

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089156.D
 Acq On : 21 Jul 2016 3:21
 Operator : UM/SJ
 Sample : H4019-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Quant Time: Jul 21 07:32:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

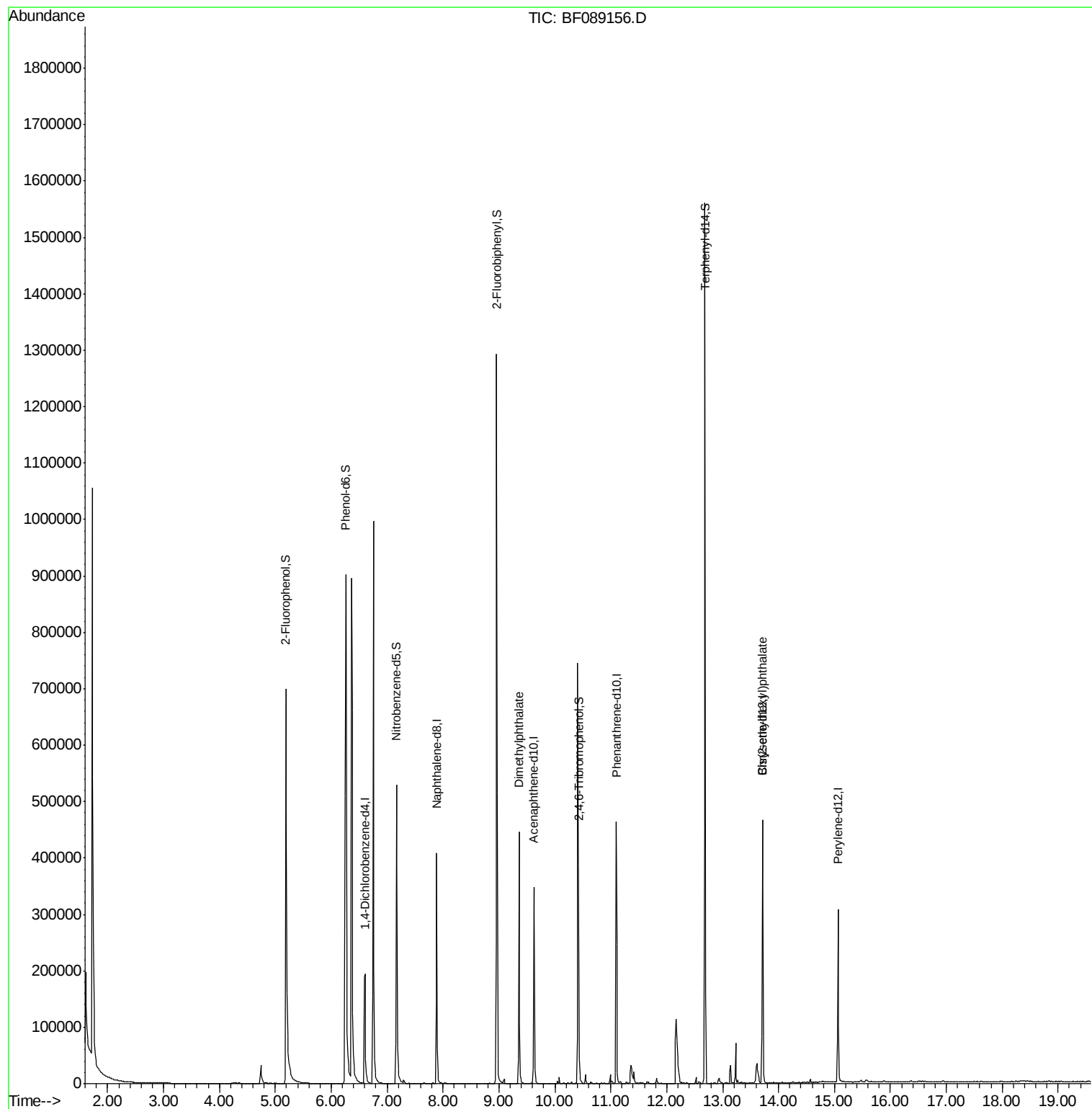
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53252	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	229624	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	103895	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	210406	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	159825	20.00	ng	-0.01
86) Perylene-d12	15.06	264	121784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	340057	97.12	ng	0.00
7) Phenol-d6	6.26	99	482561	106.87	ng	-0.01
23) Nitrobenzene-d5	7.16	82	280351	64.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	97531	104.27	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	503412	66.76	ng	-0.01
78) Terphenyl-d14	12.68	244	460317	62.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	193186	24.23	ng	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	71297	9.63	ng	95

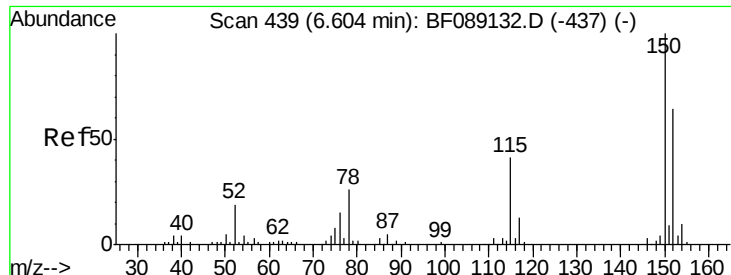
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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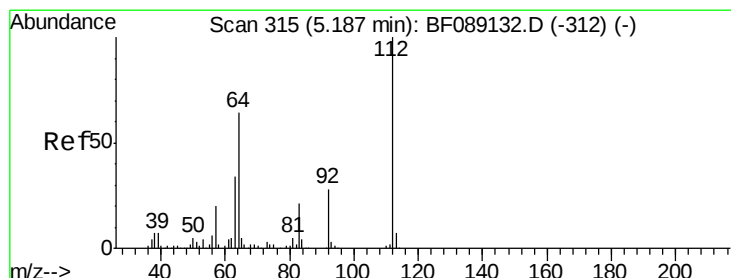
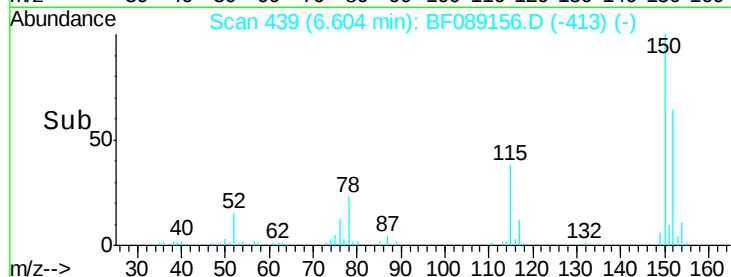
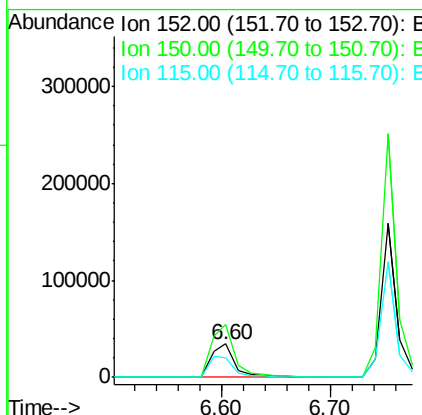
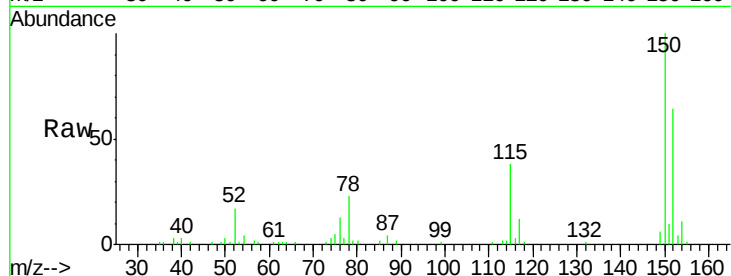


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089156.D
Acq: 21 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33

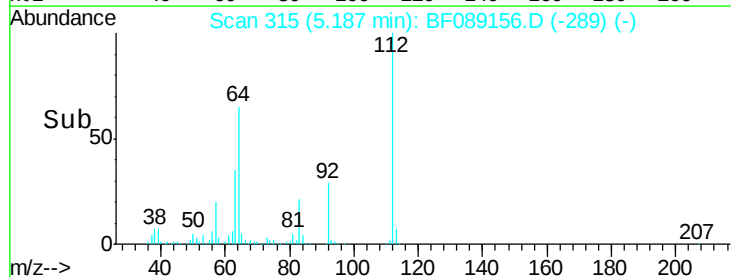
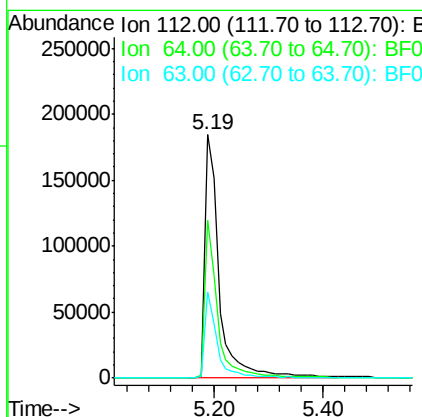
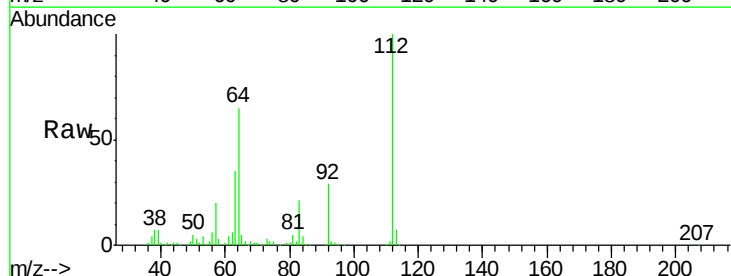
Tgt Ion:152 Resp: 53252
Ion Ratio Lower Upper
152 100
150 156.2 125.1 187.7
115 59.2 51.1 76.7

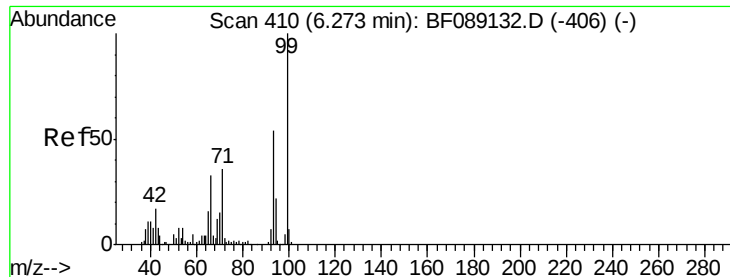


#5

2-Fluorophenol
Concen: 97.12 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089156.D
Acq: 21 Jul 2016 3:21

Tgt Ion:112 Resp: 340057
Ion Ratio Lower Upper
112 100
64 64.7 51.0 76.4
63 35.3 27.3 40.9





#7

Phenol-d6

Concen: 106.87 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33

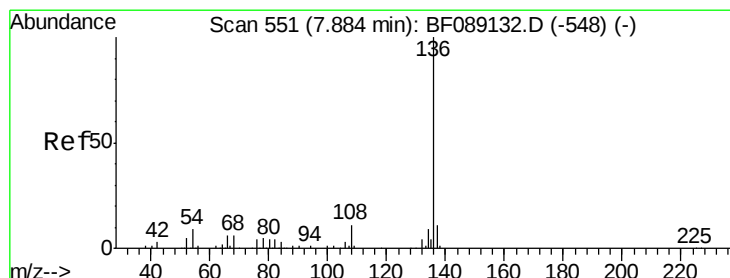
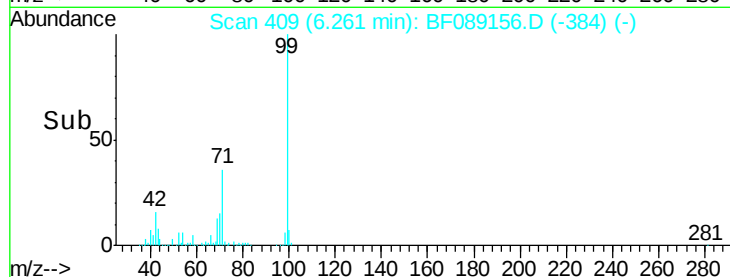
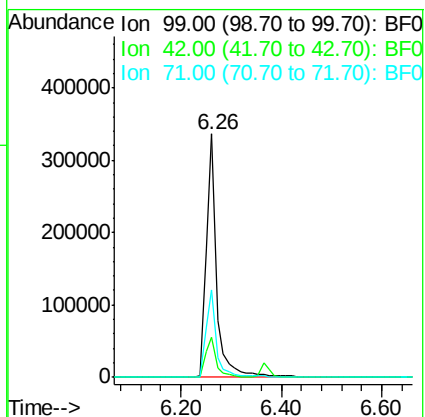
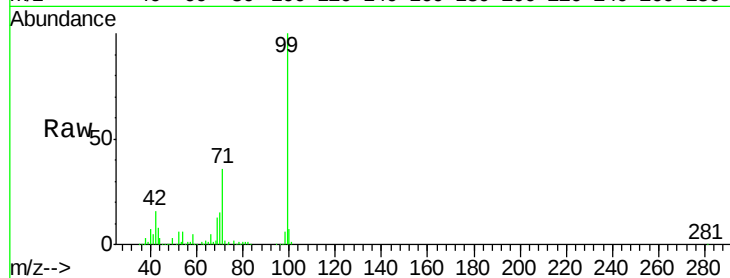
Tgt Ion: 99 Resp: 482561

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 36.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

Tgt Ion: 136 Resp: 229624

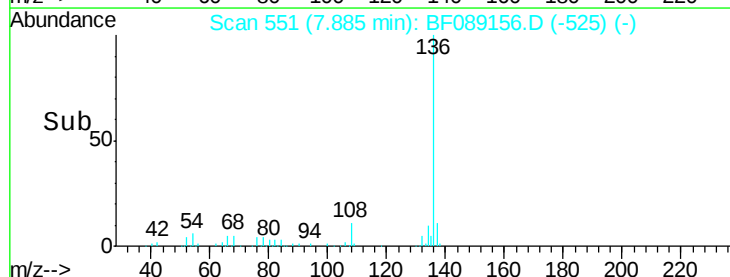
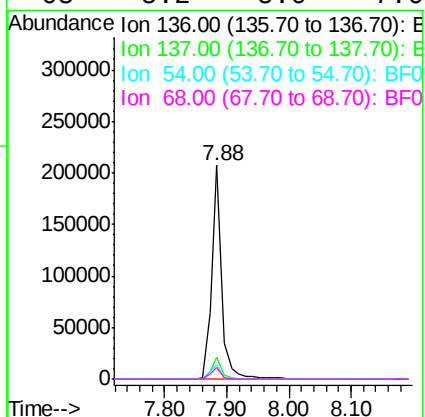
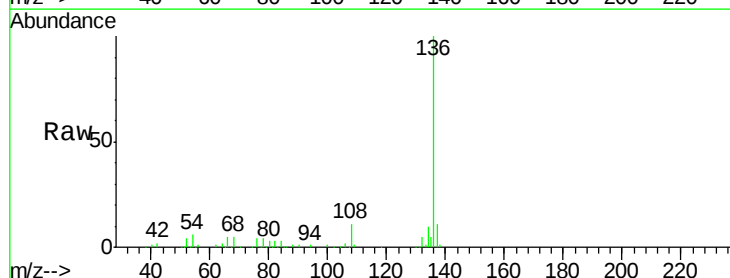
Ion Ratio Lower Upper

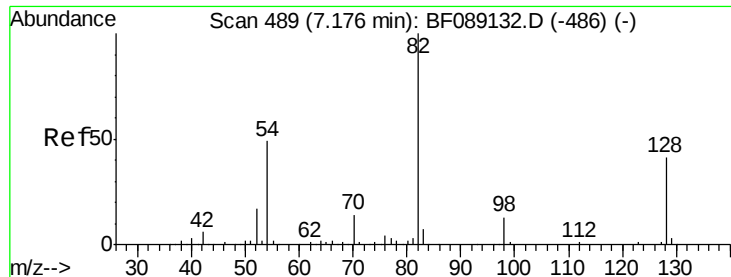
136 100

137 10.5 8.8 13.2

54 6.3 7.0 10.4#

68 5.2 5.0 7.6

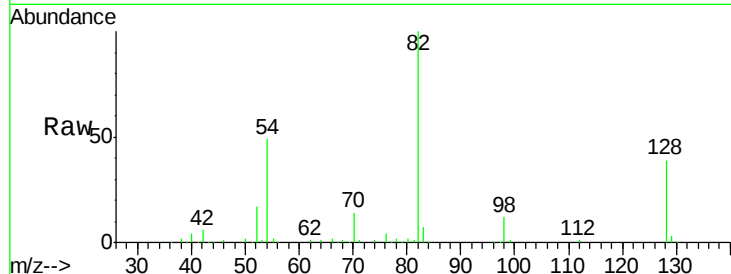




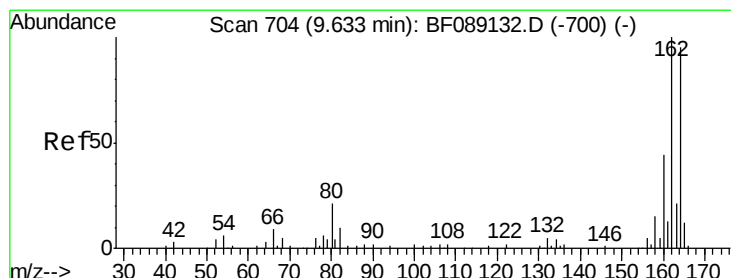
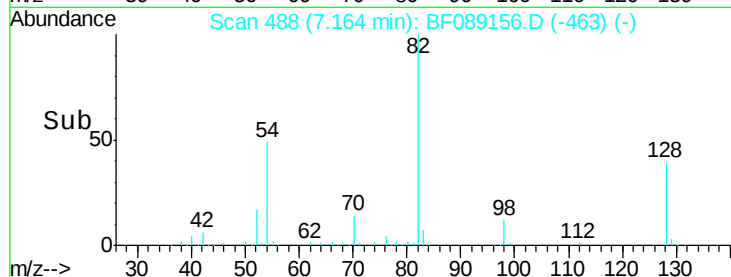
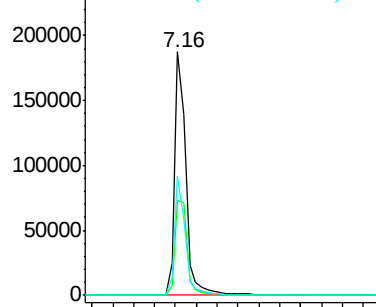
#23
 Nitrobenzene-d5
 Concen: 64.87 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.6
54	49.3	39.0	58.4

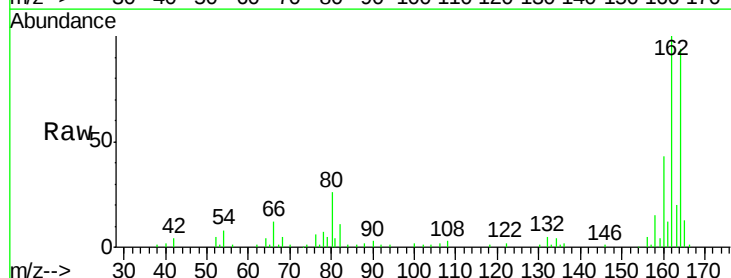


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

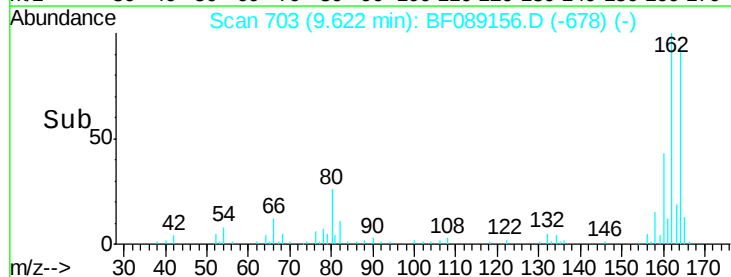
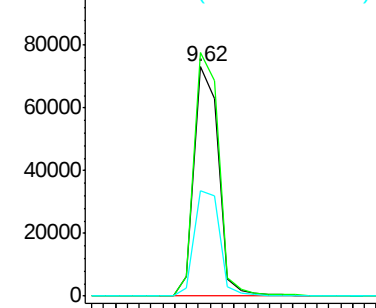


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	46.1	37.1	55.7



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

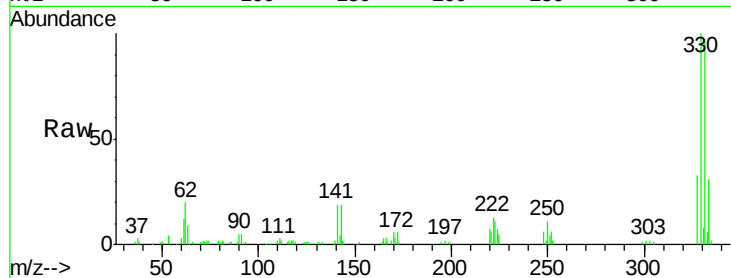




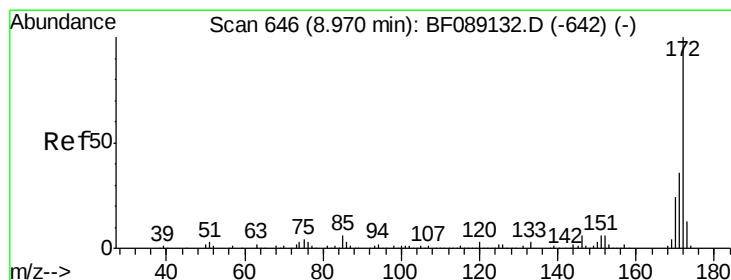
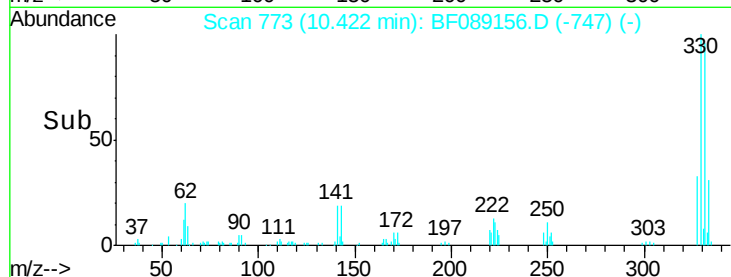
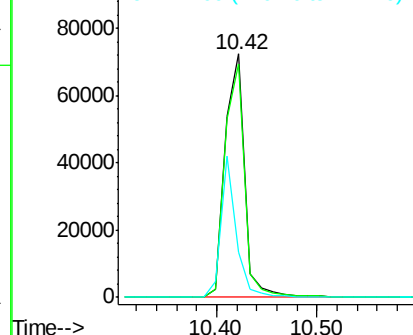
#41
 2,4,6-Tribromophenol
 Concen: 104.27 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Tgt Ion:330 Resp: 97531
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 45.4 42.2 63.2

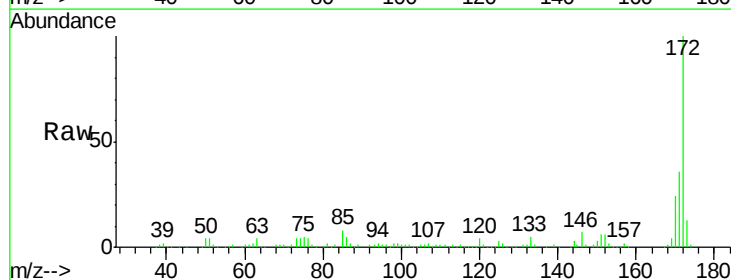


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

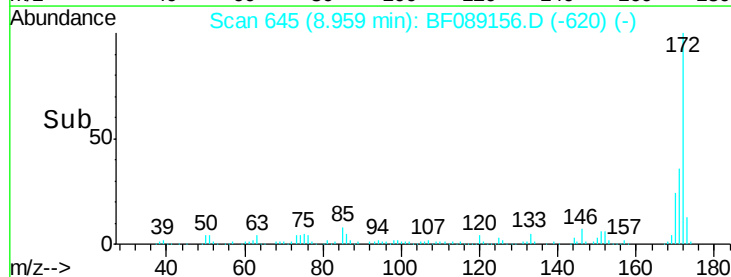
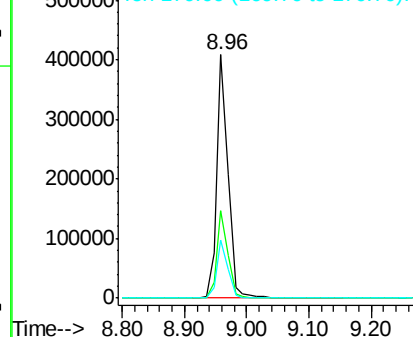


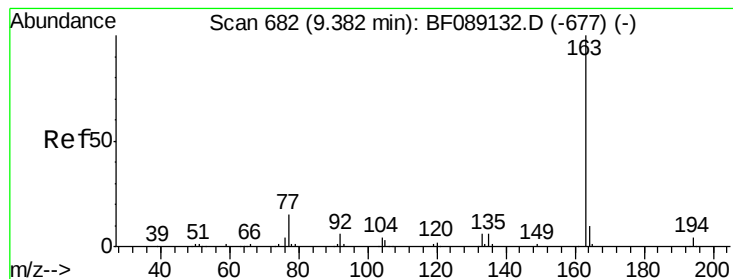
#44
 2-Fluorobiphenyl
 Concen: 66.76 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Tgt Ion:172 Resp: 503412
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.7 19.1 28.7



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





#49

Dimethylphthalate

Concen: 24.23 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33

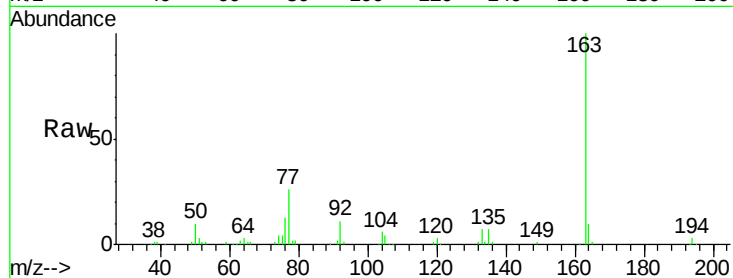
Tgt Ion:163 Resp: 193186

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

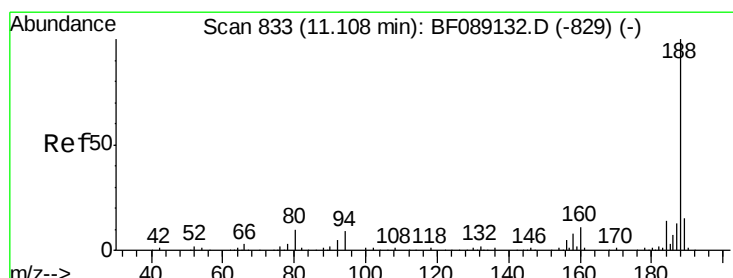
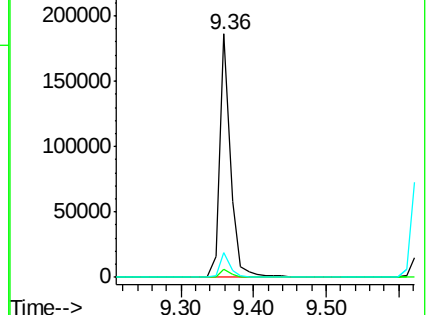
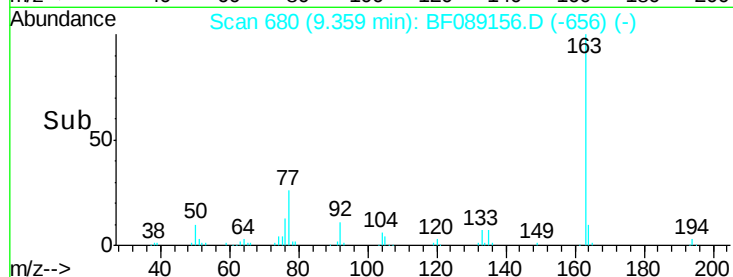
164 10.3 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

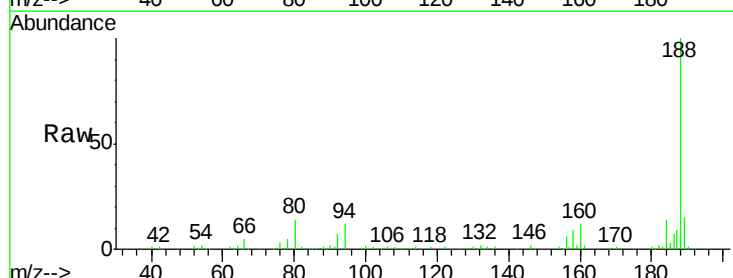
Tgt Ion:188 Resp: 210406

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.4#

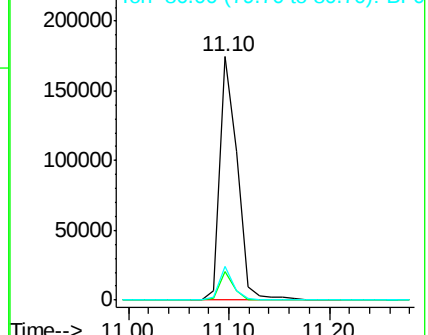
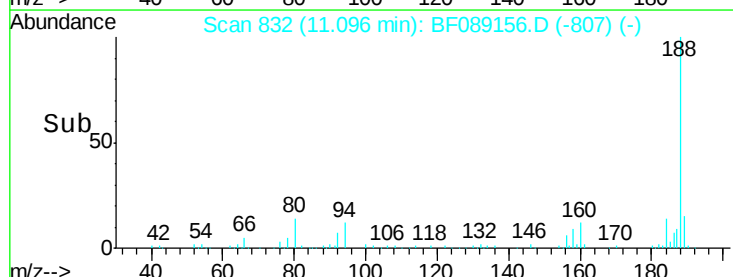
80 13.7 7.7 11.5#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33

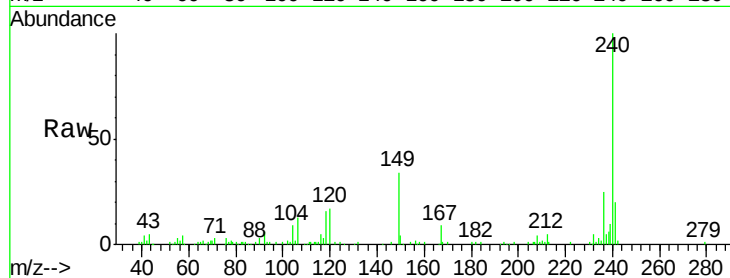
Tgt Ion:240 Resp: 159825

Ion Ratio Lower Upper

240 100

120 16.7 13.6 20.4

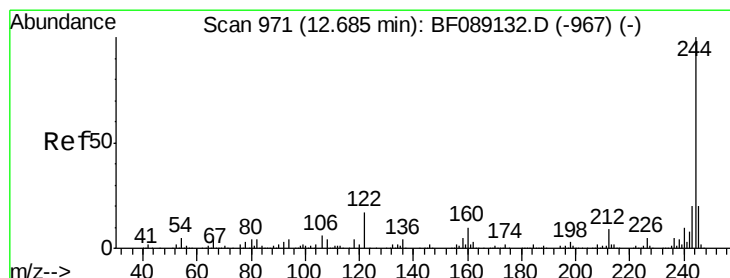
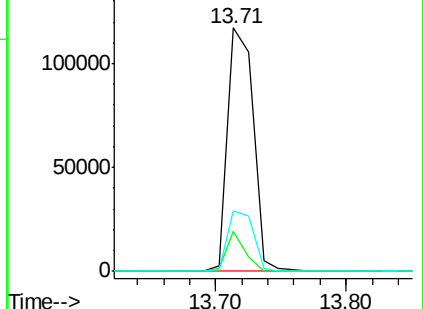
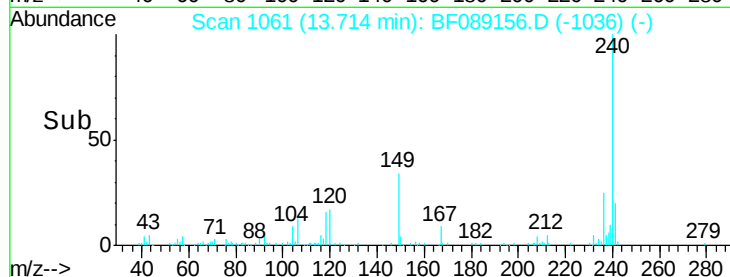
236 25.1 20.5 30.7



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: 62.47 ng

RT: 12.68 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

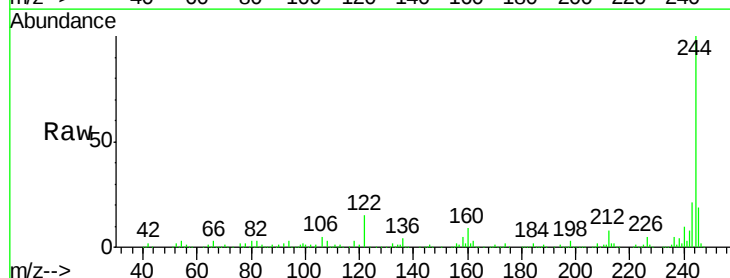
Tgt Ion:244 Resp: 460317

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

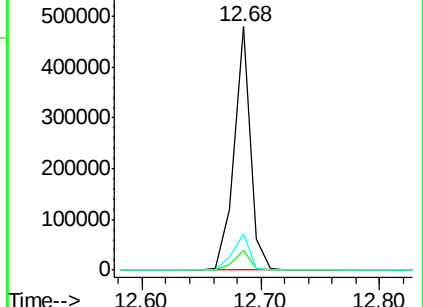
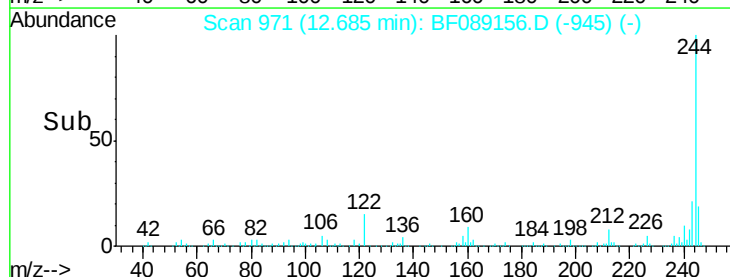
122 14.8 13.8 20.8

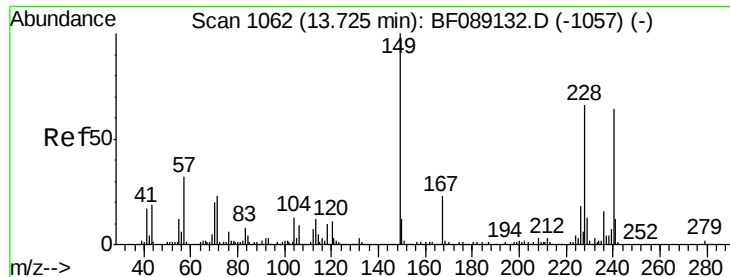


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

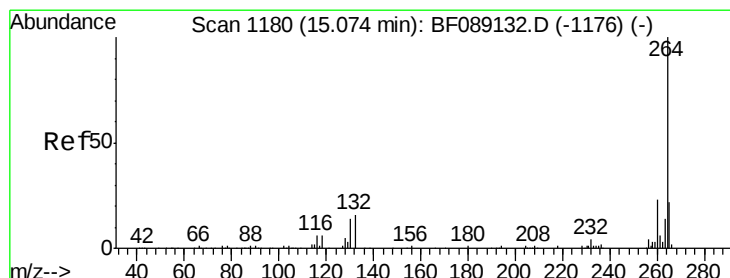
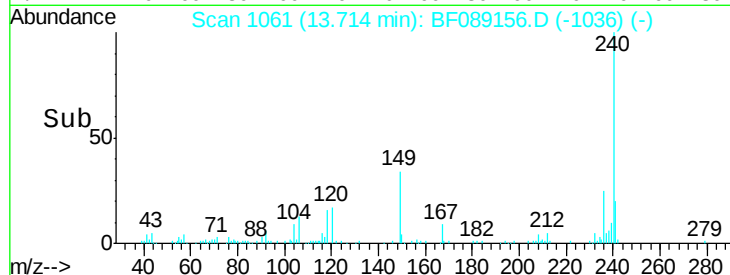
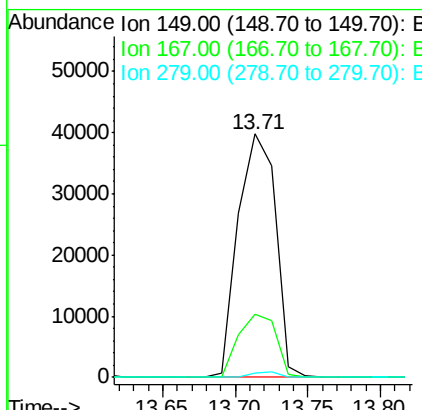
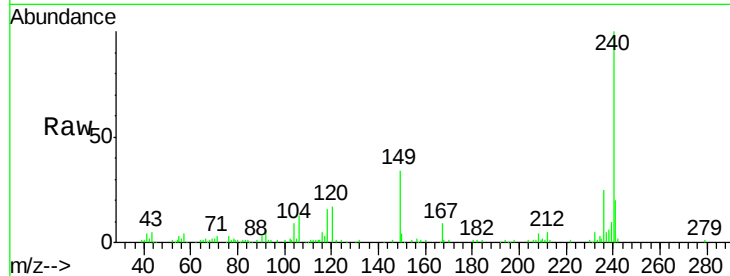




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.63 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

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Tgt Ion:149 Resp: 71297
 Ion Ratio Lower Upper
 149 100
 167 26.0 18.6 28.0
 279 1.7 1.6 2.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Tgt Ion:264 Resp: 121784
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 21.6 17.3 25.9

