

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089641.D
 Acq On : 5 Aug 2016 21:07
 Operator : UM/SJ
 Sample : H4346-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46D-9-11

Quant Time: Aug 05 23:07:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

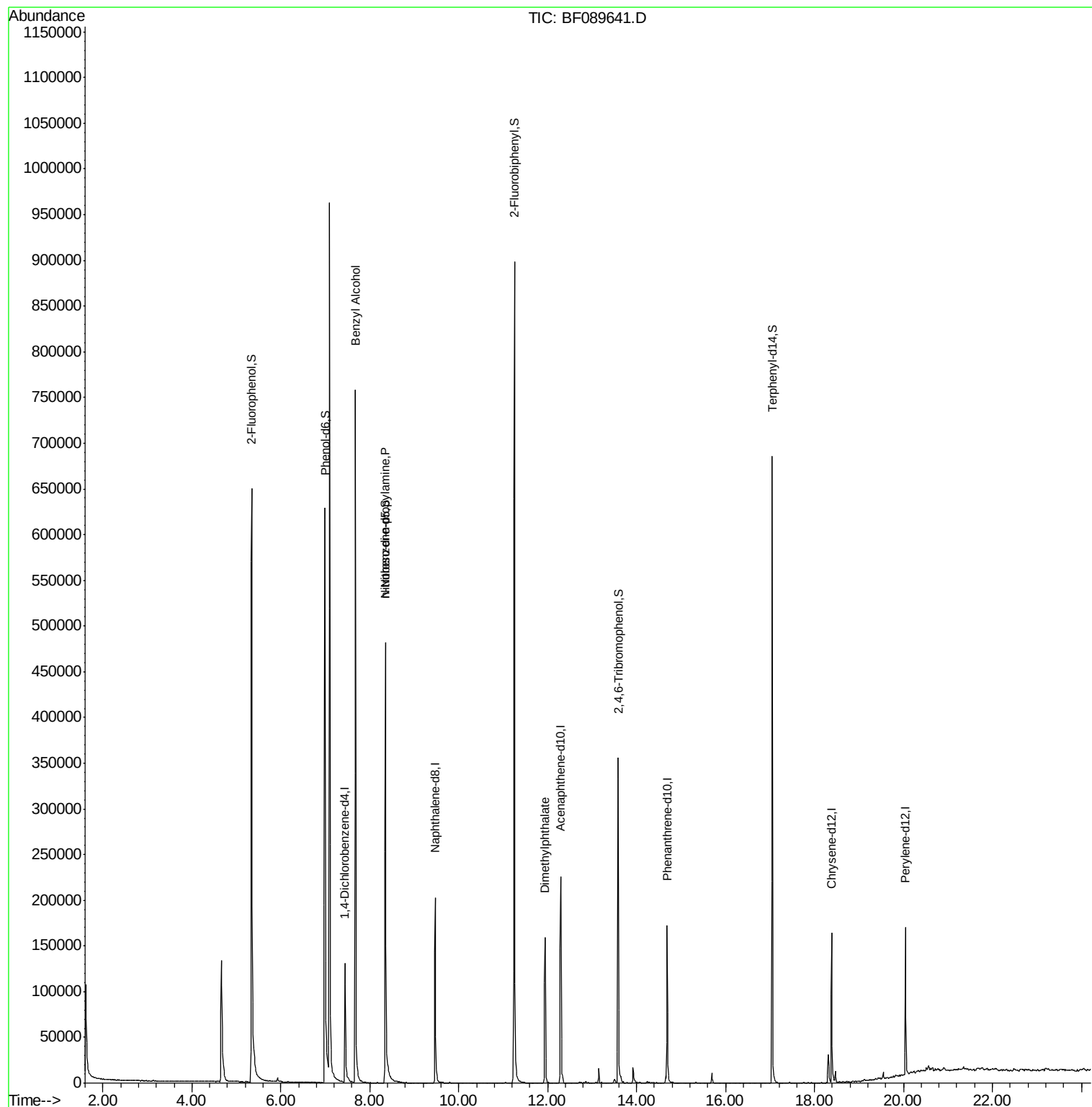
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	40958	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	160630	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	66218	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	100038	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	83753	20.00	ng	0.00
86) Perylene-d12	20.05	264	70787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	355320	145.40	ng	0.04
7) Phenol-d6	6.99	99	471800	142.32	ng	0.01
23) Nitrobenzene-d5	8.35	82	279539	96.26	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	65105	119.14	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	447792	87.89	ng	0.00
78) Terphenyl-d14	17.05	244	254482	59.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.68	79	4426	2.04	ng	# 44
19) n-Nitroso-di-n-propylamine	8.35	70	34065	14.22	ng	# 81
49) Dimethylphthalate	11.94	163	102485	19.75	ng	100

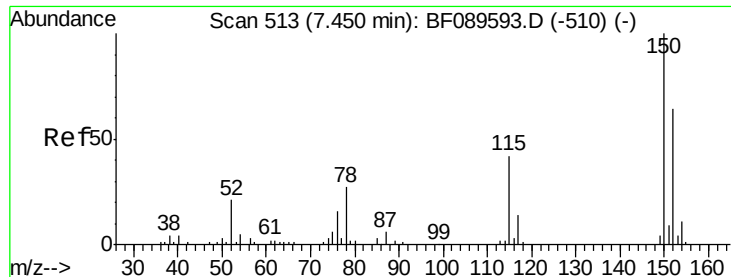
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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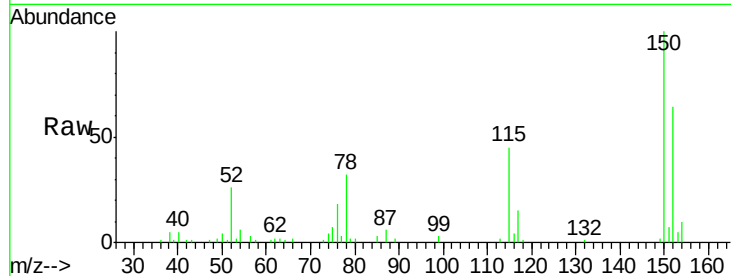


#1

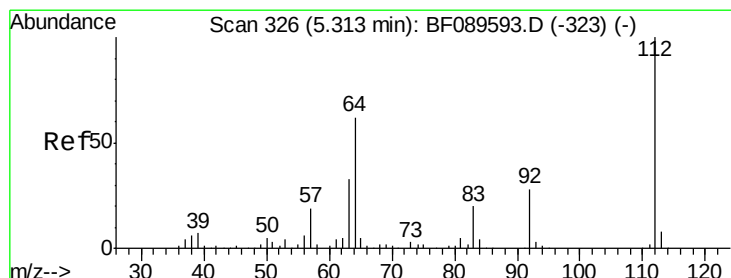
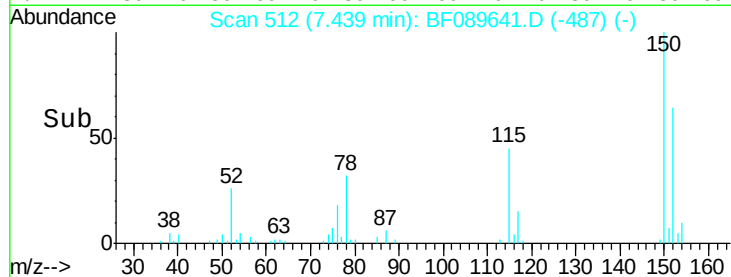
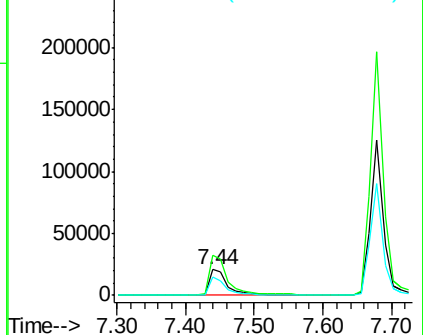
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46D-9-11

Tgt Ion:152 Resp: 40958
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.5 188.3
 115 70.6 52.0 78.0



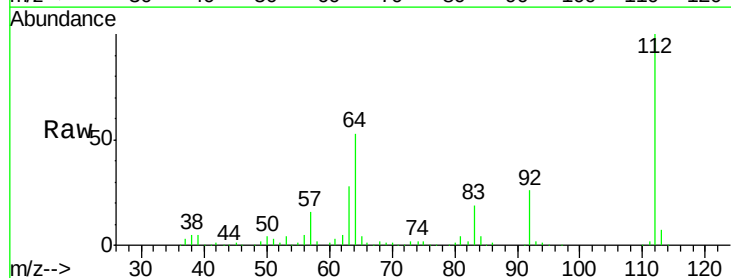
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



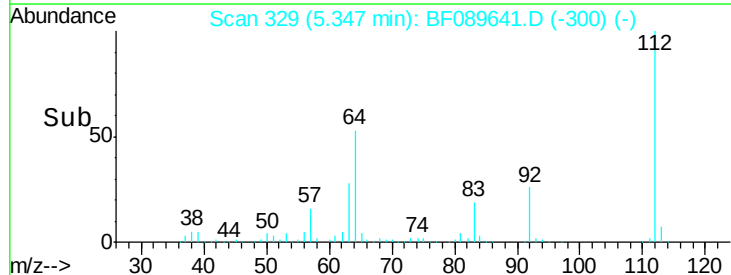
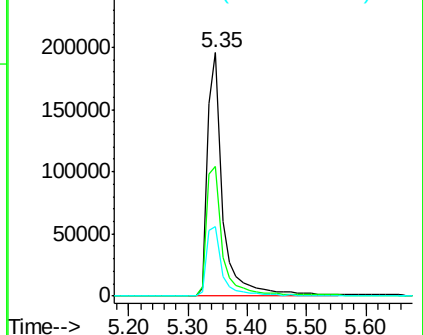
#5

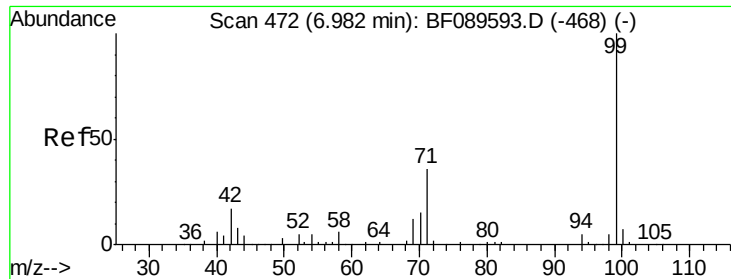
2-Fluorophenol
 Concen: 145.40 ng
 RT: 5.35 min Scan# 329
 Delta R.T. 0.04 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

Tgt Ion:112 Resp: 355320
 Ion Ratio Lower Upper
 112 100
 64 53.3 49.9 74.9
 63 28.4 26.1 39.1



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: 142.32 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-46D-9-11

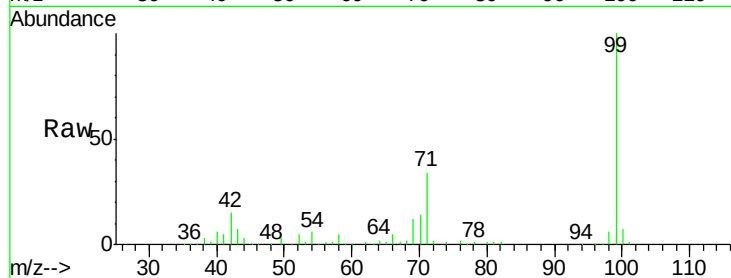
Tgt Ion: 99 Resp: 471800

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

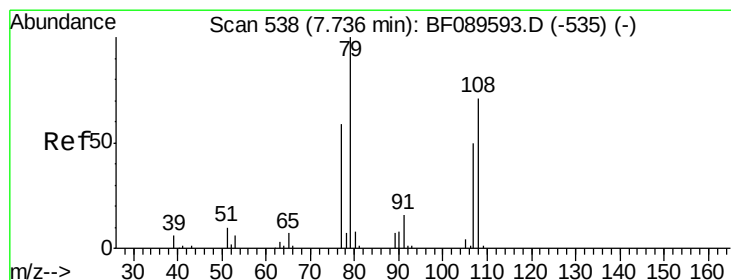
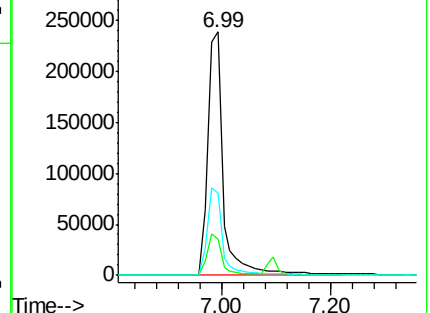
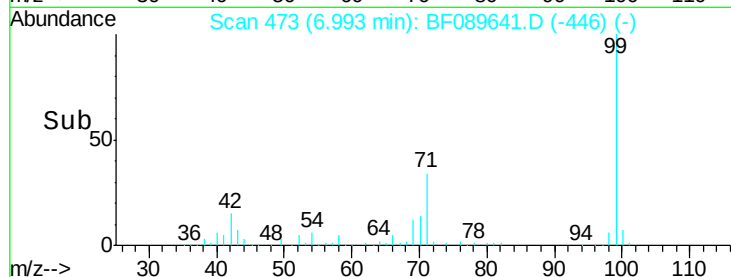
71 33.8 29.0 43.4



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

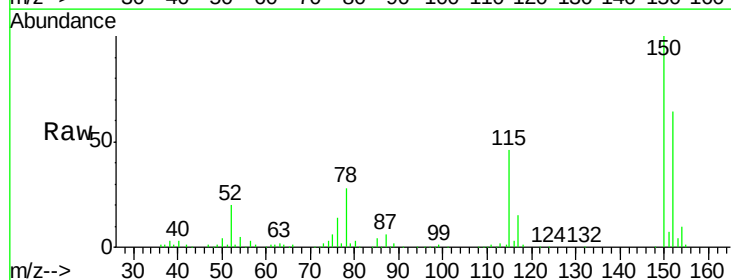
Tgt Ion: 79 Resp: 4426

Ion Ratio Lower Upper

79 100

108 26.0 58.3 87.5#

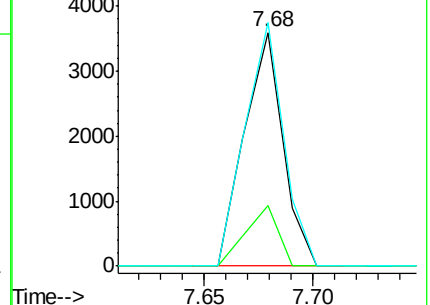
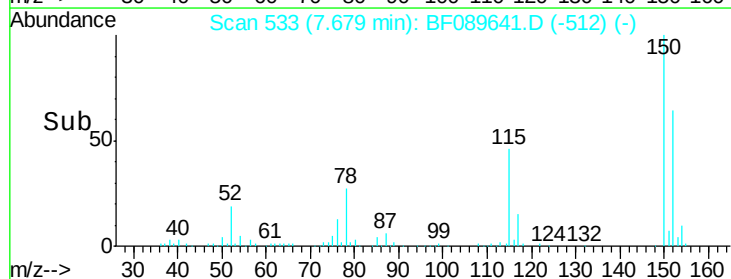
77 104.1 48.7 73.1#

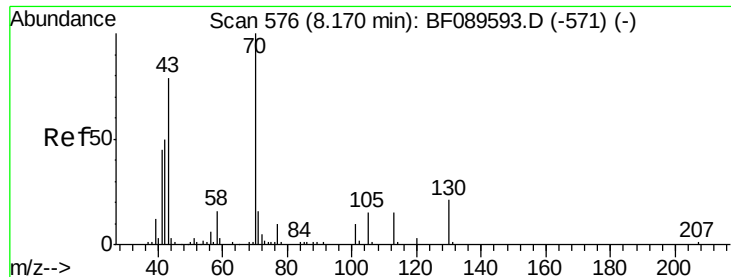


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.22 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

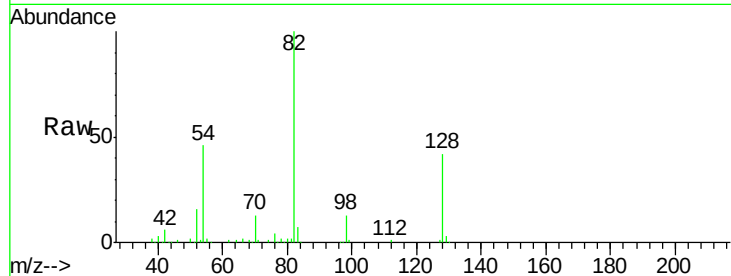
Instrument :

BNA_F

ClientSampleId :

LOCATION-46D-9-11

Tgt Ion:	70	Resp:	34065
Ion	Ratio	Lower	Upper
70	100		
42	44.3	40.2	60.2
101	0.0	7.8	11.6#
130	2.0	16.4	24.6#

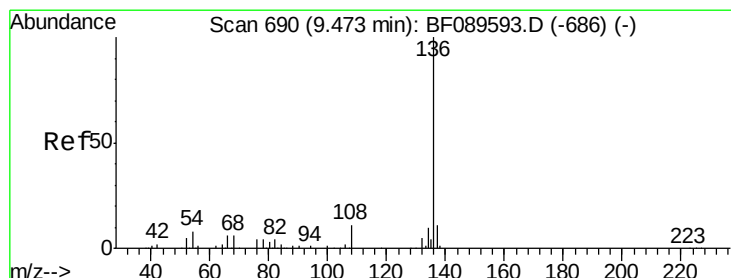
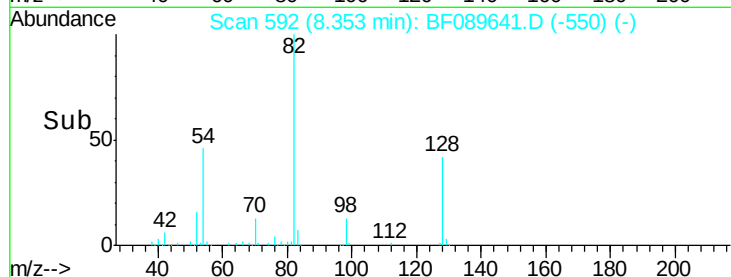
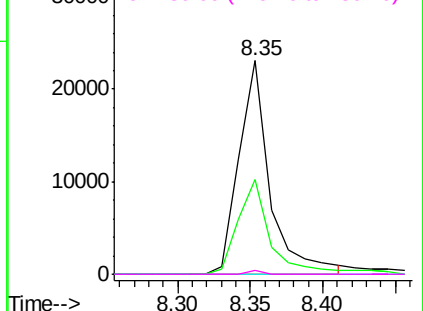


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

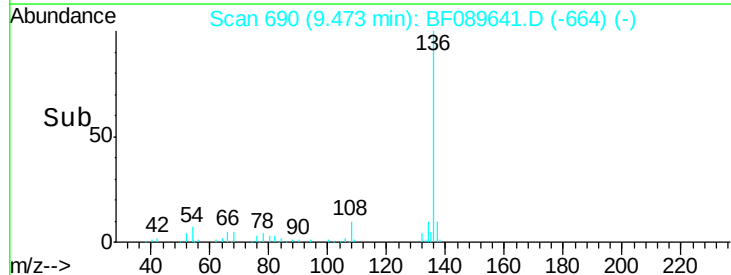
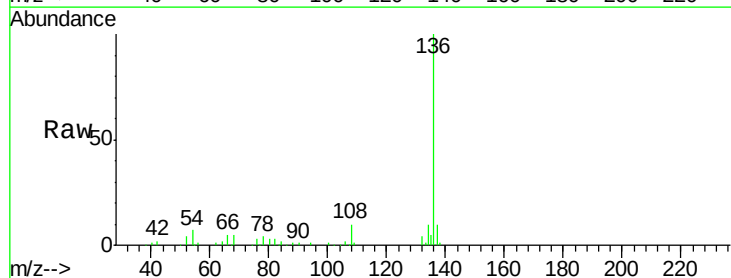
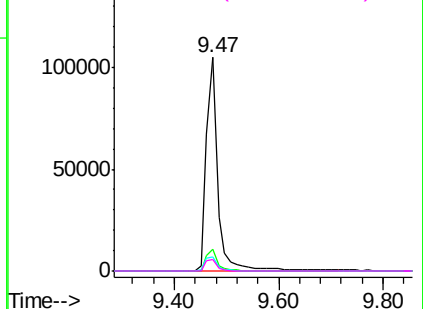
Tgt Ion:	136	Resp:	160630
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.6	6.0	9.0
68	5.2	4.6	6.8

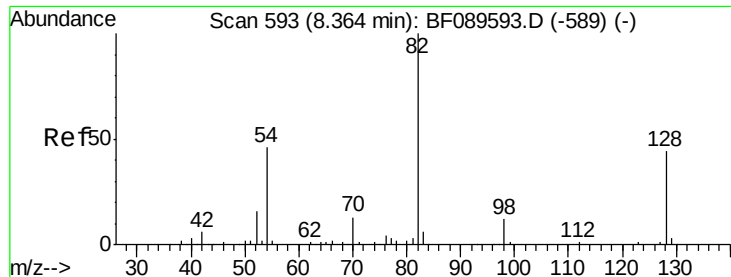
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.26 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-46D-9-11

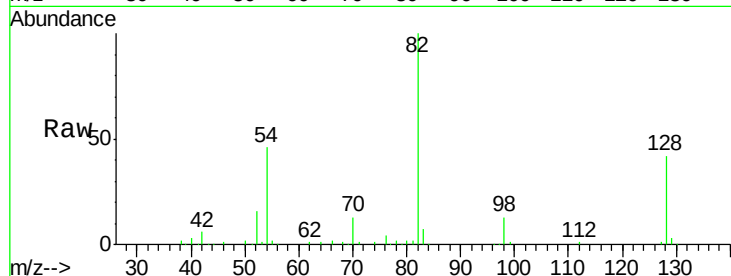
Tgt Ion: 82 Resp: 279539

Ion Ratio Lower Upper

82 100

128 42.3 35.4 53.0

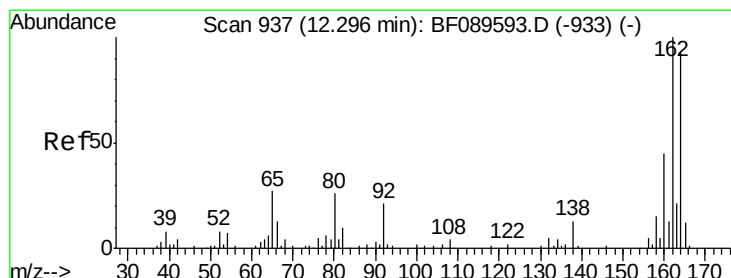
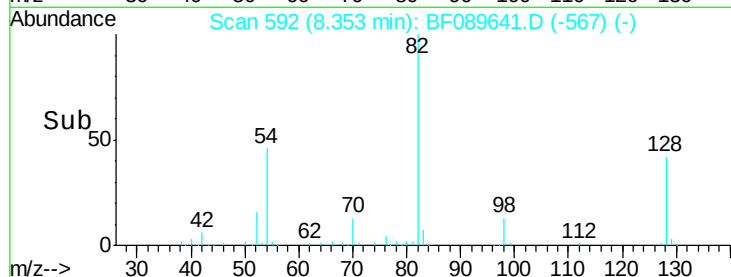
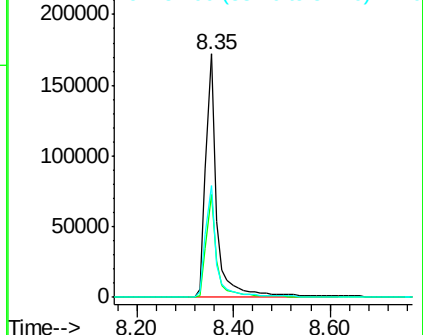
54 46.1 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

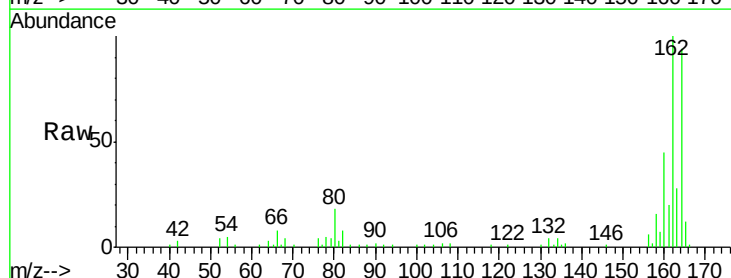
Tgt Ion: 164 Resp: 66218

Ion Ratio Lower Upper

164 100

162 106.0 85.7 128.5

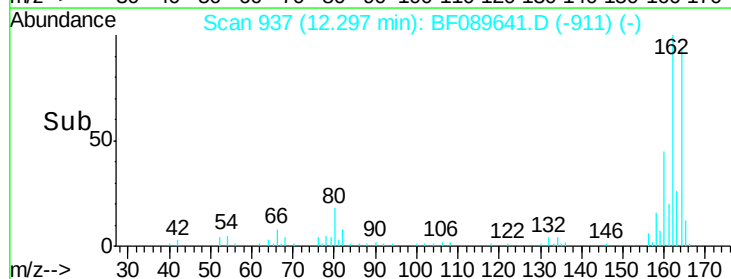
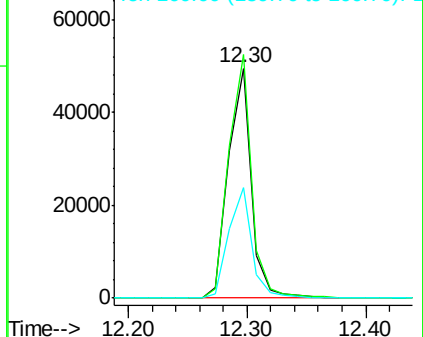
160 48.1 38.2 57.4

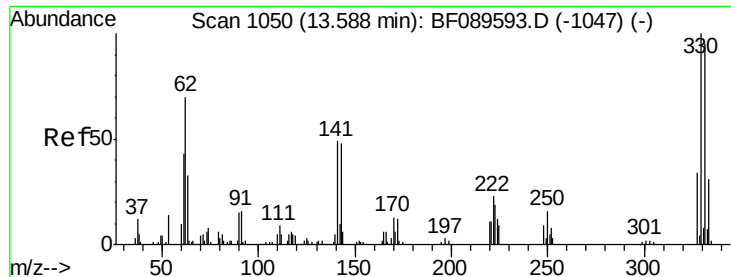


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

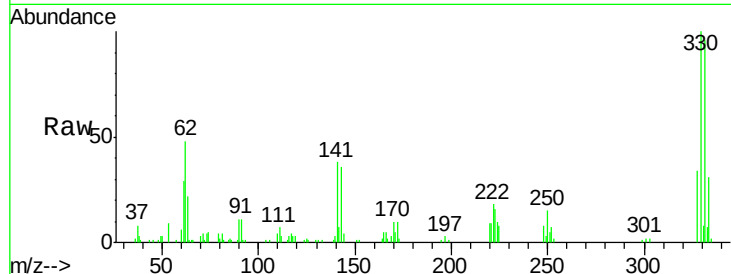




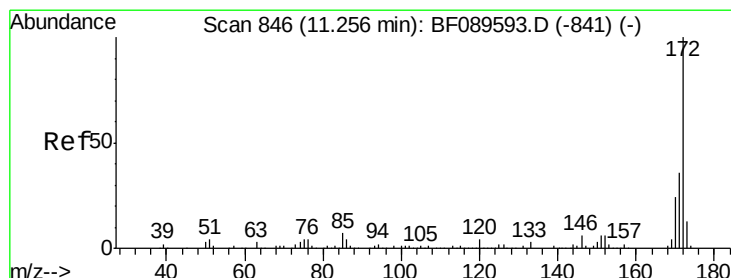
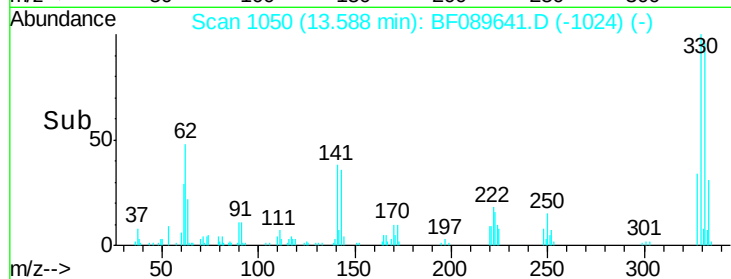
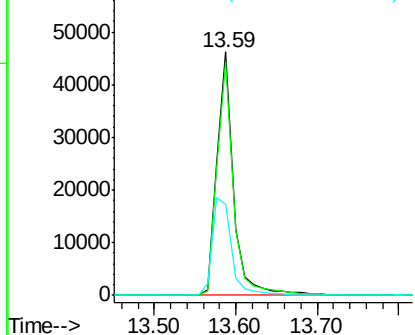
#41
 2,4,6-Tribromophenol
 Concen: 119.14 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

Instrument :
 BNA_F
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 LOCATION-46D-9-11

Tgt Ion:330 Resp: 65105
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 47.4 38.6 57.8

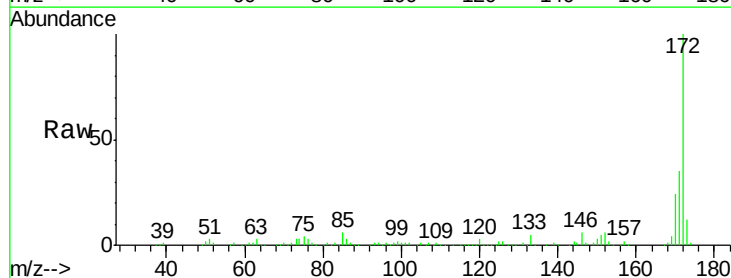


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

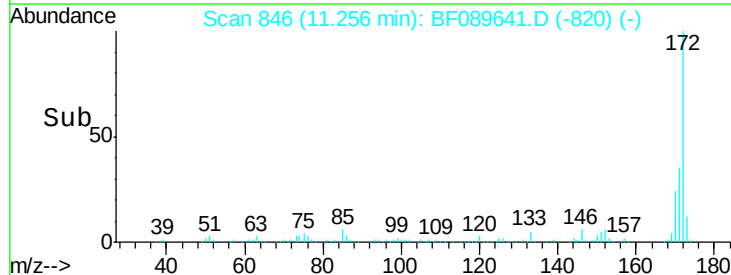
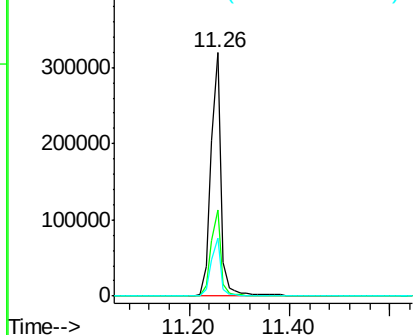


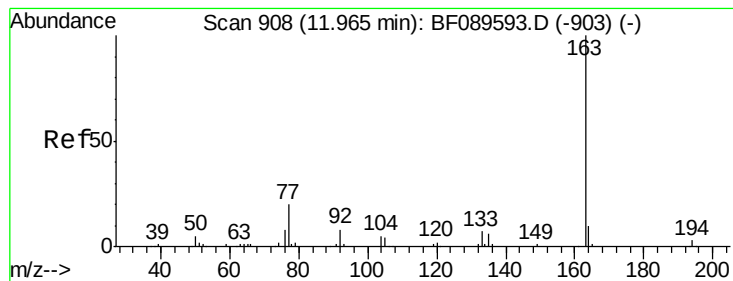
#44
 2-Fluorobiphenyl
 Concen: 87.89 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

Tgt Ion:172 Resp: 447792
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.7 19.0 28.6



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: 19.75 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

Instrument :

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ClientSampleId :

LOCATION-46D-9-11

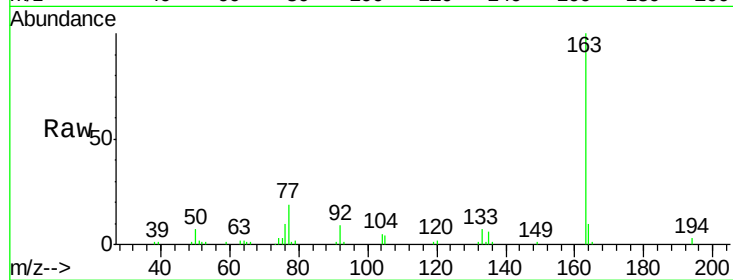
Tgt Ion:163 Resp: 102485

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

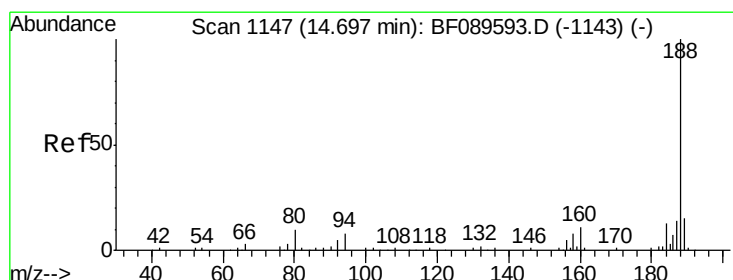
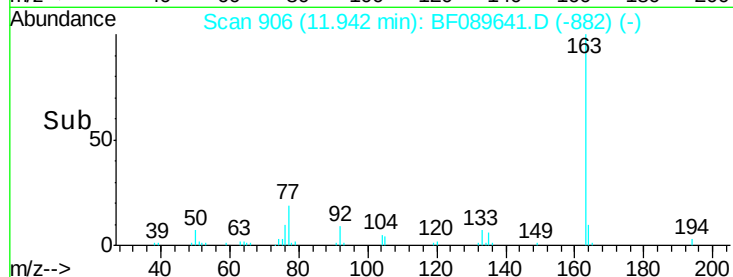
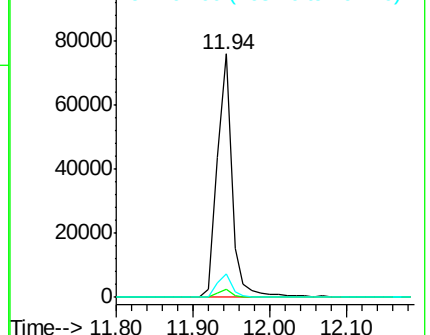
164 9.7 7.8 11.6



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: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089641.D

Acq: 5 Aug 2016 21:07

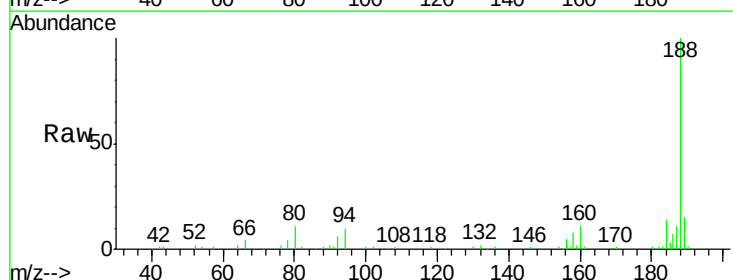
Tgt Ion:188 Resp: 100038

Ion Ratio Lower Upper

188 100

94 9.7 6.5 9.7

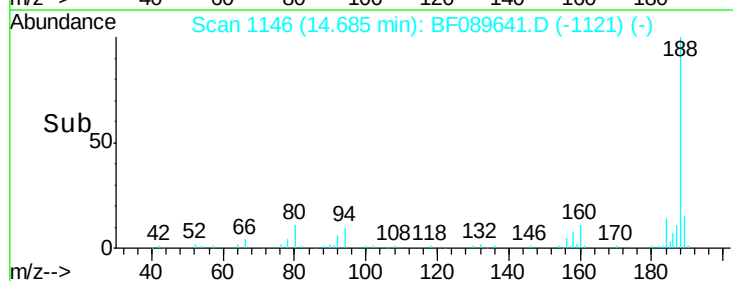
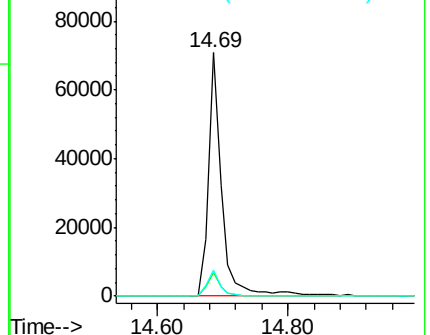
80 10.7 8.0 12.0

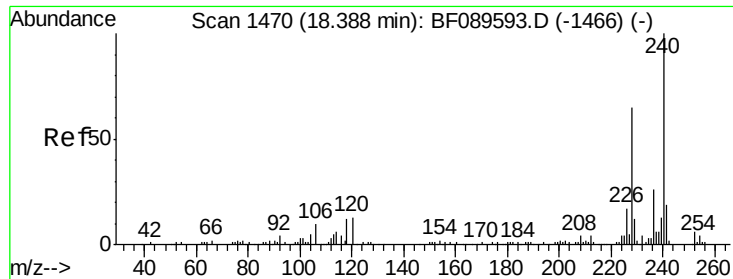


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

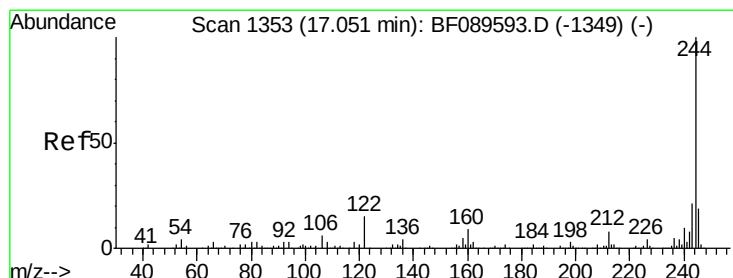
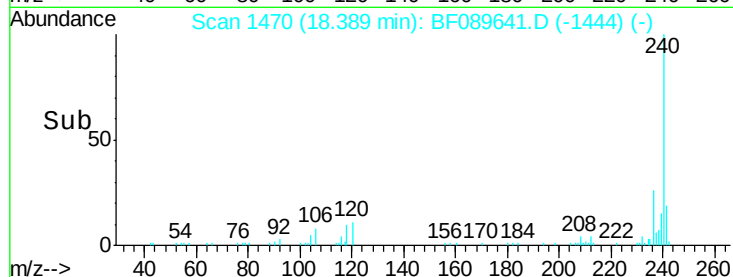
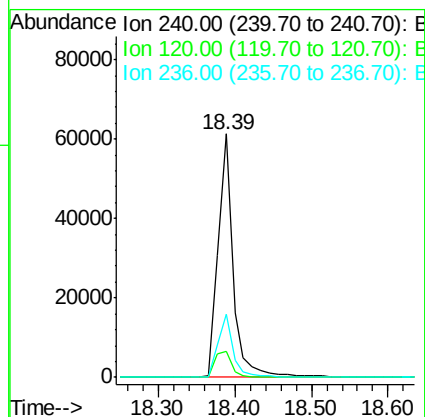
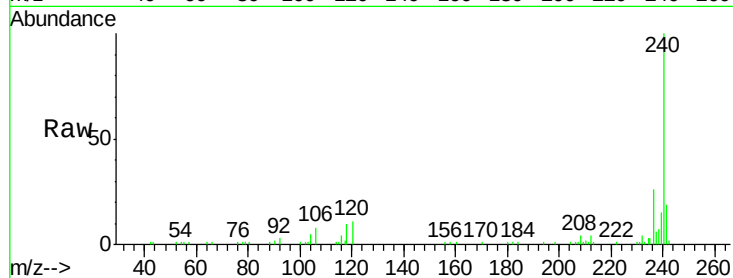




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

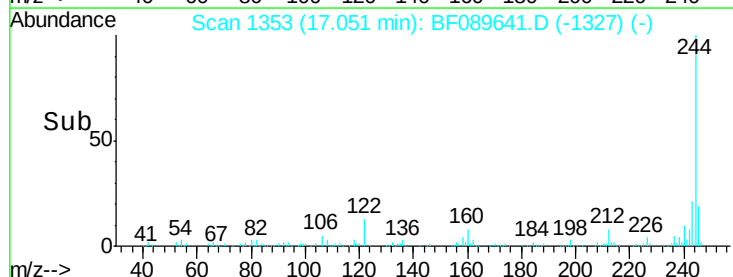
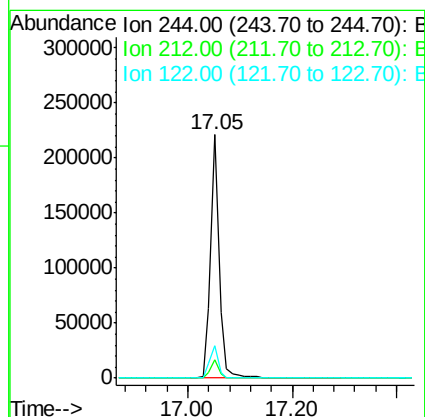
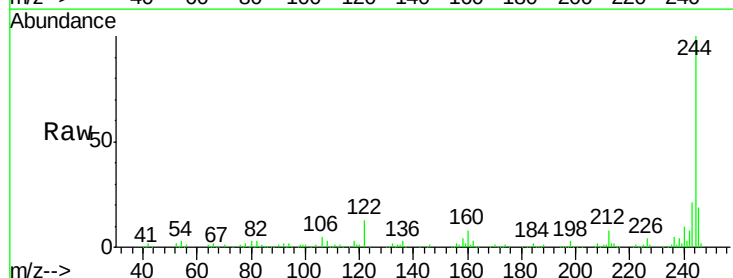
Instrument :
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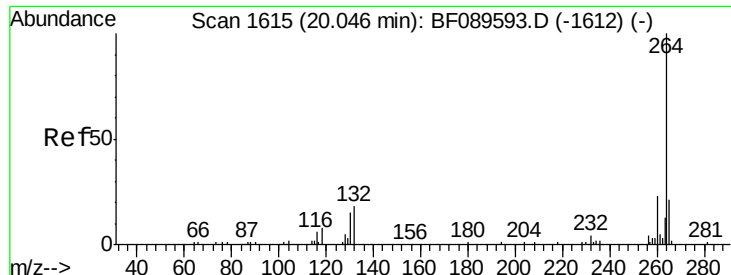
Tgt Ion:240 Resp: 83753
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.6 15.8
 236 26.1 20.6 30.8



#78
 Terphenyl-d14
 Concen: 59.98 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089641.D
 Acq: 5 Aug 2016 21:07

Tgt Ion:244 Resp: 254482
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.5 12.2 18.2

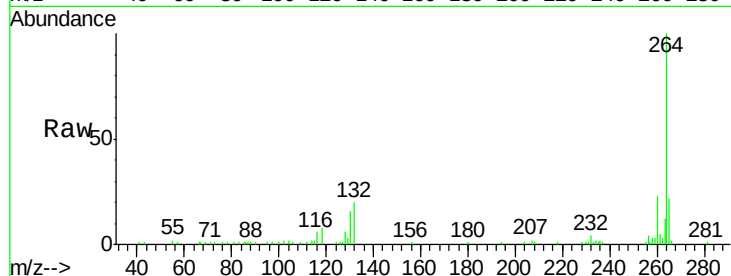




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089641.D
Acq: 5 Aug 2016 21:07

Instrument :
BNA_F
ClientSampleId :
LOCATION-46D-9-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.5	16.5	24.7



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

