

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089156.D
 Acq On : 21 Jul 2016 3:21
 Operator : UM/SJ
 Sample : H4119-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Quant Time: Jul 21 07:23:10 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

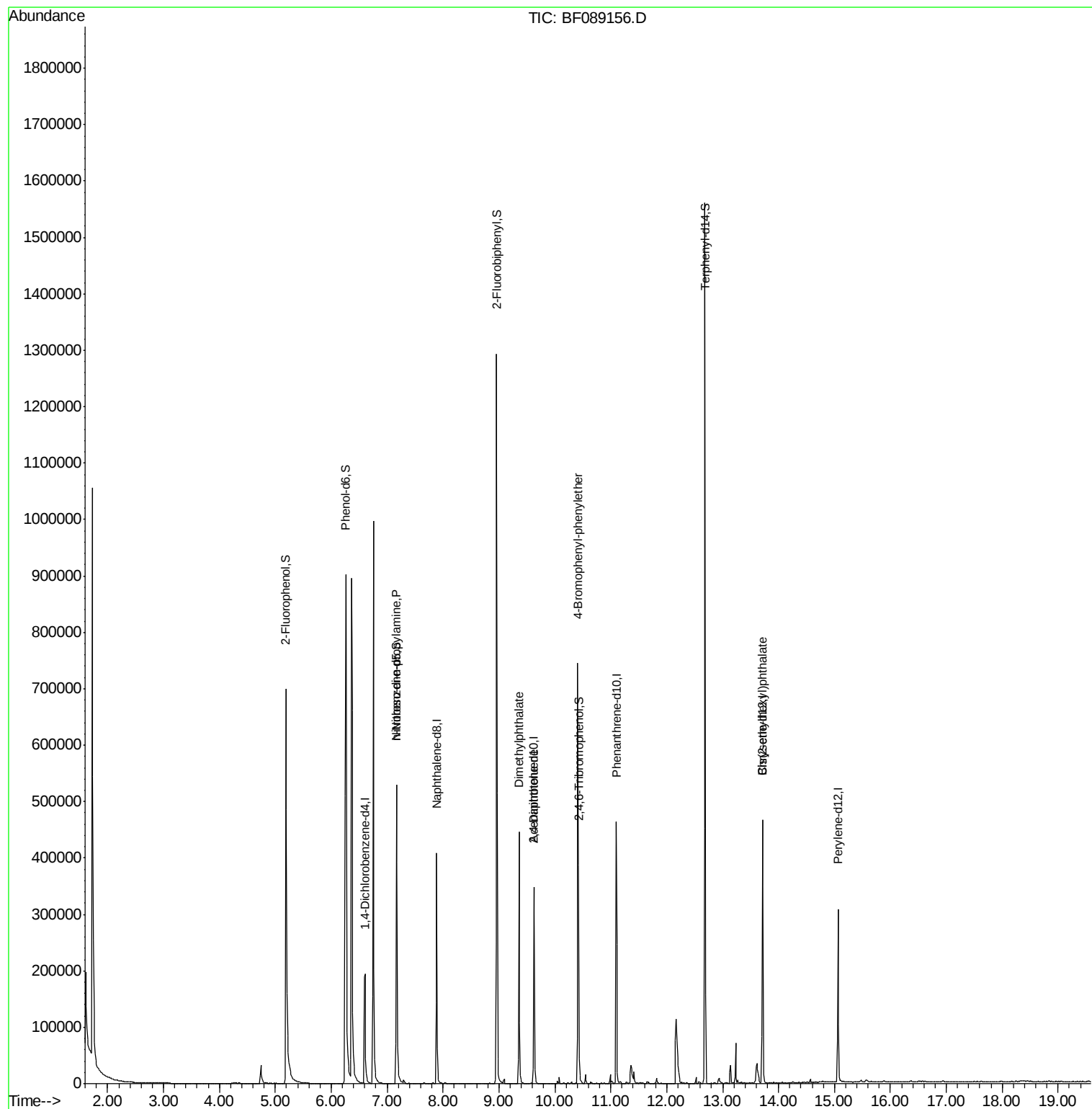
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53252	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	229624	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	103895	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	210406	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	159825	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						
9) Benzaldehyde	6.26	77	530	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	36667	12.42 ng	#	82
49) Dimethylphthalate	9.36	163	193186	24.23 ng		98
56) 2,4-Dinitrotoluene	9.62	165	12896	5.56 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	7255	3.48 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.71	149	71297	9.63 ng		95

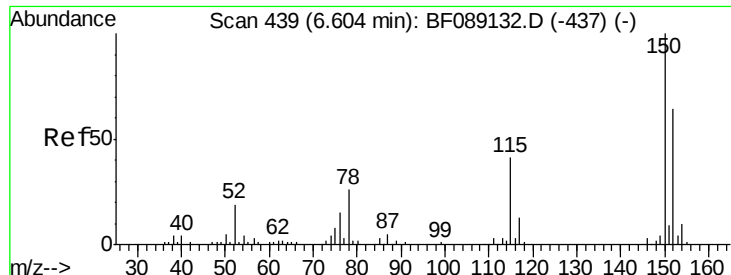
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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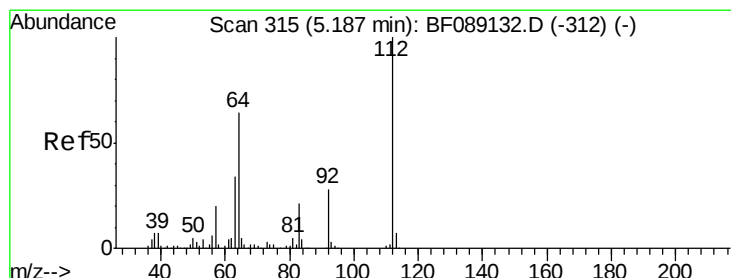
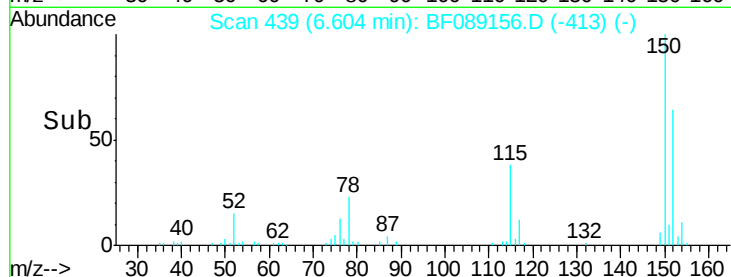
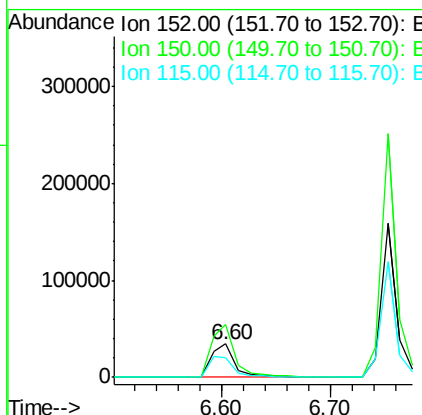
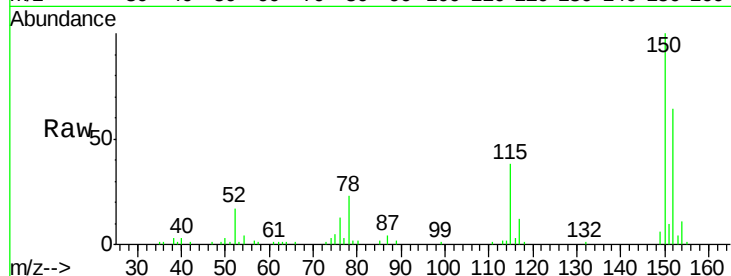




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

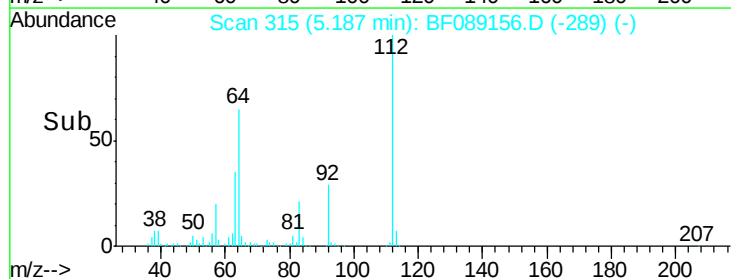
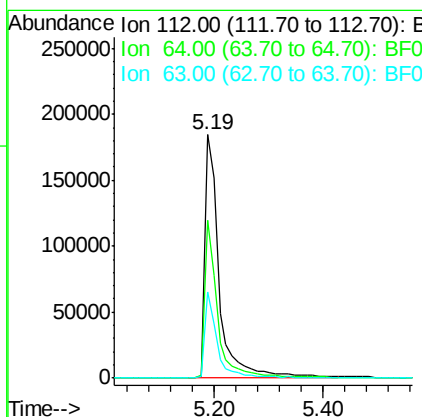
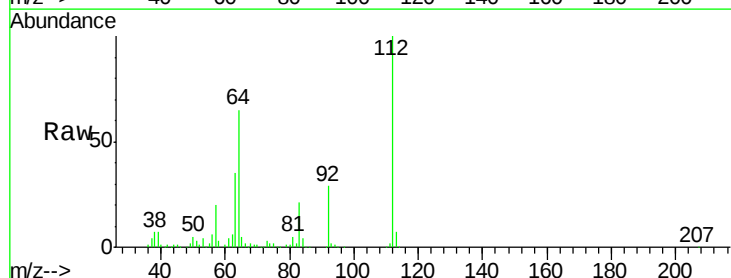
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

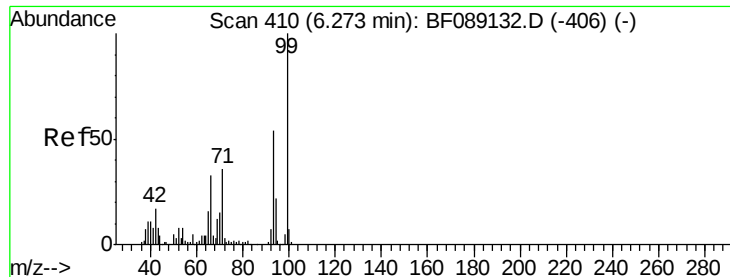
Tgt Ion:152 Resp: 53252
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.1 187.7
 115 59.2 51.1 76.7



#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

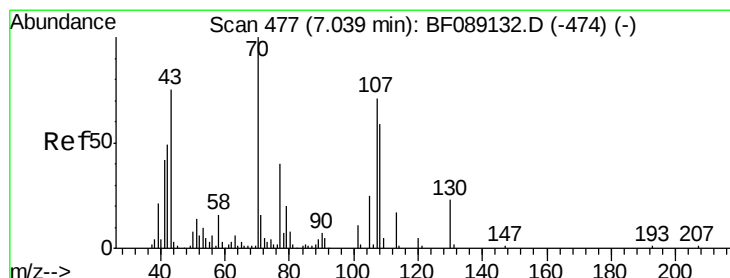
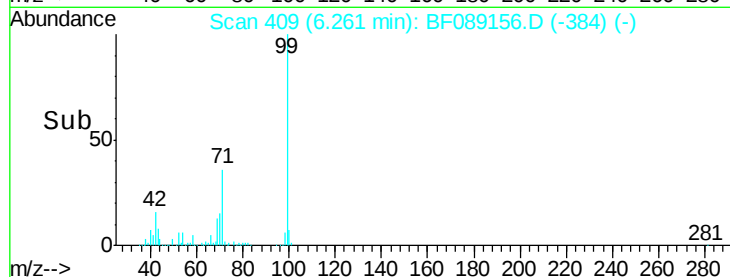
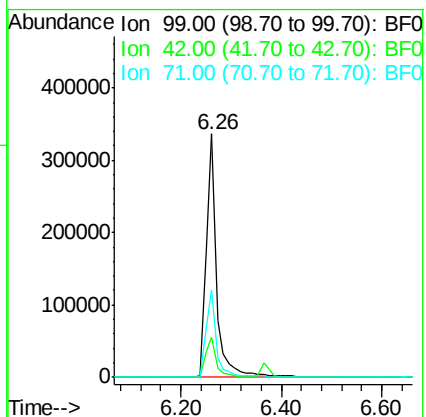
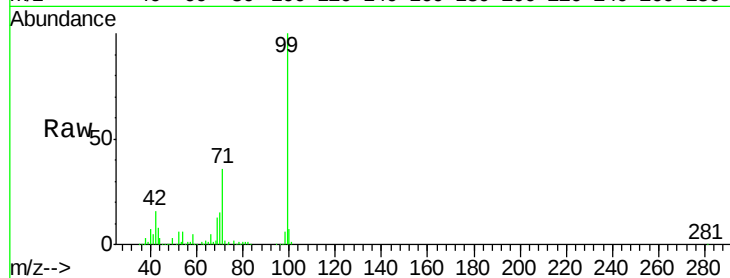
Tgt Ion: 99 Resp: 482561

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 36.1 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.42 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089156.D

Acq: 21 Jul 2016 3:21

Tgt Ion: 70 Resp: 36667

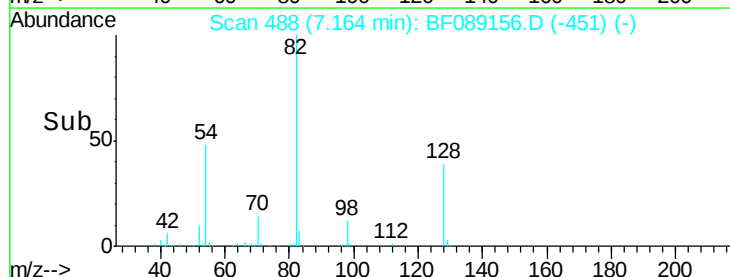
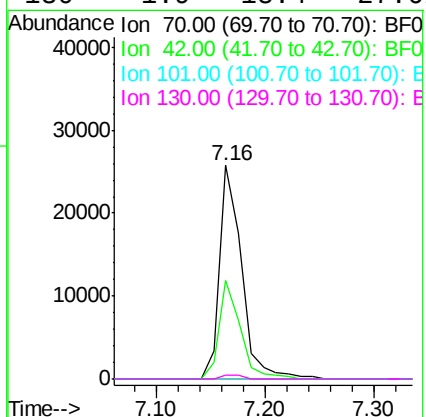
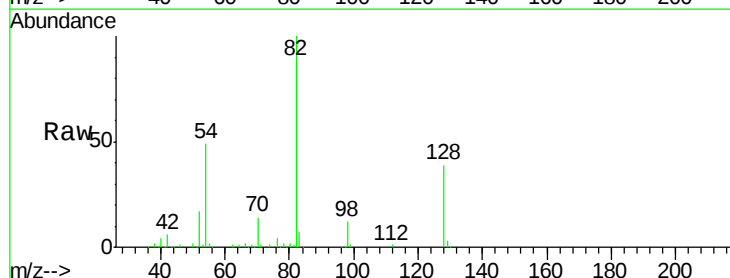
Ion Ratio Lower Upper

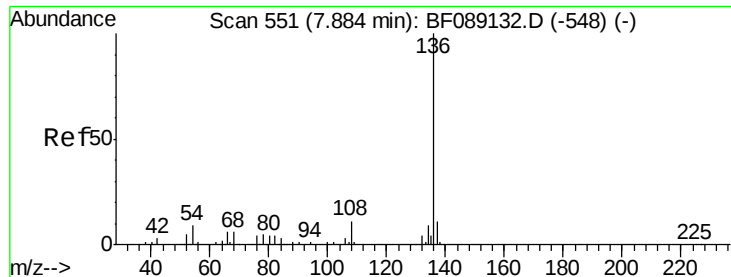
70 100

42 46.4 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#

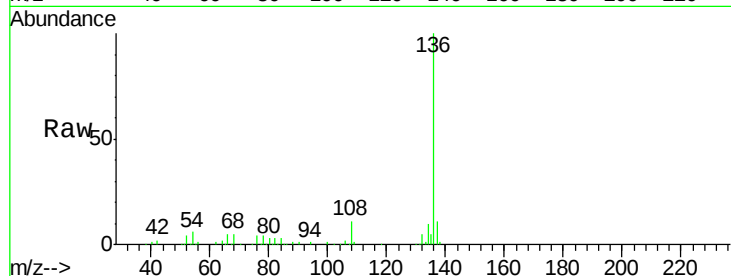




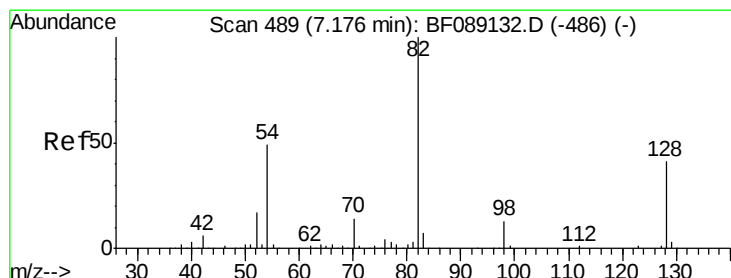
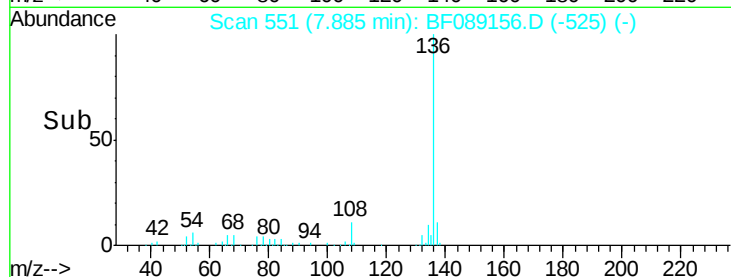
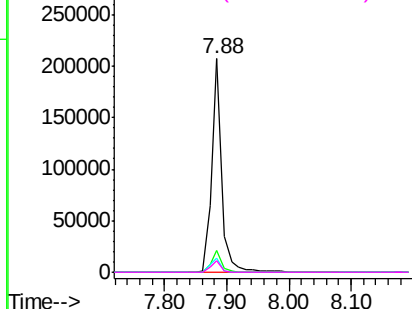
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089156.D
Acq: 21 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33

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

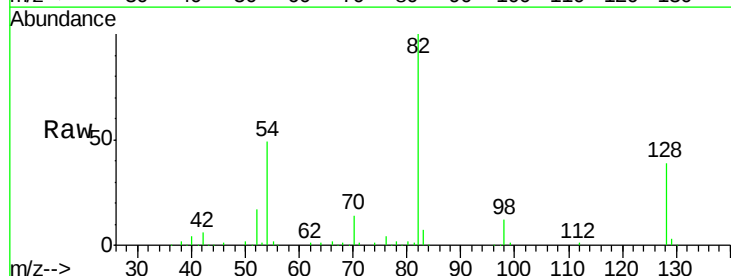


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

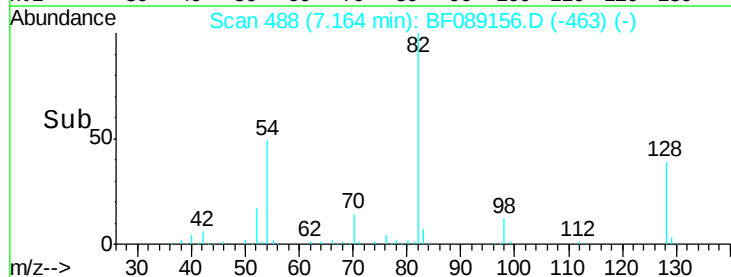
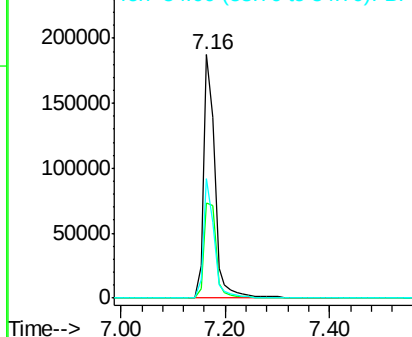


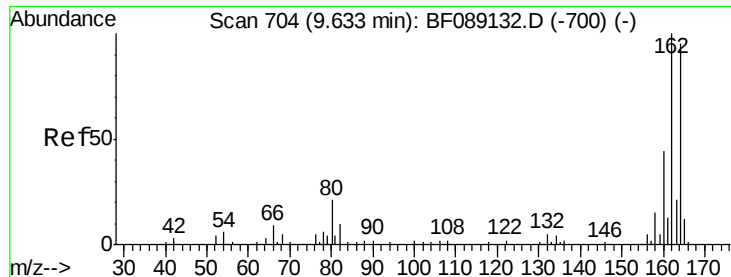
#23
Nitrobenzene-d5
Concen: 64.87 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089156.D
Acq: 21 Jul 2016 3:21

Tgt Ion:	82	Resp:	280351
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): E
Ion 54.00 (53.70 to 54.70): BF0

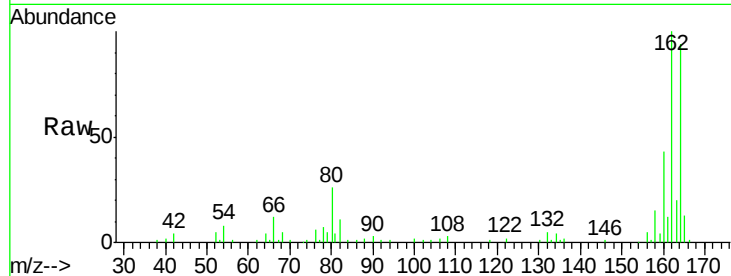




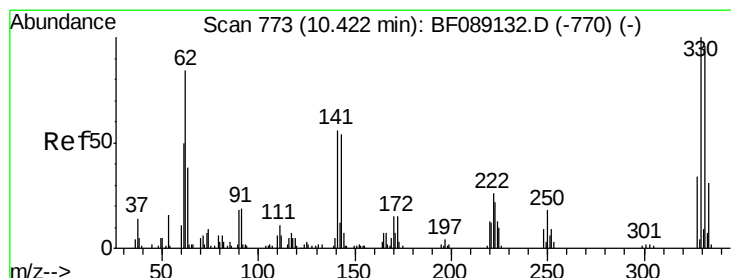
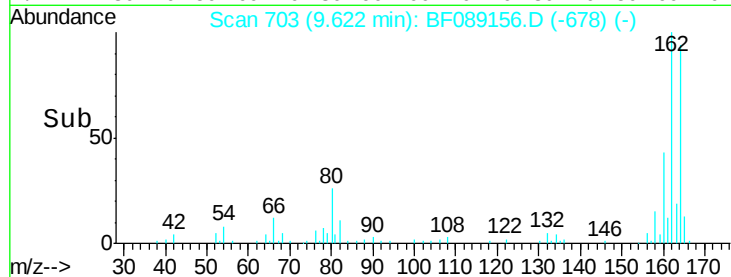
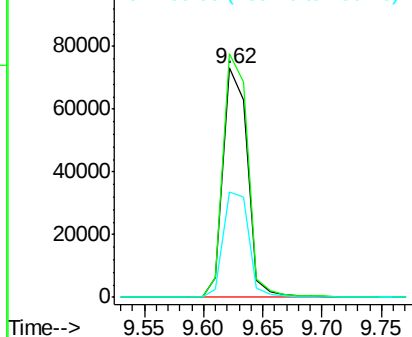
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Tgt Ion:164 Resp: 103895
 Ion Ratio Lower Upper
 164 100
 162 106.2 84.1 126.1
 160 46.1 37.1 55.7

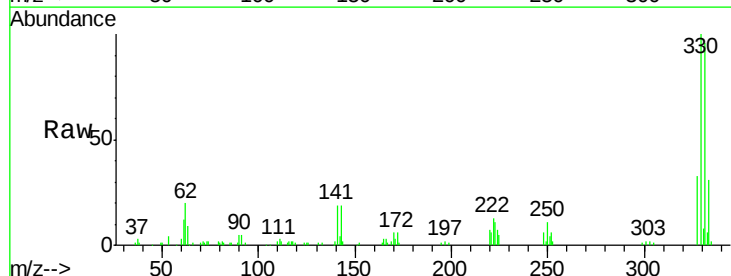


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

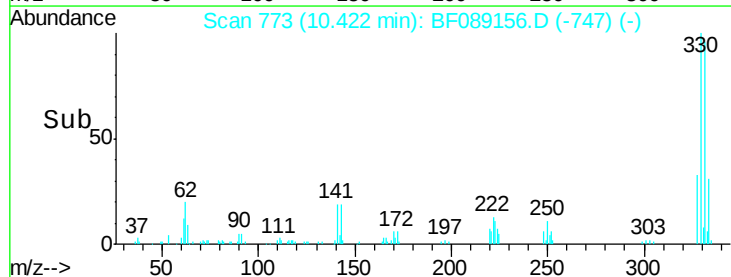
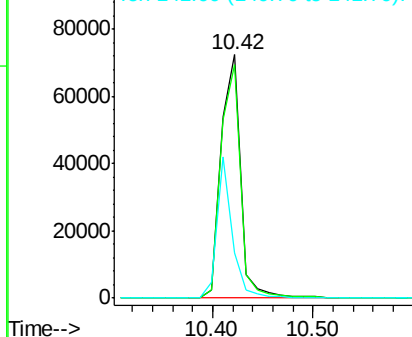


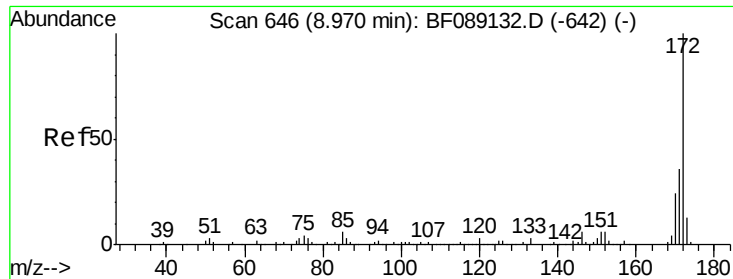
#41
 2,4,6-Tribromophenol
 Concen: 104.27 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

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

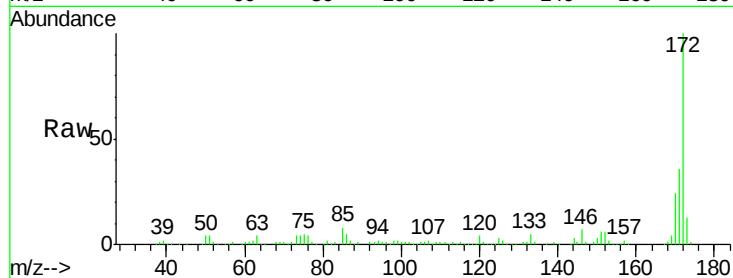




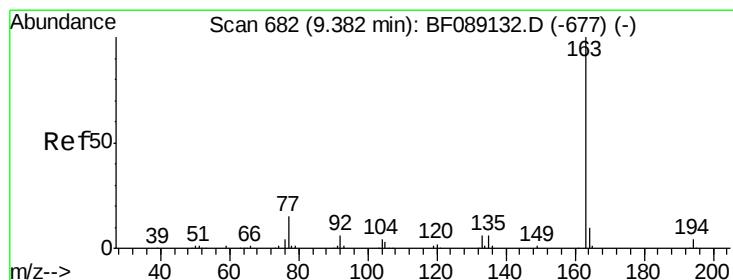
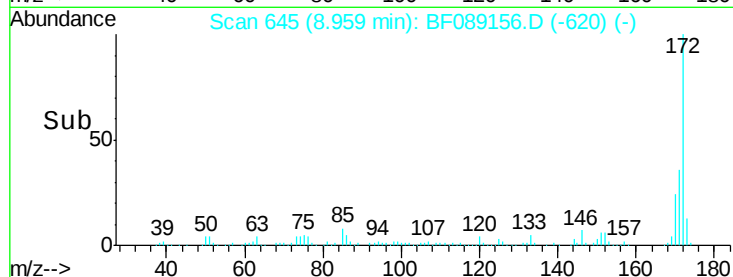
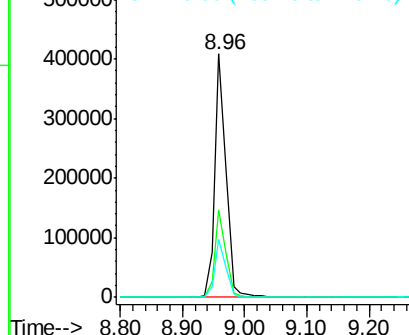
#44
 2-Fluorobiphenyl
 Concen: 66.76 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

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 LOCATION-SGS-33

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

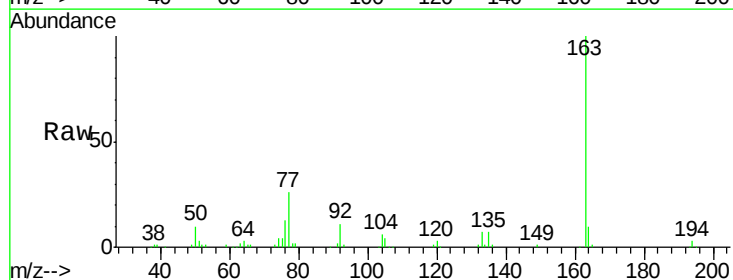


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

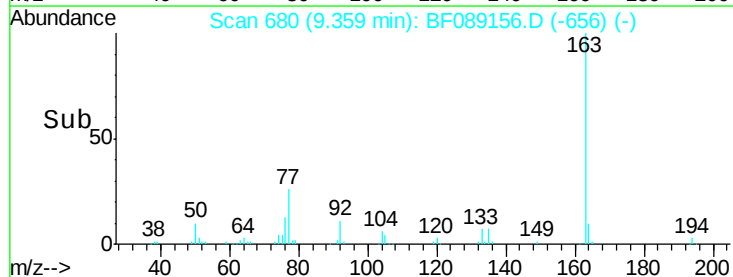
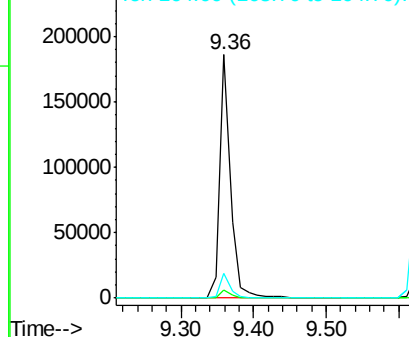


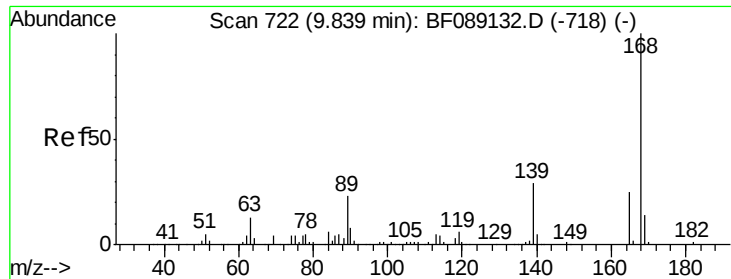
#49
 Dimethylphthalate
 Concen: 24.23 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

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

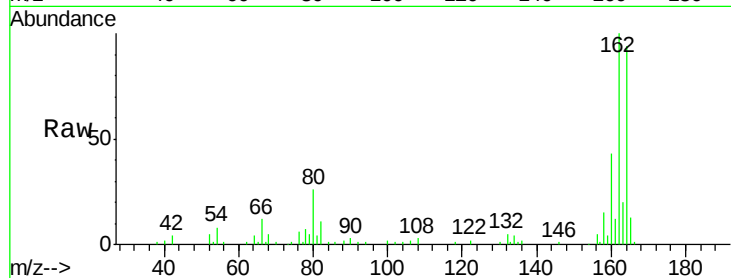




#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.22 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

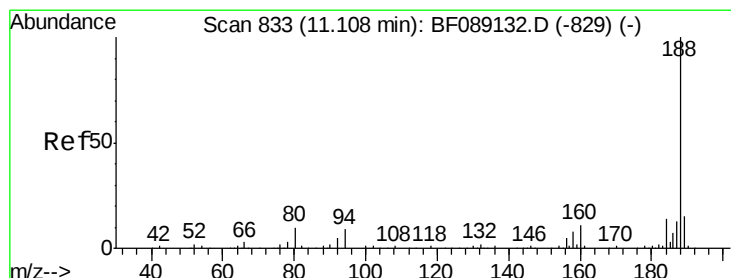
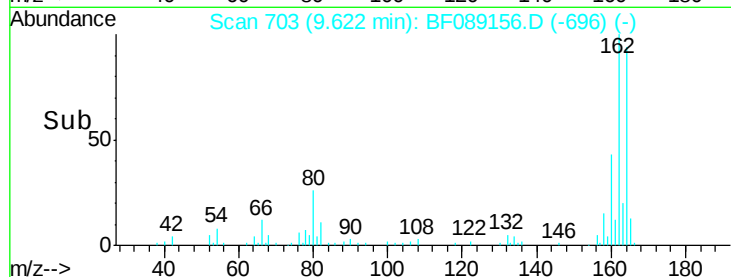
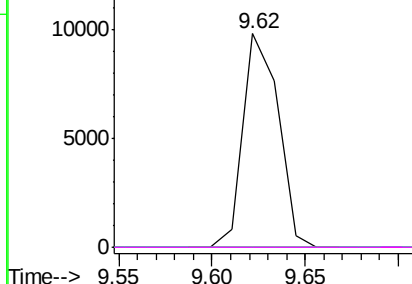


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



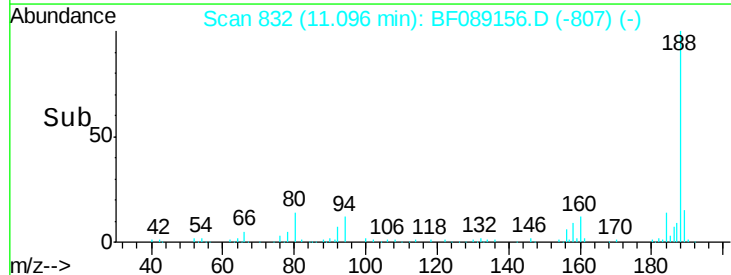
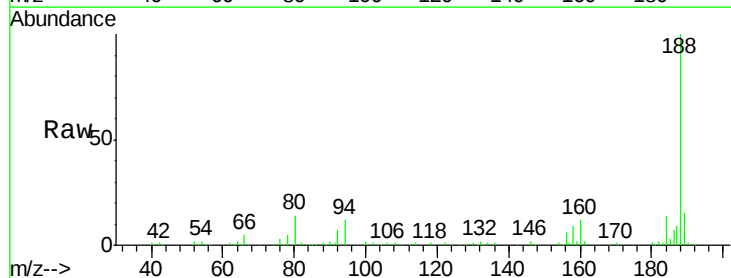
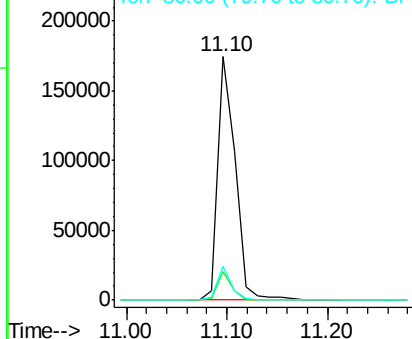
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

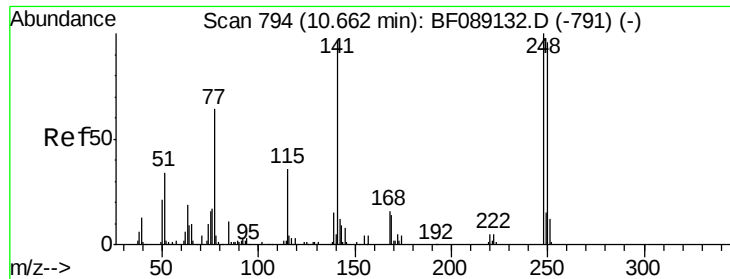
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.0	10.4#
80	13.7	7.7	11.5#

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

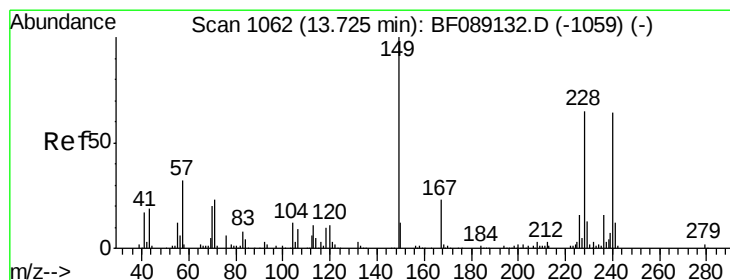
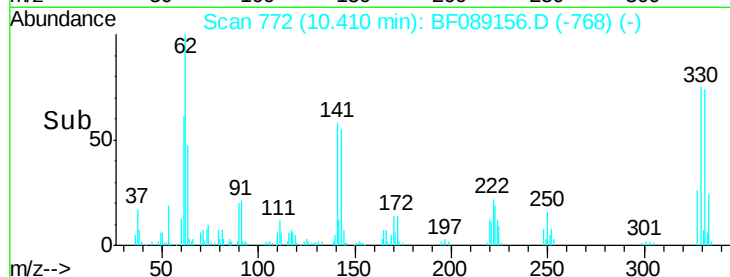
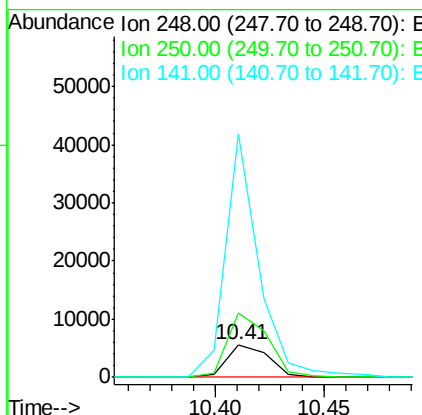
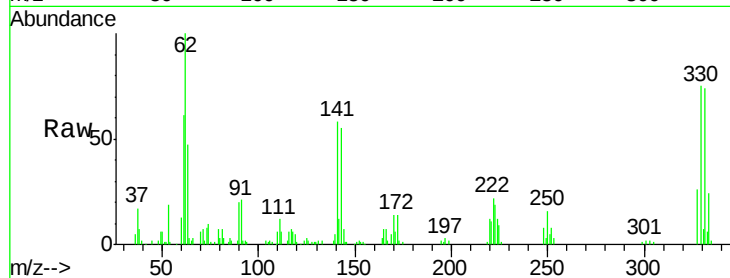




#66
 4-Bromophenyl-phenylether
 Concen: 3.48 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.25 min
 Lab File: BF089156.D
 Acq: 21 Jul 2016 3:21

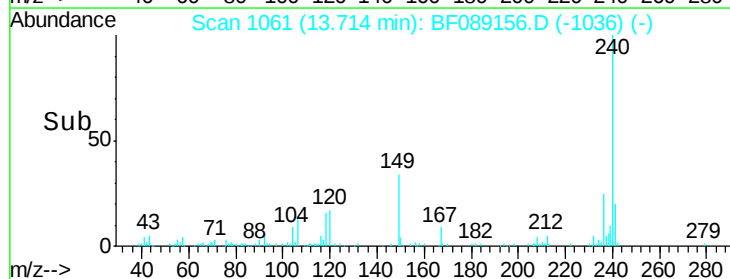
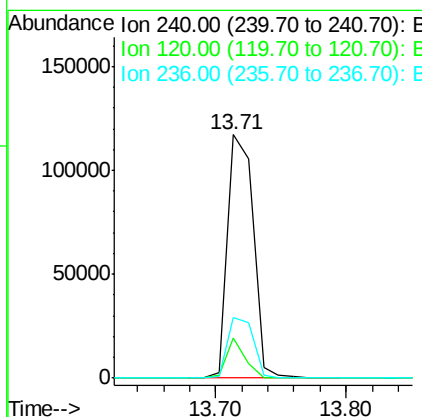
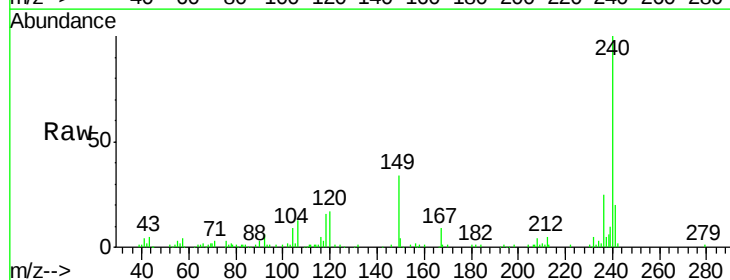
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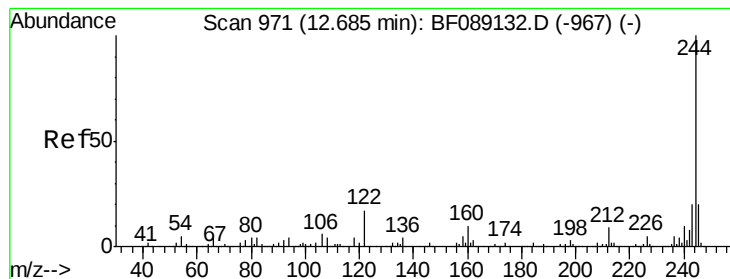
Tgt Ion:248 Resp: 7255
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 750.9 77.4 116.2#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33

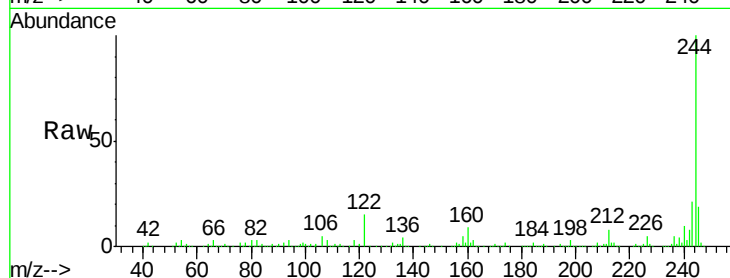
Tgt Ion:244 Resp: 460317

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

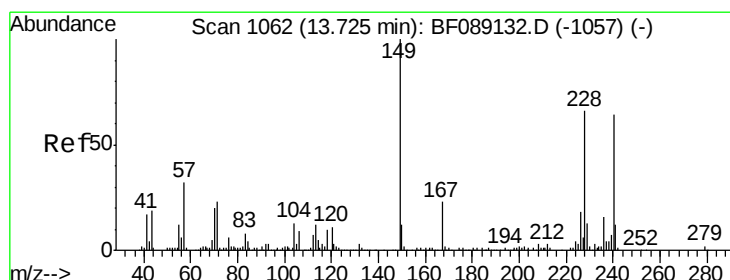
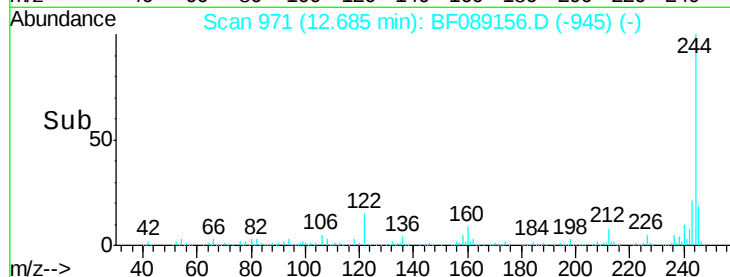
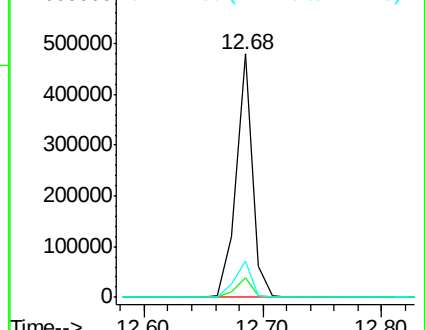
122 14.8 13.8 20.8



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

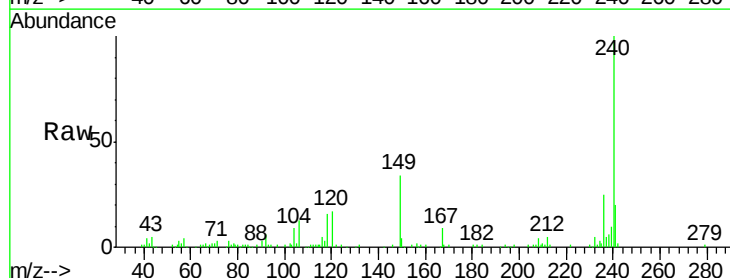
Tgt Ion:149 Resp: 71297

Ion Ratio Lower Upper

149 100

167 26.0 18.6 28.0

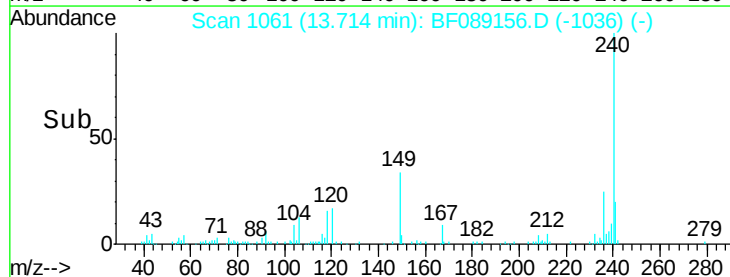
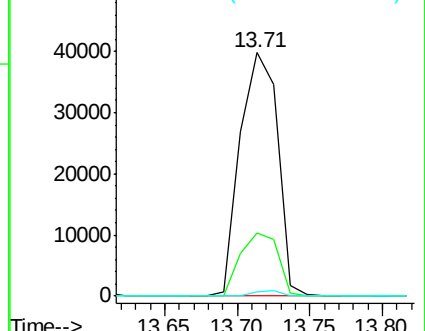
279 1.7 1.6 2.4

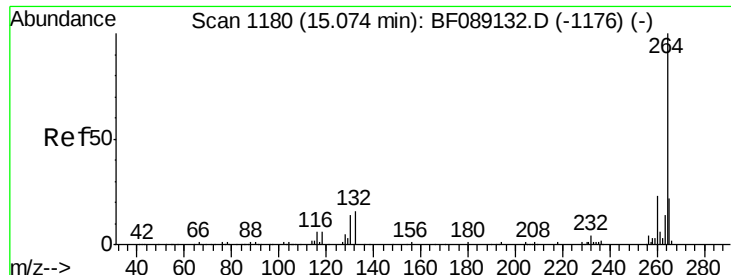


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

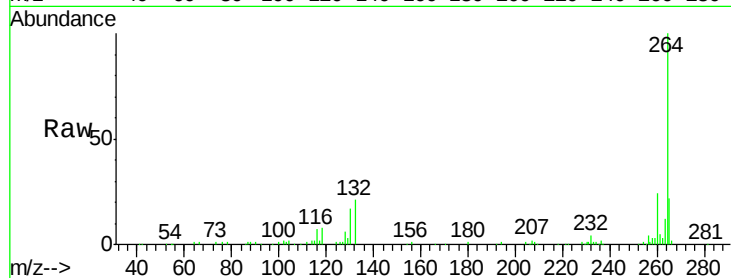




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089156.D
Acq: 21 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33

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



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

