

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089545.D
 Acq On : 2 Aug 2016 14:13
 Operator : UM/SJ
 Sample : H4269-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-14.0-15.0

Quant Time: Aug 03 01:03:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

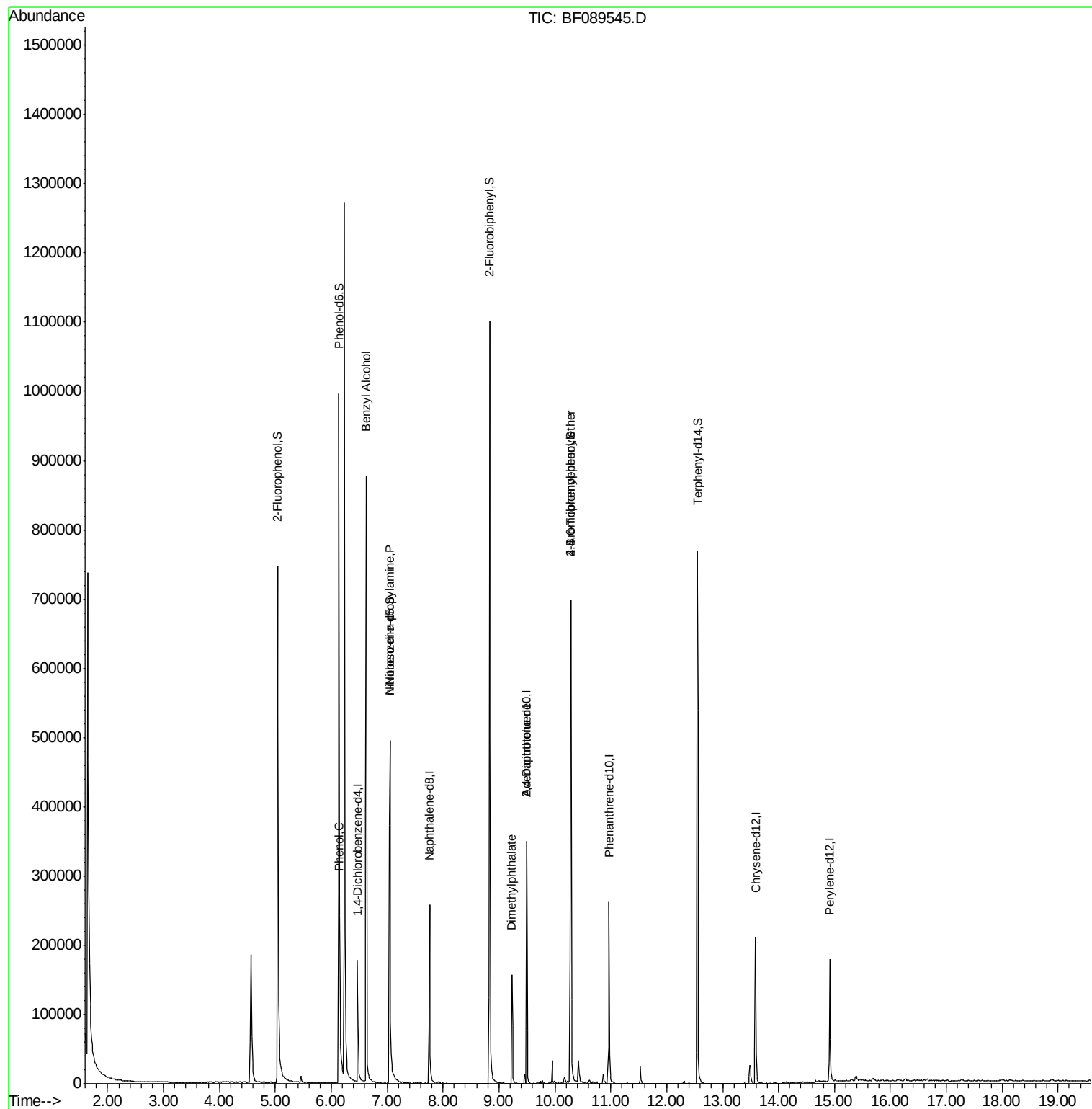
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	37813	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	150754	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	69070	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	114732	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	82398	20.00	ng	-0.08
86) Perylene-d12	14.91	264	74967	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	335933	141.85	ng	-0.07
7) Phenol-d6	6.14	99	447114	142.86	ng	-0.07
23) Nitrobenzene-d5	7.05	82	280380	109.78	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	74671	130.53	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	435467	92.53	ng	-0.08
78) Terphenyl-d14	12.55	244	325653	92.50	ng	-0.08
Target Compounds						
10) Phenol	6.15	94	7475	2.16	ng	# 39
15) Benzyl Alcohol	6.63	79	4590	2.36	ng	# 49
19) n-Nitroso-di-n-propylamine	7.05	70	35548	18.84	ng	# 76
49) Dimethylphthalate	9.23	163	79537	15.13	ng	97
56) 2,4-Dinitrotoluene	9.50	165	8547	6.01	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5472	5.00	ng	# 1

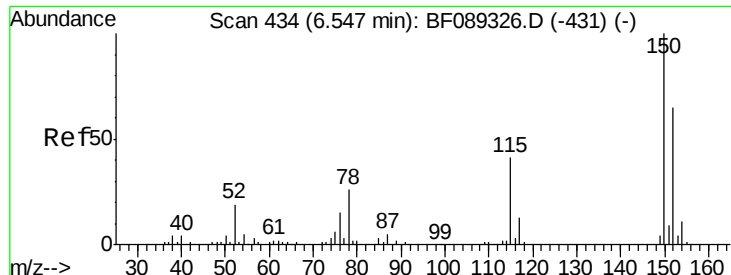
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.08 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-52-14.0-15.0

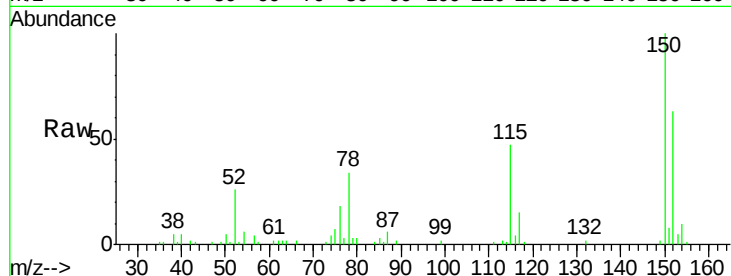
Tgt Ion:152 Resp: 37813

Ion Ratio Lower Upper

152 100

150 159.9 129.5 194.3

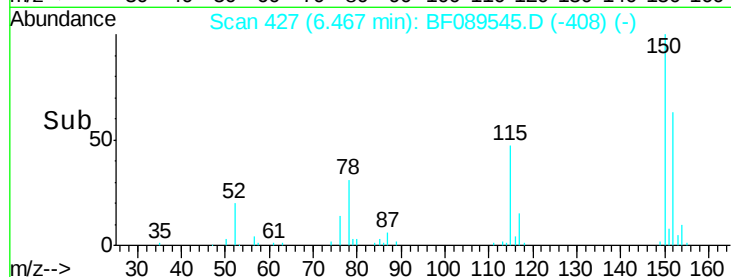
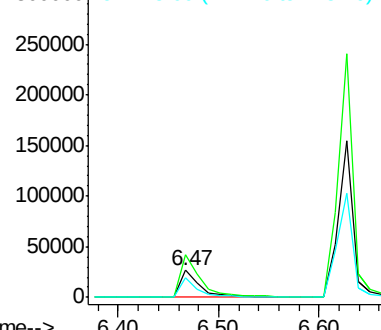
115 74.8 51.4 77.2



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: 141.85 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

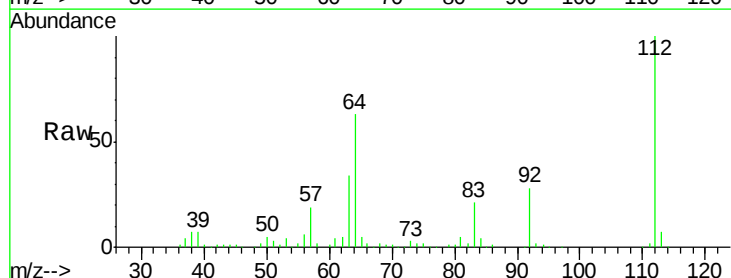
Tgt Ion:112 Resp: 335933

Ion Ratio Lower Upper

112 100

64 62.6 55.0 82.6

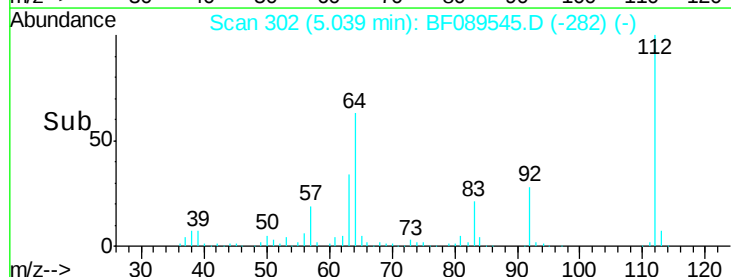
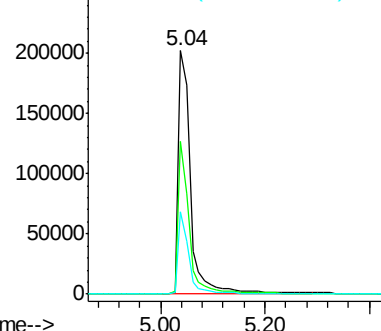
63 33.9 29.4 44.2



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: 142.86 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-52-14.0-15.0

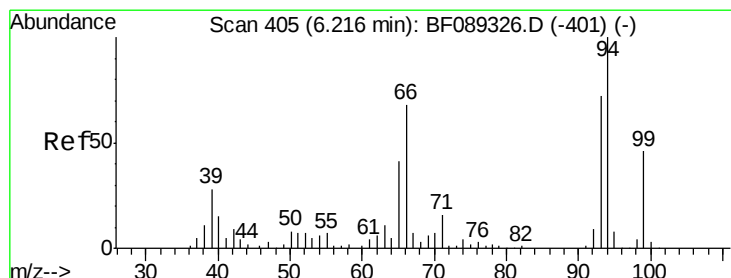
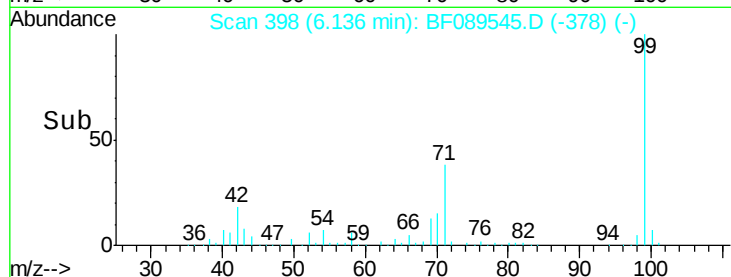
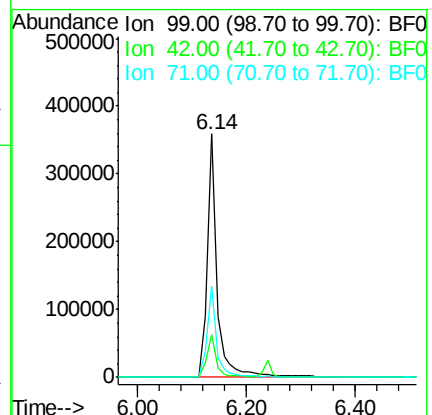
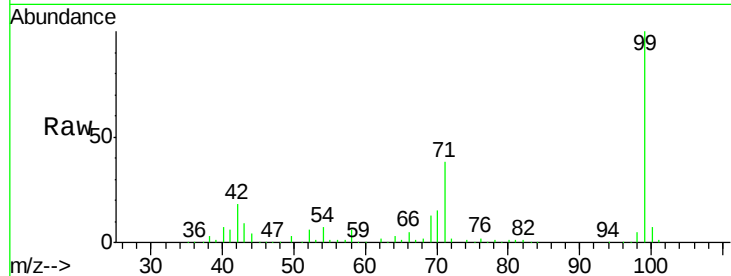
Tgt Ion: 99 Resp: 447114

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

71 37.7 29.4 44.2



#10

Phenol

Concen: 2.16 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.07 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

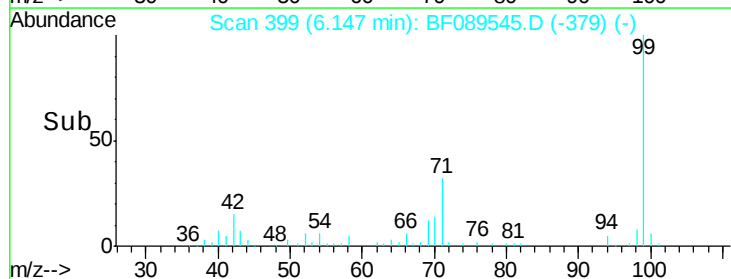
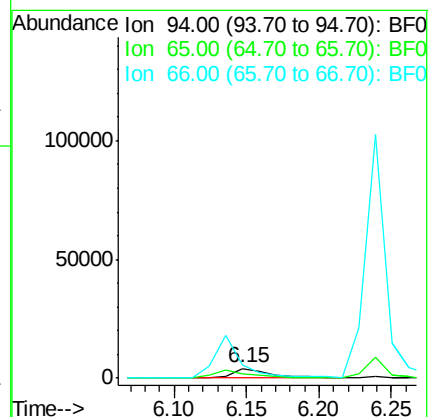
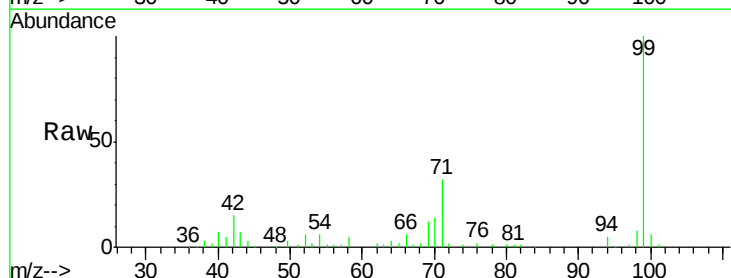
Tgt Ion: 94 Resp: 7475

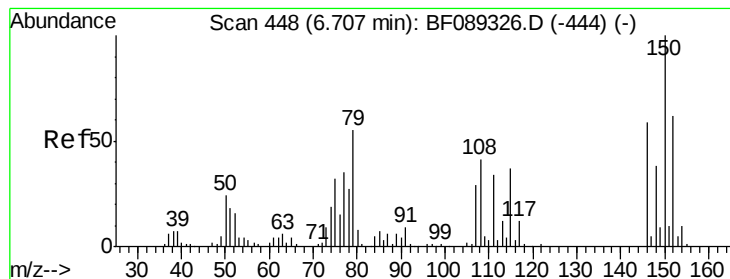
Ion Ratio Lower Upper

94 100

65 43.6 19.1 59.1

66 137.6 44.4 84.4#





#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-52-14.0-15.0

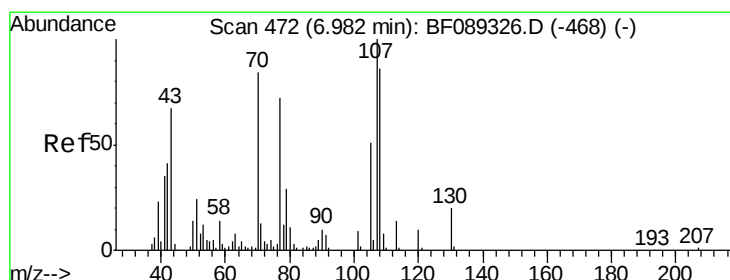
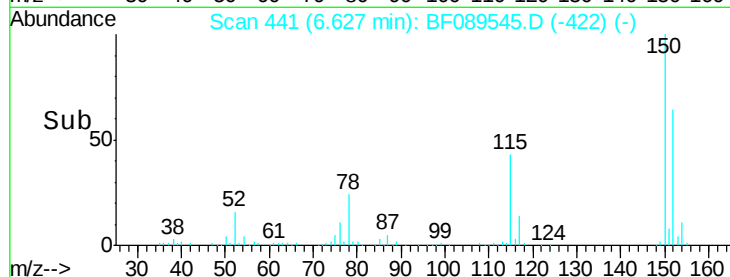
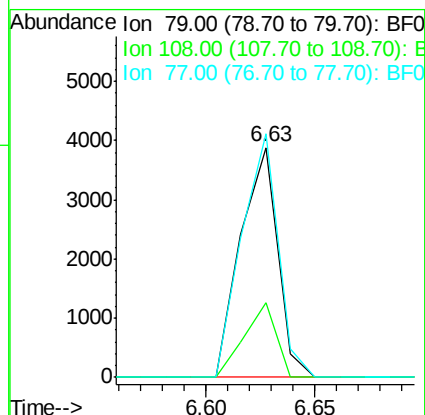
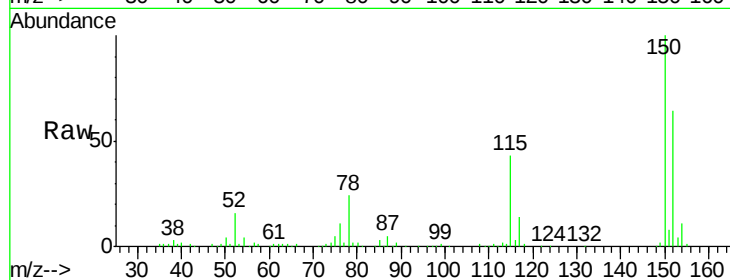
Tgt Ion: 79 Resp: 4590

Ion Ratio Lower Upper

79 100

108 32.6 59.8 89.6#

77 105.8 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 18.84 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

Tgt Ion: 70 Resp: 35548

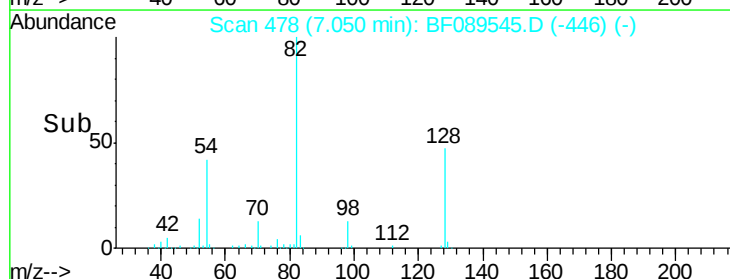
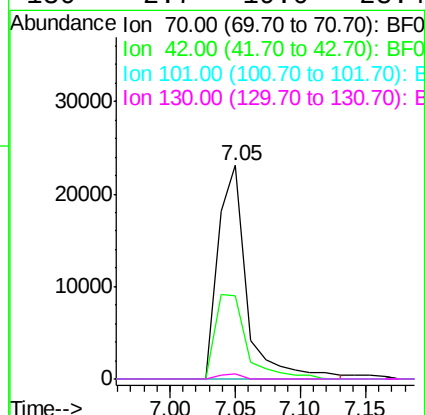
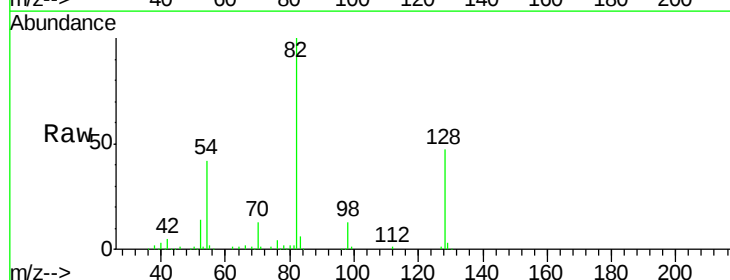
Ion Ratio Lower Upper

70 100

42 39.0 38.6 57.8

101 0.0 8.3 12.5#

130 2.7 19.0 28.4#

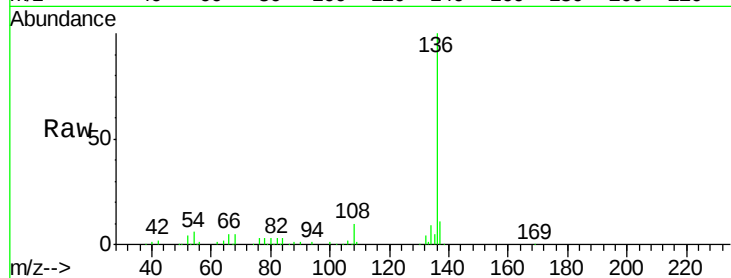




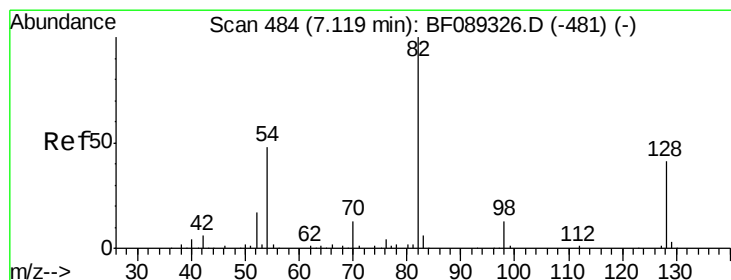
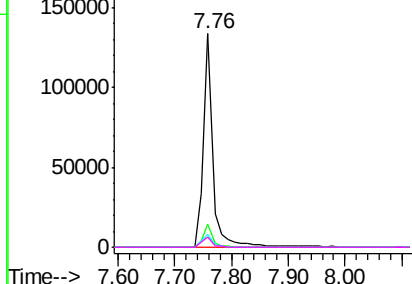
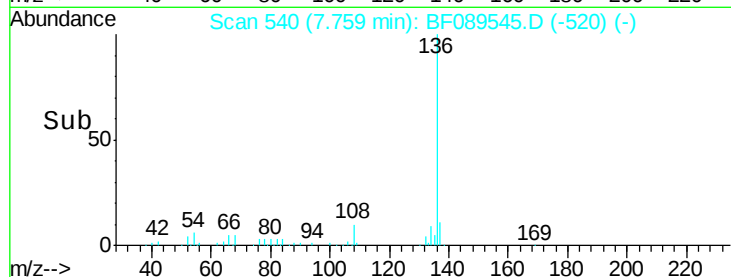
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089545.D
Acq: 2 Aug 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SB-52-14.0-15.0

Tgt Ion:	136	Resp:	150754
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.2	7.0	10.4#
68	4.7	4.9	7.3#

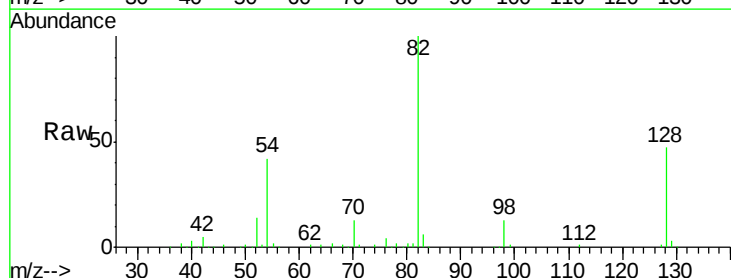


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

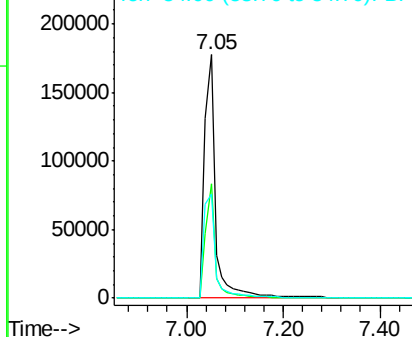
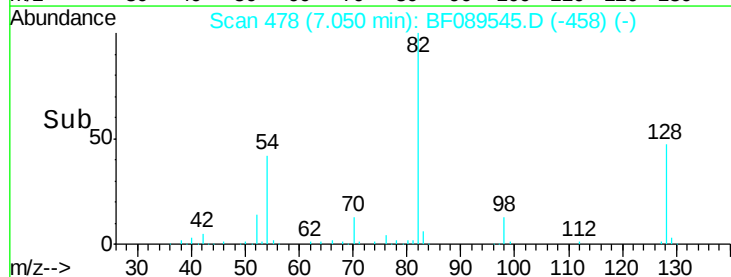


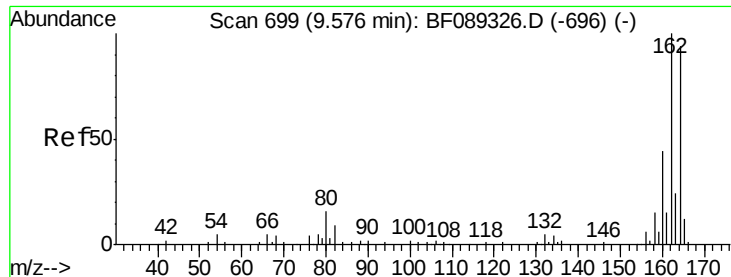
#23
Nitrobenzene-d5
Concen: 109.78 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089545.D
Acq: 2 Aug 2016 14:13

Tgt Ion:	82	Resp:	280380
Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.5	48.7
54	42.5	38.8	58.2



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

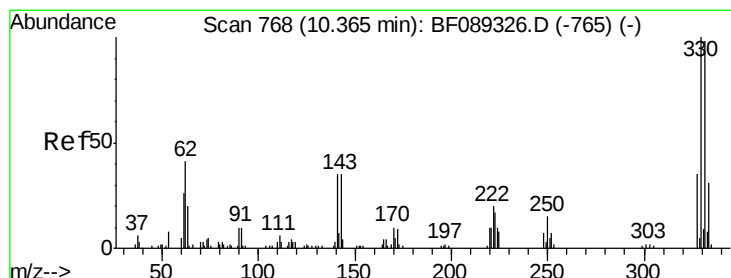
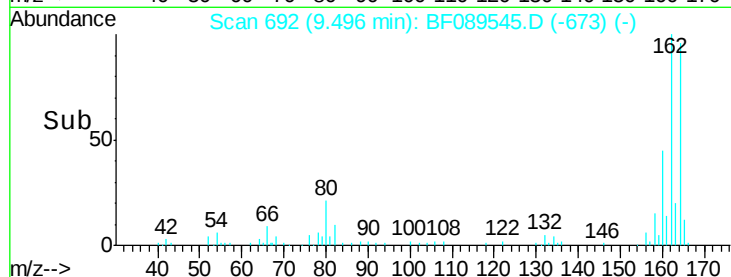
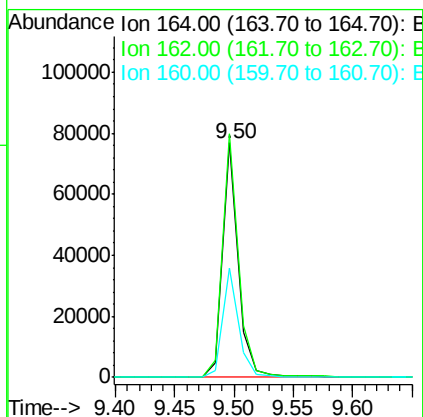
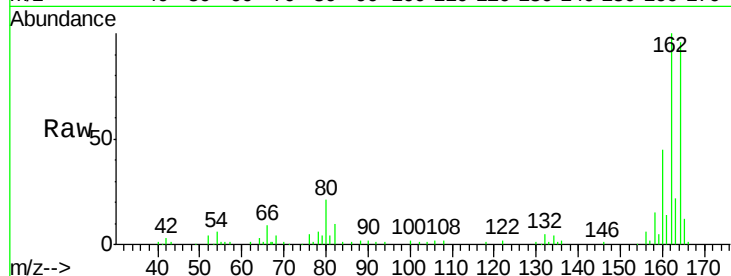




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

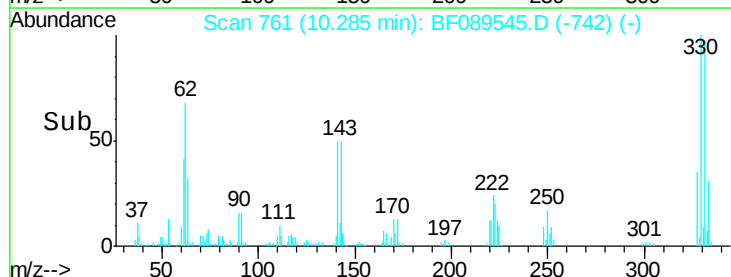
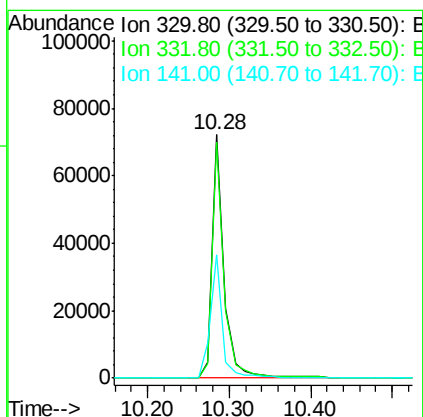
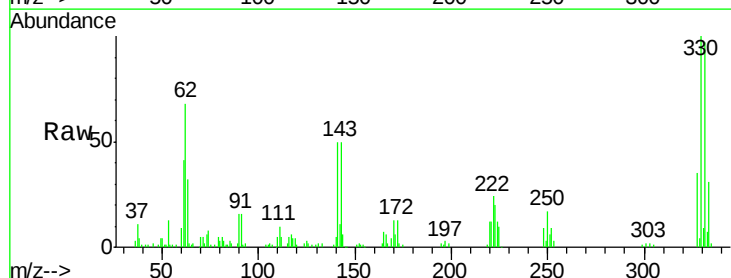
Instrument :
 BNA_F
 ClientSampleId :
 SB-52-14.0-15.0

Tgt Ion:164 Resp: 69070
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.7 125.5
 160 46.4 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 130.53 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

Tgt Ion:330 Resp: 74671
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 51.3 37.3 55.9

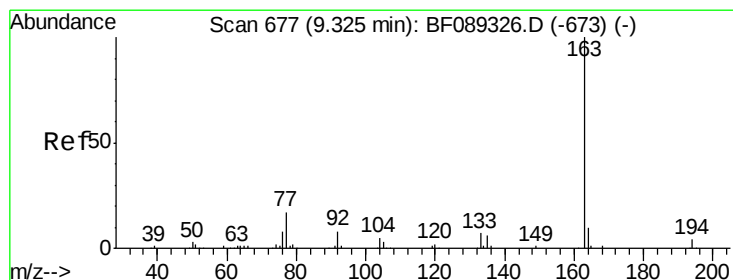
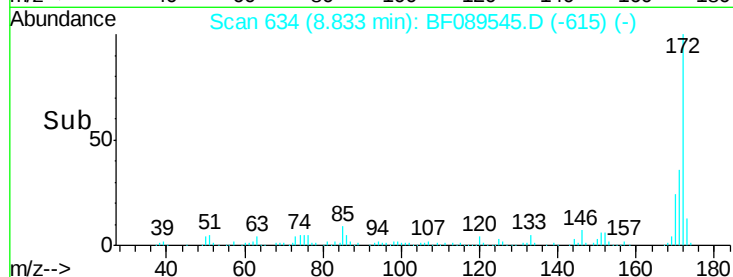
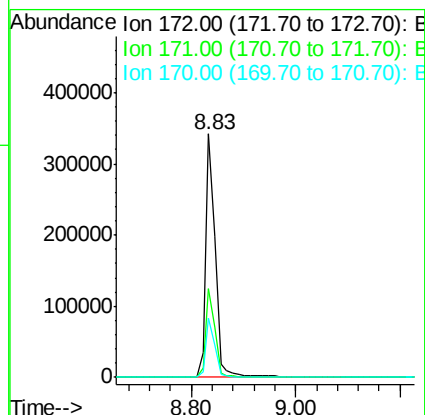
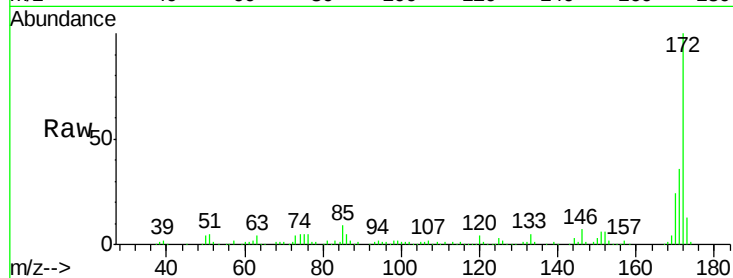




#44
 2-Fluorobiphenyl
 Concen: 92.53 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

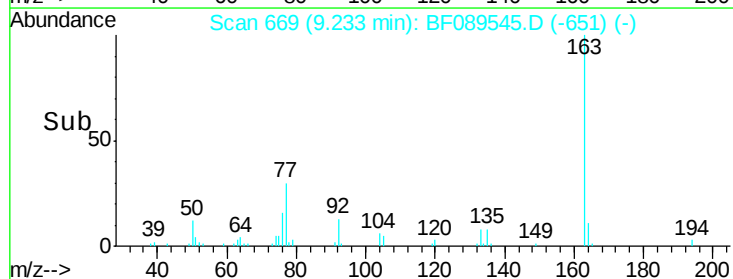
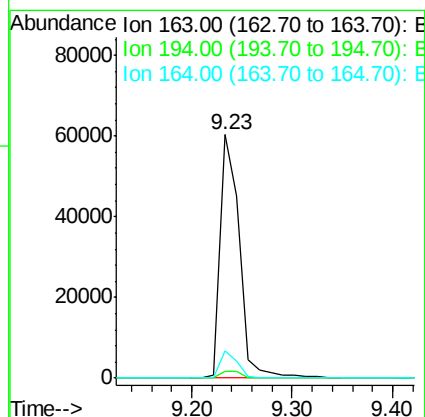
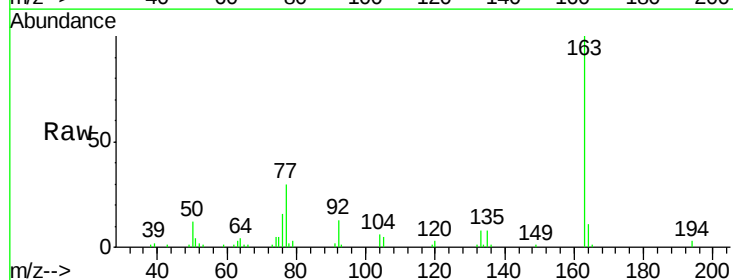
Instrument :
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 ClientSampleId :
 SB-52-14.0-15.0

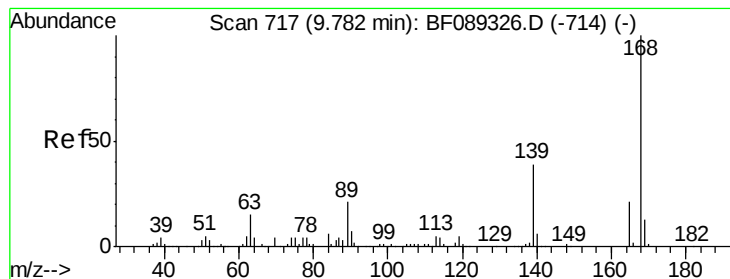
Tgt Ion:172 Resp: 435467
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 24.2 19.2 28.8



#49
 Dimethylphthalate
 Concen: 15.13 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

Tgt Ion:163 Resp: 79537
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 11.0 7.8 11.8





#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.29 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SB-52-14.0-15.0

Tgt Ion:165 Resp: 8547

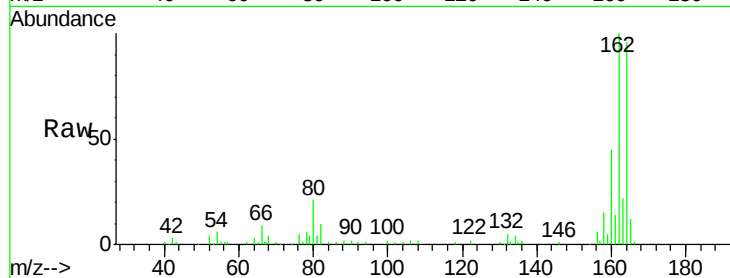
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

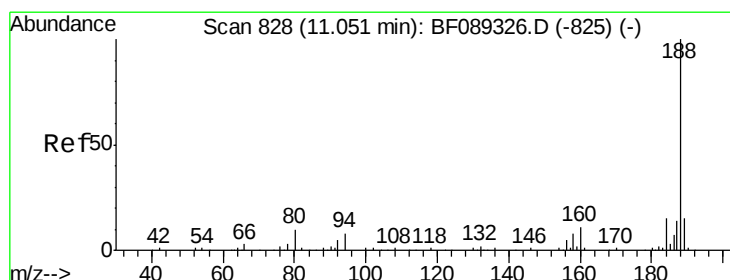
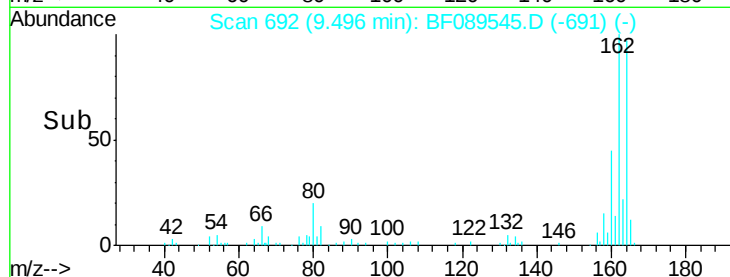
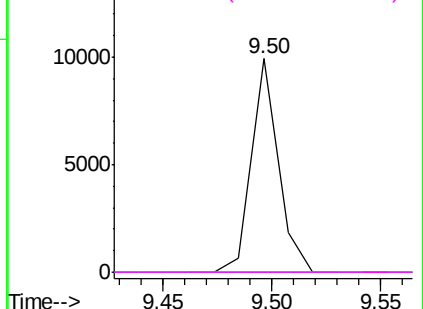


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.97 min Scan# 821

Delta R.T. -0.08 min

Lab File: BF089545.D

Acq: 2 Aug 2016 14:13

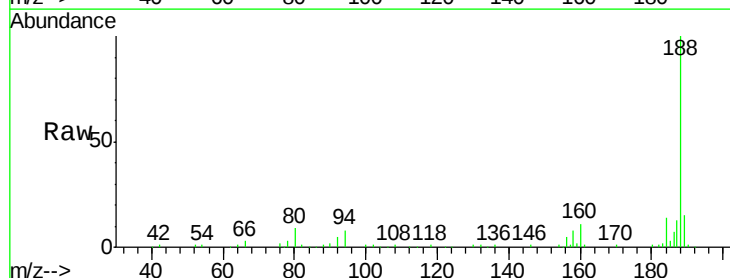
Tgt Ion:188 Resp: 114732

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

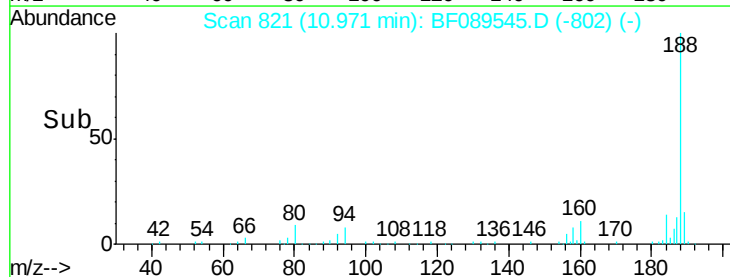
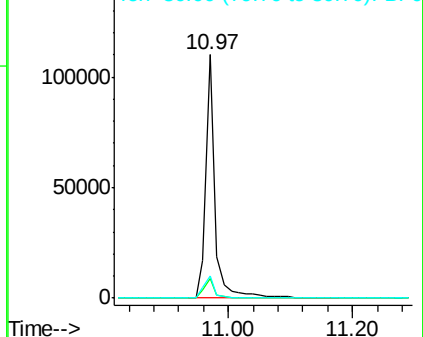
80 9.1 7.2 10.8

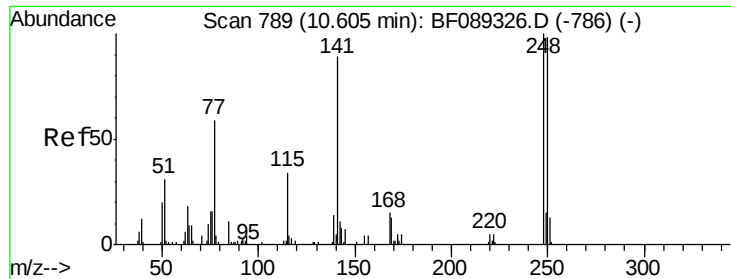


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

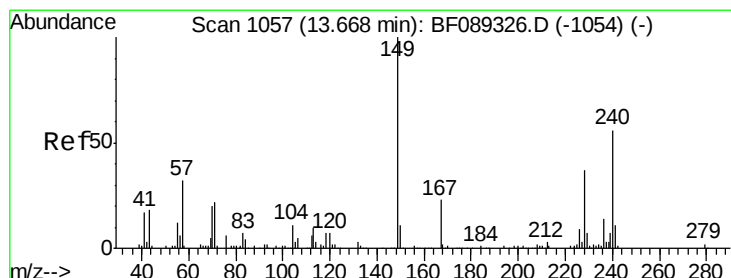
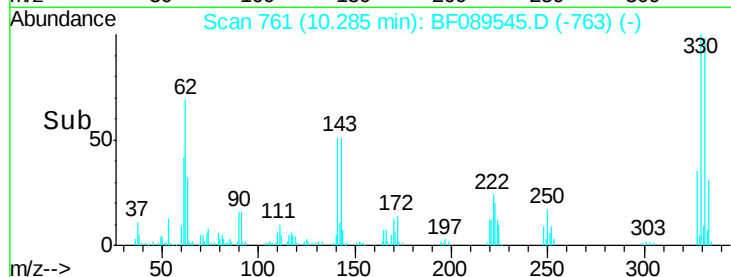
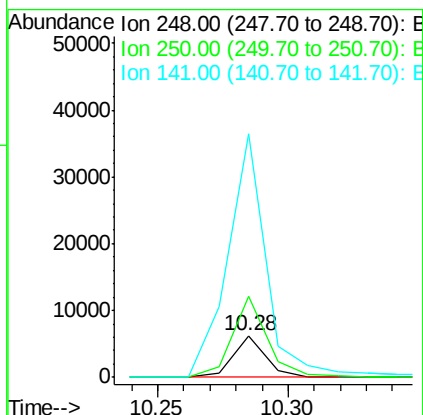
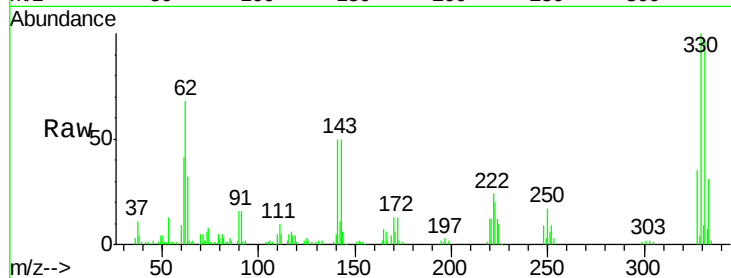




#66
 4-Bromophenyl-phenylether
 Concen: 5.00 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

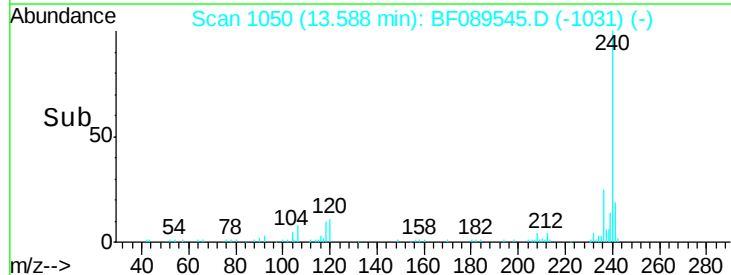
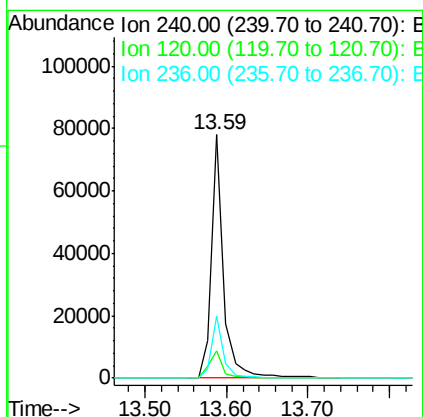
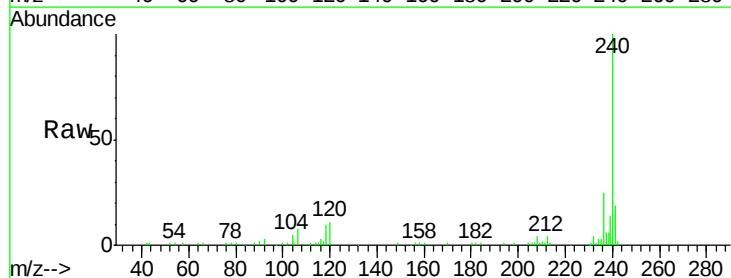
Instrument :
 BNA_F
 ClientSampleId :
 SB-52-14.0-15.0

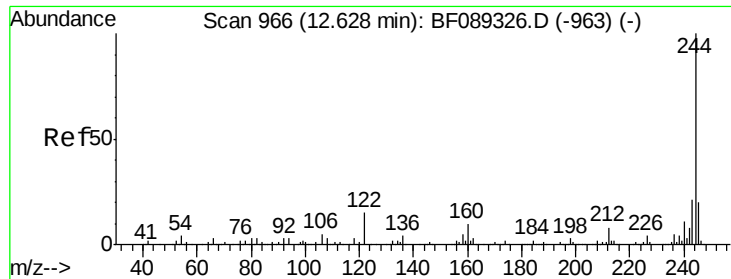
Tgt Ion:248 Resp: 5472
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.2 117.2#
 141 579.5 62.0 93.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

Tgt Ion:240 Resp: 82398
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.1 13.7
 236 25.5 20.6 30.8

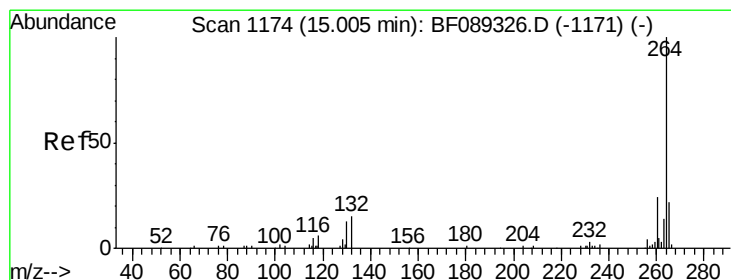
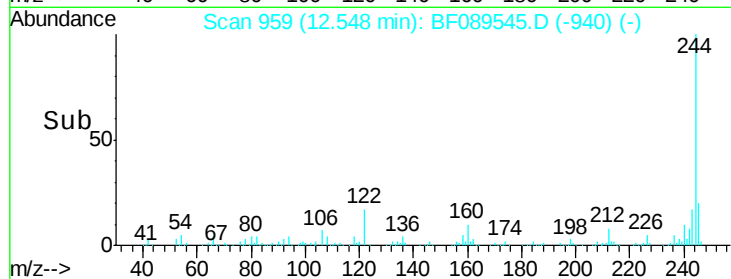
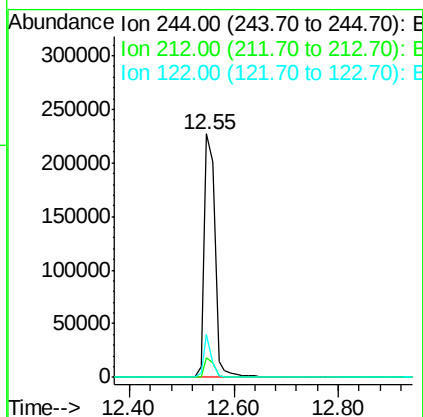
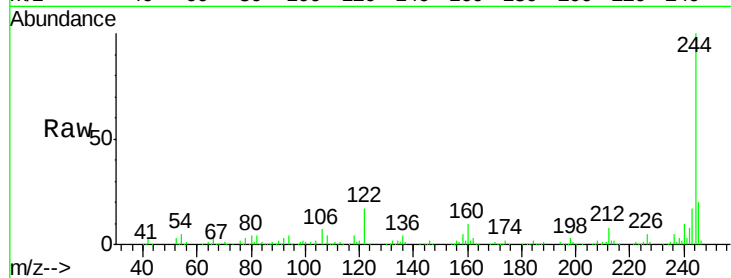




#78
 Terphenyl-d14
 Concen: 92.50 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-14.0-15.0

Tgt Ion:244 Resp: 325653
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 17.4 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089545.D
 Acq: 2 Aug 2016 14:13

Tgt Ion:264 Resp: 74967
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.7 17.5 26.3

