Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090760.D
Acq On : 22 Oct 2016 14:15
Operator : UM/SJ
Sample : H5367-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLK-TEST

Quant Time: Oct 24 00:50:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235836	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1023530	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	523039	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	815709	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	467705	20.00	ng	0.00
86) Perylene-d12	15.45	264	356091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	41443	2.83	ng	0.00
7) Phenol-d6	6.50	99	43435	2.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	112883	6.05	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	35460	8.57	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	240255	7.13	ng	-0.01
78) Terphenyl-d14	12.97	244	192039	9.41	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.89	165	65837	9.32	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	66813	7.73	ng	# 33

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

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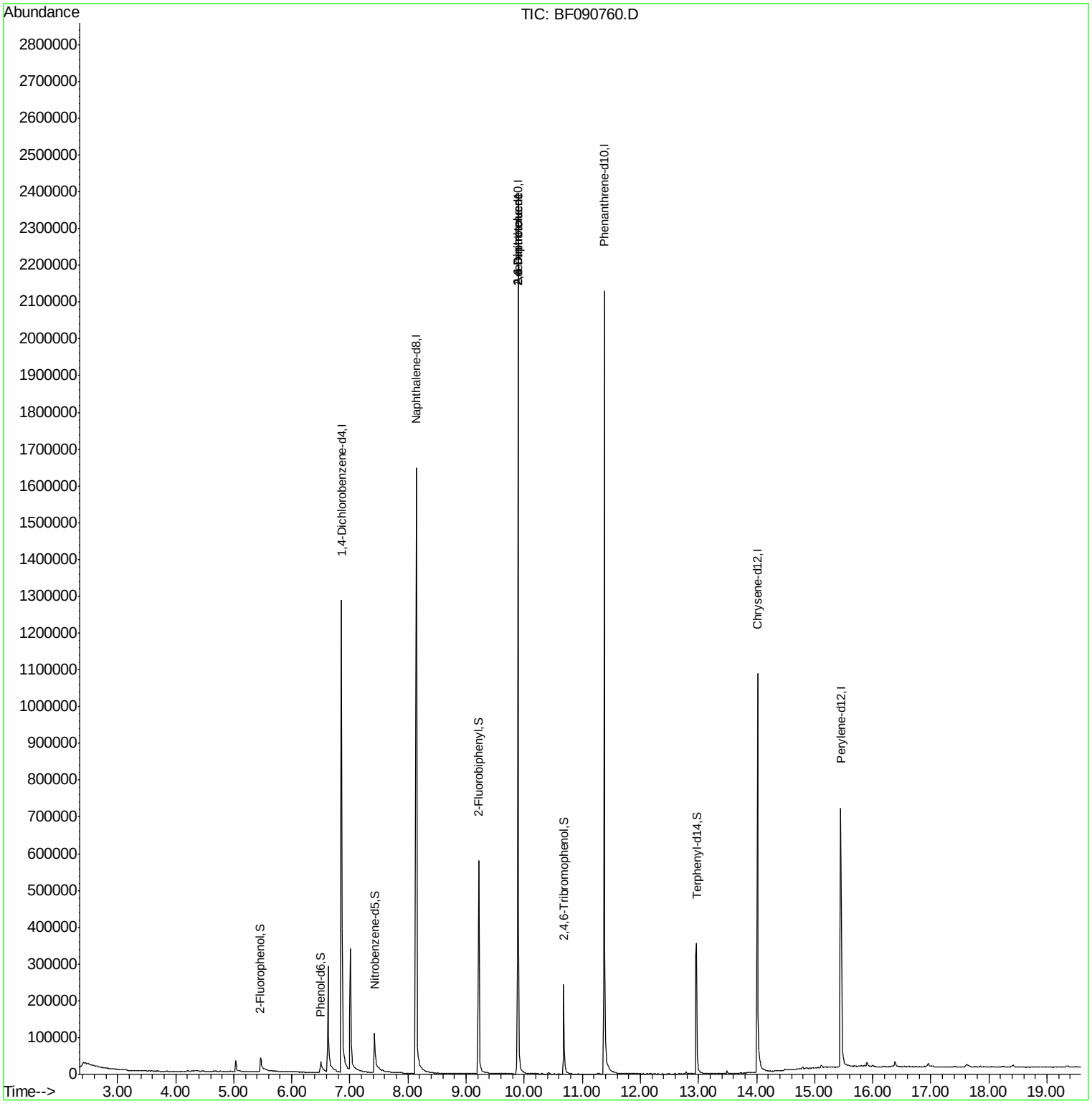
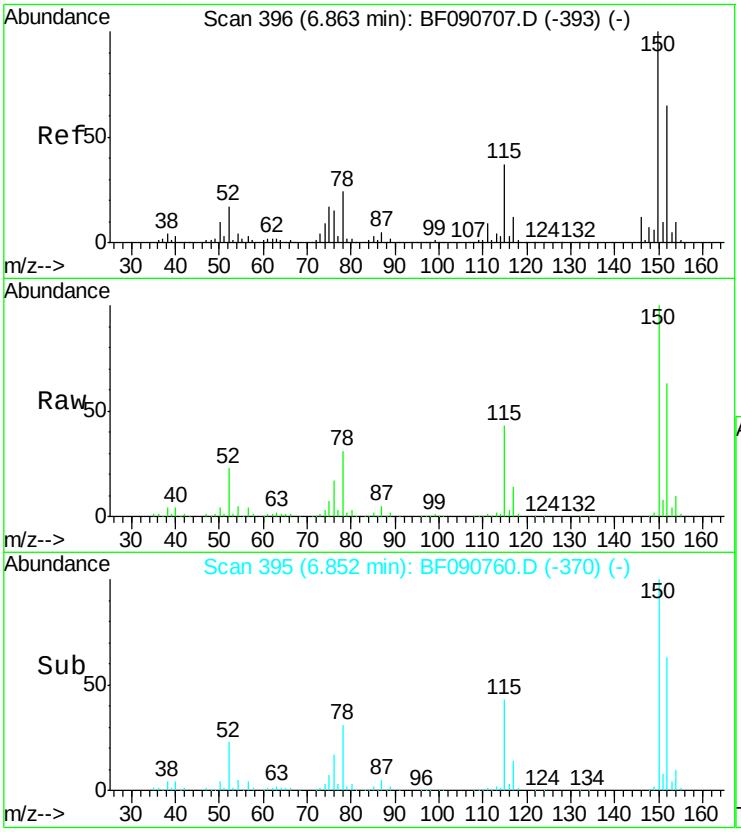


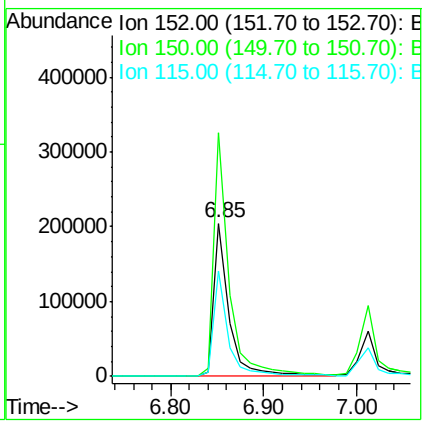


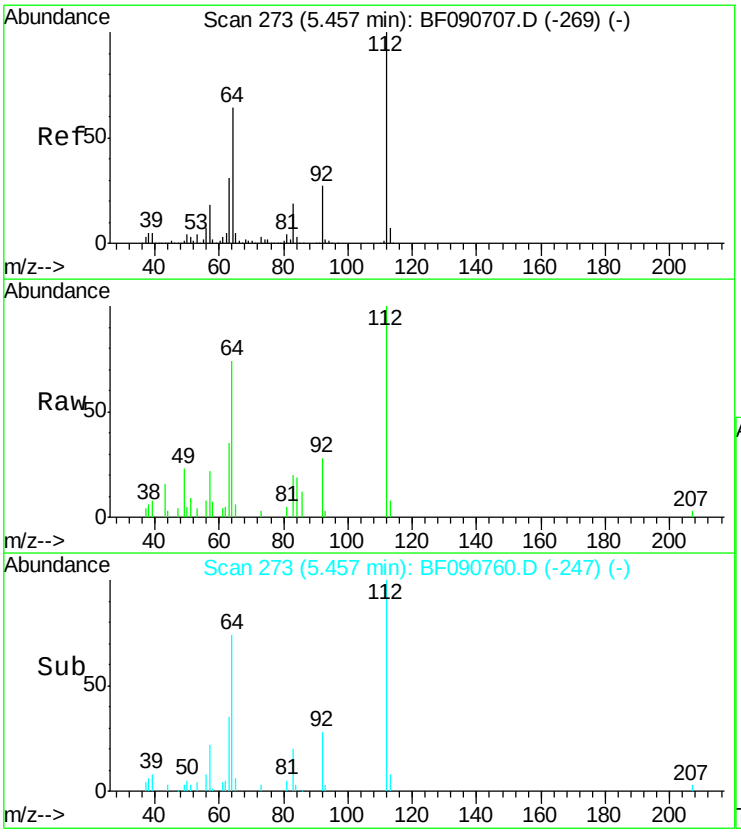
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion:152 Resp: 235836

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	68.8	39.0	58.4#

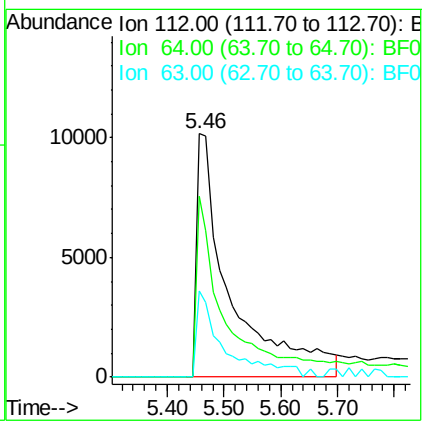


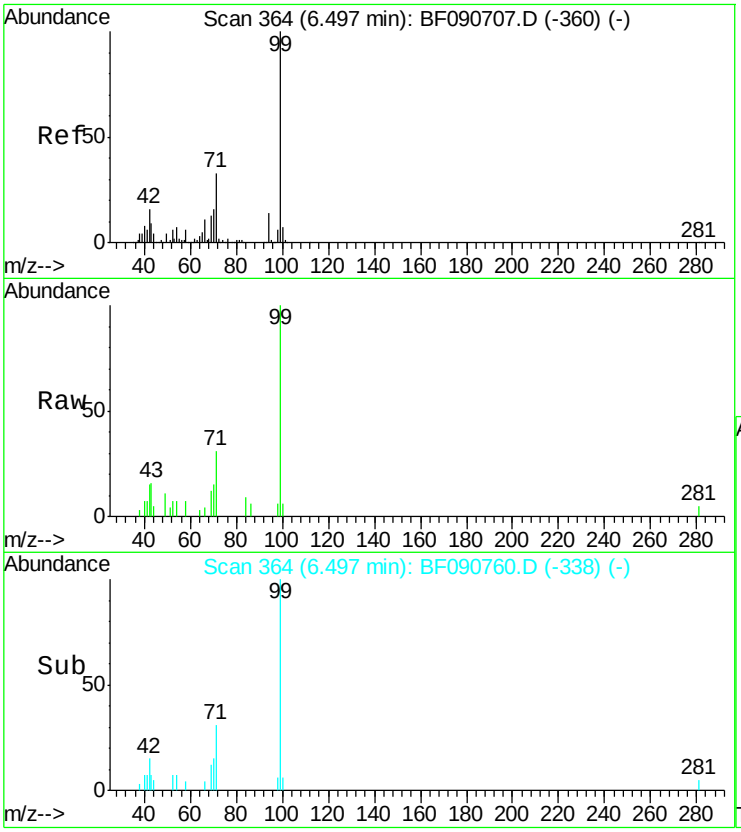


#5
2-Fluorophenol
Concen: 2.83 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:112 Resp: 41443

Ion	Ratio	Lower	Upper
112	100		
64	74.4	39.7	59.5#
63	35.3	17.4	26.0#



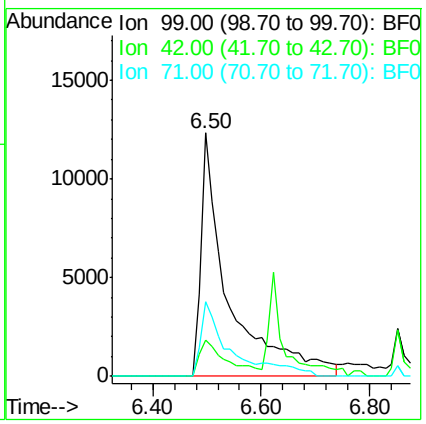


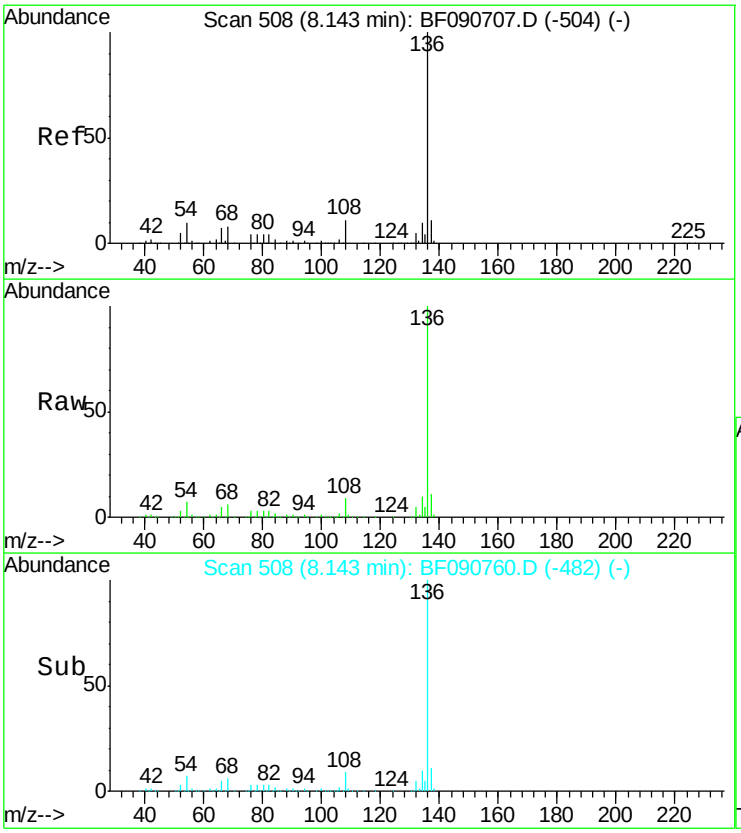
#7
Phenol-d6
Concen: 2.19 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion: 99 Resp: 43435

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	30.7	14.2	21.2#

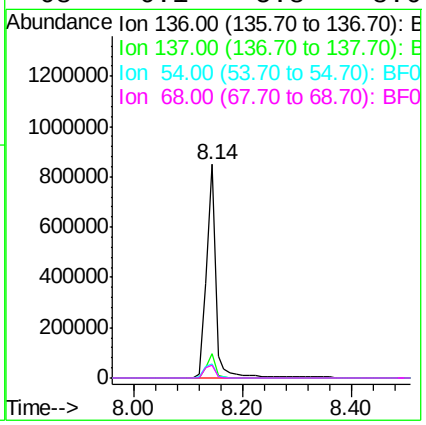


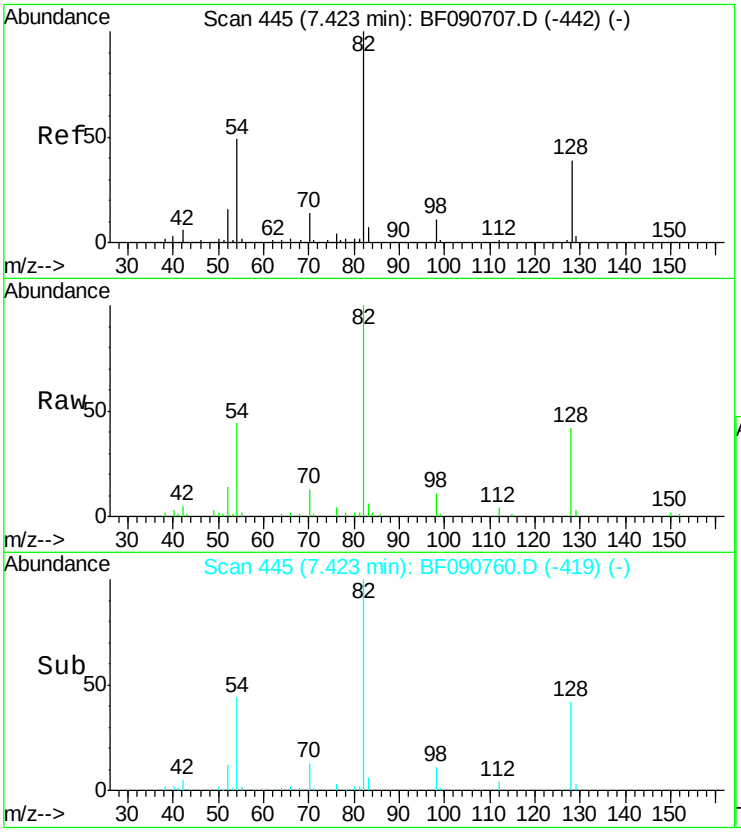


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:136 Resp: 1023530

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.6	8.2	12.2#
68	6.1	5.8	8.6



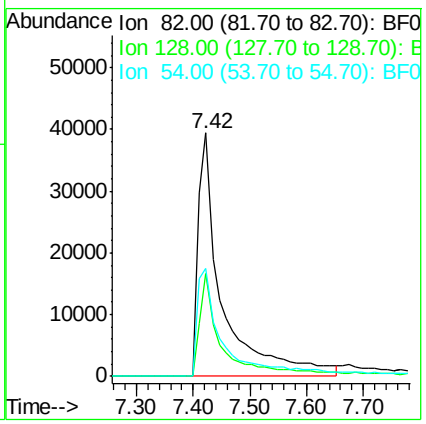


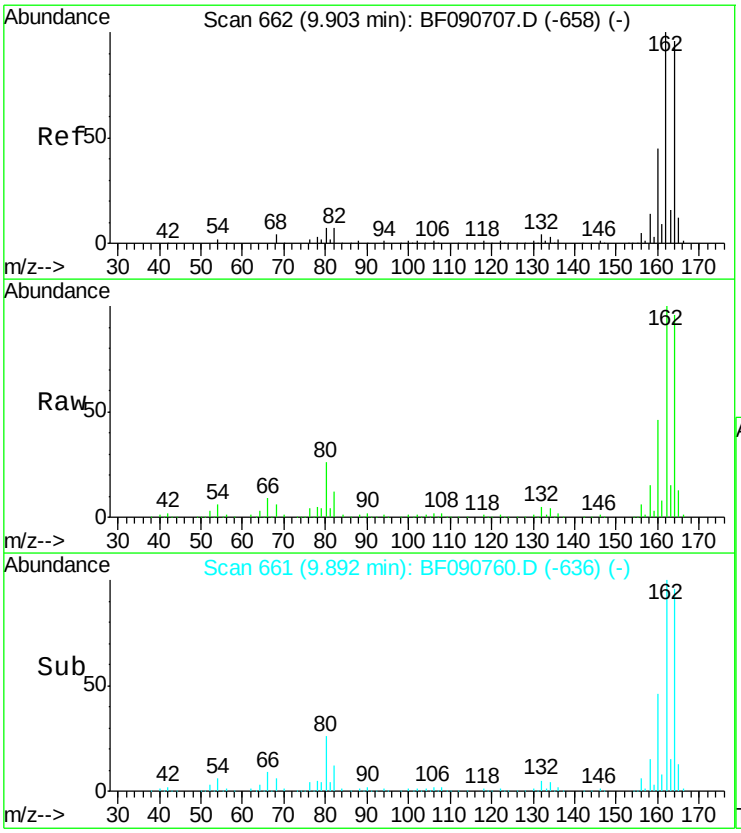
#23
Nitrobenzene-d5
Concen: 6.05 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion: 82 Resp: 112883

Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	44.3	47.5	71.3#

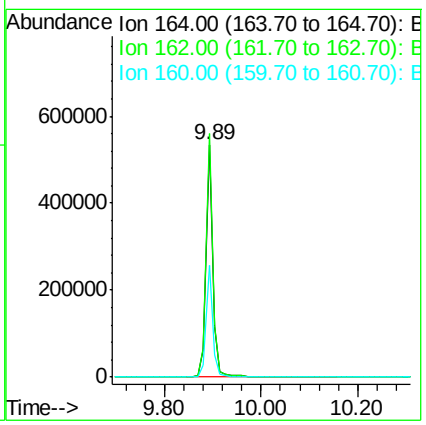


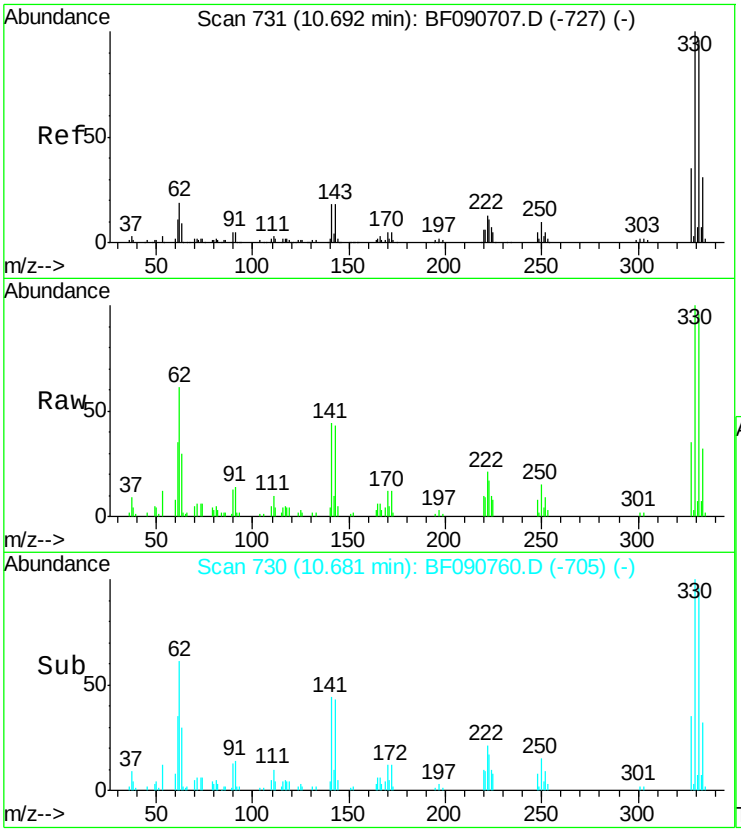


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:164 Resp: 523039

Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	47.9	31.5	47.3#



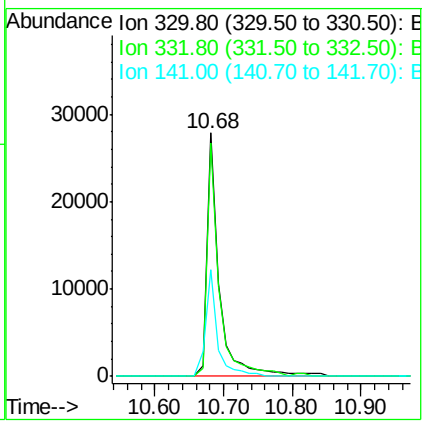


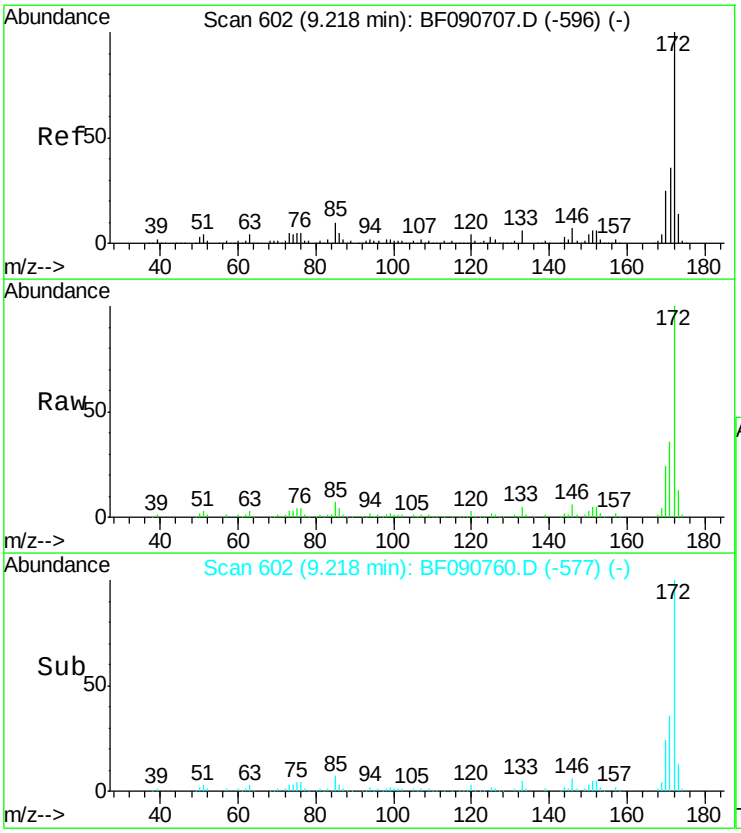
#41
2,4,6-Tribromophenol
Concen: 8.57 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion:330 Resp: 35460

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.6	114.8
141	41.0	29.7	44.5

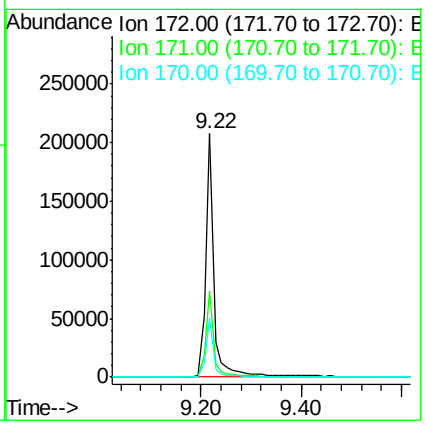


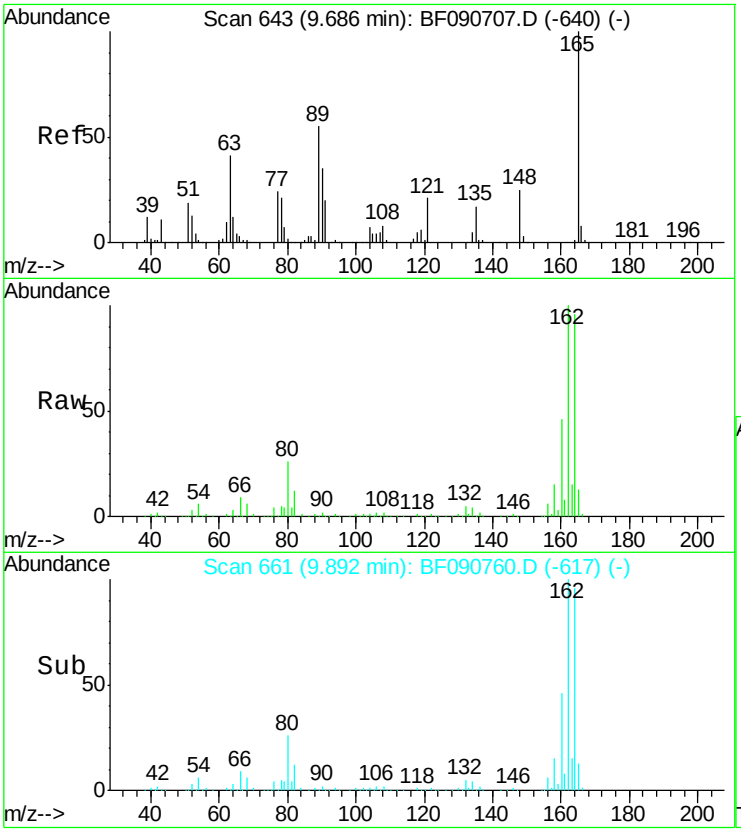


#44
2-Fluorobiphenyl
Concen: 7.13 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:172 Resp: 240255

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.5	17.4	26.2



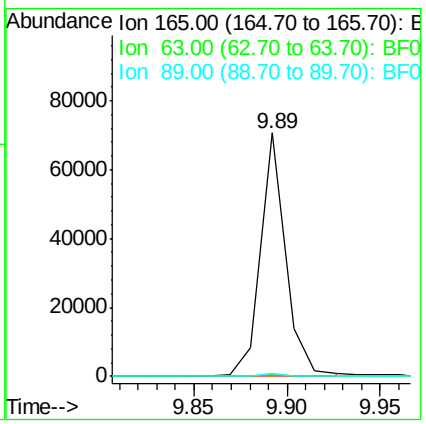


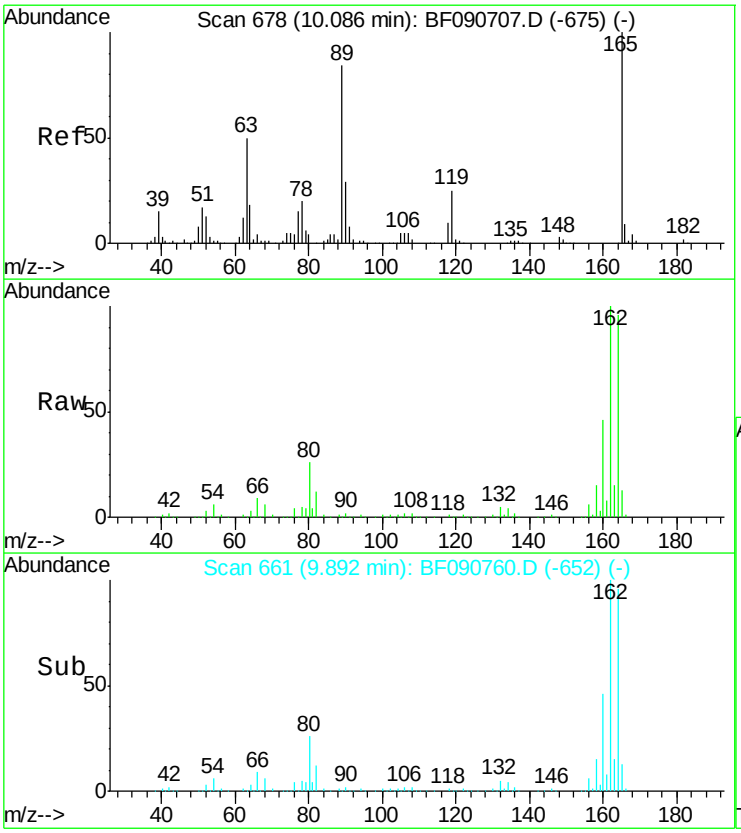
#50
2,6-Dinitrotoluene
Concen: 9.32 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion:165 Resp: 65837

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.0	28.6	43.0#

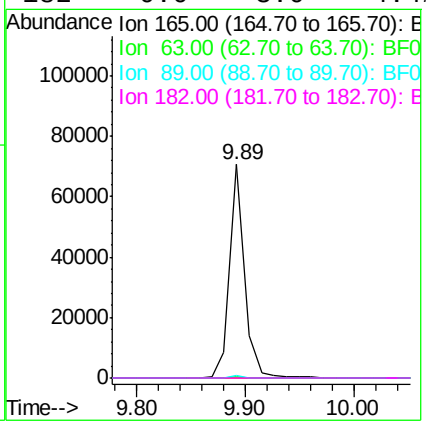


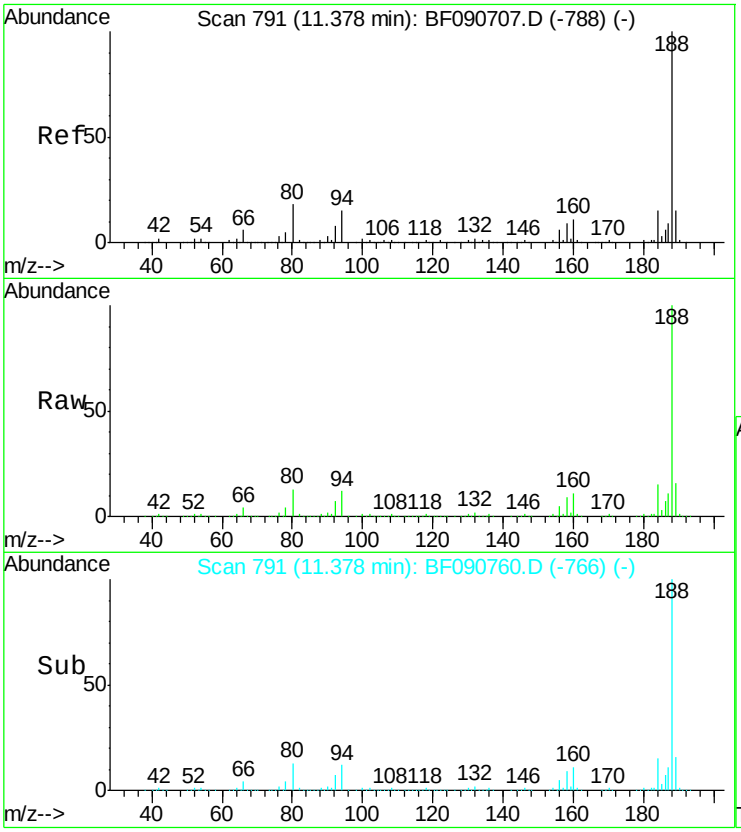


#56
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:165 Resp: 66813

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#



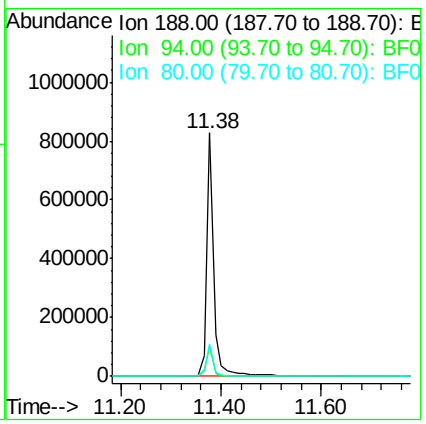


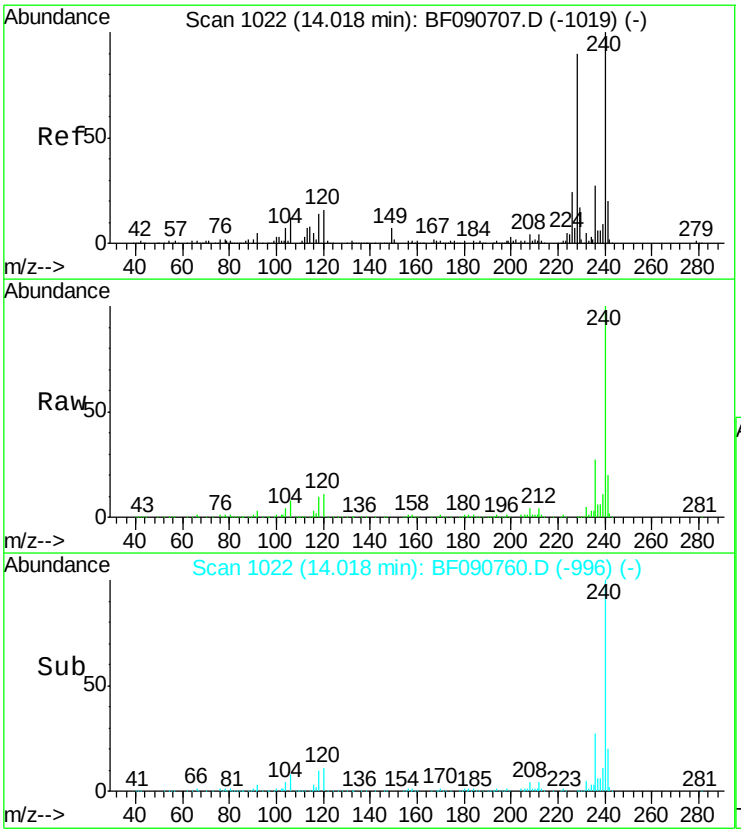
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion:188 Resp: 815709

Ion	Ratio	Lower	Upper
188	100		
94	12.1	11.1	16.7
80	13.2	11.0	16.4

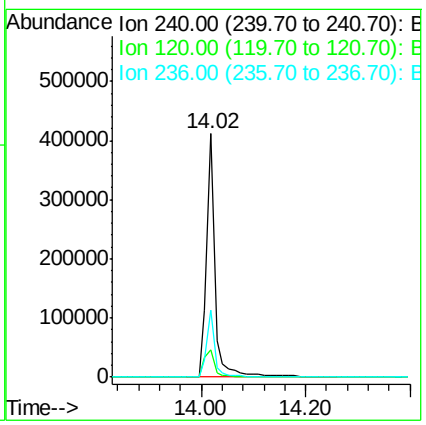


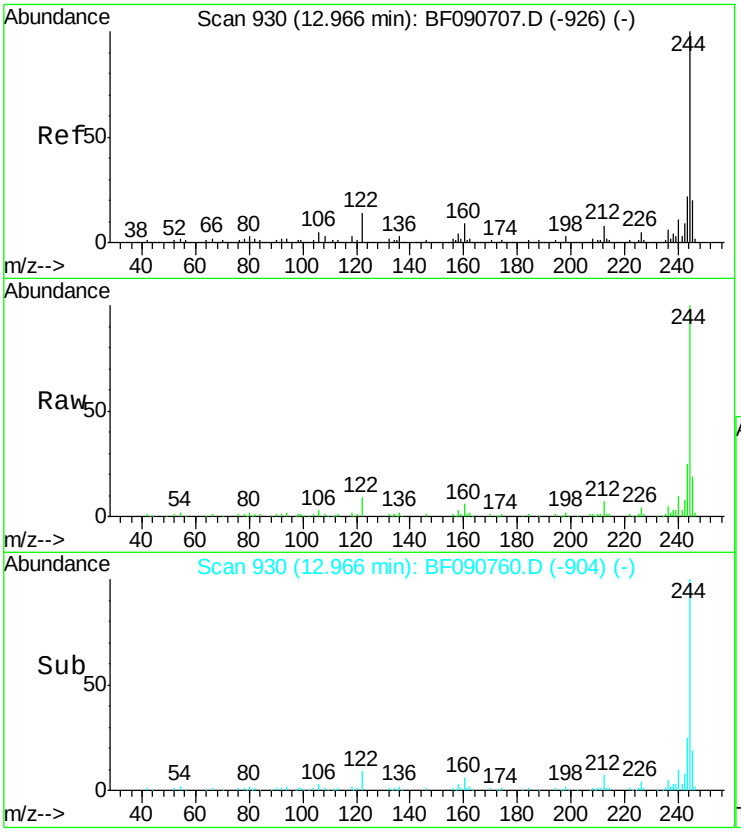


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:240 Resp: 467705

Ion	Ratio	Lower	Upper
240	100		
120	11.1	16.2	24.2#
236	27.4	18.4	27.6



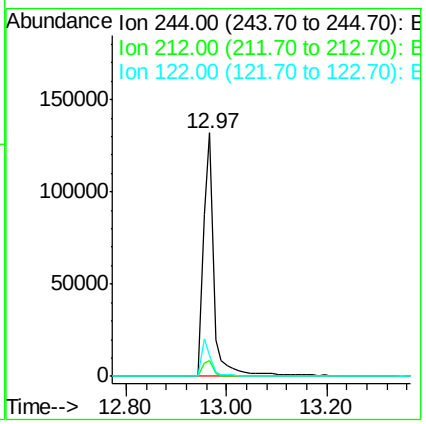


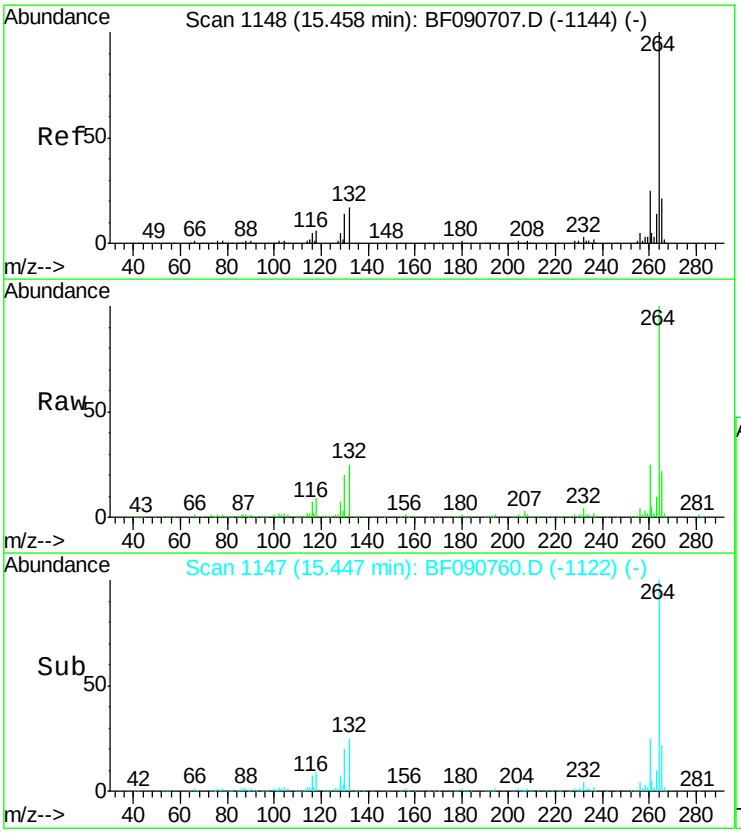
#78
Terphenyl-d14
Concen: 9.41 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Instrument :
BNA_F
ClientSampleId :
BLK-TEST

Tgt Ion:244 Resp: 192039

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	8.7	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090760.D
Acq: 22 Oct 2016 14:15

Tgt Ion:264 Resp: 356091

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.6	17.2	25.8