

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082616.D
 Acq On : 31 Oct 2015 12:40
 Operator : UM/IZ
 Sample : G4191-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-26-C

Quant Time: Nov 02 00:29:09 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

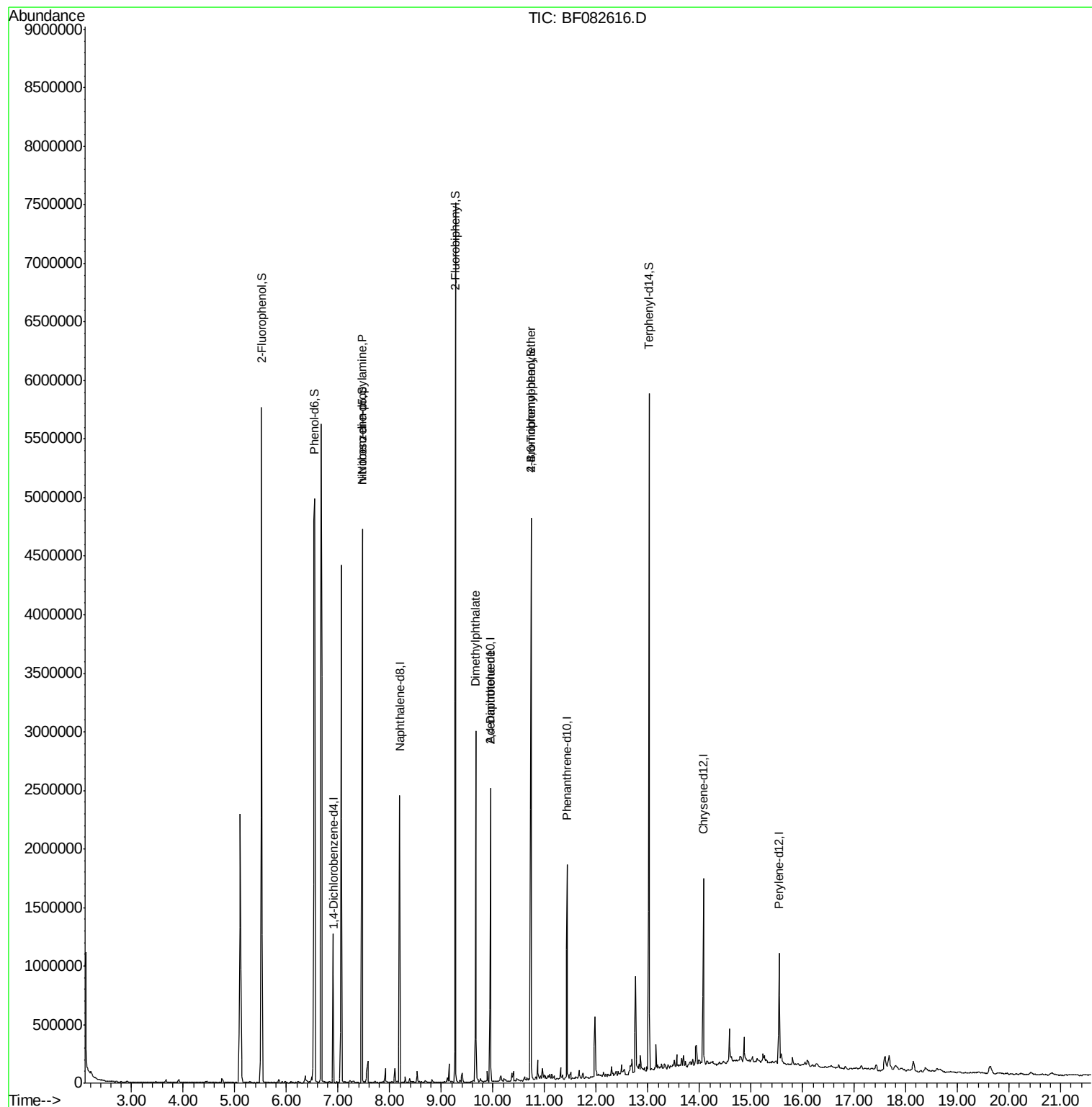
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	226044	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	900104	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	469384	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	805960	20.00	ng	0.00
75) Chrysene-d12	14.08	240	541892	20.00	ng	0.00
86) Perylene-d12	15.54	264	480050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1656466	110.37	ng	0.01
7) Phenol-d6	6.54	99	2589120	129.86	ng	0.01
23) Nitrobenzene-d5	7.47	82	1766744	80.15	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	543348	105.77	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2303381	69.67	ng	0.00
78) Terphenyl-d14	13.03	244	1583802	63.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	258915	17.13	ng	Qvalue # 69
49) Dimethylphthalate	9.66	163	1006349	26.25	ng	100
56) 2,4-Dinitrotoluene	9.95	165	59412	5.53	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	40555	4.44	ng	# 1

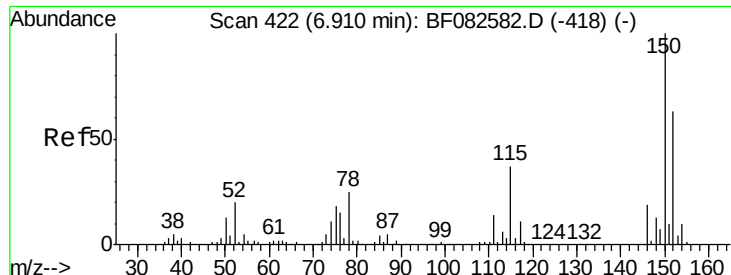
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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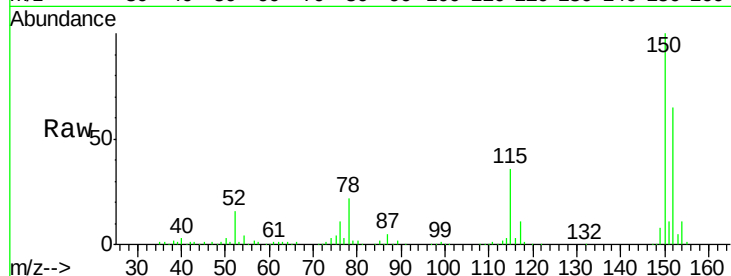


#1

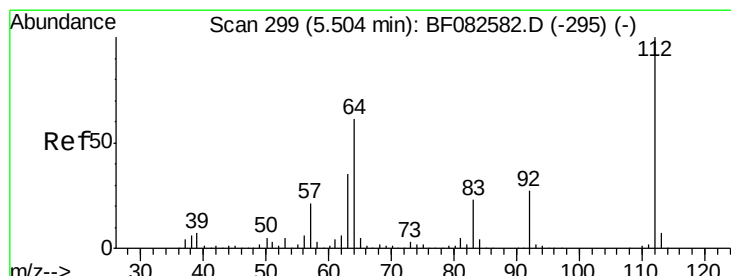
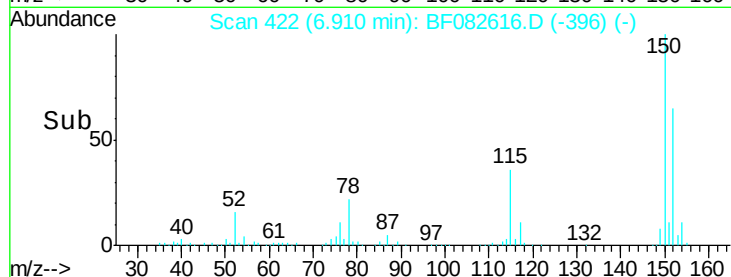
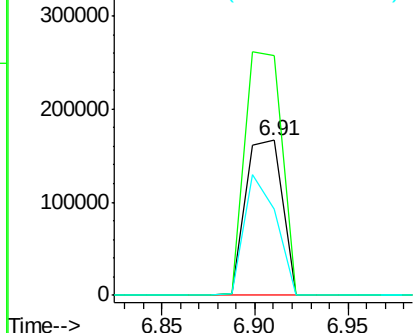
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF082616.D
Acq: 31 Oct 2015 12:40

Instrument :
BNA_F
ClientSampleId :
T-26-C

Tgt Ion:152 Resp: 226044
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.4
115 55.3 47.0 70.6



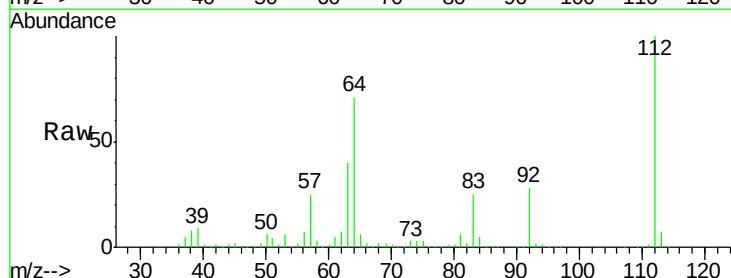
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



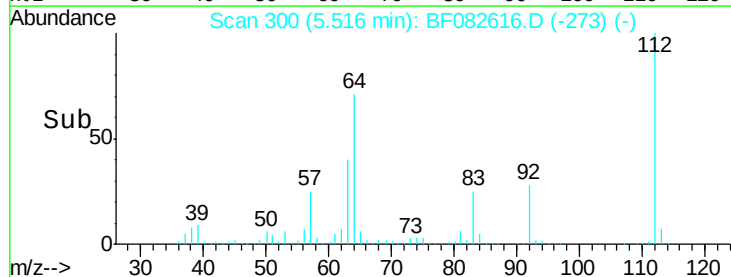
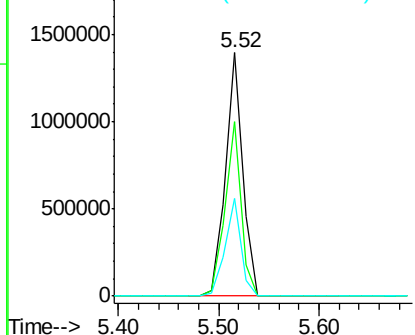
#5

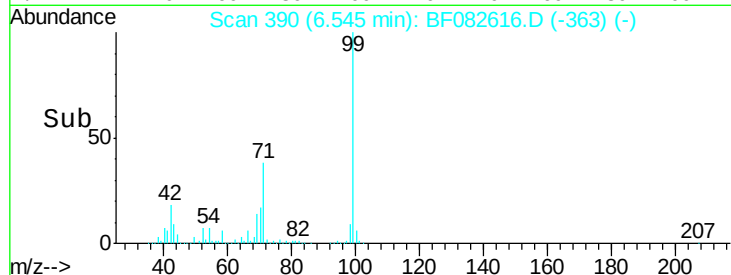
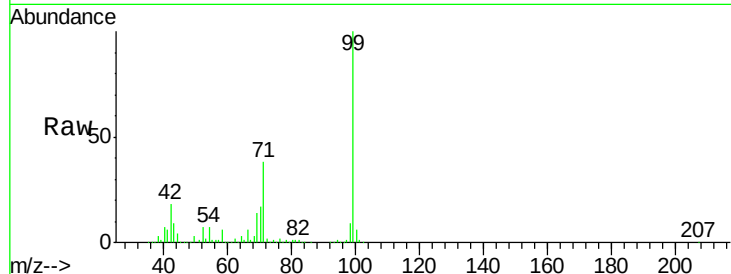
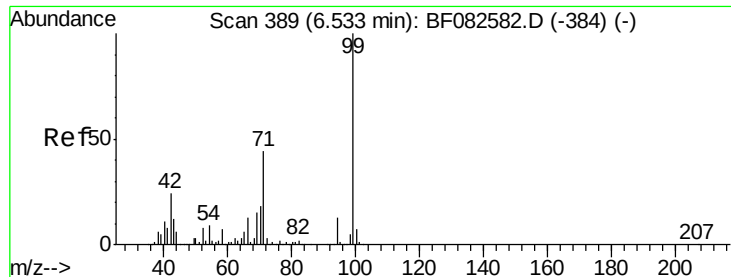
2-Fluorophenol
Concen: 110.37 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082616.D
Acq: 31 Oct 2015 12:40

Tgt Ion:112 Resp: 1656466
Ion Ratio Lower Upper
112 100
64 71.5 48.9 73.3
63 39.9 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: 129.86 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

Instrument :

BNA_F

ClientSampleId :

T-26-C

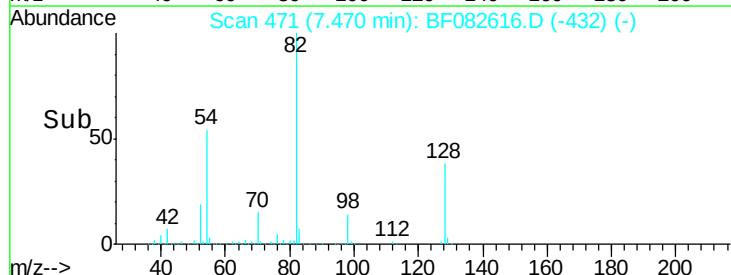
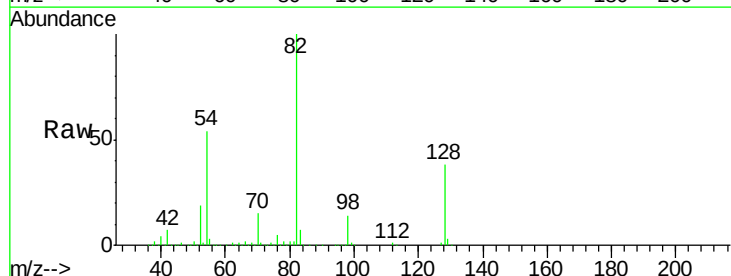
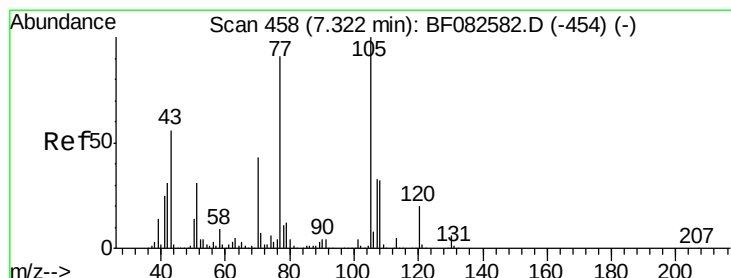
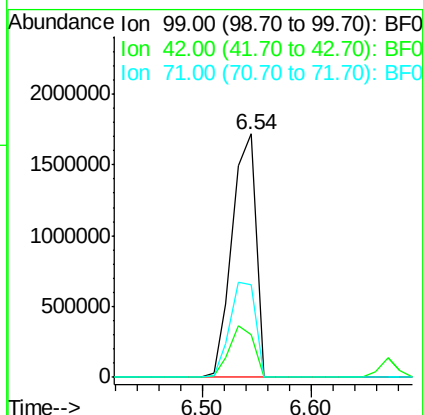
Tgt Ion: 99 Resp: 2589120

Ion Ratio Lower Upper

99 100

42 17.6 19.2 28.8#

71 38.1 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

Tgt Ion: 70 Resp: 258915

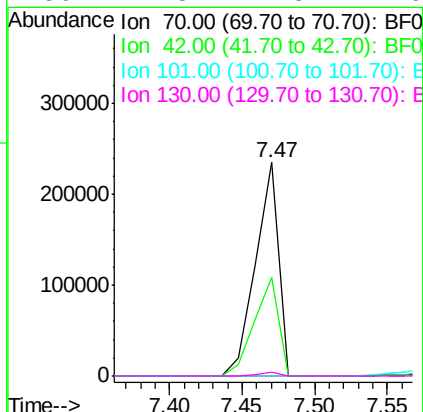
Ion Ratio Lower Upper

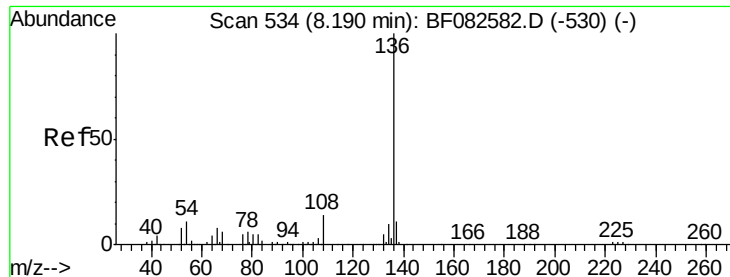
70 100

42 46.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

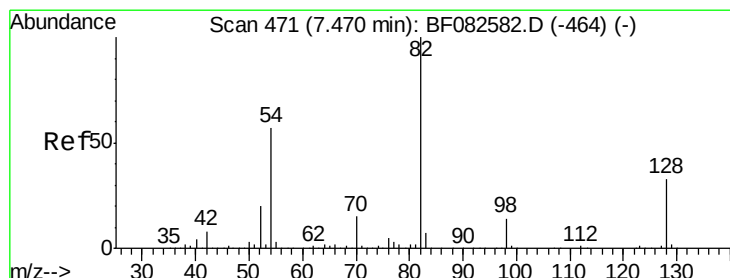
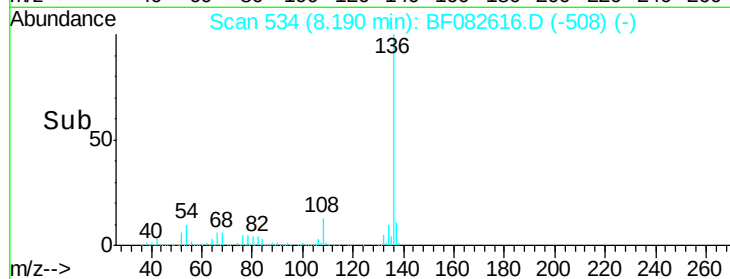
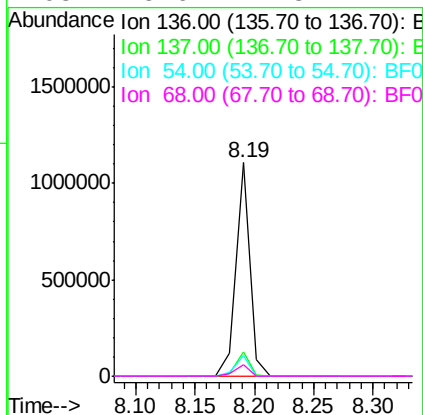
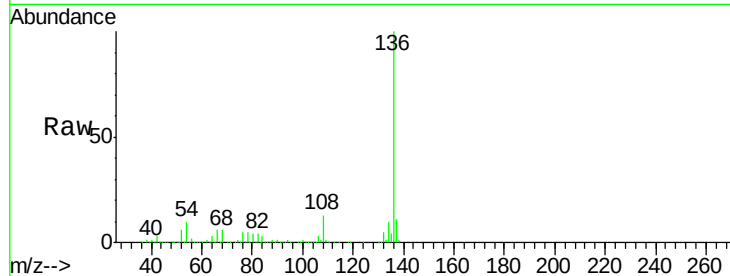




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082616.D
Acq: 31 Oct 2015 12:40

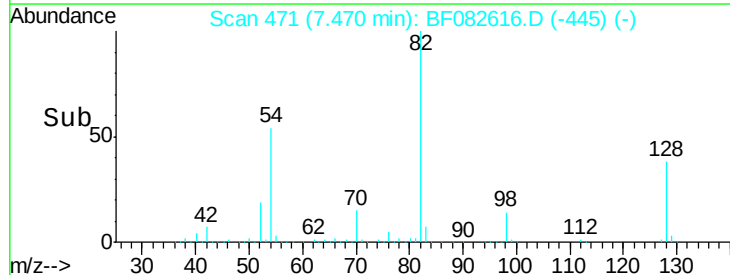
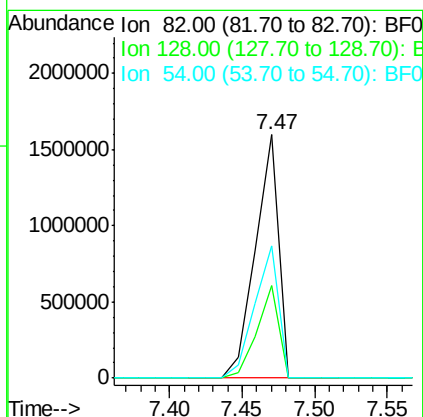
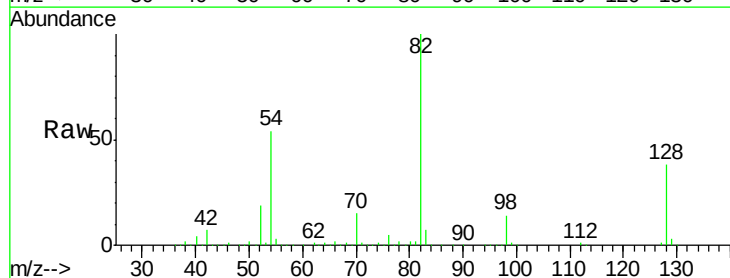
Instrument :
BNA_F
ClientSampleId :
T-26-C

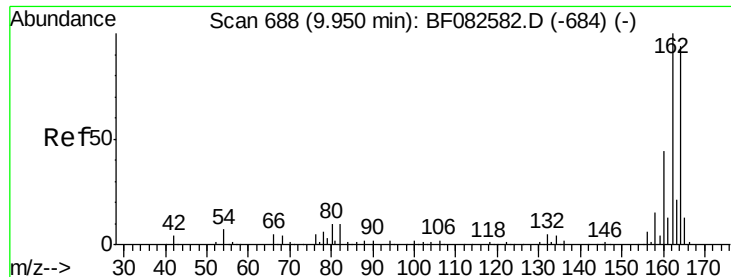
Tgt Ion:	136	Resp:	900104
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	9.1	13.7
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.15 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF082616.D
Acq: 31 Oct 2015 12:40

Tgt Ion:	82	Resp:	1766744
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.8	40.2
54	54.5	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: BF082616.D

Acq: 31 Oct 2015 12:40

Instrument :

BNA_F

ClientSampleId :

T-26-C

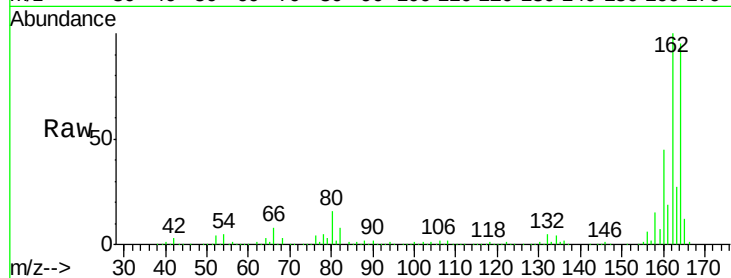
Tgt Ion:164 Resp: 469384

Ion Ratio Lower Upper

164 100

162 105.5 84.9 127.3

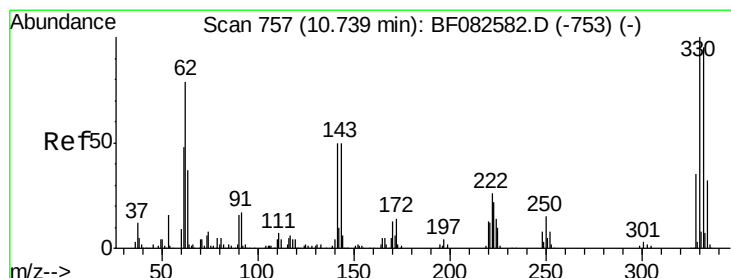
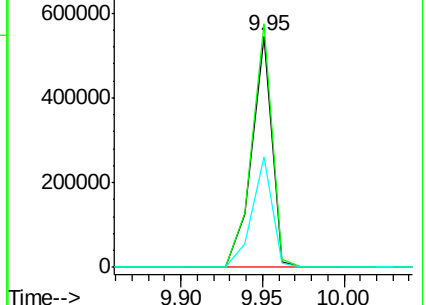
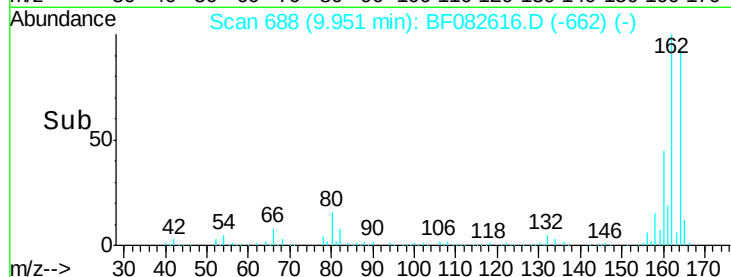
160 47.7 37.5 56.3



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: 105.77 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

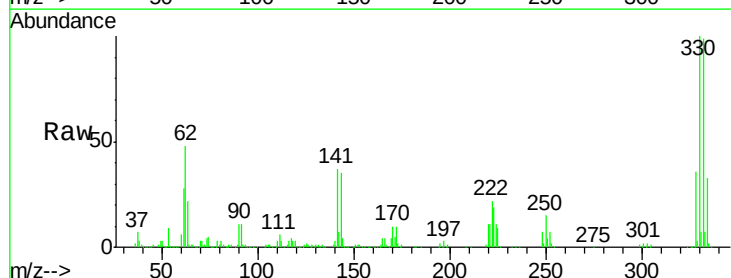
Tgt Ion:330 Resp: 543348

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

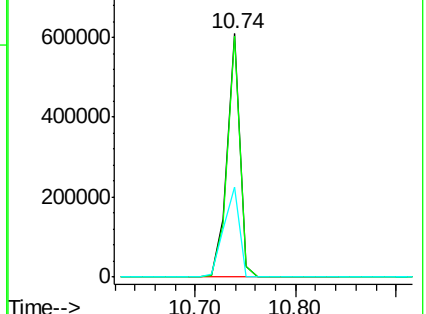
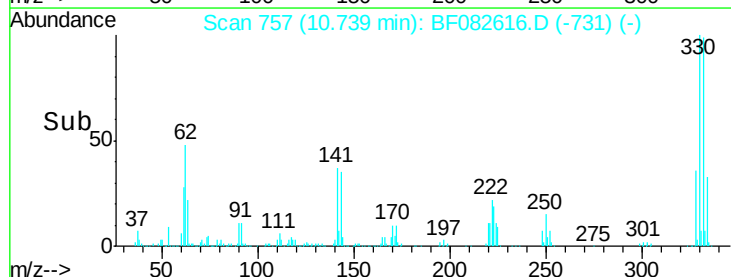
141 44.9 41.2 61.8

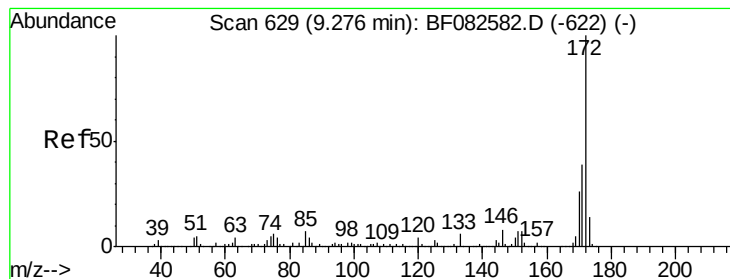


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.67 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

Instrument :

BNA_F

ClientSampleId :

T-26-C

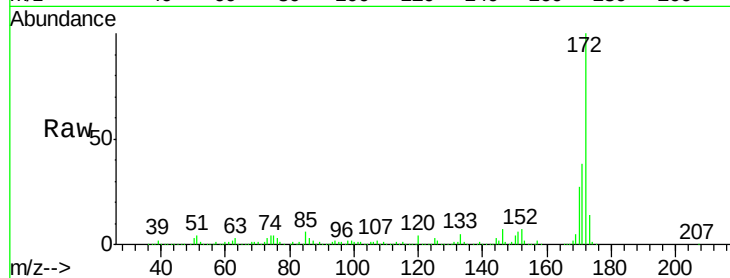
Tgt Ion:172 Resp: 2303381

Ion Ratio Lower Upper

172 100

171 38.1 30.8 46.2

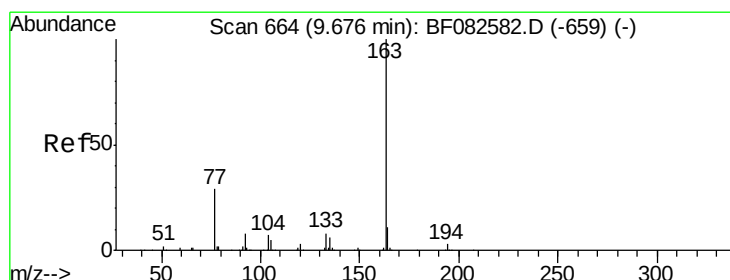
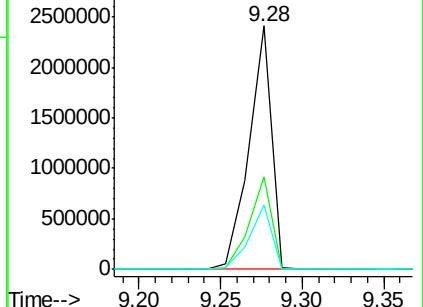
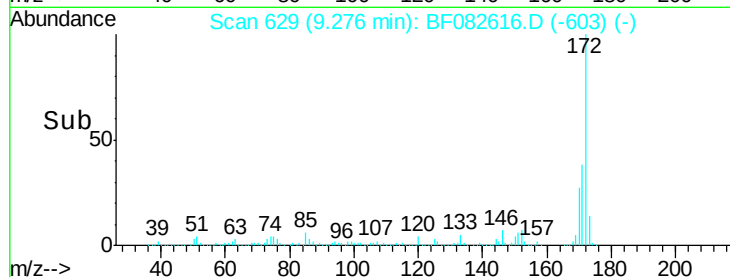
170 26.7 21.2 31.8



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: 26.25 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

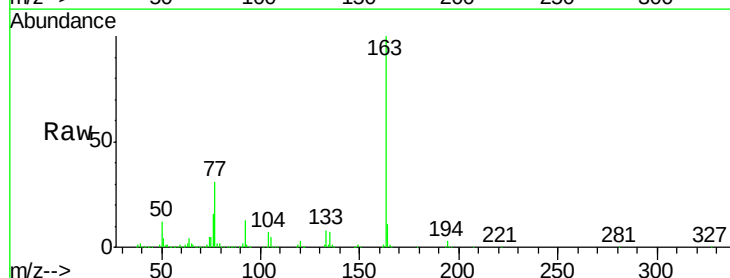
Tgt Ion:163 Resp: 1006349

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

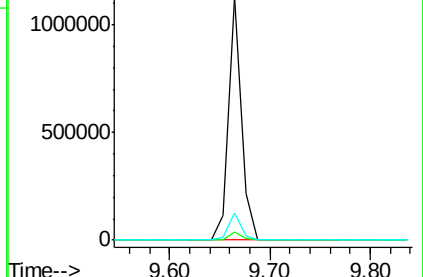
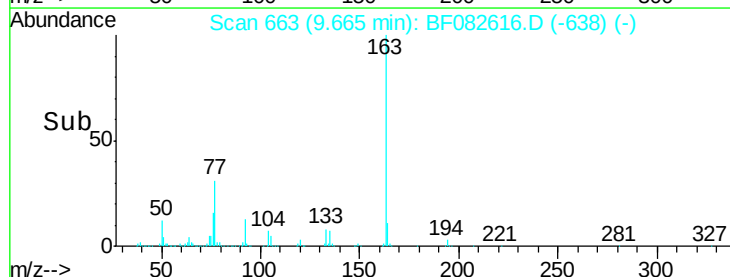
164 11.1 8.7 13.1

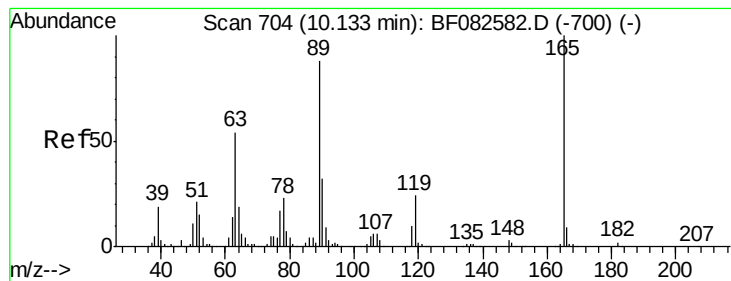


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.53 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

Instrument :

BNA_F

ClientSampleId :

T-26-C

Tgt Ion:165 Resp: 59412

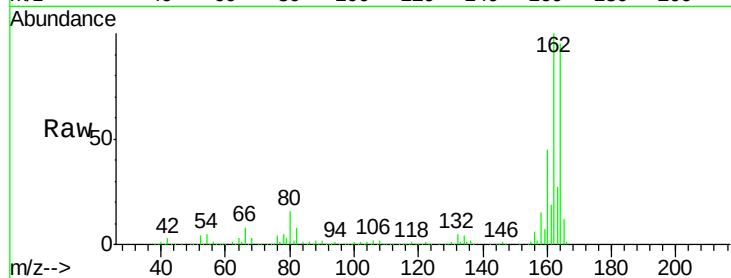
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.7 70.6 106.0#

182 0.0 1.5 2.3#

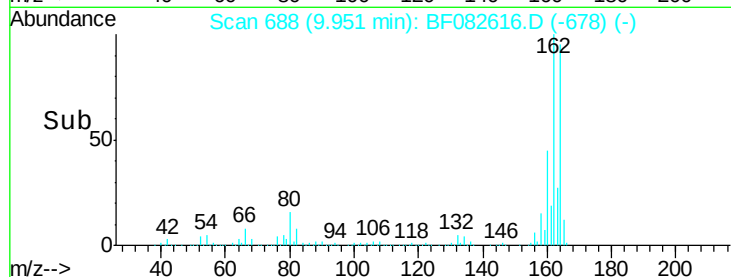


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

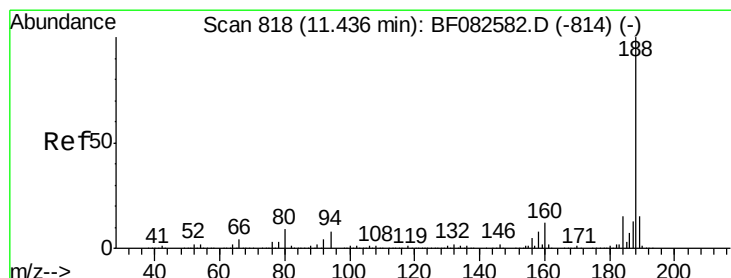
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

9.95



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

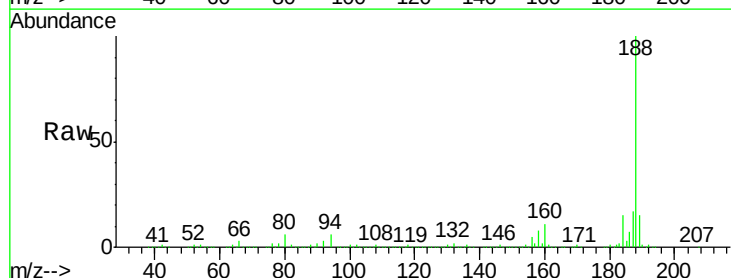
Tgt Ion:188 Resp: 805960

Ion Ratio Lower Upper

188 100

94 5.9 6.1 9.1#

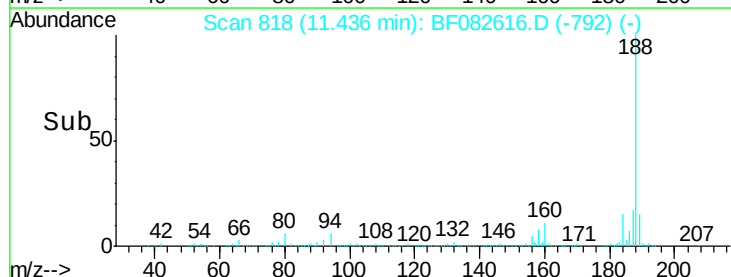
80 5.9 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

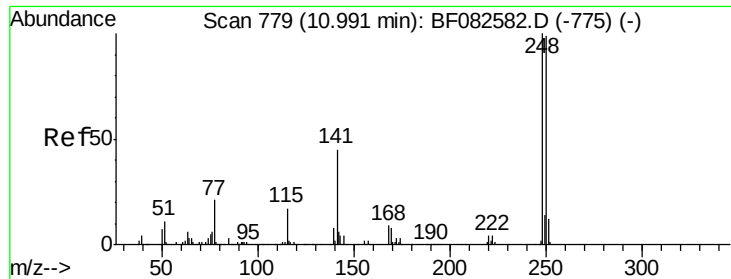
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

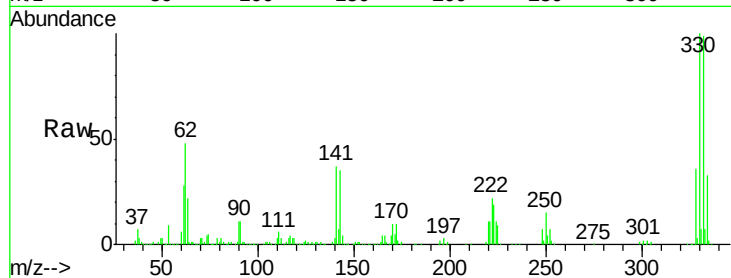
11.44



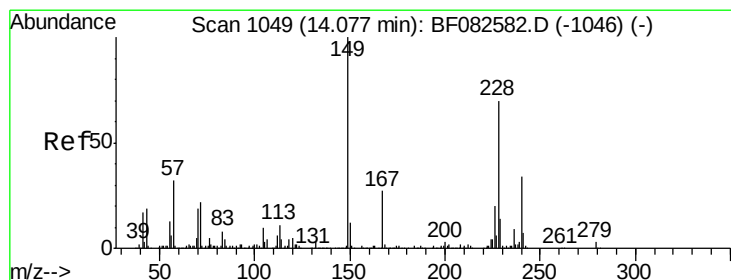
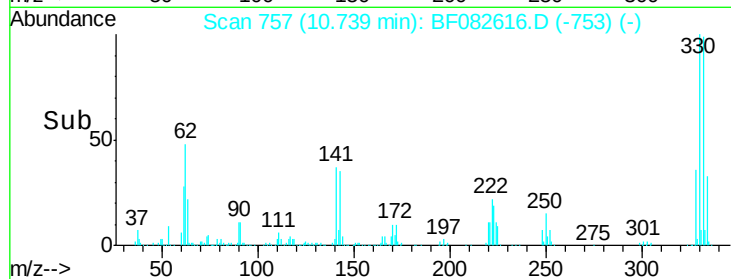
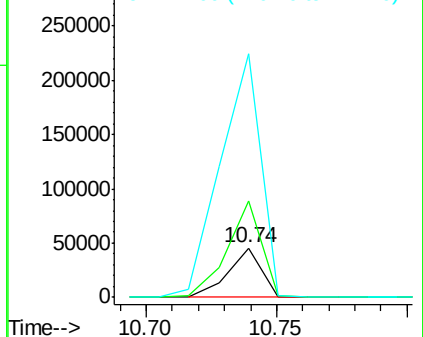
#66
 4-Bromophenyl-phenylether
 Concen: 4.44 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082616.D
 Acq: 31 Oct 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 T-26-C

Tgt Ion:248 Resp: 40555
 Ion Ratio Lower Upper
 248 100
 250 197.8 79.4 119.2#
 141 496.2 36.3 54.5#

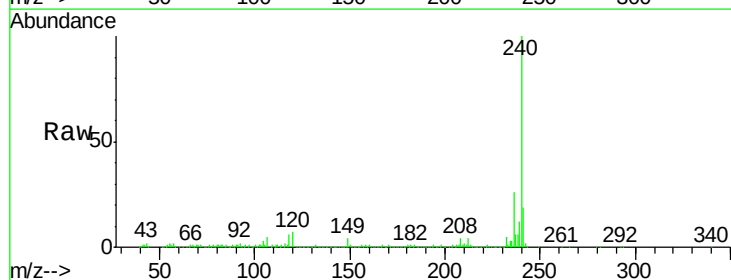


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

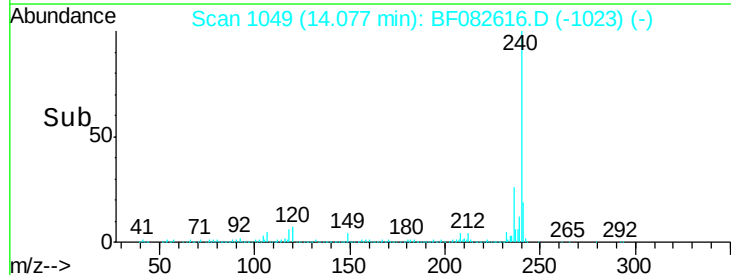
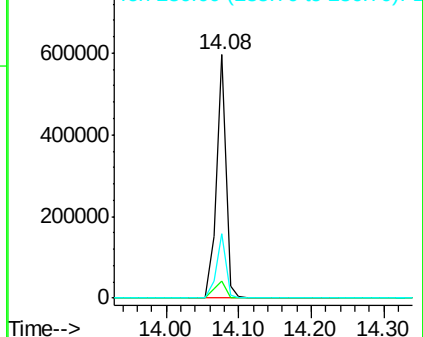


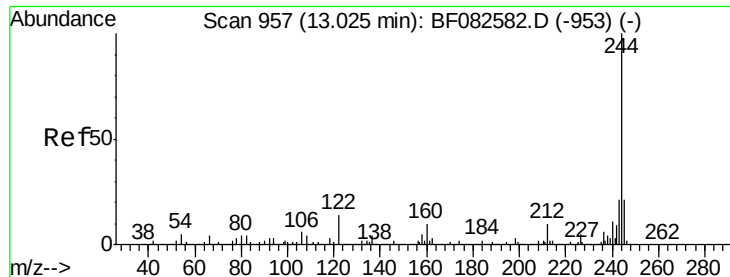
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF082616.D
 Acq: 31 Oct 2015 12:40

Tgt Ion:240 Resp: 541892
 Ion Ratio Lower Upper
 240 100
 120 6.9 10.9 16.3#
 236 26.4 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: 63.96 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF082616.D

Acq: 31 Oct 2015 12:40

Instrument :

BNA_F

ClientSampleId :

T-26-C

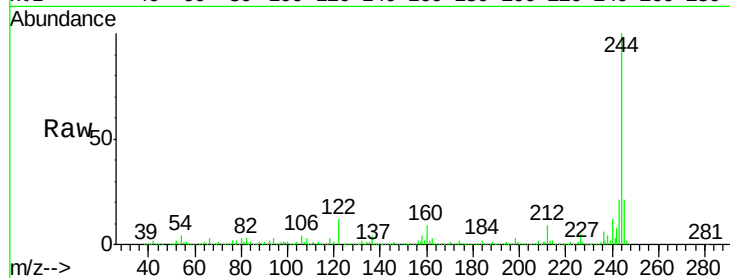
Tgt Ion:244 Resp: 1583802

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

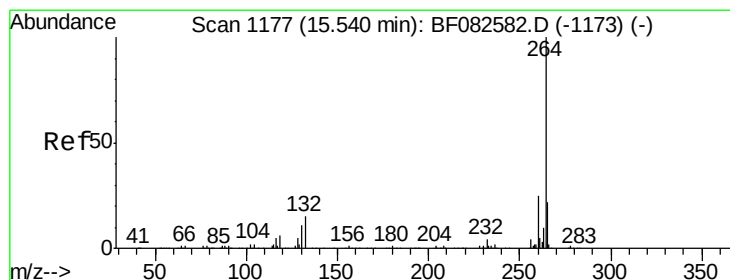
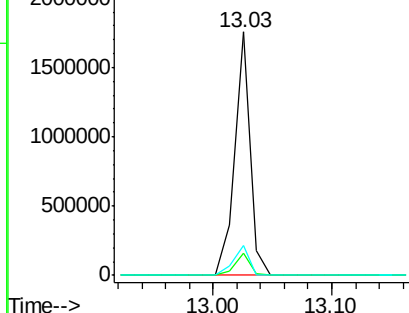
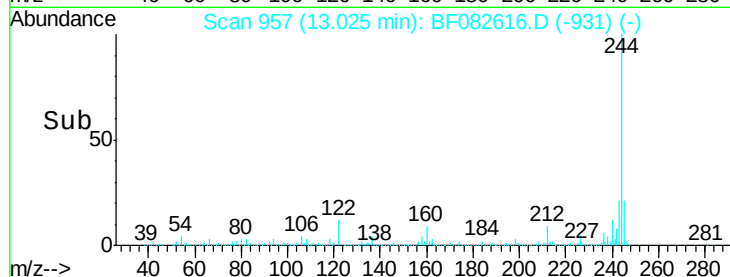
122 12.0 11.3 16.9



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: BF082616.D

Acq: 31 Oct 2015 12:40

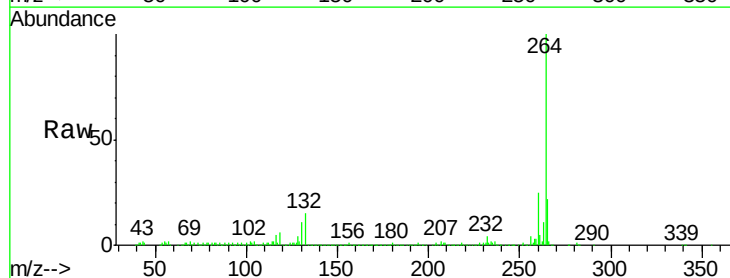
Tgt Ion:264 Resp: 480050

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.6

265 22.3 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

