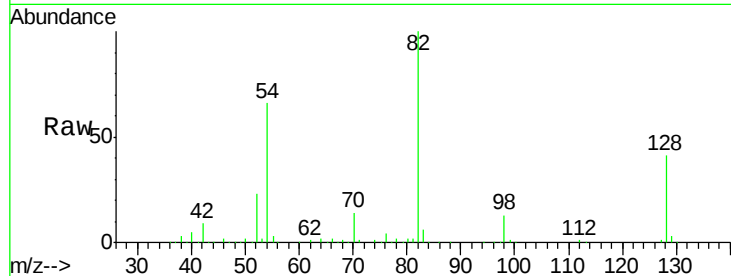




#23
 Nitrobenzene-d5
 Concen: 91.33 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

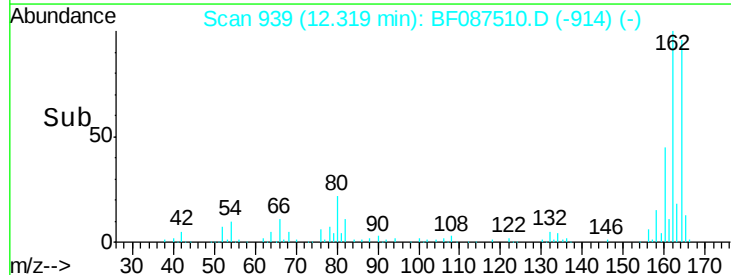
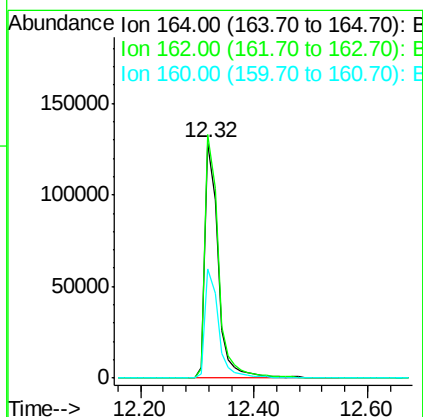
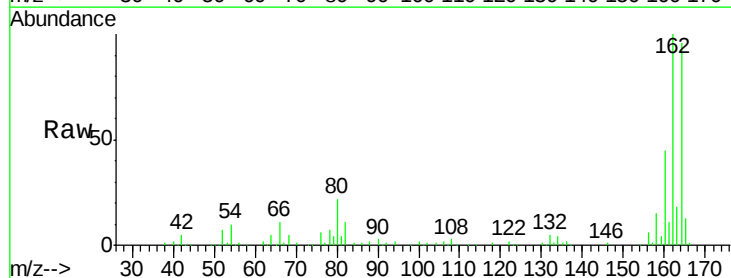
Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

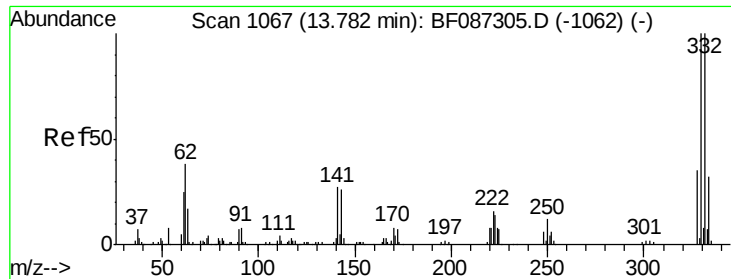
Tgt Ion: 82 Resp: 787642
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.6 61.0
 54 66.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

Tgt Ion: 164 Resp: 198607
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.8 124.2
 160 46.3 36.9 55.3

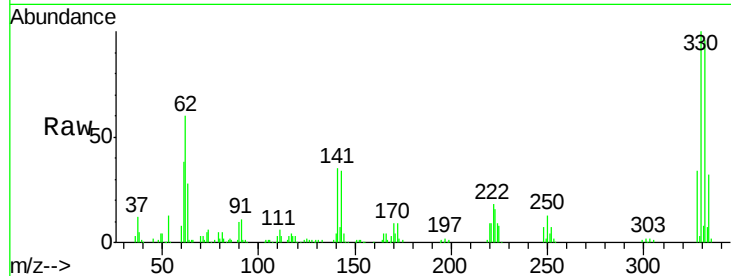




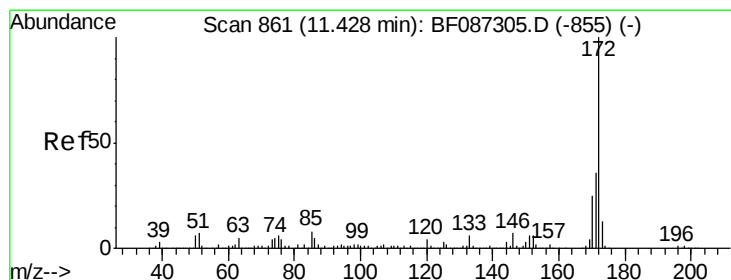
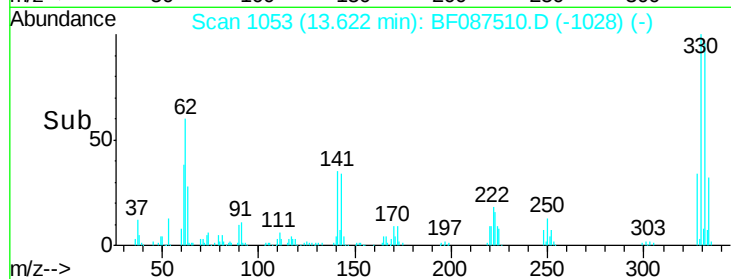
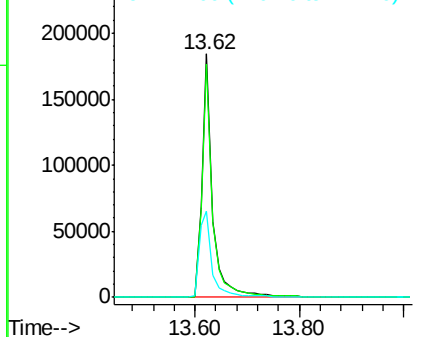
#41
 2,4,6-Tribromophenol
 Concen: 137.37 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	43.4	31.2	46.8

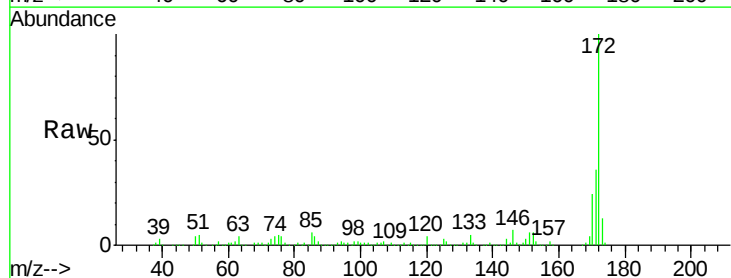


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

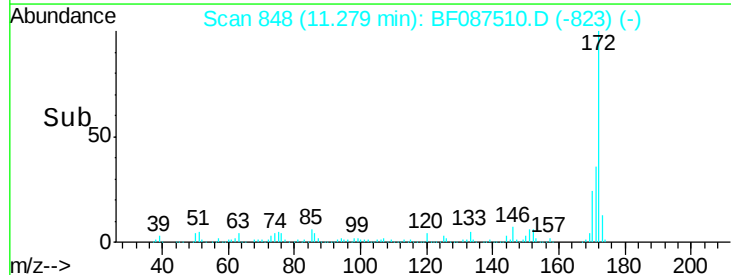
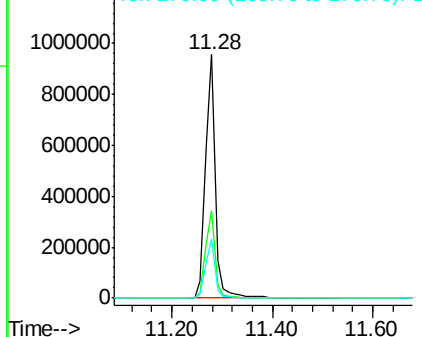


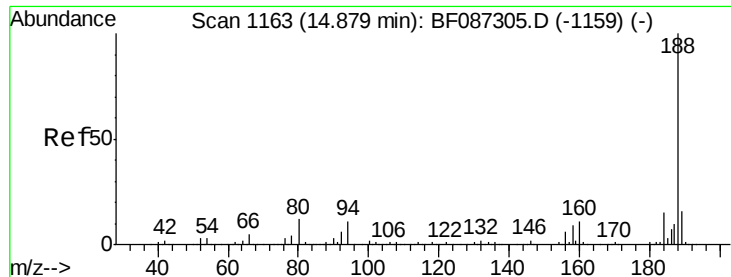
#44
 2-Fluorobiphenyl
 Concen: 92.79 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087510.D
 Acq: 29 May 2016 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.1	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

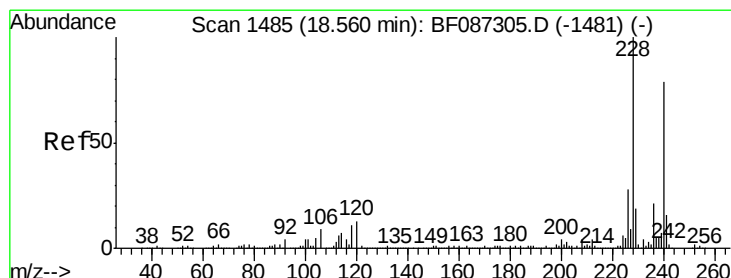
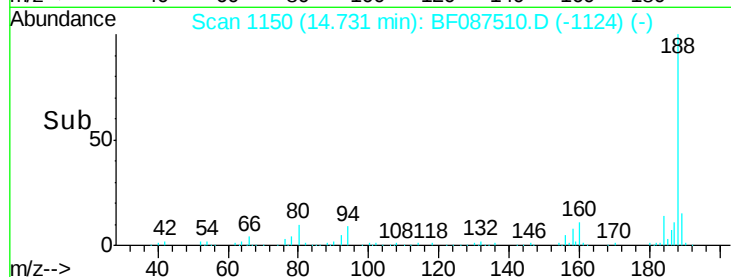
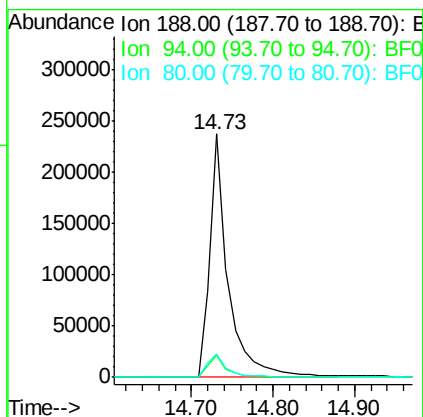
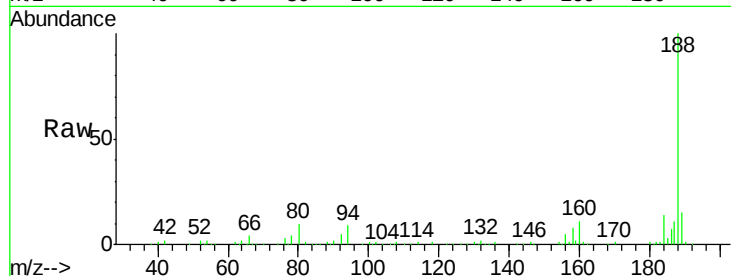




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087510.D
Acq: 29 May 2016 8:52

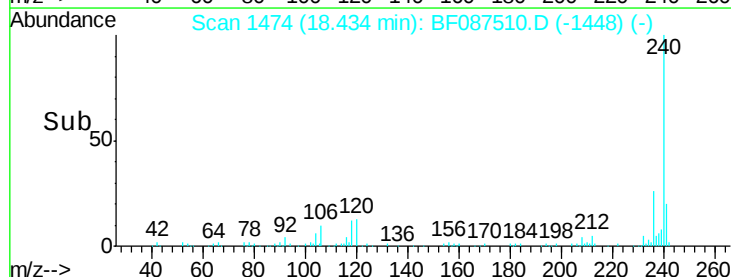
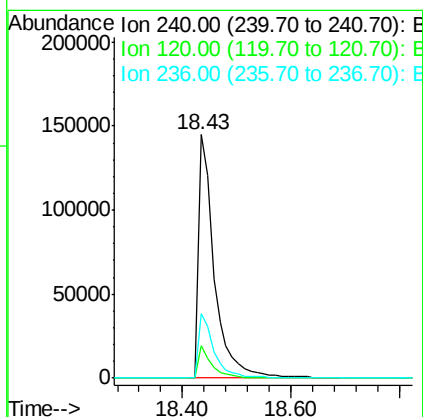
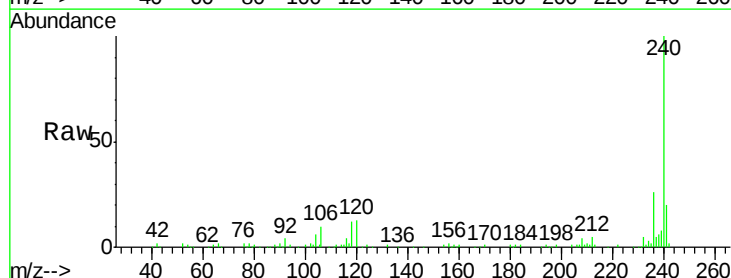
Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.5	7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087510.D
Acq: 29 May 2016 8:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.2	16.8
236	26.4	21.2	31.8





#78

Terphenyl-d14

Concen: 91.31 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087510.D

Acq: 29 May 2016 8:52

Instrument :

BNA_F

ClientSampleId :

FB-201605

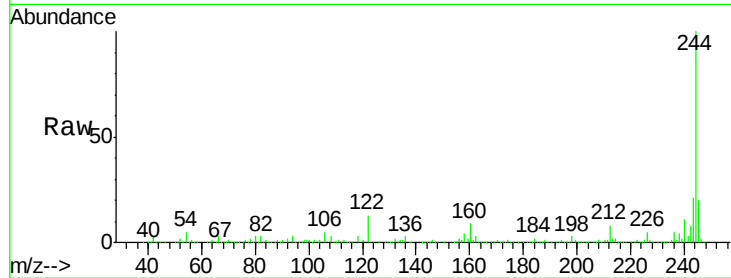
Tgt Ion:244 Resp: 1244228

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

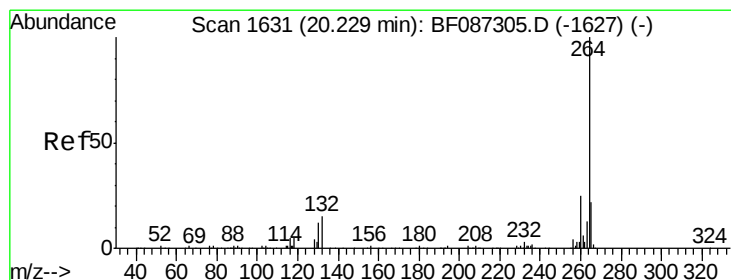
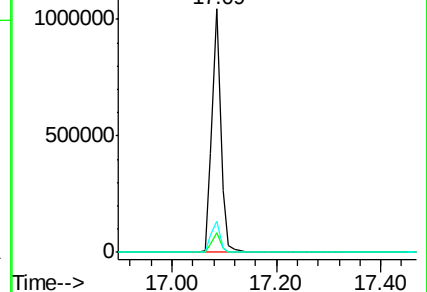
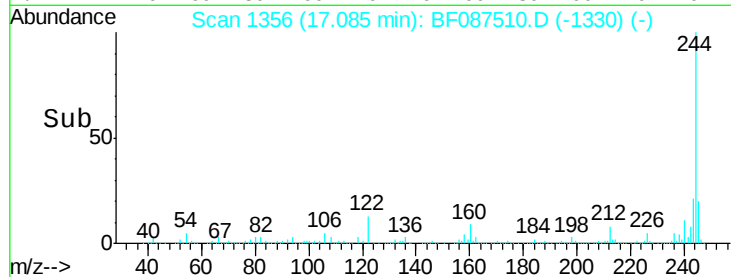
122 12.6 12.0 18.0



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: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF087510.D

Acq: 29 May 2016 8:52

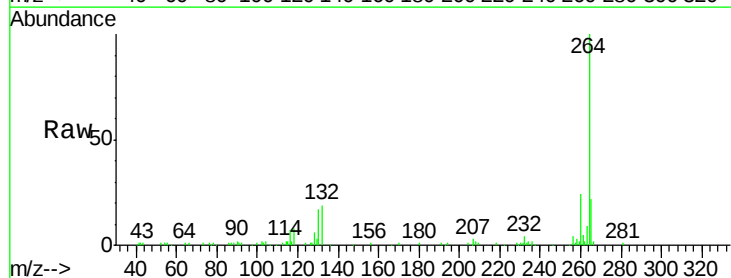
Tgt Ion:264 Resp: 215352

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.7 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

