Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083604.D
Acq On : 8 Dec 2015 19:51
Operator : UM/IZ
Sample : PB87006BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86955TB

Quant Time: Dec 09 01:21:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	159862	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	628272	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	318776	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	611394	20.00	ng	0.00
75) Chrysene-d12	16.99	240	555066	20.00	ng	0.00
86) Perylene-d12	18.63	264	452748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	928799	88.12	ng	0.01
7) Phenol-d6	5.26	99	1239167	87.99	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1111892	82.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	251734	88.64	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1828834	80.74	ng	-0.01
78) Terphenyl-d14	15.41	244	1812018	76.81	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.52	70	138892	14.13	ng	# 83
64) 4,6-Dinitro-2-methylphenol	11.67	198	514	2.06	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083604.D
Acq On : 8 Dec 2015 19:51
Operator : UM/IZ
Sample : PB87006BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
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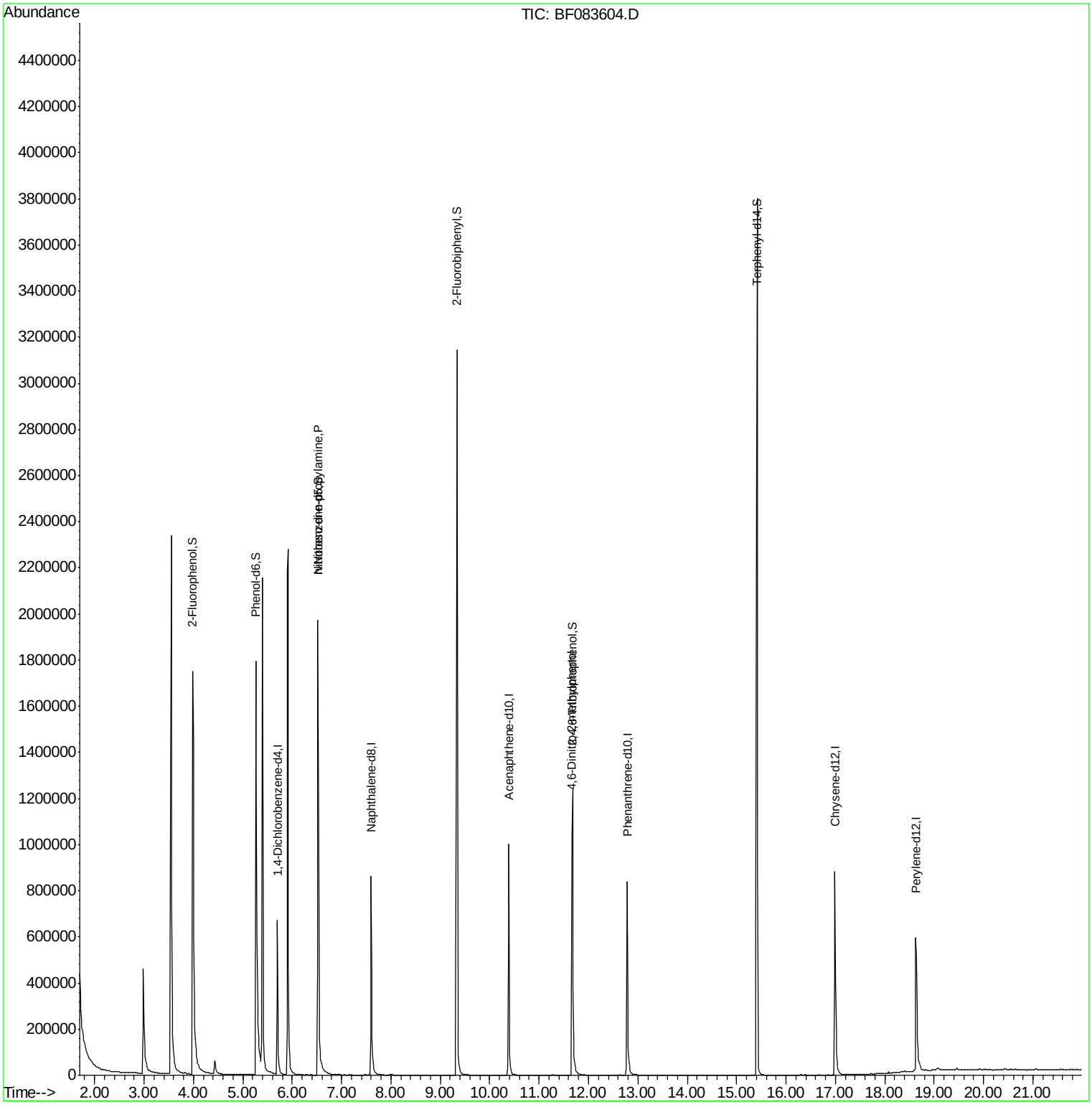
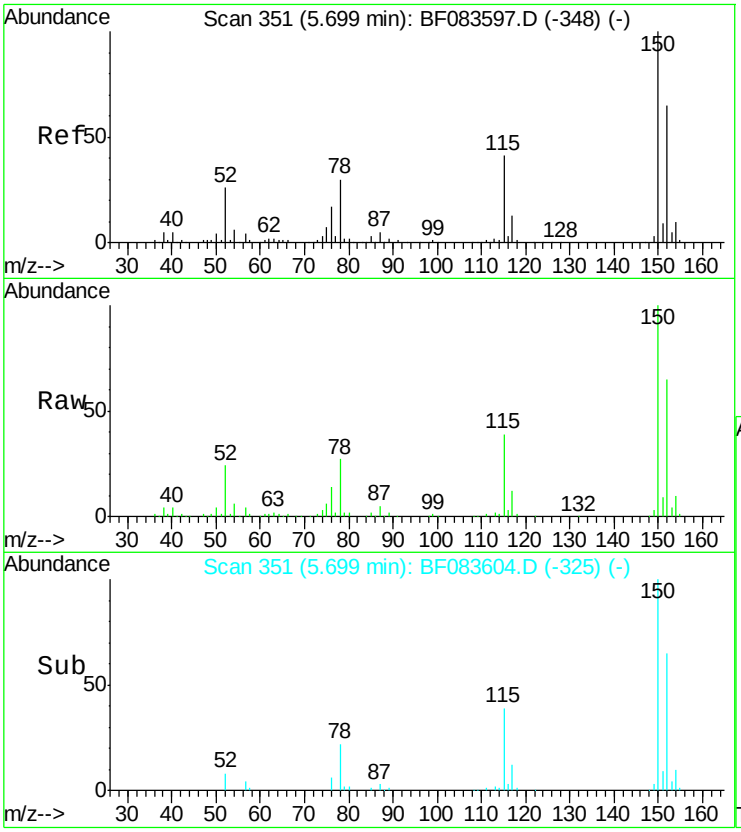


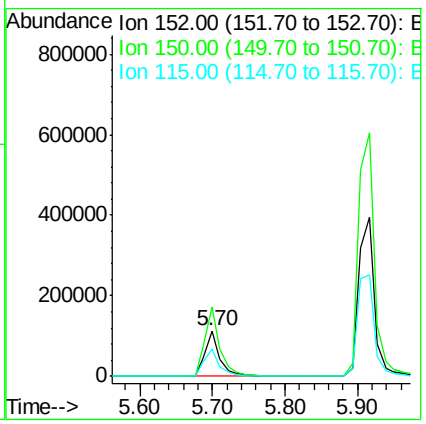


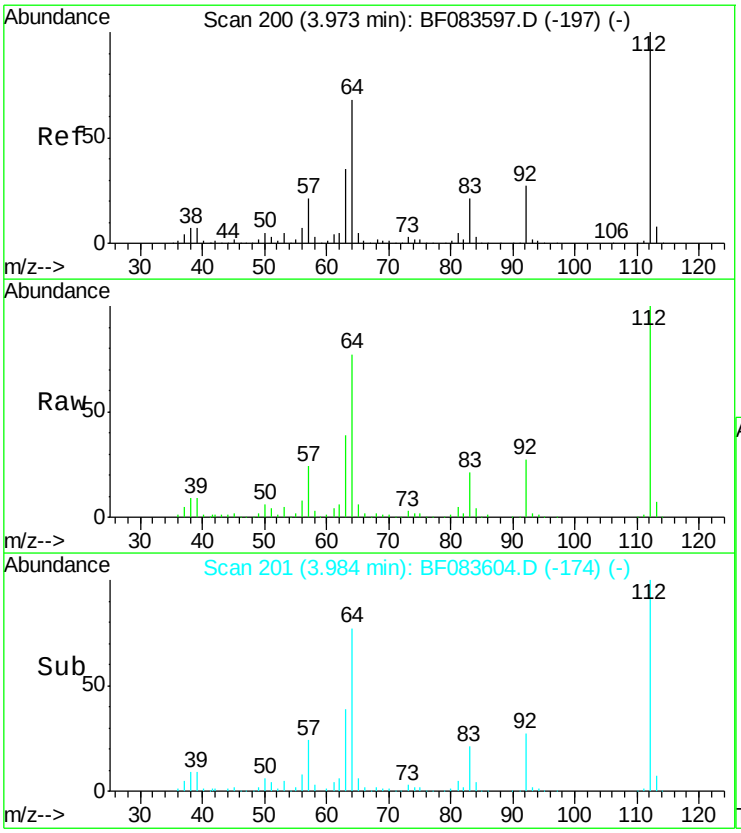
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:152 Resp: 159862

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.5	189.7
115	60.3	52.3	78.5

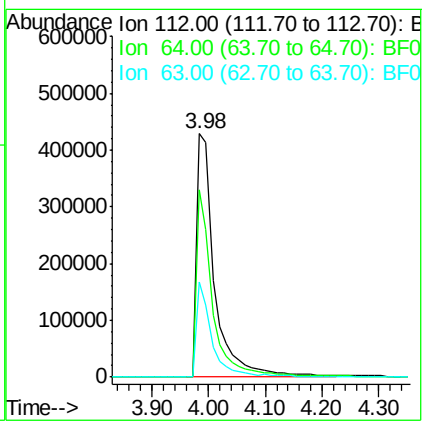


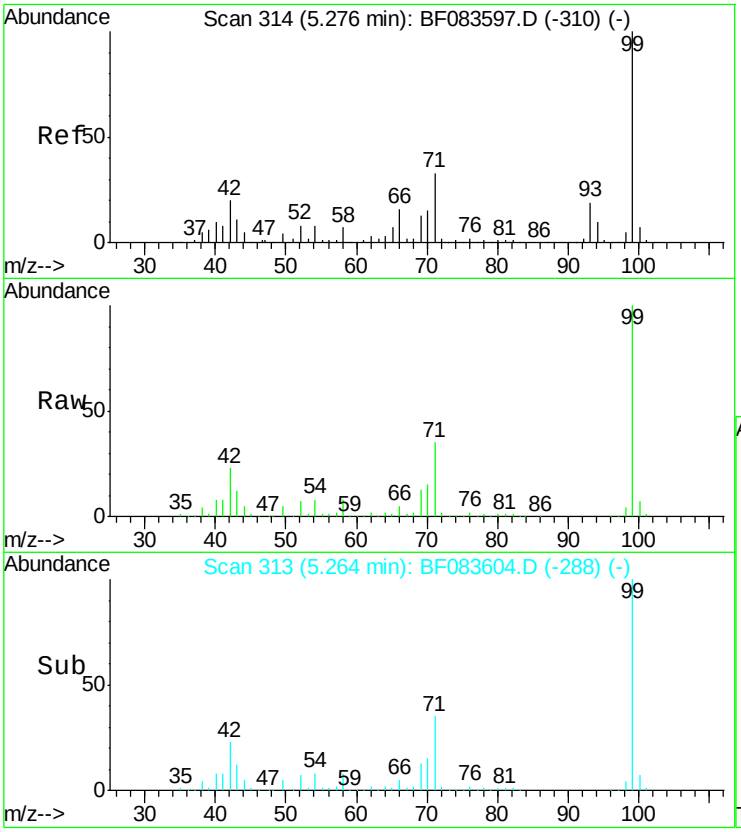


#5
2-Fluorophenol
Concen: 88.12 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:112 Resp: 928799

Ion	Ratio	Lower	Upper
112	100		
64	76.9	50.5	75.7#
63	39.0	25.8	38.6#



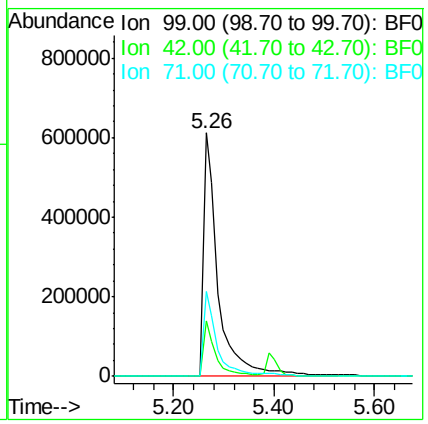


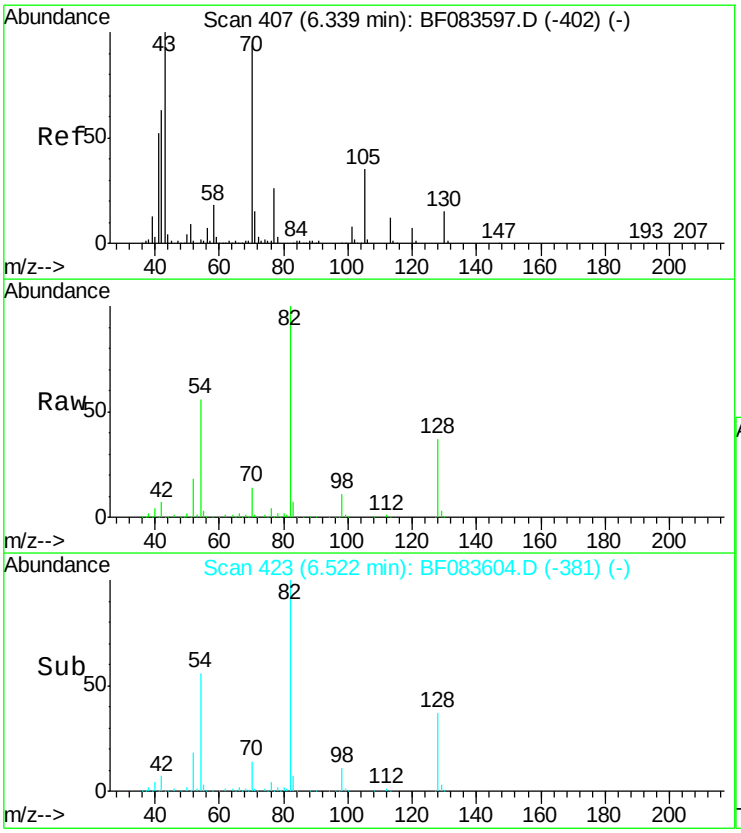
#7
Phenol-d6
Concen: 87.99 ng
RT: 5.26 min Scan# 313
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion: 99 Resp: 1239167

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.3	25.9
71	34.7	26.6	40.0

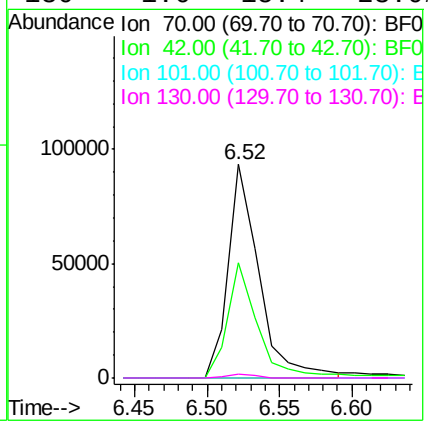


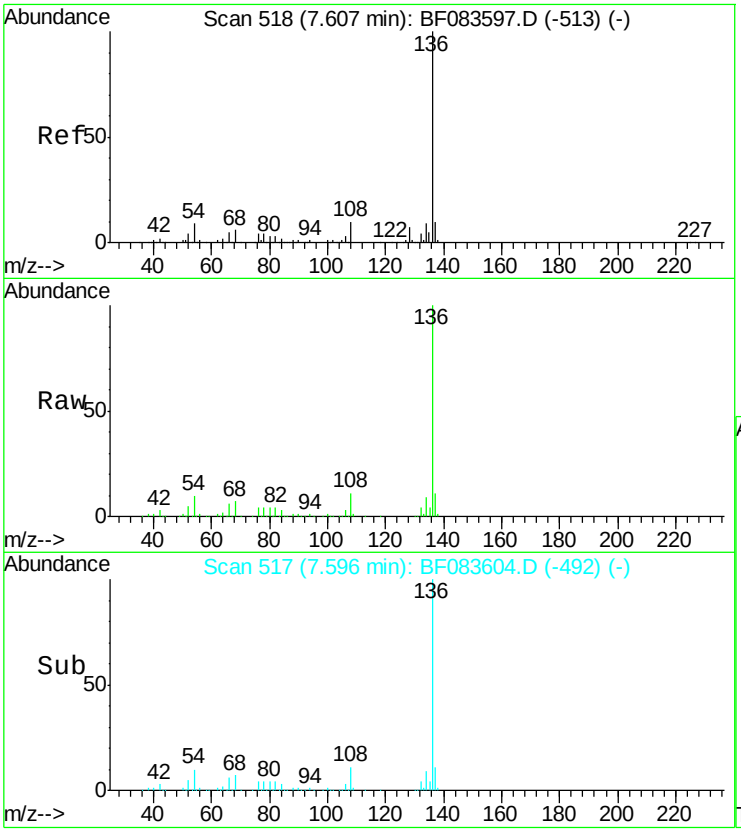


#19
n-Nitroso-di-n-propylamine
Concen: 14.13 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.18 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion: 70 Resp: 138892

Ion	Ratio	Lower	Upper
70	100		
42	54.0	49.2	73.8
101	0.0	7.1	10.7#
130	1.6	15.4	23.0#



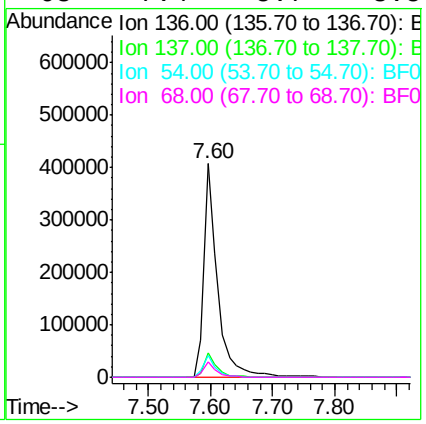


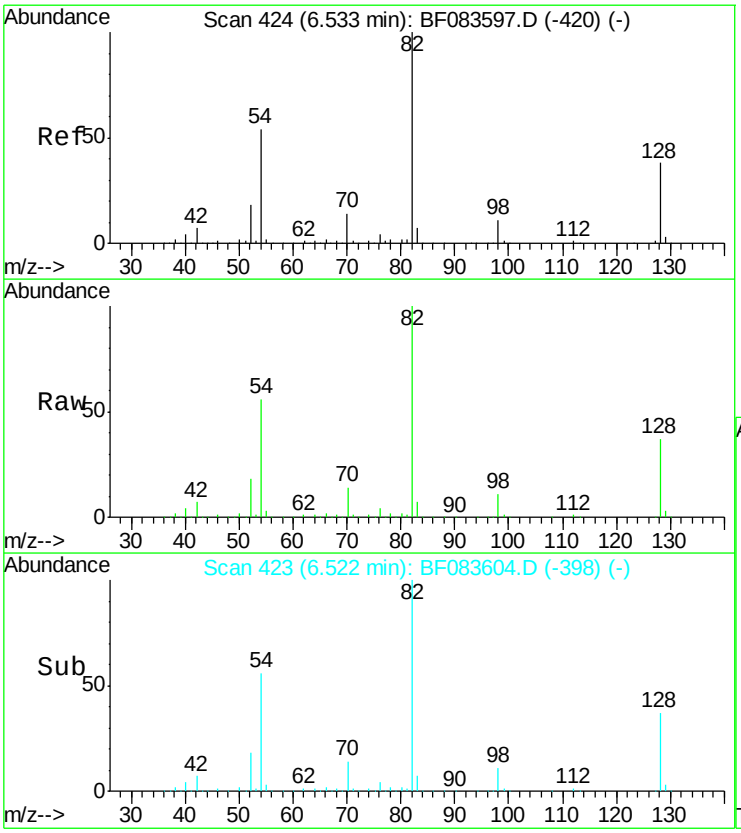
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:136 Resp: 628272

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	7.8	11.6
68	7.4	5.7	8.5

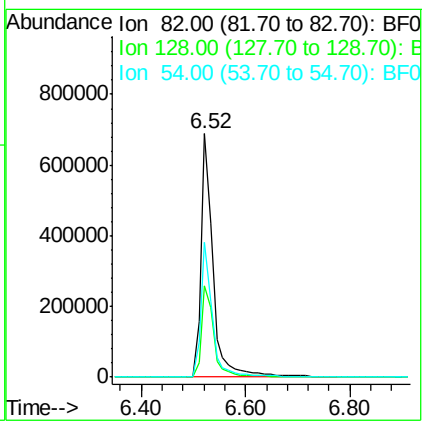


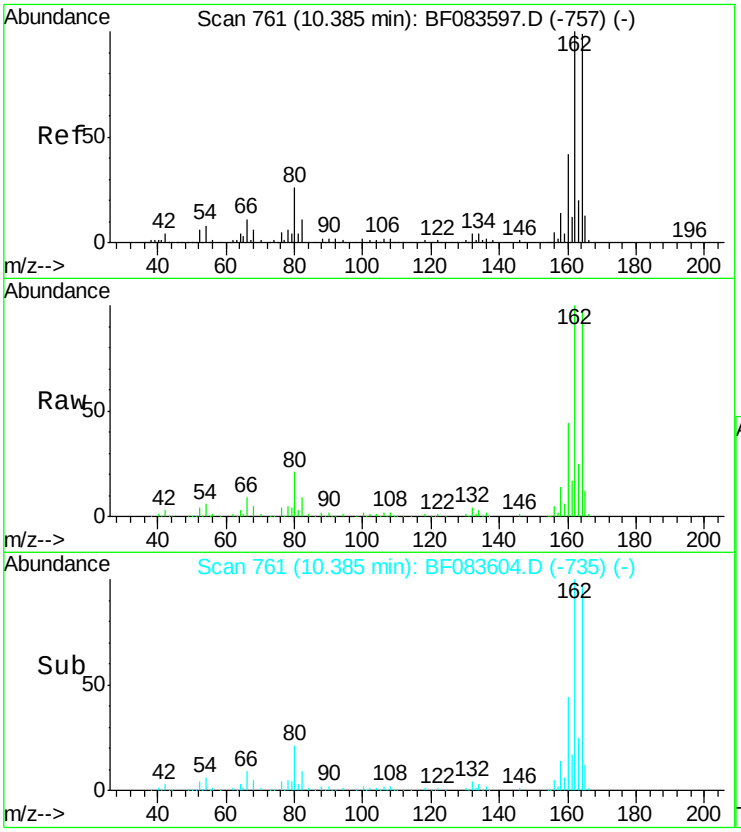


#23
Nitrobenzene-d5
Concen: 82.58 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion: 82 Resp: 1111892

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.7	46.1
54	55.6	42.5	63.7



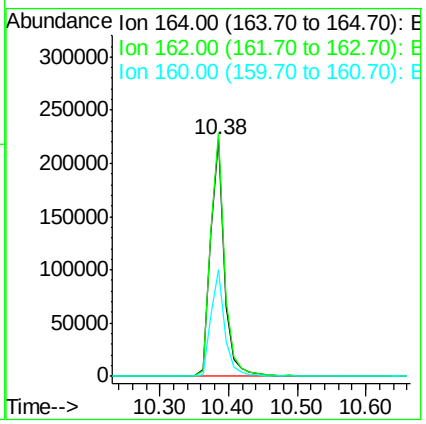


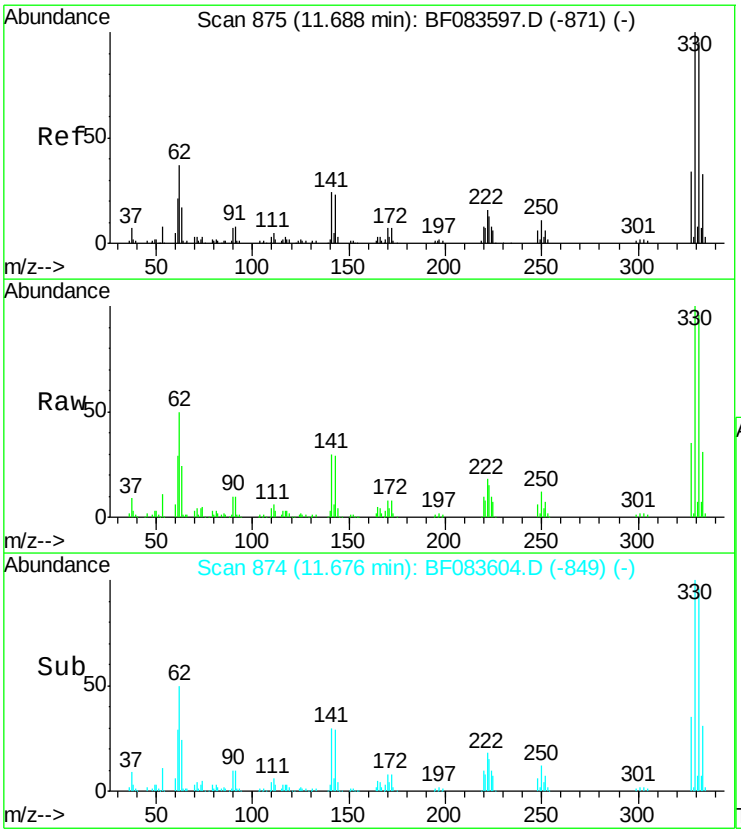
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:164 Resp: 318776

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.9	33.4	50.2

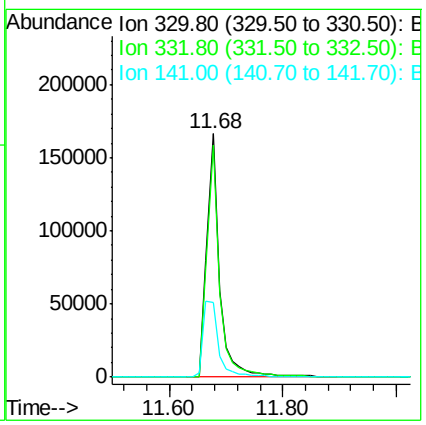


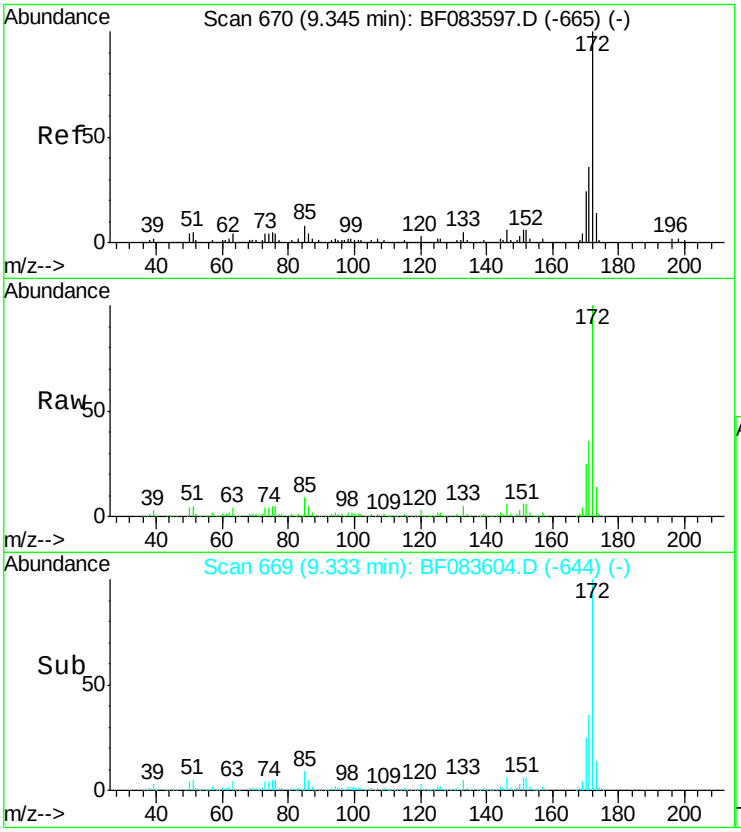


#41
2,4,6-Tribromophenol
Concen: 88.64 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:330 Resp: 251734

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	37.4	0.0	0.0#



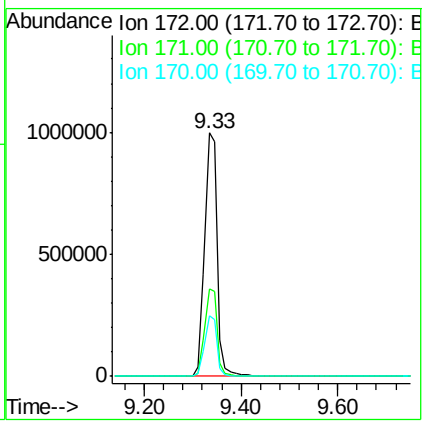


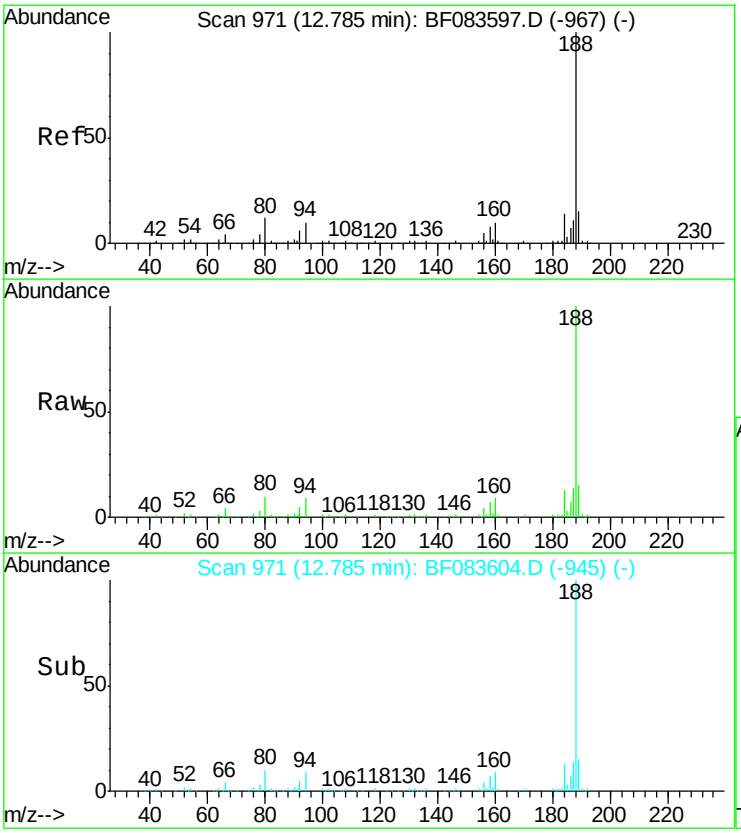
#44
2-Fluorobiphenyl
Concen: 80.74 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:172 Resp: 1828834

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.8	19.4	29.0

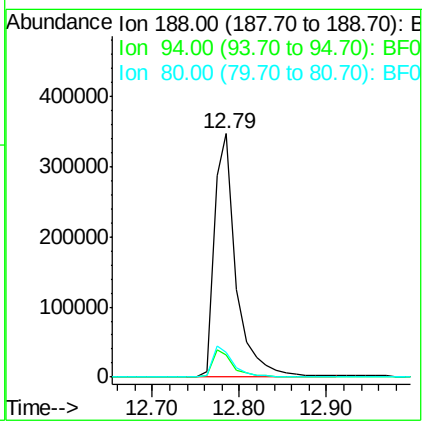


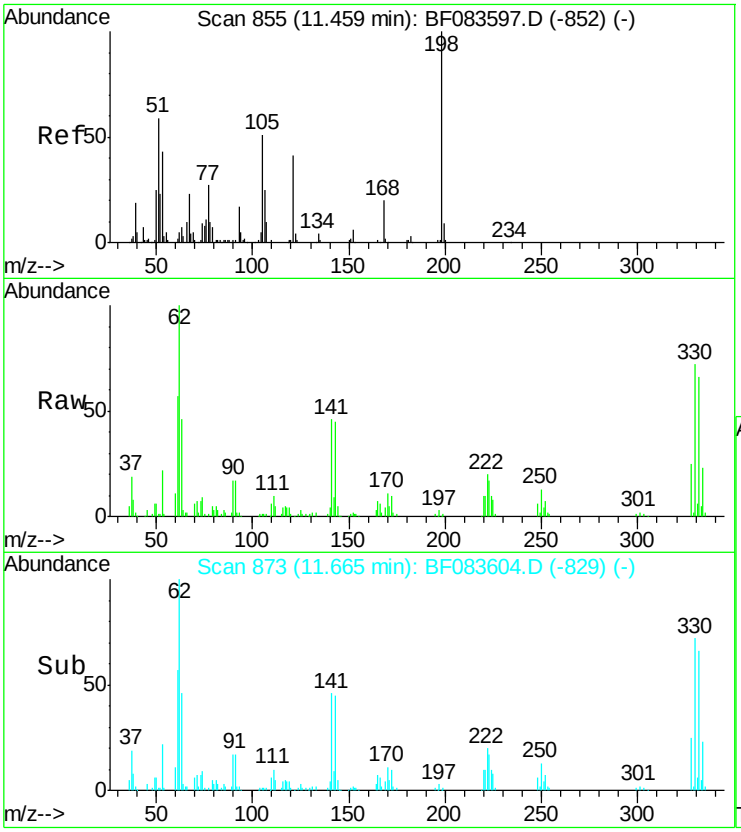


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:188 Resp: 611394

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.3	10.6	16.0#



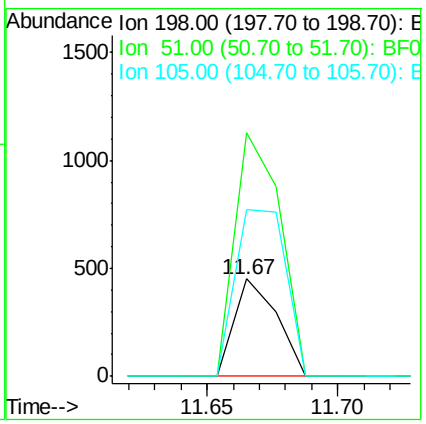


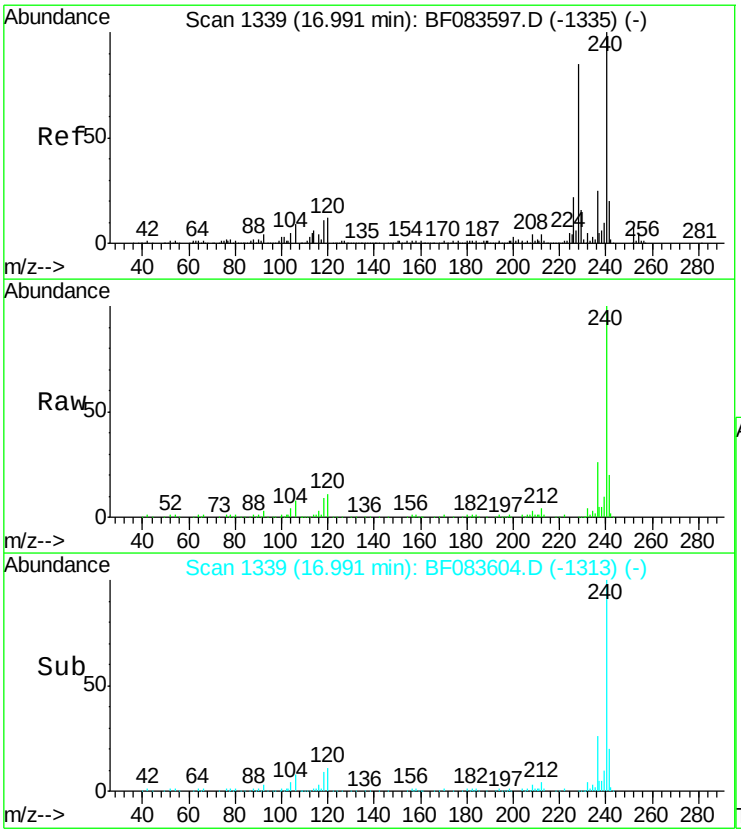
#64
4,6-Dinitro-2-methylphenol
Concen: 2.06 ng
RT: 11.67 min Scan# 873
Delta R.T. 0.21 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:198 Resp: 514

Ion	Ratio	Lower	Upper
198	100		
51	250.7	53.8	93.8#
105	171.1	38.6	78.6#

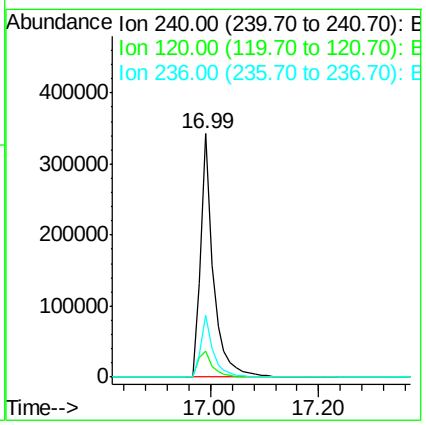


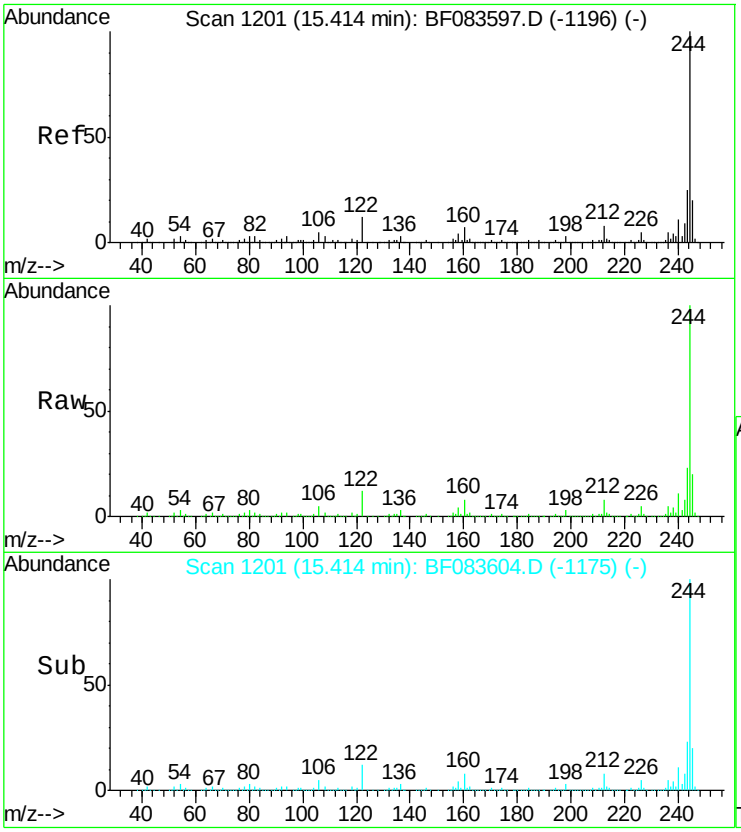


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:240 Resp: 555066

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	25.7	20.8	31.2



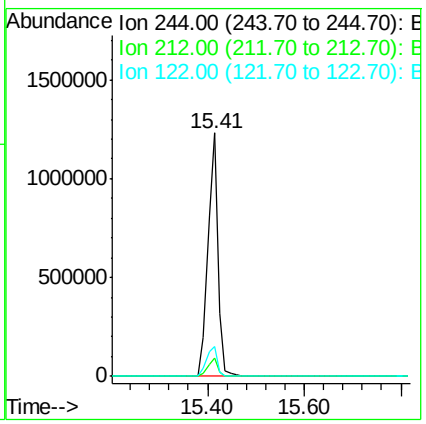


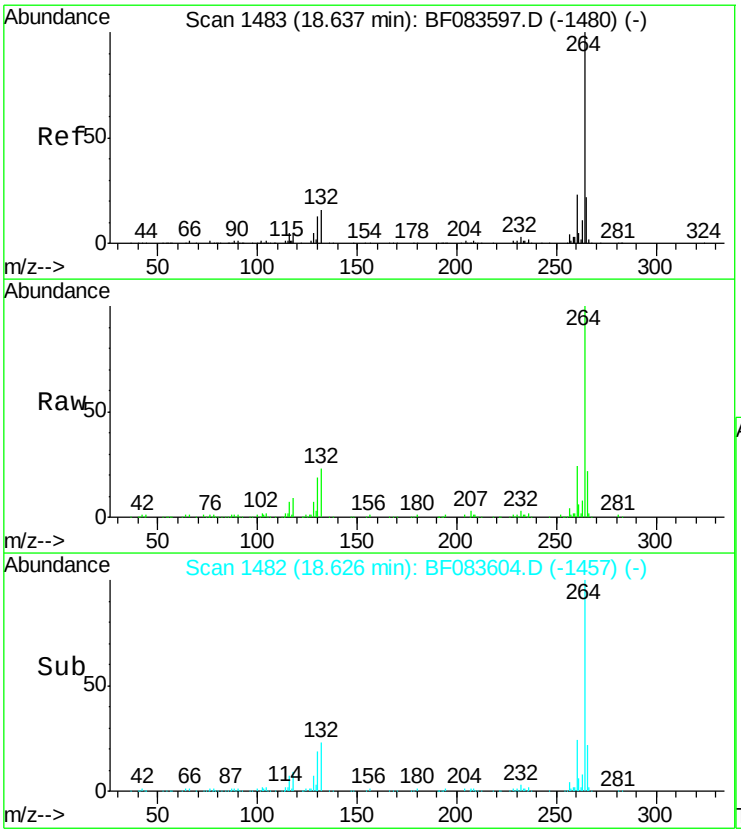
#78
Terphenyl-d14
Concen: 76.81 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Instrument :
BNA_F
ClientSampleId :
PB86955TB

Tgt Ion:244 Resp: 1812018

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.4	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083604.D
Acq: 8 Dec 2015 19:51

Tgt Ion:264 Resp: 452748

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	17.8	26.6