Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083209.D
Acq On : 23 Nov 2015 17:43
Operator : UM/IZ
Sample : G4437-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Nov 24 04:33:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	235169	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	861204	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	408944	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	738812	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	581123	20.00	ng	-0.03
86) Perylene-d12	15.13	264	447029	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	544809	35.02	ng	-0.04
7) Phenol-d6	6.30	99	482756	23.99	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1071089	56.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	340083	81.29	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1527889	52.10	ng	-0.02
78) Terphenyl-d14	12.73	244	1320552	53.51	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.25	77	3362	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.21	70	150361	10.74	ng	# 78
66) 4-Bromophenyl-phenylether	10.47	248	22306	2.72	ng	# 1

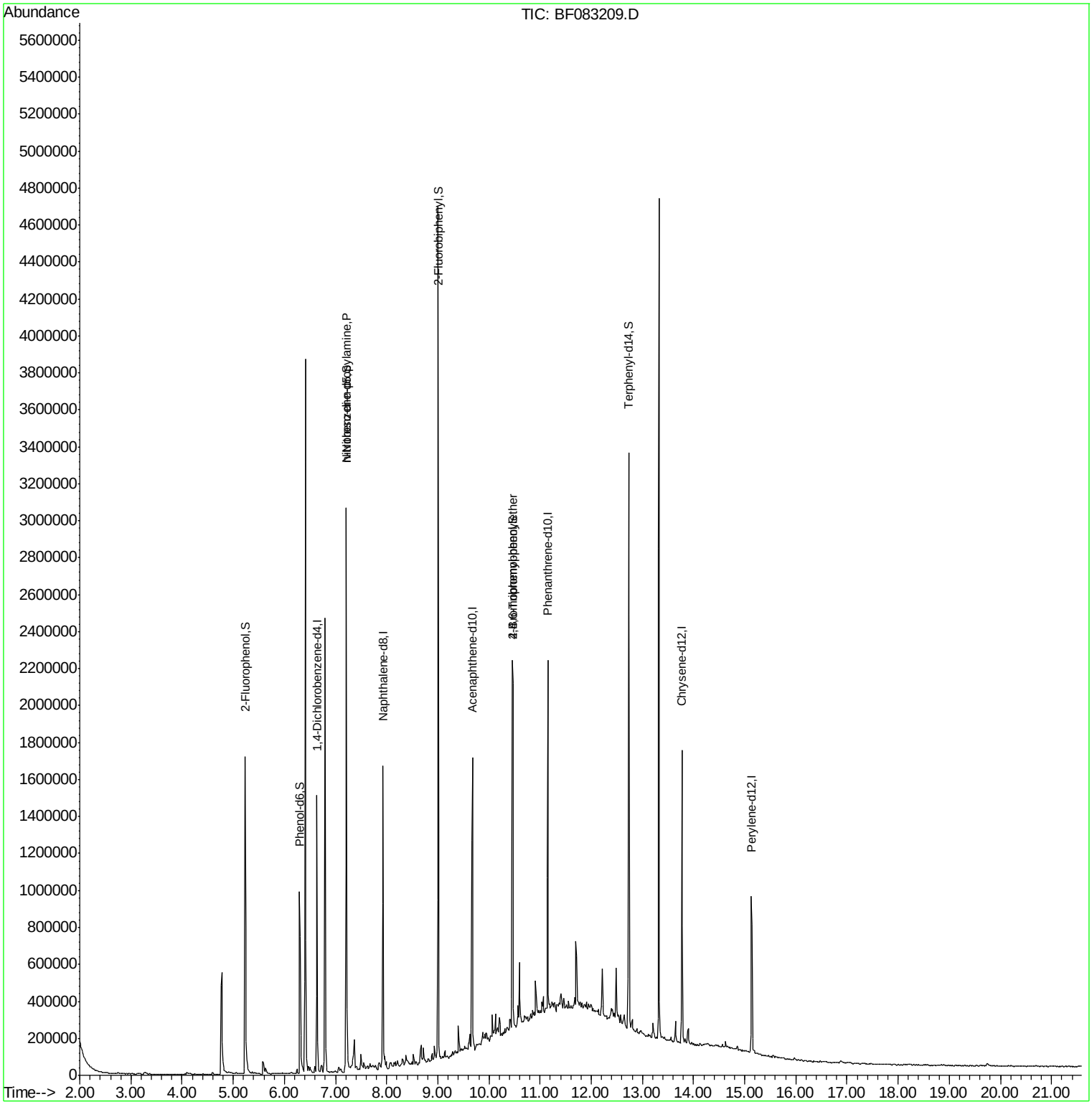
(#) = qualifier out of range (m) = manual integration (+) = signals summed

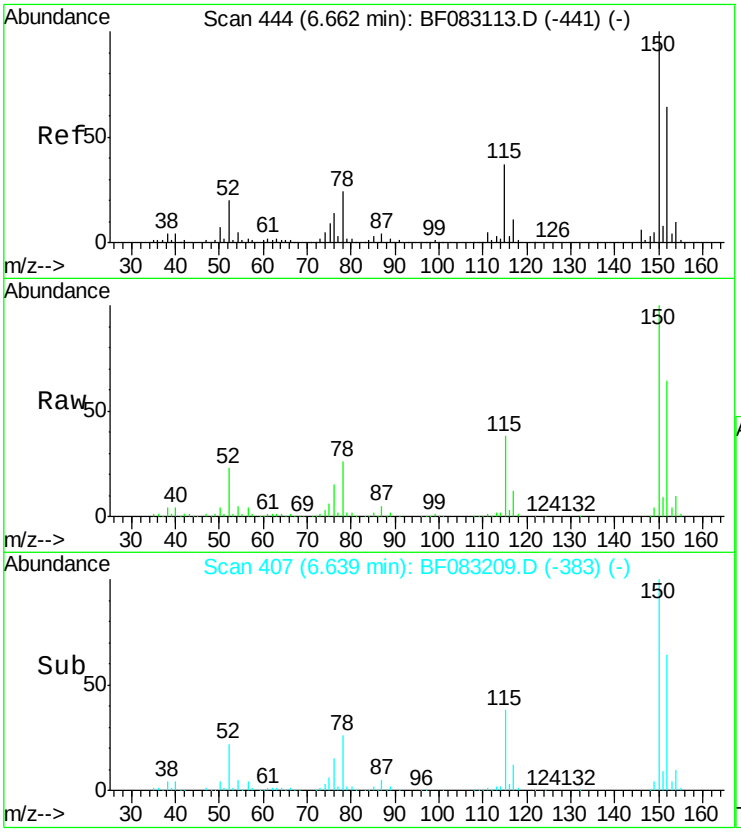
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083209.D
Acq On : 23 Nov 2015 17:43
Operator : UM/IZ
Sample : G4437-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Nov 24 04:33:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



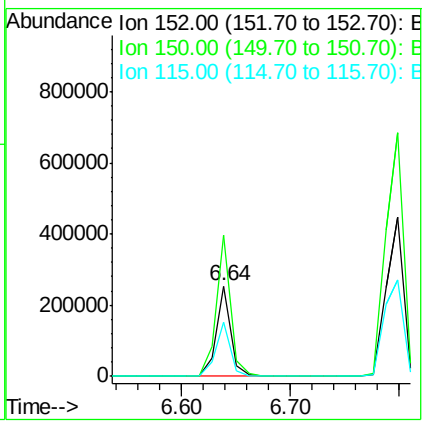


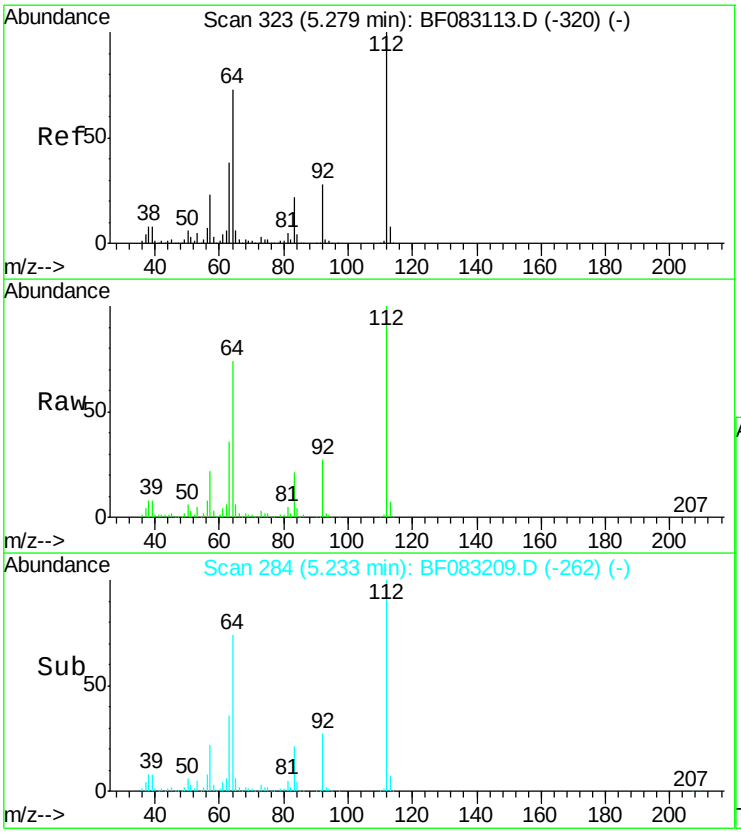
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 235169

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.8
115	60.1	46.9	70.3

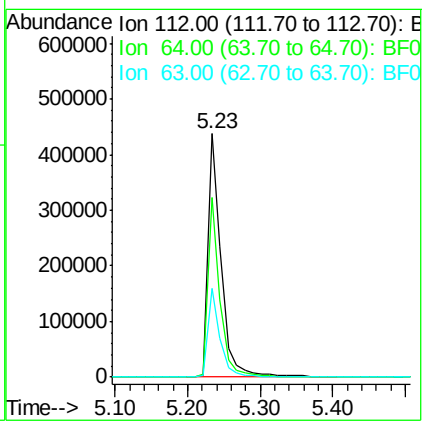


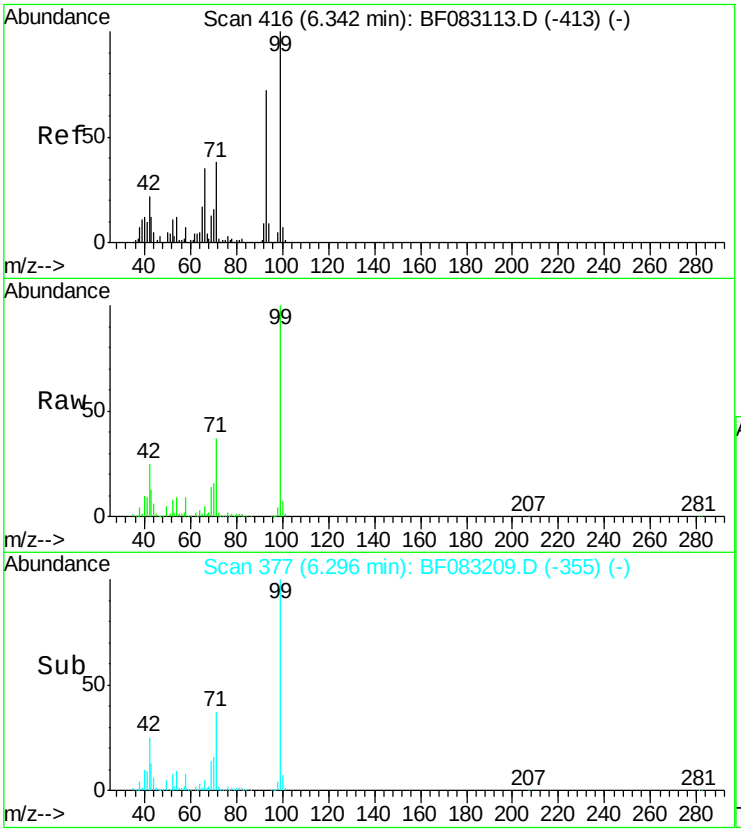


#5
2-Fluorophenol
Concen: 35.02 ng
RT: 5.23 min Scan# 284
Delta R.T. -0.04 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:112 Resp: 544809

Ion	Ratio	Lower	Upper
112	100		
64	73.6	58.4	87.6
63	36.3	30.0	45.0



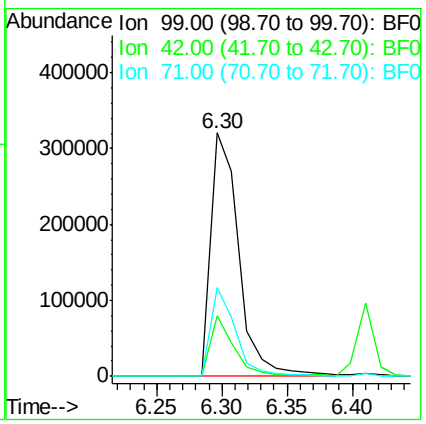


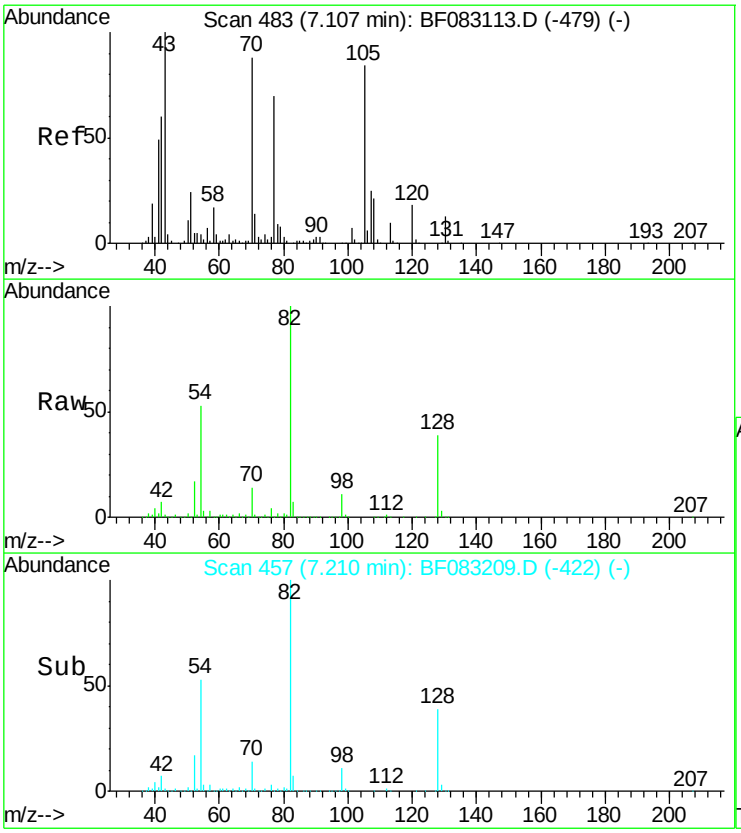
#7
Phenol-d6
Concen: 23.99 ng
RT: 6.30 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 482756

Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.7	26.5
71	36.6	30.2	45.4

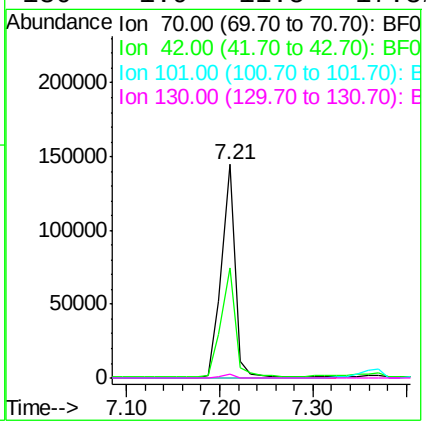


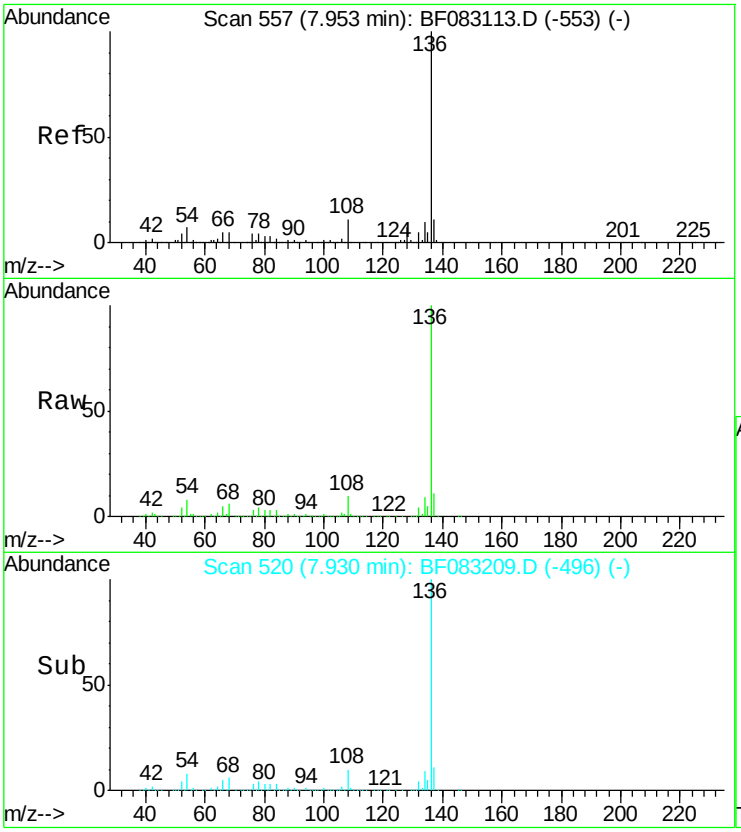


#19
n-Nitroso-di-n-propylamine
Concen: 10.74 ng
RT: 7.21 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion: 70 Resp: 150361

Ion	Ratio	Lower	Upper
70	100		
42	51.4	54.5	81.7#
101	0.0	6.6	9.8#
130	1.9	11.5	17.3#



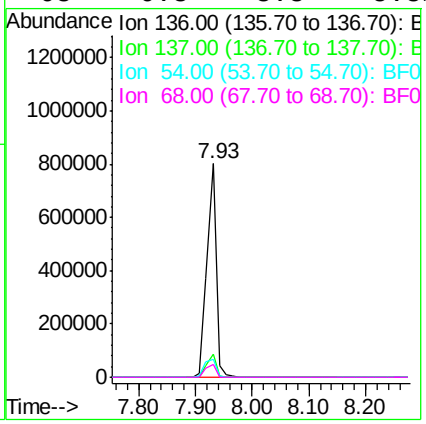


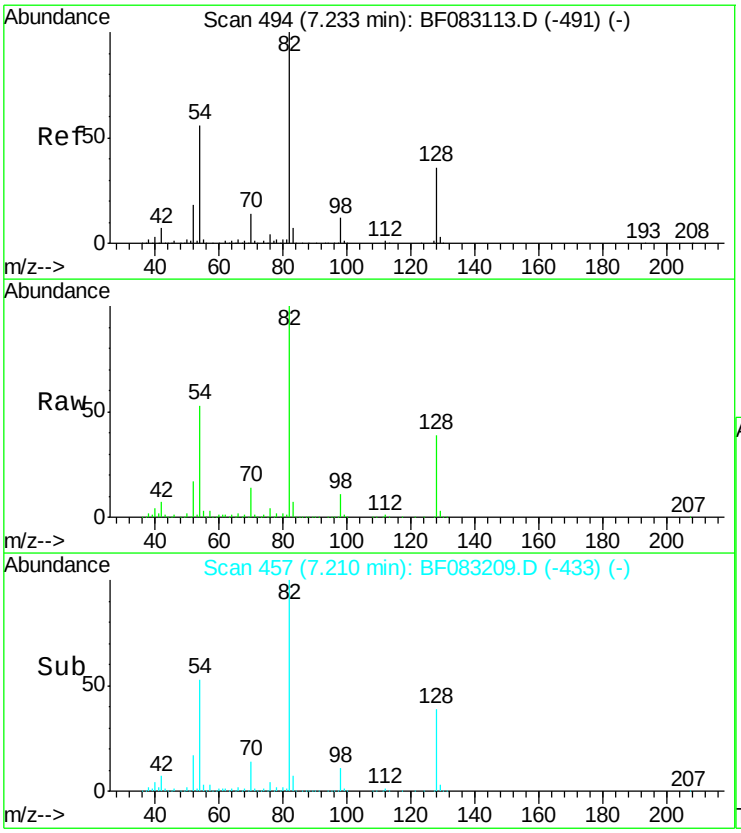
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 861204

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.3	5.8	8.6
68	6.3	3.8	5.8#

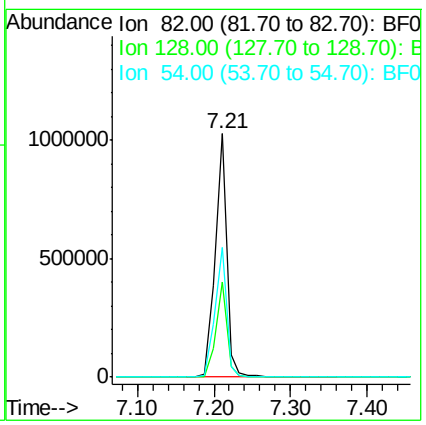


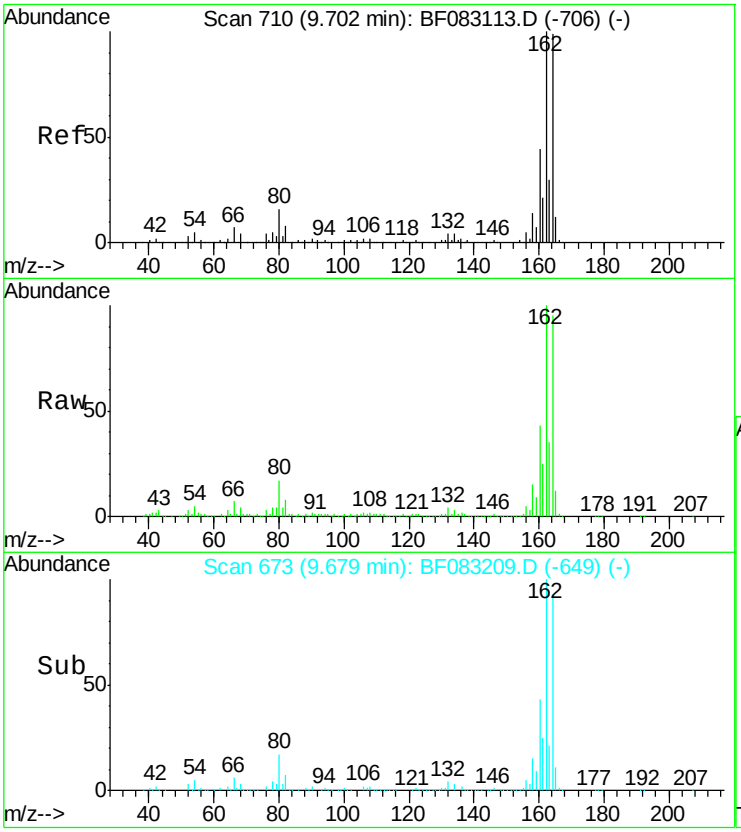


#23
Nitrobenzene-d5
Concen: 56.83 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion: 82 Resp: 1071089

Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.5	42.7
54	53.4	44.6	67.0



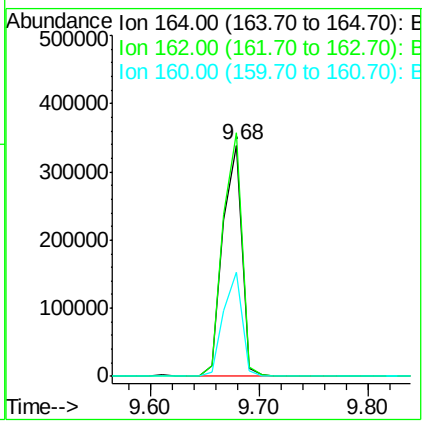


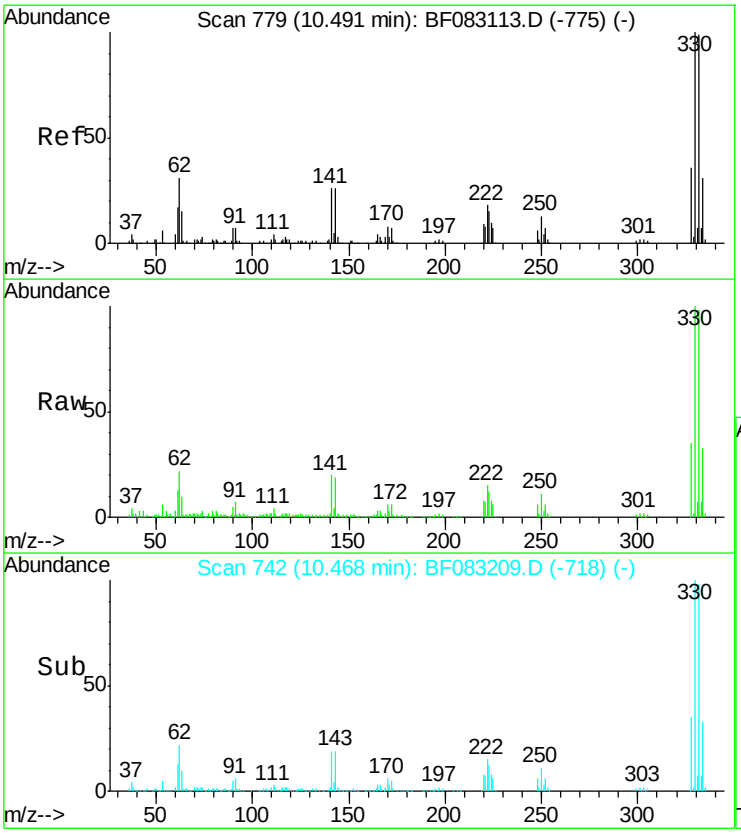
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 408944

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.2	121.8
160	45.3	35.6	53.4

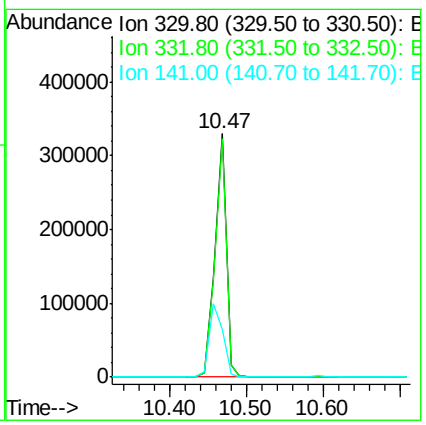


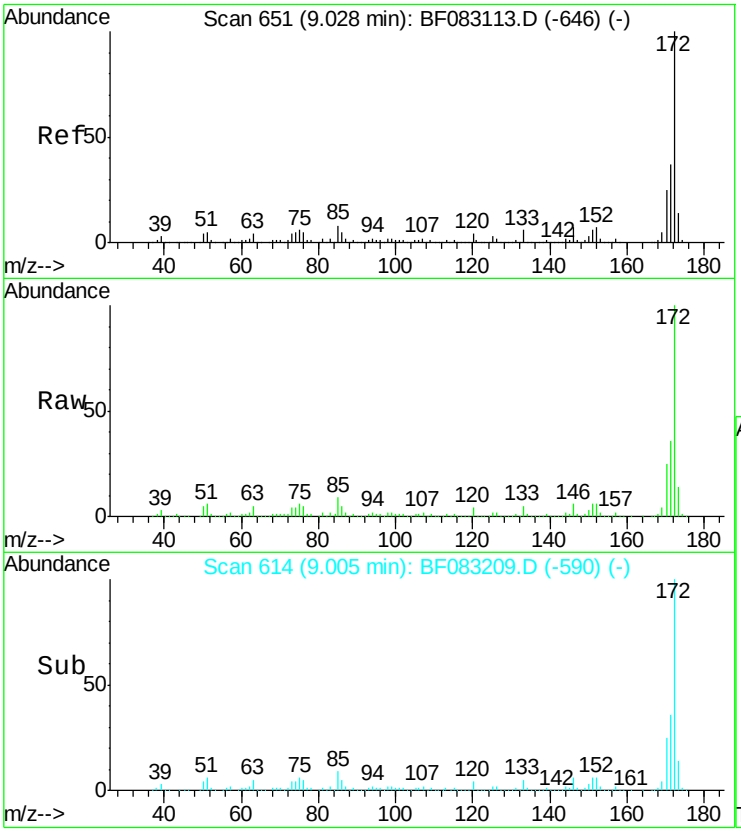


#41
2,4,6-Tribromophenol
Concen: 81.29 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:330 Resp: 340083

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.7	116.5
141	35.1	29.7	44.5



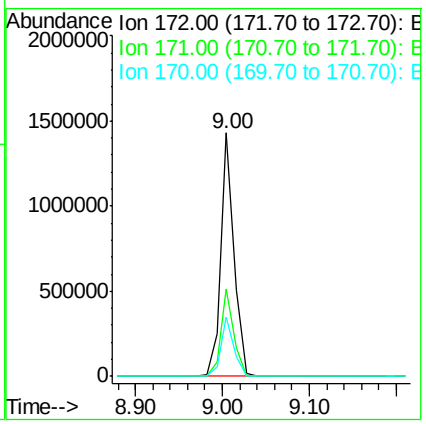


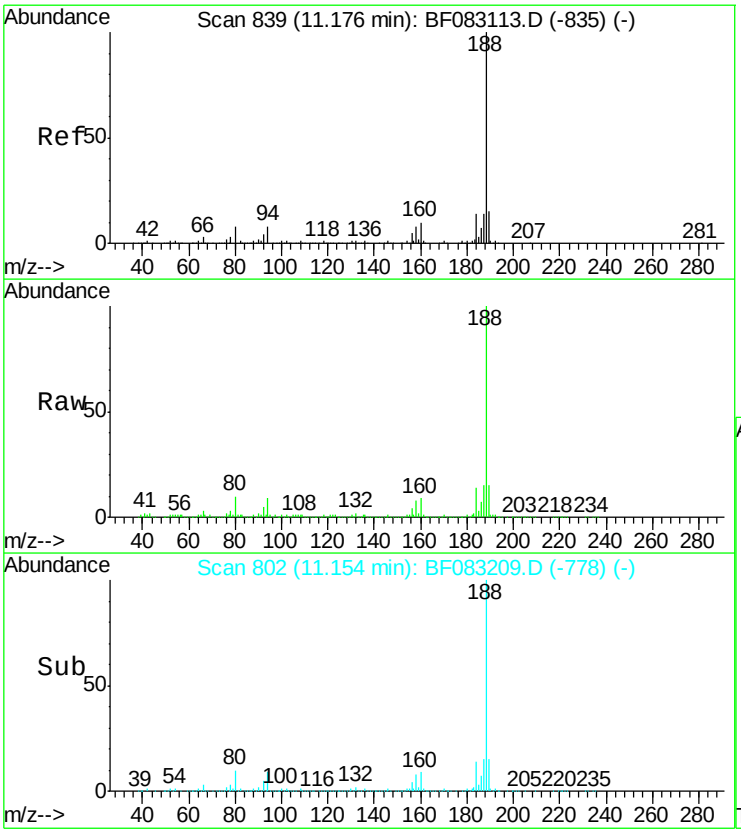
#44
2-Fluorobiphenyl
Concen: 52.10 ng
RT: 9.00 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 1527889

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.6	19.9	29.9

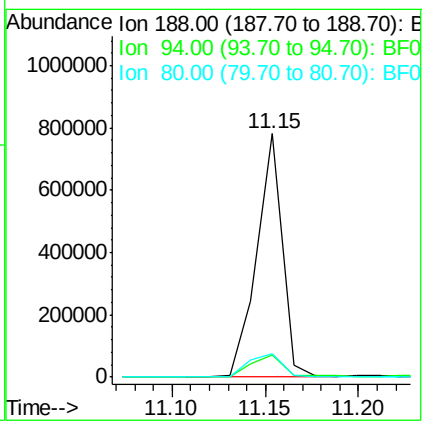


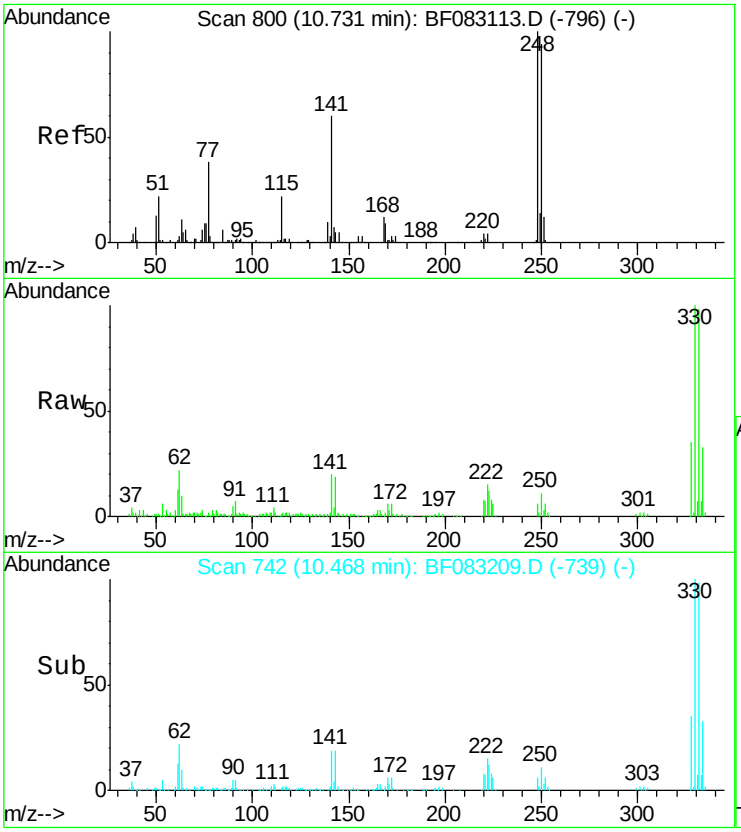


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:188 Resp: 738812

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.0	9.0#
80	9.7	6.7	10.1



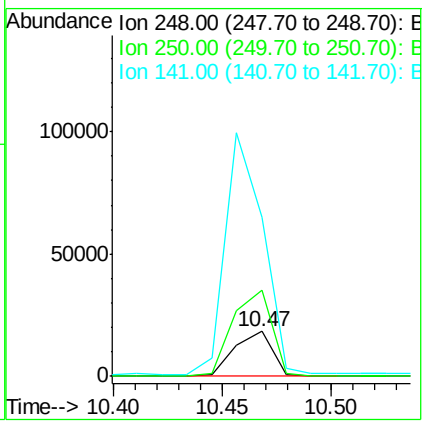


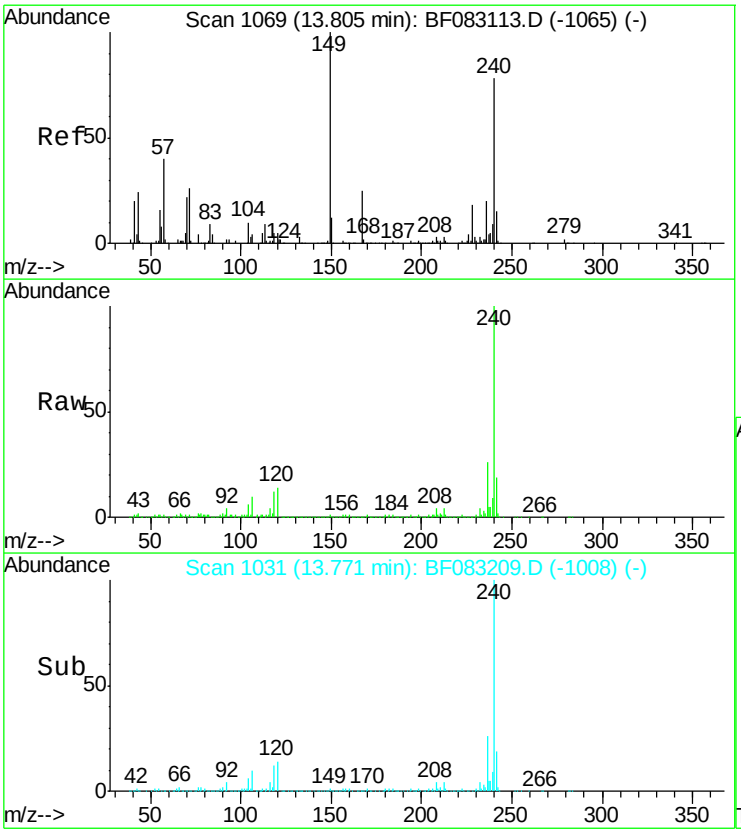
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:248 Resp: 22306

Ion	Ratio	Lower	Upper
248	100		
250	191.9	75.4	113.2#
141	352.6	48.1	72.1#

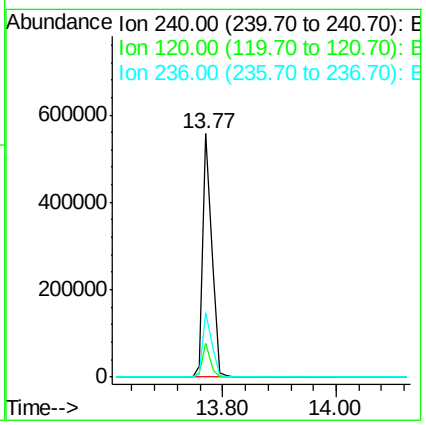


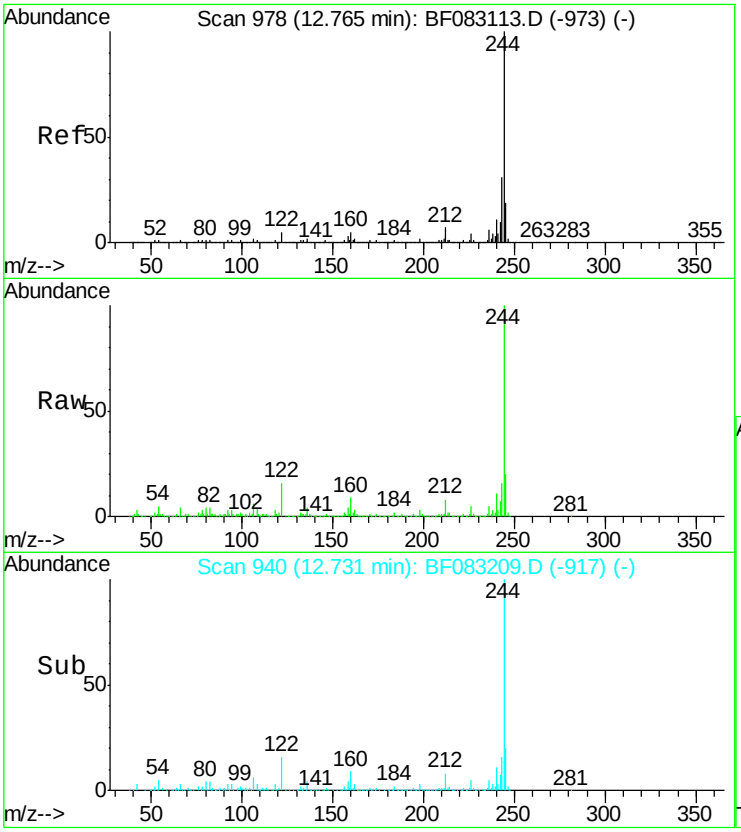


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:240 Resp: 581123

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.4	8.2#
236	26.2	20.6	31.0



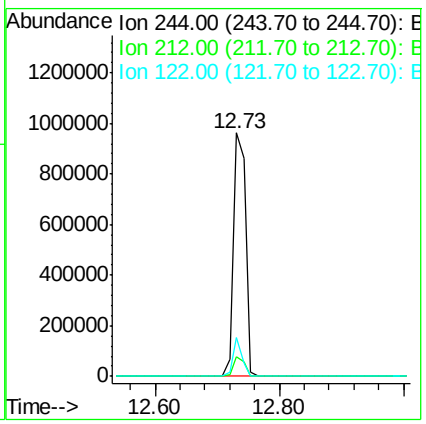


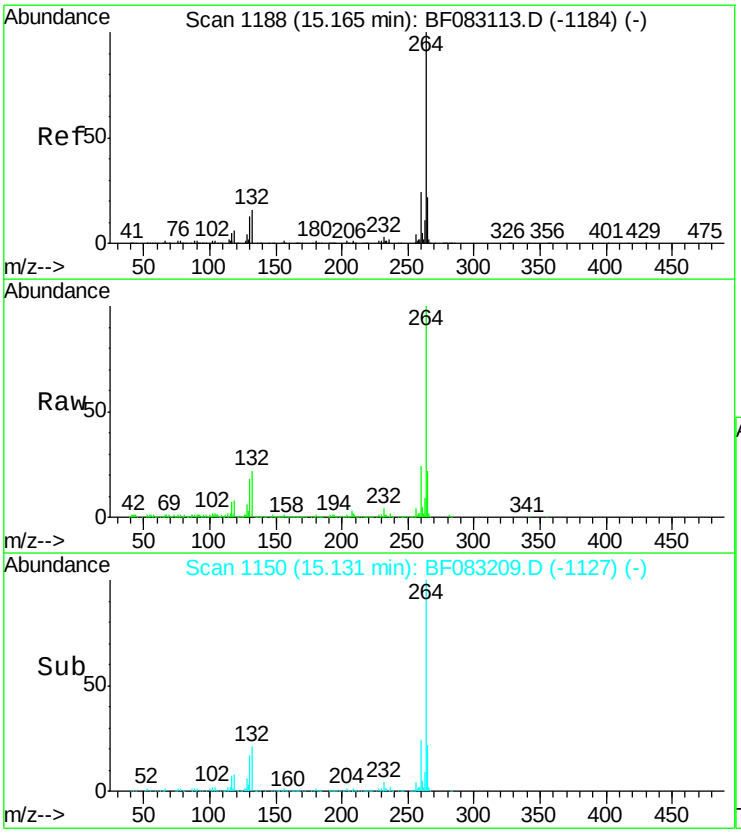
#78
Terphenyl-d14
Concen: 53.51 ng
RT: 12.73 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 1320552

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.2
122	15.9	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:264 Resp: 447029

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.3	18.2	27.4