

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082622.D
 Acq On : 31 Oct 2015 15:34
 Operator : UM/IZ
 Sample : G4200-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-22L

Quant Time: Nov 02 00:32:58 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

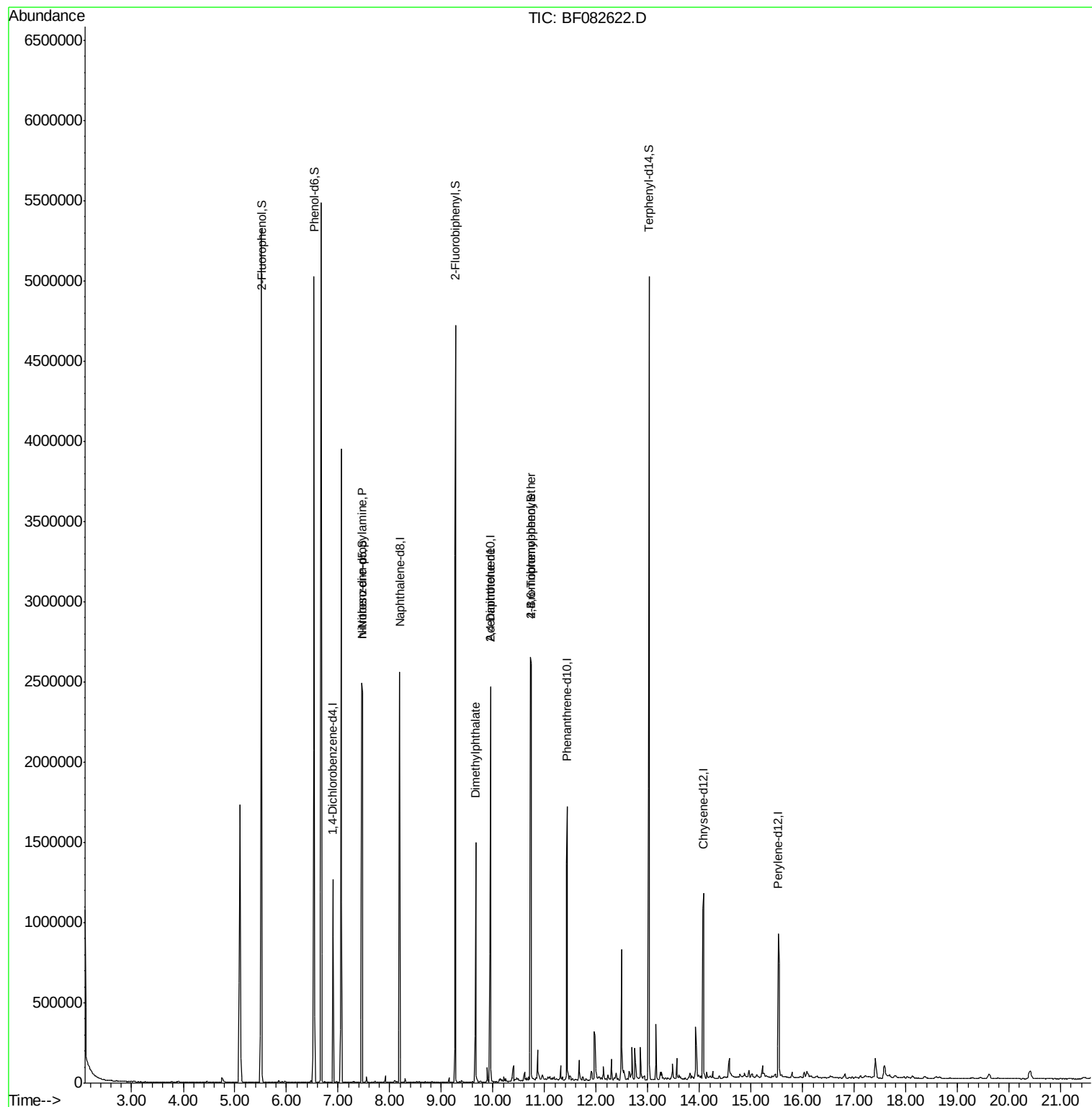
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	229620	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	942516	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	490242	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	842207	20.00	ng	0.00
75) Chrysene-d12	14.08	240	558757	20.00	ng	0.00
86) Perylene-d12	15.53	264	502583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1419990	93.14	ng	0.01
7) Phenol-d6	6.53	99	1632655	80.61	ng	0.00
23) Nitrobenzene-d5	7.46	82	1268433	54.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	463808	86.45	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1851208	53.61	ng	0.00
78) Terphenyl-d14	13.02	244	1502535	58.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	175628	11.44	ng	# 74
49) Dimethylphthalate	9.66	163	524258	13.09	ng	99
56) 2,4-Dinitrotoluene	9.95	165	64082	5.71	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	29838	3.13	ng	# 1

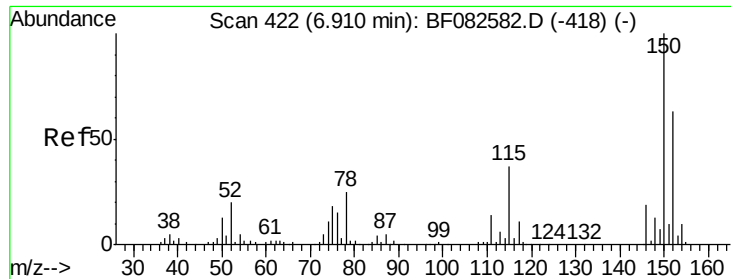
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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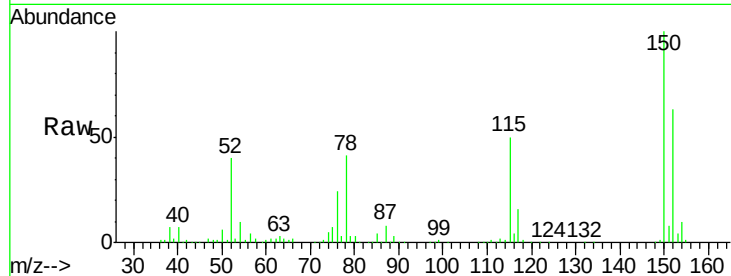


#1

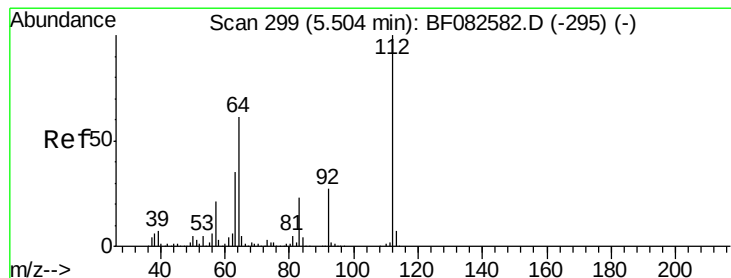
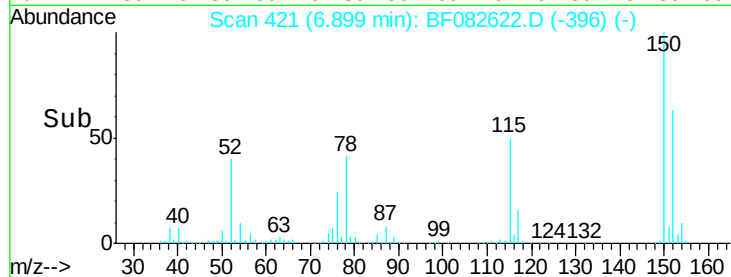
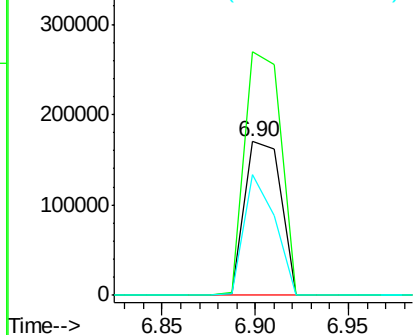
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 T-22L

Tgt Ion:152 Resp: 229620
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.0 190.4
 115 78.6 47.0 70.6#



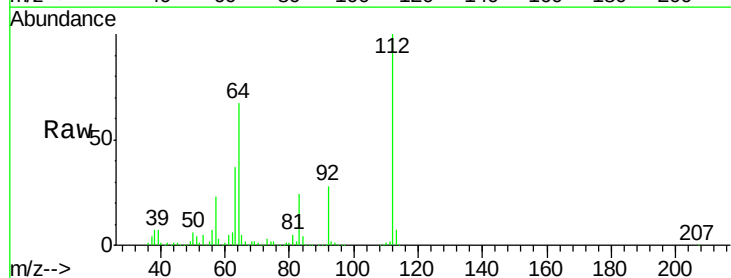
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



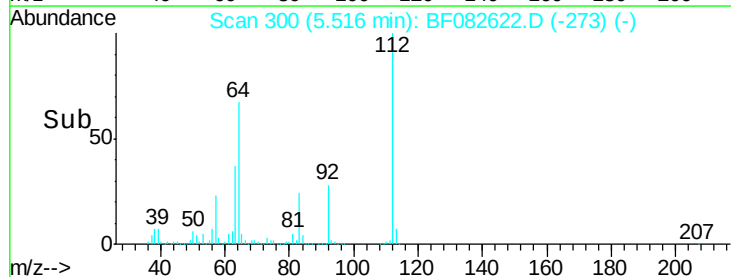
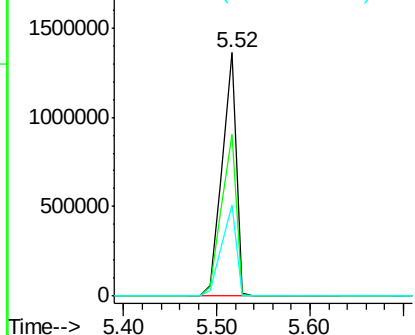
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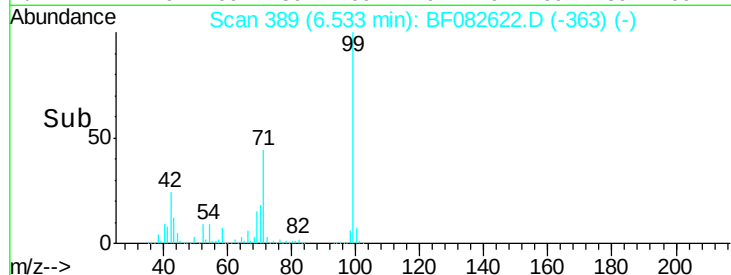
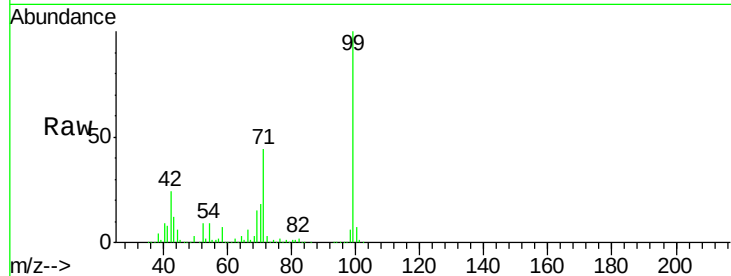
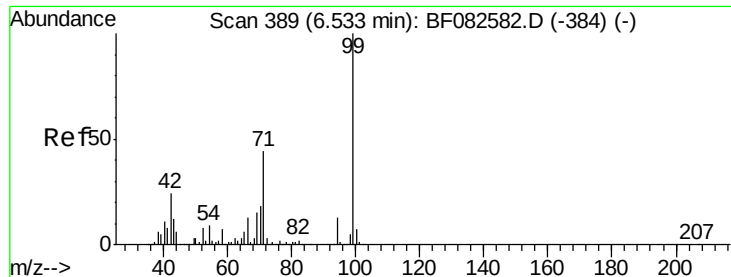
2-Fluorophenol
 Concen: 93.14 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Tgt Ion:112 Resp: 1419990
 Ion Ratio Lower Upper
 112 100
 64 66.5 48.9 73.3
 63 37.3 28.1 42.1



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: 80.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

Instrument :

BNA_F

ClientSampleId :

T-22L

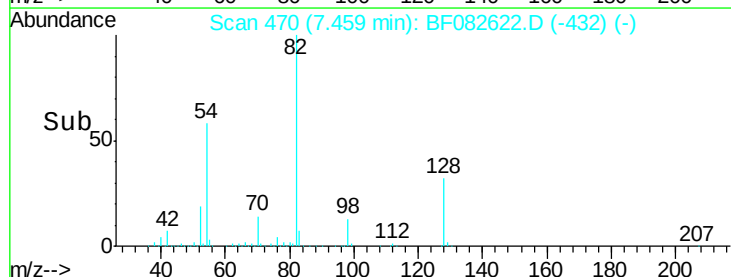
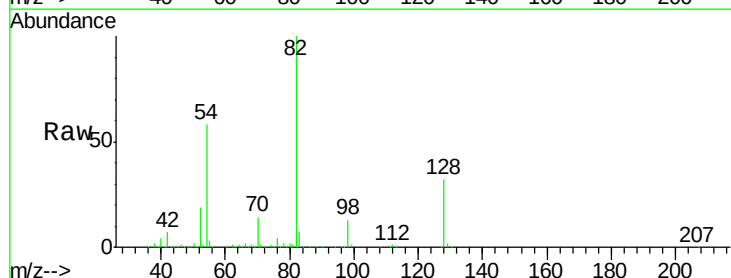
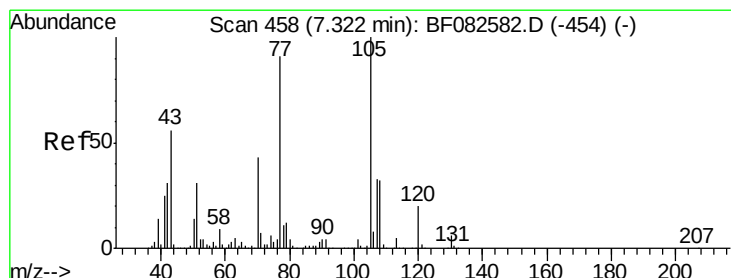
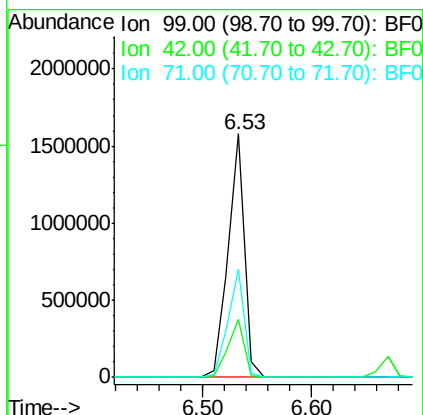
Tgt Ion: 99 Resp: 1632655

Ion Ratio Lower Upper

99 100

42 23.7 19.2 28.8

71 44.1 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.44 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

Tgt Ion: 70 Resp: 175628

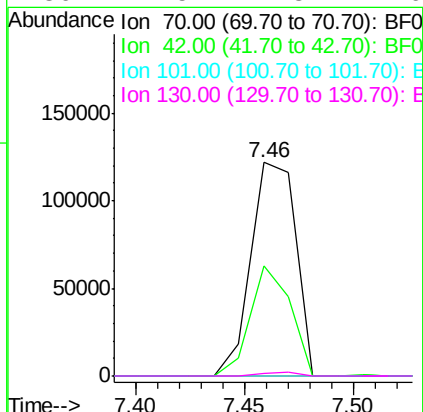
Ion Ratio Lower Upper

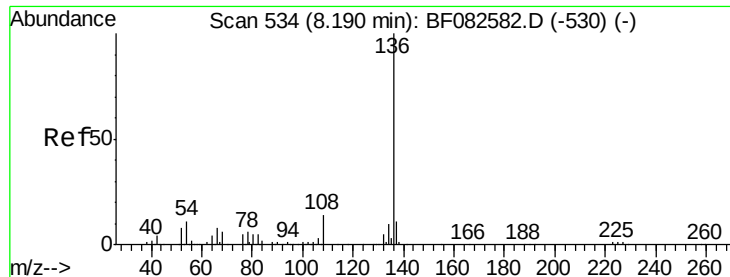
70 100

42 51.8 57.7 86.5#

101 0.0 7.0 10.6#

130 1.5 11.8 17.6#

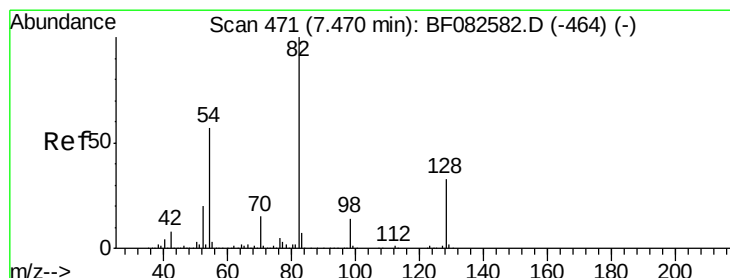
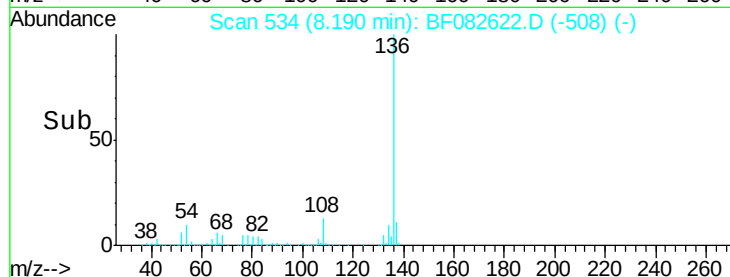
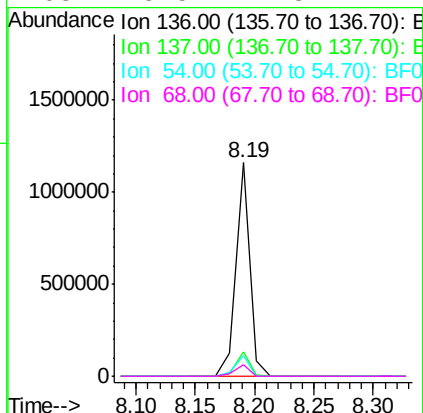
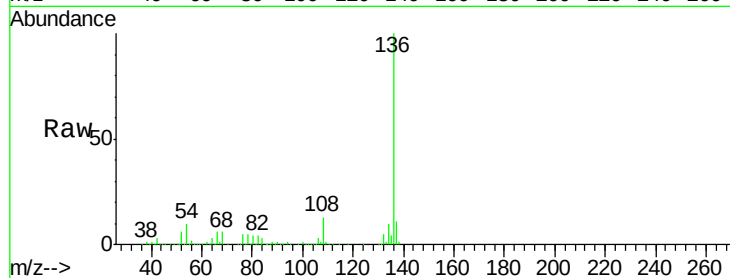




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082622.D
Acq: 31 Oct 2015 15:34

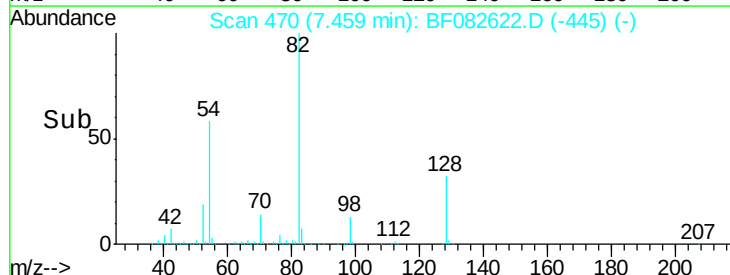
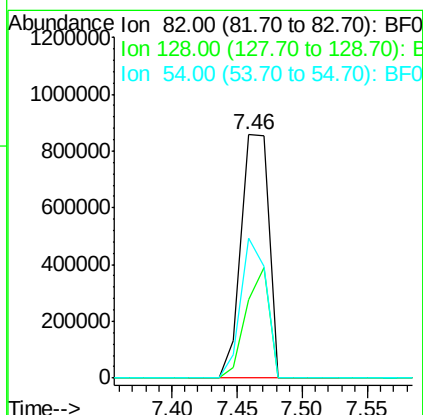
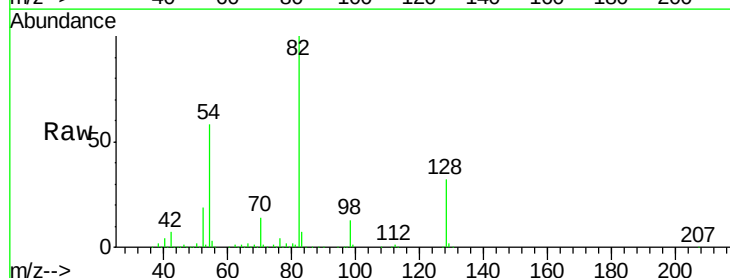
Instrument :
BNA_F
ClientSampleId :
T-22L

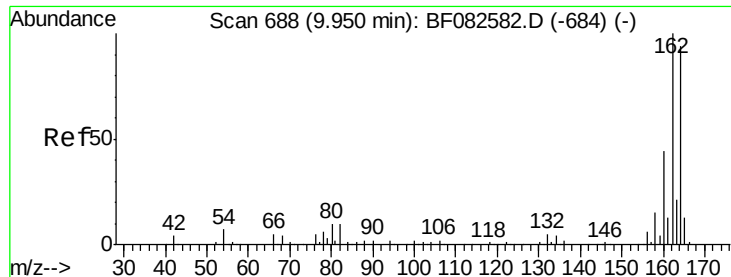
Tgt Ion:	136	Resp:	942516
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.5	9.1	13.7
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 54.96 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF082622.D
Acq: 31 Oct 2015 15:34

Tgt Ion:	82	Resp:	1268433
Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.8	40.2
54	57.7	45.7	68.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

Instrument :

BNA_F

ClientSampleId :

T-22L

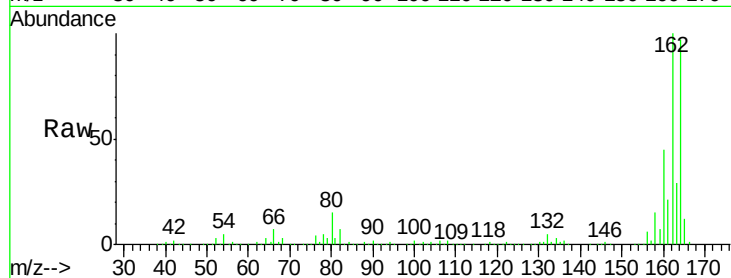
Tgt Ion:164 Resp: 490242

Ion Ratio Lower Upper

164 100

162 103.4 84.9 127.3

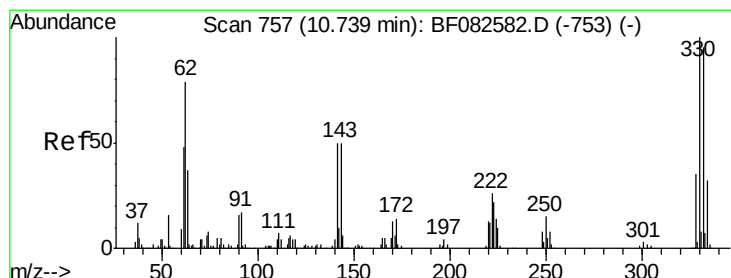
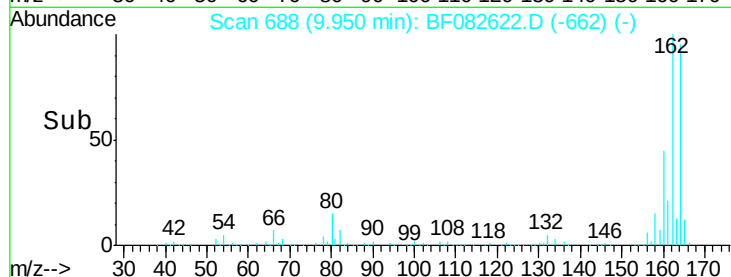
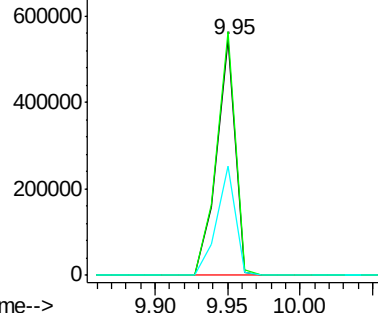
160 46.1 37.5 56.3



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: 86.45 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

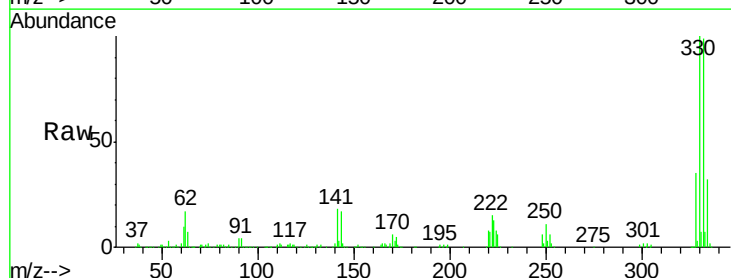
Tgt Ion:330 Resp: 463808

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

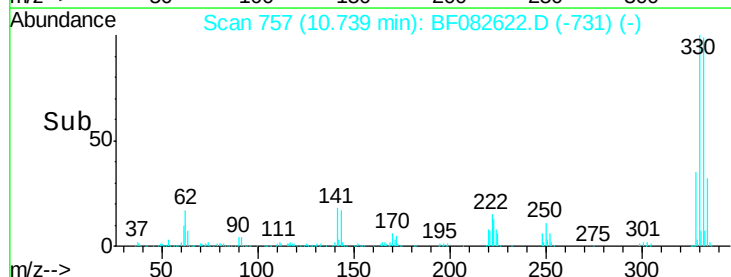
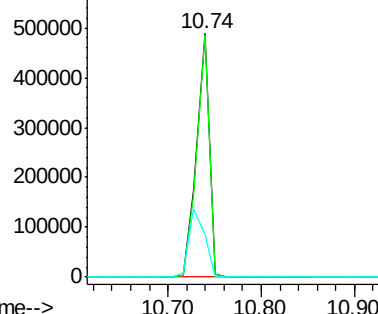
141 34.9 41.2 61.8#

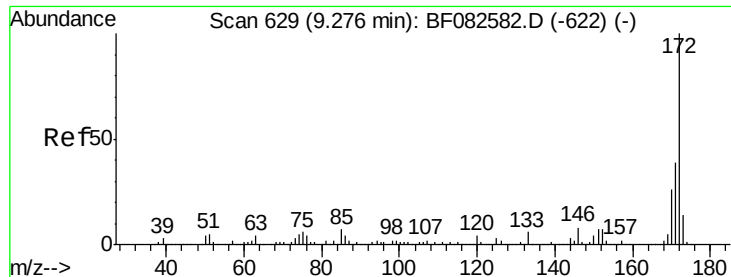


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

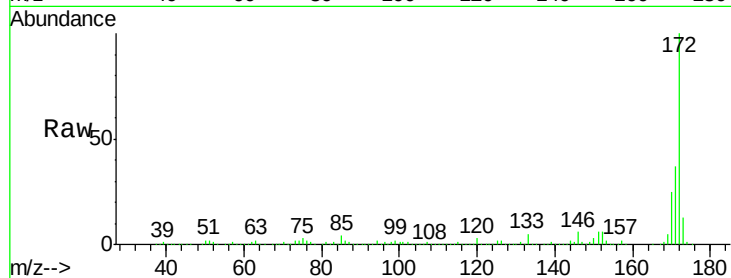




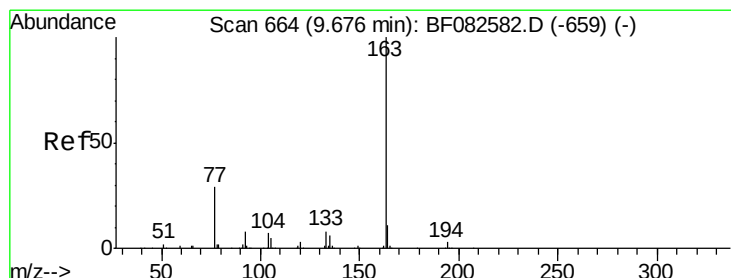
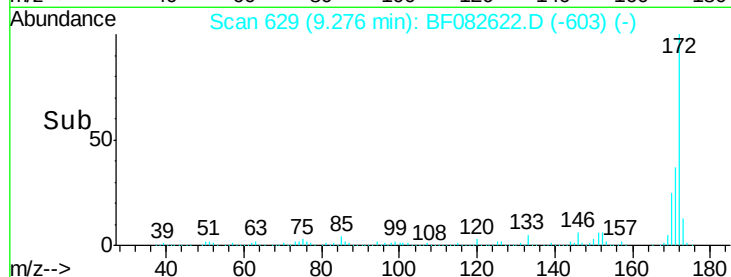
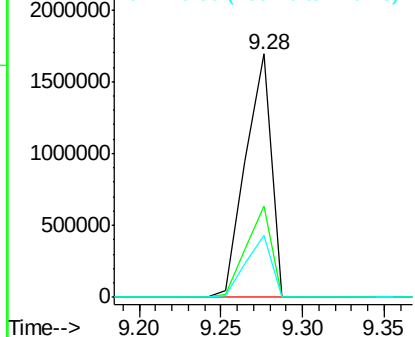
#44
 2-Fluorobiphenyl
 Concen: 53.61 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 T-22L

Tgt Ion:172 Resp: 1851208
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.3 21.2 31.8

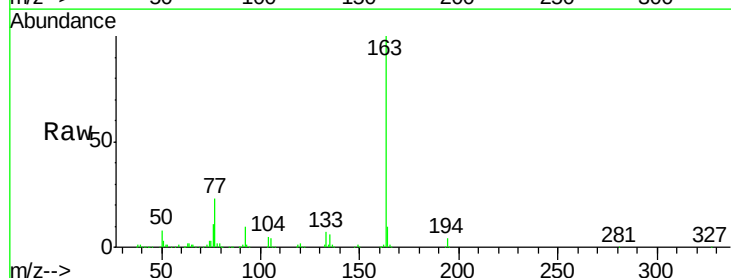


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

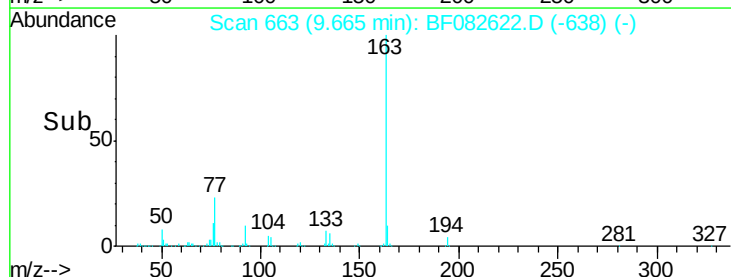
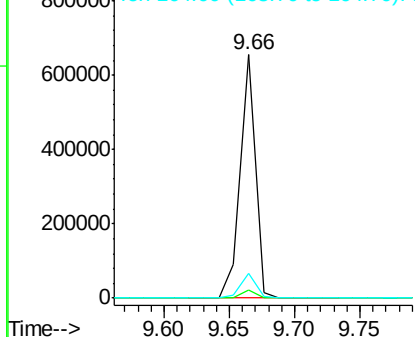


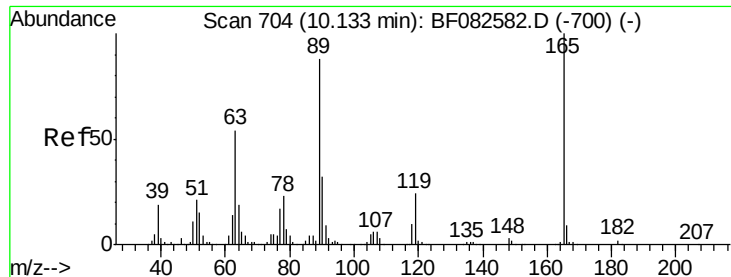
#49
 Dimethylphthalate
 Concen: 13.09 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Tgt Ion:163 Resp: 524258
 Ion Ratio Lower Upper
 163 100
 194 3.6 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

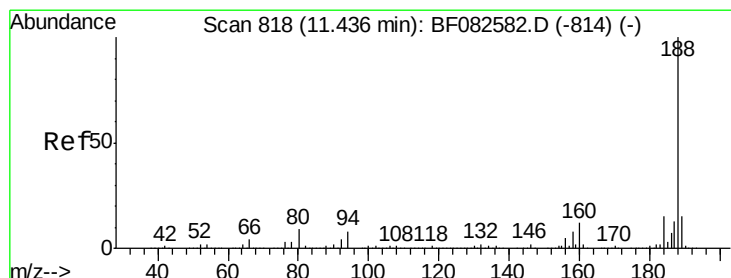
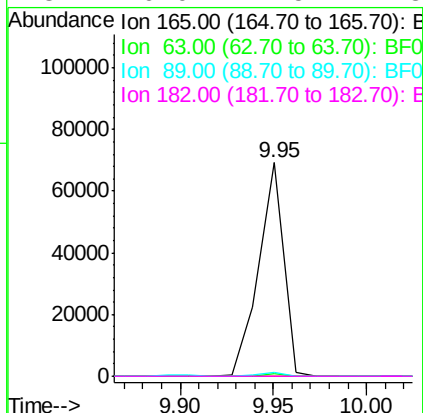
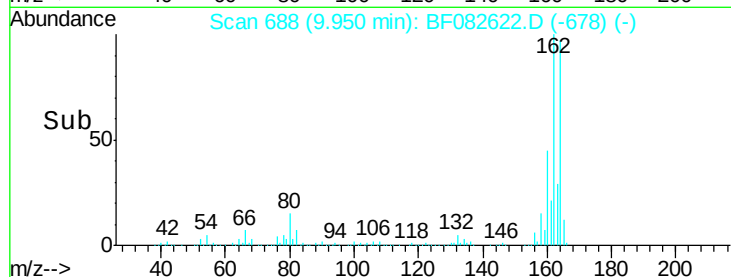
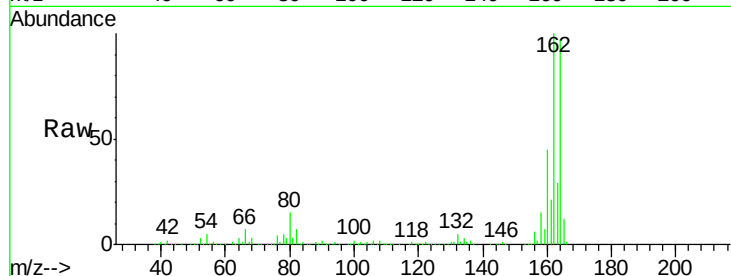




#56
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.18 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

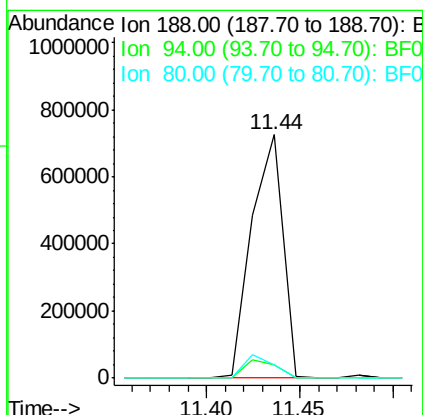
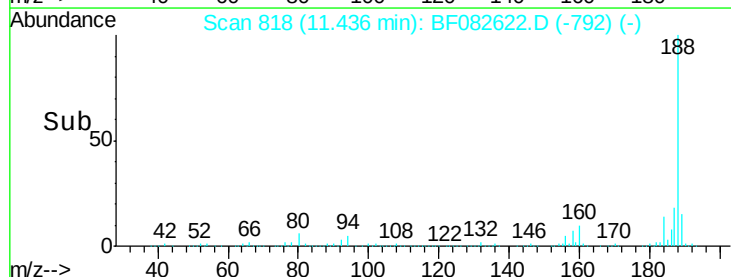
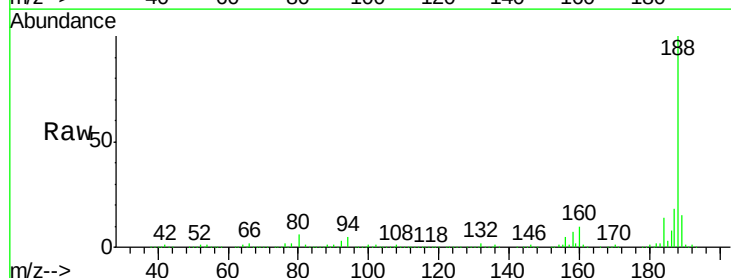
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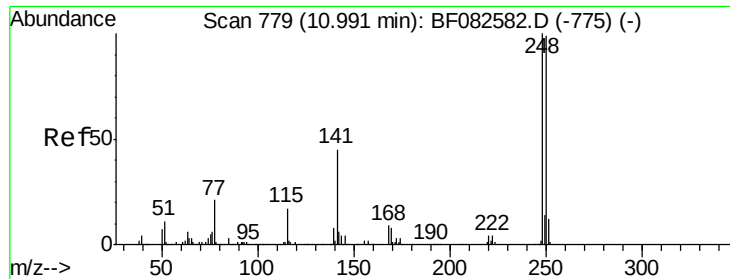
Tgt Ion:165 Resp: 64082
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.8 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Tgt Ion:188 Resp: 842207
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.1 9.1#
 80 5.6 7.0 10.6#

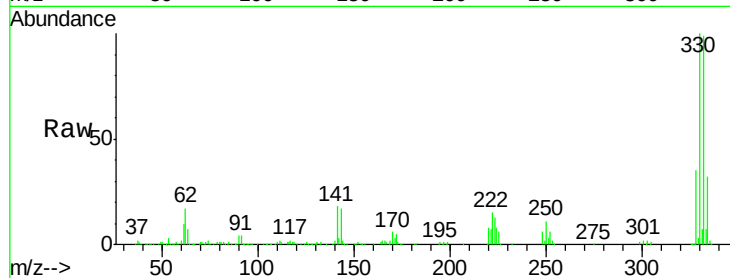




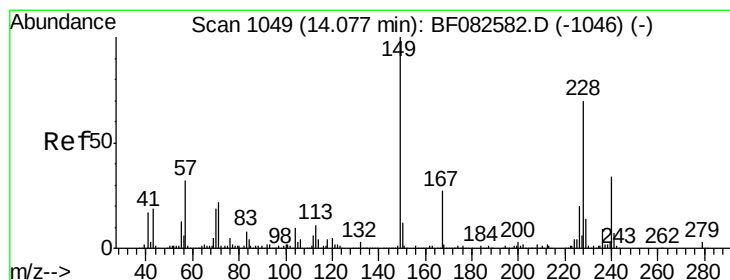
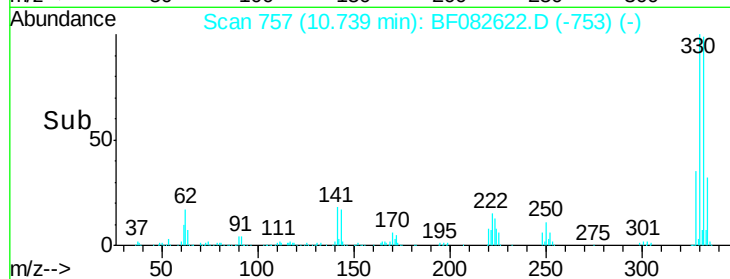
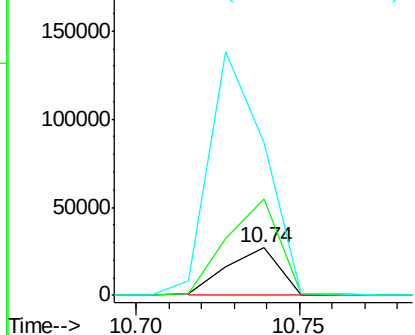
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 T-22L

Tgt Ion: 248 Resp: 29838
 Ion Ratio Lower Upper
 248 100
 250 203.3 79.4 119.2#
 141 322.3 36.3 54.5#

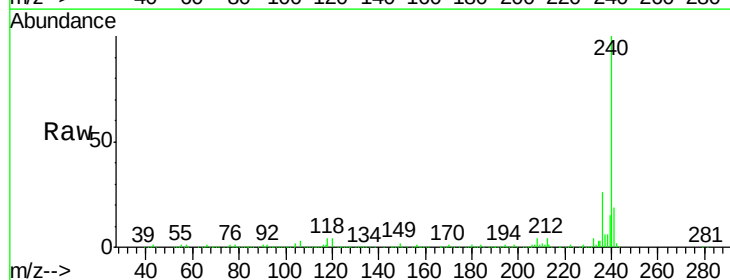


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

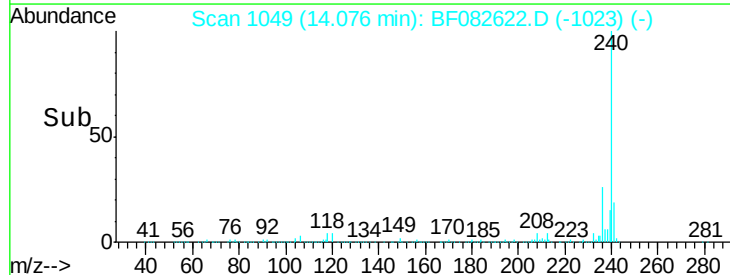
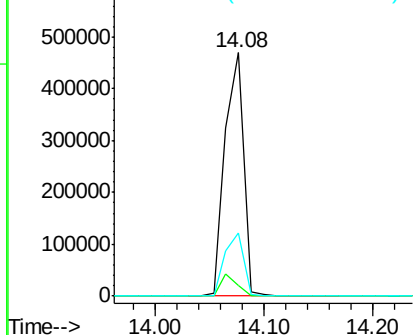


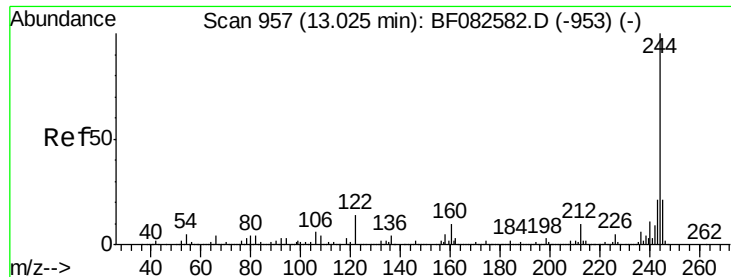
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082622.D
 Acq: 31 Oct 2015 15:34

Tgt Ion: 240 Resp: 558757
 Ion Ratio Lower Upper
 240 100
 120 4.3 10.9 16.3#
 236 25.9 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: 58.85 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

Instrument :

BNA_F

ClientSampleId :

T-22L

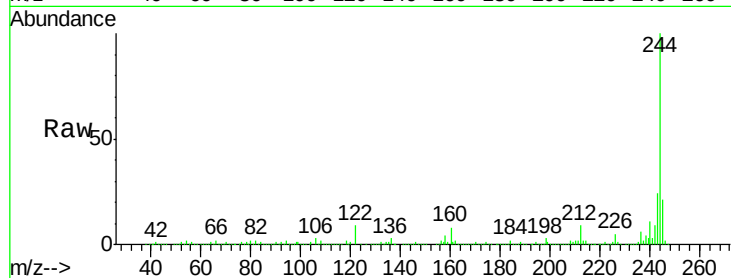
Tgt Ion:244 Resp: 1502535

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

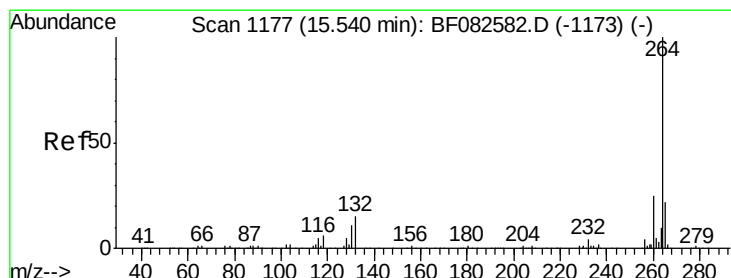
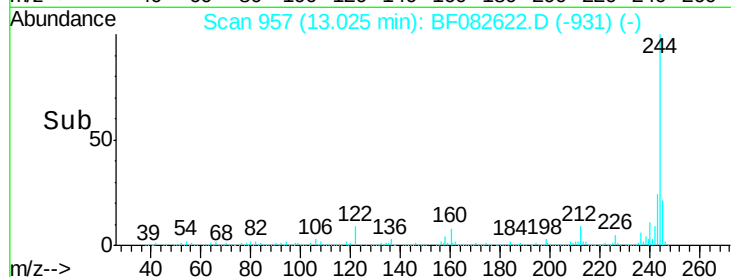
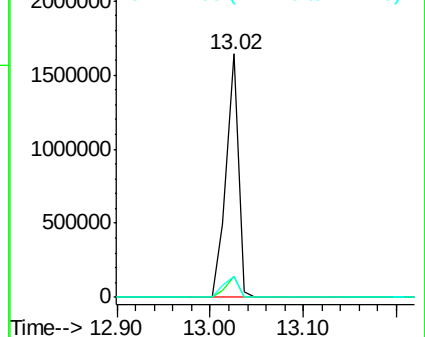
122 8.7 11.3 16.9#



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: 15.53 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF082622.D

Acq: 31 Oct 2015 15:34

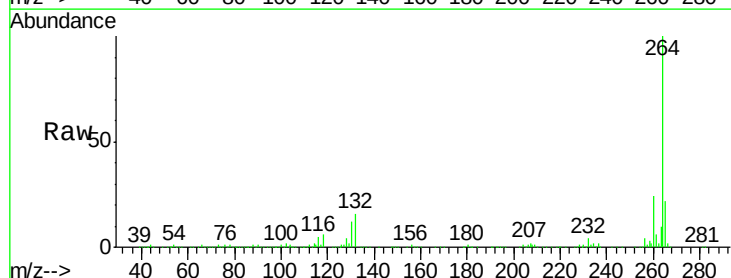
Tgt Ion:264 Resp: 502583

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.7 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

