Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090737.D
Acq On : 22 Oct 2016 3:44
Operator : UM/SJ
Sample : H5308-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105S

Quant Time: Oct 22 05:25:29 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	259902	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1071992	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	521160	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	824098	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	517800	20.00	ng		0.00
86) Perylene-d12	15.45	264	374683	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	850875	52.80	ng		0.00
7) Phenol-d6	6.49	99	689896	31.61	ng		-0.01
23) Nitrobenzene-d5	7.42	82	1748858	89.48	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	674663	163.56	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2517523	74.99	ng		-0.01
78) Terphenyl-d14	12.98	244	2544292	112.61	ng		0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.26	107	49727	2.88	ng		82
49) Dimethylphthalate	9.62	163	254982	7.79	ng	#	96

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

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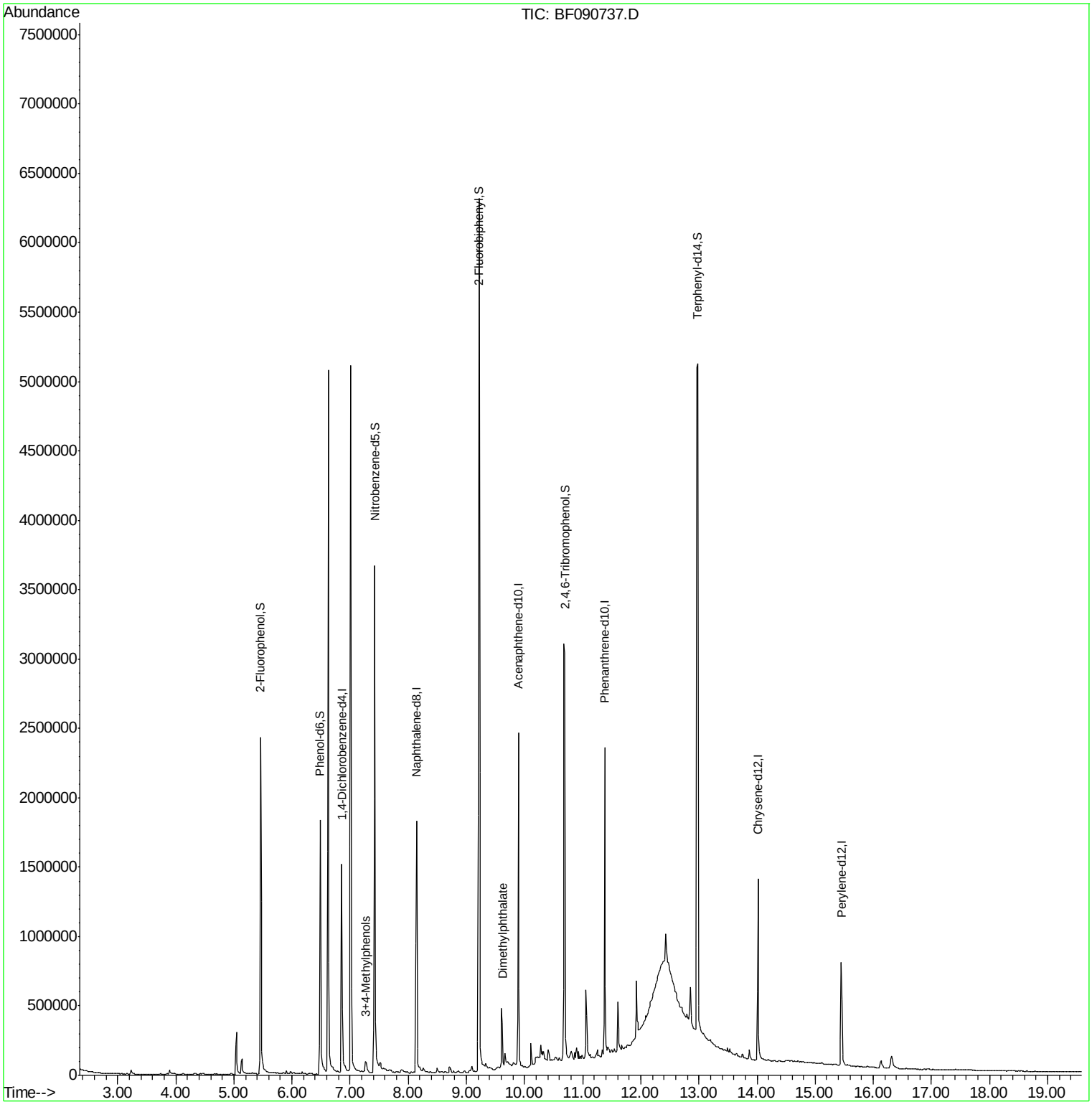
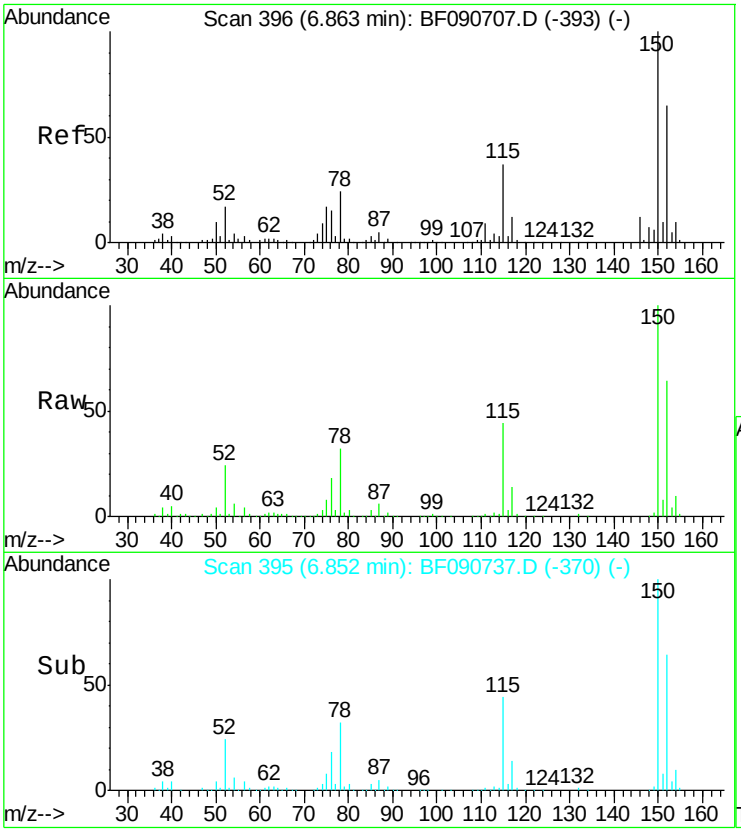


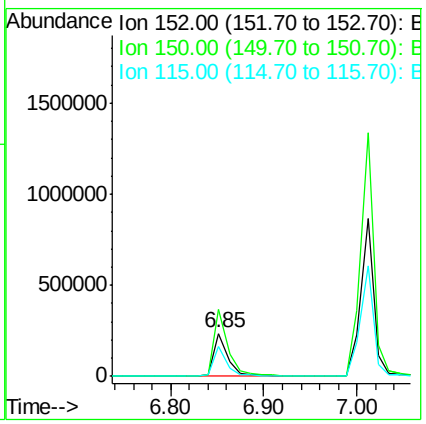


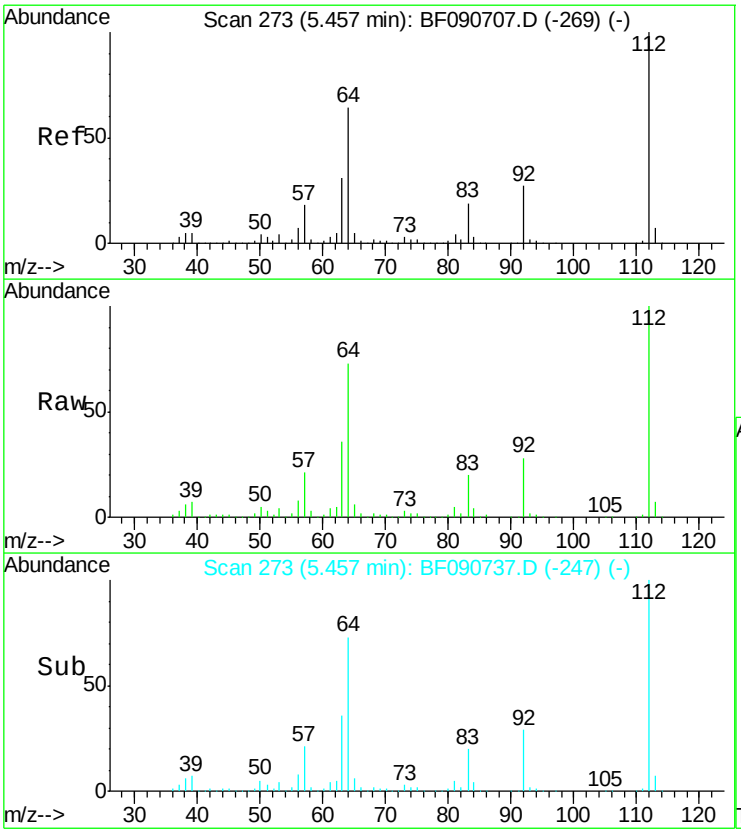
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:152 Resp: 259902

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	69.2	39.0	58.4#

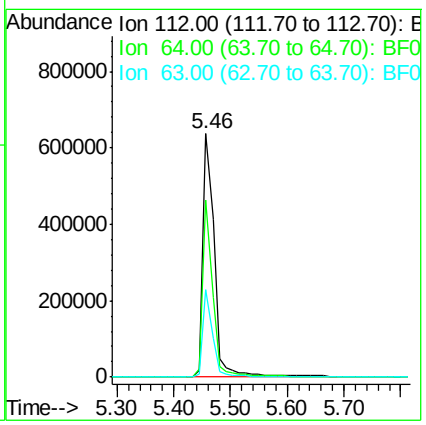


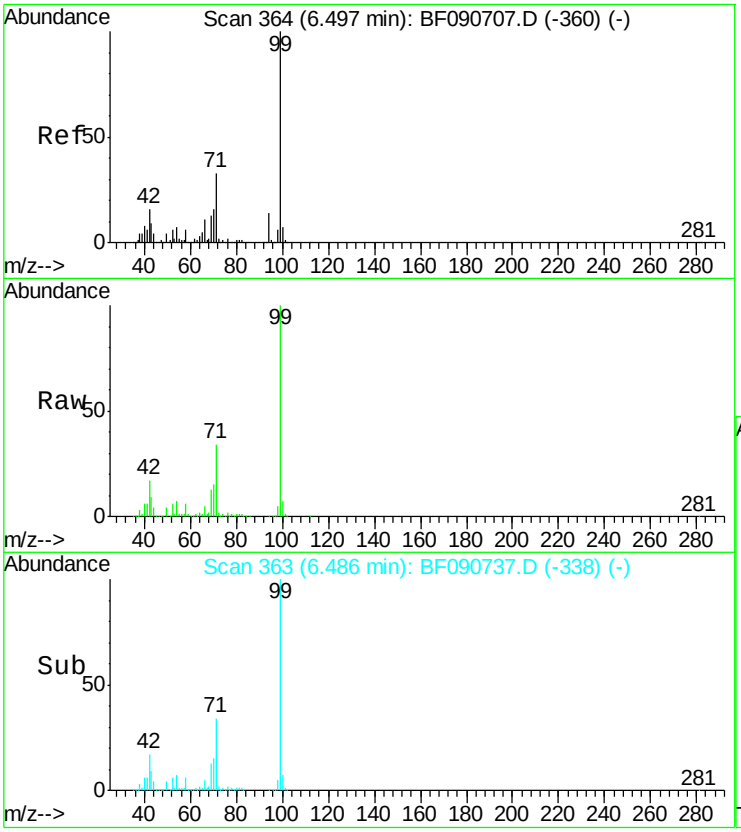


#5
2-Fluorophenol
Concen: 52.80 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:112 Resp: 850875

Ion	Ratio	Lower	Upper
112	100		
64	72.7	39.7	59.5#
63	36.0	17.4	26.0#



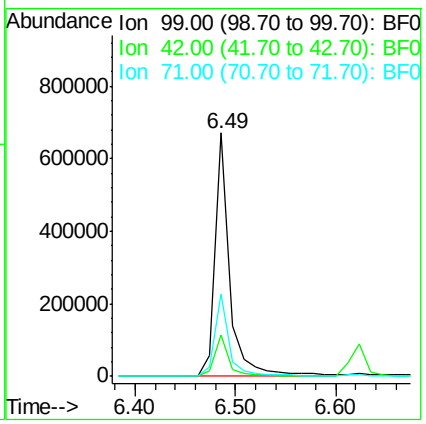


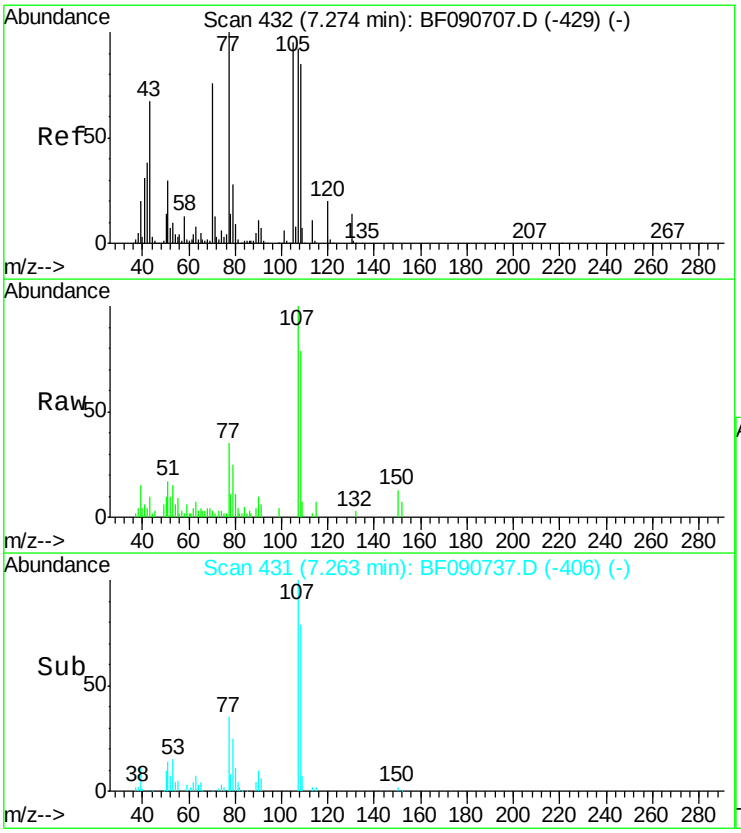
#7
Phenol-d6
Concen: 31.61 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion: 99 Resp: 689896

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	33.7	14.2	21.2#

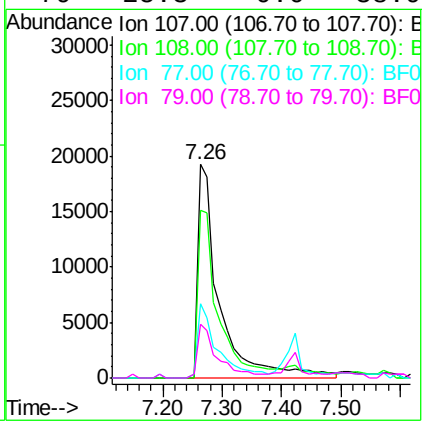


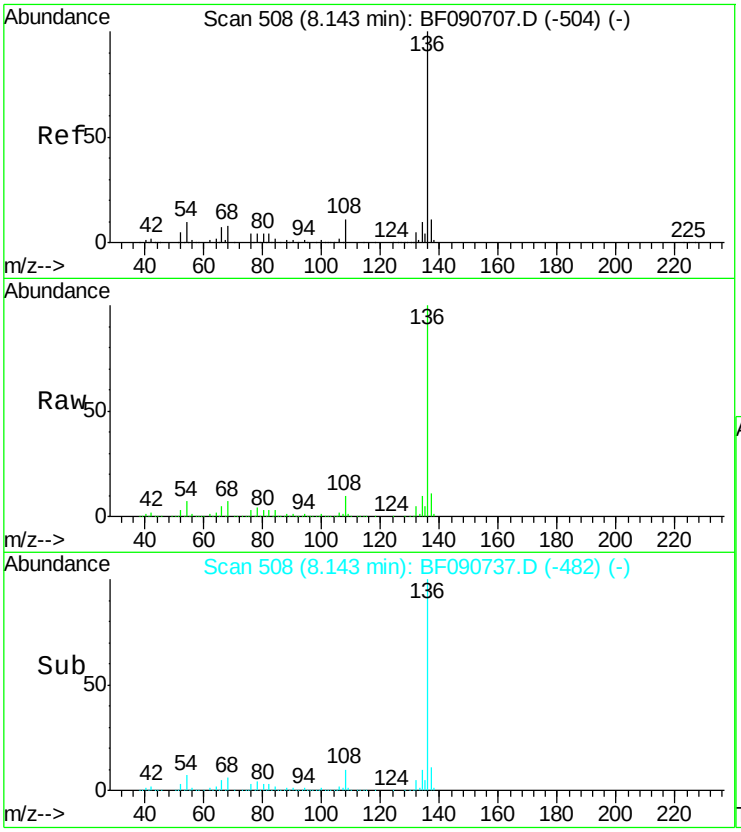


#20
3+4-Methylphenols
Concen: 2.88 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:107 Resp: 49727

Ion	Ratio	Lower	Upper
107	100		
108	78.5	74.6	114.6
77	35.0	0.7	40.7
79	25.3	0.0	38.9



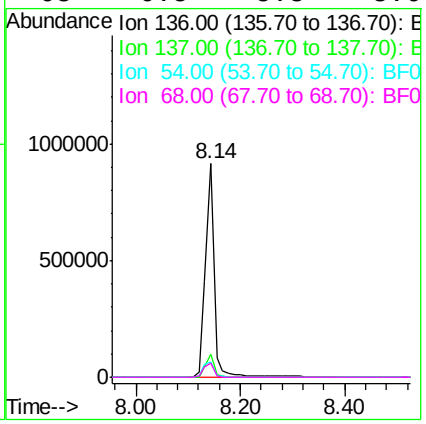


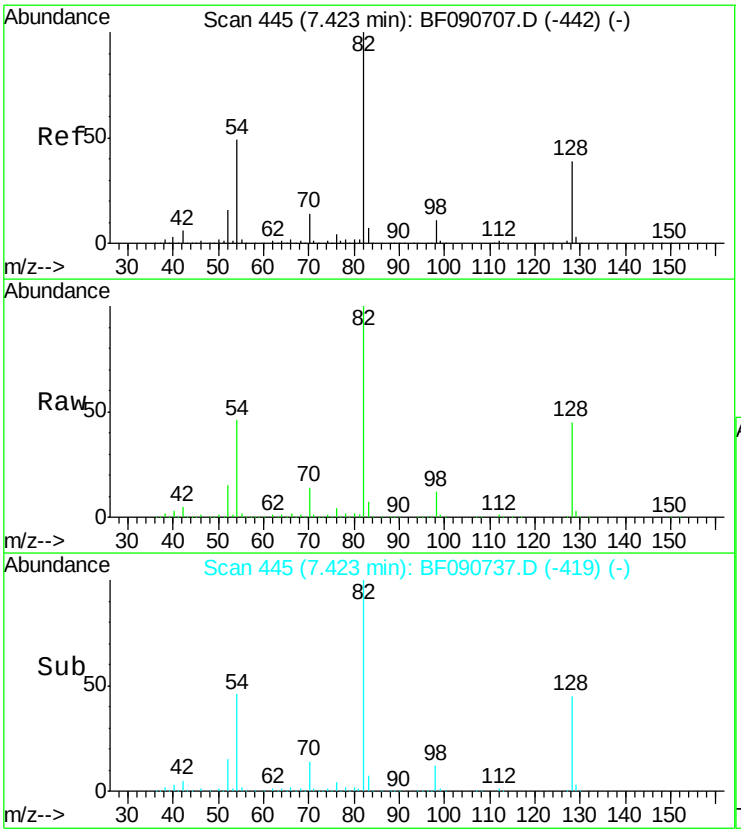
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:136 Resp: 1071992

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.2	8.2	12.2#
68	6.5	5.8	8.6

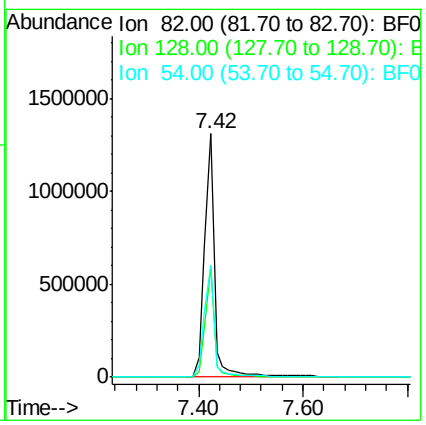


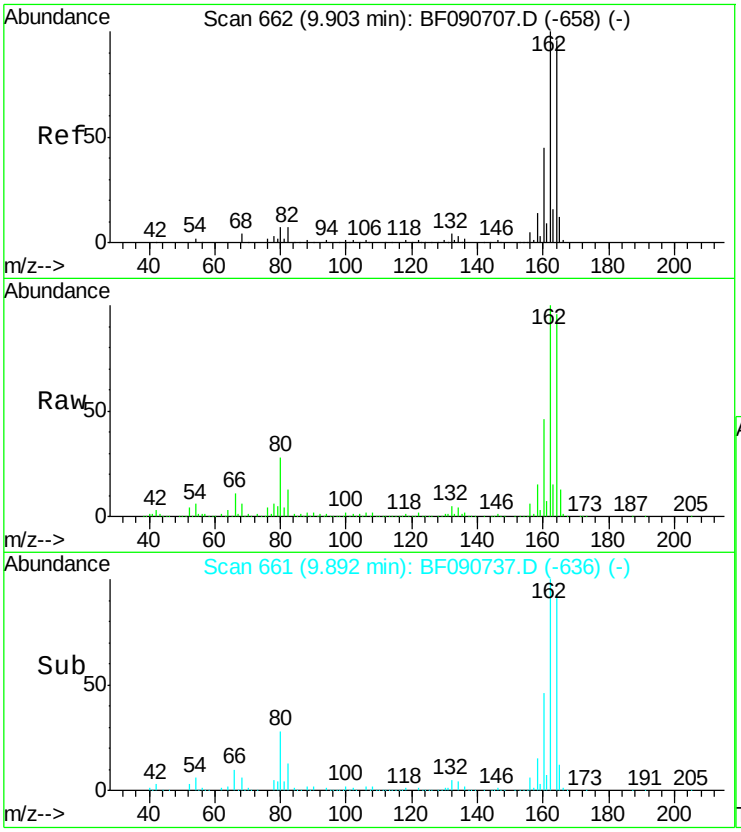


#23
Nitrobenzene-d5
Concen: 89.48 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion: 82 Resp: 1748858

Ion	Ratio	Lower	Upper
82	100		
128	44.6	51.0	76.6#
54	46.1	47.5	71.3#



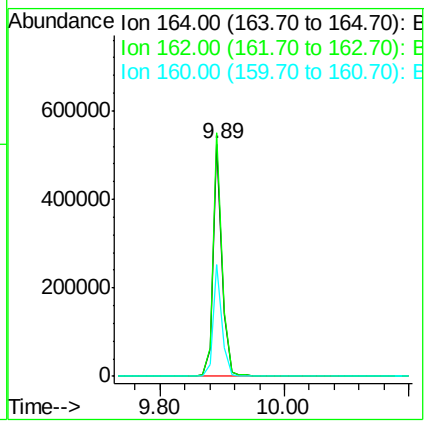


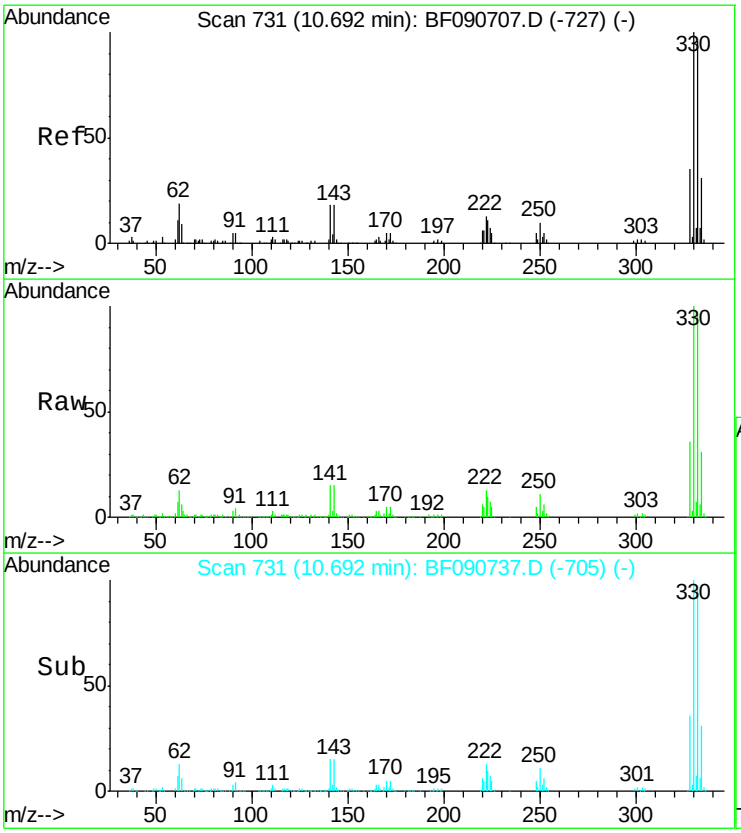
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:164 Resp: 521160

Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	47.8	31.5	47.3#

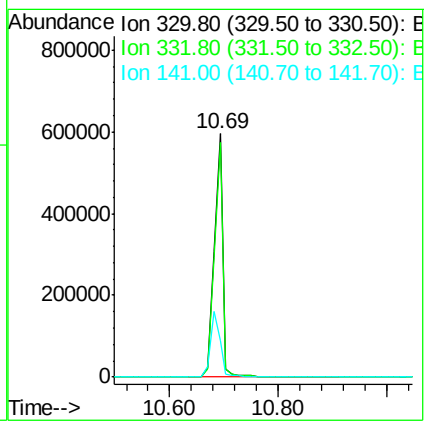


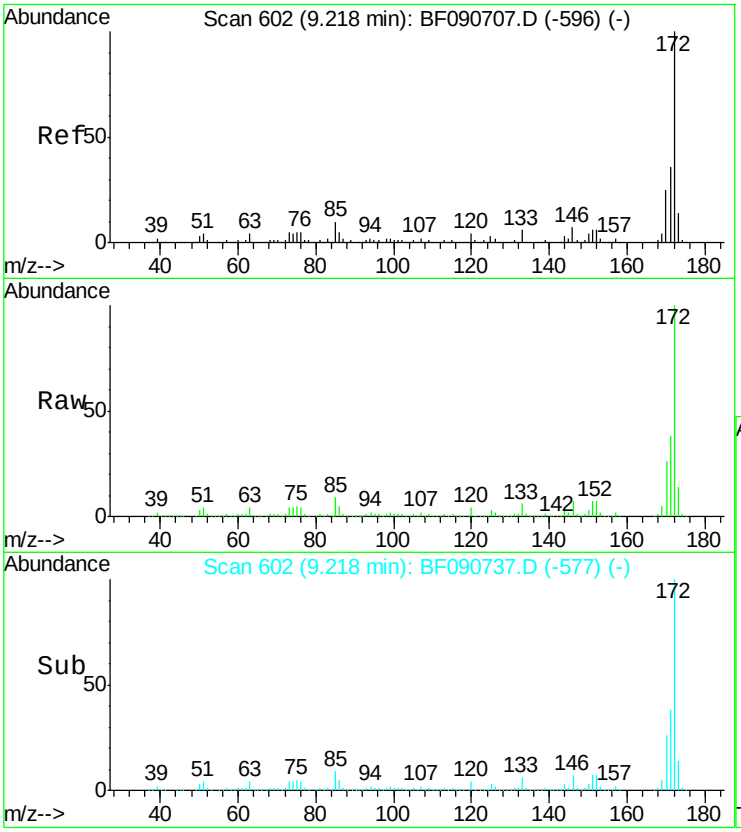


#41
2,4,6-Tribromophenol
Concen: 163.56 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:330 Resp: 674663

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	30.4	29.7	44.5



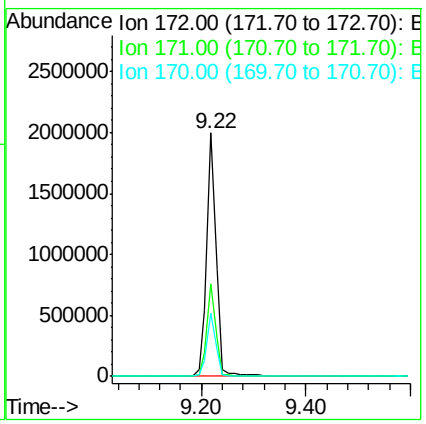


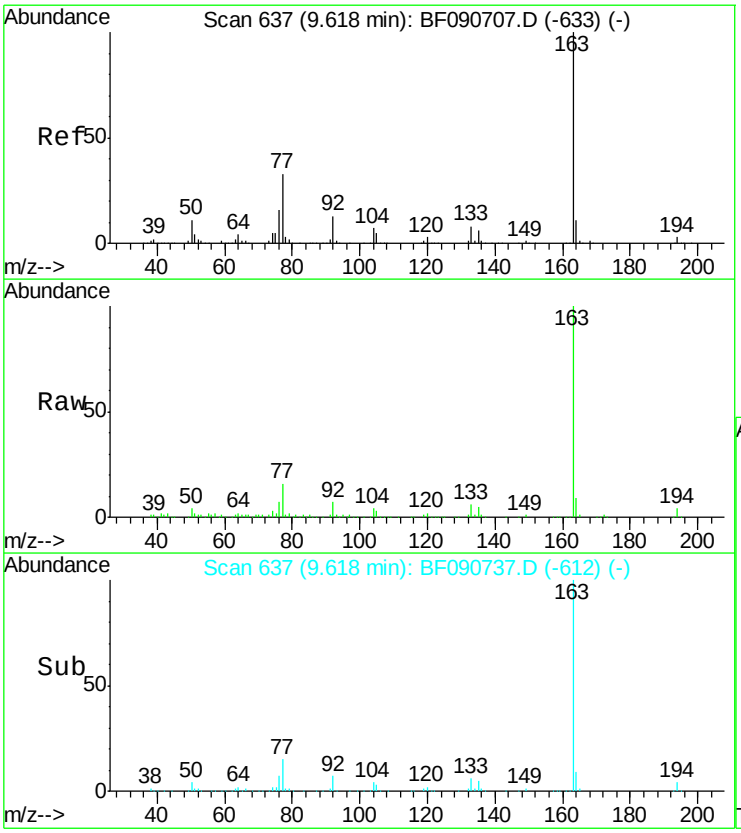
#44
2-Fluorobiphenyl
Concen: 74.99 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:172 Resp: 2517523

Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	26.0	17.4	26.2

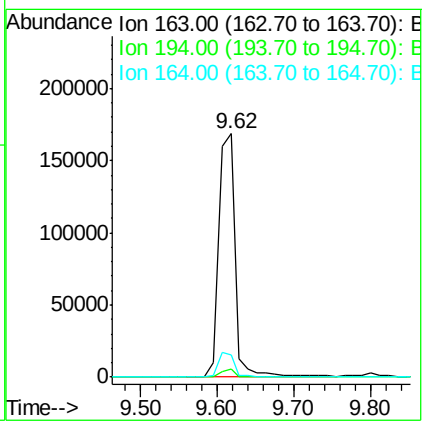


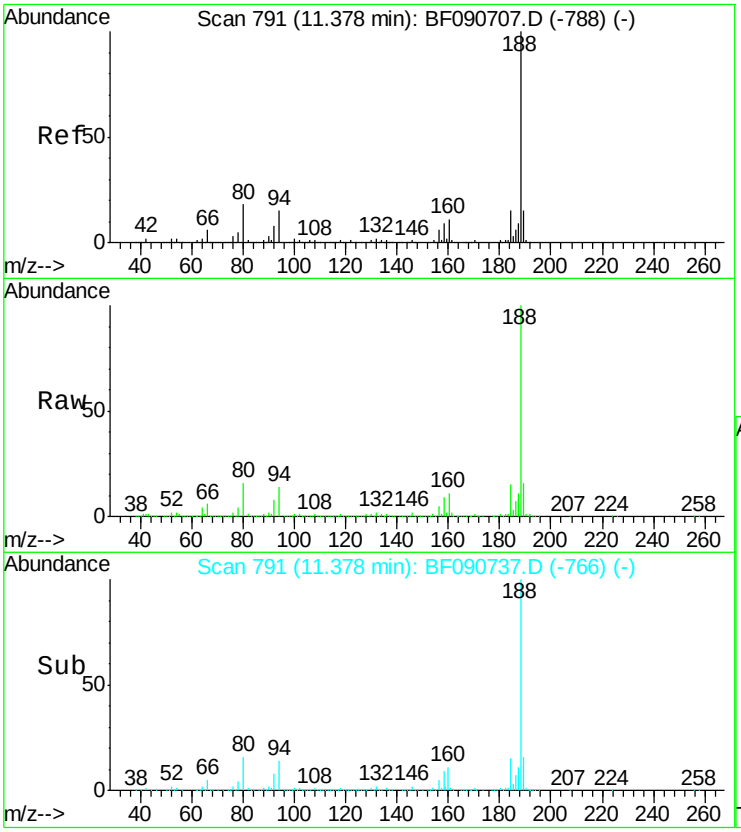


#49
Dimethylphthalate
Concen: 7.79 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:163 Resp: 254982

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.1	8.3	12.5



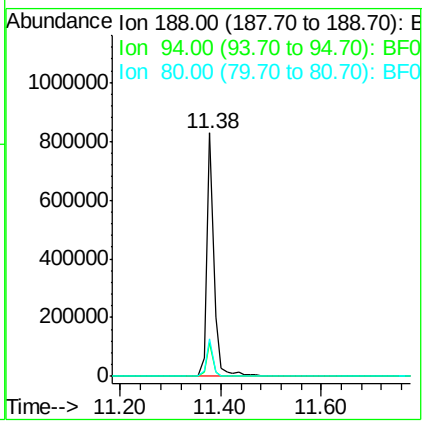


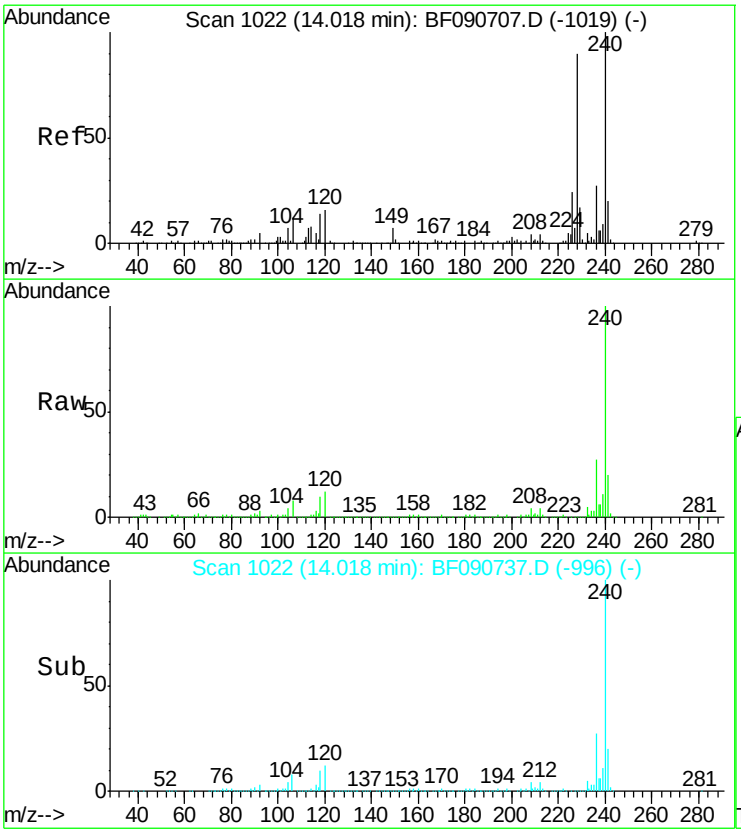
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:188 Resp: 824098

Ion	Ratio	Lower	Upper
188	100		
94	13.8	11.1	16.7
80	15.6	11.0	16.4

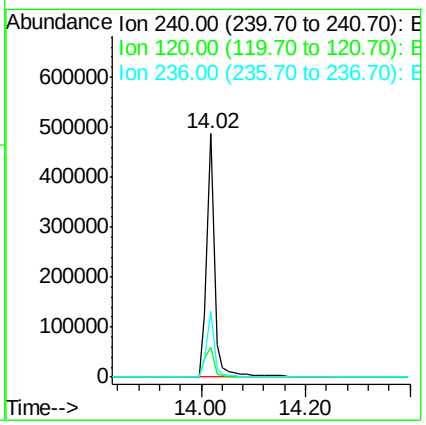


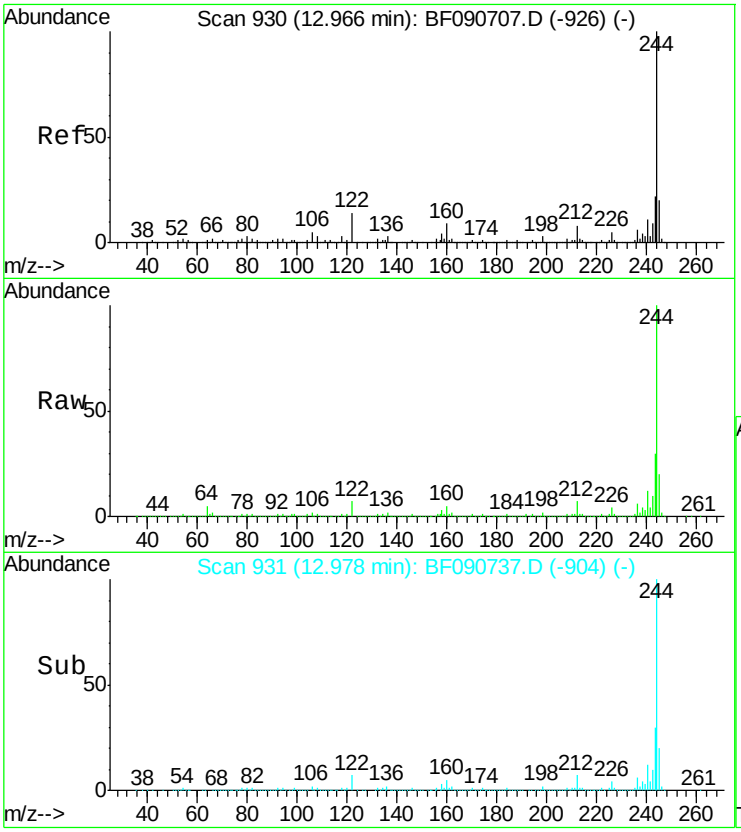


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:240 Resp: 517800

Ion	Ratio	Lower	Upper
240	100		
120	12.0	16.2	24.2#
236	27.2	18.4	27.6



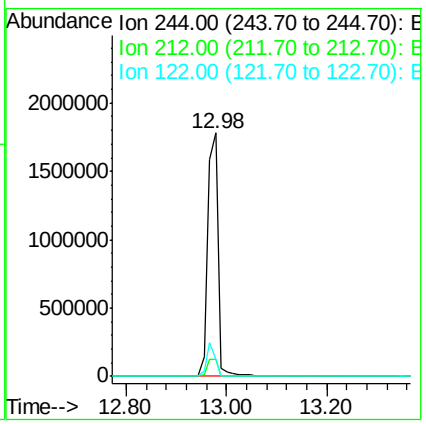


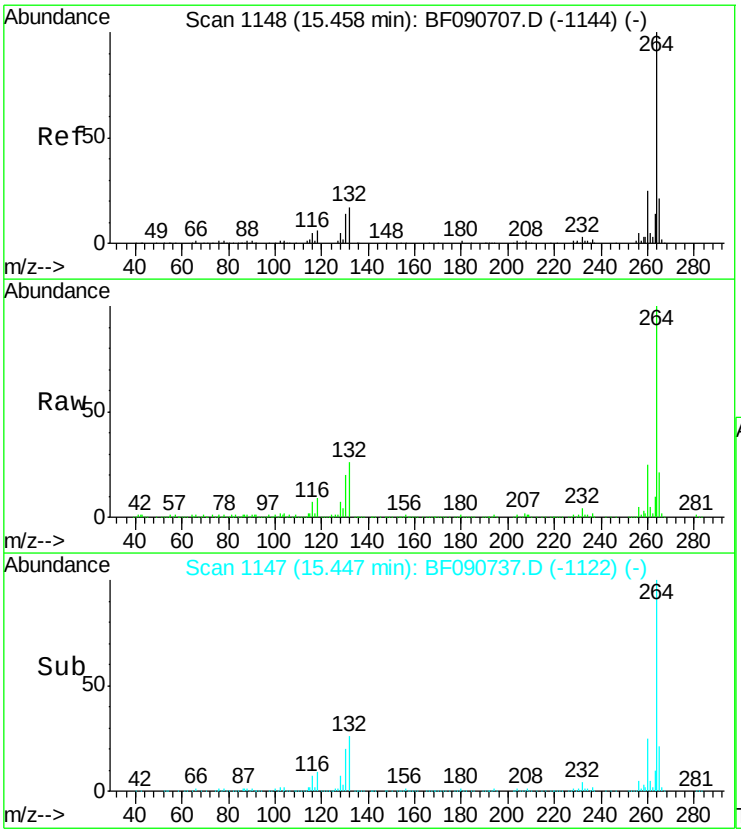
#78
Terphenyl-d14
Concen: 112.61 ng
RT: 12.98 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF090737.D
Acq: 22 Oct 2016 3:44

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:244 Resp: 2544292

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	6.8	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: BF090737.D
Acq: 22 Oct 2016 3:44

Tgt Ion:264 Resp: 374683

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.3	17.2	25.8