

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
 Data File : BF089033.D
 Acq On : 15 Jul 2016 23:33
 Operator : UM/SJ
 Sample : H4073-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-01

Quant Time: Jul 16 01:22:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 00:31:51 2016
 Response via : Initial Calibration

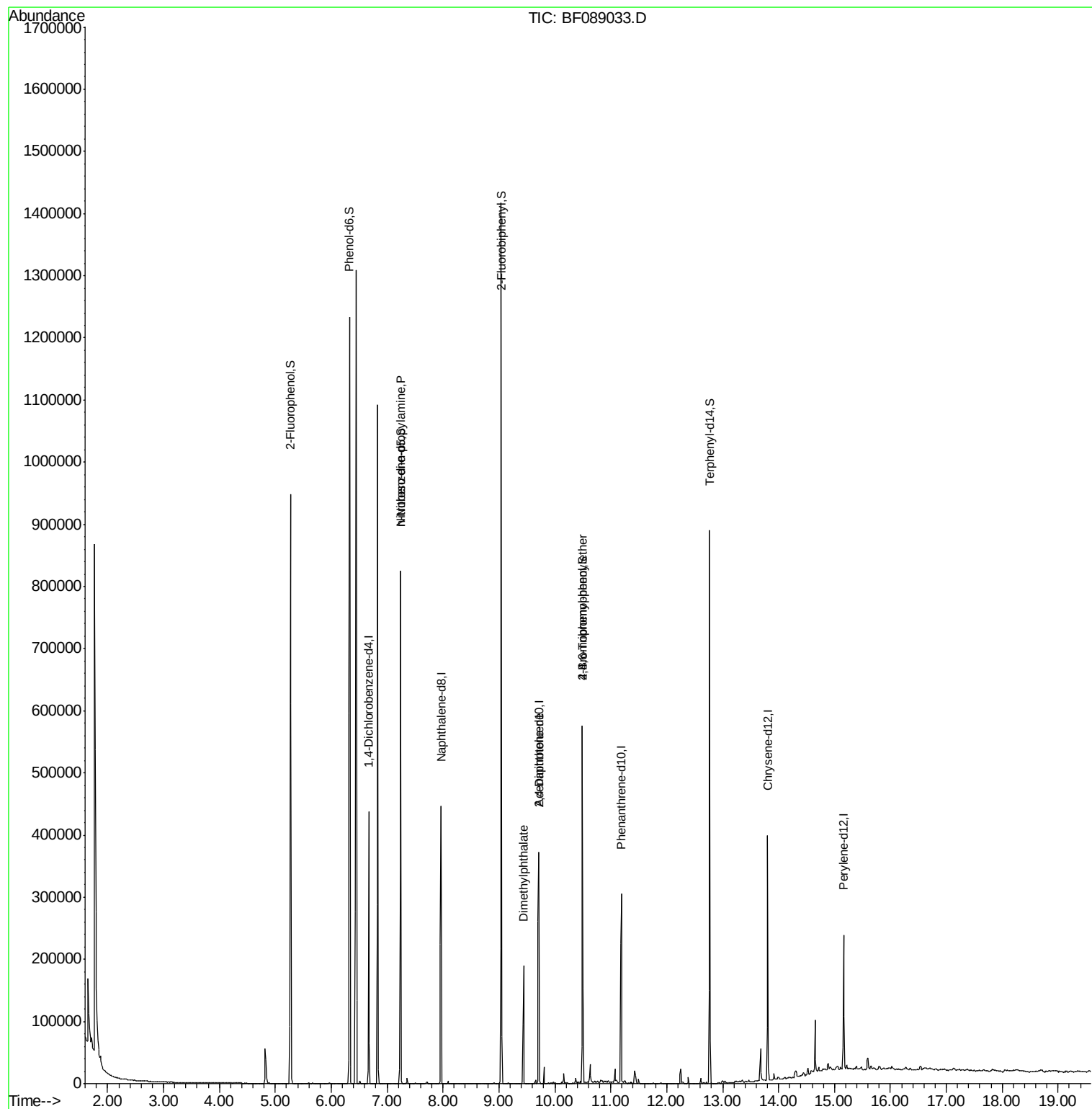
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	57665	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	234069	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	93585	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	146919	20.00	ng	0.00
75) Chrysene-d12	13.81	240	116907	20.00	ng	-0.01
86) Perylene-d12	15.17	264	82284	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	334380	86.90	ng	0.00
7) Phenol-d6	6.33	99	457730	92.07	ng	0.00
23) Nitrobenzene-d5	7.24	82	292341	65.45	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	55376	63.72	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	385980	65.15	ng	0.00
78) Terphenyl-d14	12.77	244	237291	45.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	39483	11.82	ng	# 71
49) Dimethylphthalate	9.44	163	91598	13.74	ng	99
56) 2,4-Dinitrotoluene	9.71	165	11604	6.01	ng	# 36
66) 4-Bromophenyl-phenylether	10.49	248	4324	2.92	ng	# 1

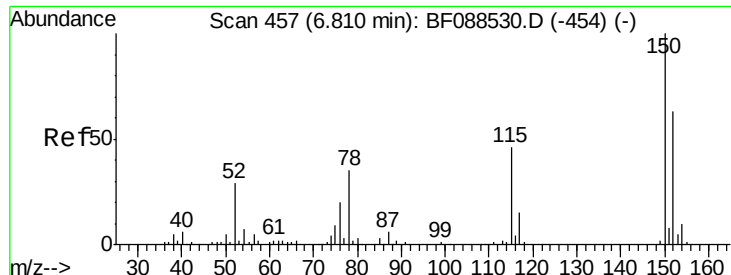
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF089033.D

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BNA_F

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TS-01

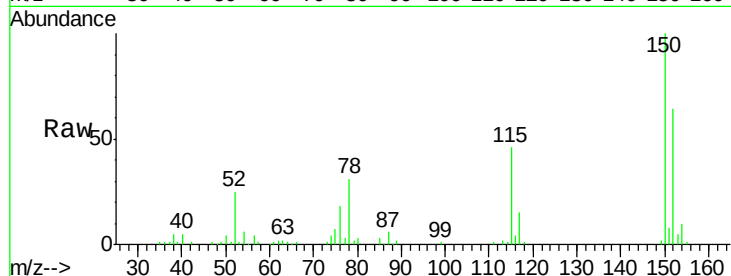
Tgt Ion:152 Resp: 57665

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

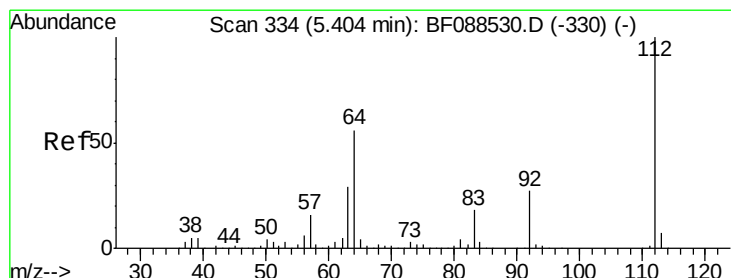
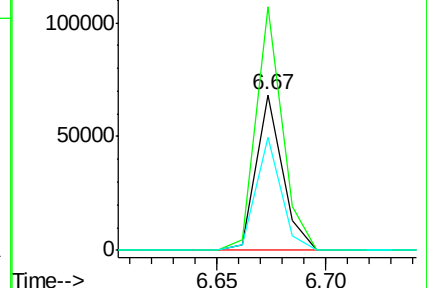
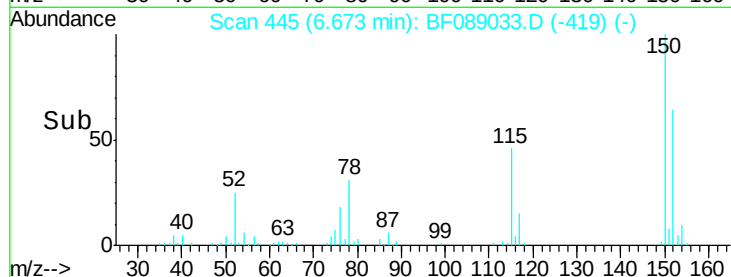
115 72.4 39.6 59.4#



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: 86.90 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

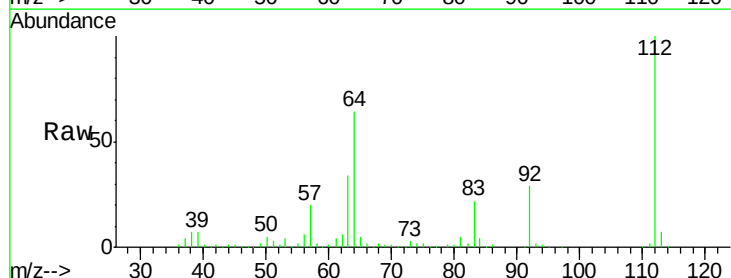
Tgt Ion:112 Resp: 334380

Ion Ratio Lower Upper

112 100

64 63.6 42.2 63.2#

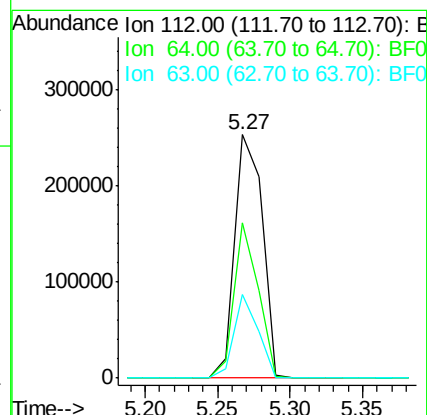
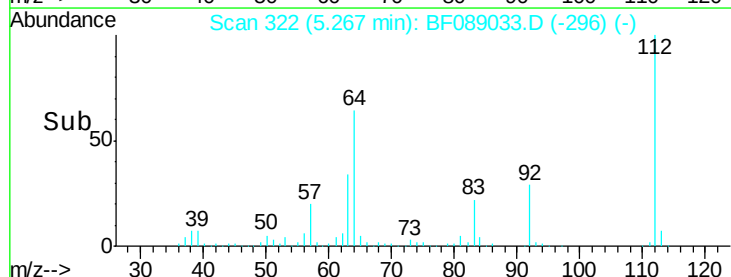
63 34.4 21.8 32.8#

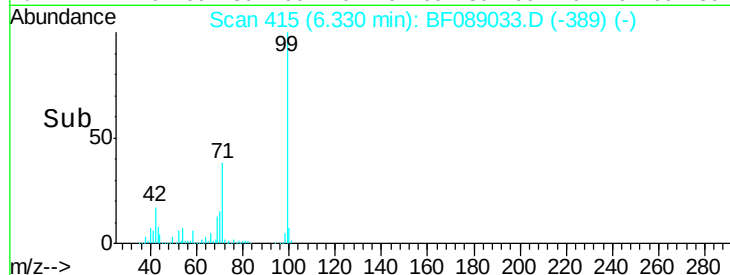
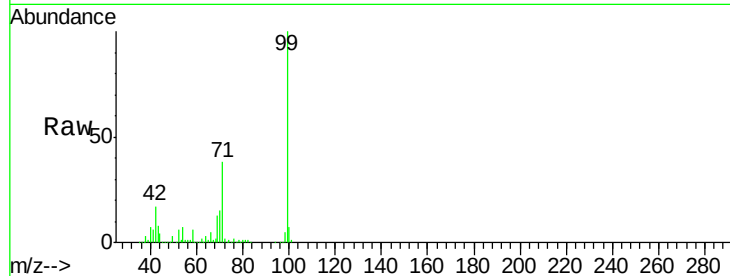
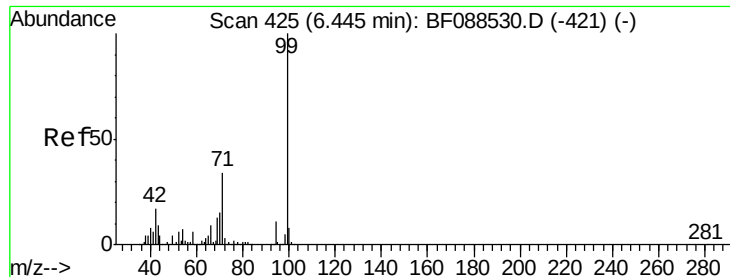


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.07 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

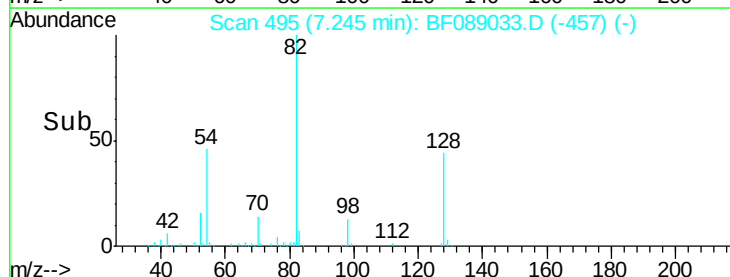
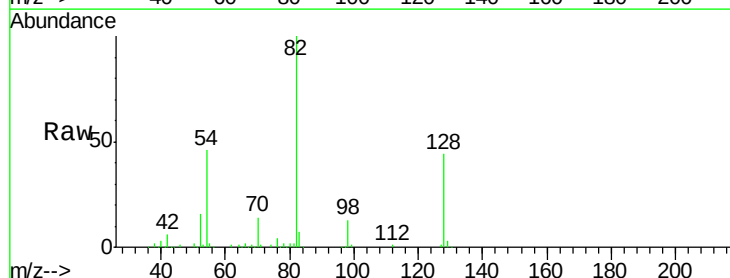
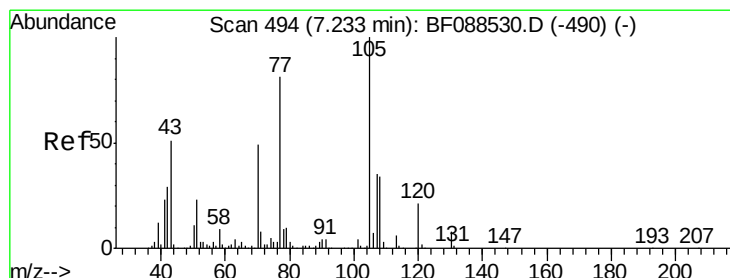
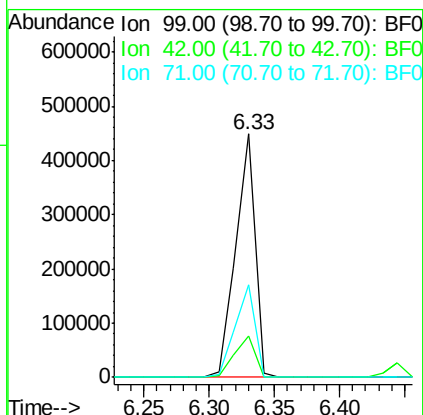
Tgt Ion: 99 Resp: 457730

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

71 37.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.82 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.14 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Tgt Ion: 70 Resp: 39483

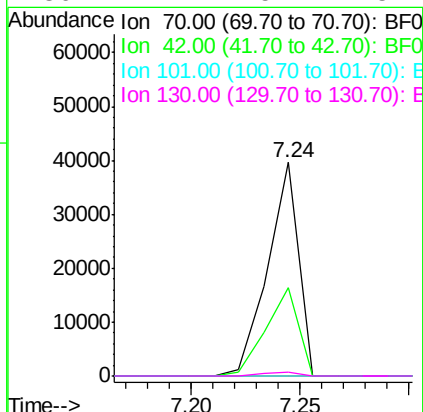
Ion Ratio Lower Upper

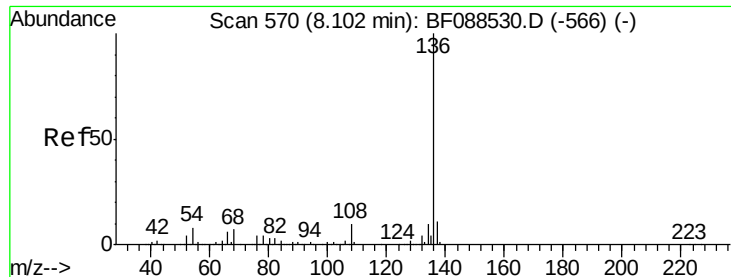
70 100

42 41.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

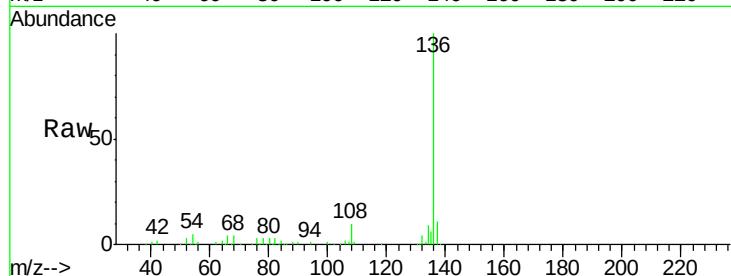




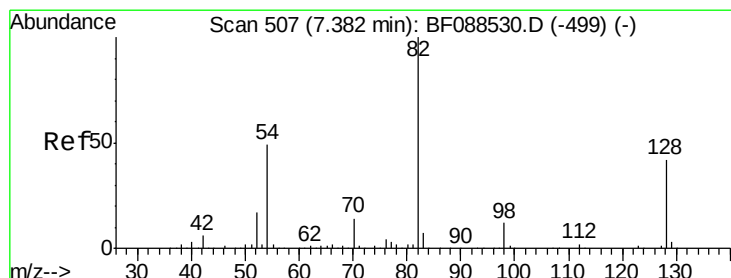
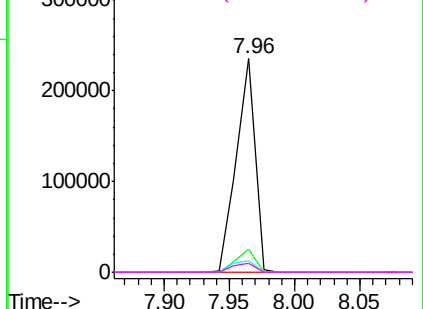
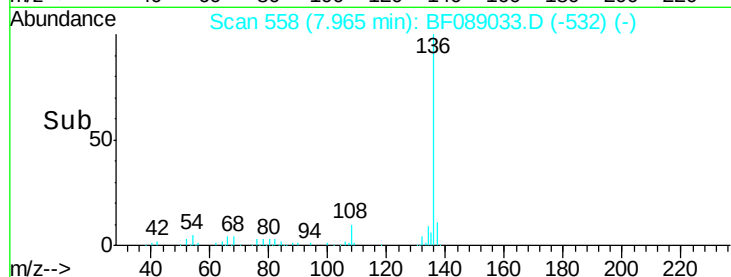
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF089033.D
Acq: 15 Jul 2016 23:33

Instrument :
BNA_F
ClientSampleId :
TS-01

Tgt Ion:	136	Resp:	234069
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.5	6.6	10.0#
68	4.2	5.1	7.7#

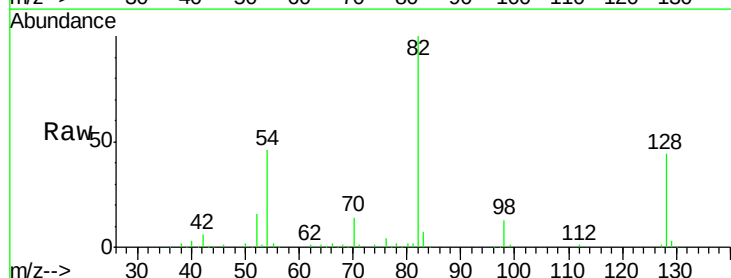


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

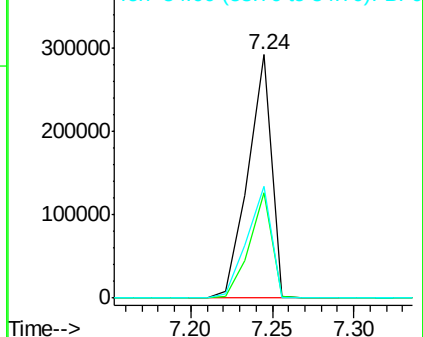
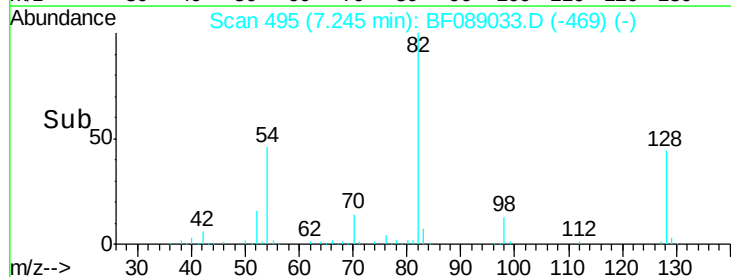


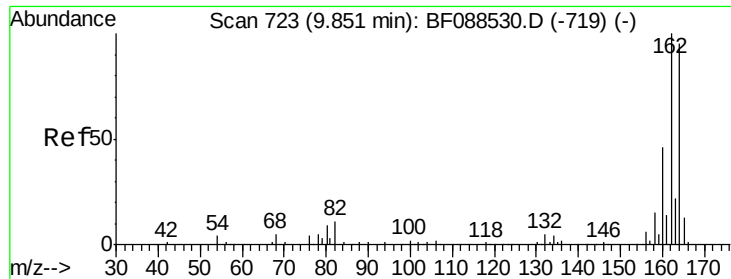
#23
Nitrobenzene-d5
Concen: 65.45 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF089033.D
Acq: 15 Jul 2016 23:33

Tgt Ion:	82	Resp:	292341
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.9	53.9
54	46.1	40.9	61.3



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

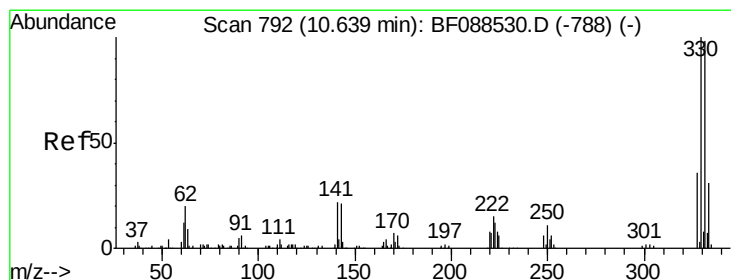
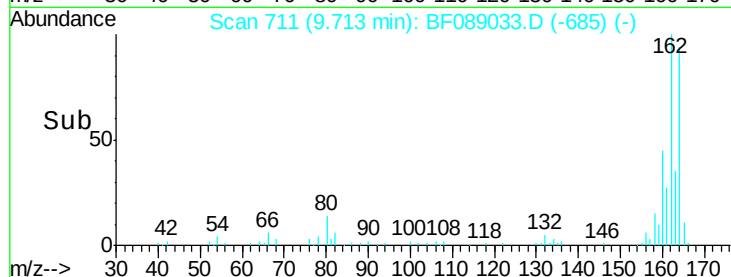
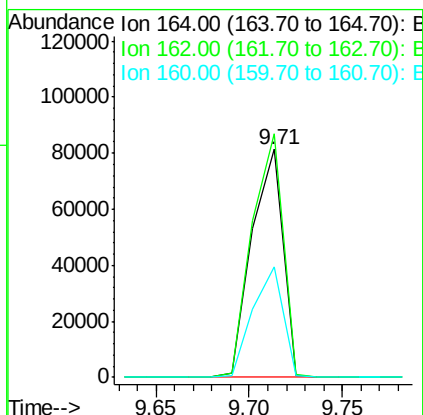
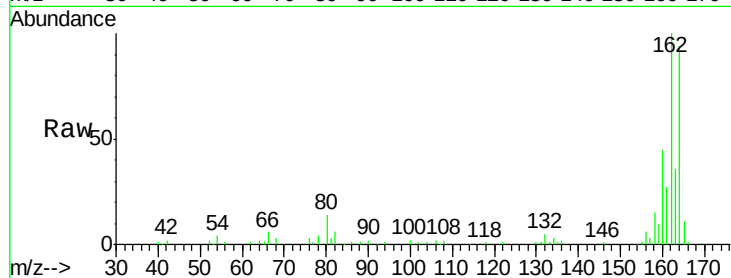




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

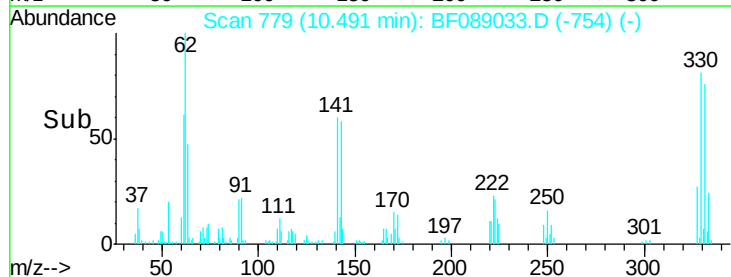
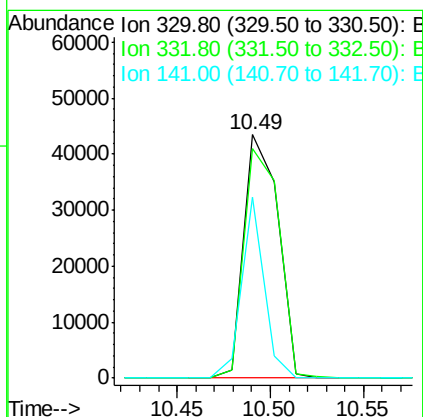
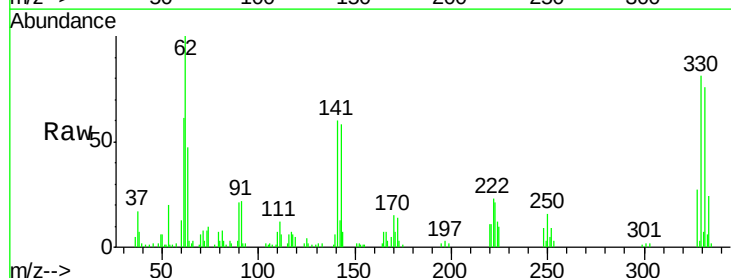
Instrument :
 BNA_F
 ClientSampleId :
 TS-01

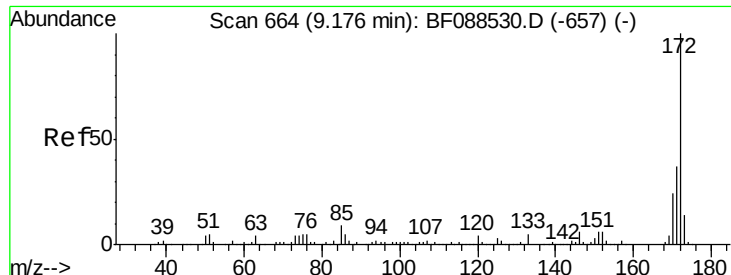
Tgt Ion:164 Resp: 93585
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.4 128.2
 160 48.5 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 63.72 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Tgt Ion:330 Resp: 55376
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 49.2 0.0 0.0#

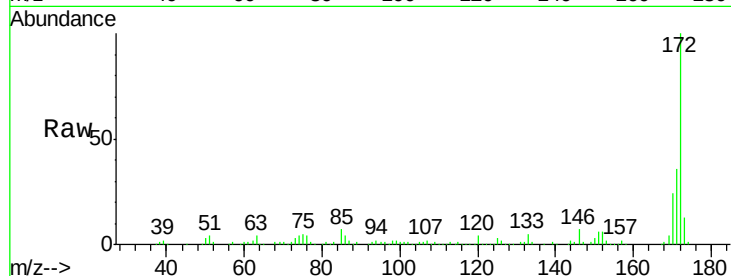




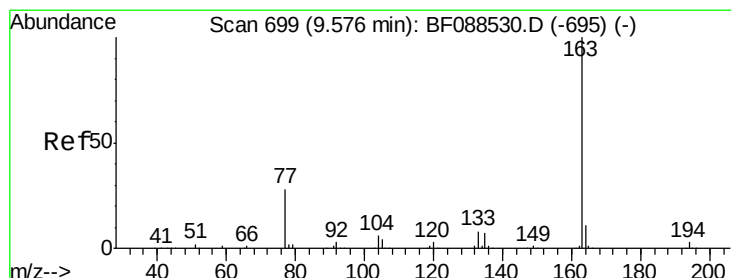
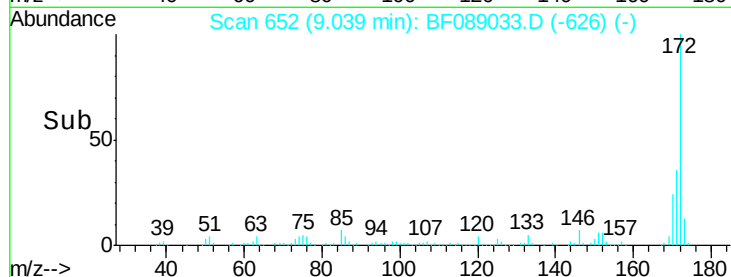
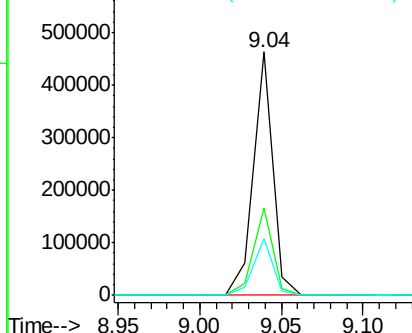
#44
 2-Fluorobiphenyl
 Concen: 65.15 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 TS-01

Tgt Ion:172 Resp: 385980
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.5 19.2 28.8

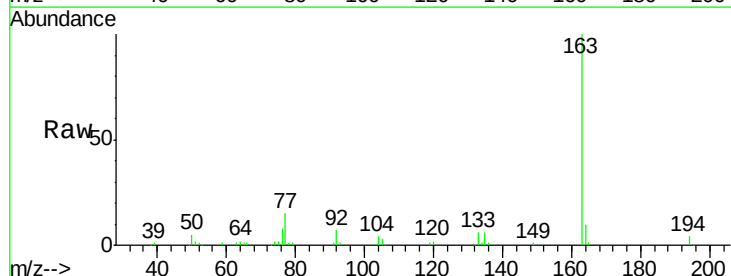


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

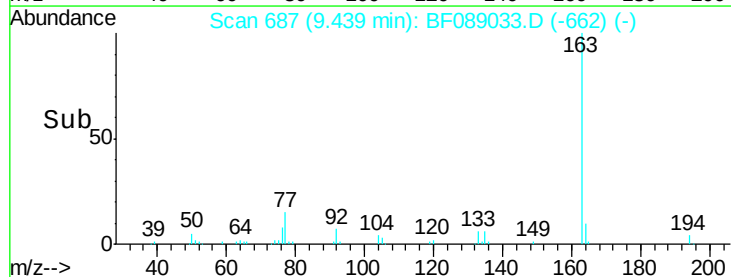
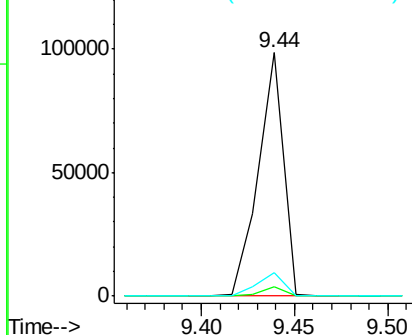


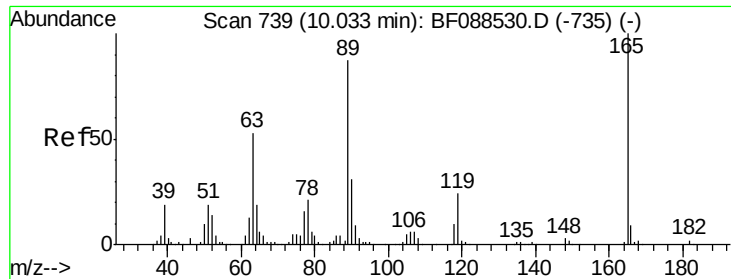
#49
 Dimethylphthalate
 Concen: 13.74 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Tgt Ion:163 Resp: 91598
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.7 8.3 12.5



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

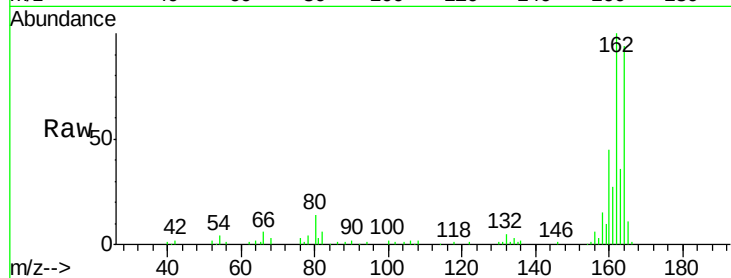




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.19 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 TS-01

Tgt Ion:	165	Resp:	11604
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

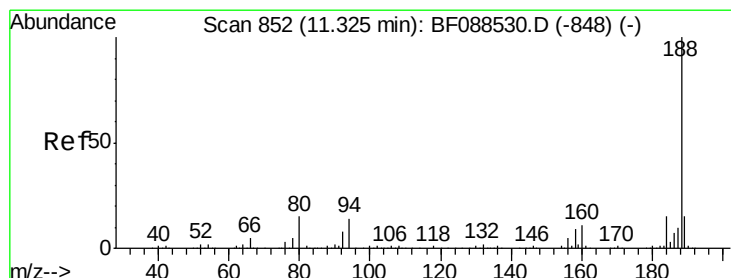
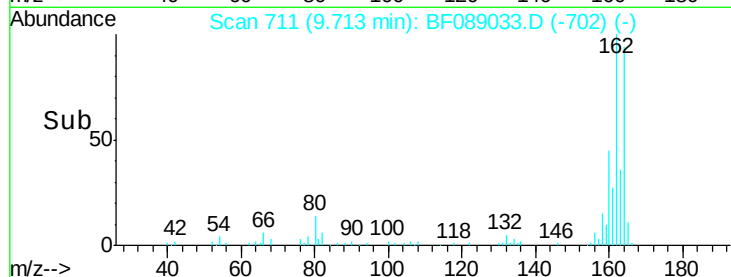
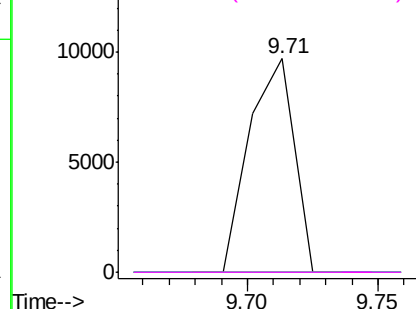


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

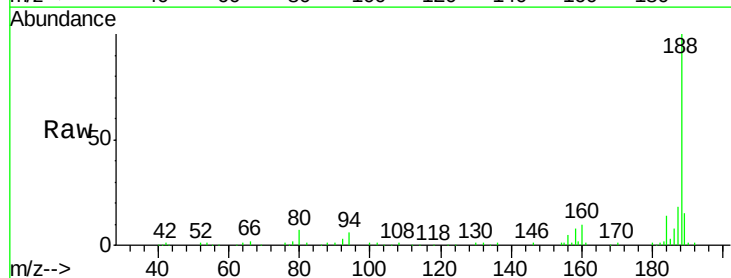
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089033.D
 Acq: 15 Jul 2016 23:33

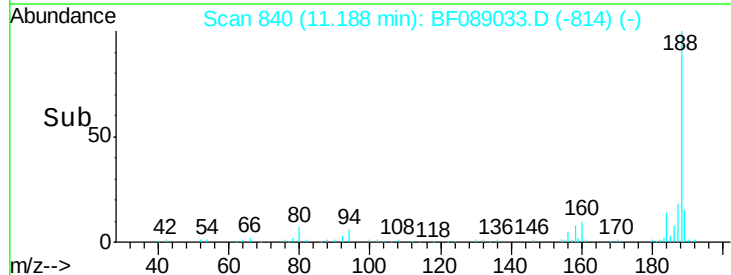
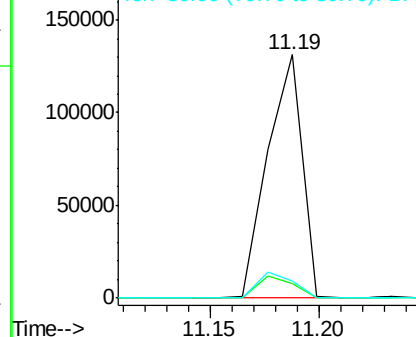
Tgt Ion:	188	Resp:	146919
Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.6#
80	7.0	10.0	15.0#

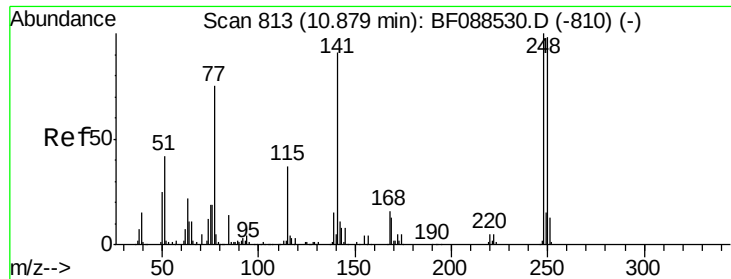


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

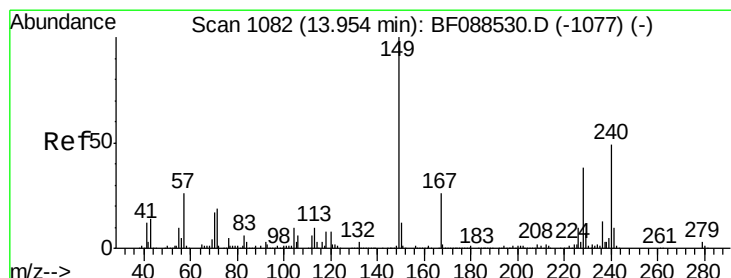
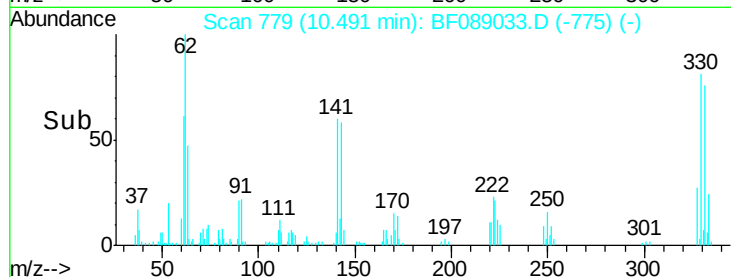
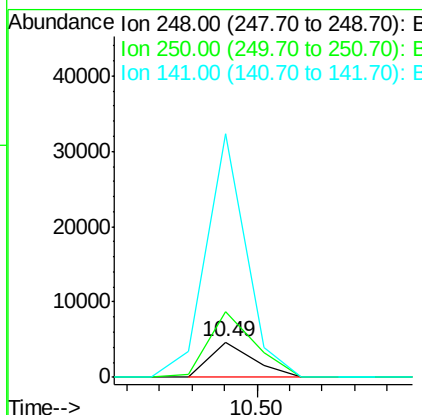
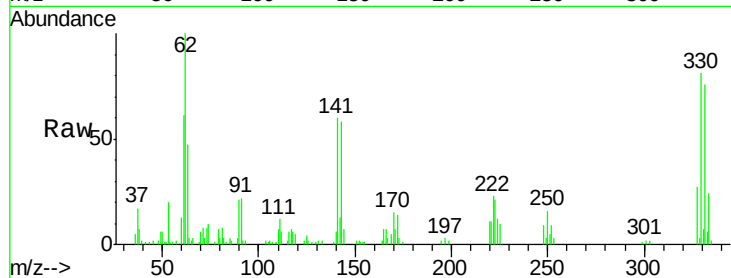




#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.25 min
Lab File: BF089033.D
Acq: 15 Jul 2016 23:33

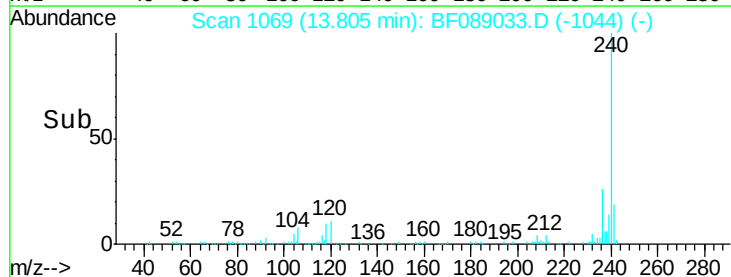
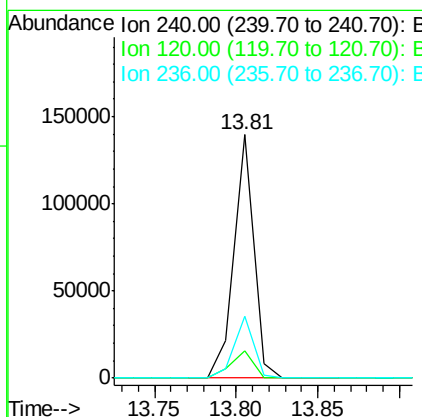
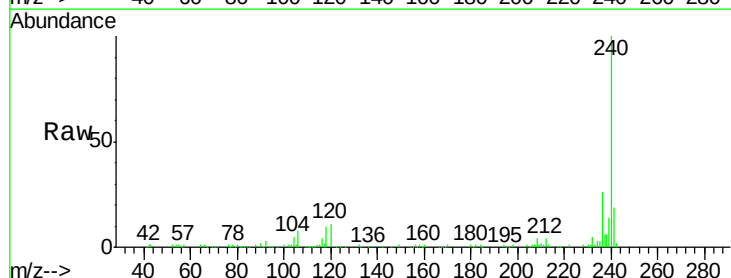
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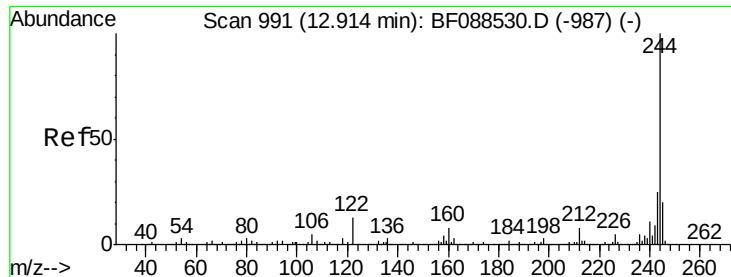
Tgt Ion:248 Resp: 4324
Ion Ratio Lower Upper
248 100
250 188.3 77.1 115.7#
141 694.7 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF089033.D
Acq: 15 Jul 2016 23:33

Tgt Ion:240 Resp: 116907
Ion Ratio Lower Upper
240 100
120 11.4 6.8 10.2#
236 25.6 20.2 30.2





#78

Terphenyl-d14

Concen: 45.21 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

Instrument :

BNA_F

ClientSampleId :

TS-01

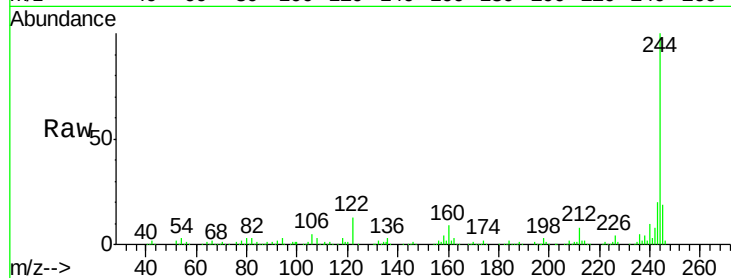
Tgt Ion:244 Resp: 237291

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

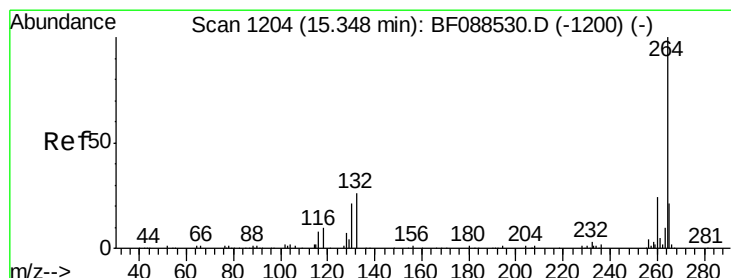
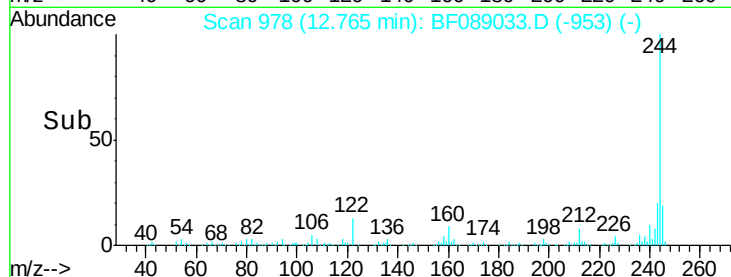
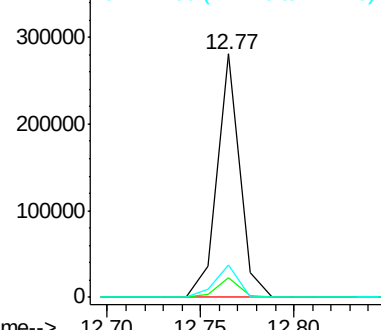
122 13.4 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF089033.D

Acq: 15 Jul 2016 23:33

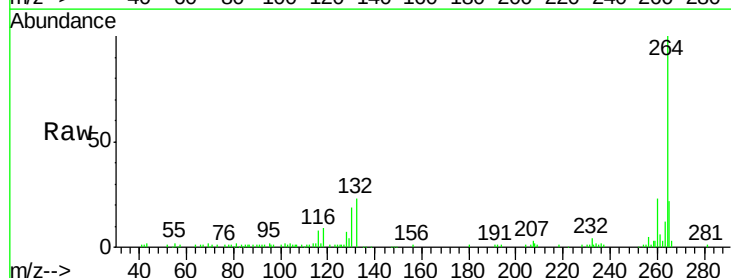
Tgt Ion:264 Resp: 82284

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 16.9 25.3



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

