Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082031.D
Acq On : 3 Oct 2015 19:56
Operator : UM/IZ
Sample : G3867-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-6.5-7.0-092915

Quant Time: Oct 05 04:22:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	76832	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	327141	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	167554	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	325106	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	300742	20.00	ng	-0.05
86) Perylene-d12	15.53	264	226970	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	600853	141.96	ng	-0.04
7) Phenol-d6	6.51	99	803510	150.87	ng	-0.05
23) Nitrobenzene-d5	7.45	82	487972	99.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	265708	156.58	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	727384	70.23	ng	-0.06
78) Terphenyl-d14	13.02	244	847093	93.55	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.98	142	36399	3.68	ng	# 87
49) Dimethylphthalate	9.65	163	268313	23.20	ng	# 98

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

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Sample : G3867-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

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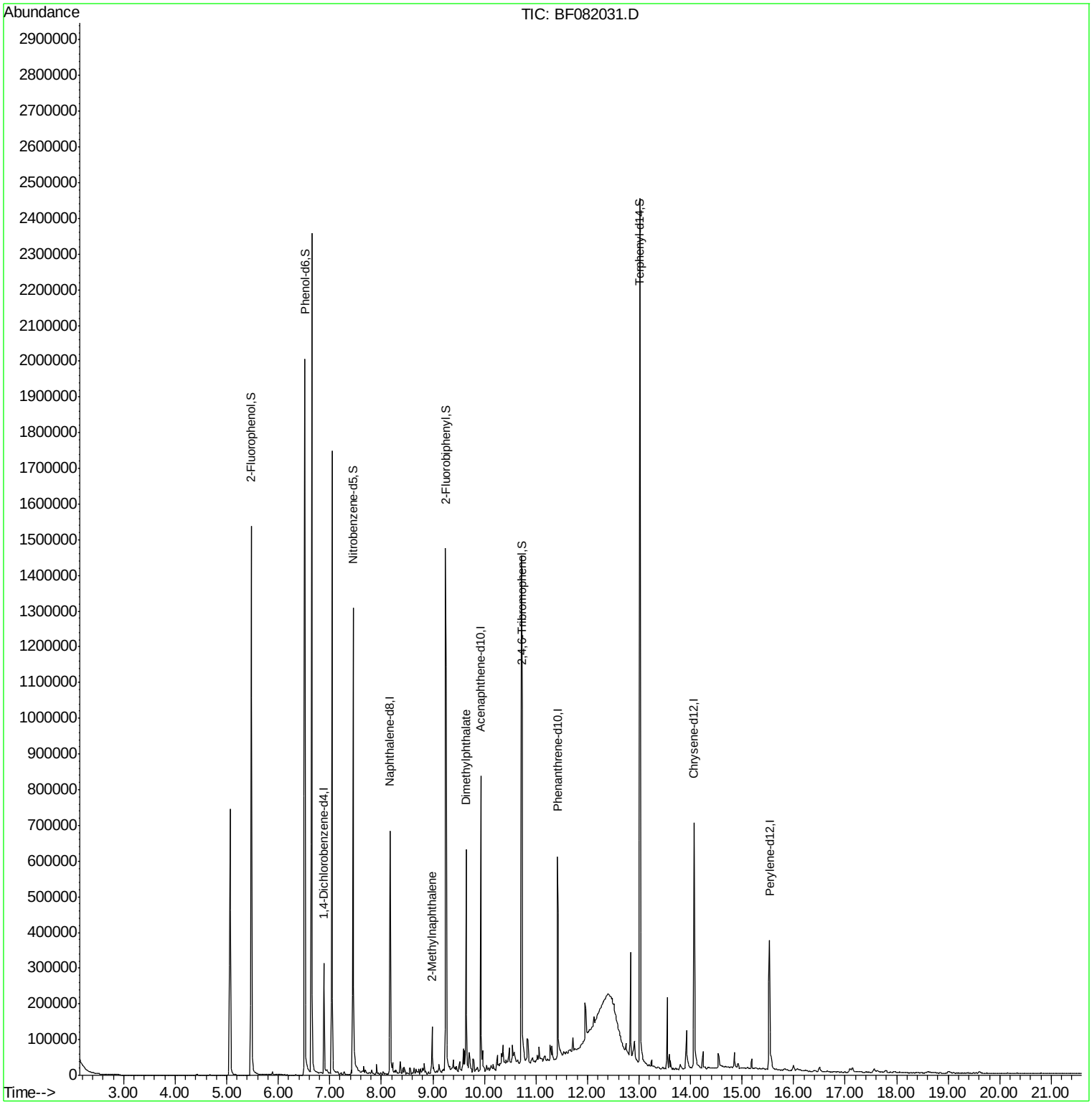
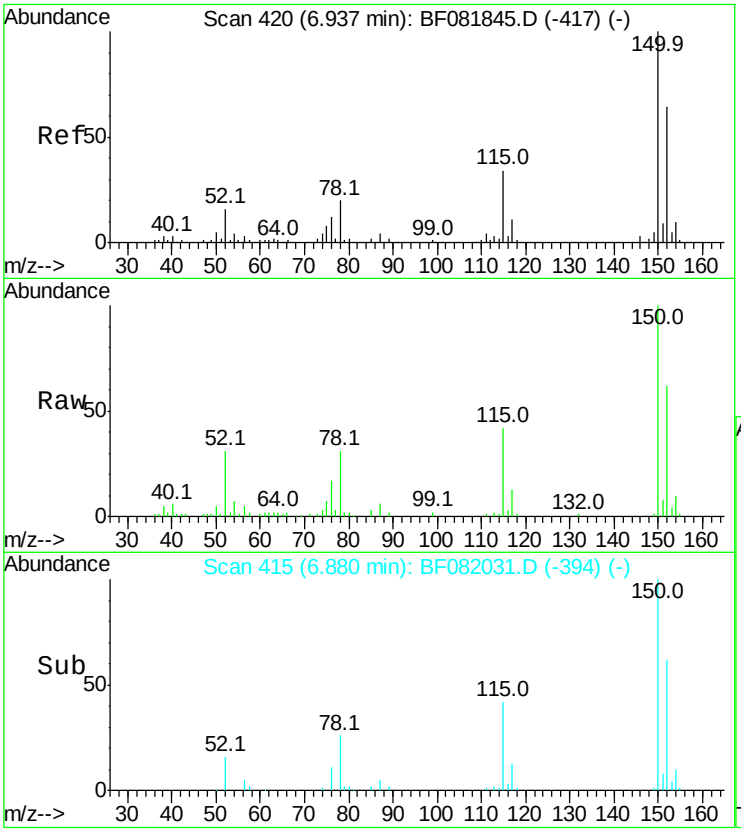


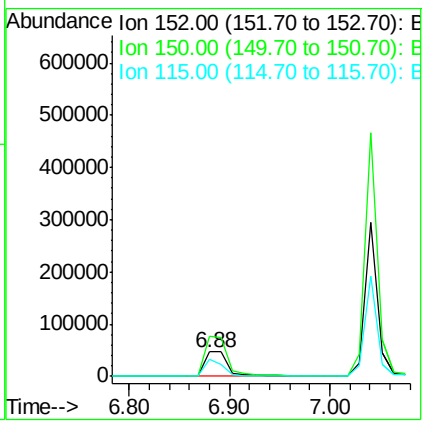


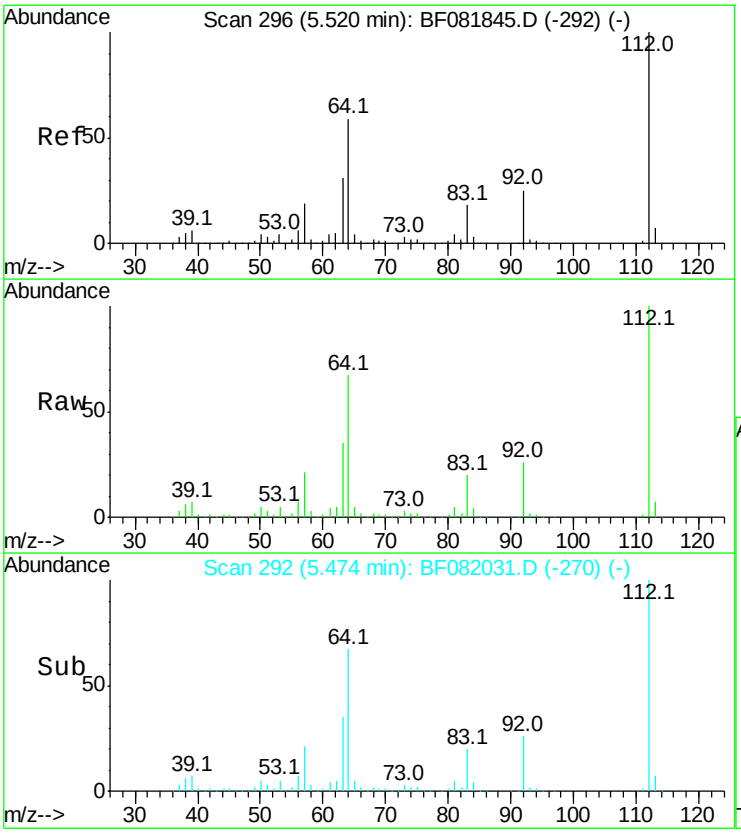
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:152 Resp: 76832

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.7	187.1
115	66.9	39.0	58.4#

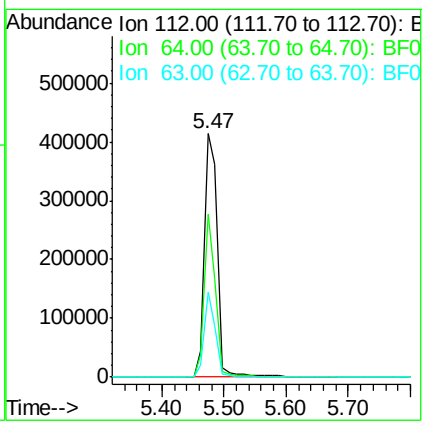


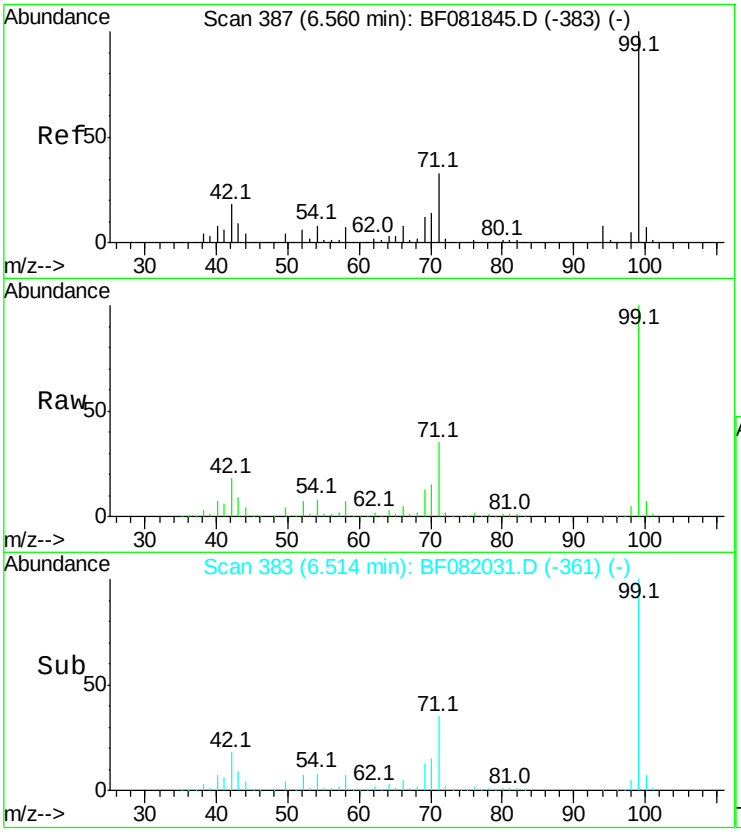


#5
2-Fluorophenol
Concen: 141.96 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.04 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:112 Resp: 600853

Ion	Ratio	Lower	Upper
112	100		
64	66.8	39.7	59.5#
63	34.9	17.4	26.0#



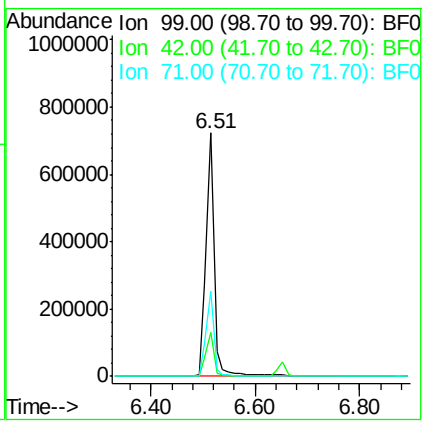


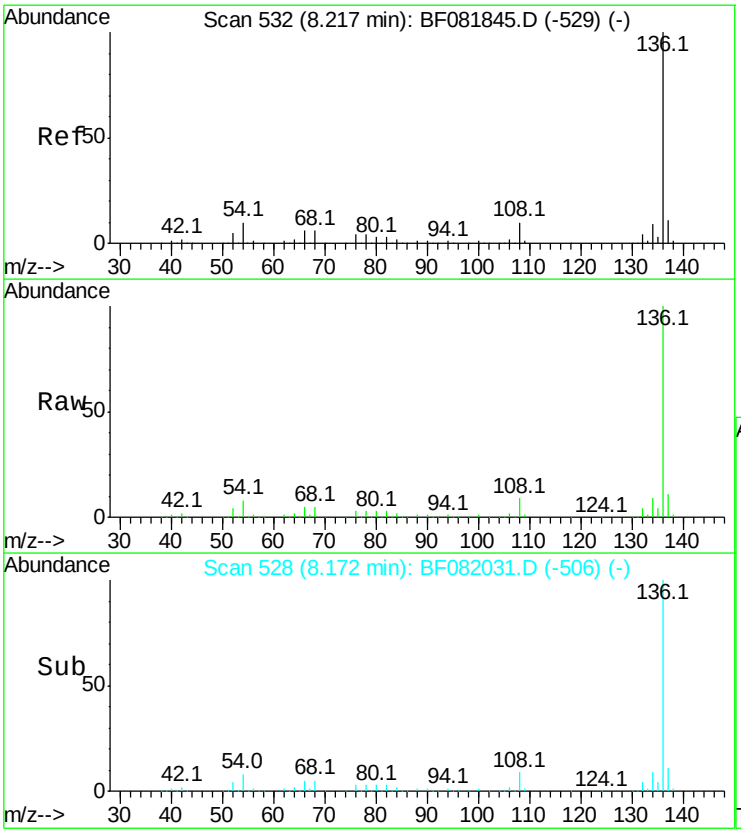
#7
Phenol-d6
Concen: 150.87 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion: 99 Resp: 803510

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.7	14.2	21.2#

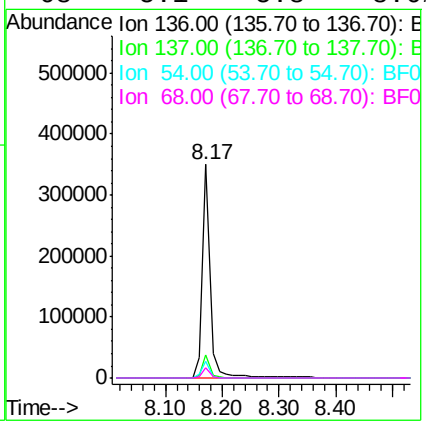


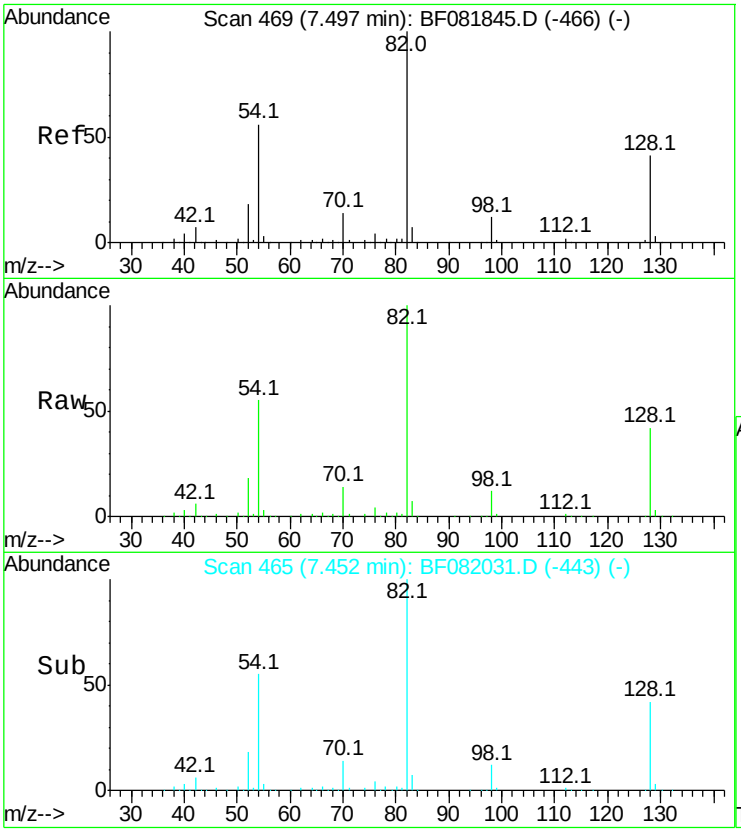


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:136 Resp: 327141

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.8	8.2	12.2#
68	5.1	5.8	8.6#



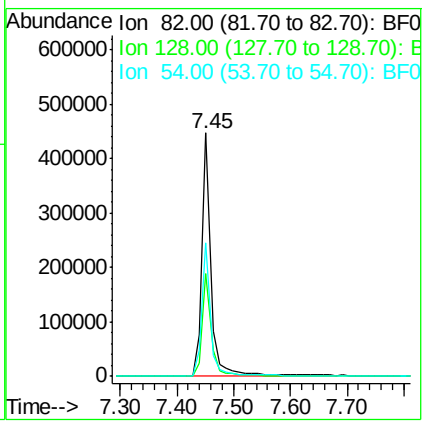


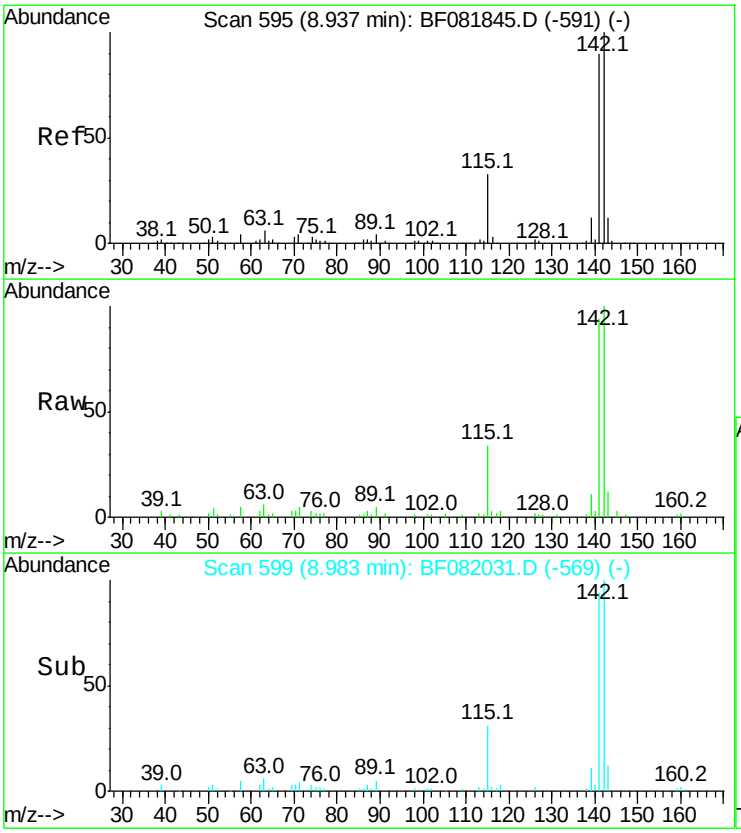
#23
Nitrobenzene-d5
Concen: 99.43 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion: 82 Resp: 487972

Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	54.9	47.5	71.3

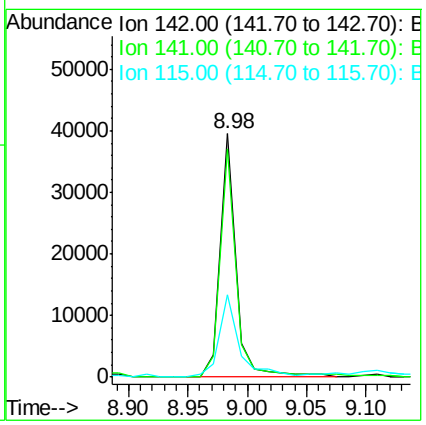


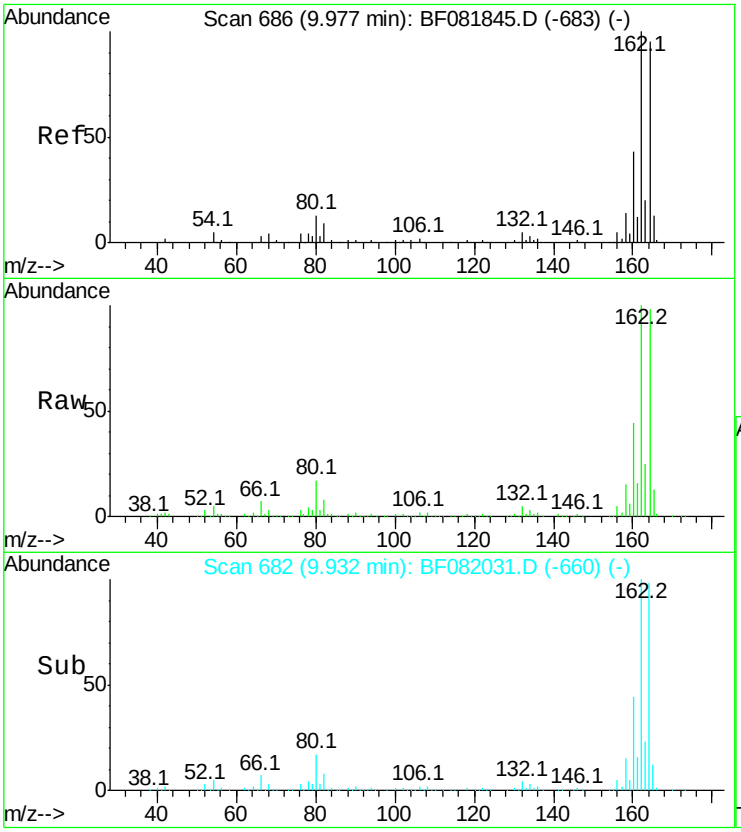


#37
2-Methylnaphthalene
Concen: 3.68 ng
RT: 8.98 min Scan# 599
Delta R.T. 0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:142 Resp: 36399

Ion	Ratio	Lower	Upper
142	100		
141	93.7	67.5	101.3
115	33.8	18.2	27.2#



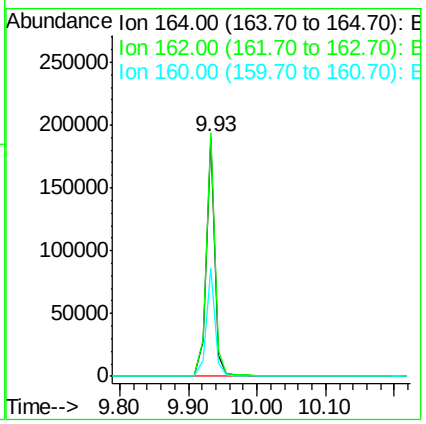


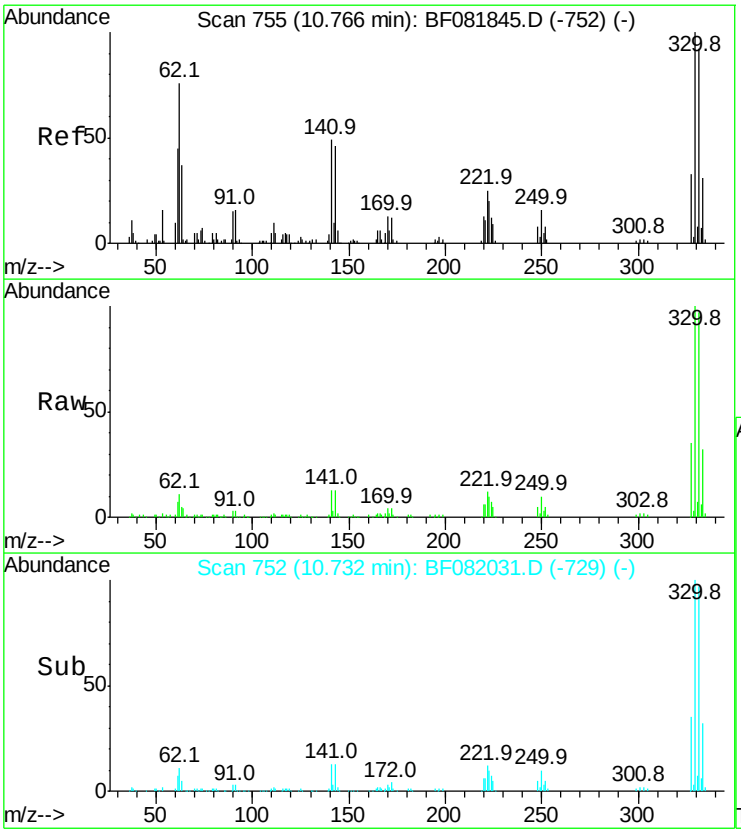
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:164 Resp: 167554

Ion	Ratio	Lower	Upper
164	100		
162	101.8	75.2	112.8
160	44.9	31.5	47.3

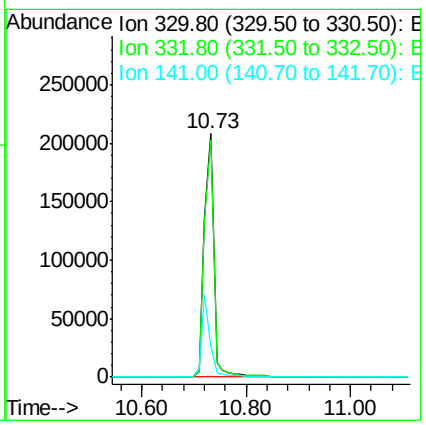


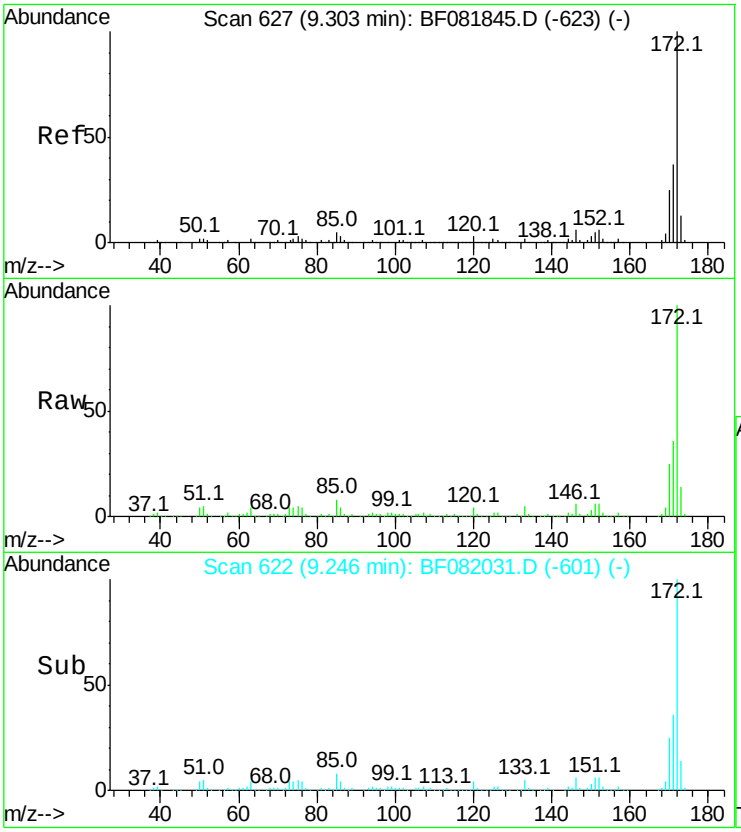


#41
2,4,6-Tribromophenol
Concen: 156.58 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:330 Resp: 265708

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	30.2	29.7	44.5



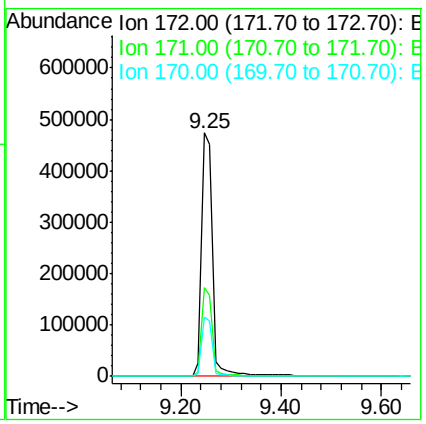


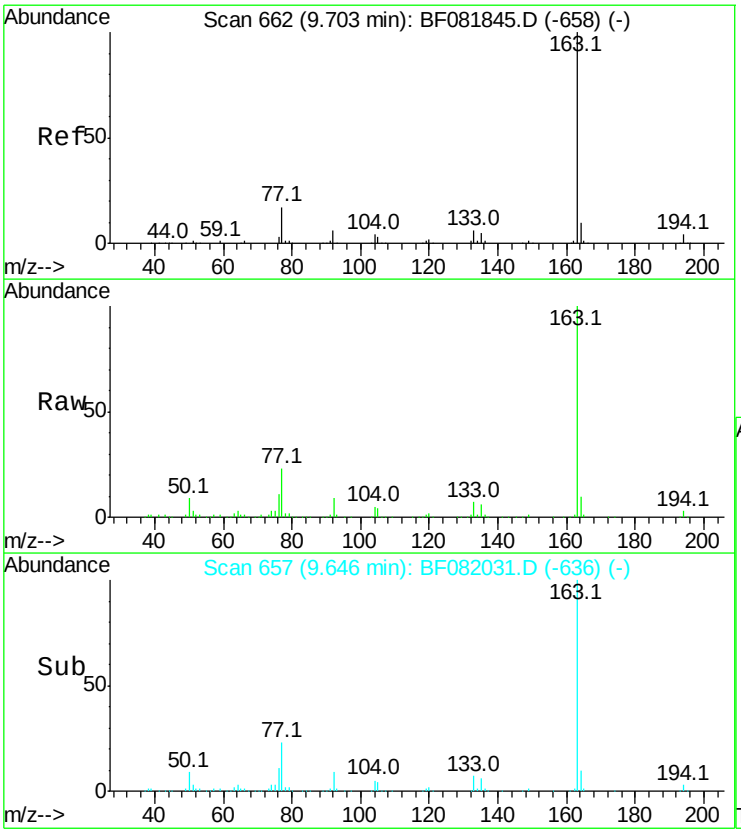
#44
2-Fluorobiphenyl
Concen: 70.23 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:172 Resp: 727384

Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.5	17.4	26.2

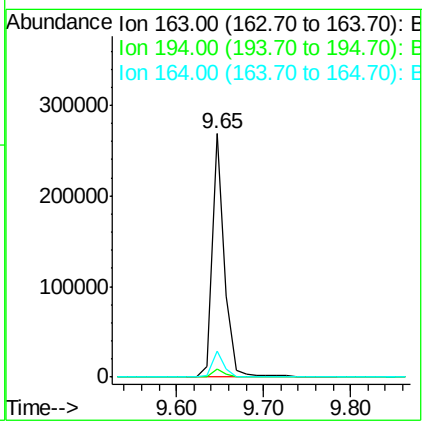


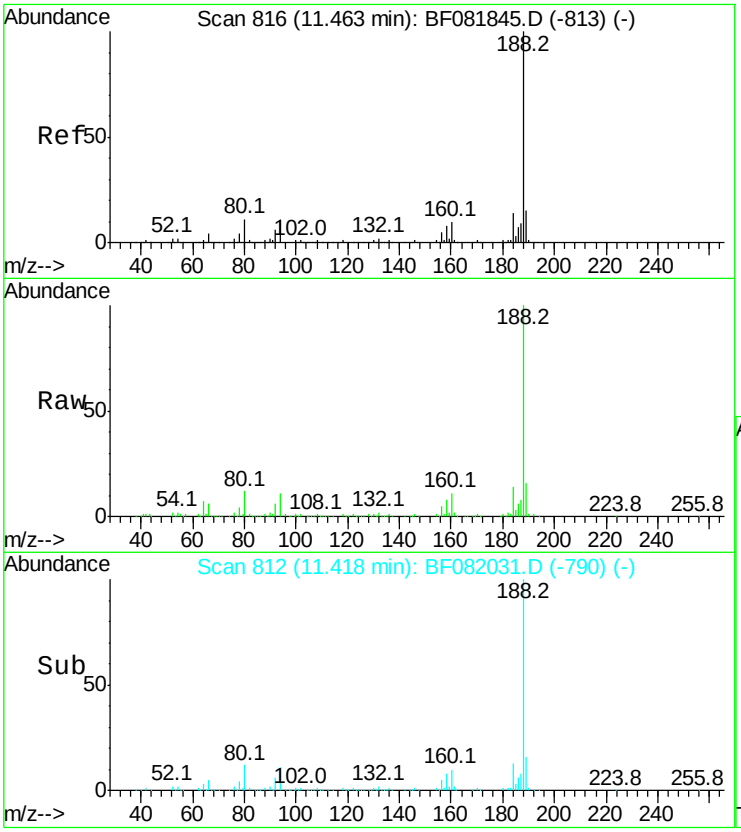


#49
Dimethylphthalate
Concen: 23.20 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:163 Resp: 268313

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.4	8.3	12.5



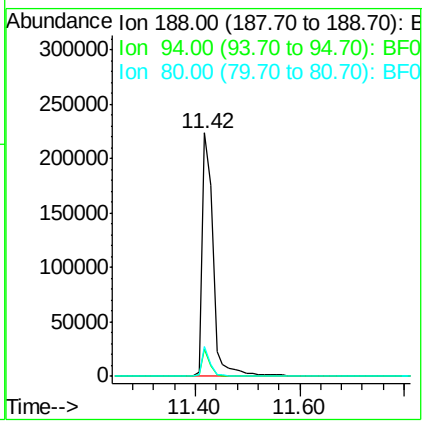


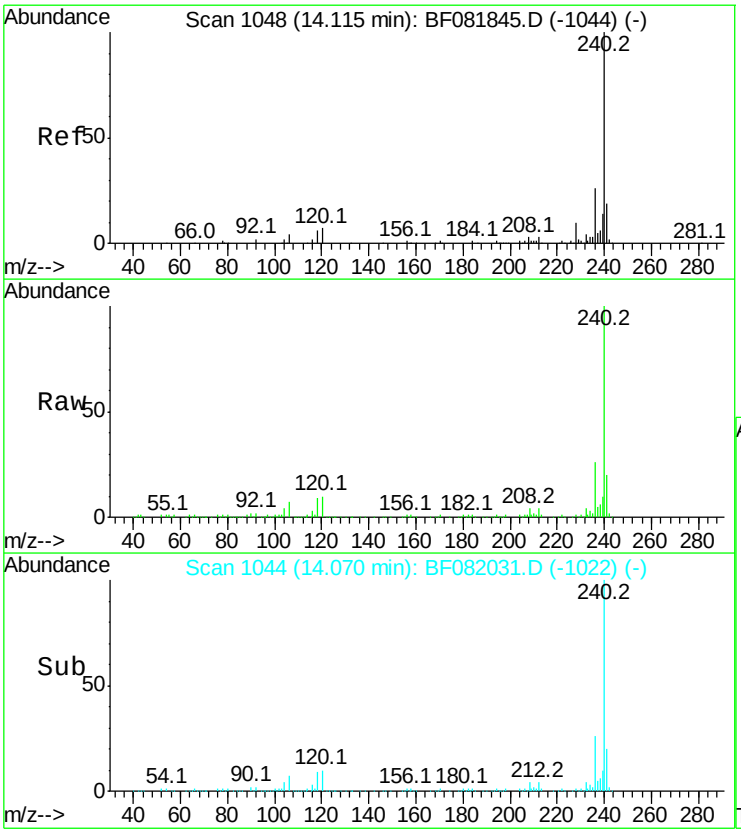
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:188 Resp: 325106

Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.3	11.0	16.4

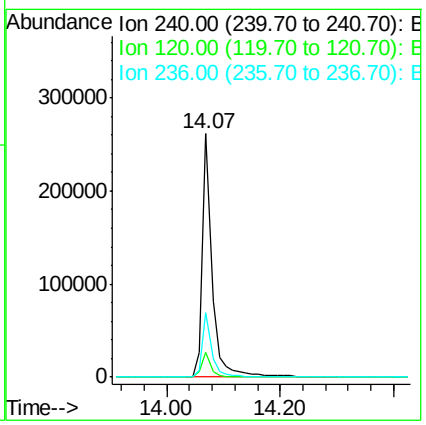


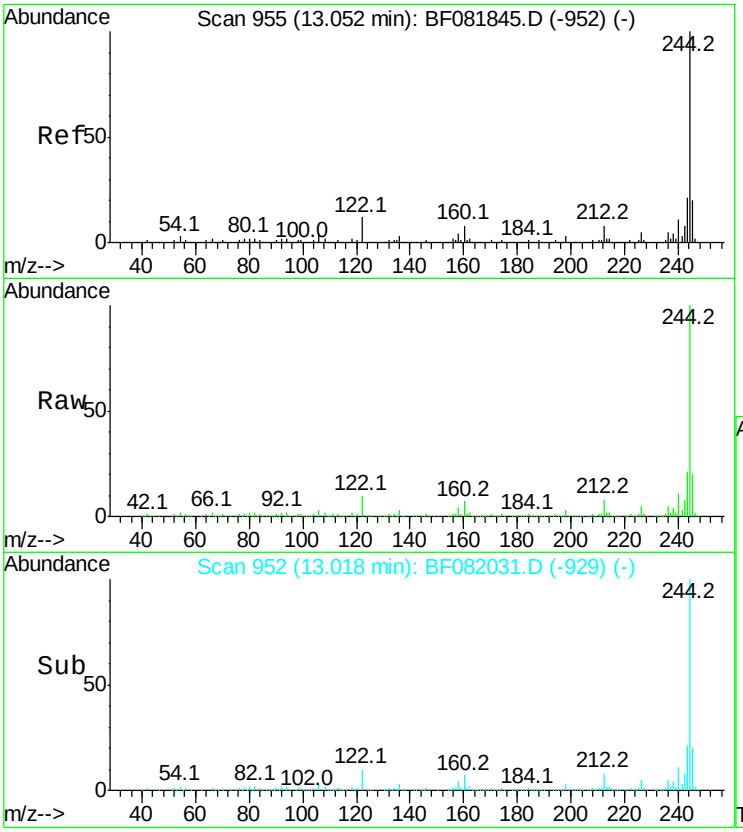


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:240 Resp: 300742

Ion	Ratio	Lower	Upper
240	100		
120	10.3	16.2	24.2#
236	26.2	18.4	27.6



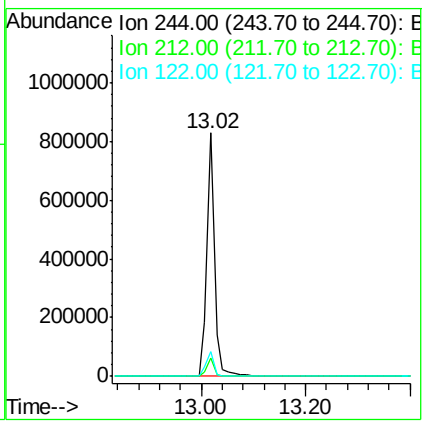


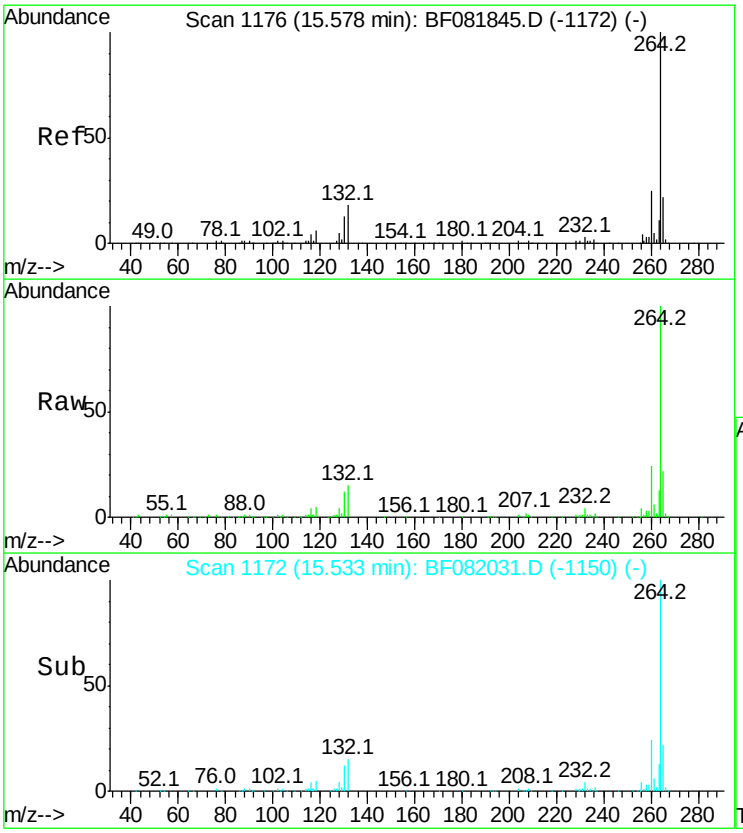
#78
Terphenyl-d14
Concen: 93.55 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:244 Resp: 847093

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	10.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:264 Resp: 226970

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.6	17.2	25.8