Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083590.D
Acq On : 8 Dec 2015 9:14
Operator : UM/IZ
Sample : G4588-21
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05

Quant Time: Dec 08 10:00:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	160295	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	583316	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	257501	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	389441	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	354837	20.00	ng	-0.03
86) Perylene-d12	18.65	264	247596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	649689	61.49	ng	-0.03
7) Phenol-d6	5.29	99	549931	37.78	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1136153	91.05	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	281829	118.65	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1699130	89.50	ng	-0.06
78) Terphenyl-d14	15.45	244	1196944	75.06	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.56	70	146634	15.10	ng	# 79
27) 2,4-Dimethylphenol	7.20	122	47351	4.94	ng	98
32) Benzoic acid	7.20	122	47350	11.26	ng	# 14

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

Quantitation Report (Not Reviewed)

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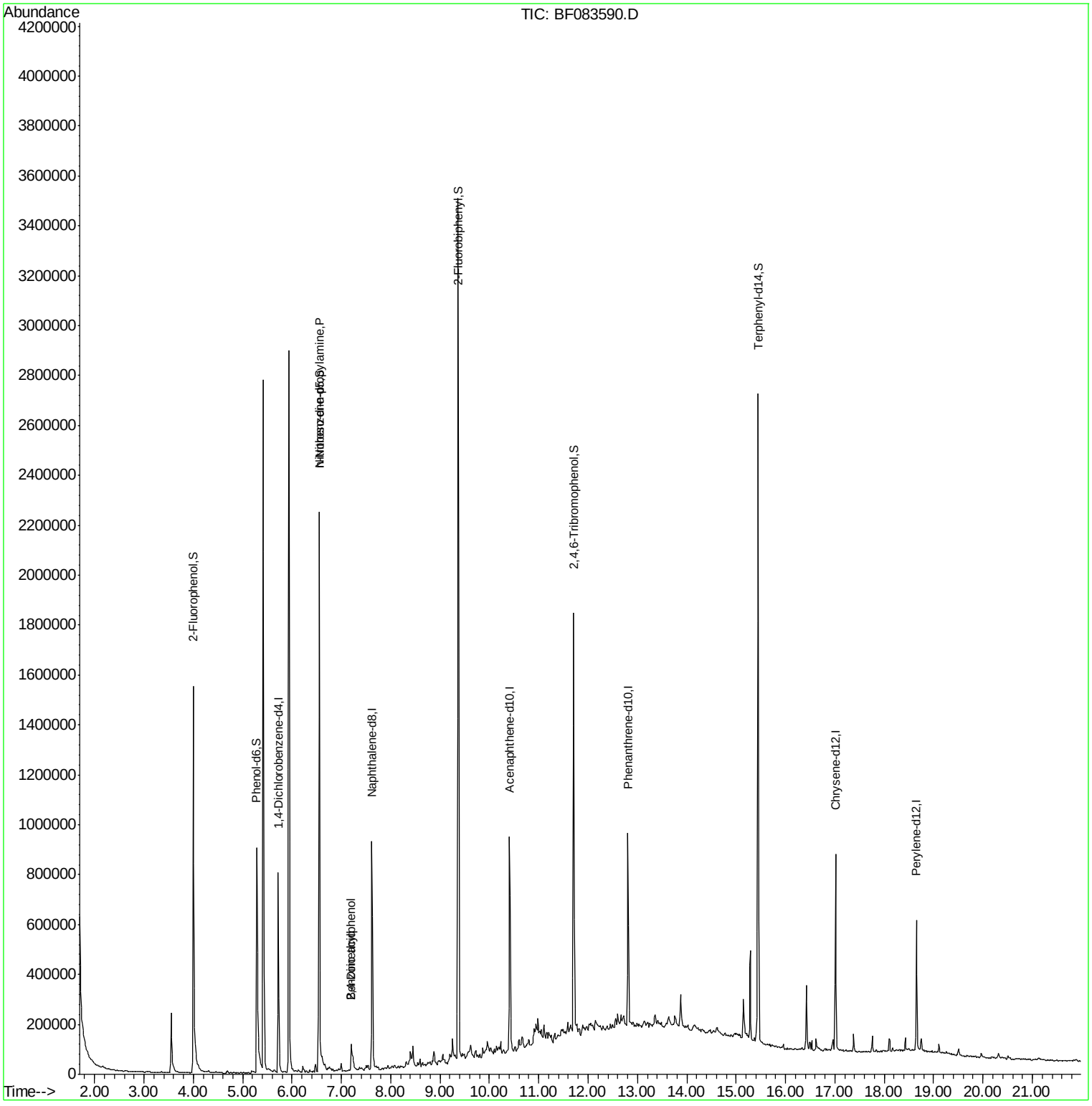
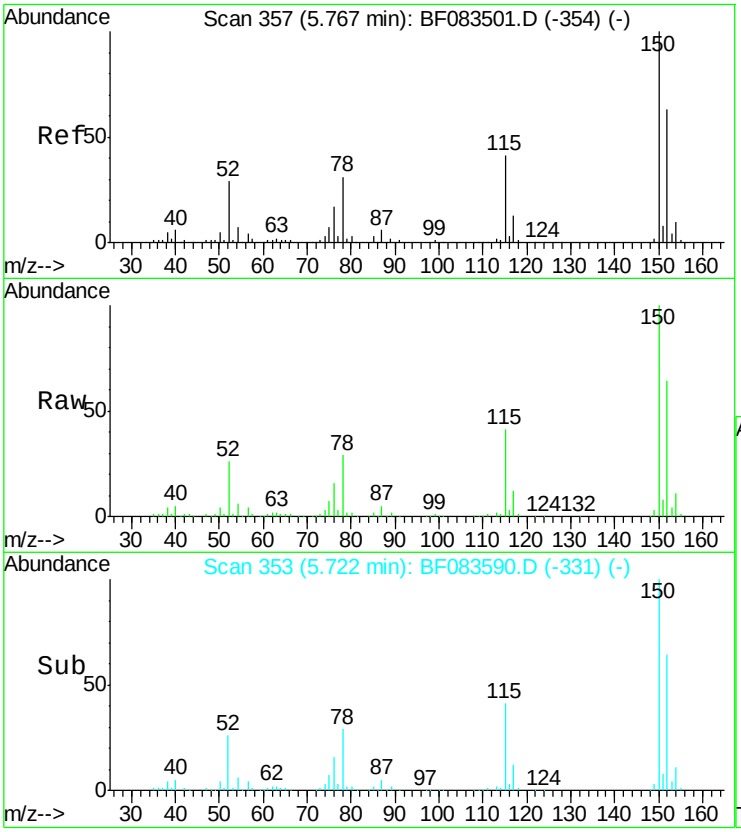


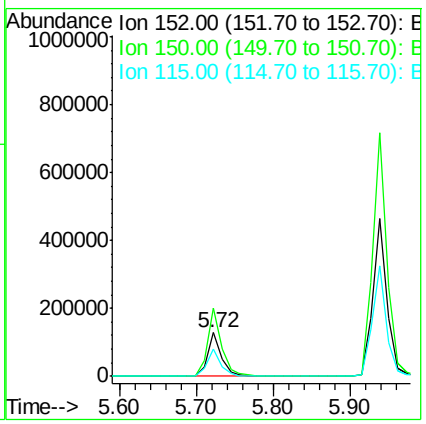


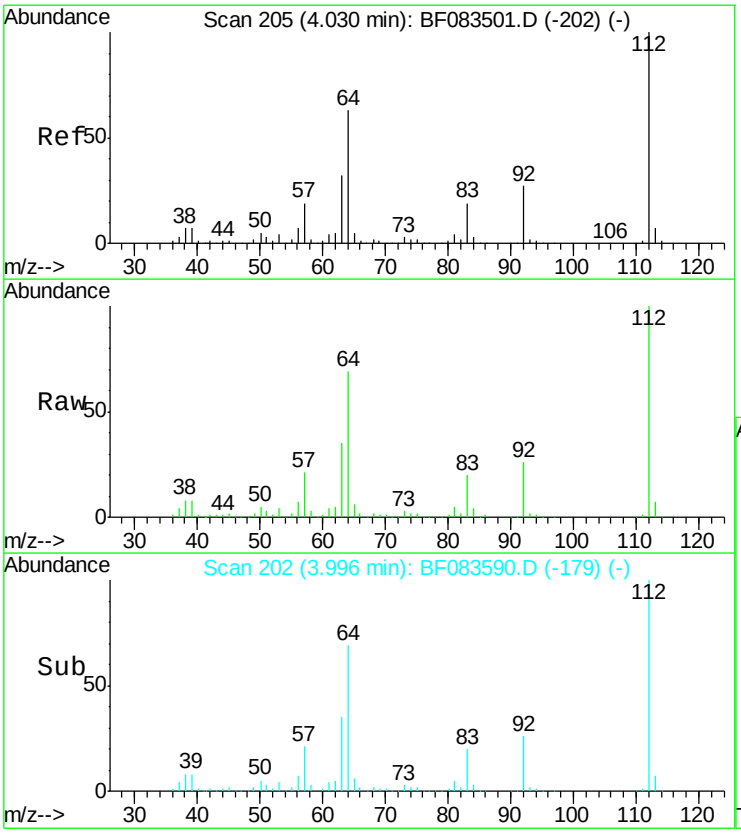
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 160295

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.5	189.7
115	63.9	52.3	78.5

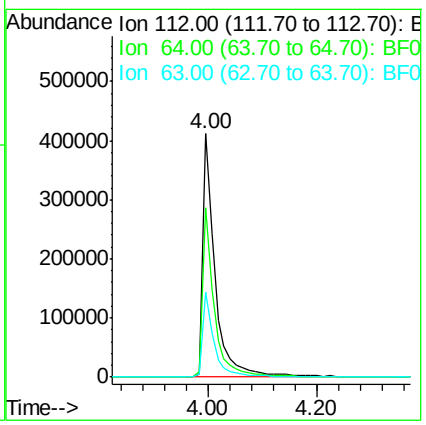


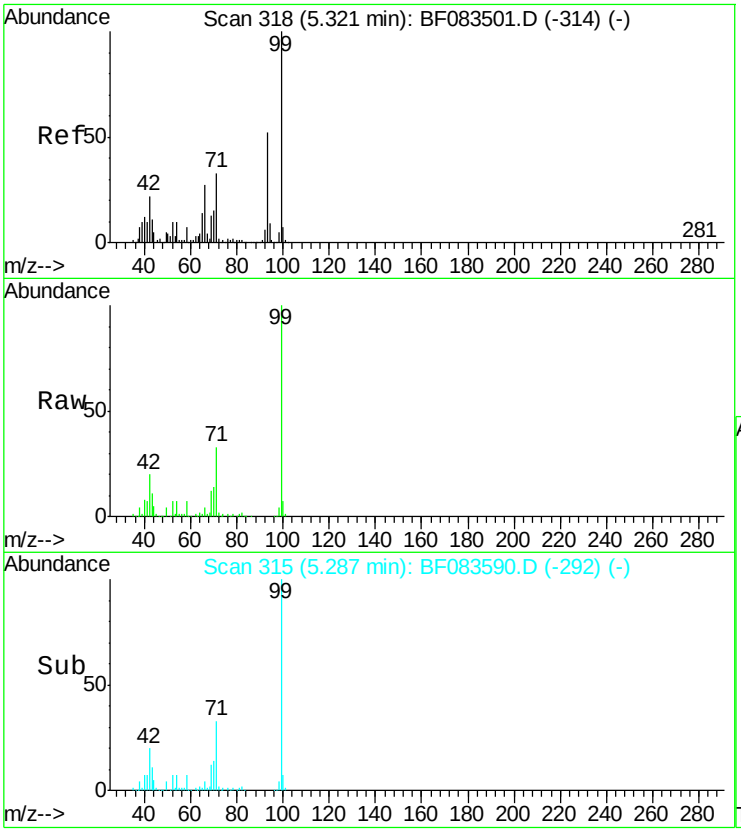


#5
2-Fluorophenol
Concen: 61.49 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion:112 Resp: 649689

Ion	Ratio	Lower	Upper
112	100		
64	69.4	50.5	75.7
63	35.0	25.8	38.6



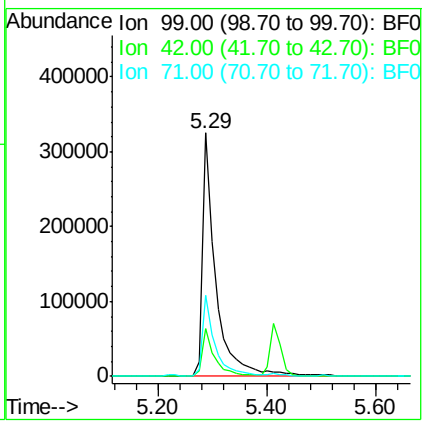


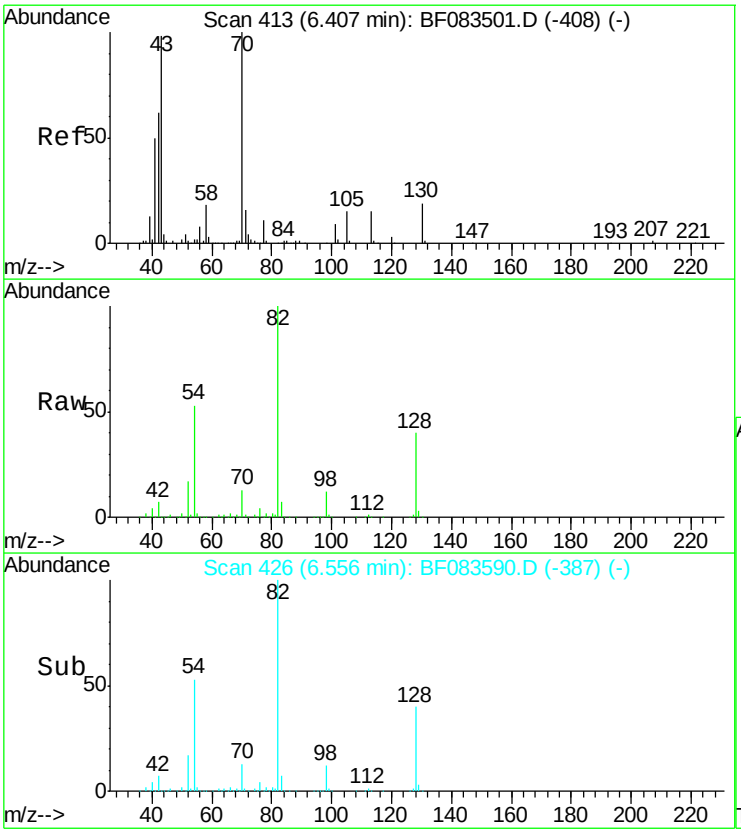
#7
Phenol-d6
Concen: 37.78 ng
RT: 5.29 min Scan# 315
Delta R.T. -0.03 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion: 99 Resp: 549931

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	33.1	26.6	40.0

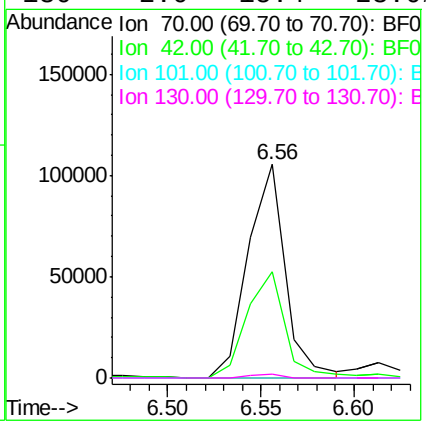


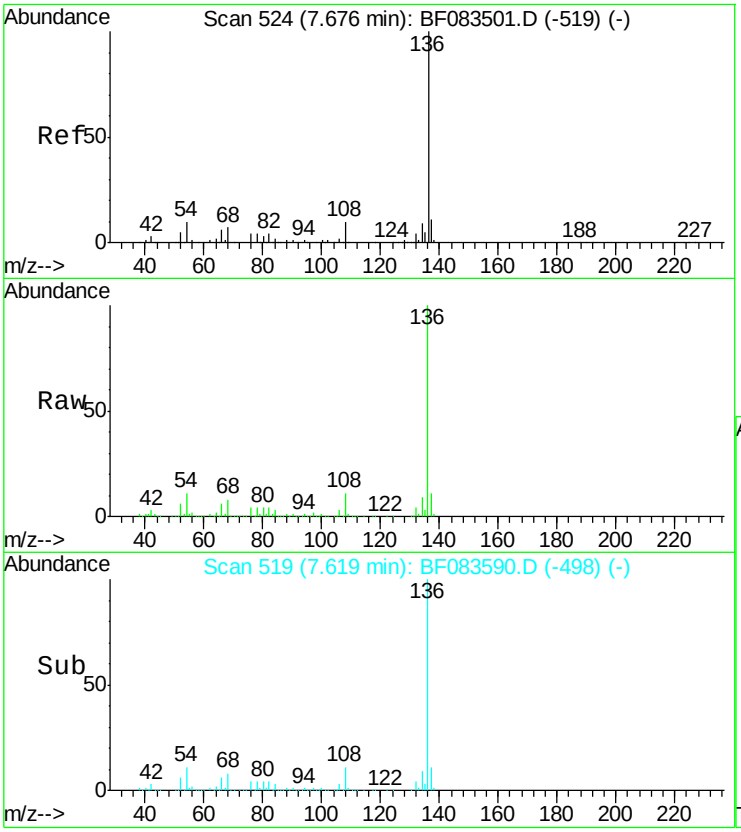


#19
n-Nitroso-di-n-propylamine
Concen: 15.10 ng
RT: 6.56 min Scan# 426
Delta R.T. 0.15 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion: 70 Resp: 146634

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.2	73.8
101	0.0	7.1	10.7#
130	2.0	15.4	23.0#



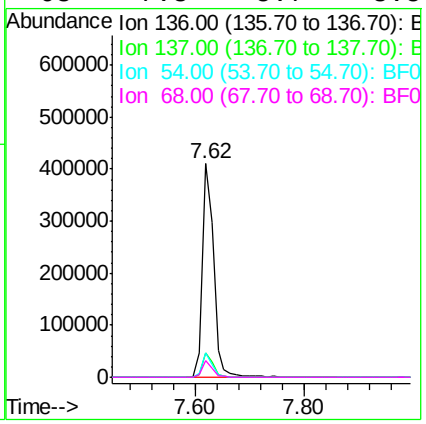


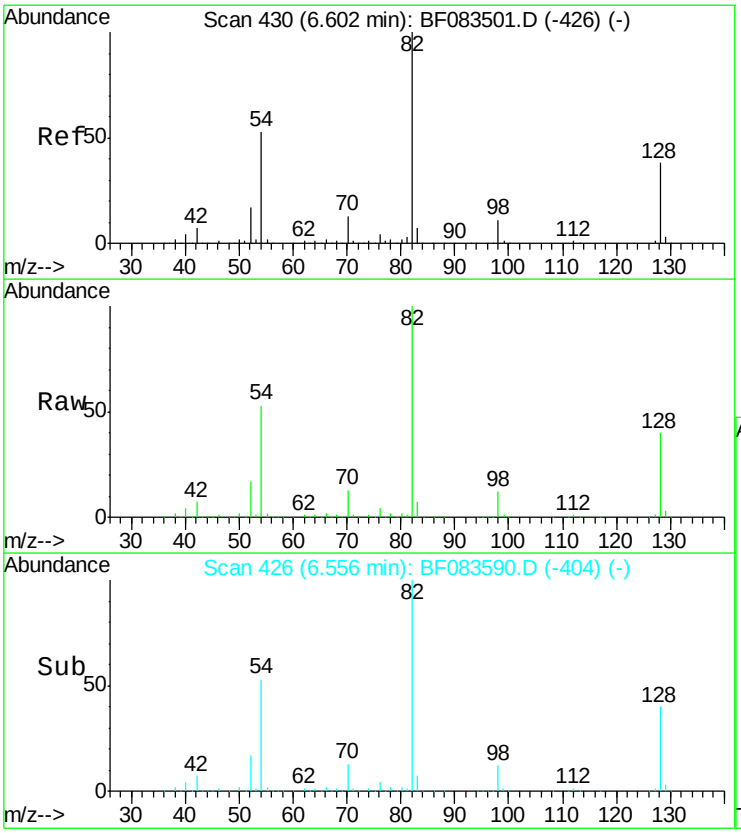
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:136 Resp: 583316

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.1	7.8	11.6
68	7.8	5.7	8.5

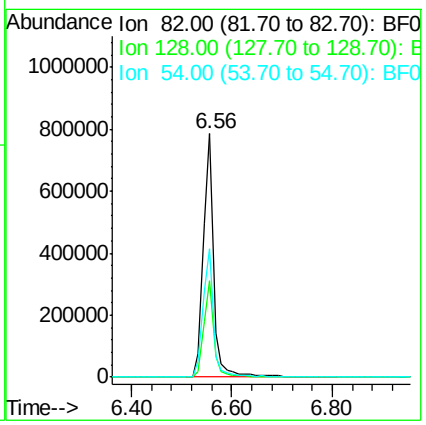


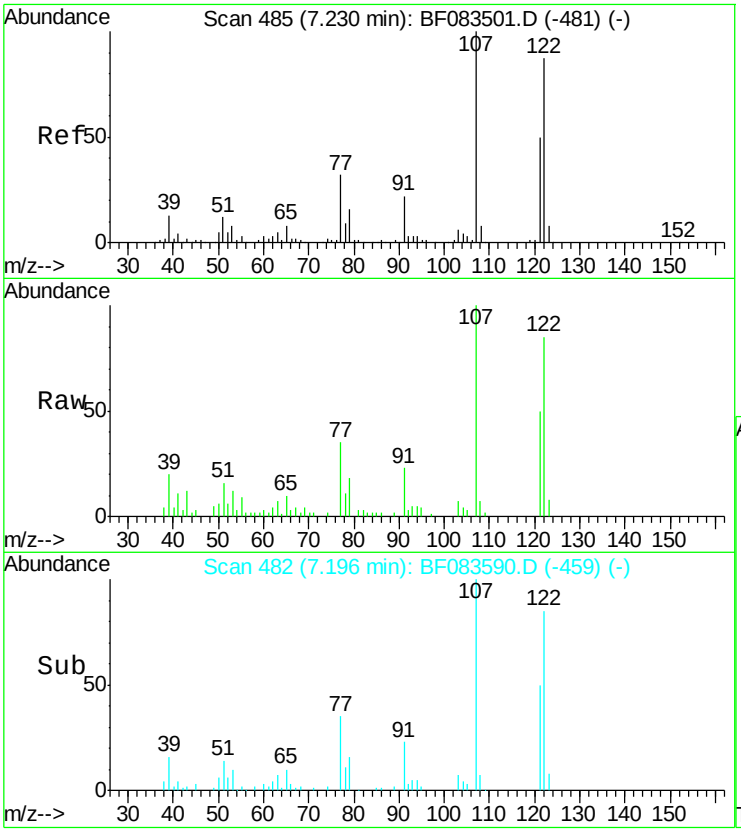


#23
Nitrobenzene-d5
Concen: 91.05 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion: 82 Resp: 1136153

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.7	46.1
54	53.0	42.5	63.7



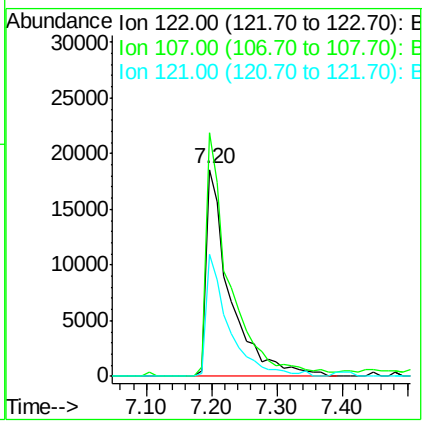


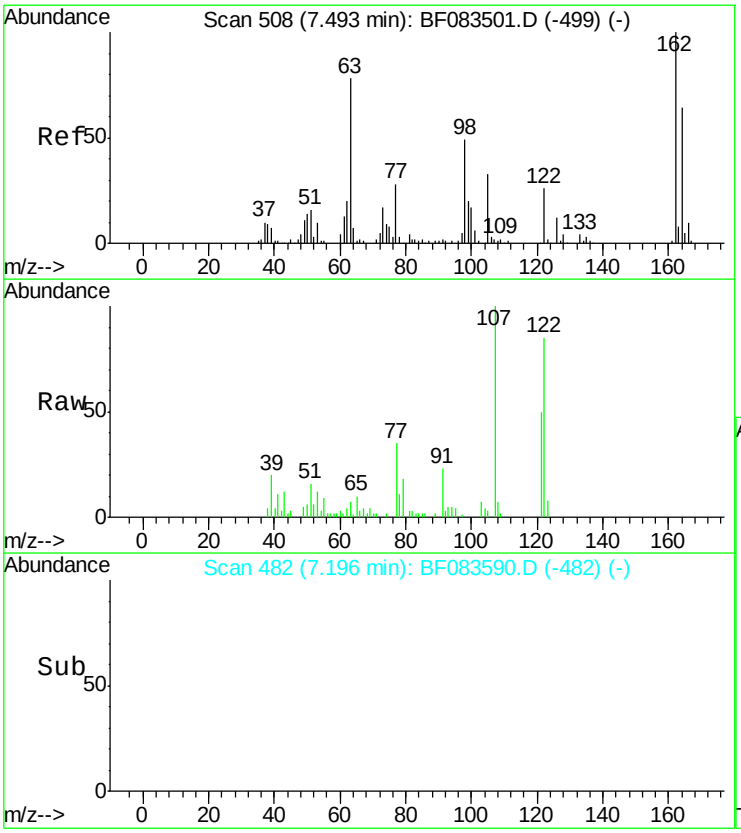
#27
2,4-Dimethylphenol
Concen: 4.94 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:122 Resp: 47351

Ion	Ratio	Lower	Upper
122	100		
107	117.9	92.4	138.6
121	59.3	45.8	68.6

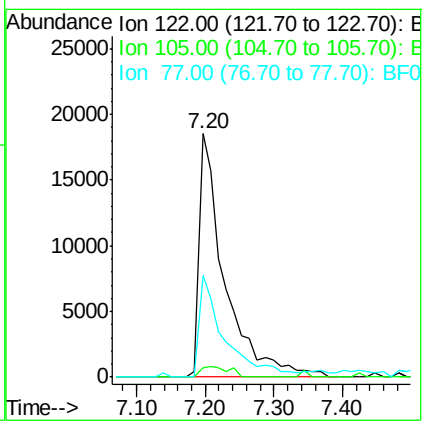


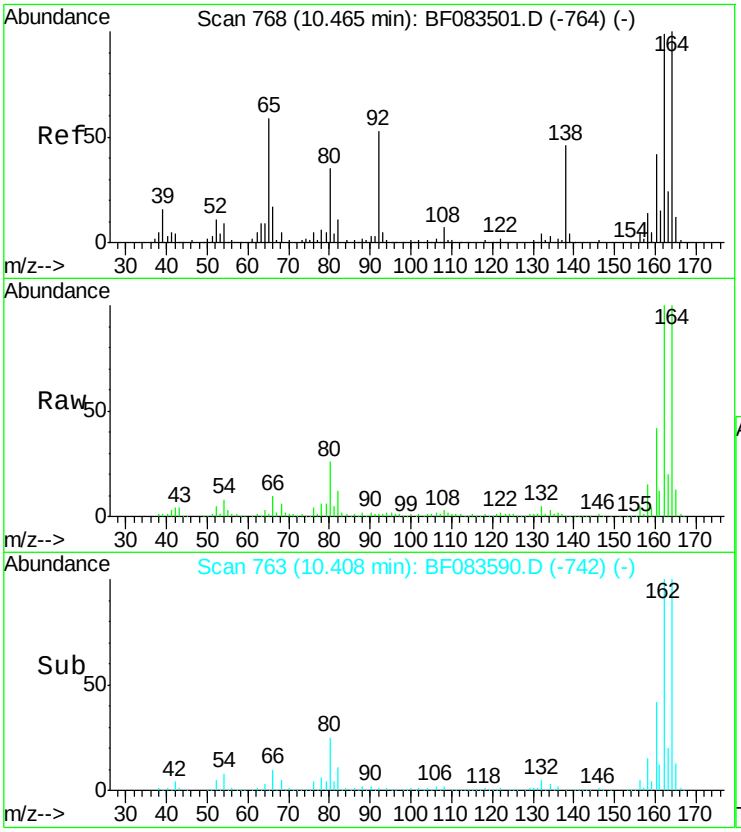


#32
Benzoic acid
Concen: 11.26 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion:122 Resp: 47350

Ion	Ratio	Lower	Upper
122	100		
105	4.1	105.6	145.6#
77	41.7	86.8	126.8#



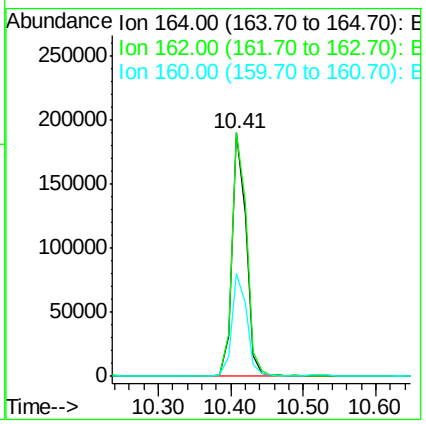


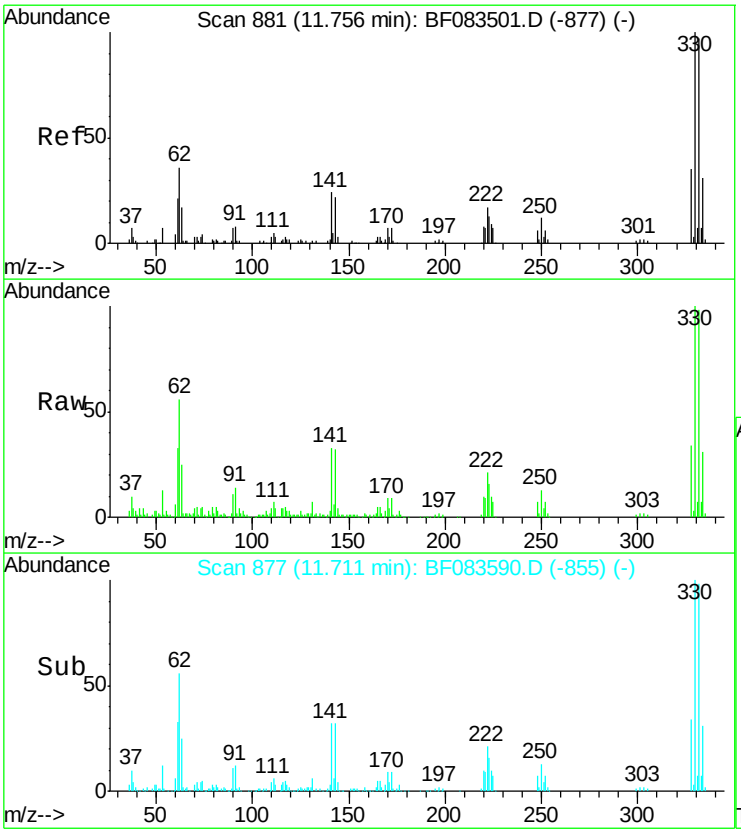
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:164 Resp: 257501

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	42.2	33.4	50.2

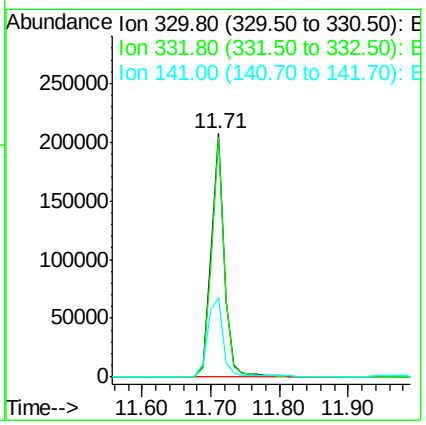


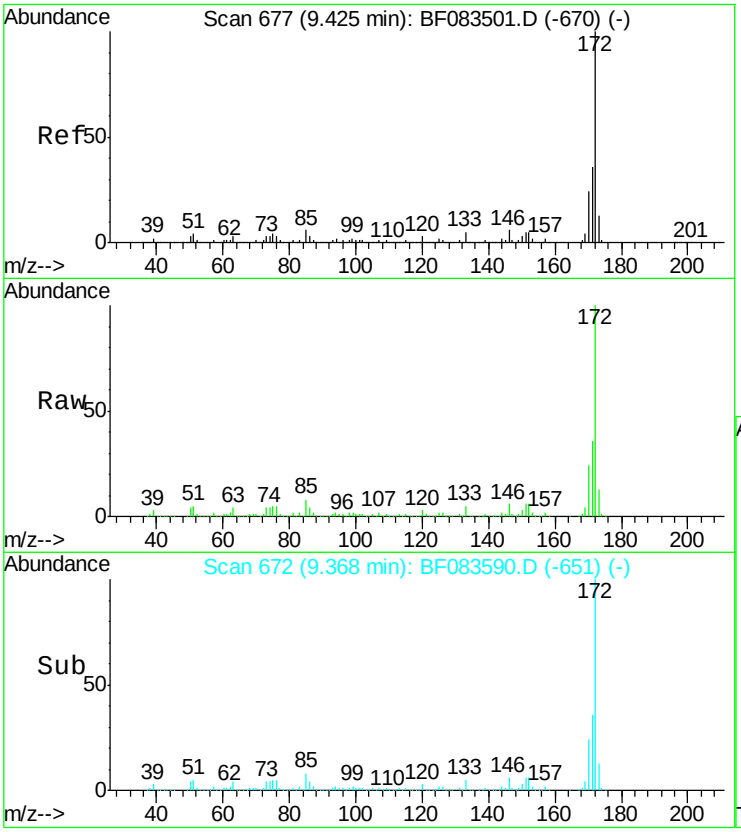


#41
2,4,6-Tribromophenol
Concen: 118.65 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion:330 Resp: 281829

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	37.1	0.0	0.0#



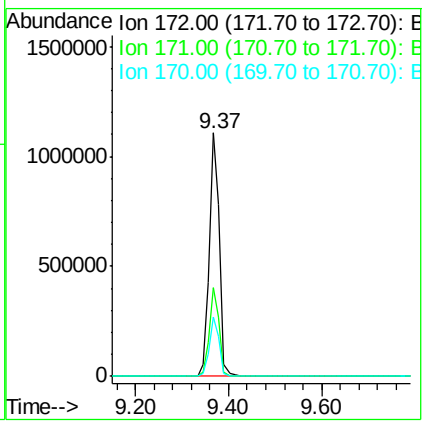


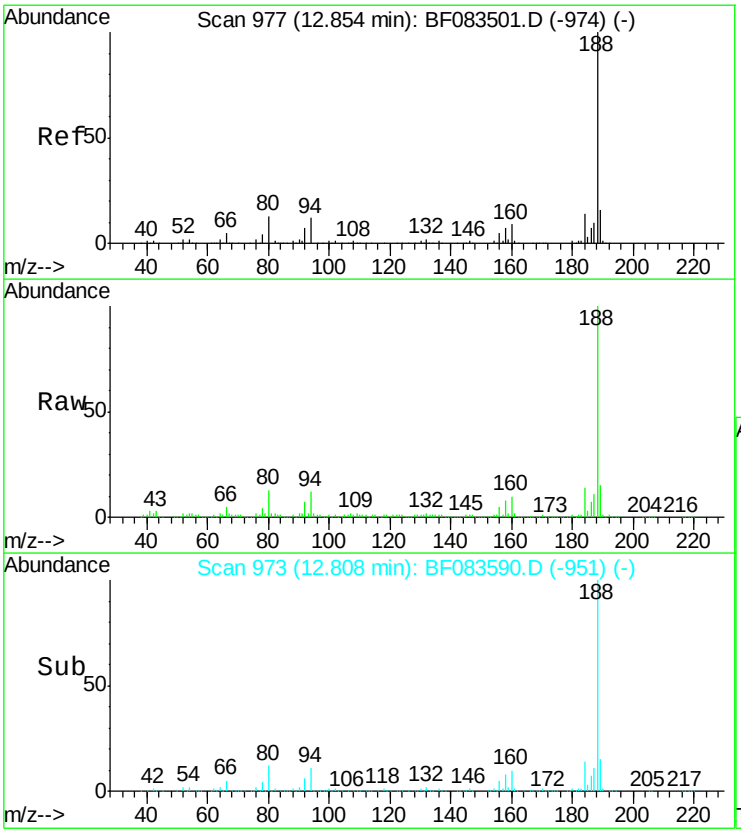
#44
2-Fluorobiphenyl
Concen: 89.50 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:172 Resp: 1699130

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.2	19.4	29.0

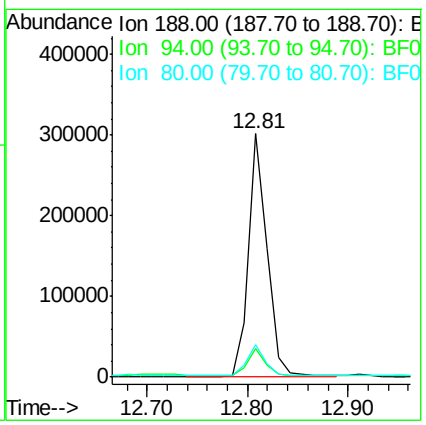


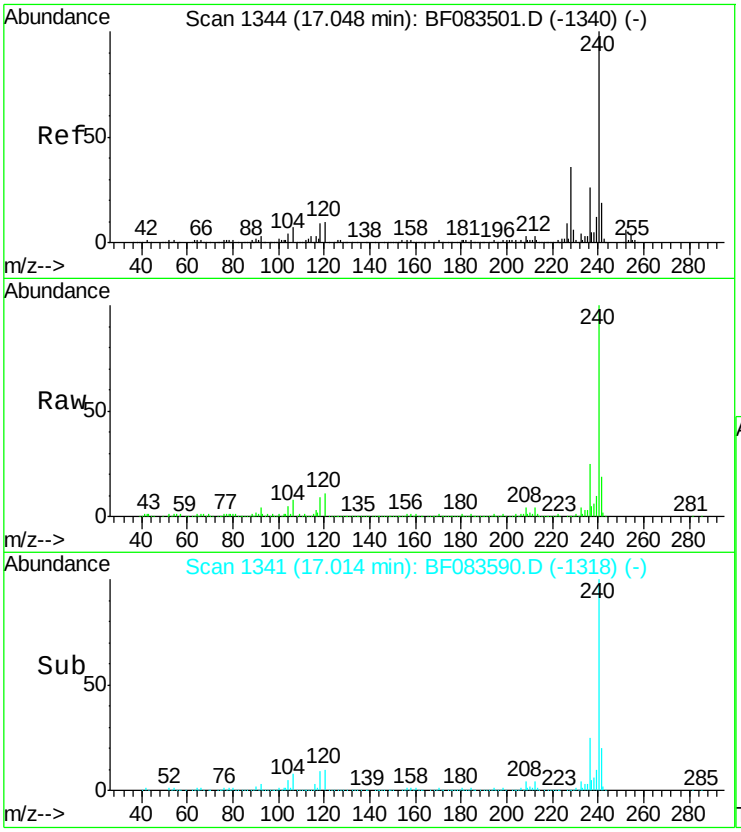


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion:188 Resp: 389441

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.2	10.6	16.0



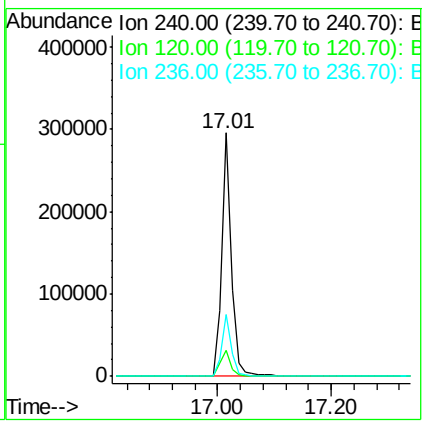


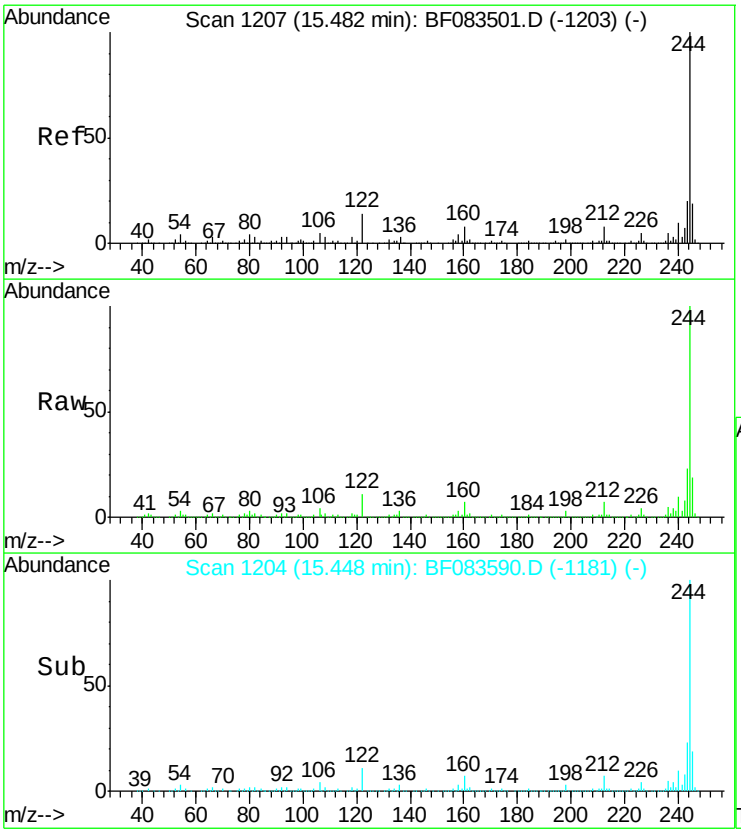
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:240 Resp: 354837

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	25.5	20.8	31.2

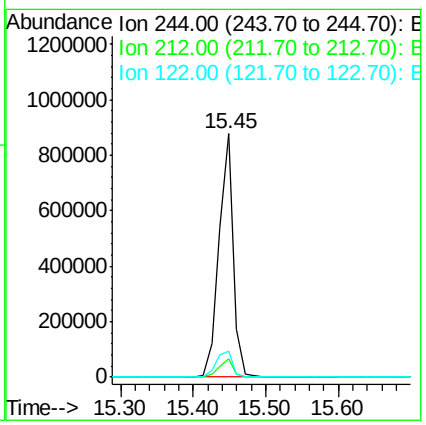


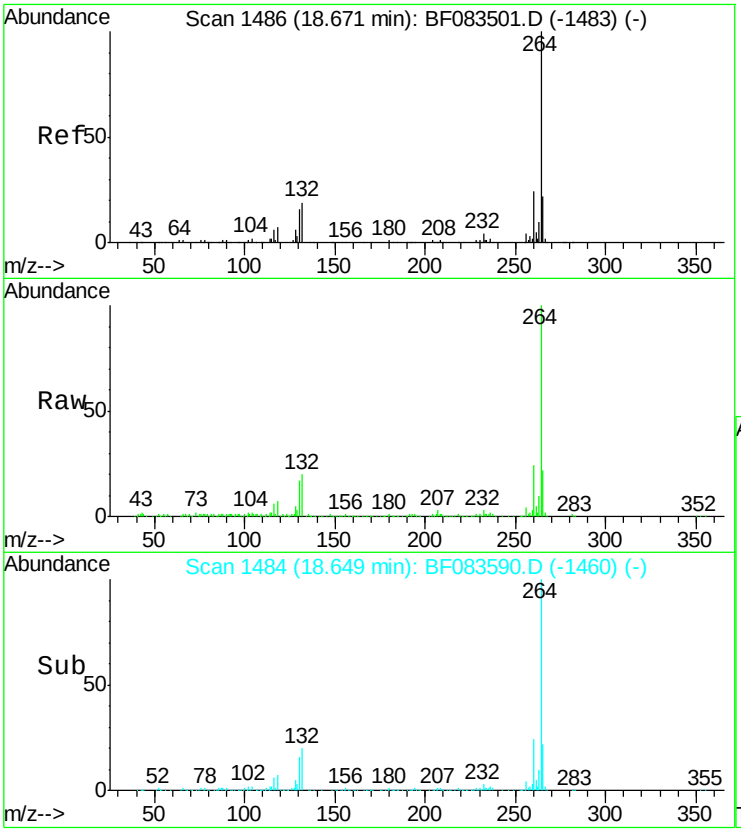


#78
Terphenyl-d14
Concen: 75.06 ng
RT: 15.45 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Tgt Ion:244 Resp: 1196944

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.8	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083590.D
Acq: 8 Dec 2015 9:14

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:264 Resp: 247596

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.8	17.8	26.6