

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089287.D
 Acq On : 25 Jul 2016 20:13
 Operator : UM/SJ
 Sample : H4207-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Quant Time: Jul 26 00:58:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

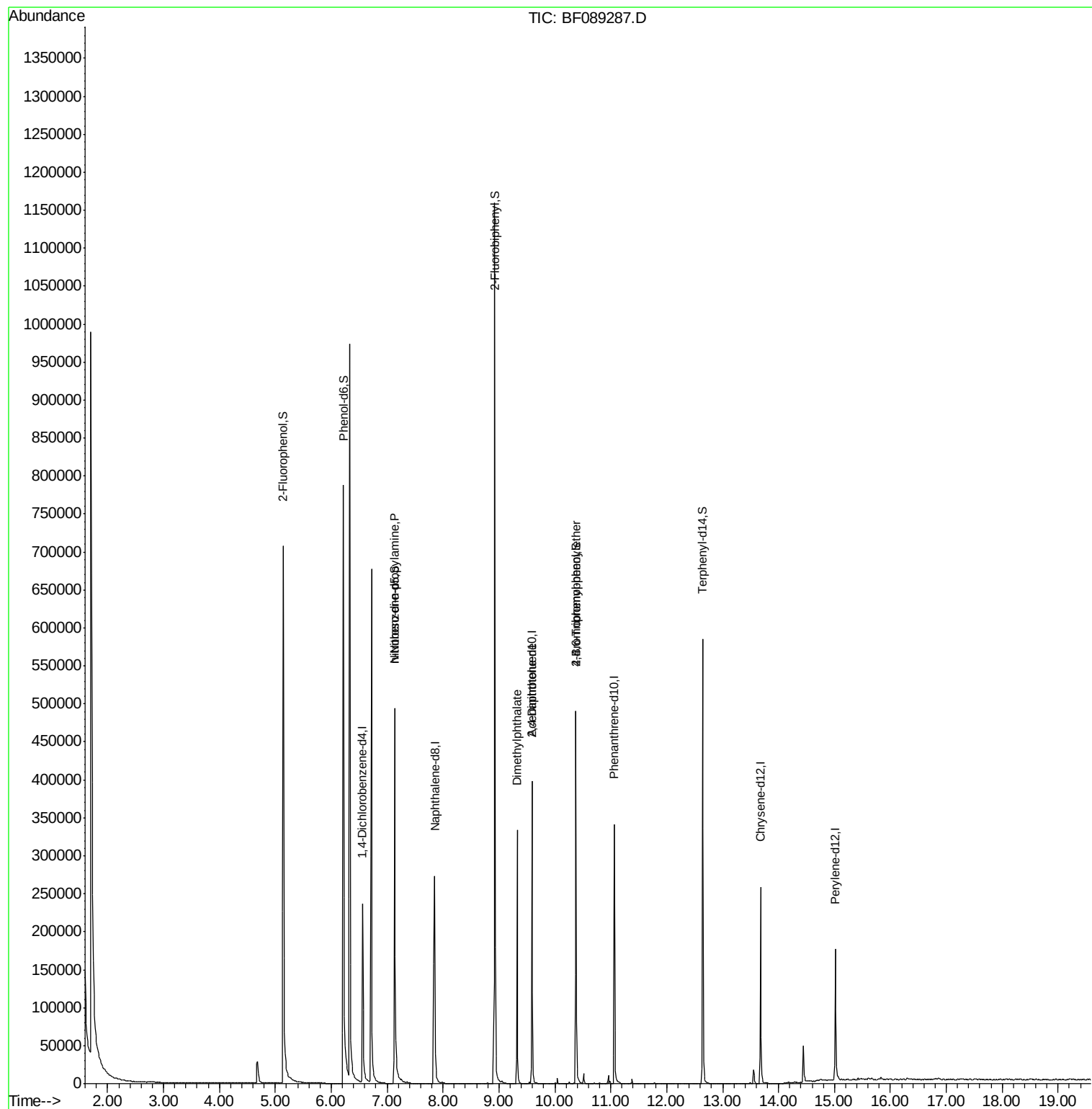
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	49189	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	187227	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	82784	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	143215	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	97303	20.00	ng	-0.01
86) Perylene-d12	15.02	264	81763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	274245	84.79	ng	0.00
7) Phenol-d6	6.22	99	350047	83.93	ng	-0.01
23) Nitrobenzene-d5	7.13	82	222451	63.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	58020	77.84	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	369895	61.56	ng	-0.01
78) Terphenyl-d14	12.64	244	227655	50.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	339	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	28739	10.53	ng	# 81
49) Dimethylphthalate	9.32	163	132252	20.82	ng	99
56) 2,4-Dinitrotoluene	9.59	165	10530	5.70	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	4399	3.10	ng	# 1

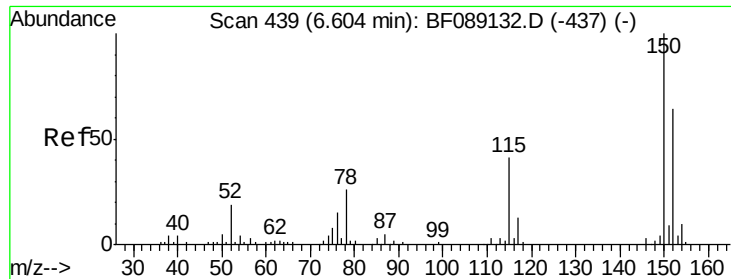
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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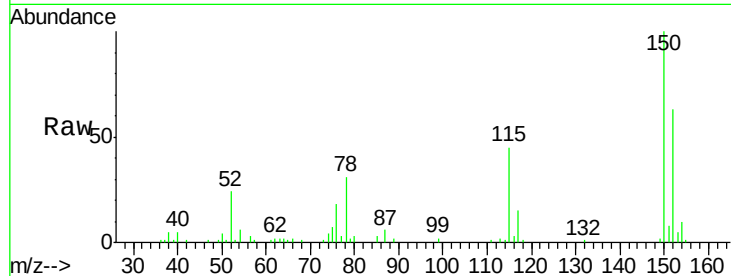


#1

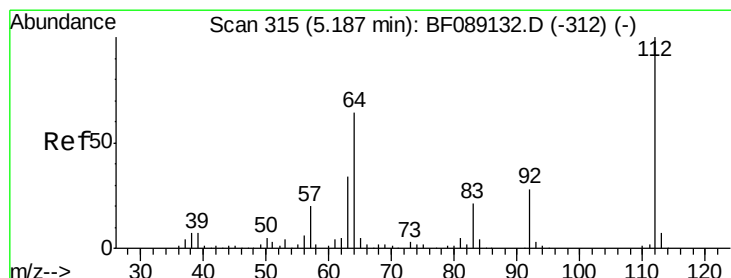
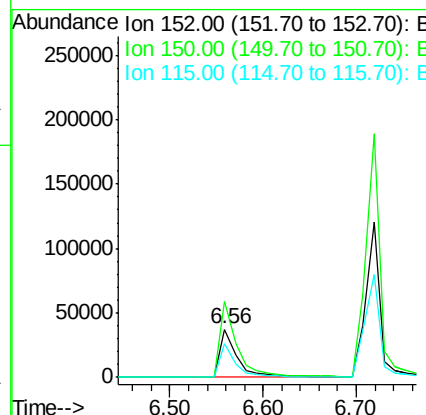
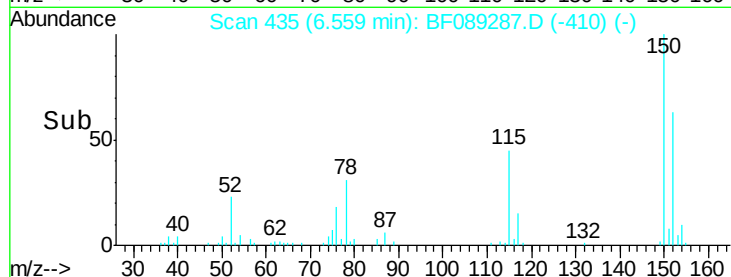
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089287.D
Acq: 25 Jul 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 49189
Ion Ratio Lower Upper
152 100
150 157.6 125.1 187.7
115 71.1 51.1 76.7



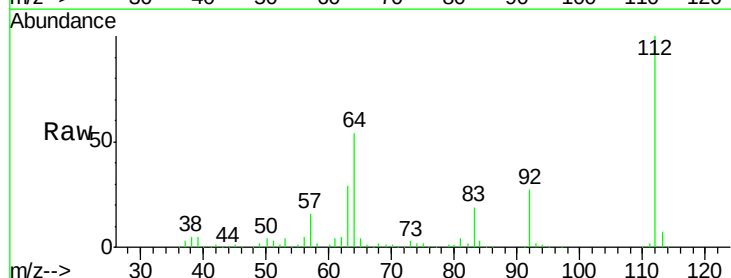
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



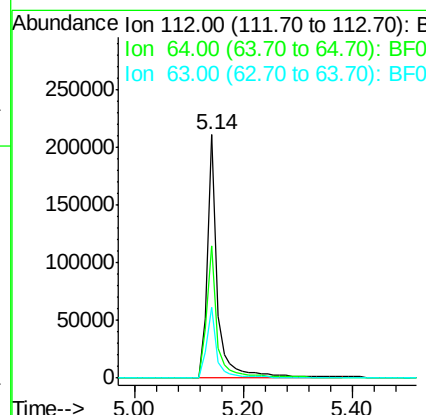
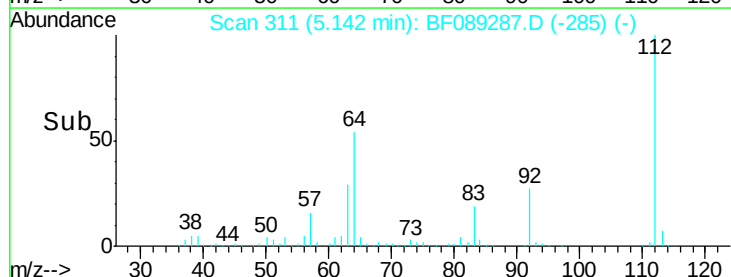
#5

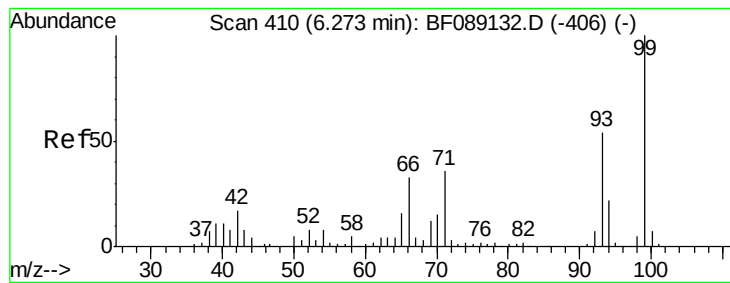
2-Fluorophenol
Concen: 84.79 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF089287.D
Acq: 25 Jul 2016 20:13

Tgt Ion:112 Resp: 274245
Ion Ratio Lower Upper
112 100
64 54.4 51.0 76.4
63 29.2 27.3 40.9



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: 83.93 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SW-1

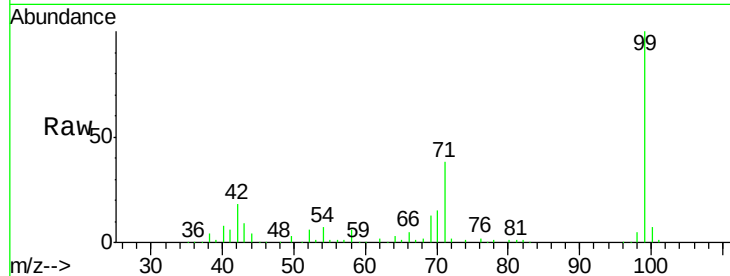
Tgt Ion: 99 Resp: 350047

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

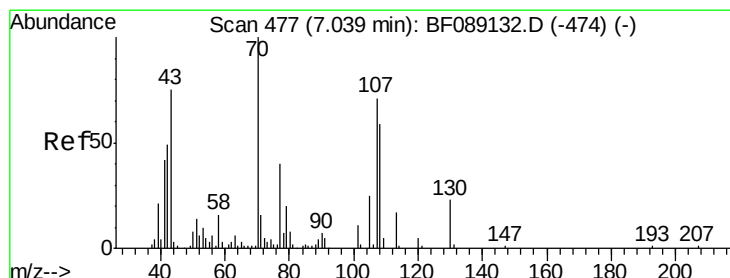
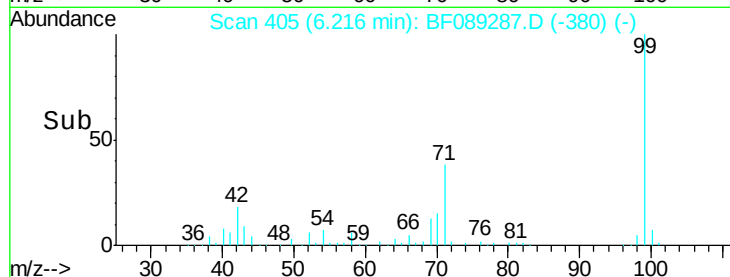
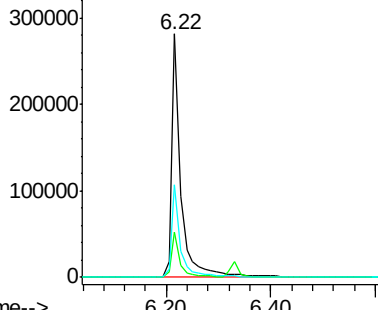
71 37.8 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.53 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

Tgt Ion: 70 Resp: 28739

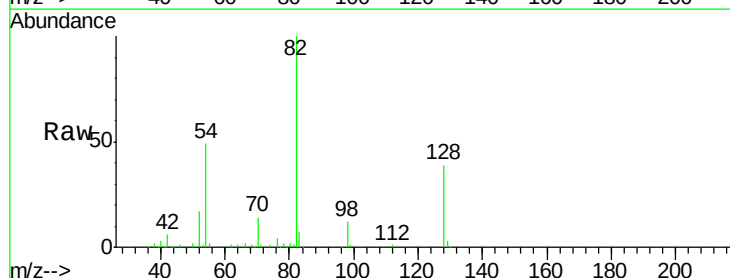
Ion Ratio Lower Upper

70 100

42 45.3 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#

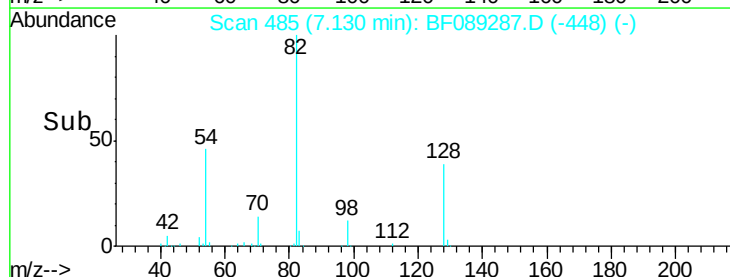
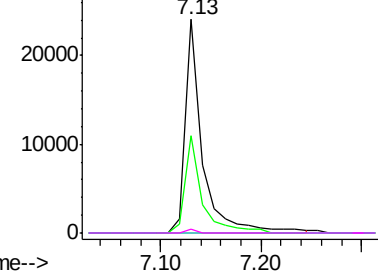


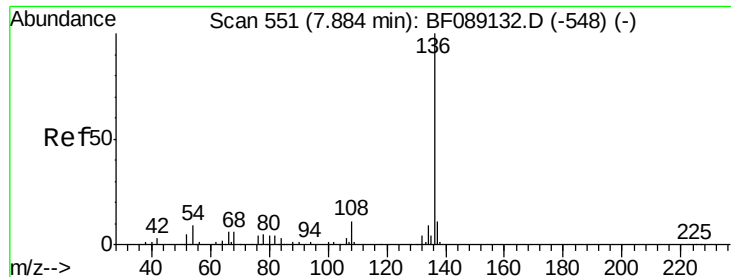
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SW-1

Tgt Ion:136 Resp: 187227

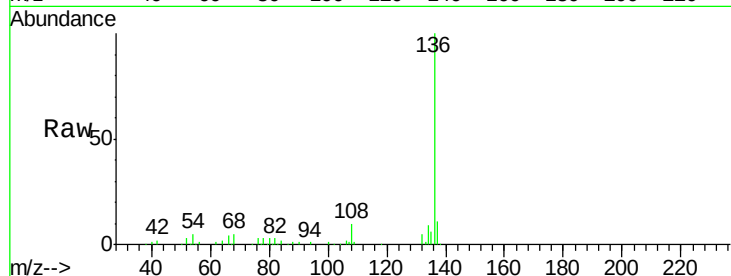
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.4 7.0 10.4#

68 4.6 5.0 7.6#

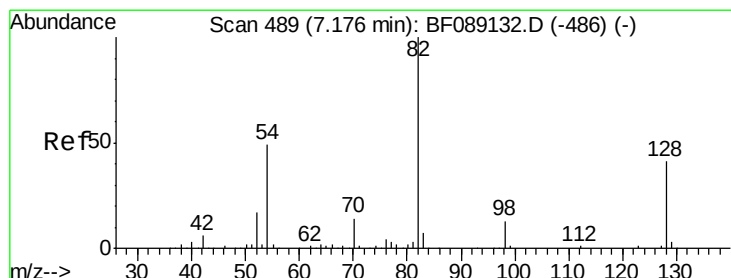
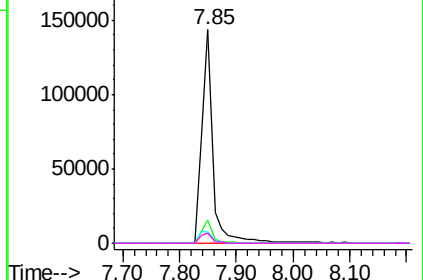
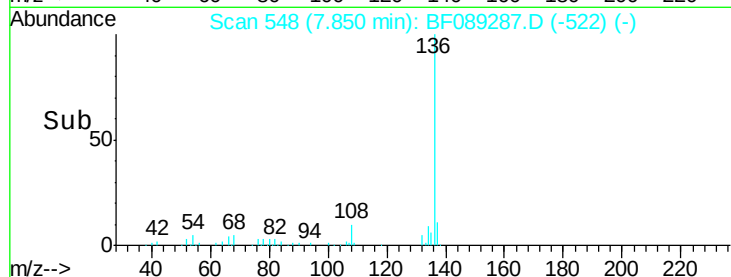


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.13 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

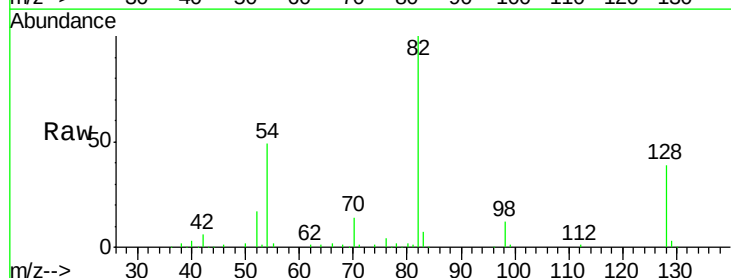
Tgt Ion: 82 Resp: 222451

Ion Ratio Lower Upper

82 100

128 38.9 33.0 49.6

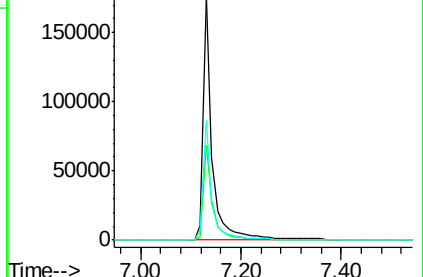
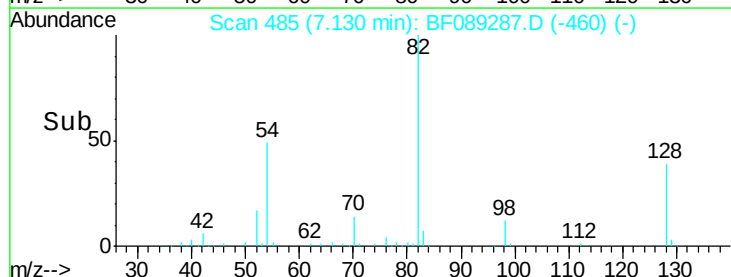
54 49.2 39.0 58.4

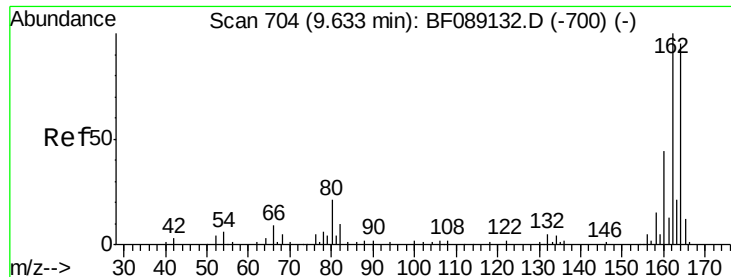


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

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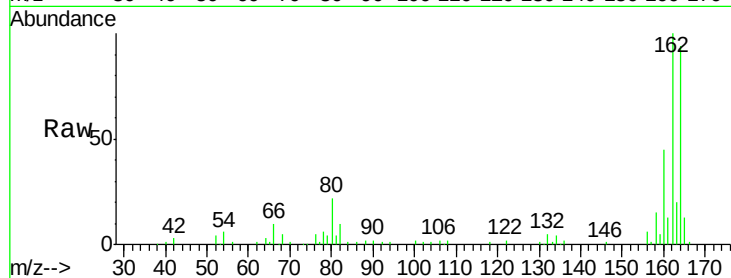
Tgt Ion:164 Resp: 82784

Ion Ratio Lower Upper

164 100

162 105.8 84.1 126.1

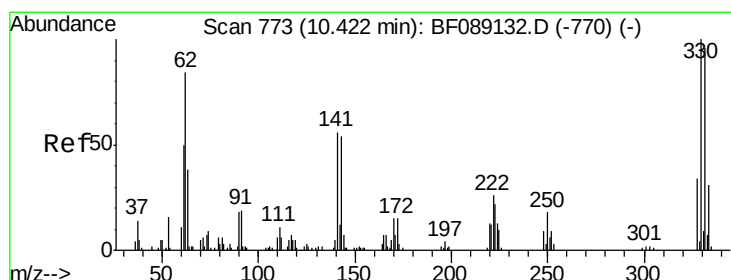
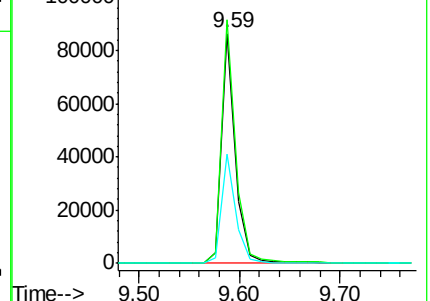
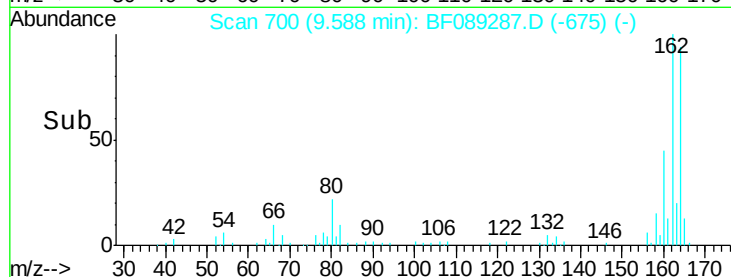
160 47.5 37.1 55.7



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: 77.84 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089287.D

Acq: 25 Jul 2016 20:13

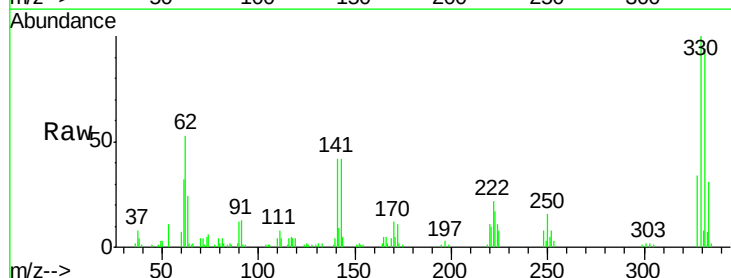
Tgt Ion:330 Resp: 58020

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

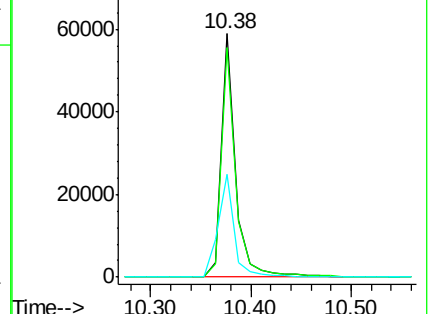
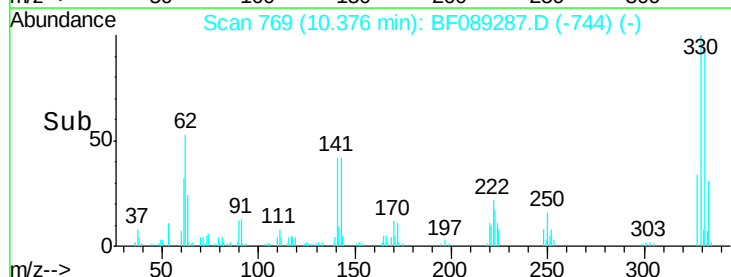
141 47.3 42.2 63.2

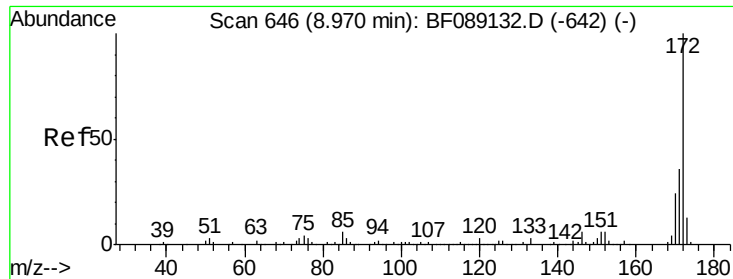


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

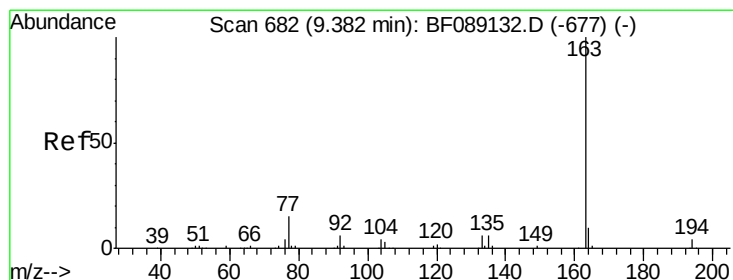
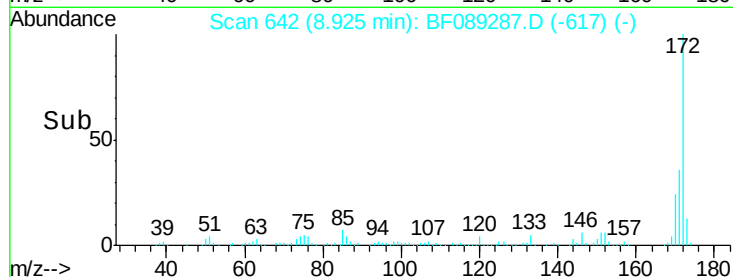
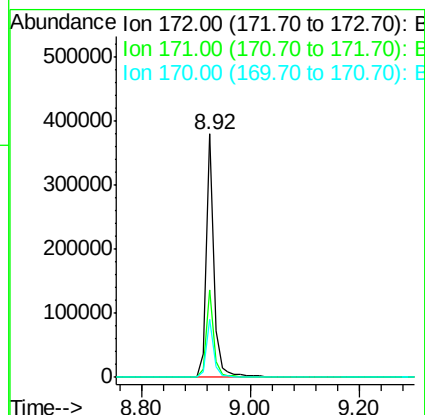
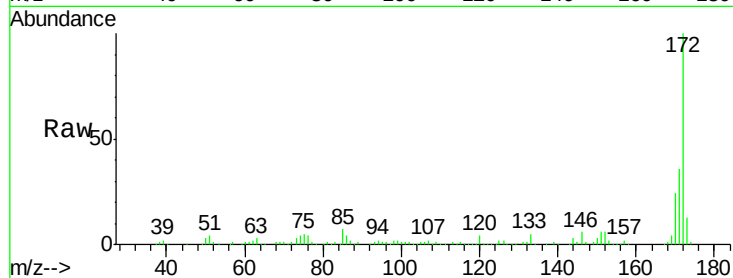




#44
 2-Fluorobiphenyl
 Concen: 61.56 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

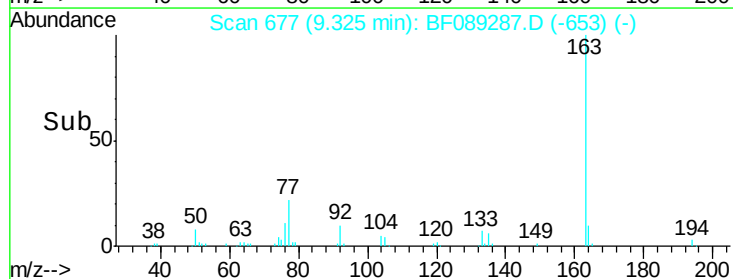
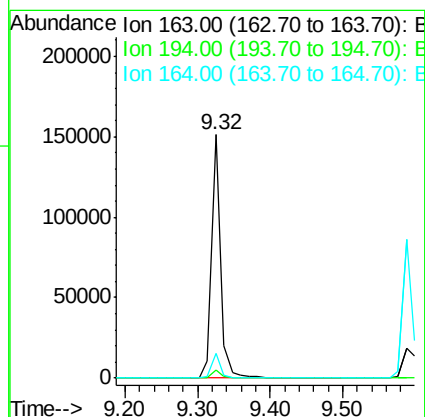
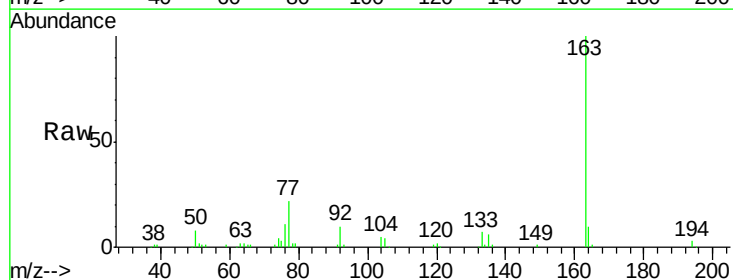
Instrument :
 BNA_F
 ClientSampled :
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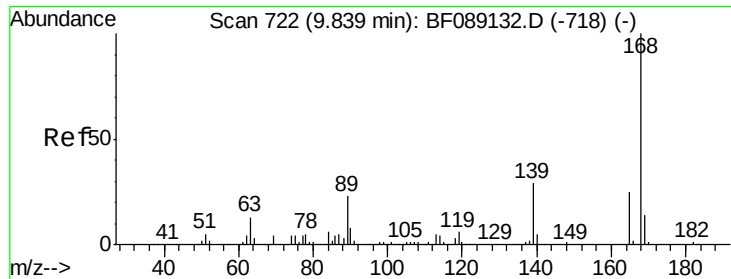
Tgt Ion:172 Resp: 369895
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.1 28.7



#49
 Dimethylphthalate
 Concen: 20.82 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Tgt Ion:163 Resp: 132252
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 10.1 7.6 11.4

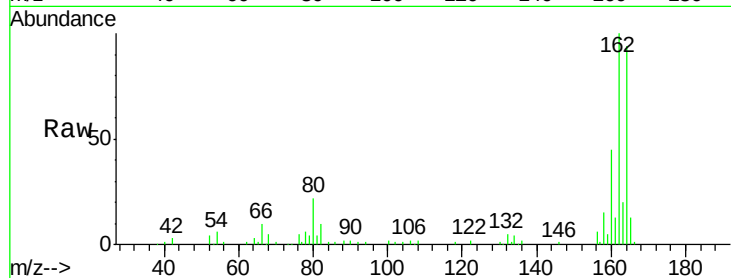




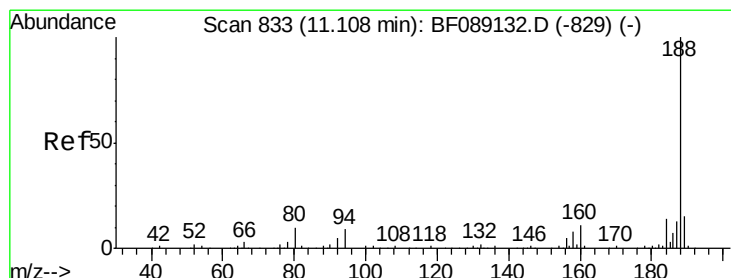
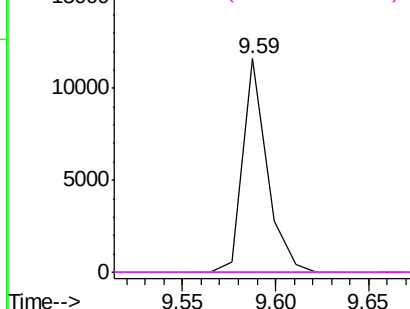
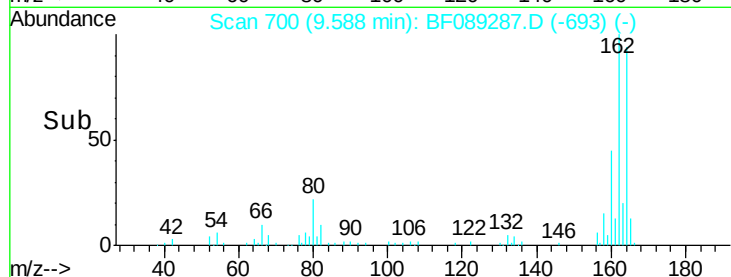
#56
 2,4-Dinitrotoluene
 Concen: 5.70 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tgt Ion:165 Resp: 10530
 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#

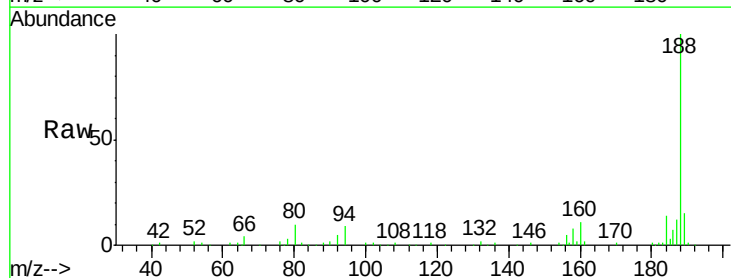


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

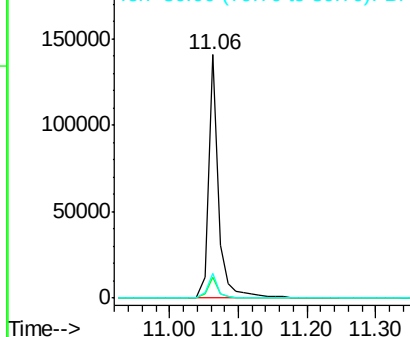
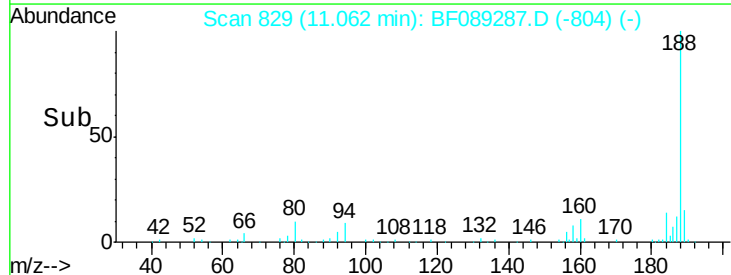


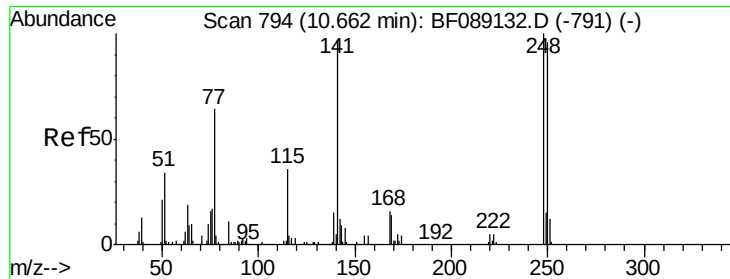
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Tgt Ion:188 Resp: 143215
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 10.2 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

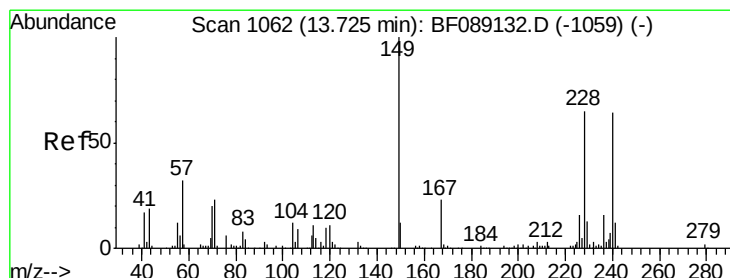
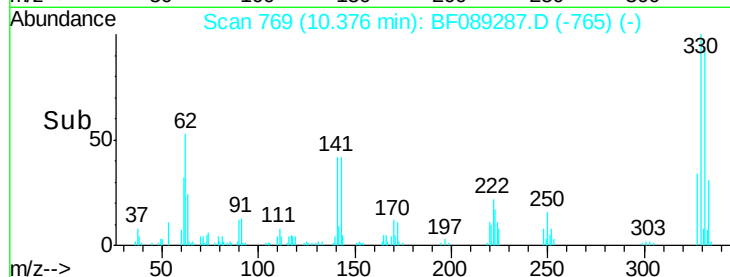
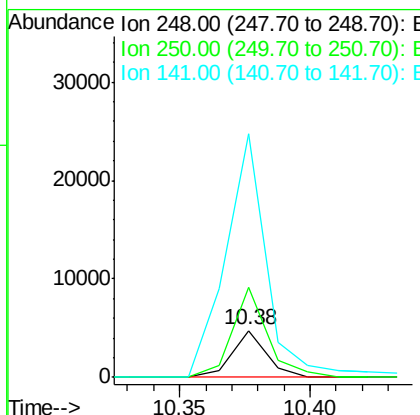
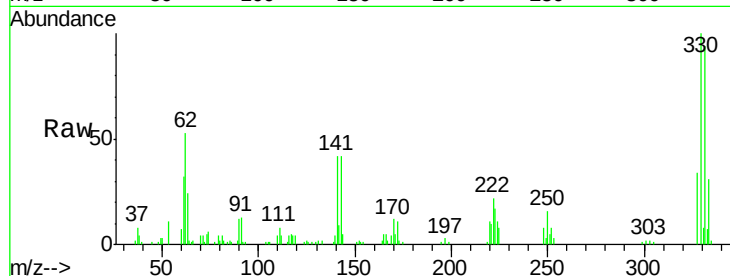




#66
 4-Bromophenyl-phenylether
 Concen: 3.10 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.25 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

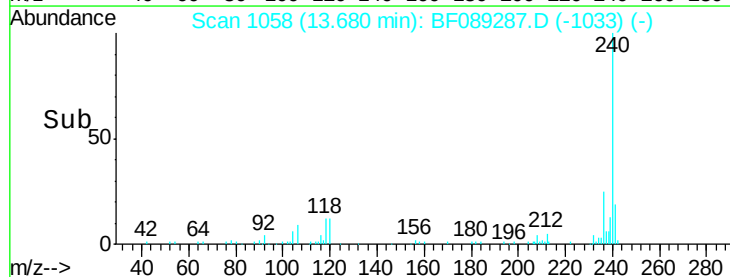
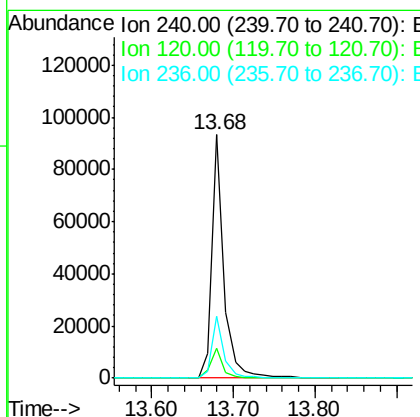
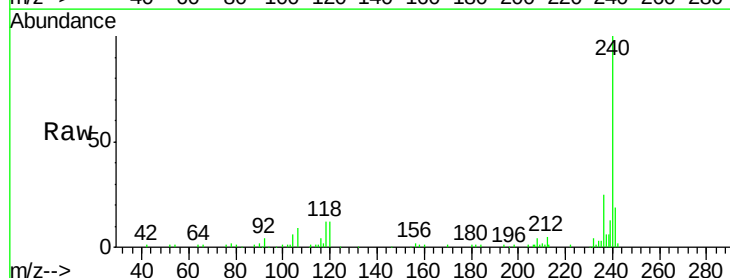
Instrument :
 BNA_F
 ClientSampleId :
 SW-1

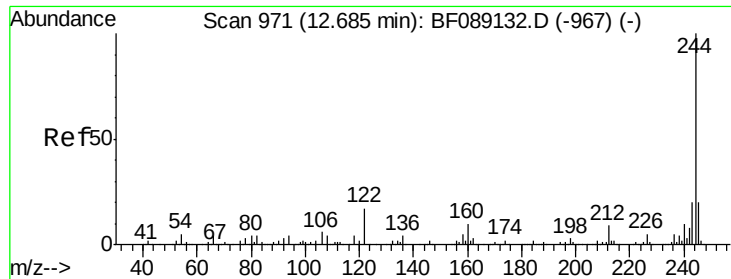
Tgt Ion: 248 Resp: 4399
 Ion Ratio Lower Upper
 248 100
 250 191.6 76.9 115.3#
 141 516.9 77.4 116.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Tgt Ion: 240 Resp: 97303
 Ion Ratio Lower Upper
 240 100
 120 12.4 13.6 20.4#
 236 25.4 20.5 30.7

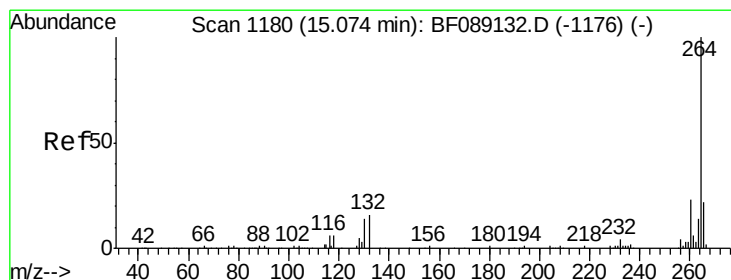
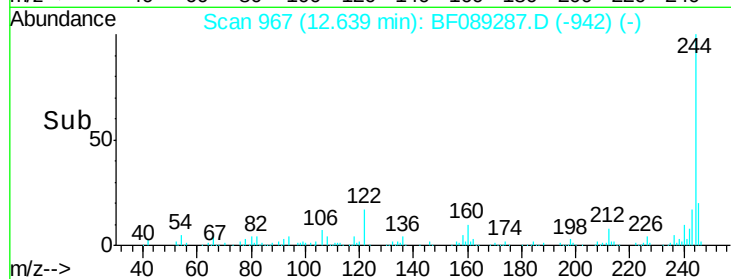
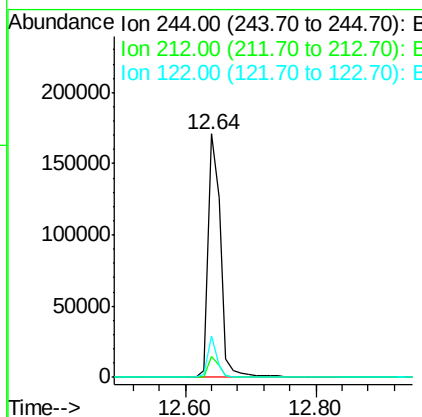
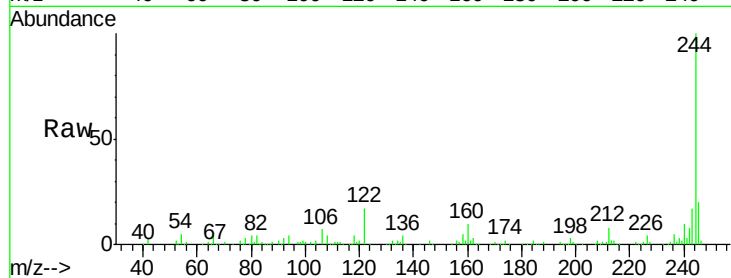




#78
 Terphenyl-d14
 Concen: 50.75 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SW-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	17.0	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089287.D
 Acq: 25 Jul 2016 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.6	17.3	25.9

