Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Time: Oct 28 12:17:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	77195	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	364182	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	138401	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	219591	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	168438	20.00	ng	-0.01
86) Perylene-d12	15.35	264	158834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	589409	150.73	ng	0.00
7) Phenol-d6	6.39	99	798593	156.69	ng	0.01
23) Nitrobenzene-d5	7.29	82	569757	100.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	161922	156.24	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	998864	114.76	ng	-0.01
78) Terphenyl-d14	12.83	244	676669	115.74	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.18	107	375106	79.82	ng	89
49) Dimethylphthalate	9.49	163	85921	8.92	ng	100

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

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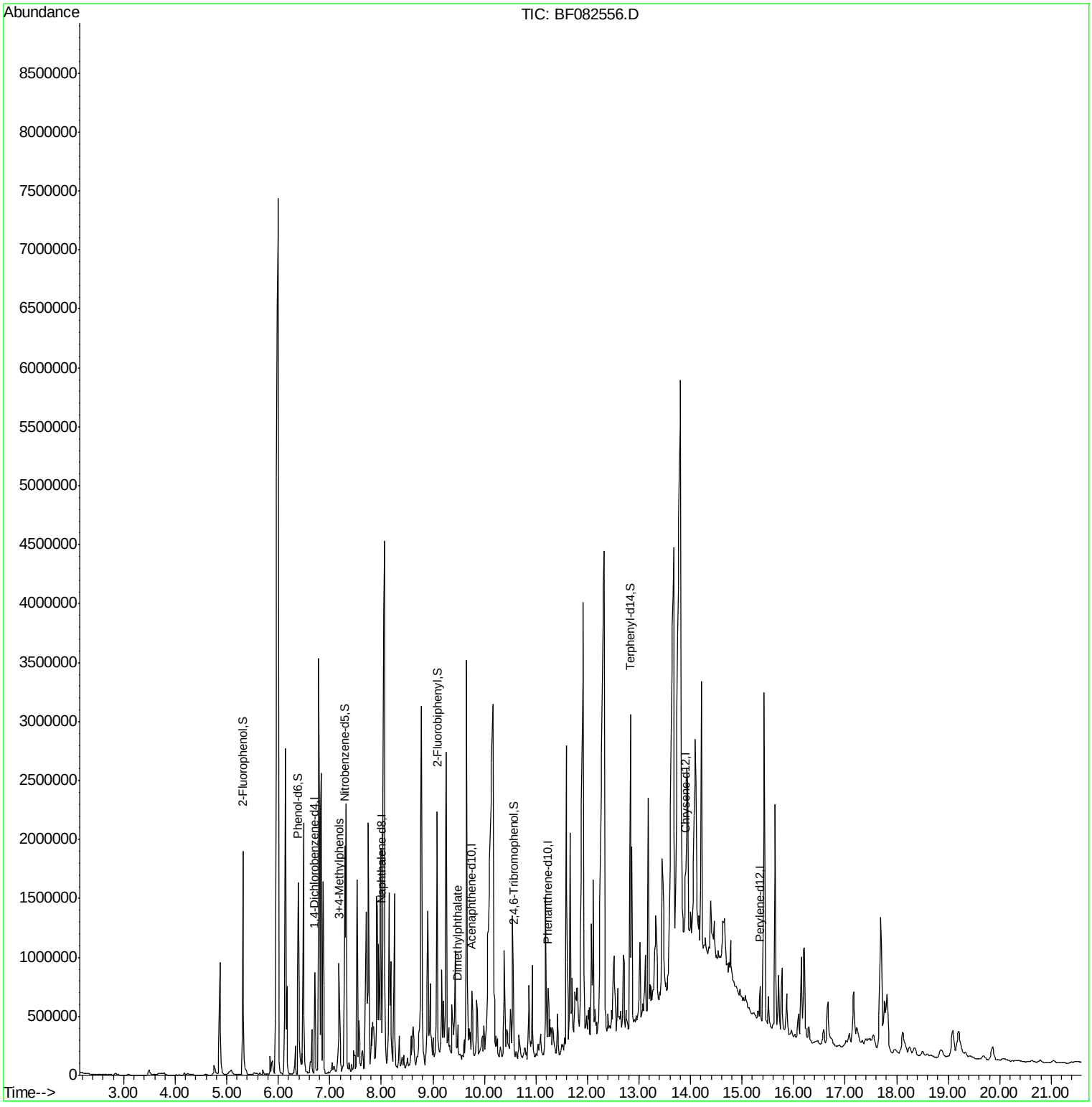
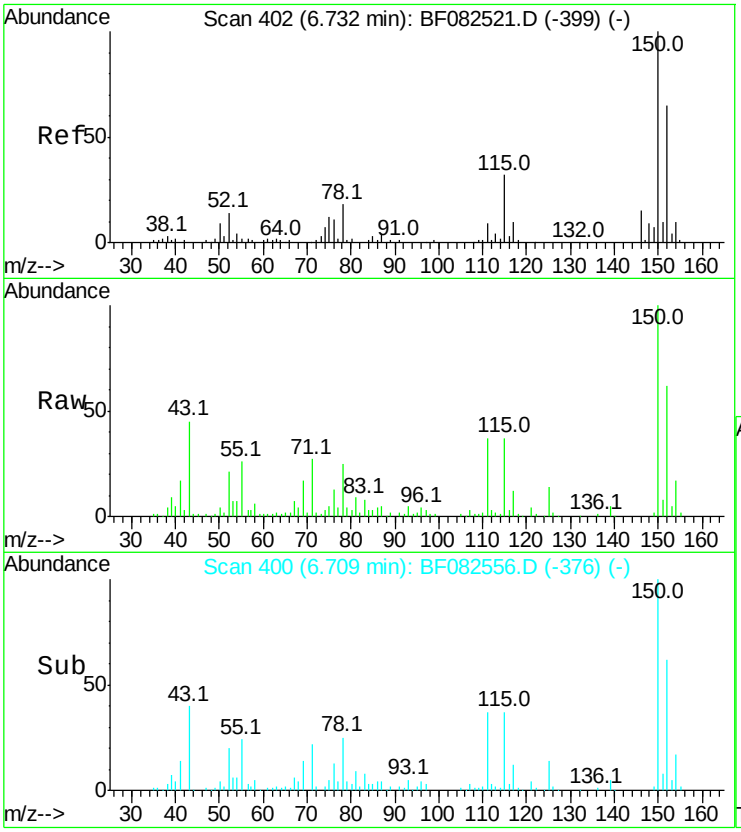


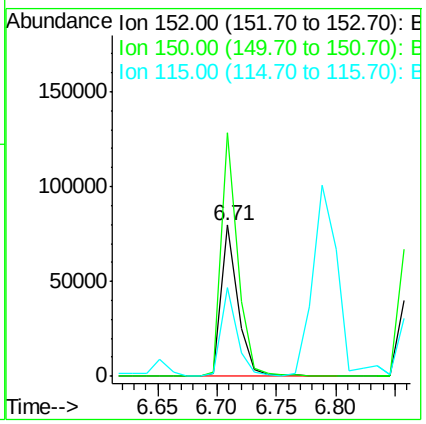


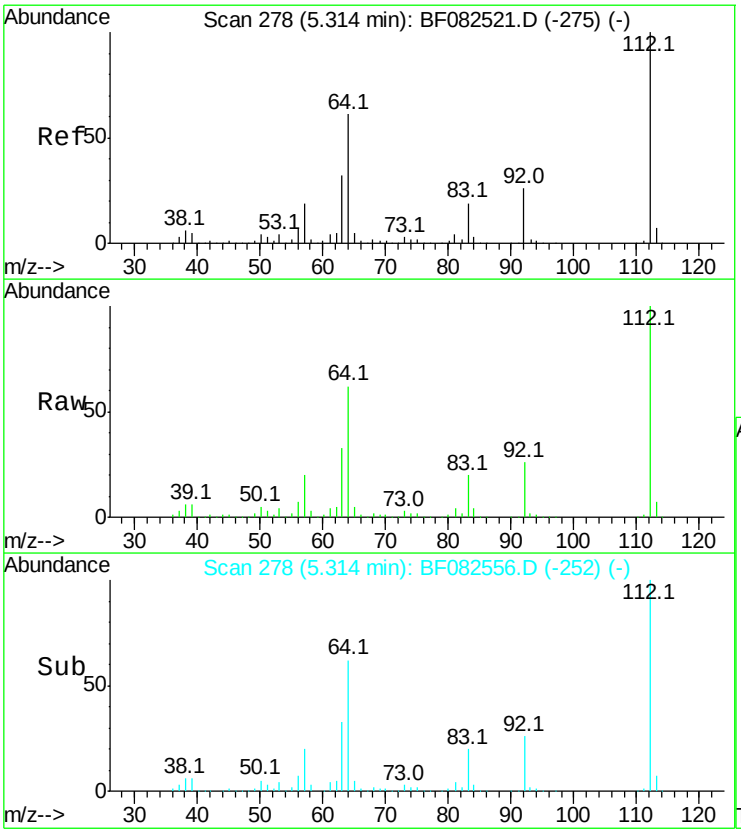
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:152 Resp: 77195

Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.4	185.0
115	58.9	39.0	58.4#

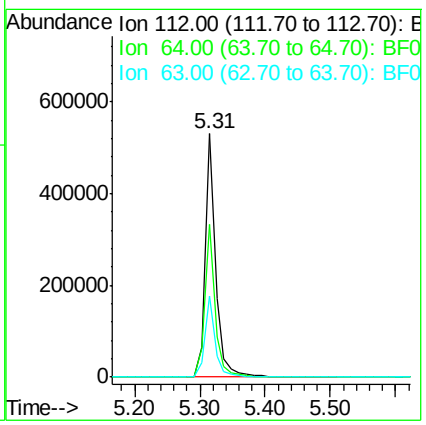


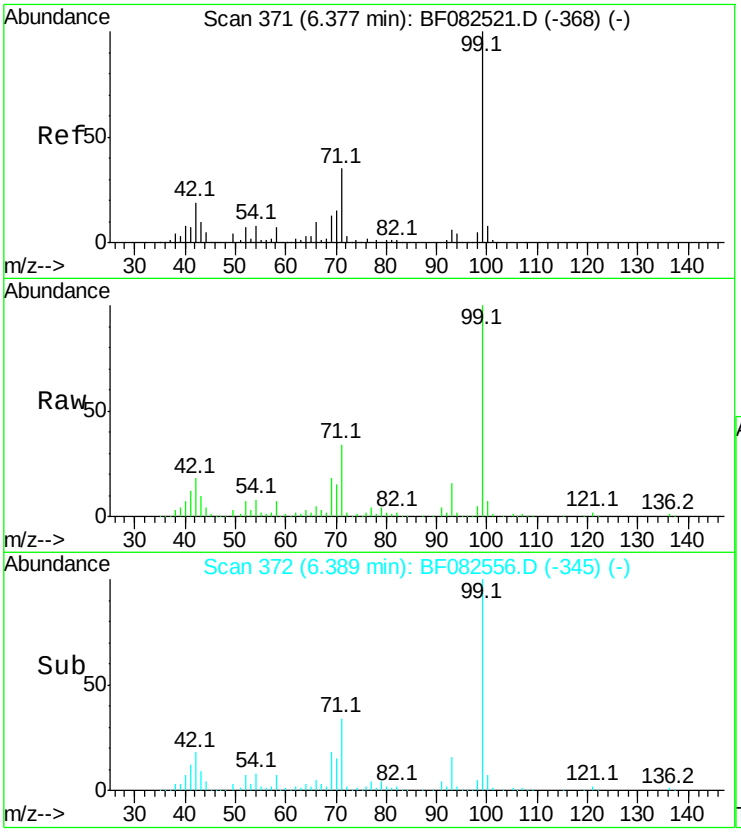


#5
2-Fluorophenol
Concen: 150.73 ng
RT: 5.31 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:112 Resp: 589409

Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.0	73.4
63	33.3	25.8	38.6



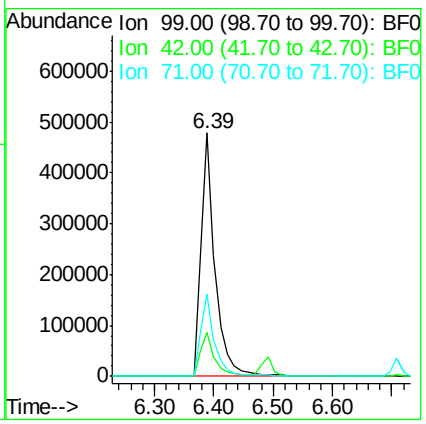


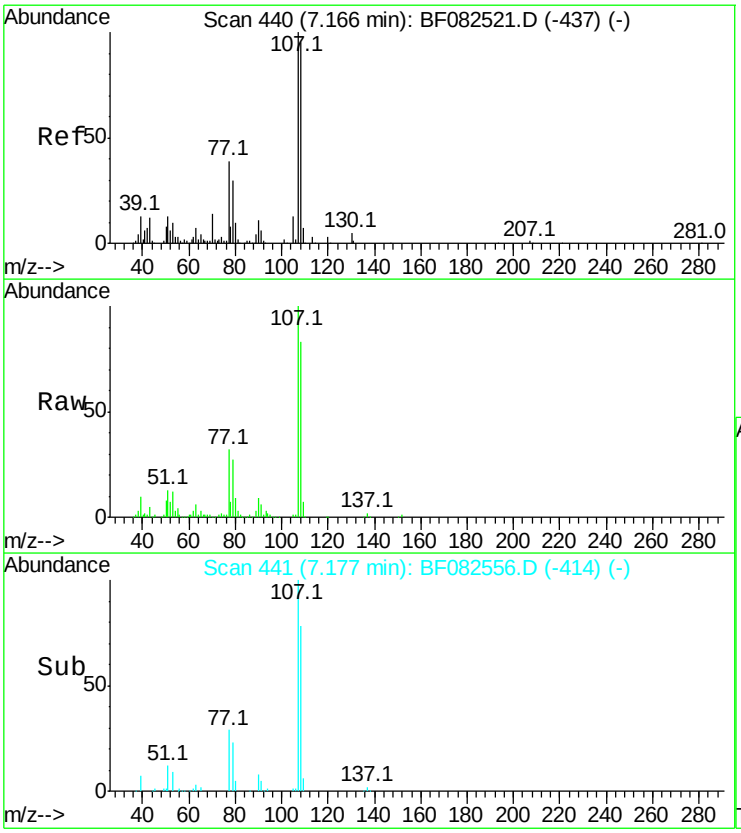
#7
Phenol-d6
Concen: 156.69 ng
RT: 6.39 min Scan# 372
Delta R.T. 0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 99 Resp: 798593

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.1	22.7
71	34.0	28.2	42.2

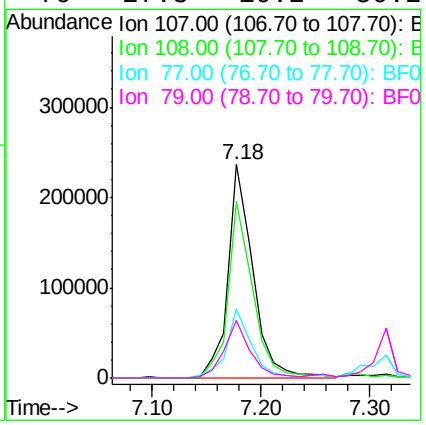


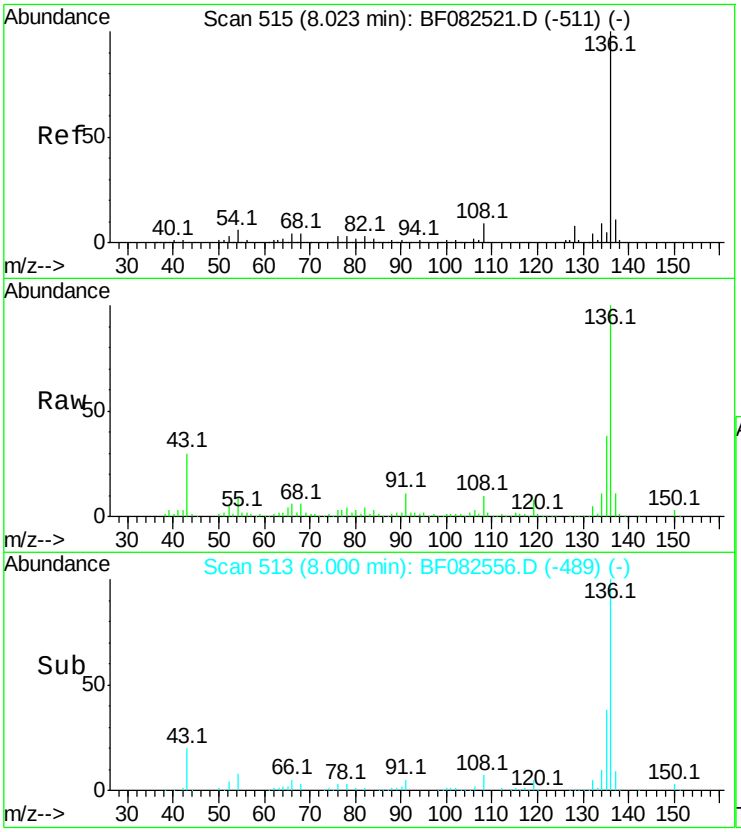


#20
3+4-Methylphenols
Concen: 79.82 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:107 Resp: 375106

Ion	Ratio	Lower	Upper
107	100		
108	82.8	74.8	114.8
77	32.3	20.3	60.3
79	27.3	10.2	50.2



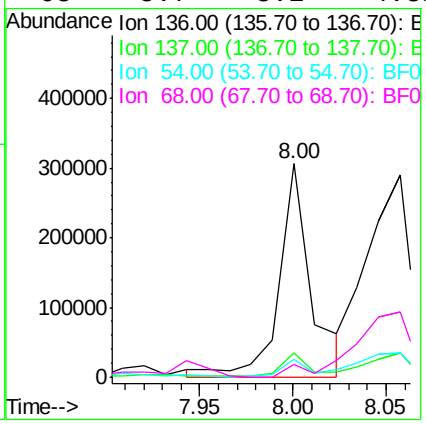


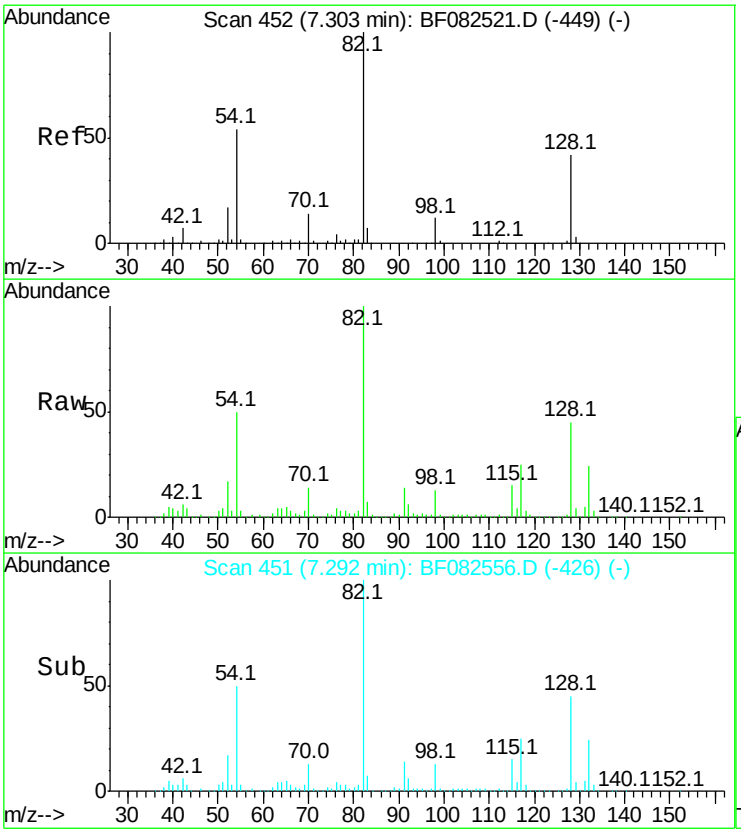
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:136 Resp: 364182

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	4.6	7.0#
68	5.7	3.2	4.8#

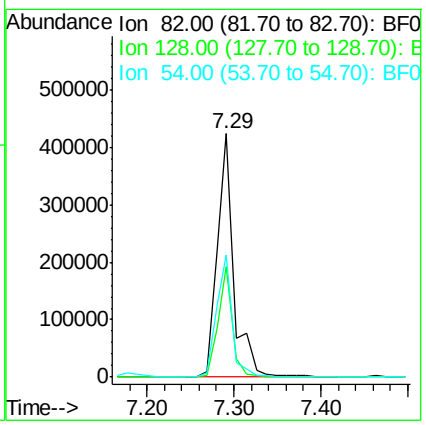


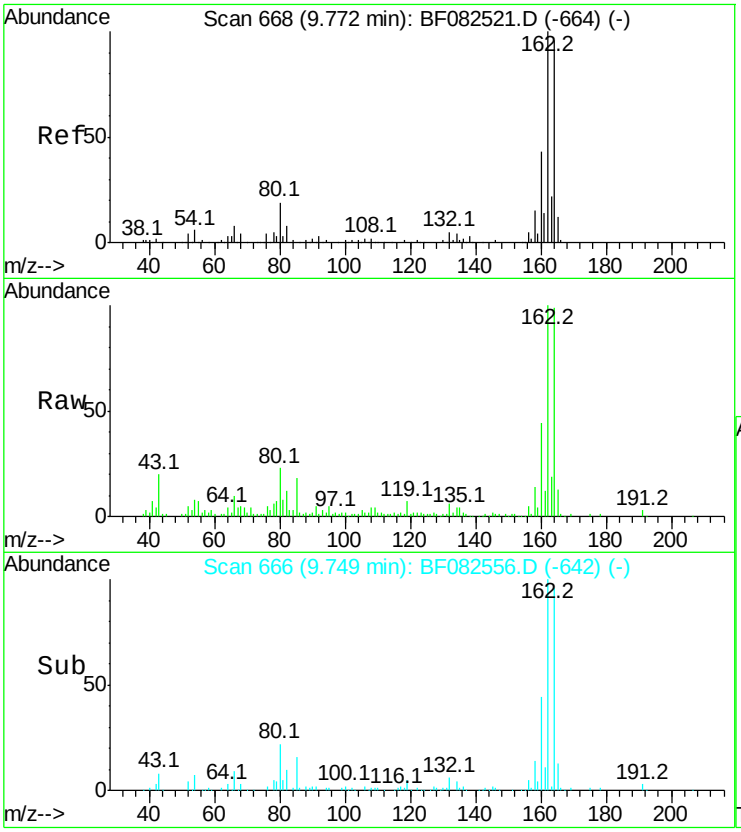


#23
Nitrobenzene-d5
Concen: 100.93 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion: 82 Resp: 569757

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.4	50.0
54	49.9	43.5	65.3



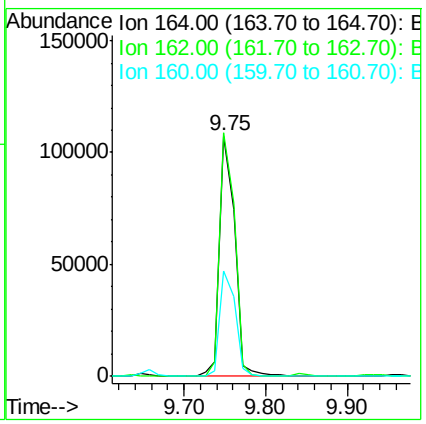


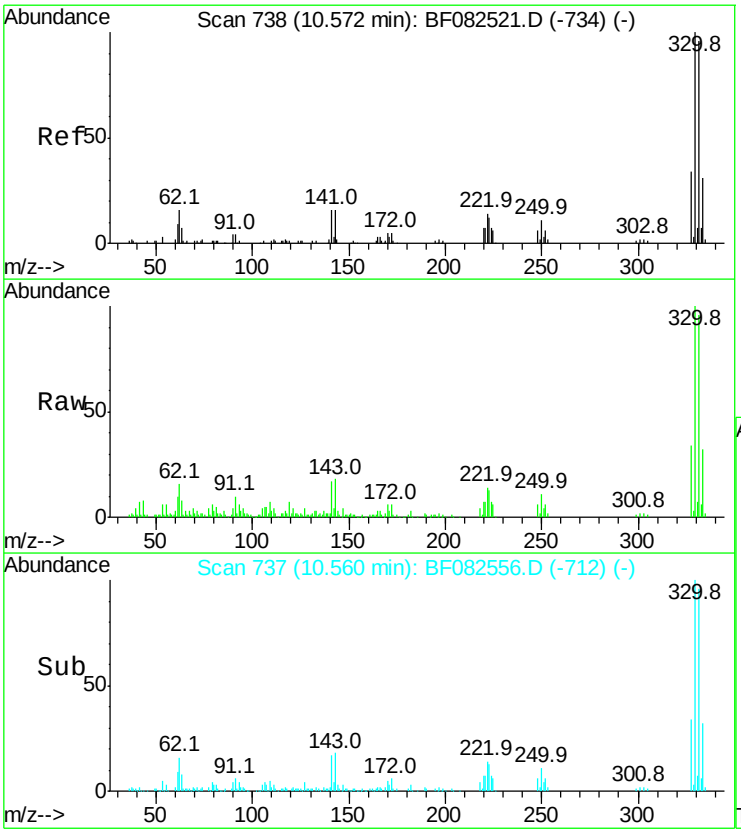
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:164 Resp: 138401

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.6	125.4
160	44.2	36.0	54.0

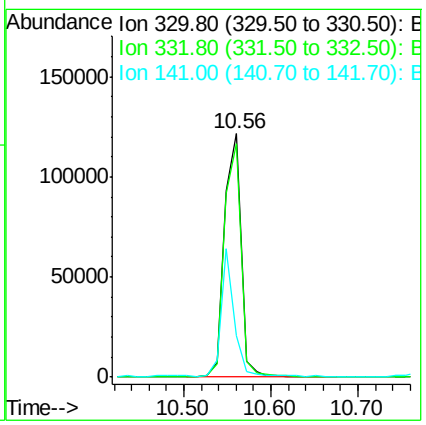


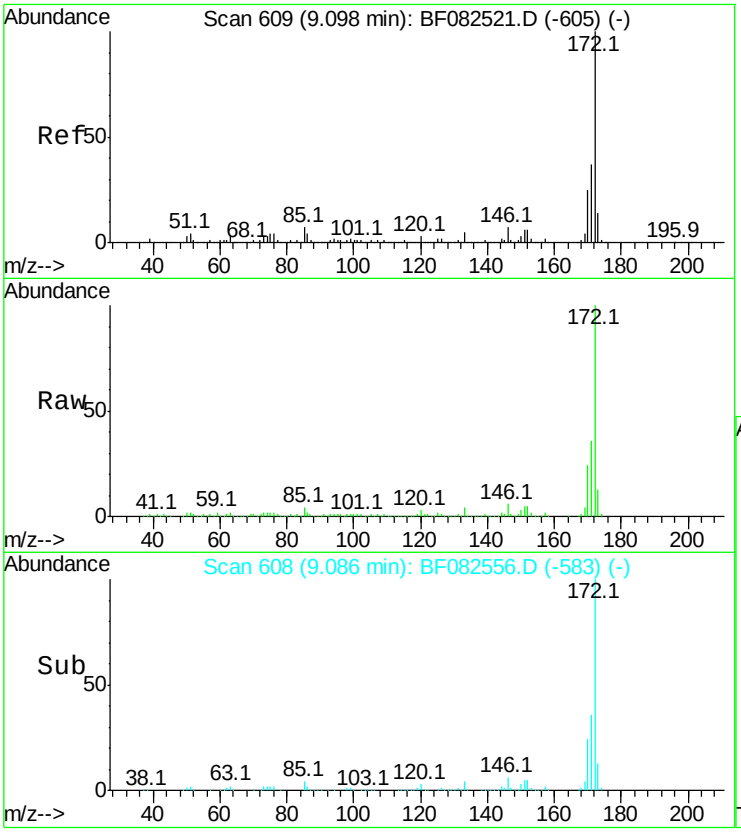


#41
2,4,6-Tribromophenol
Concen: 156.24 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:330 Resp: 161922

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	41.1	32.5	48.7



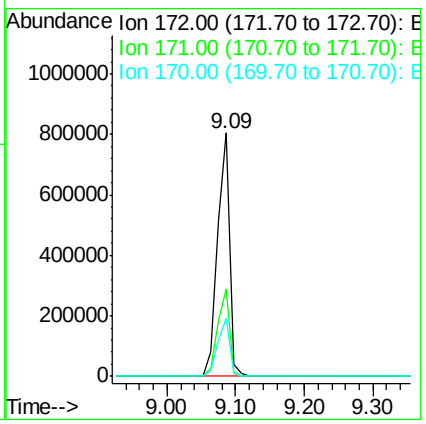


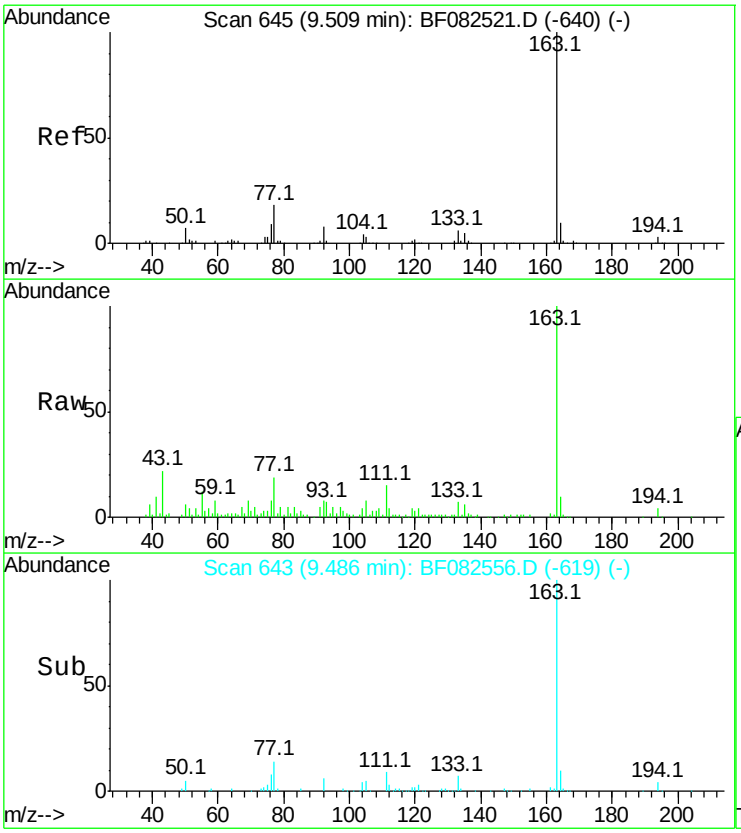
#44
2-Fluorobiphenyl
Concen: 114.76 ng
RT: 9.09 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:172 Resp: 998864

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	23.6	19.8	29.6

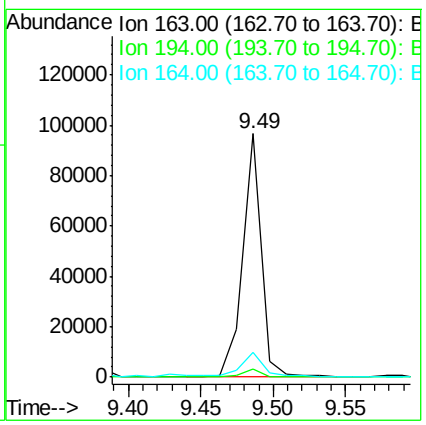


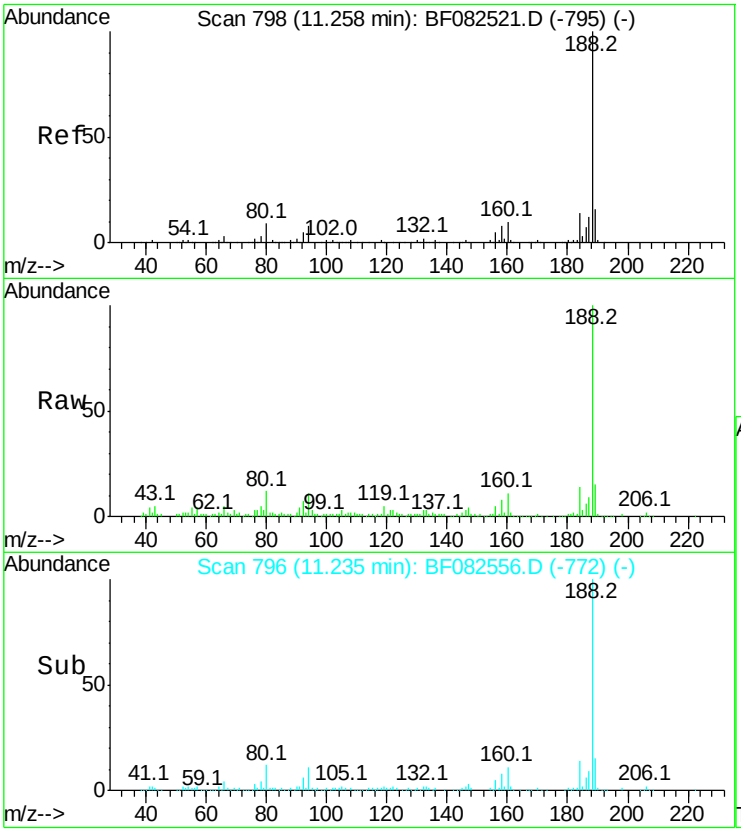


#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:163 Resp: 85921

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.4	8.2	12.4



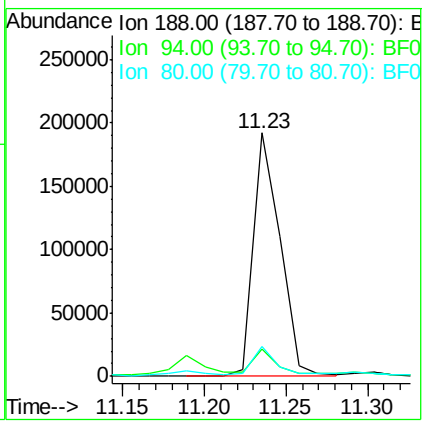


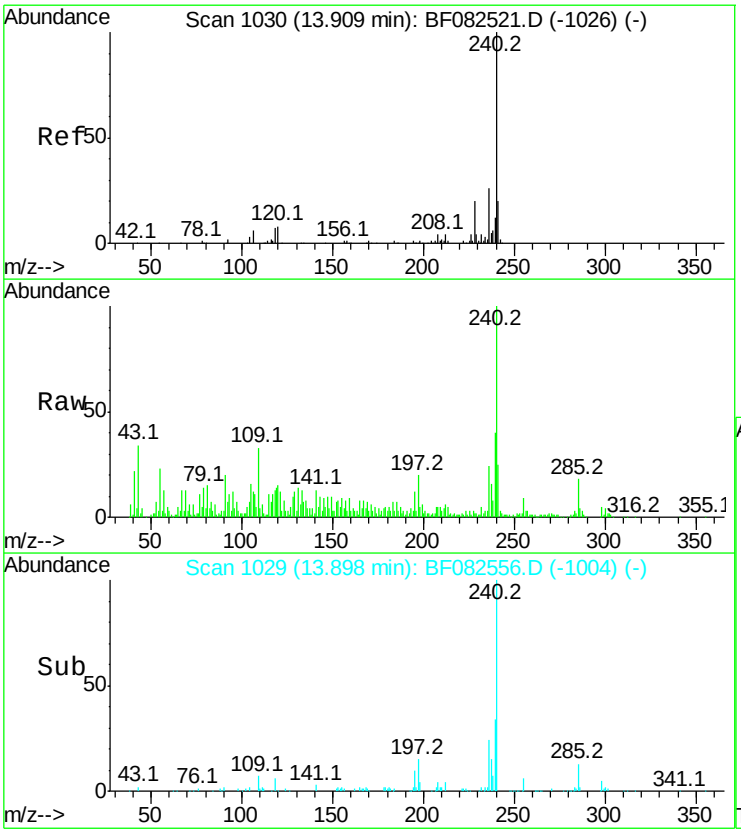
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:188 Resp: 219591

Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.4	9.6#
80	12.0	7.0	10.6#

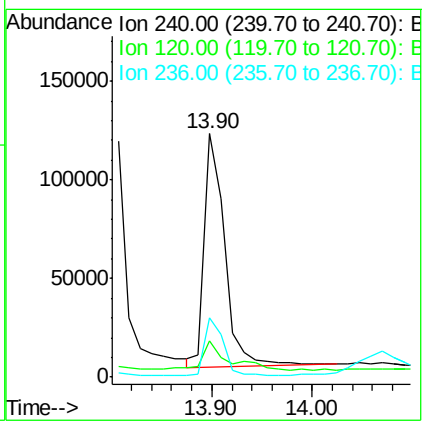


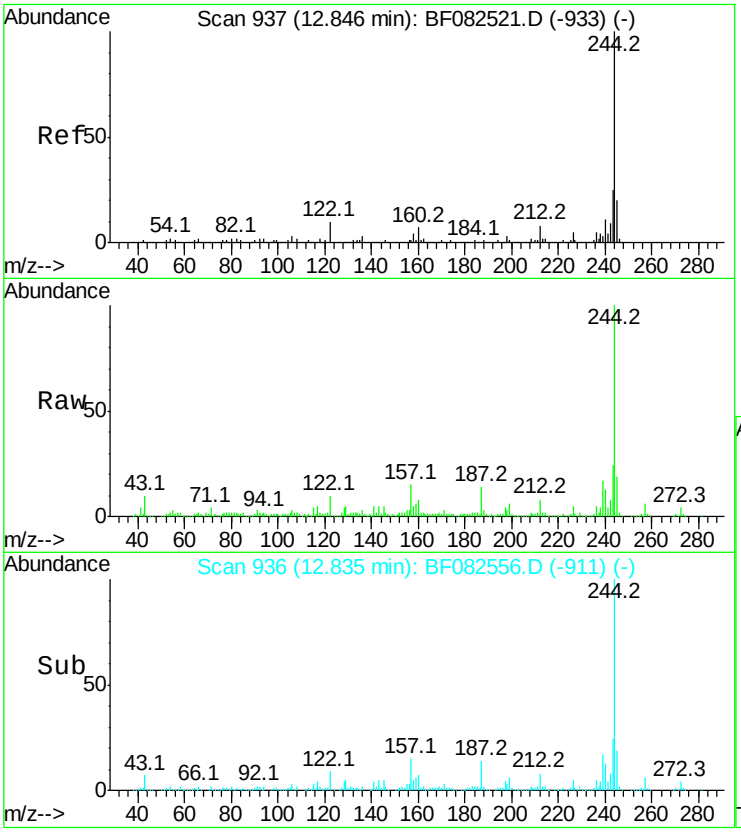


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:240 Resp: 168438

Ion	Ratio	Lower	Upper
240	100		
120	14.9	6.5	9.7#
236	24.3	20.5	30.7



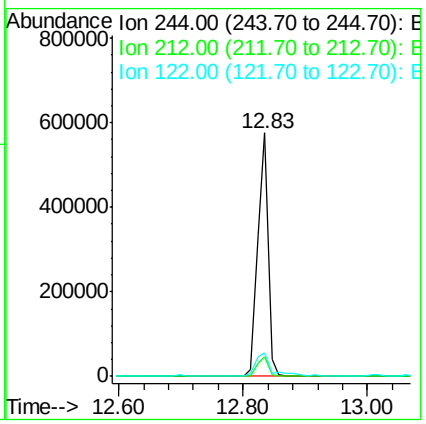


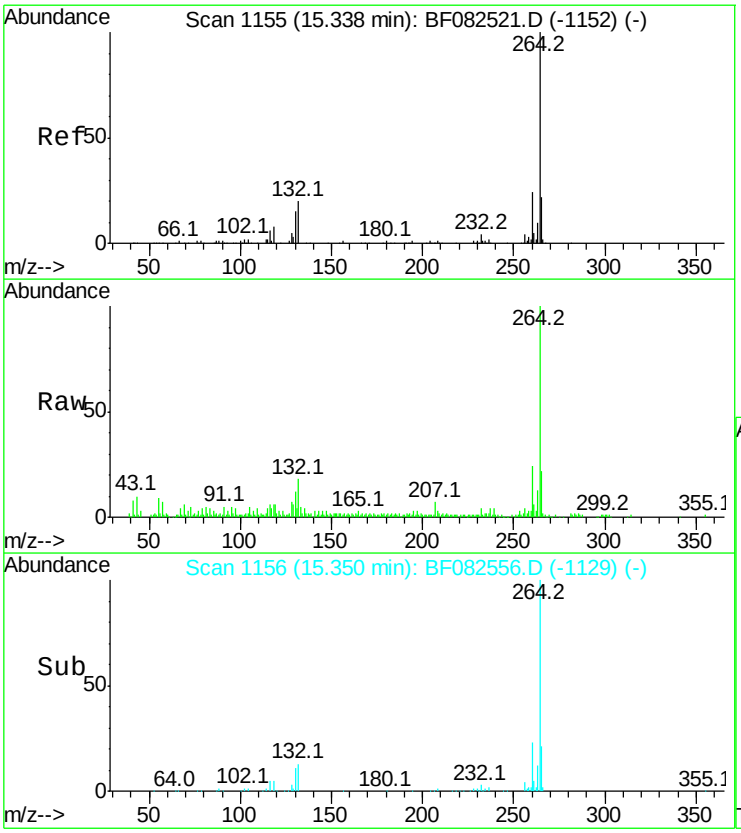
#78
Terphenyl-d14
Concen: 115.74 ng
RT: 12.83 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:244 Resp: 676669

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	9.5	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:264 Resp: 158834

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.7	17.8	26.6