

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082316.D
 Acq On : 15 Oct 2015 18:31
 Operator : UM/IZ
 Sample : G4015-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-2

Quant Time: Oct 16 01:12:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

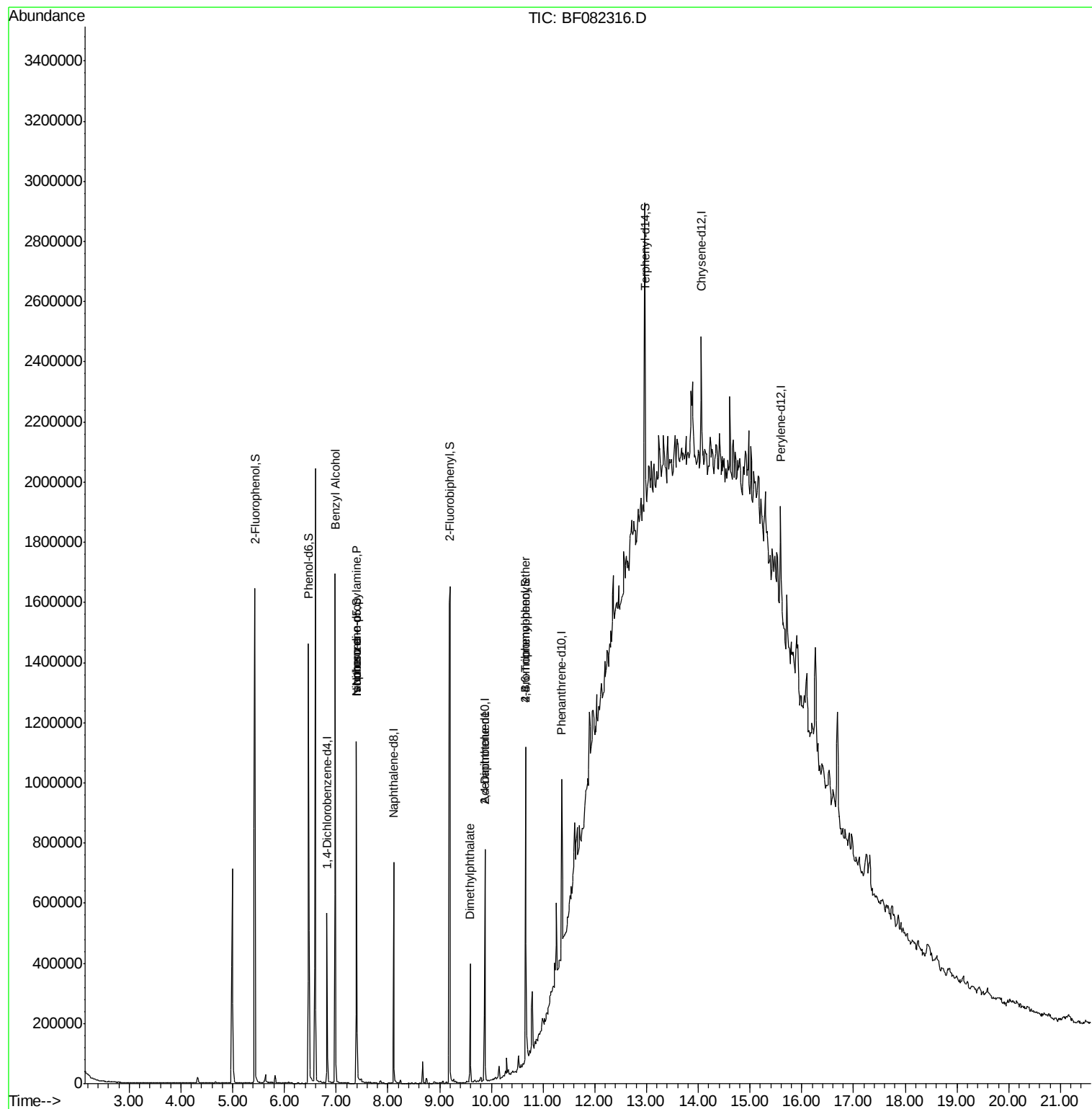
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85321	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	333040	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	157985	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	251012	20.00	ng	0.00
75) Chrysene-d12	14.06	240	175663	20.00	ng	-0.03
86) Perylene-d12	15.59	264	168371	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	530267	125.43	ng	0.01
7) Phenol-d6	6.47	99	615453	111.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	394076	79.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	137144	92.56	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	851450	89.38	ng	0.00
78) Terphenyl-d14	12.97	244	545472	82.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.98	79	7641	2.01	ng	# 46
19) n-Nitroso-di-n-propylamine	7.39	70	52839	13.68	ng	# 80
25) Isophorone	7.39	82	328217	32.79	ng	# 66
49) Dimethylphthalate	9.59	163	151540	13.62	ng	99
56) 2,4-Dinitrotoluene	9.87	165	20137	6.86	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	9048	3.60	ng	# 1

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

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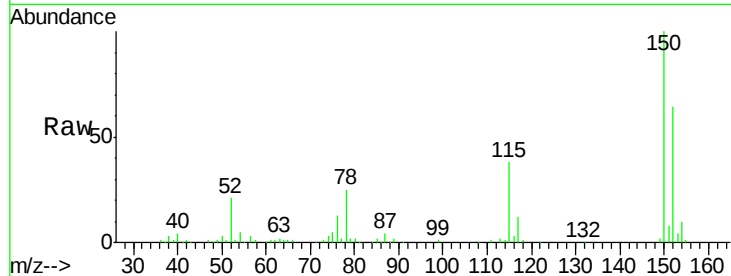


#1

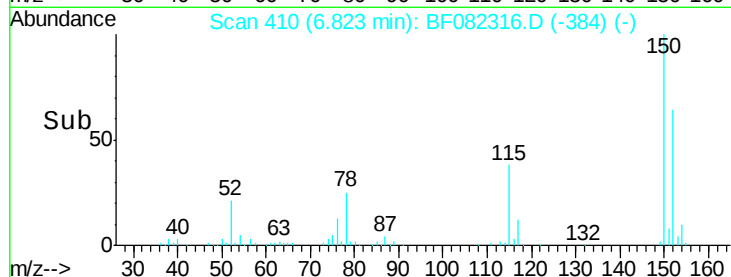
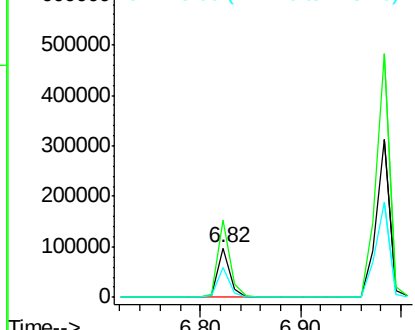
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

Instrument :
BNA_F
ClientSampleId :
LF-2

Tot Ion:152 Resp: 85321
Ion Ratio Lower Upper
152 100
150 157.1 129.0 193.4
115 59.1 52.1 78.1



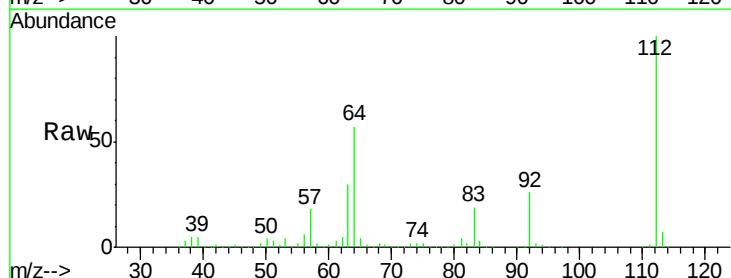
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



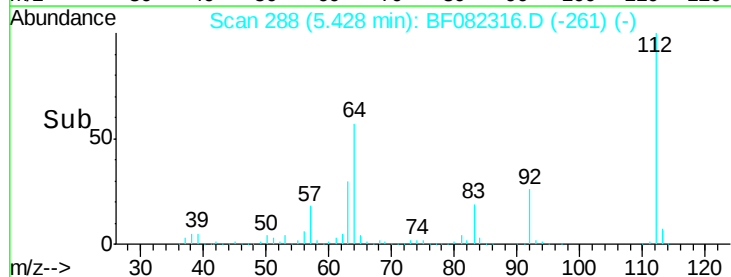
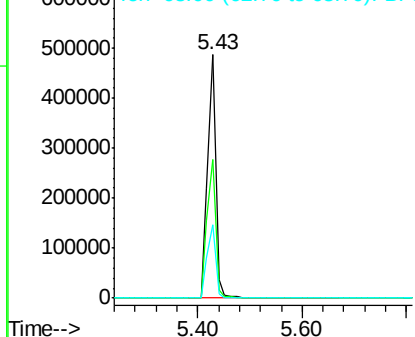
#5

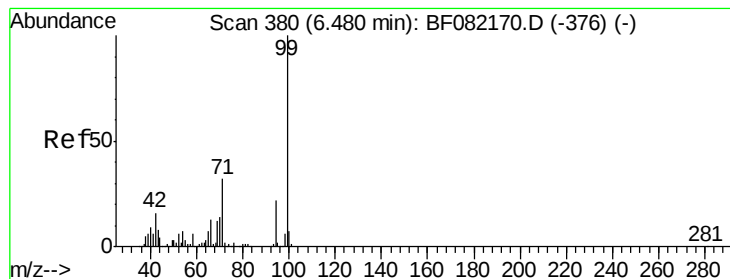
2-Fluorophenol
Concen: 125.43 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

Tgt Ion:112 Resp: 530267
Ion Ratio Lower Upper
112 100
64 56.9 48.6 73.0
63 30.2 25.1 37.7



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: 111.87 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

Instrument :

BNA_F

ClientSampleId :

LF-2

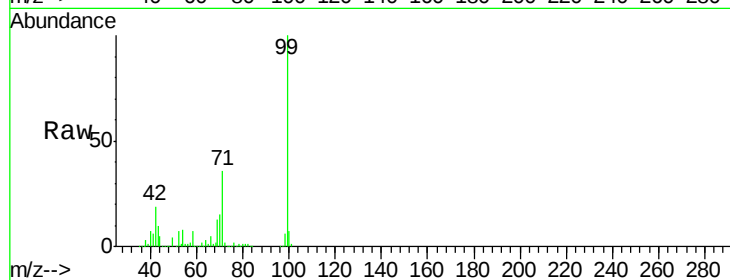
Tot Ion: 99 Resp: 615453

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

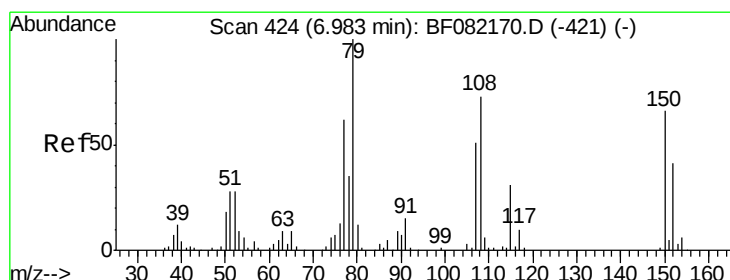
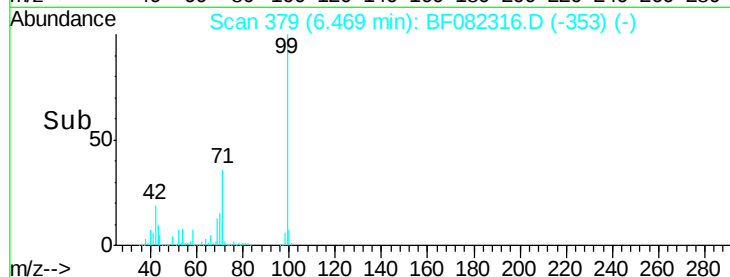
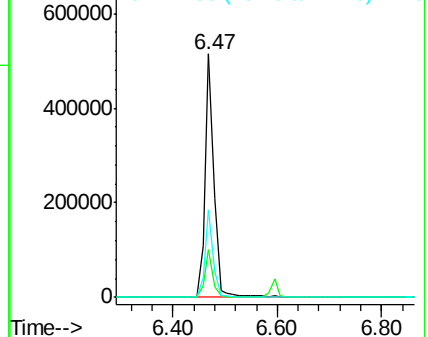
71 35.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

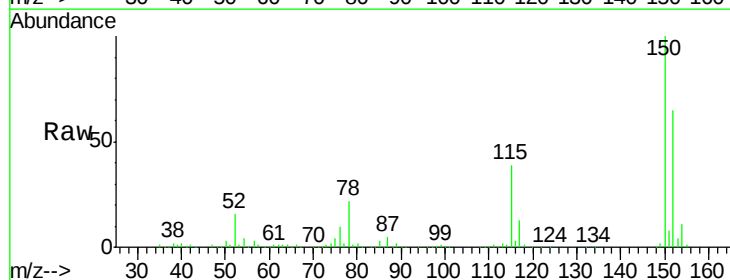
Tgt Ion: 79 Resp: 7641

Ion Ratio Lower Upper

79 100

108 33.5 58.4 87.6#

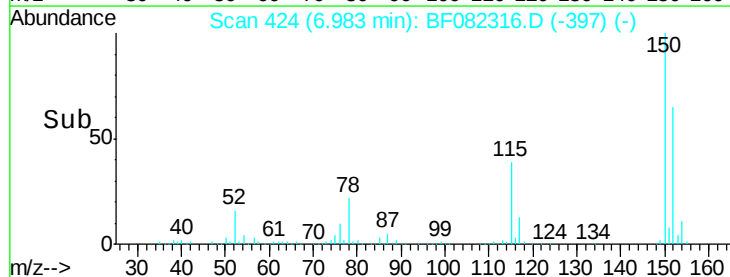
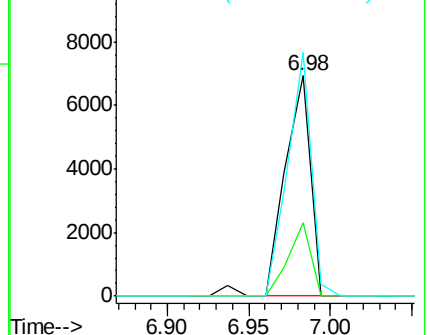
77 110.6 49.8 74.6#

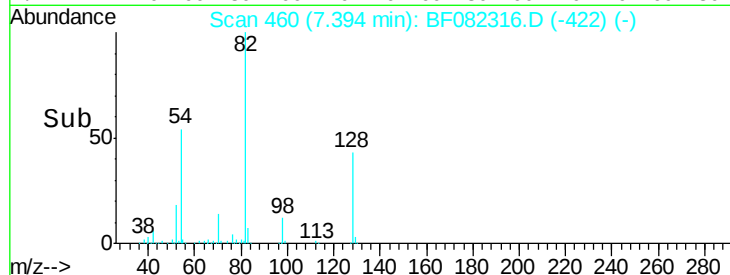
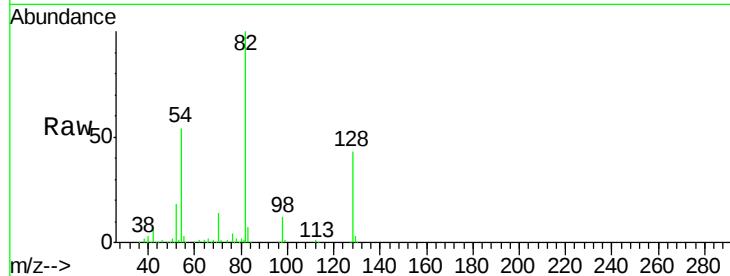


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

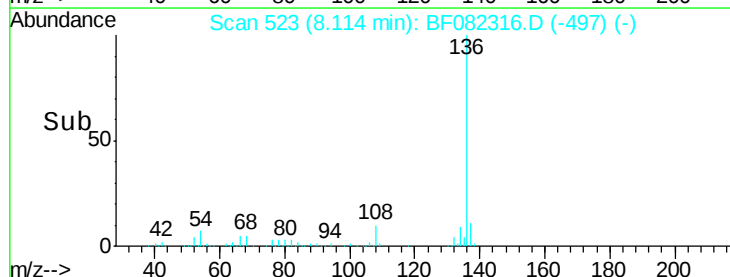
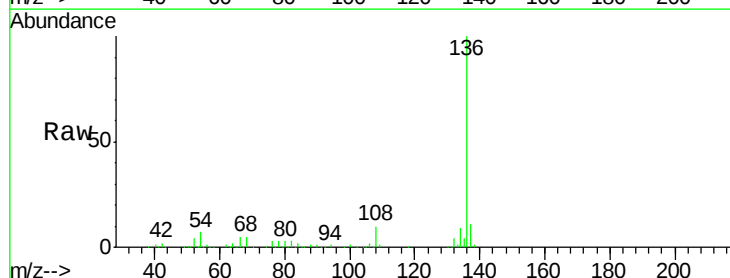
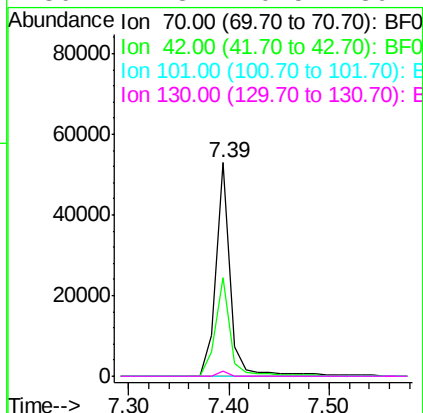




#19
n-Nitroso-di-n-propylamine
Concen: 13.68 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

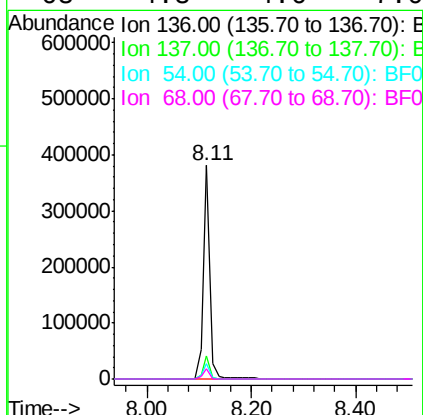
Instrument :
BNA_F
ClientSampleId :
LF-2

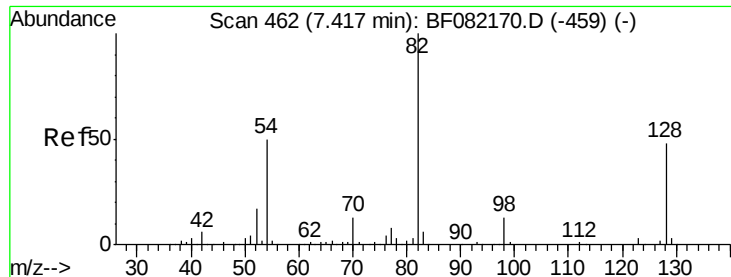
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	39.8	59.8
101	0.0	8.6	13.0#
130	2.3	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.2	7.5	11.3#
68	4.8	4.6	7.0

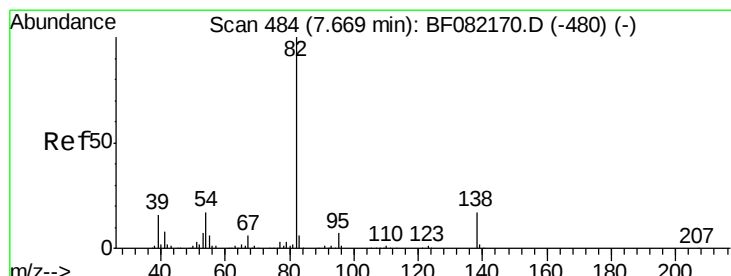
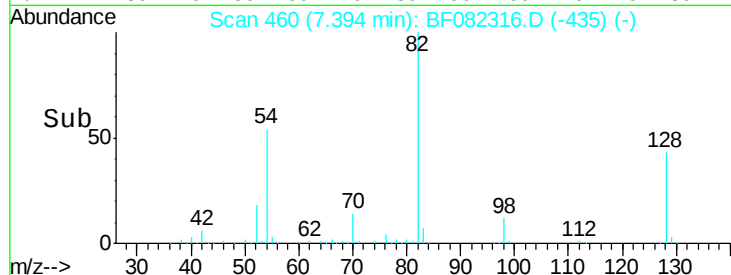
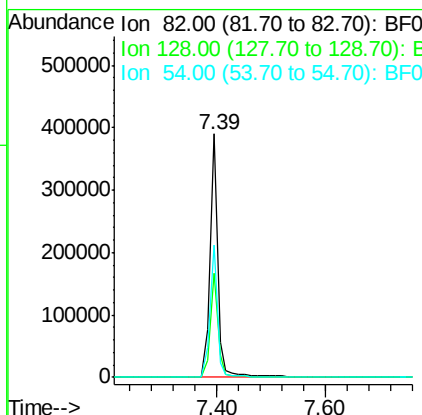
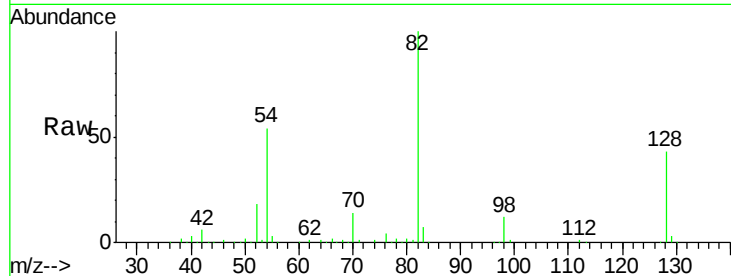




#23
 Nitrobenzene-d5
 Concen: 79.46 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082316.D
 Acq: 15 Oct 2015 18:31

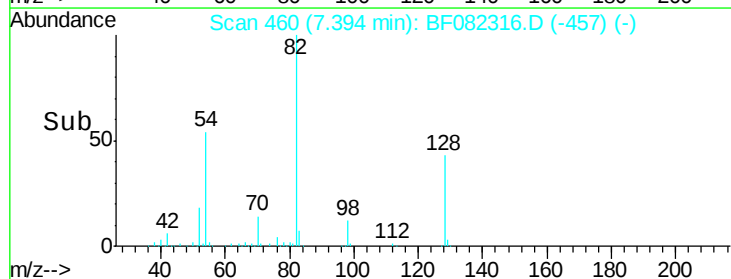
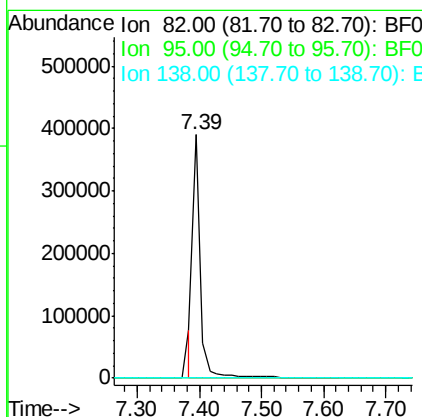
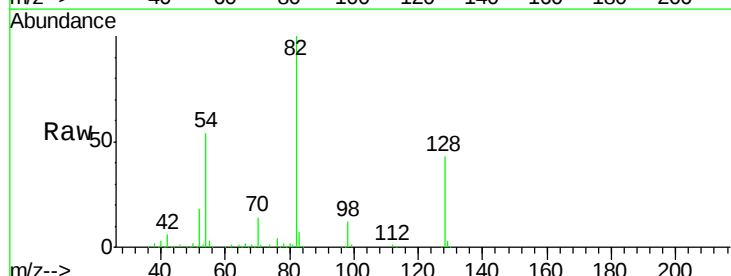
Instrument :
 BNA_F
 ClientSampleId :
 LF-2

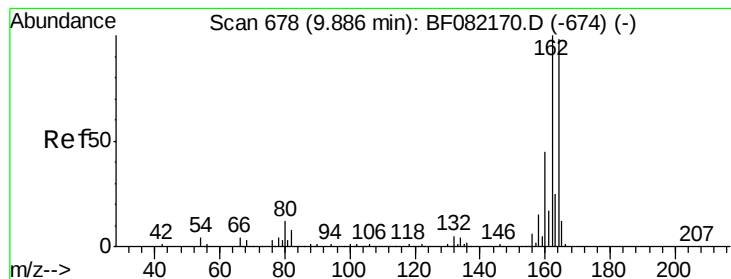
Tot Ion: 82 Resp: 394076
 Ion Ratio Lower Upper
 82 100
 128 42.9 38.7 58.1
 54 54.4 40.1 60.1



#25
 Isophorone
 Concen: 32.79 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF082316.D
 Acq: 15 Oct 2015 18:31

Tgt Ion: 82 Resp: 328217
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

Instrument :

BNA_F

ClientSampleId :

LF-2

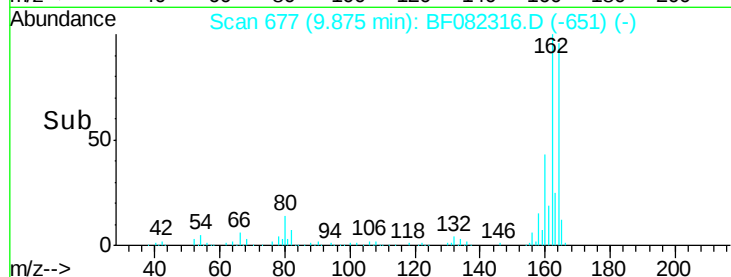
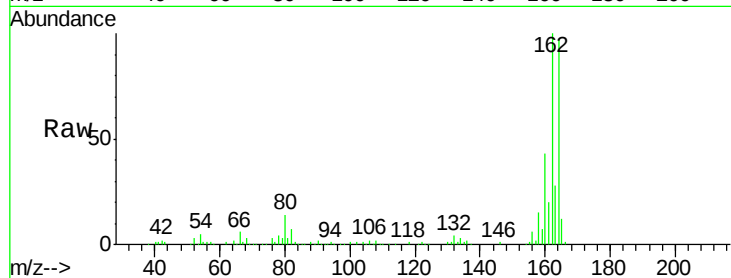
Tot Ion:164 Resp: 157985

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

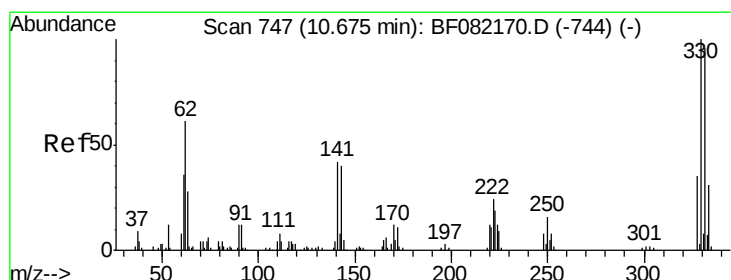
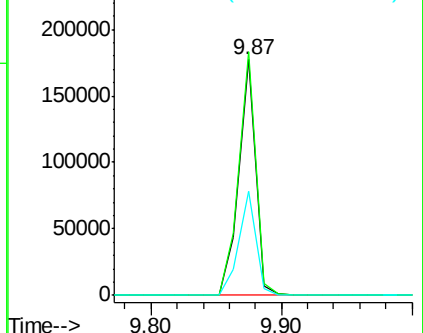
160 44.0 36.4 54.6



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: 92.56 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

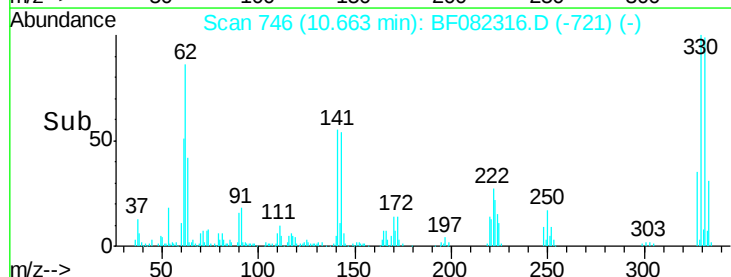
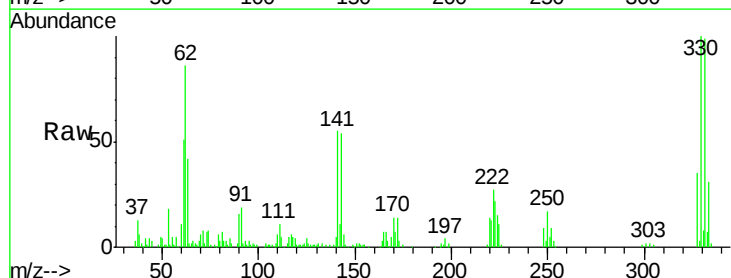
Tgt Ion:330 Resp: 137144

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

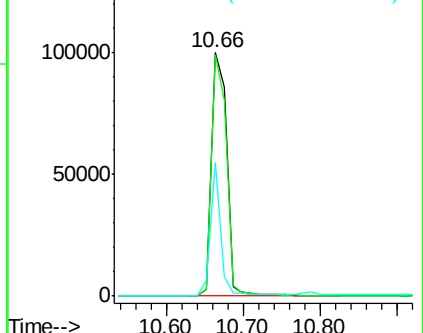
141 37.8 29.8 44.8



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

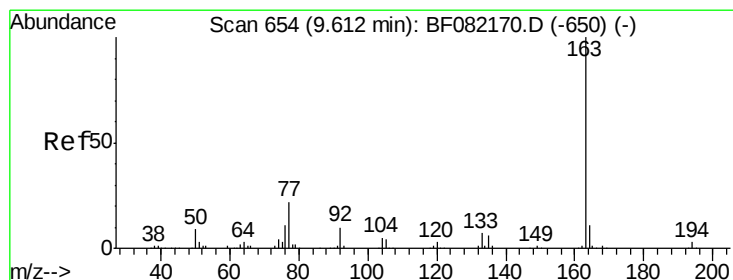
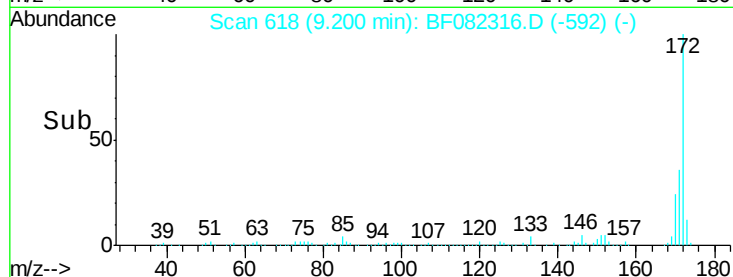
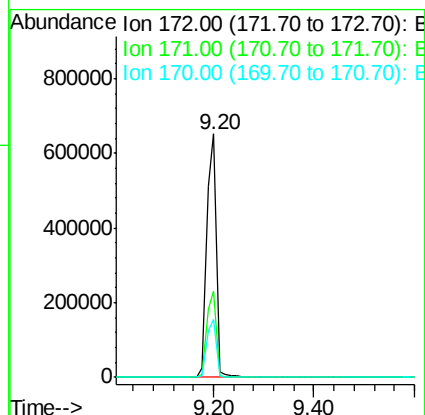
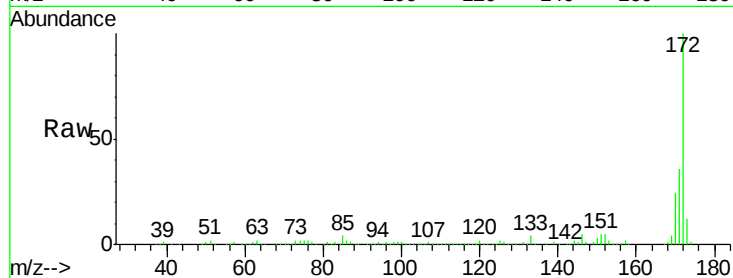




#44
2-Fluorobiphenyl
Concen: 89.38 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

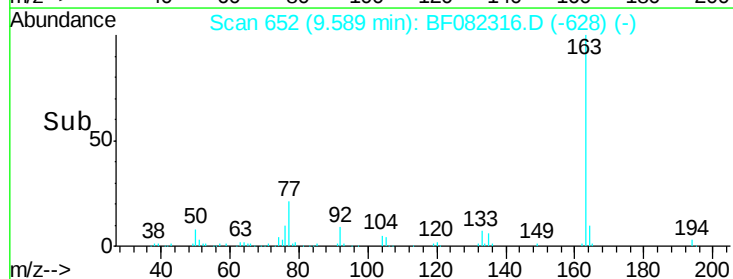
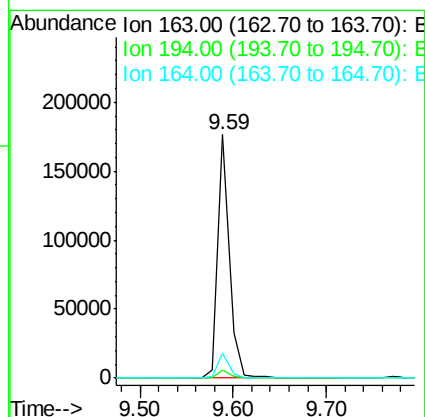
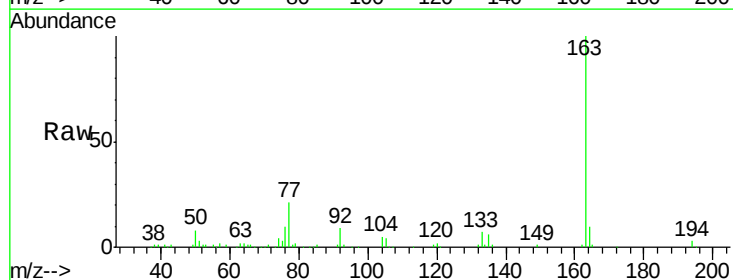
Instrument :
BNA_F
ClientSampled :
LF-2

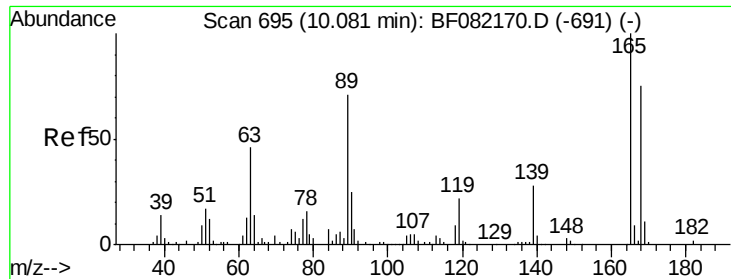
Tot Ion:172 Resp: 851450
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 13.62 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

Tgt Ion:163 Resp: 151540
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.5 12.7

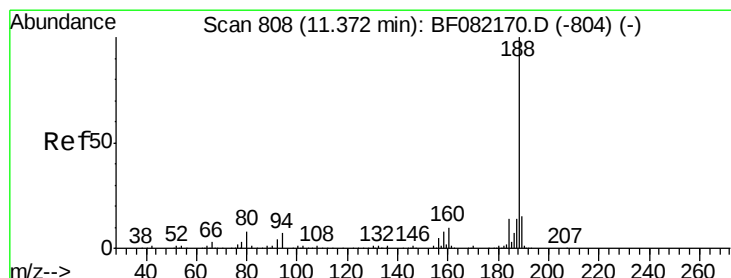
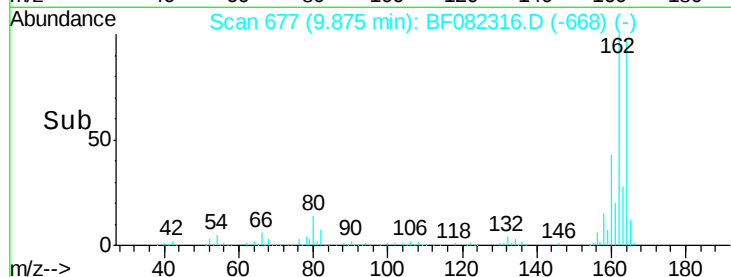
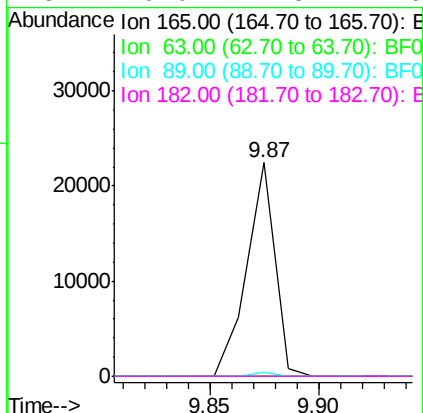
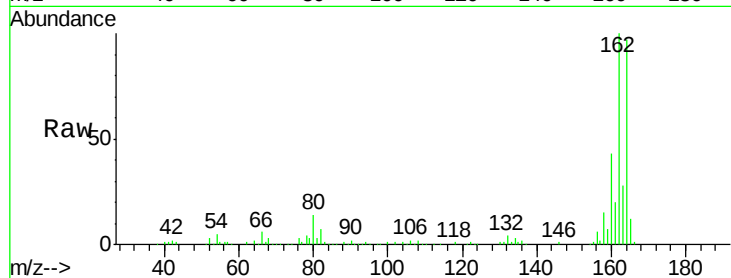




#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082316.D
 Acq: 15 Oct 2015 18:31

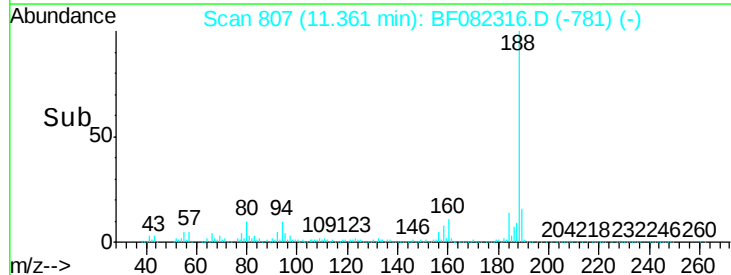
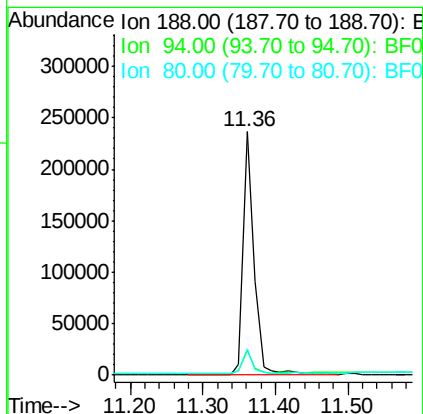
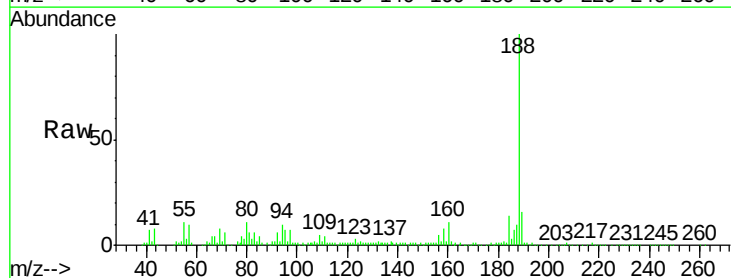
Instrument :
 BNA_F
 ClientSampleId :
 LF-2

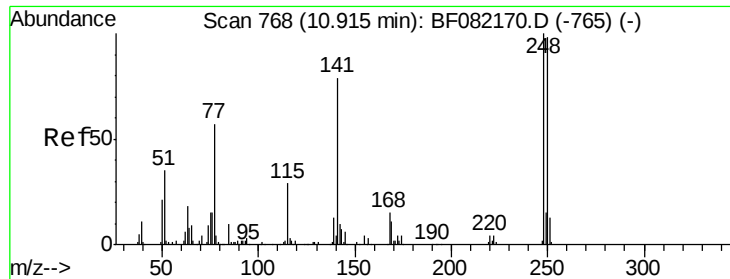
Tot Ion:165	Resp:	20137
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	1.9	57.0 85.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF082316.D
 Acq: 15 Oct 2015 18:31

Tgt Ion:188	Resp:	251012
Ion Ratio	Lower	Upper
188	100	
94	10.3	5.8 8.6#
80	10.9	6.4 9.6#

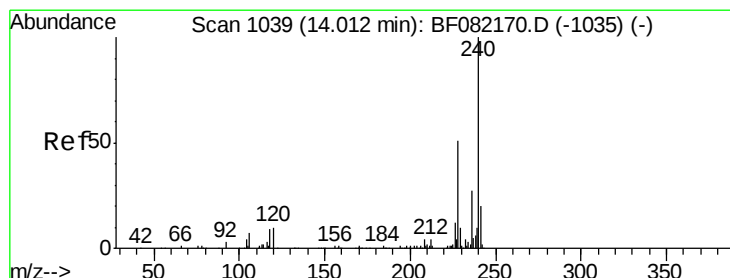
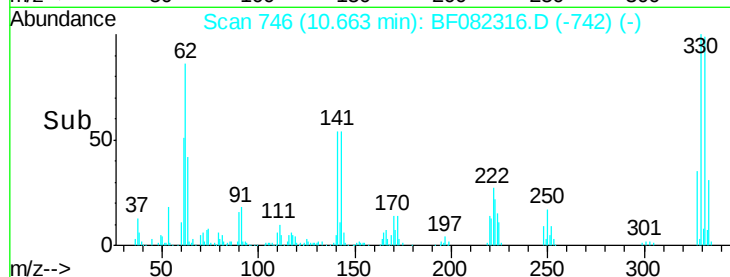
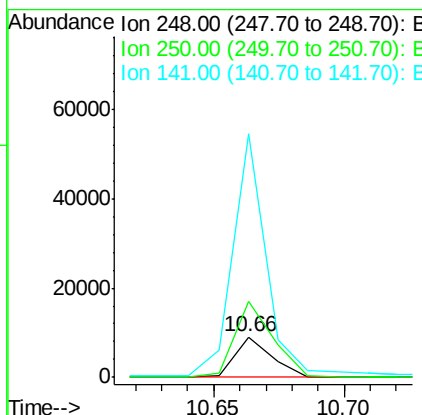
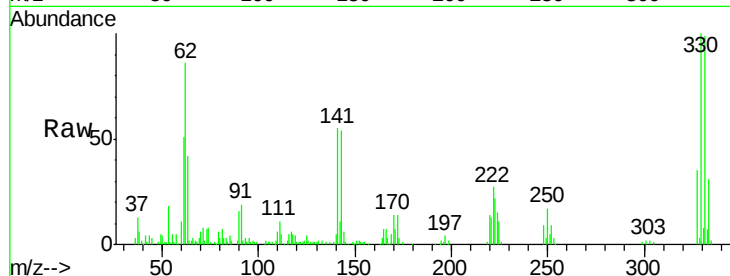




#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

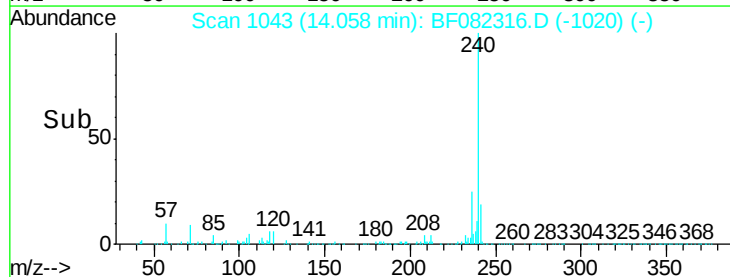
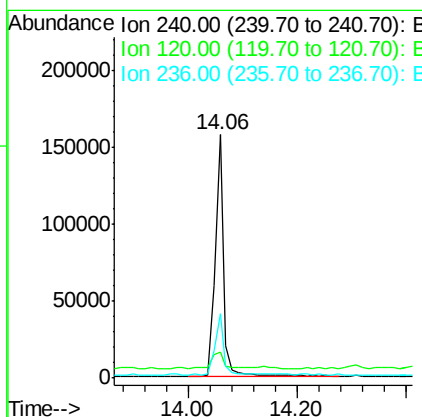
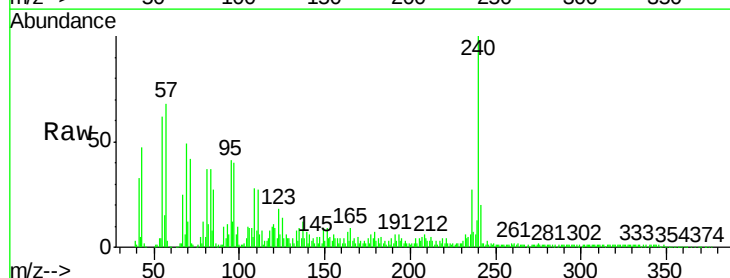
Instrument :
BNA_F
ClientSampled :
LF-2

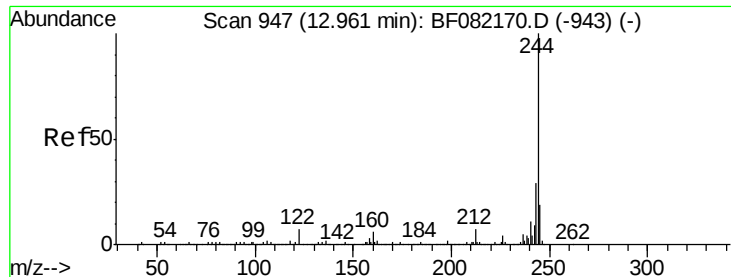
Tot Ion:248 Resp: 9048
Ion Ratio Lower Upper
248 100
250 188.6 78.6 117.8#
141 600.2 63.3 94.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082316.D
Acq: 15 Oct 2015 18:31

Tgt Ion:240 Resp: 175663
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.7 21.3 31.9





#78

Terphenyl-d14

Concen: 82.29 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

Instrument :

BNA_F

ClientSampleId :

LF-2

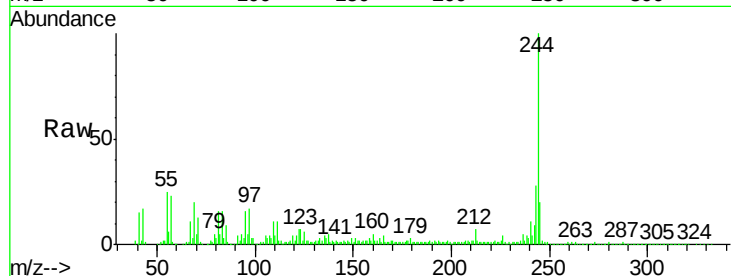
Tot Ion:244 Resp: 545472

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

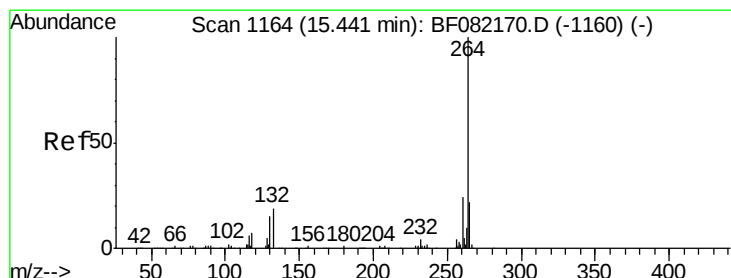
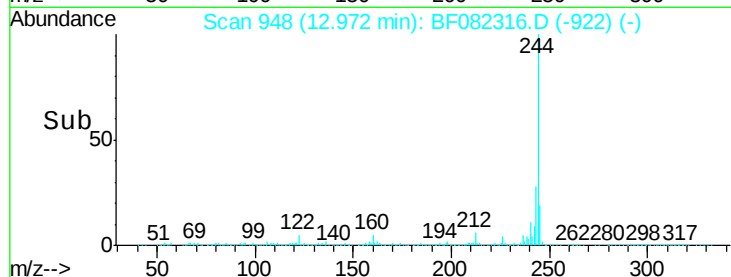
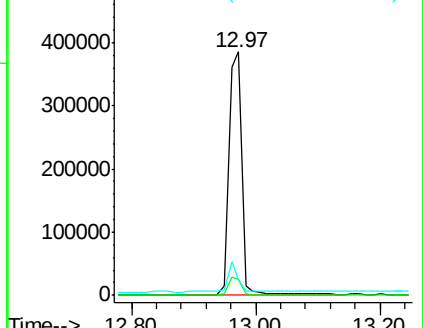
122 6.7 5.9 8.9



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: 15.59 min Scan# 1177

Delta R.T. -0.07 min

Lab File: BF082316.D

Acq: 15 Oct 2015 18:31

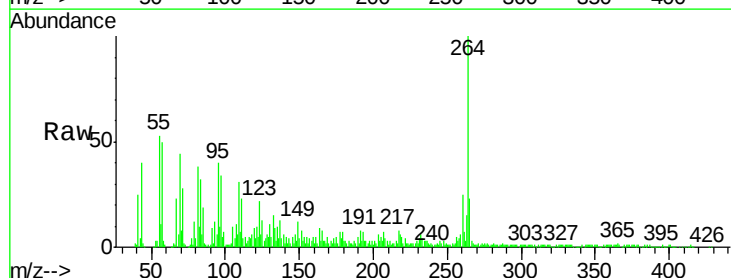
Tgt Ion:264 Resp: 168371

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.8 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

