

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082300.D
 Acq On : 15 Oct 2015 5:17
 Operator : UM/IZ
 Sample : G4015-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1

Quant Time: Oct 15 06:07:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:19:20 2015
 Response via : Initial Calibration

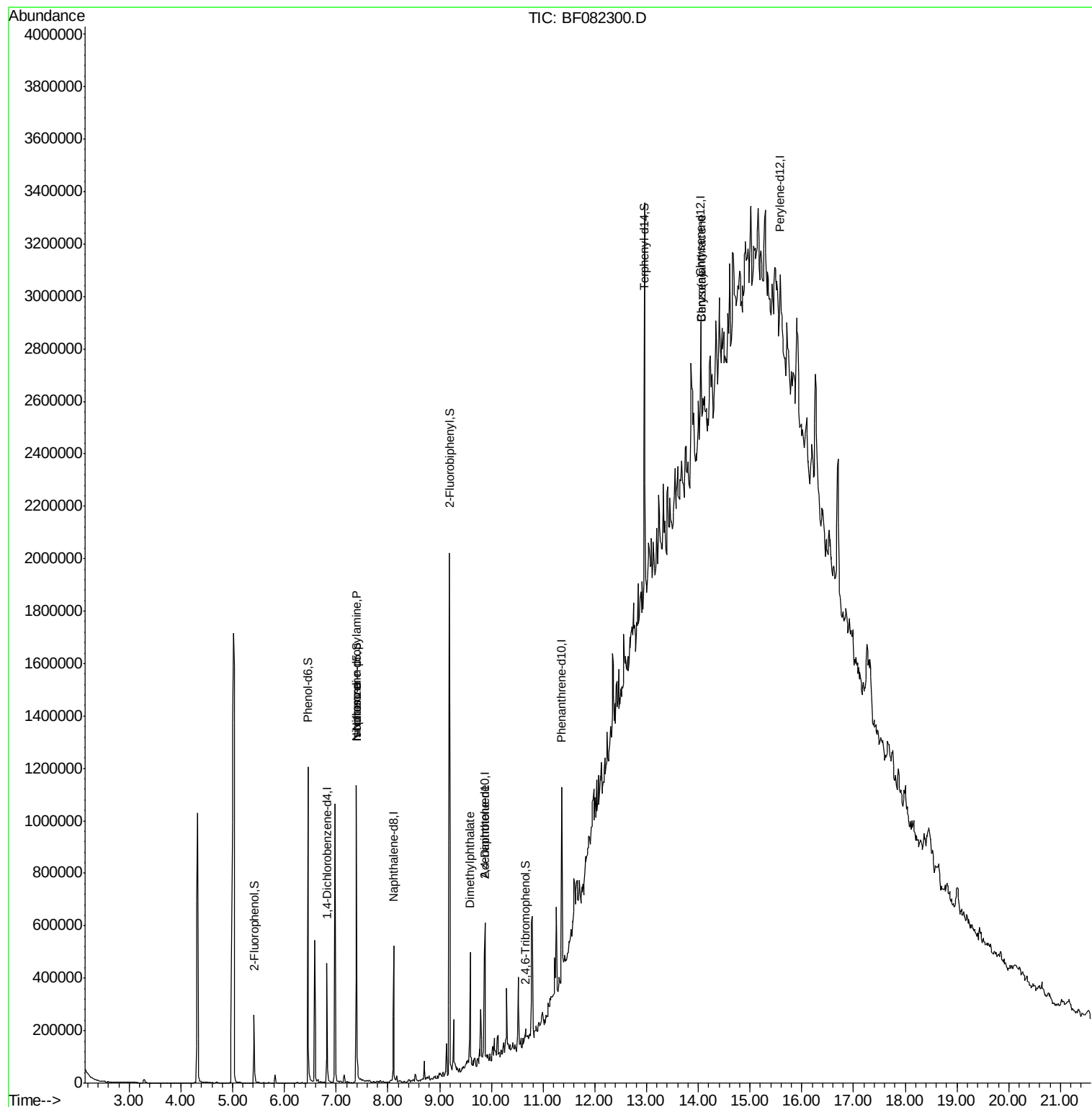
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76757	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	300020	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148433	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	285484	20.00	ng	0.00
75) Chrysene-d12	14.05	240	165412	20.00	ng	0.01
86) Perylene-d12	15.58	264	141178	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	96201	25.29	ng	0.01
7) Phenol-d6	6.46	99	429092	86.70	ng	-0.01
23) Nitrobenzene-d5	7.39	82	424584	95.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	8686	6.24	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	792661	88.56	ng	-0.01
78) Terphenyl-d14	12.96	244	590931	94.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	56804	16.34	ng	# 77
25) Isophorone	7.39	82	313238	34.74	ng	# 66
49) Dimethylphthalate	9.59	163	91318	8.74	ng	# 99
55) 4-Nitrophenol	9.98	139	453	Below Cal	#	1
56) 2,4-Dinitrotoluene	9.87	165	22627	8.21	ng	# 21
80) Benzo(a)anthracene	14.06	228	19429	2.26	ng	# 61
82) Chrysene	14.06	228	19429	2.14	ng	# 65

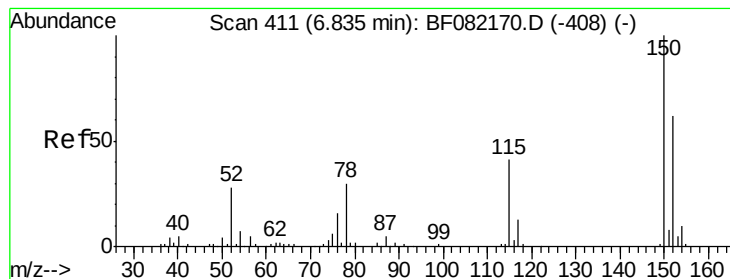
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

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BNA_F
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LF-1

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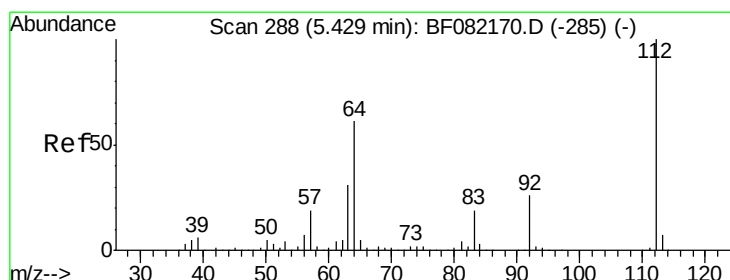
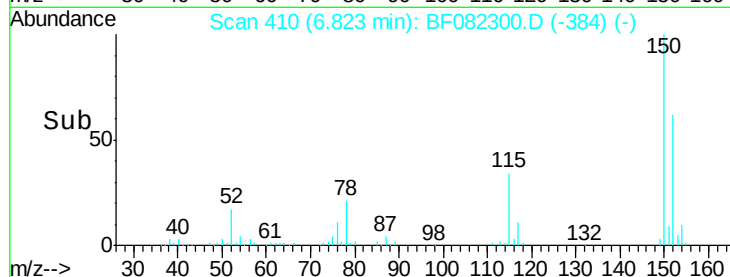
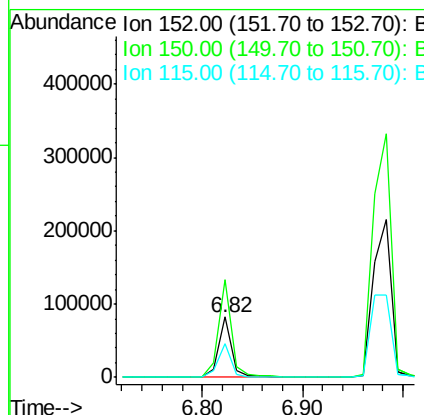
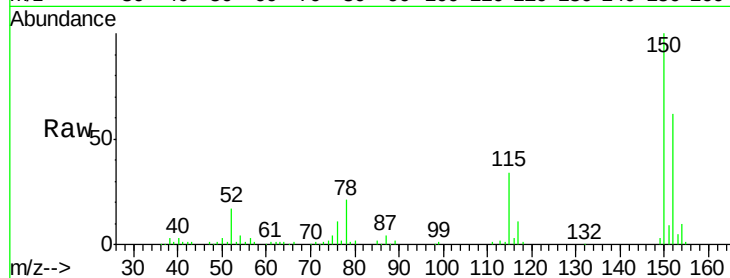


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082300.D
Acq: 15 Oct 2015 5:17

Instrument :
BNA_F
ClientSampleId :
LF-1

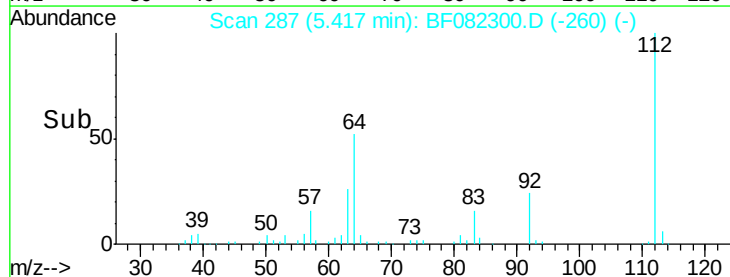
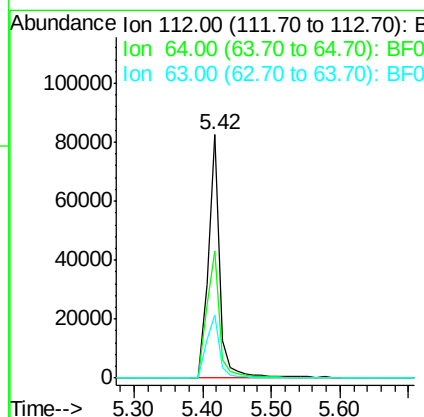
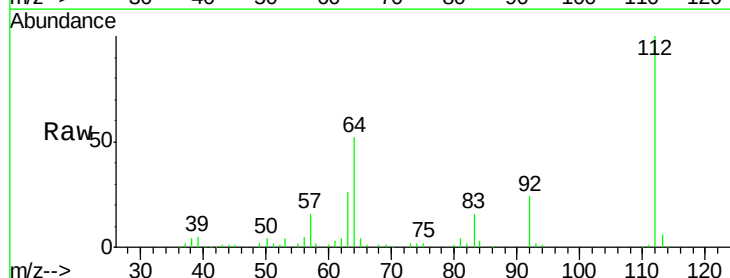
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	129.0	193.4
115	55.3	52.1	78.1

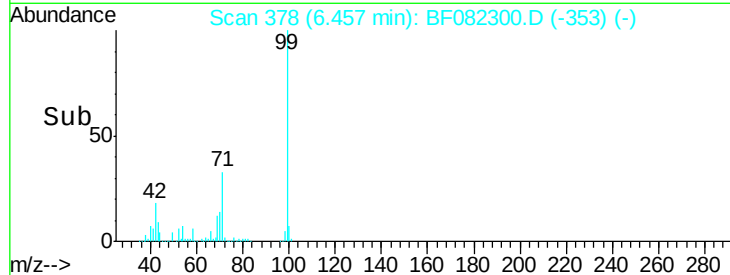
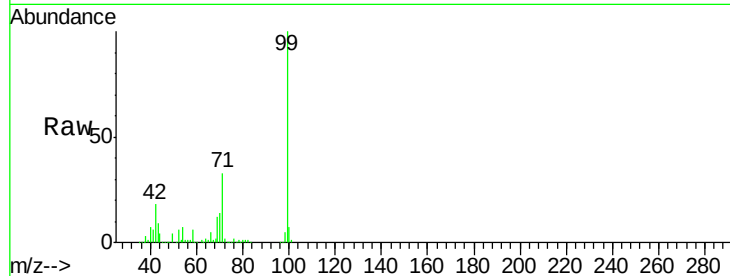
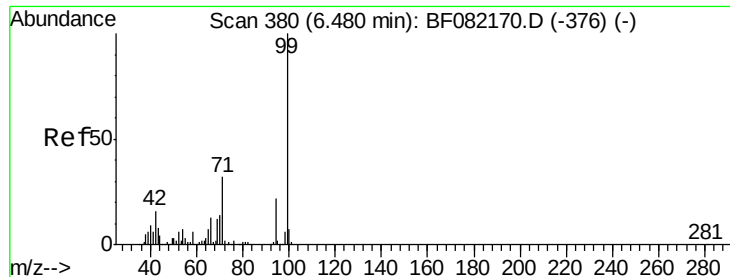


#5

2-Fluorophenol
Concen: 25.29 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082300.D
Acq: 15 Oct 2015 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	48.6	73.0
63	26.0	25.1	37.7





#7

Phenol-d6

Concen: 86.70 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Instrument :

BNA_F

ClientSampleId :

LF-1

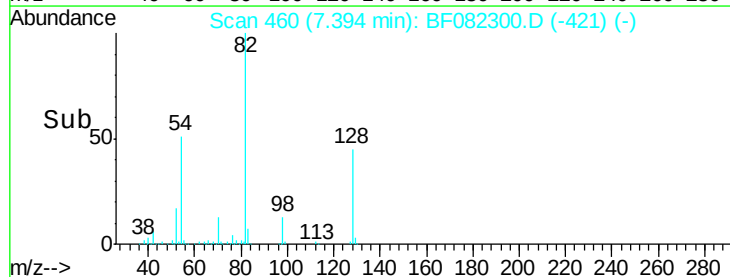
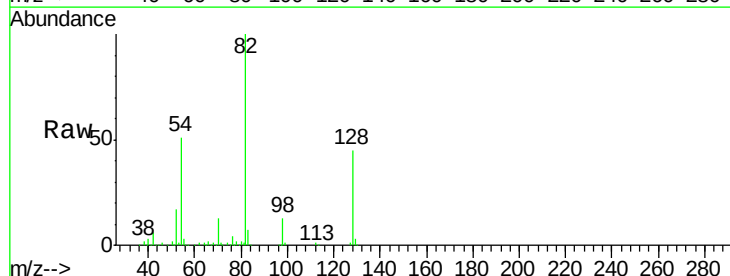
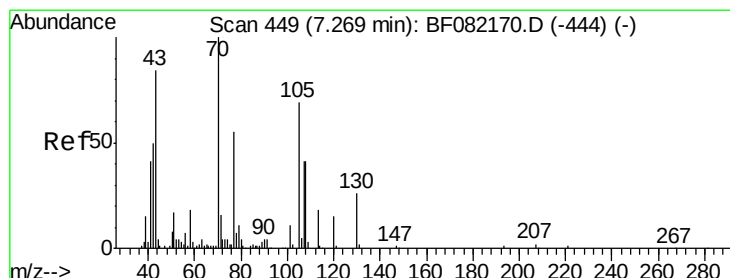
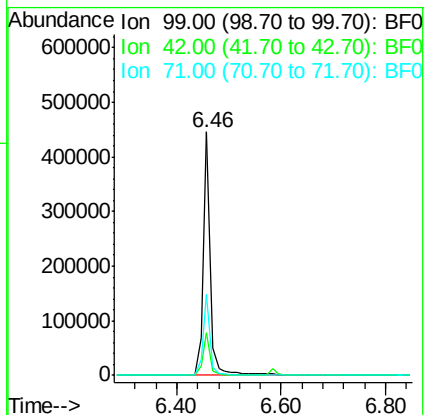
Tot Ion: 99 Resp: 429092

Ion Ratio Lower Upper

99 100

42 17.6 13.2 19.8

71 33.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Tgt Ion: 70 Resp: 56804

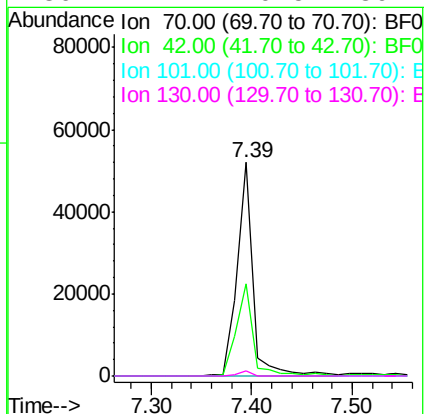
Ion Ratio Lower Upper

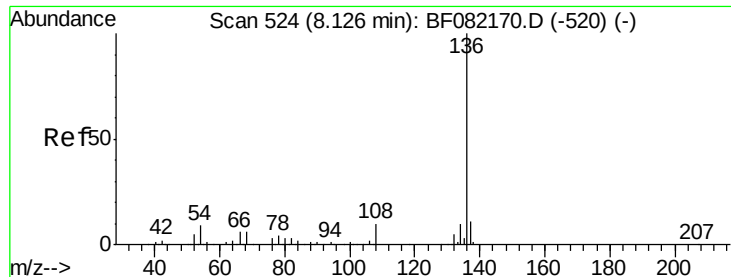
70 100

42 43.2 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

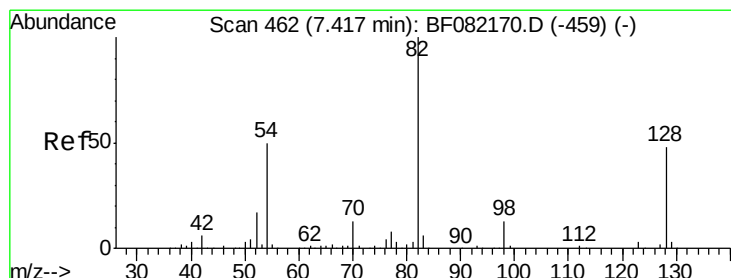
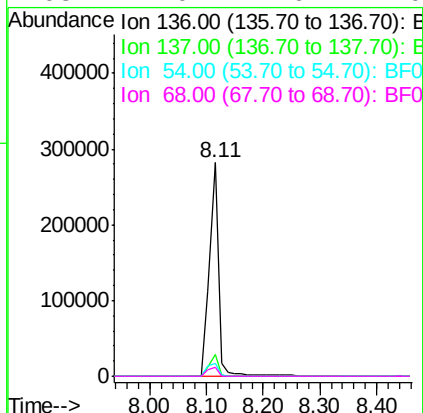
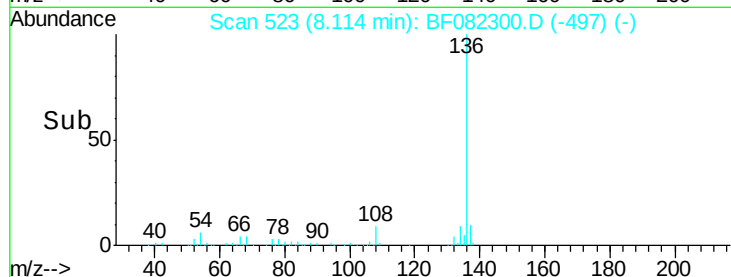
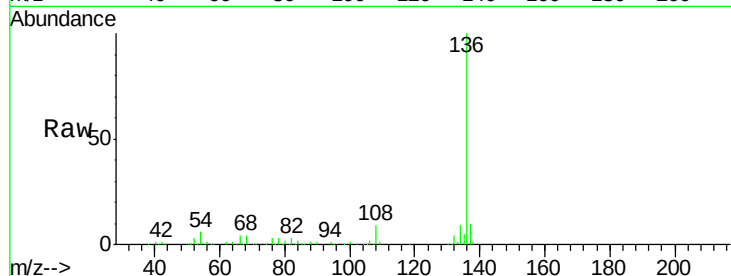




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082300.D
Acq: 15 Oct 2015 5:17

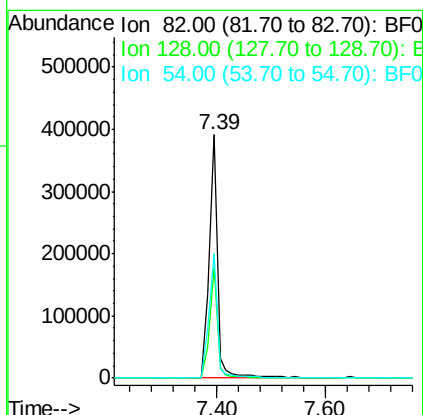
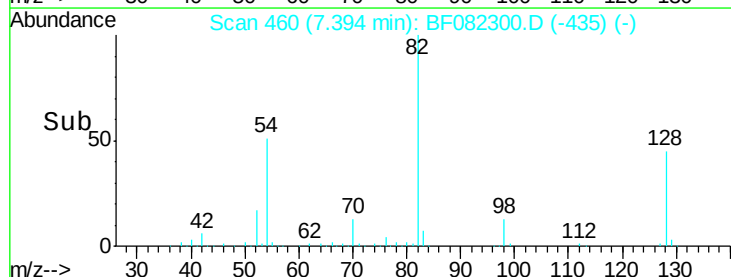
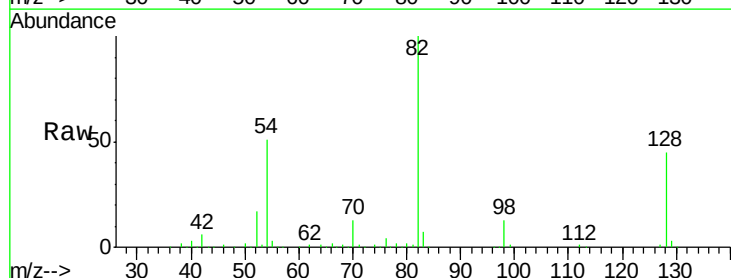
Instrument :
BNA_F
ClientSampleId :
LF-1

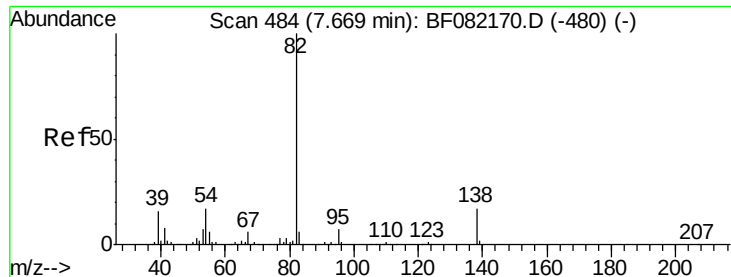
Tot Ion:136	Resp:	300020
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.0 13.6
54	5.9	7.5 11.3#
68	4.0	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 95.04 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082300.D
Acq: 15 Oct 2015 5:17

Tgt Ion: 82	Resp:	424584
Ion Ratio	Lower	Upper
82	100	
128	45.3	38.7 58.1
54	51.4	40.1 60.1





#25

Isophorone

Concen: 34.74 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Instrument :

BNA_F

ClientSampled :

LF-1

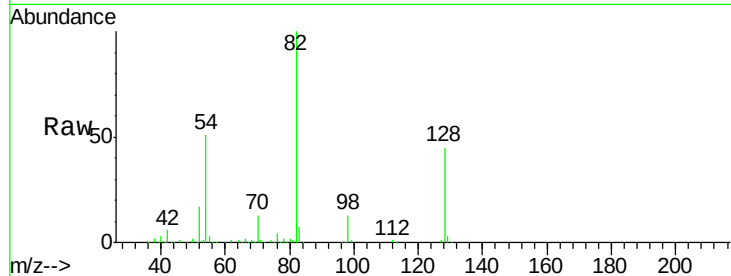
Tot Ion: 82 Resp: 313238

Ion Ratio Lower Upper

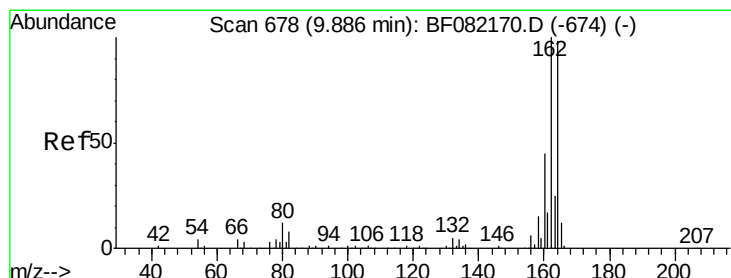
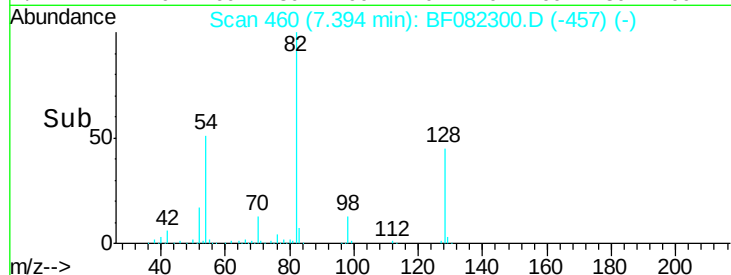
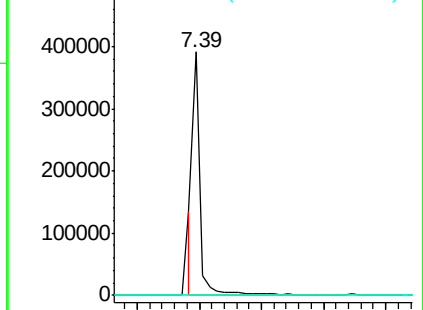
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

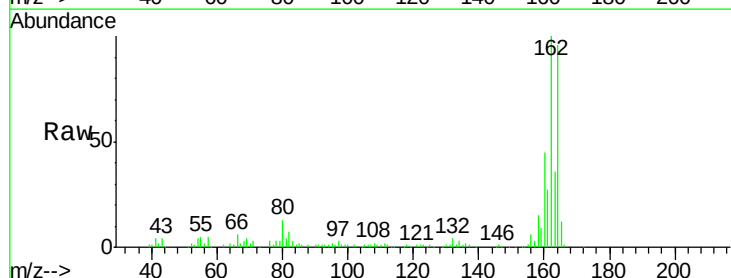
Tgt Ion: 164 Resp: 148433

Ion Ratio Lower Upper

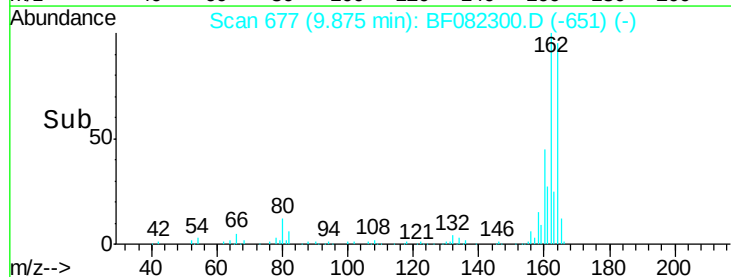
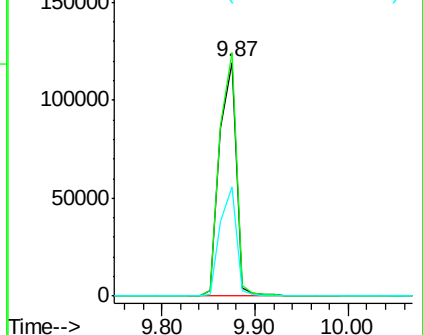
164 100

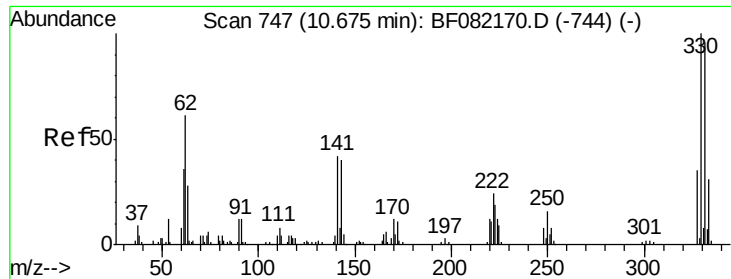
162 104.2 81.6 122.4

160 46.6 36.4 54.6



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

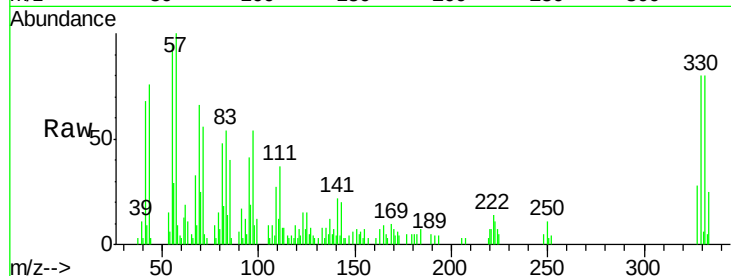




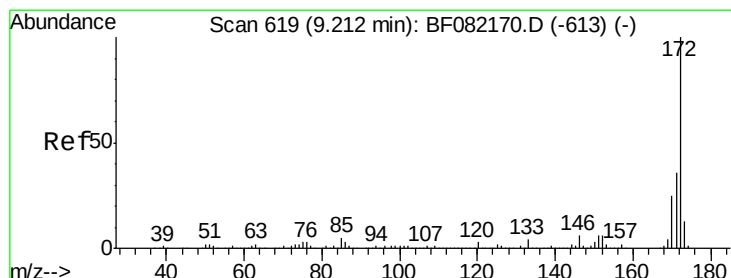
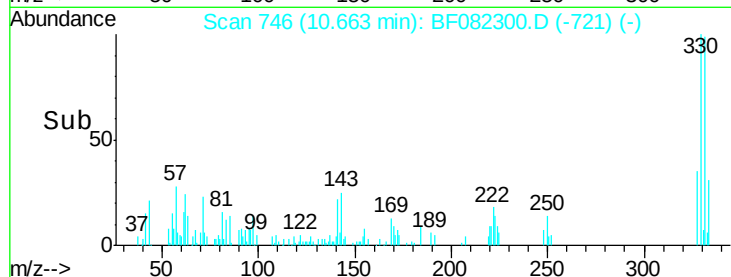
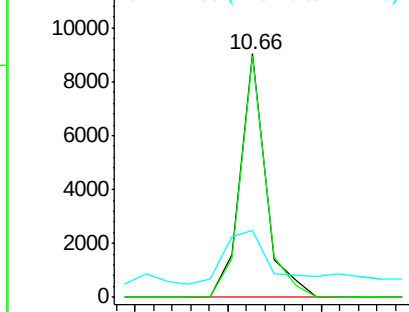
#41
 2,4,6-Tribromophenol
 Concen: 6.24 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 5:17

Instrument :
 BNA_F
 ClientSampleId :
 LF-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	38.1	29.8	44.8

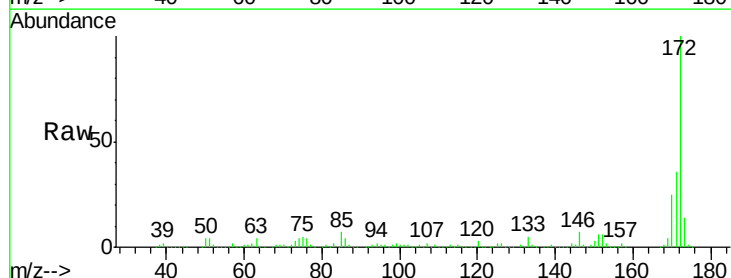


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

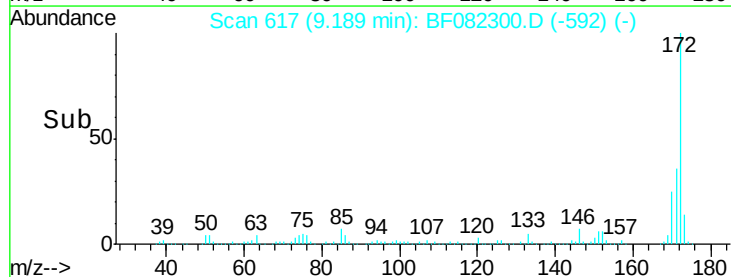
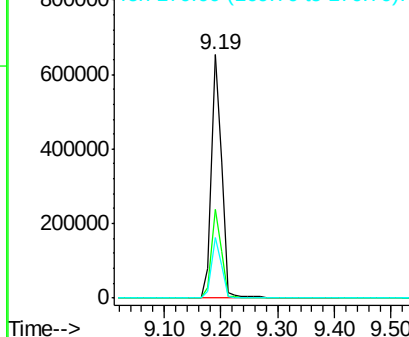


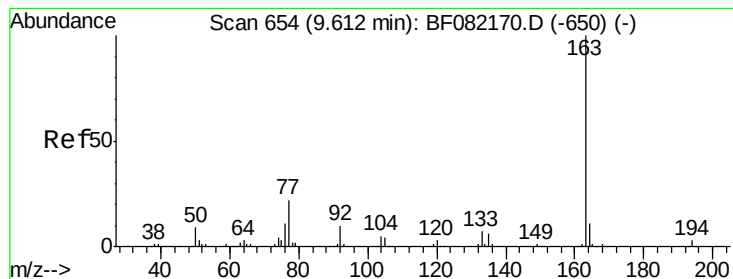
#44
 2-Fluorobiphenyl
 Concen: 88.56 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.8	19.7	29.5



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: 8.74 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Instrument :

BNA_F

ClientSampleId :

LF-1

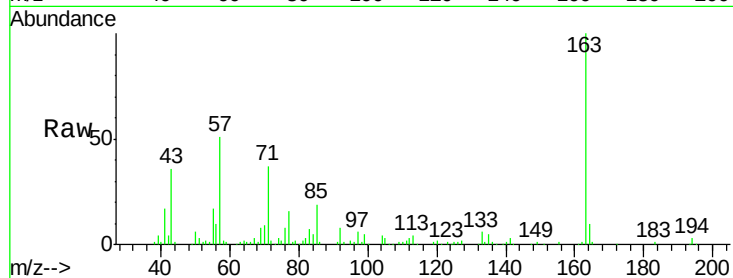
Tot Ion:163 Resp: 91318

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

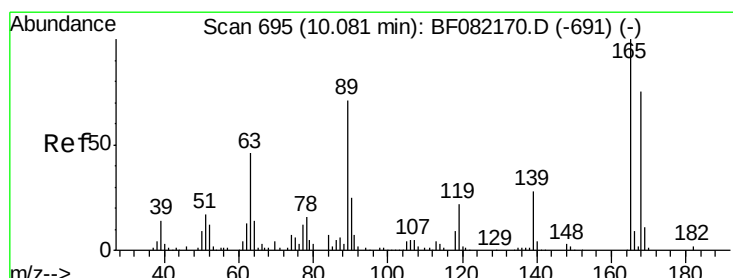
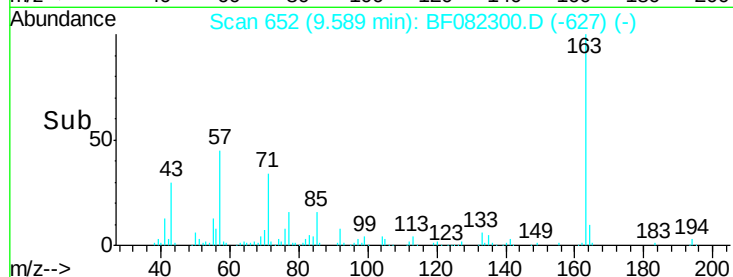
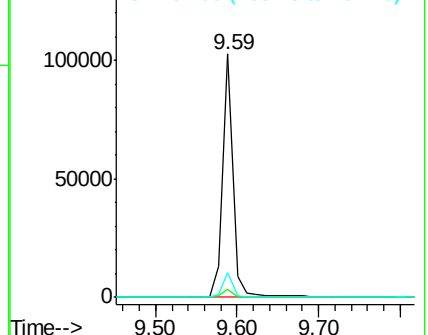
164 10.0 8.5 12.7



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: 8.21 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Tgt Ion:165 Resp: 22627

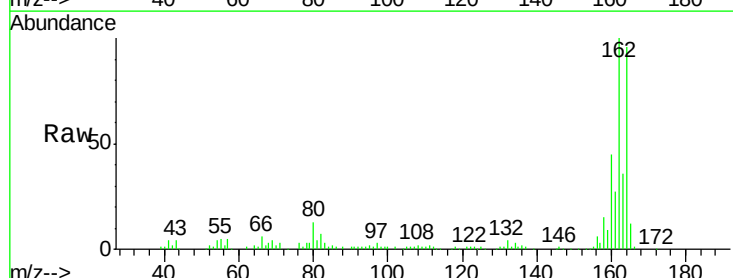
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

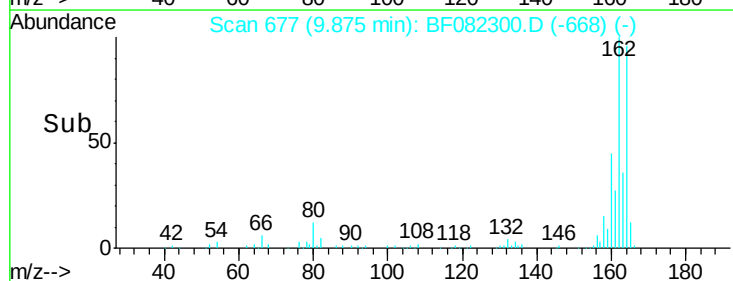
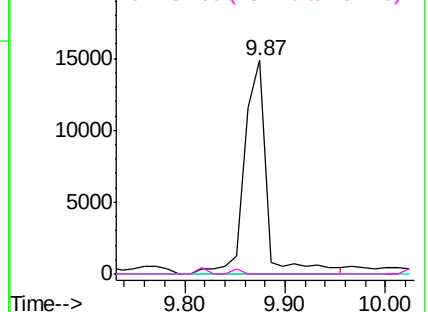


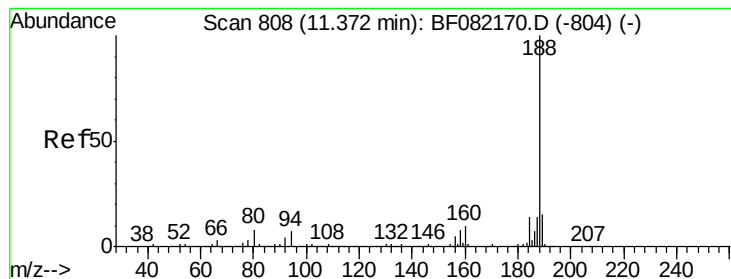
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Instrument :

BNA_F

ClientSampleId :

LF-1

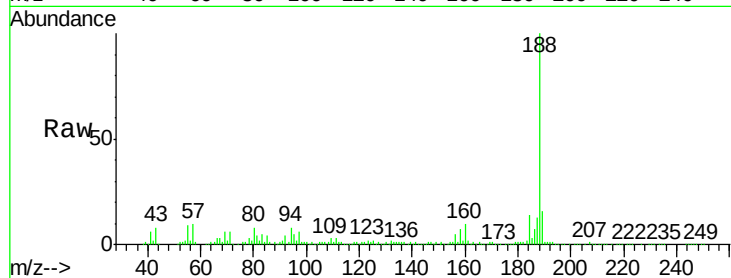
Tot Ion:188 Resp: 285484

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

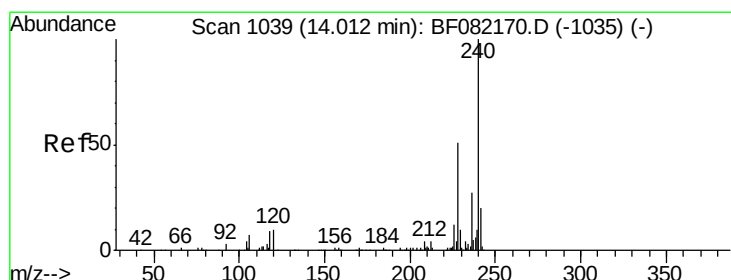
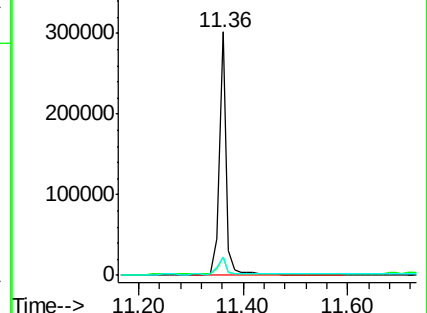
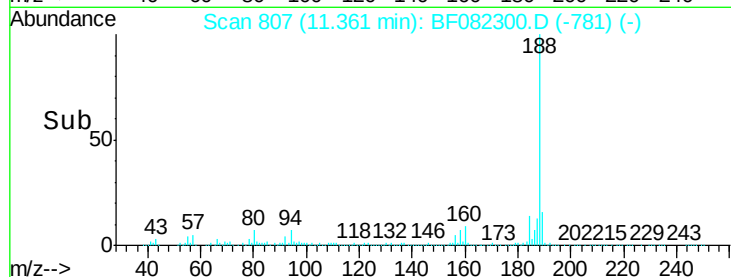
80 7.8 6.4 9.6



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

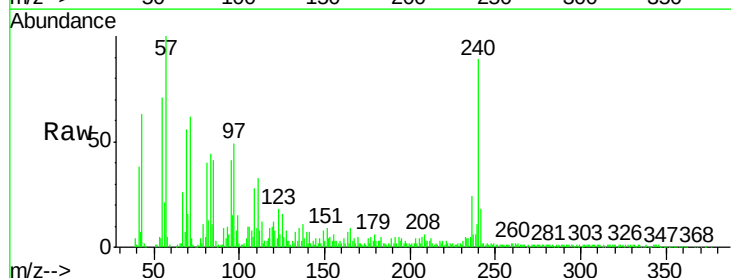
Tgt Ion:240 Resp: 165412

Ion Ratio Lower Upper

240 100

120 13.8 8.1 12.1#

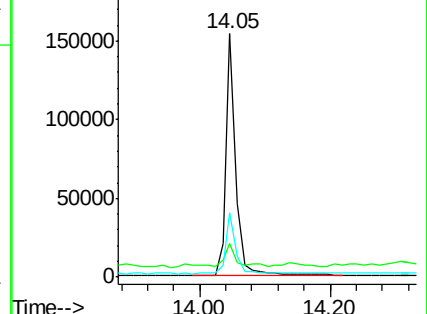
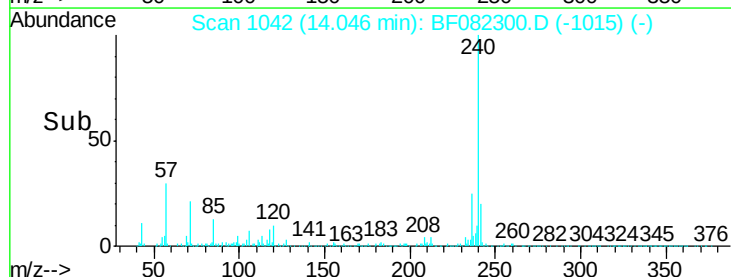
236 26.7 21.3 31.9

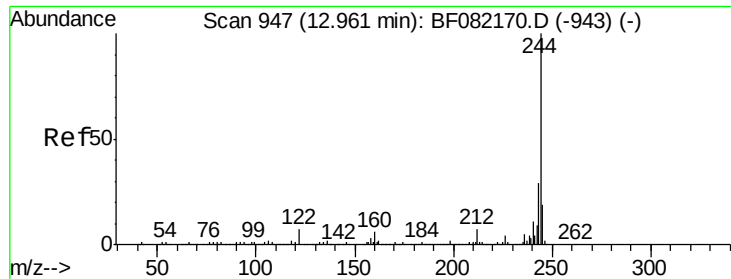


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

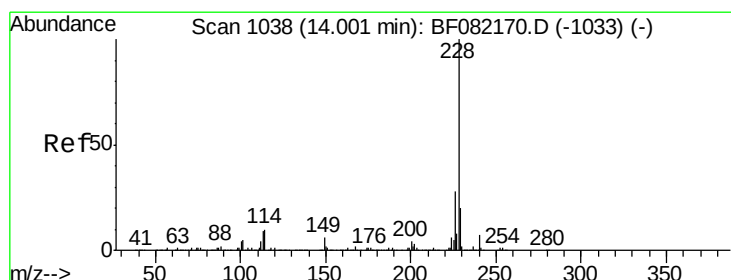
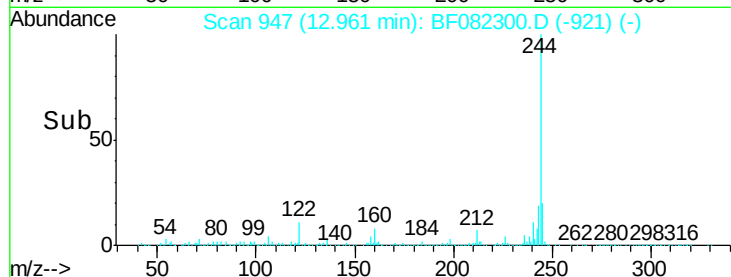
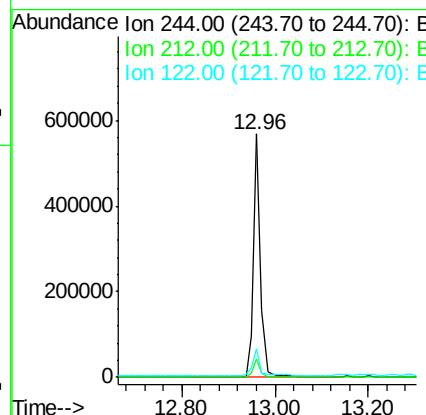
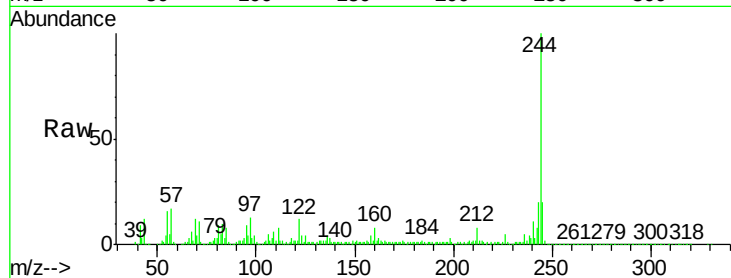




#78
 Terphenyl-d14
 Concen: 94.67 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 5:17

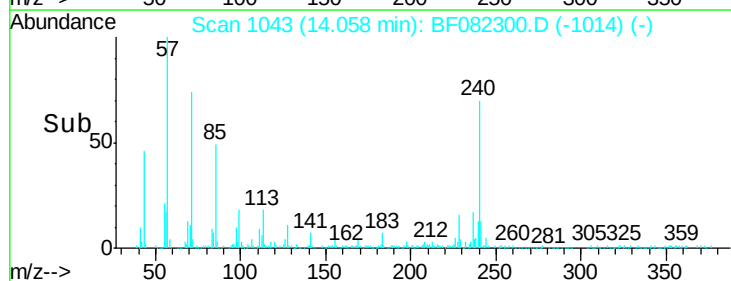
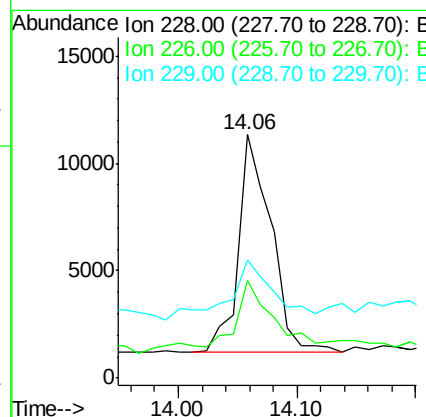
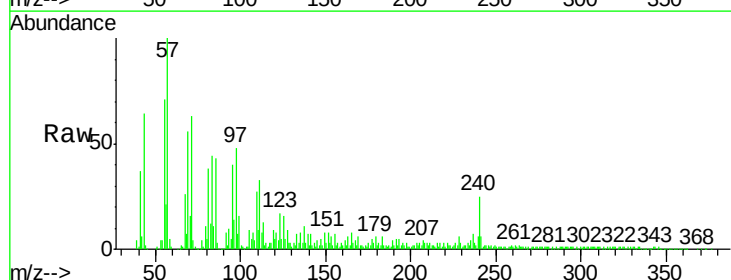
Instrument :
 BNA_F
 ClientSampleId :
 LF-1

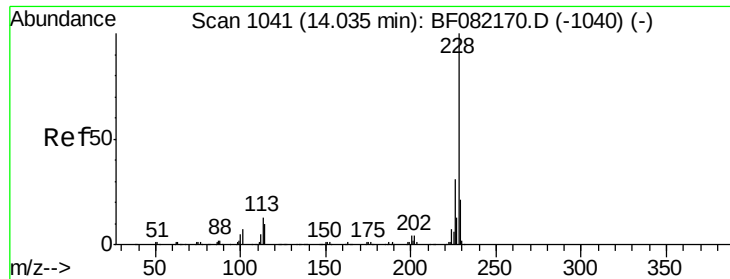
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	12.0	5.9	8.9#



#80
 Benzo(a)anthracene
 Concen: 2.26 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.03 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 5:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.2	22.3	33.5#
229	48.4	16.2	24.2#





#82

Chrysene

Concen: 2.14 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

Instrument :

BNA_F

ClientSampleId :

LF-1

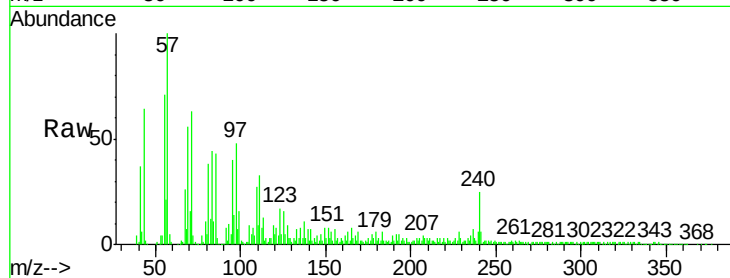
Tot Ion:228 Resp: 19429

Ion Ratio Lower Upper

228 100

226 40.2 24.4 36.6#

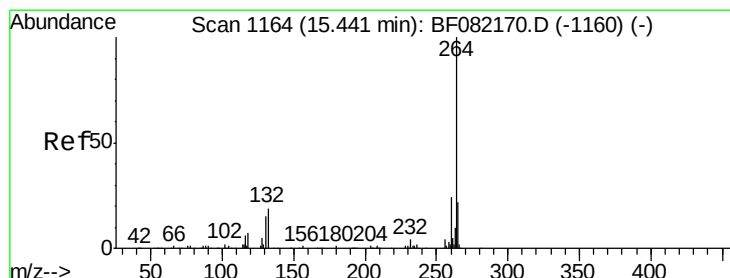
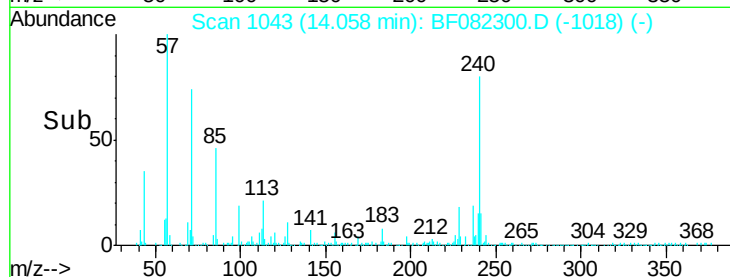
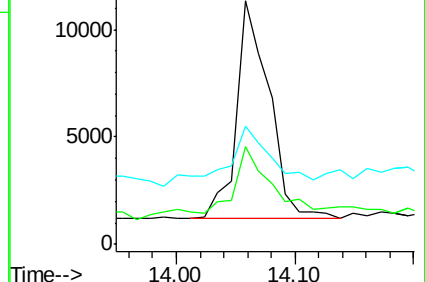
229 48.4 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.58 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BF082300.D

Acq: 15 Oct 2015 5:17

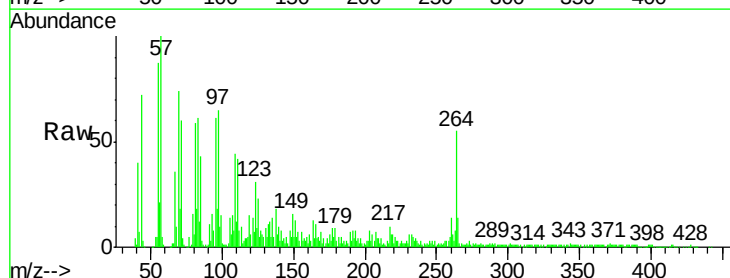
Tgt Ion:264 Resp: 141178

Ion Ratio Lower Upper

264 100

260 25.4 19.0 28.6

265 24.8 17.3 25.9



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

