Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 20 04:16:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 03:20:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	32222	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	133725	20.00	ng		0.00
38) Acenaphthene-d10	15.01	164	69572	20.00	ng		0.00
63) Phenanthrene-d10	17.77	188	115823	20.00	ng		0.00
75) Chrysene-d12	21.27	240	111173	20.00	ng		0.00
86) Perylene-d12	22.92	264	103447	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	98532	50.28	ng		-0.01
7) Phenol-d6	7.37	99	73211	29.61	ng		0.00
23) Nitrobenzene-d5	9.27	82	209600	86.84	ng		0.00
41) 2,4,6-Tribromophenol	16.69	330	75531	133.75	ng		0.01
44) 2-Fluorobiphenyl	13.53	172	433861	94.90	ng		0.00
78) Terphenyl-d14	20.00	244	398897	82.60	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.00	77	857	Below Cal		#	1
22) Acetophenone	8.92	105	19065	5.82	ng	#	54
31) Naphthalene	10.93	128	173393	25.19	ng		99
37) 2-Methylnaphthalene	12.59	142	201984	42.96	ng		96
45) 1,1'-Biphenyl	13.74	154	32431	6.29	ng		99
51) Acenaphthene	15.09	154	9115	2.24	ng	#	77
56) 2,4-Dinitrotoluene	15.67	165	282	2.29	ng	#	1
57) Fluorene	16.23	166	22024	4.39	ng	#	97
70) Phenanthrene	17.81	178	32126	4.45	ng	#	93

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

Quantitation Report (Not Reviewed)

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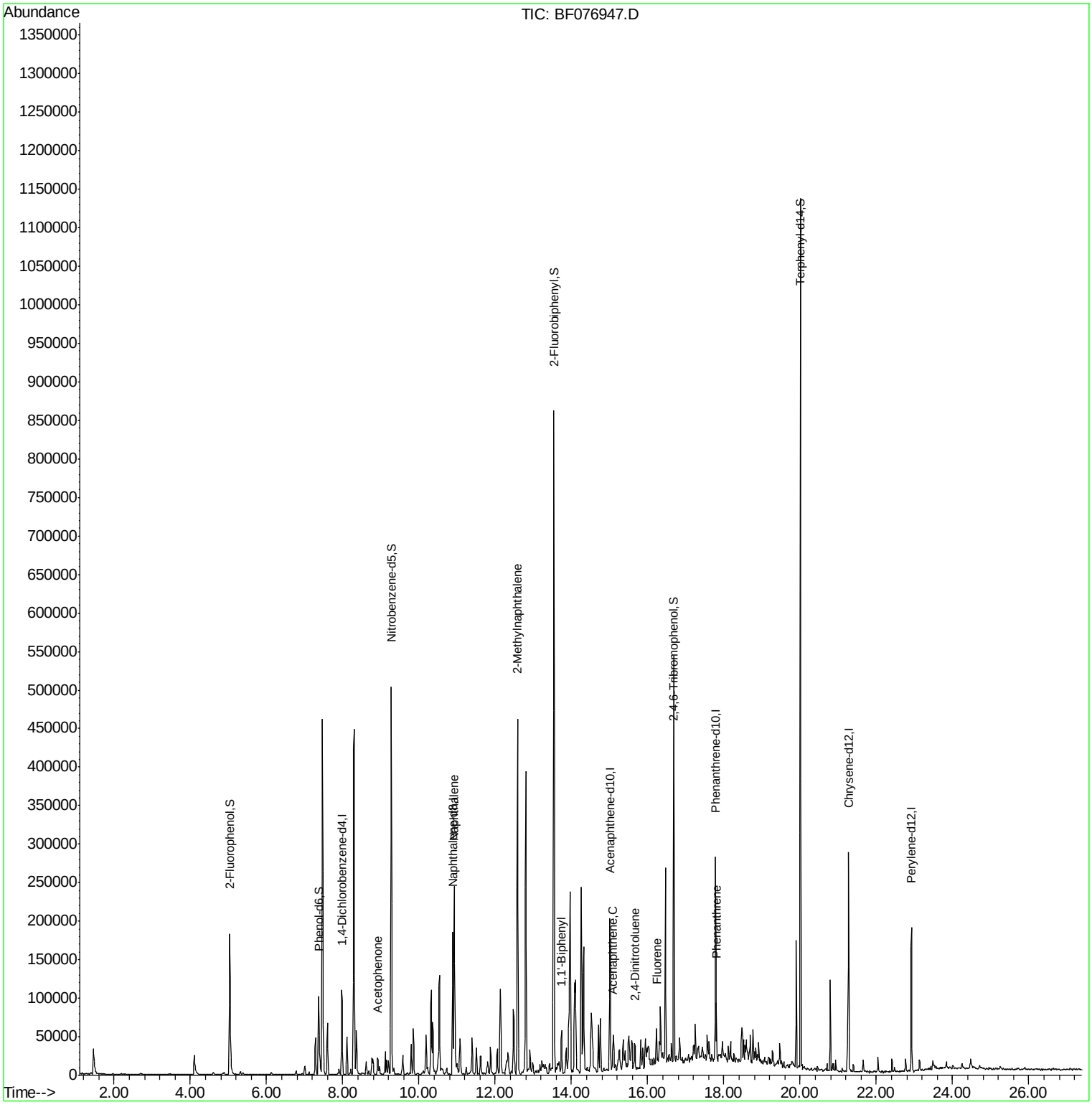
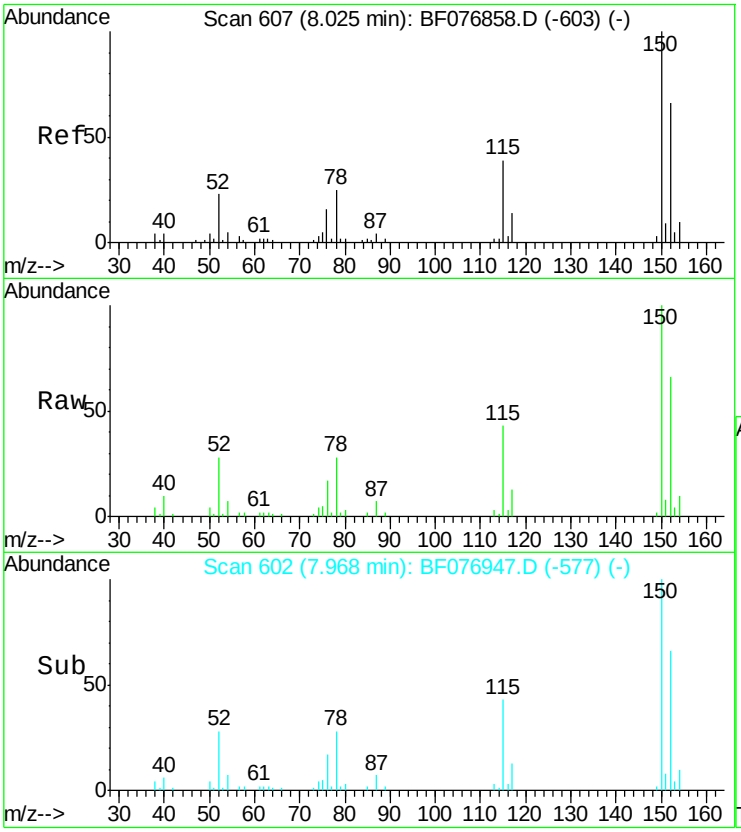


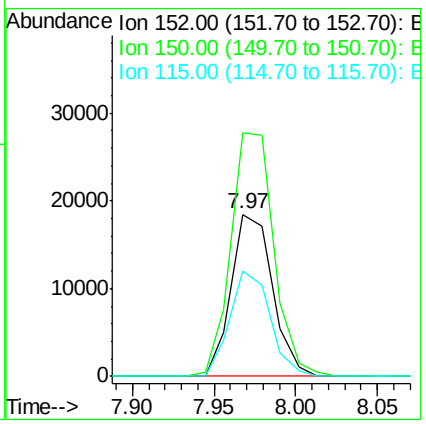


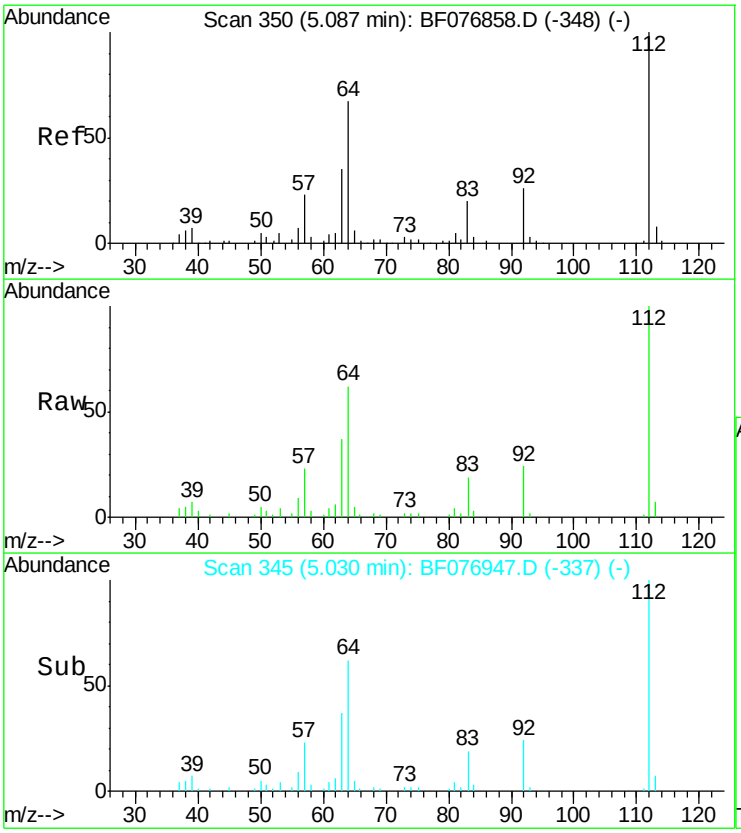
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32222

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.7	182.5
115	65.1	47.0	70.6

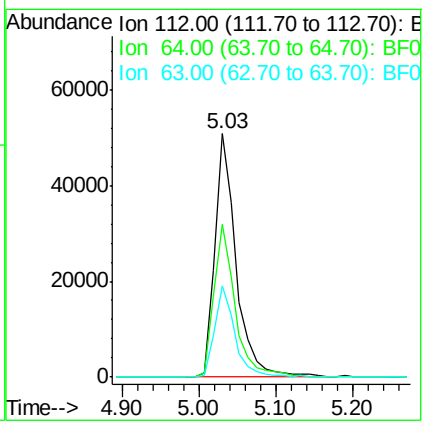


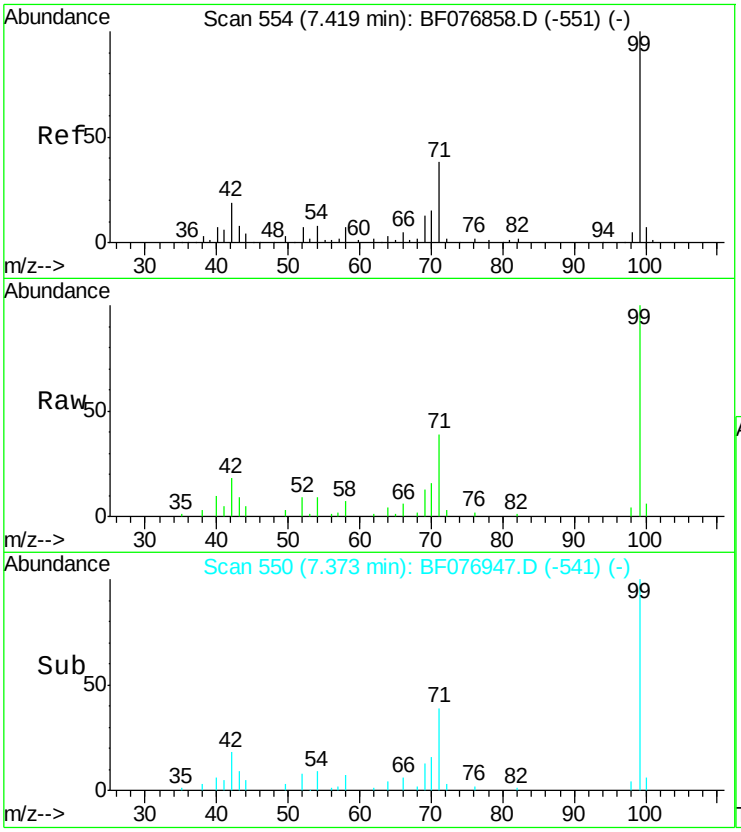


#5
2-Fluorophenol
Concen: 50.28 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.01 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:112 Resp: 98532

Ion	Ratio	Lower	Upper
112	100		
64	62.5	54.2	81.4
63	37.3	28.4	42.6



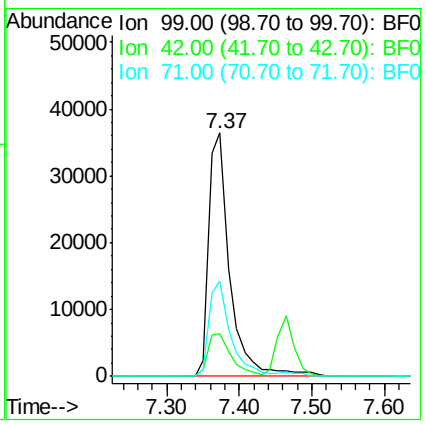


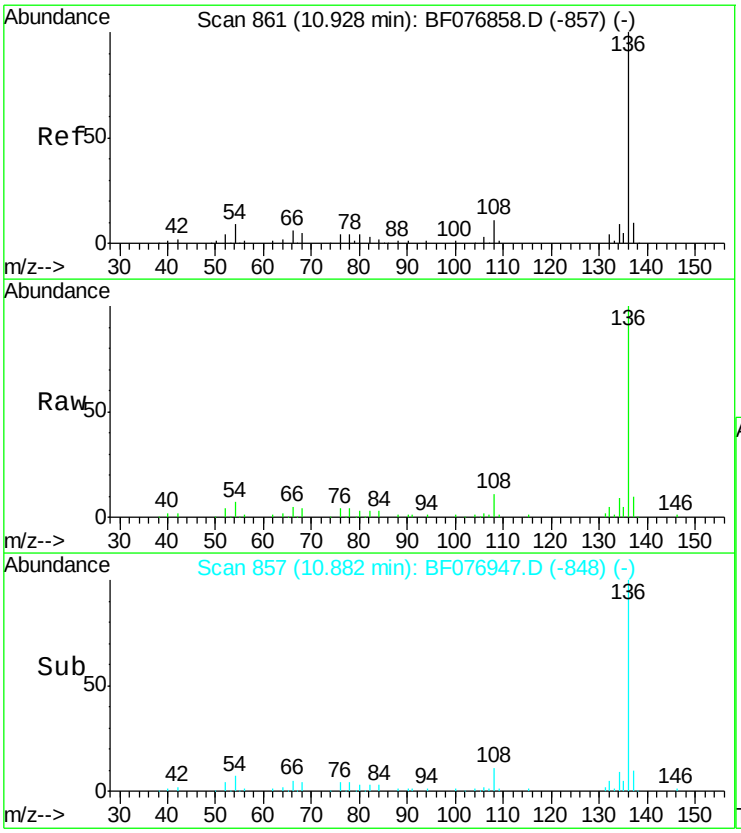
#7
Phenol-d6
Concen: 29.61 ng
RT: 7.37 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 73211

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	39.2	30.5	45.7

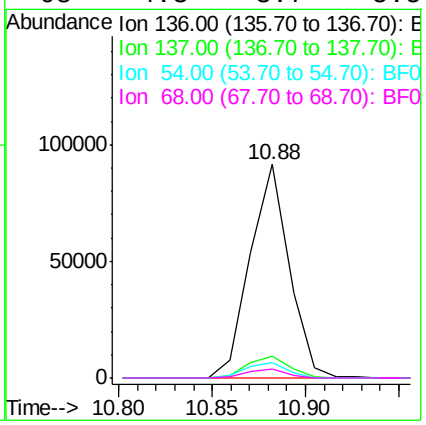


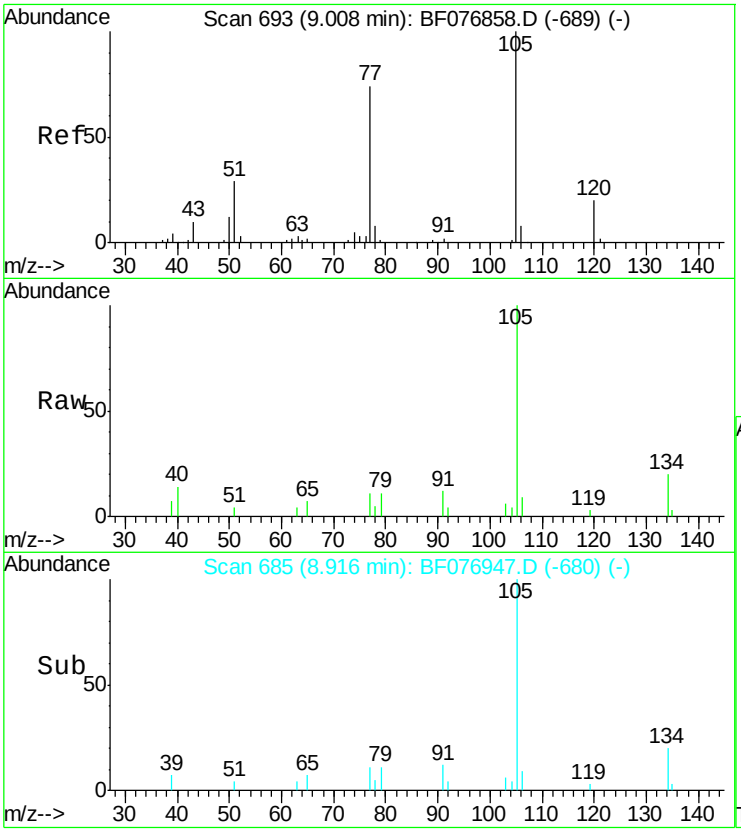


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:136 Resp: 133725

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	7.5	7.0	10.4
68	4.3	3.7	5.5



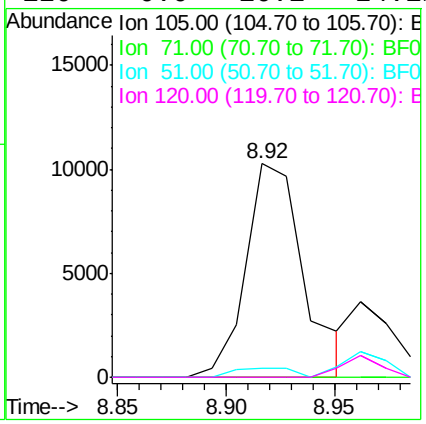


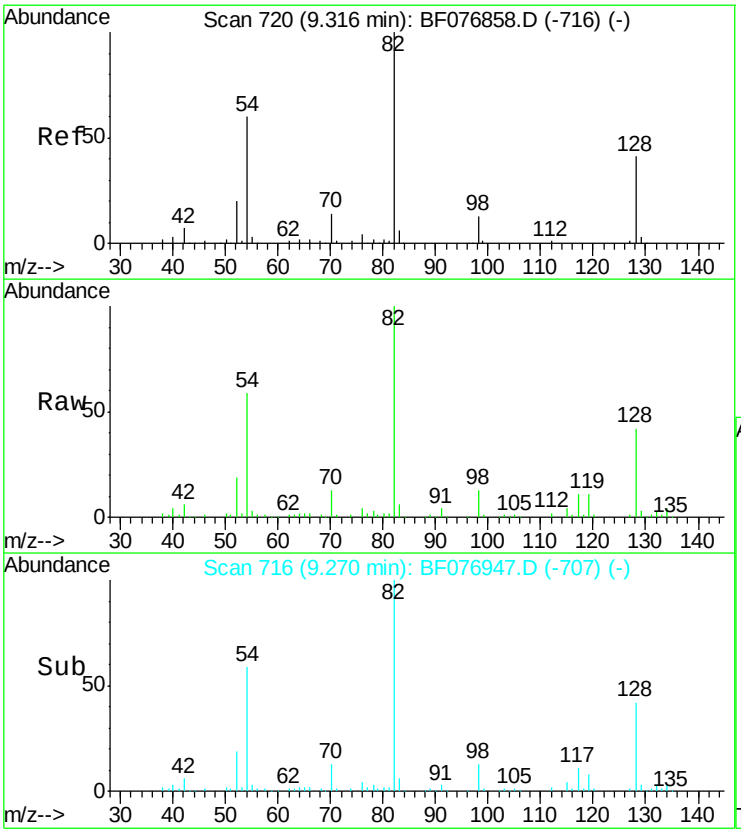
#22
Acetophenone
Concen: 5.82 ng
RT: 8.92 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 19065

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	4.0	23.3	34.9#
120	0.0	16.1	24.1#

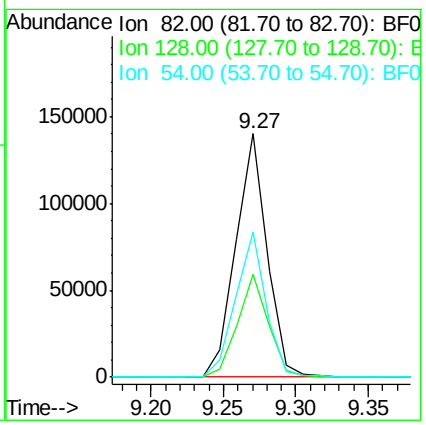


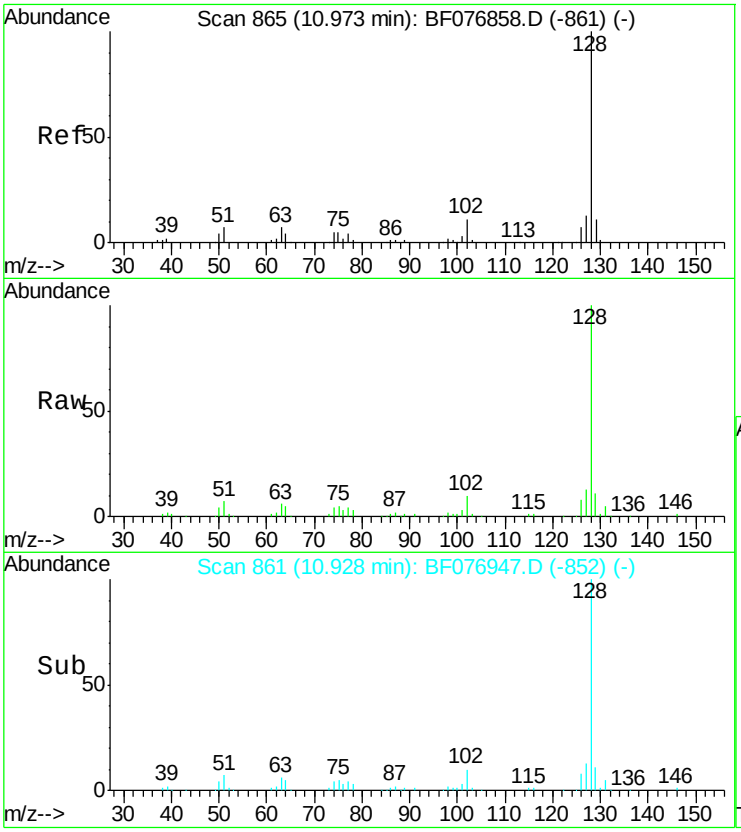


#23
Nitrobenzene-d5
Concen: 86.84 ng
RT: 9.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion: 82 Resp: 209600

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.1	49.7
54	59.3	48.3	72.5

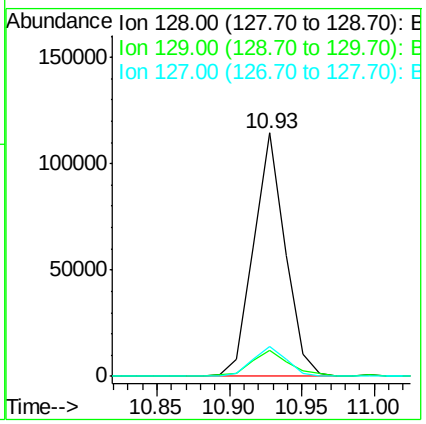




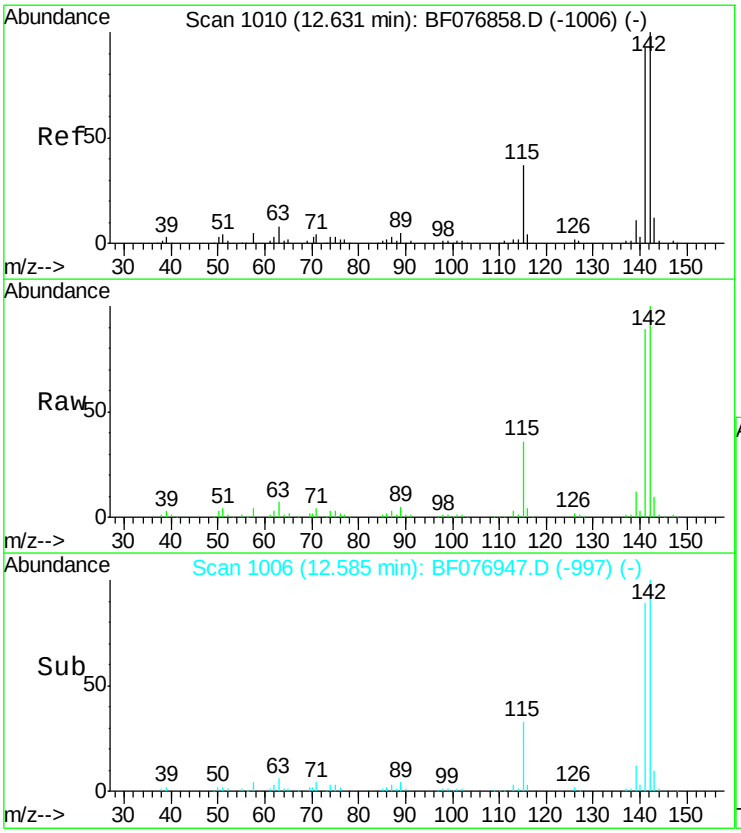
#31
Naphthalene
Concen: 25.19 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:128 Resp: 173393

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.5	10.2	15.2



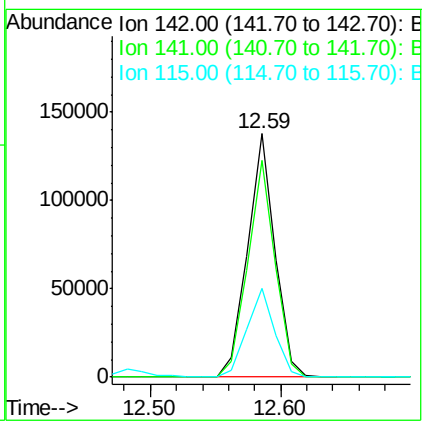
Instrument :
BNA_F
ClientSampleId :

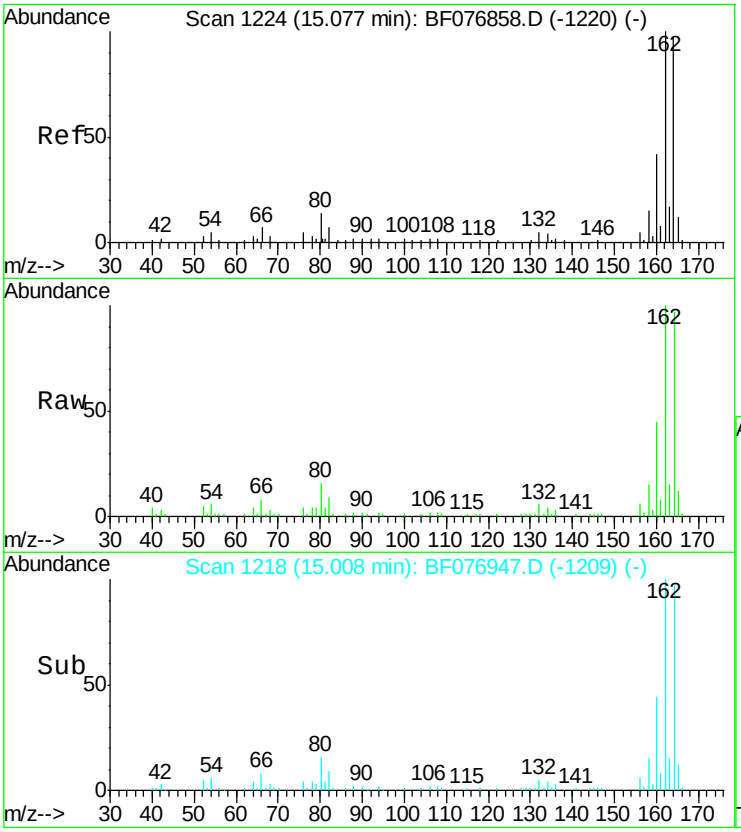


#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 12.59 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:142 Resp: 201984

Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.5	111.7
115	36.2	29.7	44.5



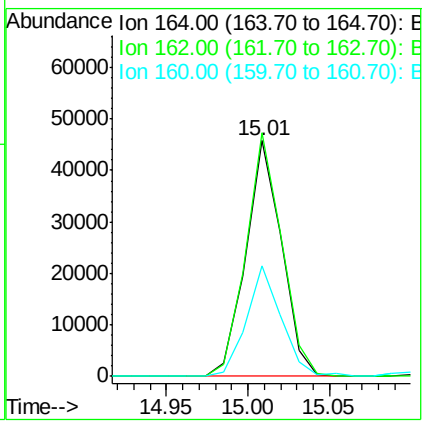


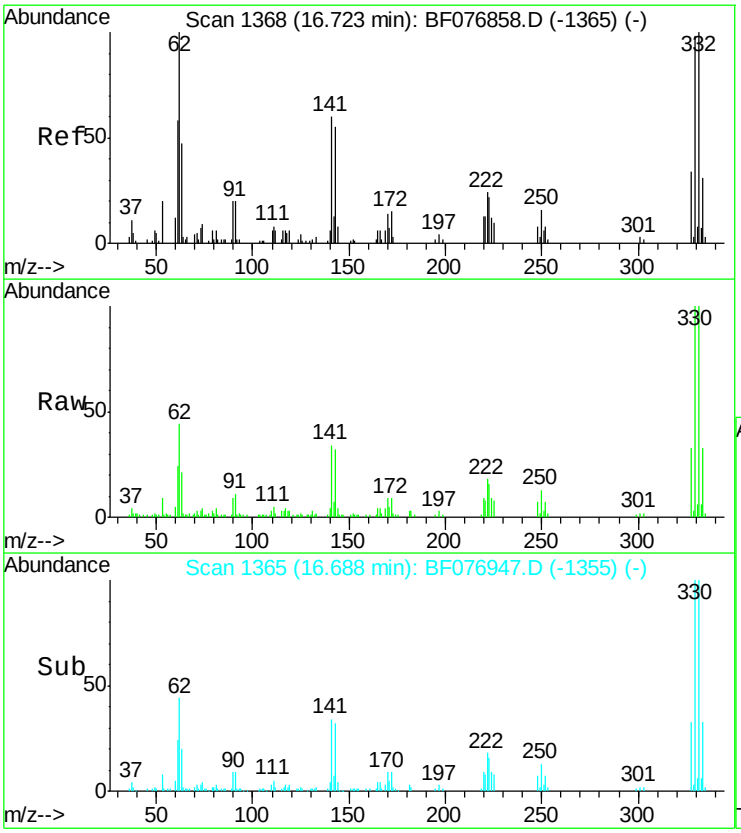
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 69572

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.6	34.8	52.2

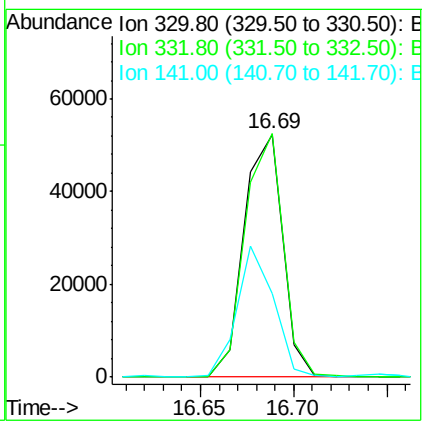


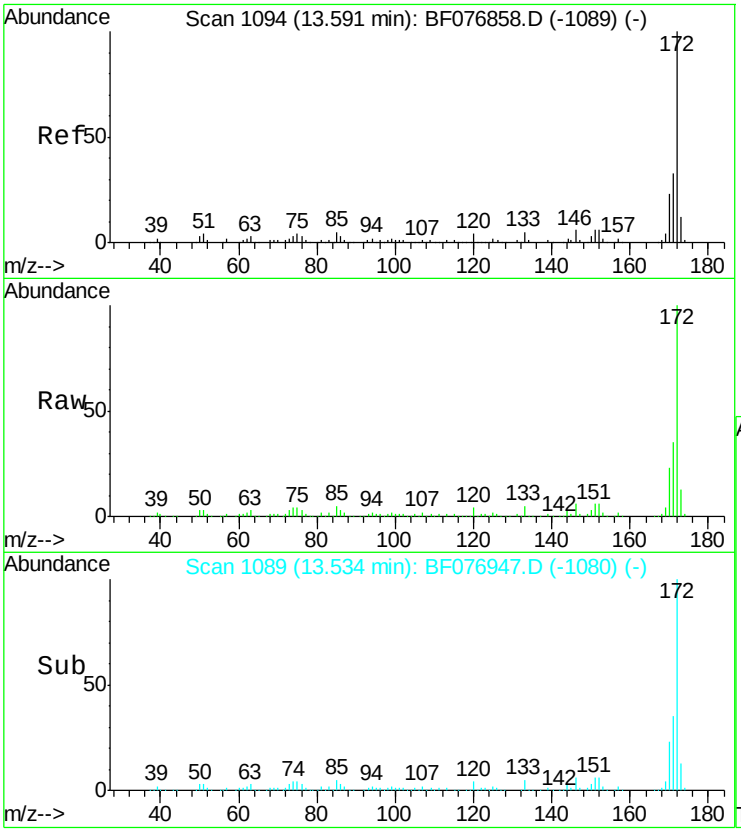


#41
2,4,6-Tribromophenol
Concen: 133.75 ng
RT: 16.69 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:330 Resp: 75531

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	51.8	38.5	57.7



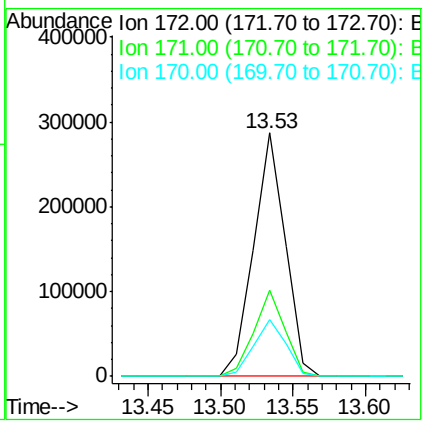


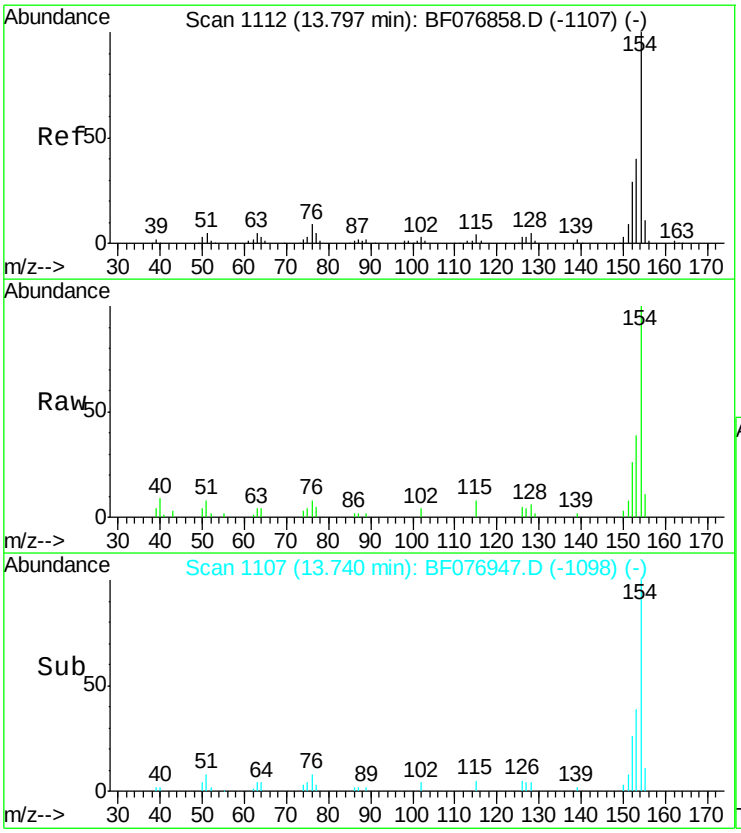
#44
2-Fluorobiphenyl
Concen: 94.90 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 433861

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.6	40.0
170	23.5	18.0	27.0

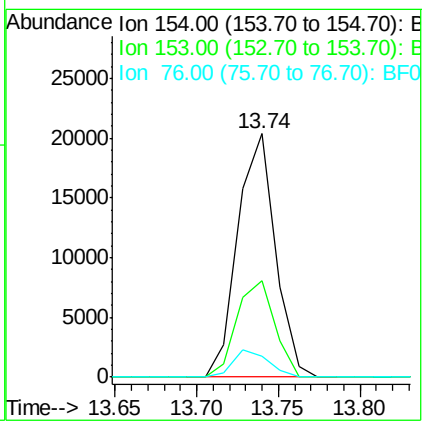


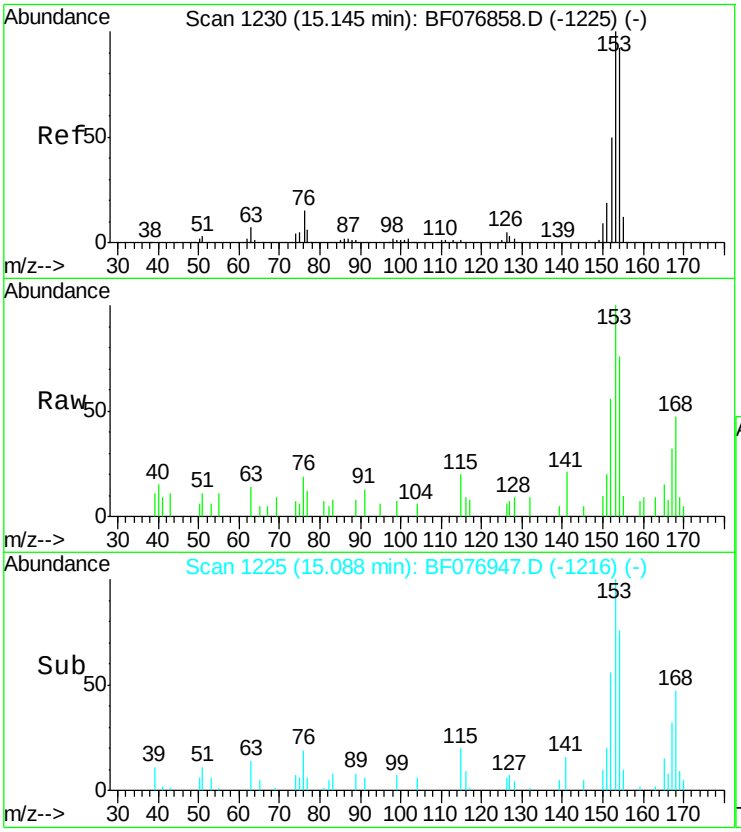


#45
1,1'-Biphenyl
Concen: 6.29 ng
RT: 13.74 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:154 Resp: 32431

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.2	60.2
76	8.5	0.0	29.0



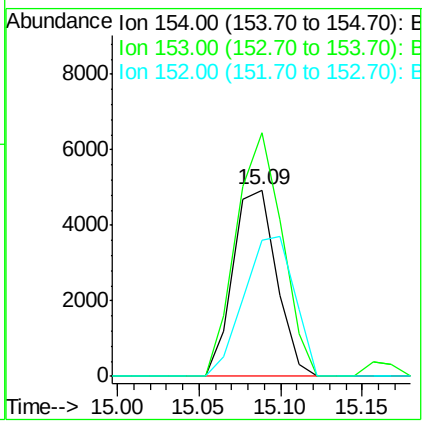


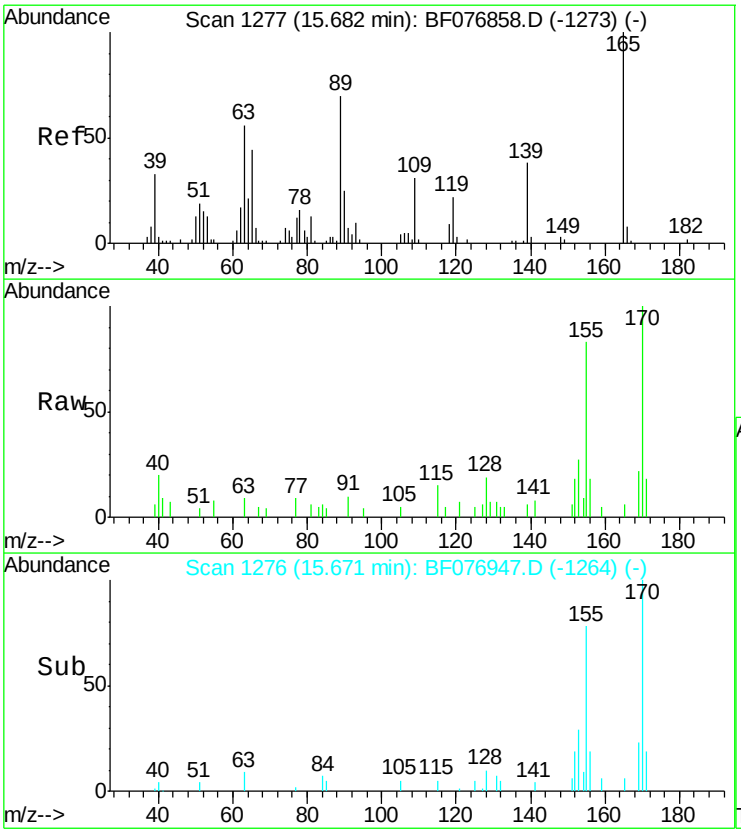
#51
Acenaphthene
Concen: 2.24 ng
RT: 15.09 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9115

Ion	Ratio	Lower	Upper
154	100		
153	130.8	87.0	130.6#
152	73.1	43.5	65.3#

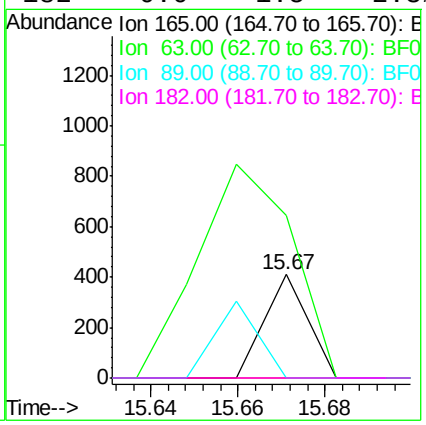


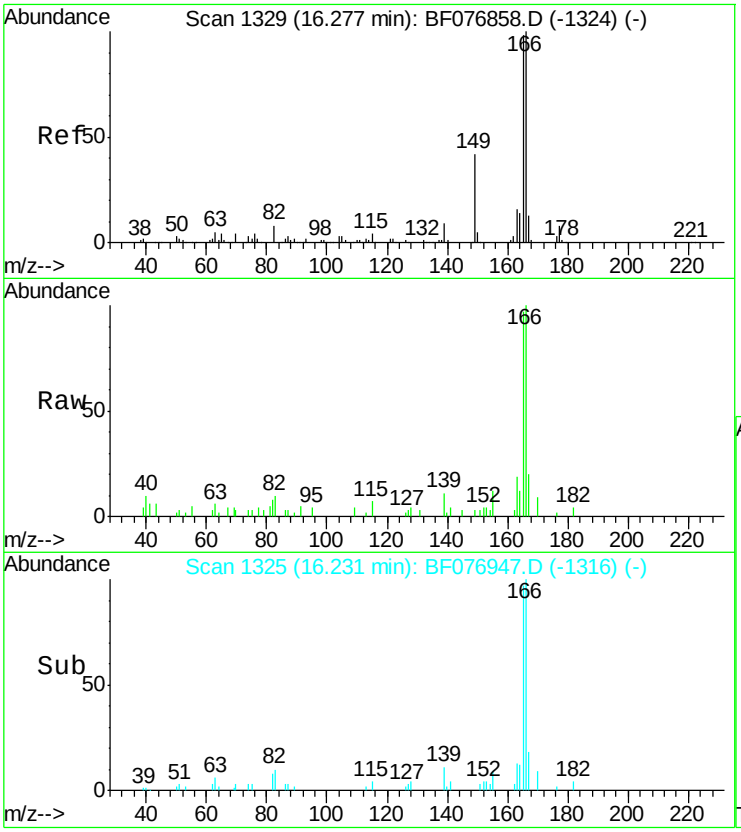


#56
2,4-Dinitrotoluene
Concen: 2.29 ng
RT: 15.67 min Scan# 1276
Delta R.T. 0.03 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:165 Resp: 282

Ion	Ratio	Lower	Upper
165	100		
63	156.9	44.8	67.2#
89	0.0	56.2	84.2#
182	0.0	1.5	2.3#



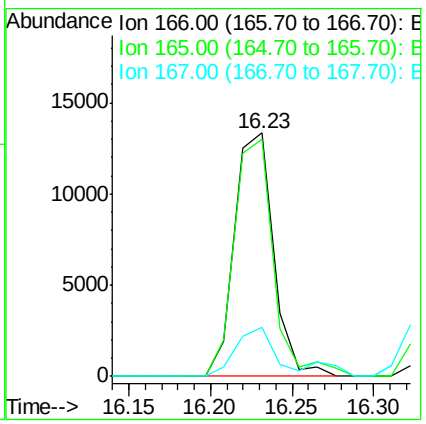


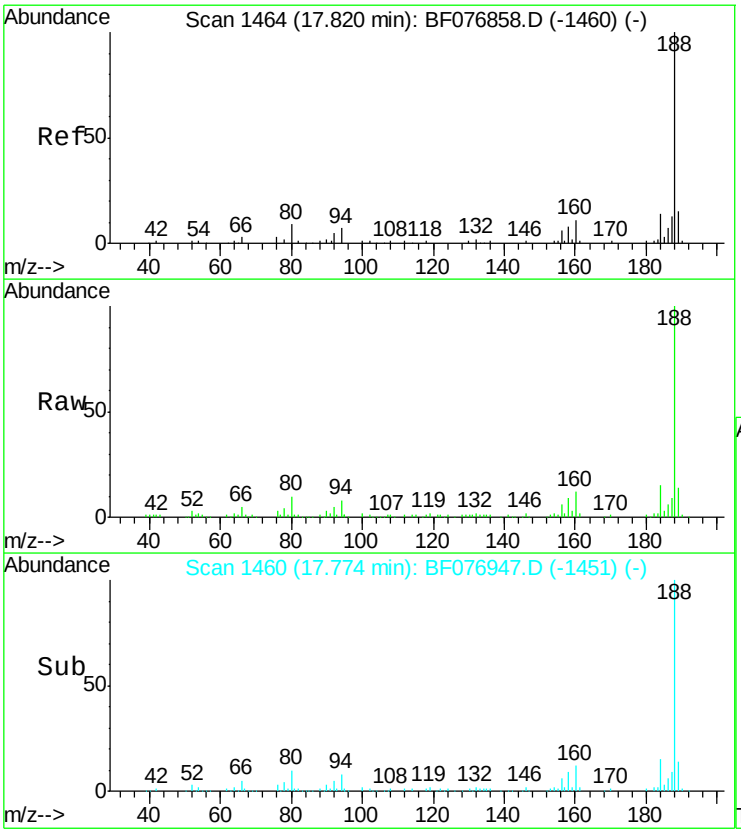
#57
Fluorene
Concen: 4.39 ng
RT: 16.23 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 22024

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.5	117.7
167	20.2	10.4	15.6#

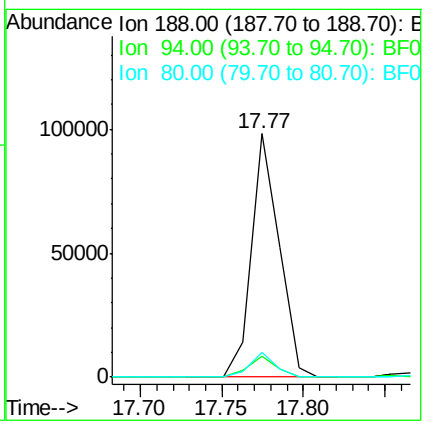


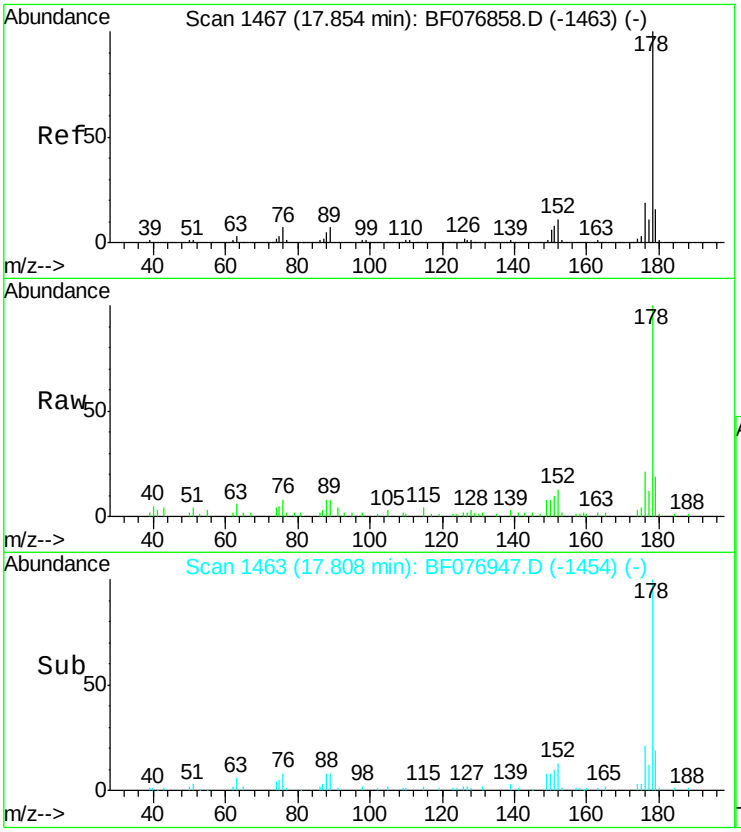


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:188 Resp: 115823

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.0	9.0
80	10.2	6.9	10.3



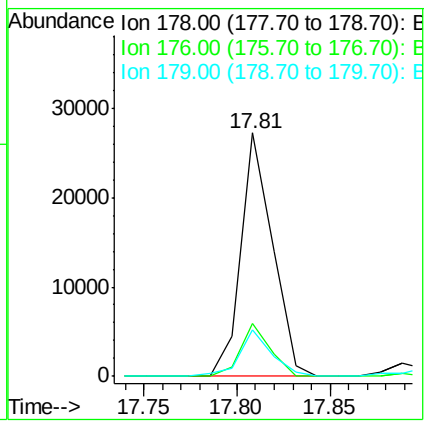


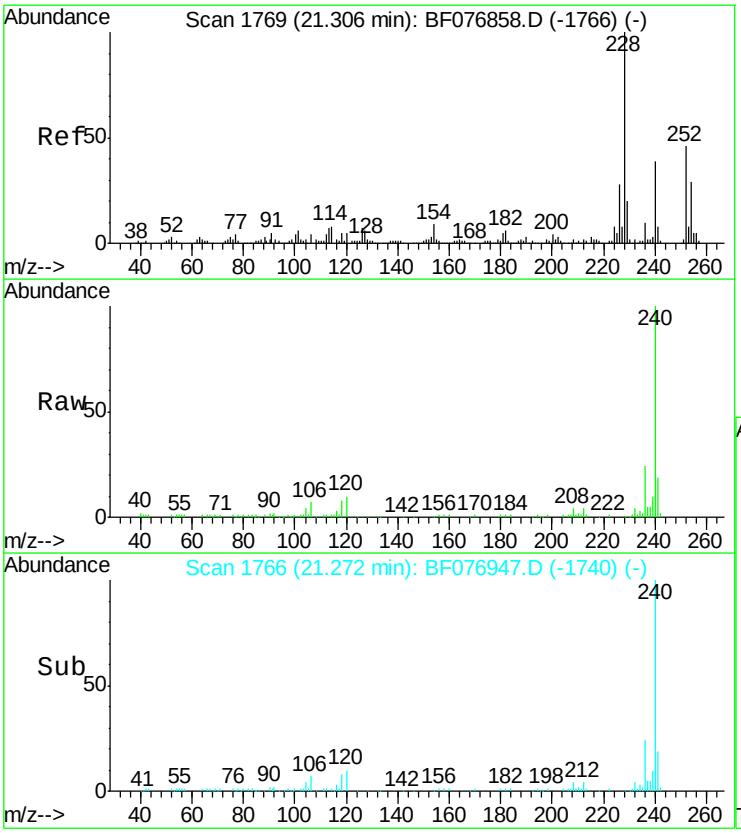
#70
Phenanthrene
Concen: 4.45 ng
RT: 17.81 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 32126

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	19.3	12.7	19.1#

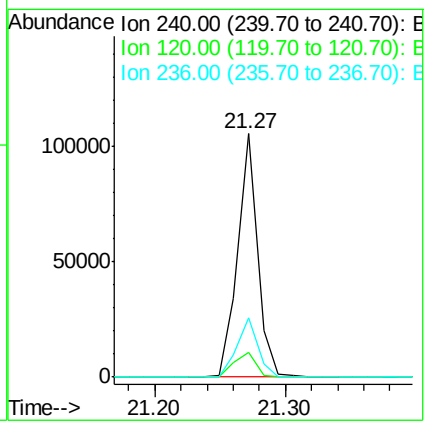


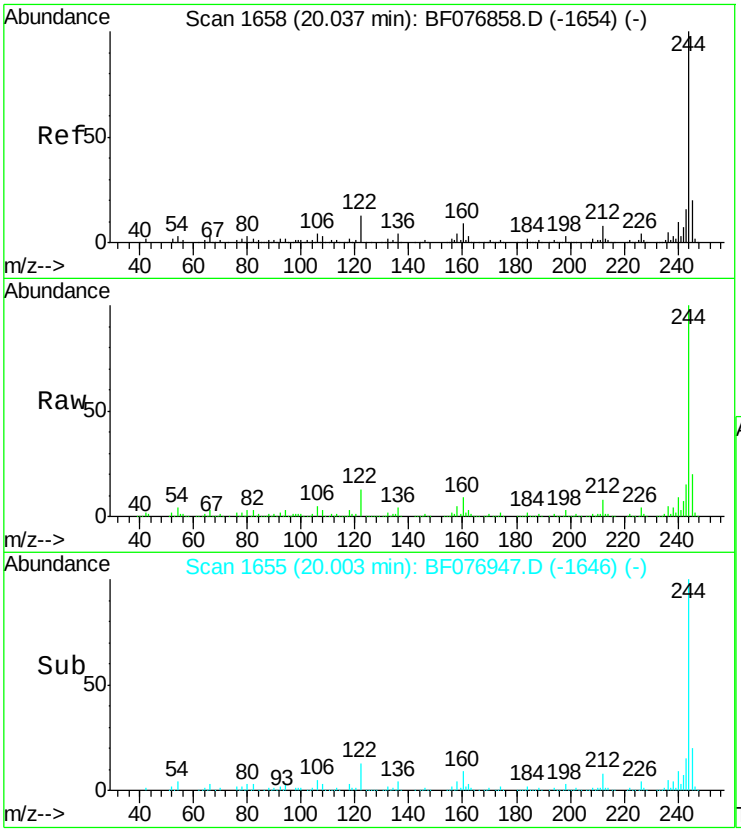


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:240 Resp: 111173

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	24.2	20.2	30.2



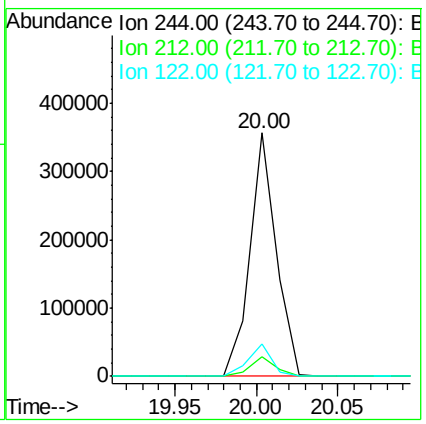


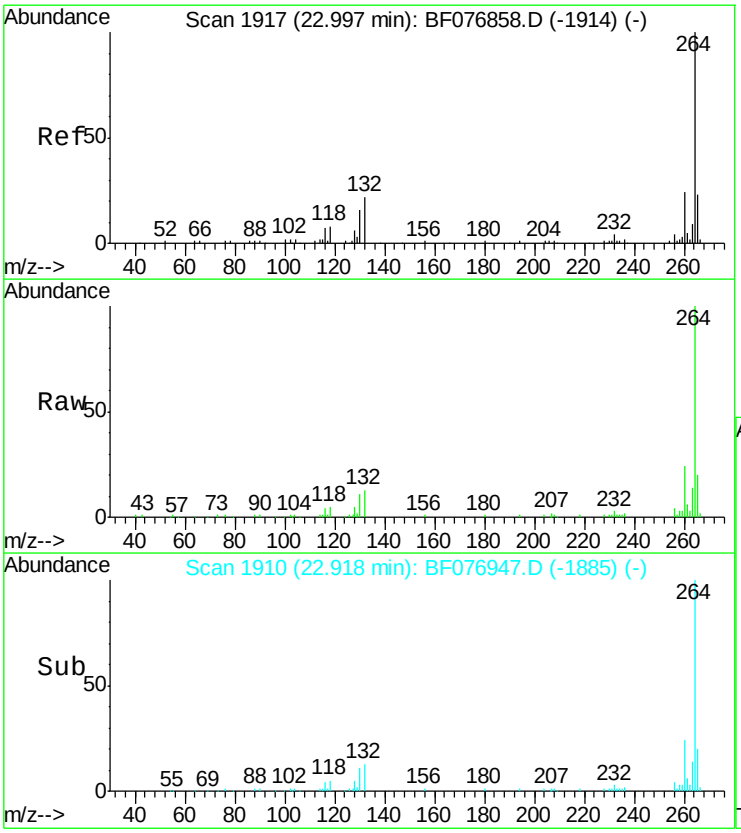
#78
Terphenyl-d14
Concen: 82.60 ng
RT: 20.00 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 398897

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	13.2	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.92 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BF076947.D
Acq: 20 Jan 2015 3:27

Tgt Ion:264 Resp: 103447

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.4	18.1	27.1