

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082619.D
 Acq On : 31 Oct 2015 14:07
 Operator : UM/IZ
 Sample : G4191-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

Quant Time: Nov 02 00:31:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

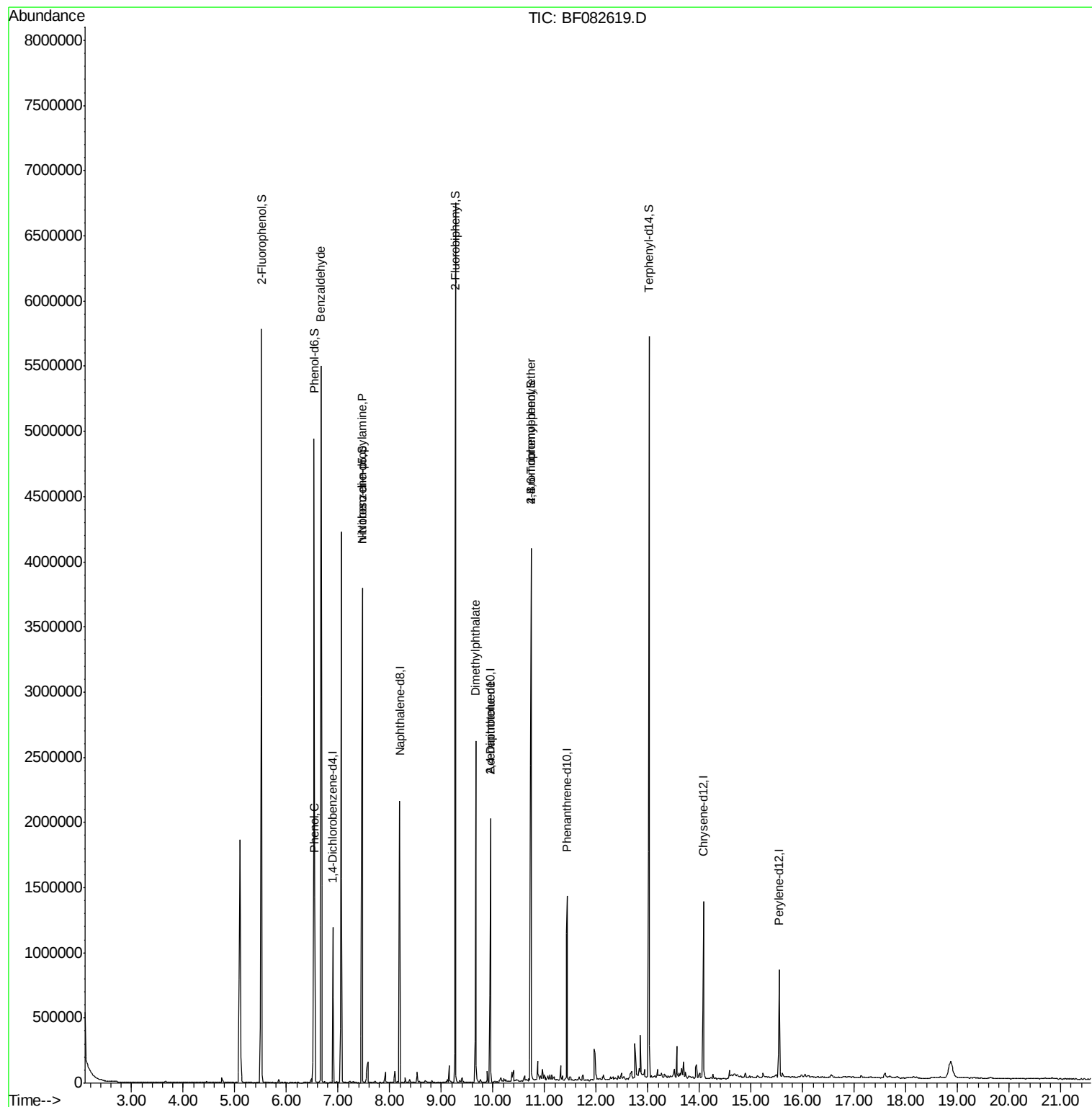
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191359	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	791504	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	402041	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	697640	20.00	ng	0.00
75) Chrysene-d12	14.08	240	496230	20.00	ng	0.00
86) Perylene-d12	15.54	264	439990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1546879	121.75	ng	0.01
7) Phenol-d6	6.53	99	1853963	109.84	ng	0.00
23) Nitrobenzene-d5	7.47	82	1552901	80.12	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	540853	122.92	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2167508	76.55	ng	0.00
78) Terphenyl-d14	13.03	244	1638075	72.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	44478	3.86	ng	Qvalue 82
10) Phenol	6.54	94	40568	2.12	ng	# 69
19) n-Nitroso-di-n-propylamine	7.47	70	220082	17.20	ng	# 68
49) Dimethylphthalate	9.66	163	843240	25.68	ng	99
56) 2,4-Dinitrotoluene	9.95	165	52625	5.72	ng	# 15
66) 4-Bromophenyl-phenylether	10.74	248	39113	4.95	ng	# 1

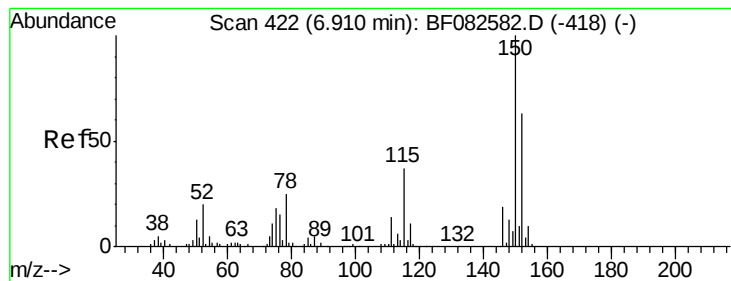
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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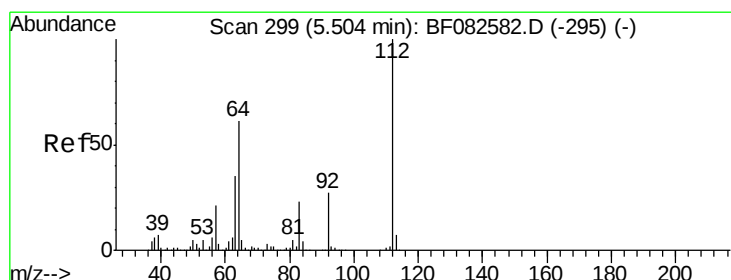
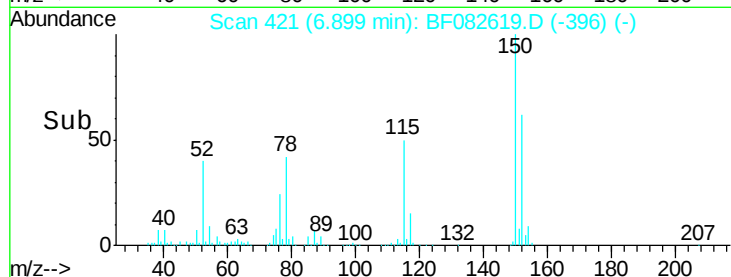
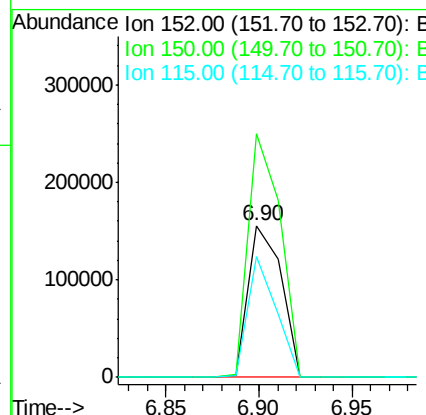
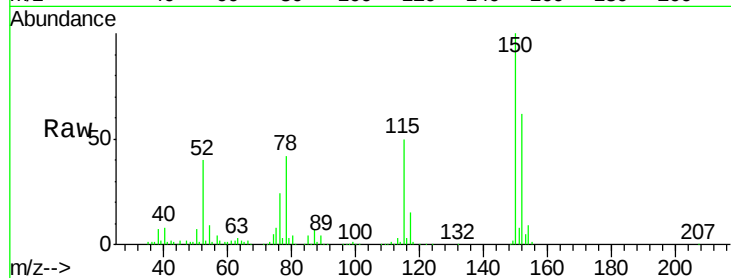




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

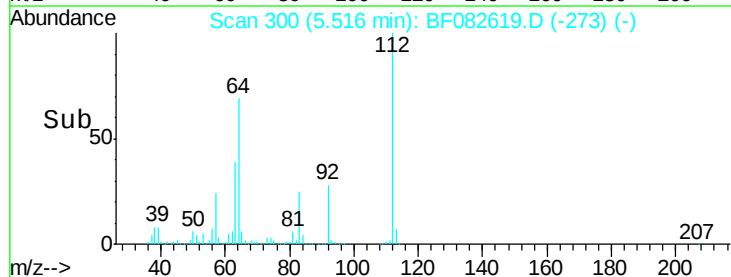
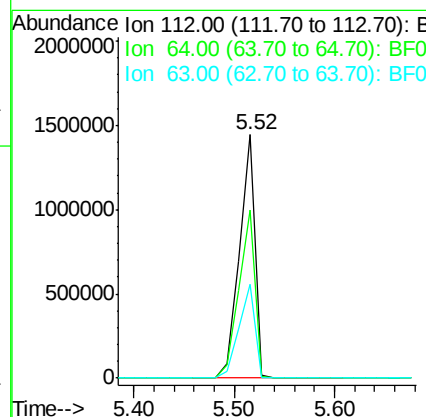
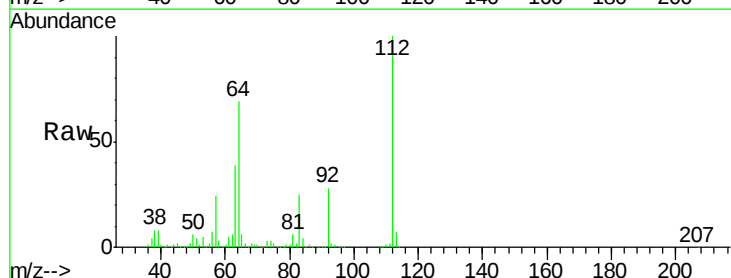
Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

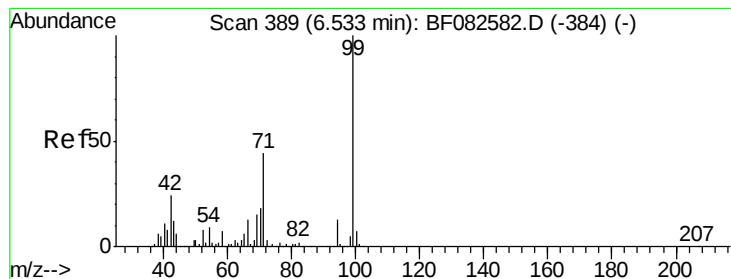
Tgt Ion:152 Resp: 191359
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.0 190.4
 115 79.9 47.0 70.6#



#5
 2-Fluorophenol
 Concen: 121.75 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Tgt Ion:112 Resp: 1546879
 Ion Ratio Lower Upper
 112 100
 64 68.9 48.9 73.3
 63 38.6 28.1 42.1





#7

Phenol-d6

Concen: 109.84 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

Instrument :

BNA_F

ClientSampleId :

T-24-L

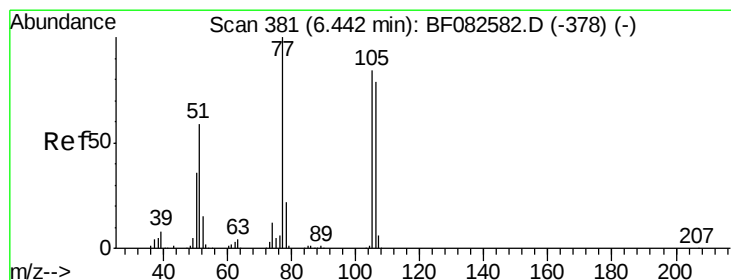
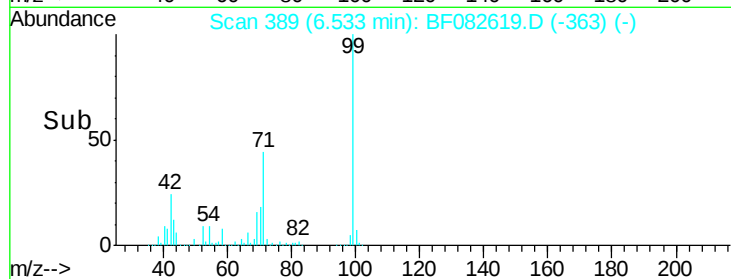
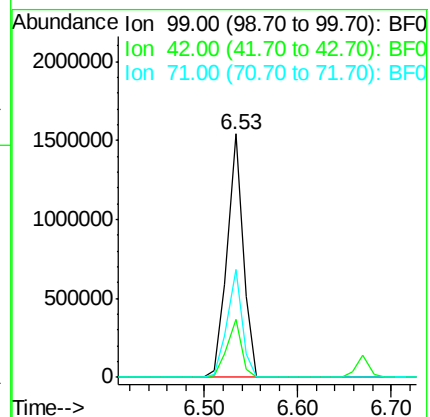
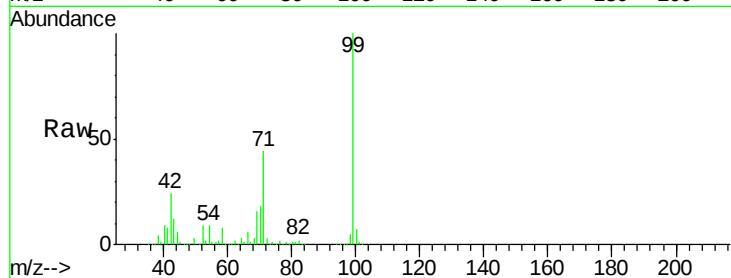
Tgt Ion: 99 Resp: 1853963

Ion Ratio Lower Upper

99 100

42 23.9 19.2 28.8

71 44.2 35.0 52.4



#9

Benzaldehyde

Concen: 3.86 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

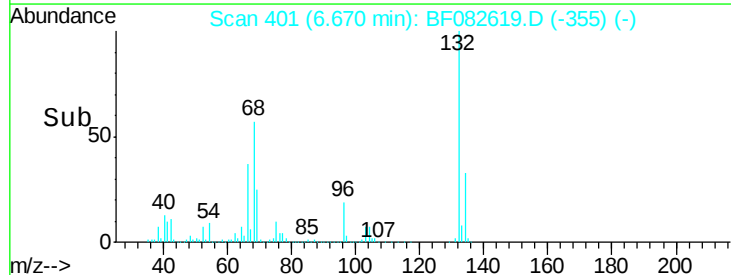
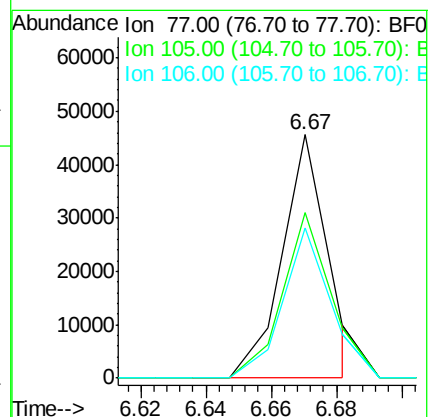
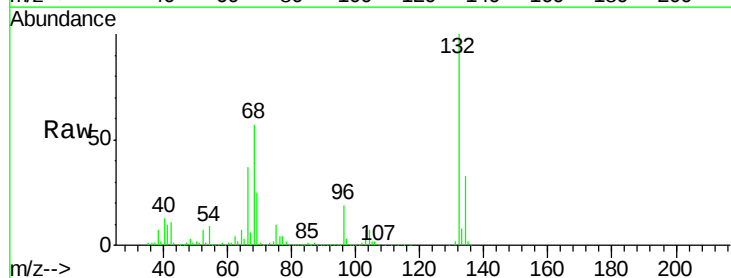
Tgt Ion: 77 Resp: 44478

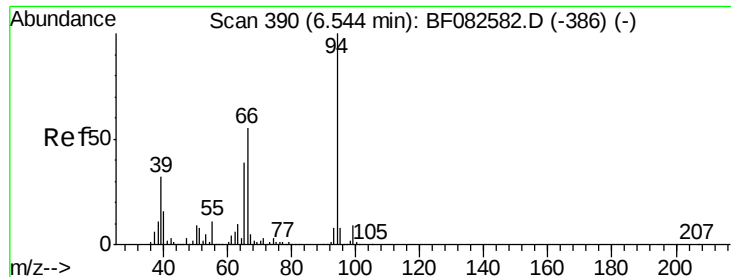
Ion Ratio Lower Upper

77 100

105 68.0 63.5 103.5

106 61.9 59.3 99.3





#10

Phenol

Concen: 2.12 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

Instrument :

BNA_F

ClientSampleId :

T-24-L

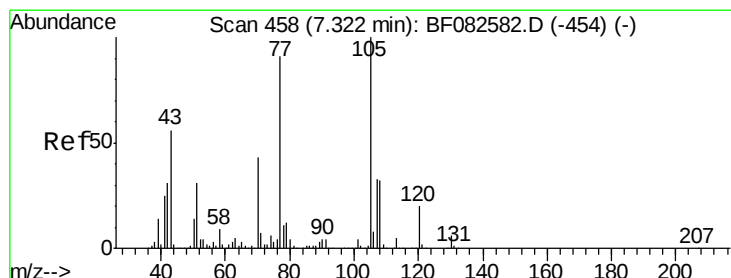
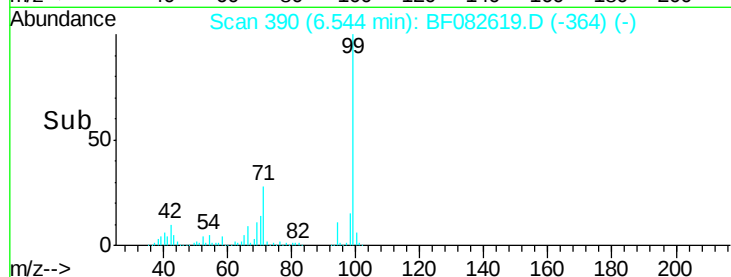
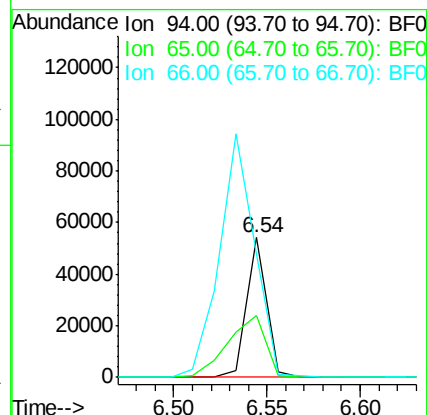
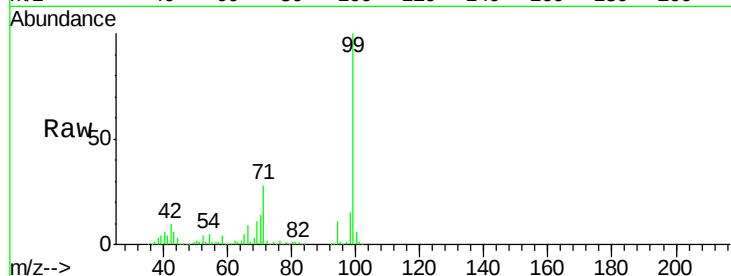
Tgt Ion: 94 Resp: 40568

Ion Ratio Lower Upper

94 100

65 44.0 18.9 58.9

66 88.7 34.9 74.9#



#19

n-Nitroso-di-n-propylamine

Concen: 17.20 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

Tgt Ion: 70 Resp: 220082

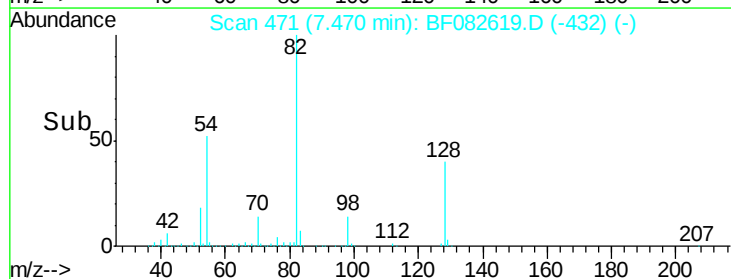
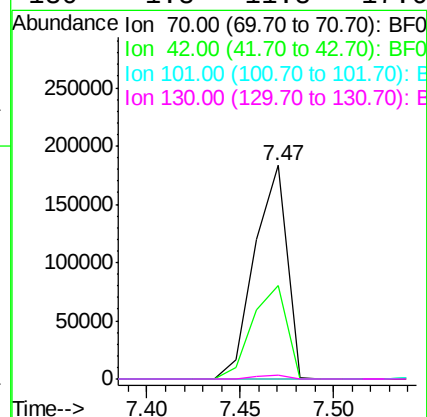
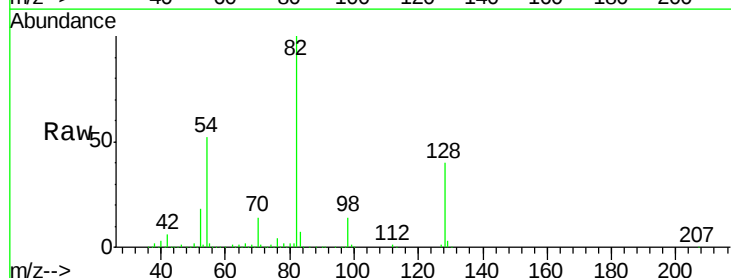
Ion Ratio Lower Upper

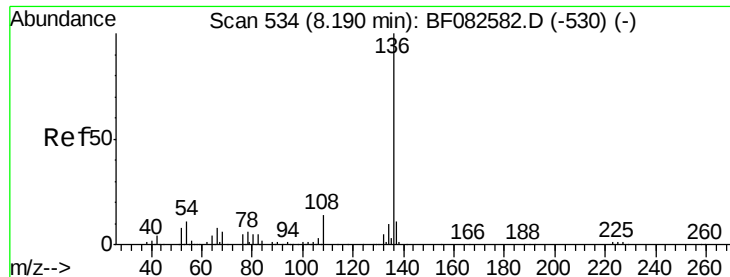
70 100

42 44.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

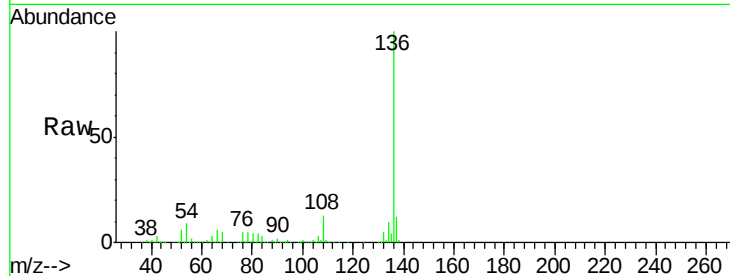
Instrument :

BNA_F

ClientSampleId :

T-24-L

Tgt Ion:	136	Resp:	791504
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.2	9.1	13.7
68	5.5	4.8	7.2

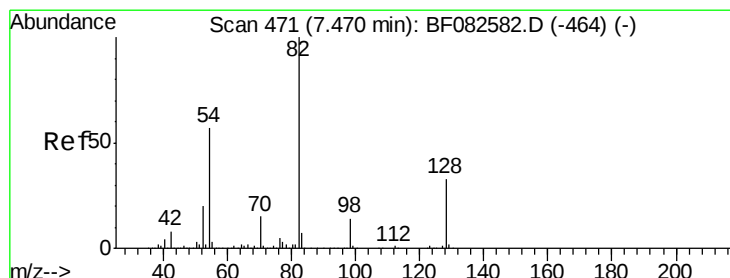
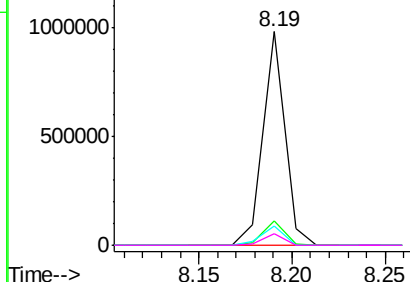
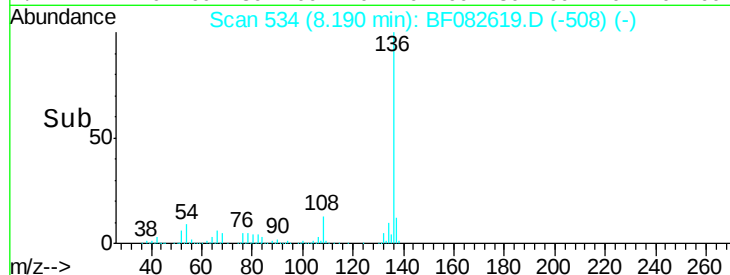


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.12 ng

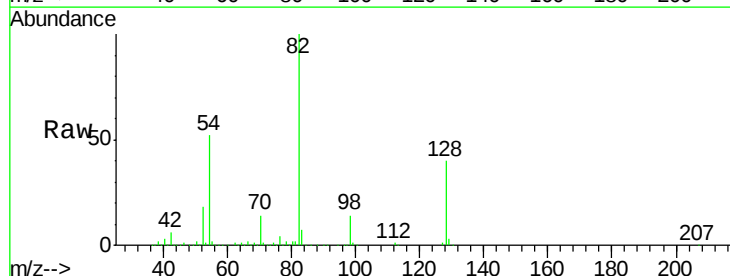
RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

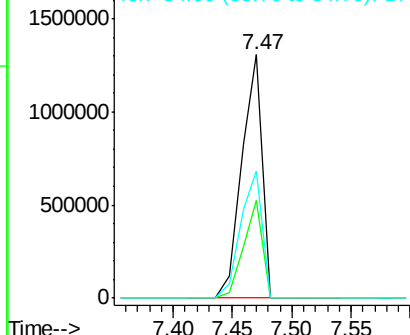
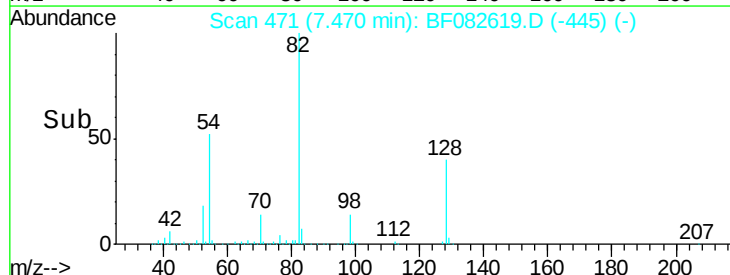
Tgt Ion:	82	Resp:	1552901
Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.8	40.2#
54	52.0	45.7	68.5

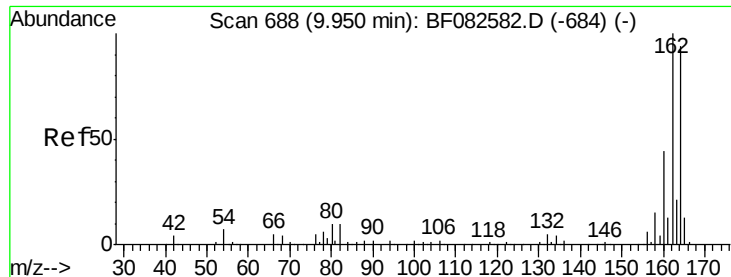


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

Instrument :

BNA_F

ClientSampleId :

T-24-L

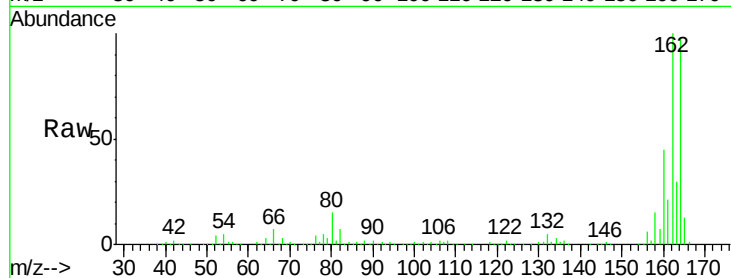
Tgt Ion:164 Resp: 402041

Ion Ratio Lower Upper

164 100

162 102.5 84.9 127.3

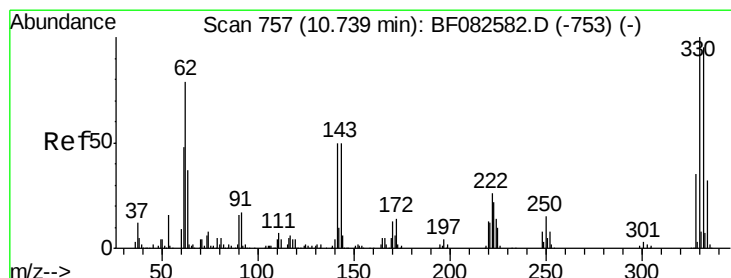
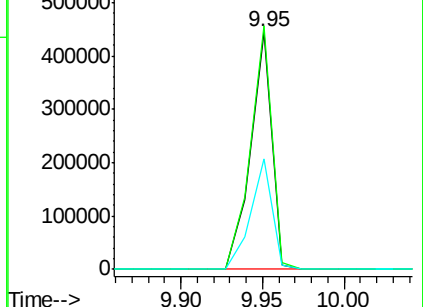
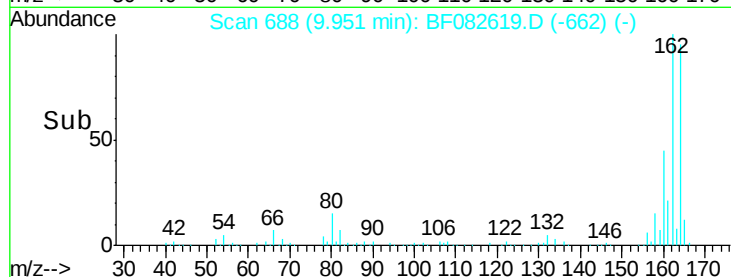
160 46.4 37.5 56.3



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: 122.92 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF082619.D

Acq: 31 Oct 2015 14:07

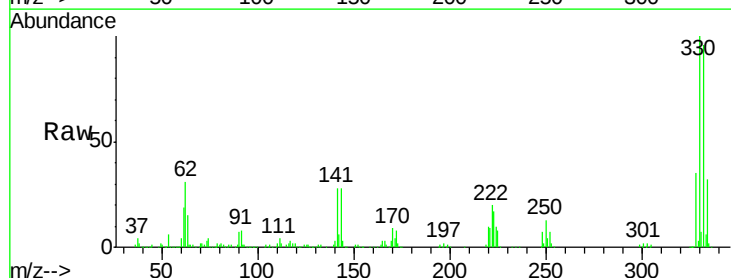
Tgt Ion:330 Resp: 540853

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

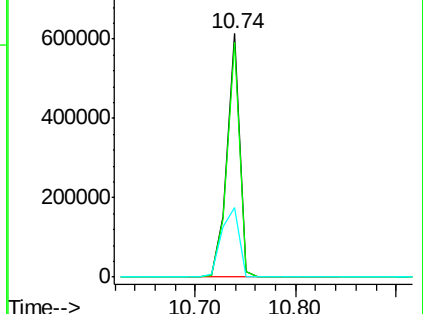
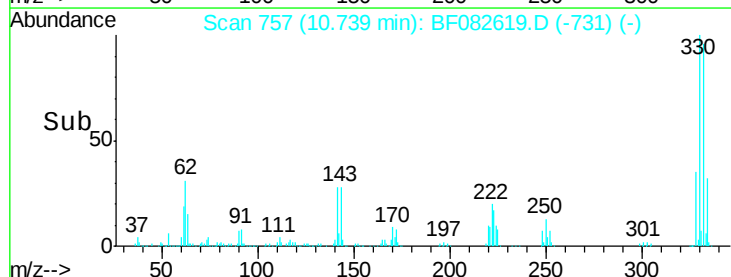
141 39.4 41.2 61.8#

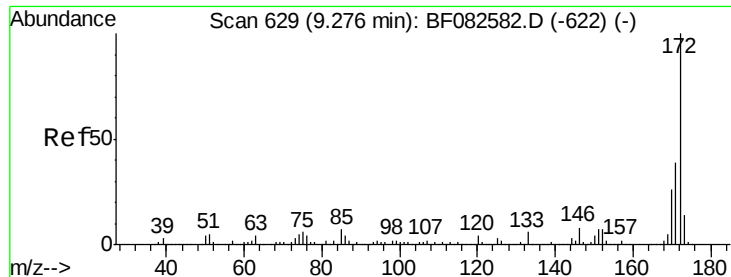


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

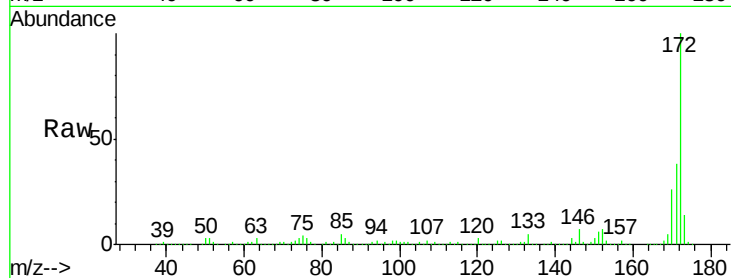




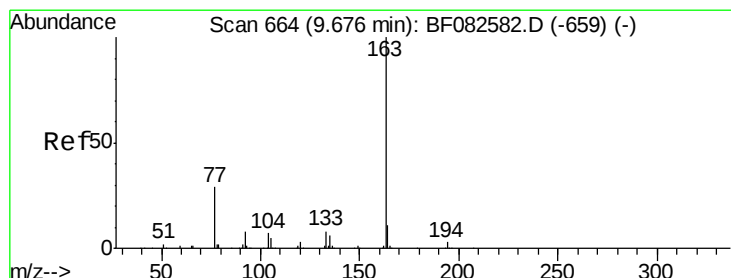
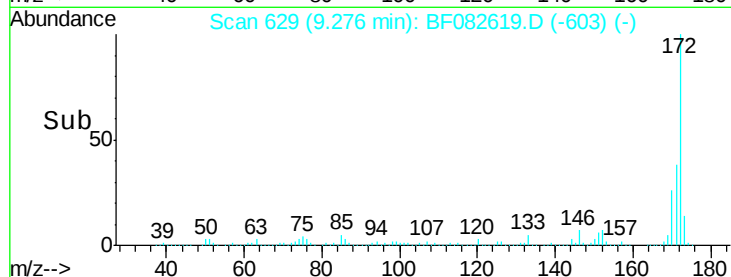
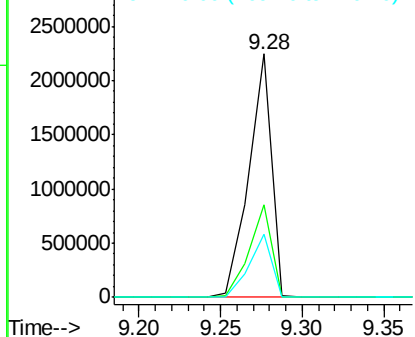
#44
 2-Fluorobiphenyl
 Concen: 76.55 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

Tgt Ion:172 Resp: 2167508
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.1 21.2 31.8

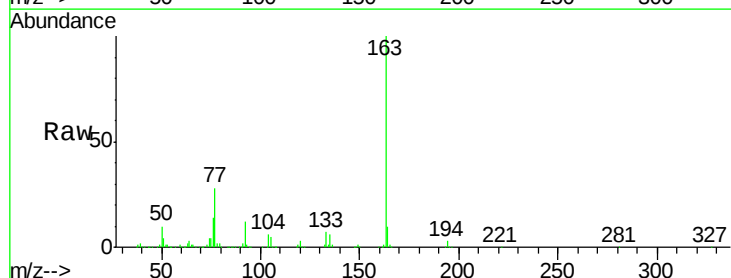


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

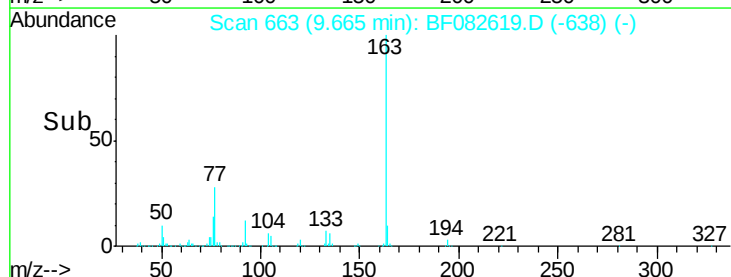
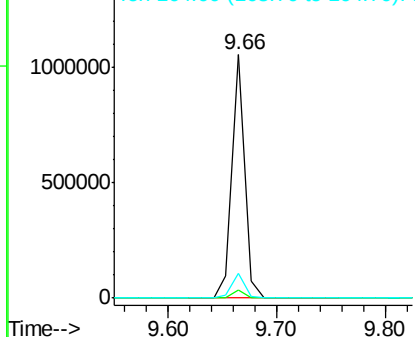


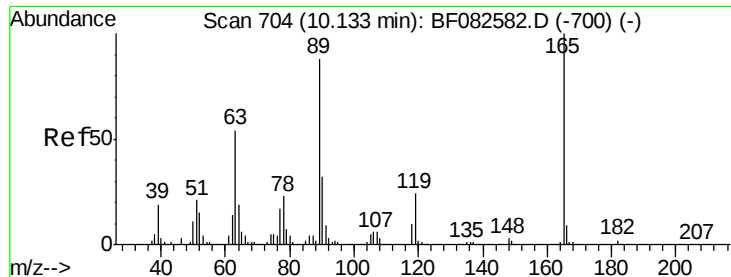
#49
 Dimethylphthalate
 Concen: 25.68 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Tgt Ion:163 Resp: 843240
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.4 8.7 13.1



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

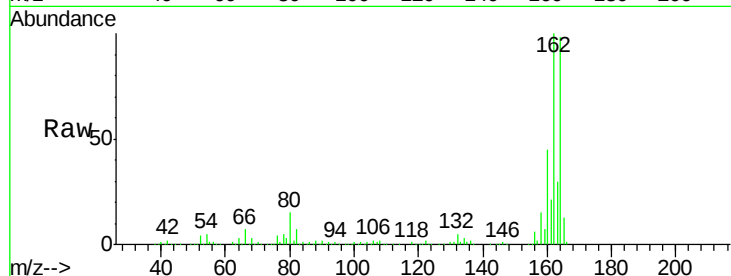




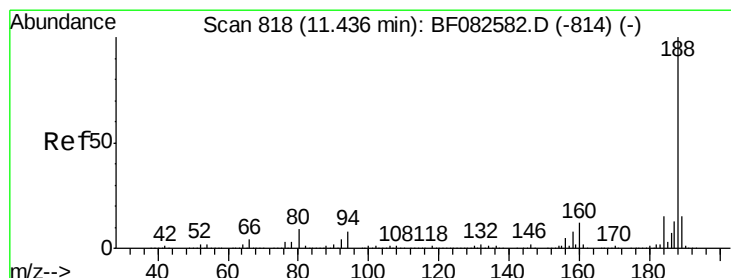
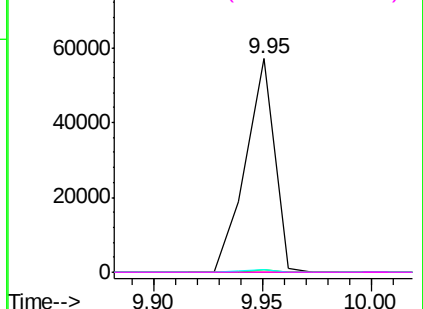
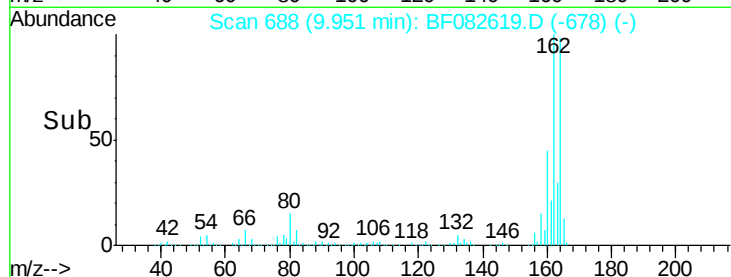
#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.18 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

Tgt Ion:165 Resp: 52625
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.3 70.6 106.0#
 182 0.0 1.5 2.3#

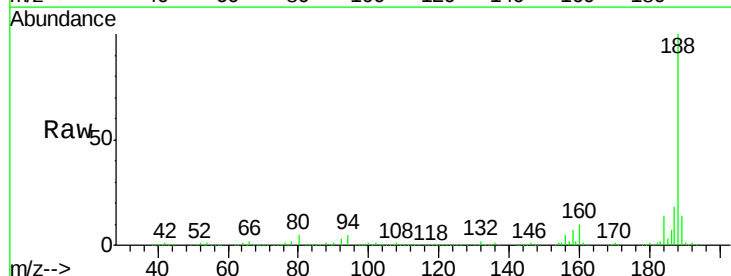


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

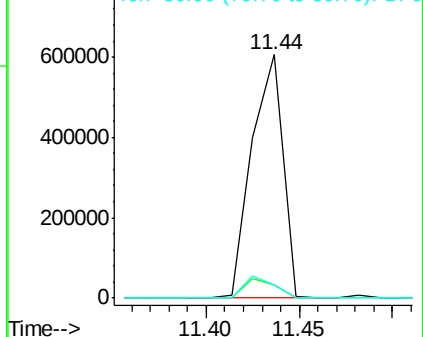
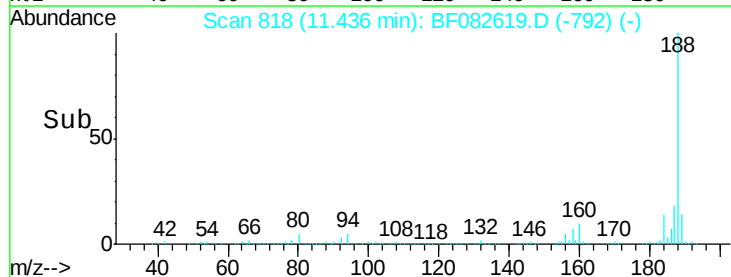


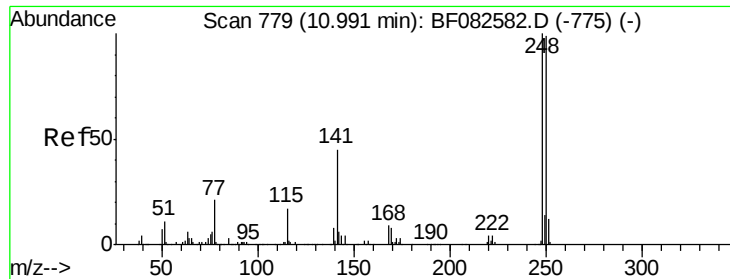
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Tgt Ion:188 Resp: 697640
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.1 9.1#
 80 5.4 7.0 10.6#



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

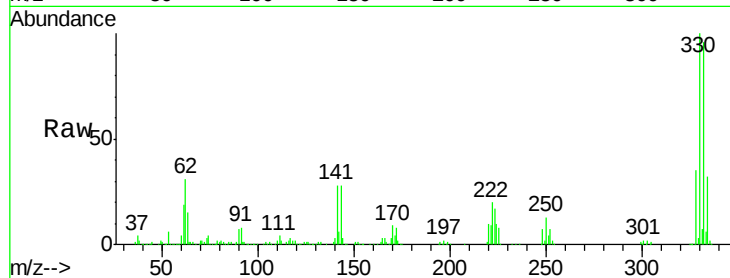




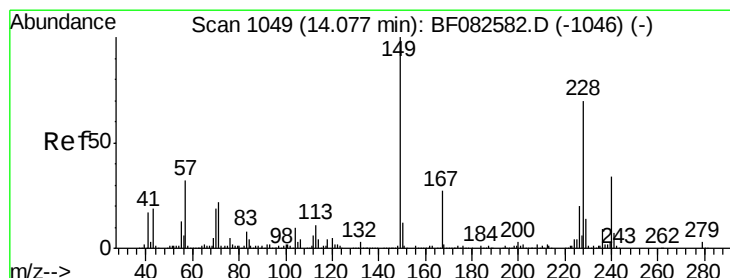
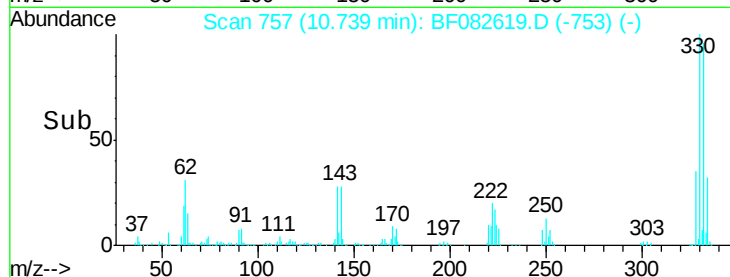
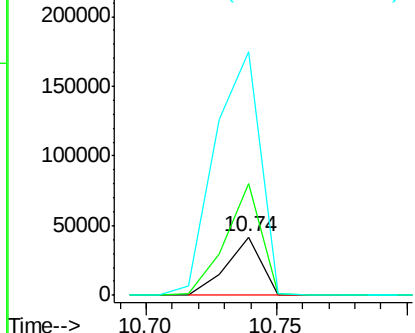
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082619.D
Acq: 31 Oct 2015 14:07

Instrument :
BNA_F
ClientSampleId :
T-24-L

Tgt Ion:248 Resp: 39113
Ion Ratio Lower Upper
248 100
250 191.5 79.4 119.2#
141 418.2 36.3 54.5#

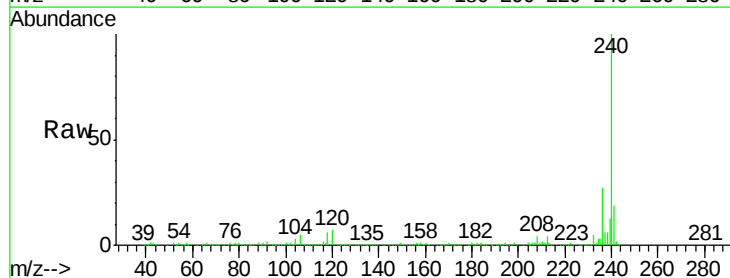


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

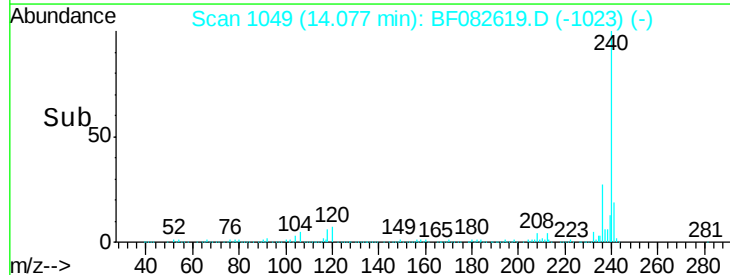
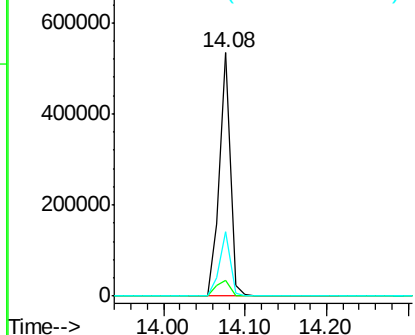


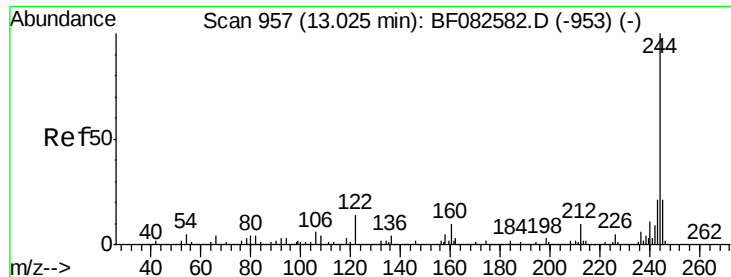
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF082619.D
Acq: 31 Oct 2015 14:07

Tgt Ion:240 Resp: 496230
Ion Ratio Lower Upper
240 100
120 6.6 10.9 16.3#
236 26.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

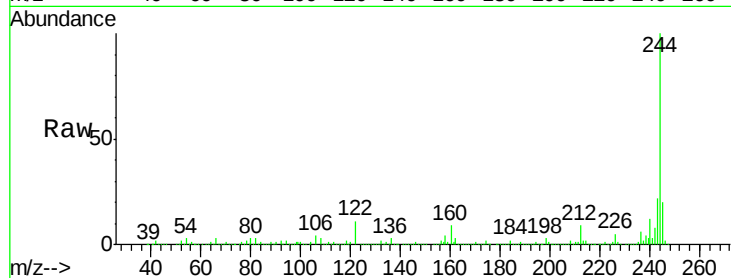




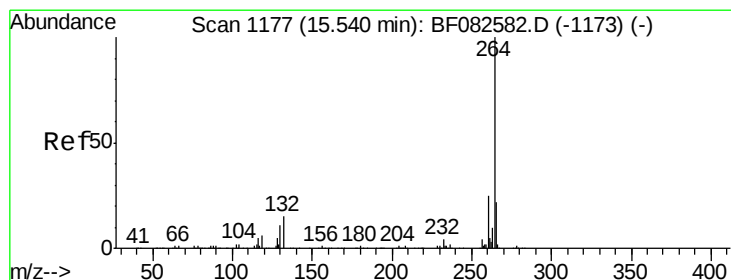
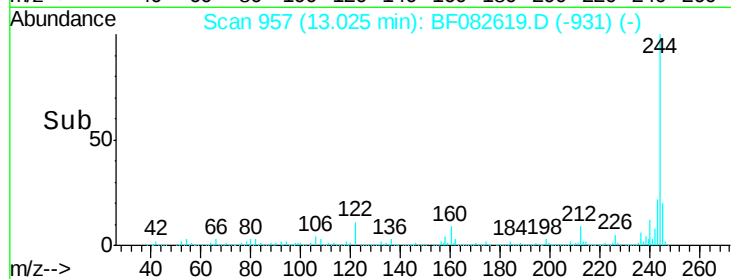
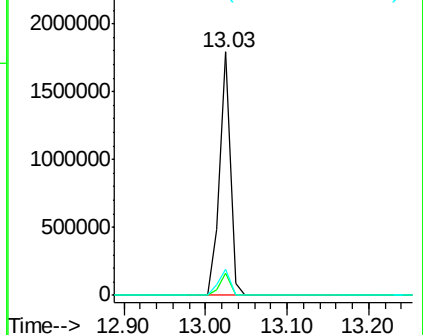
#78
 Terphenyl-d14
 Concen: 72.24 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

Tgt Ion:244 Resp: 1638075
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 10.6 11.3 16.9#

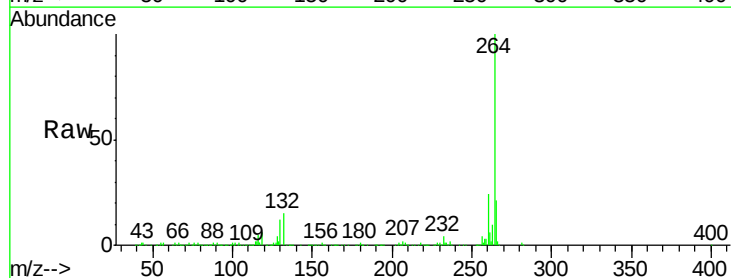


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF082619.D
 Acq: 31 Oct 2015 14:07

Tgt Ion:264 Resp: 439990
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.2 17.4 26.0



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

