Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086998.D
Acq On : 14 May 2016 4:38
Operator : UM/SJ
Sample : H2966-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Time: May 14 05:26:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136146	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	536049	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	259361	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	496092	20.00	ng	0.00
75) Chrysene-d12	13.75	240	404623	20.00	ng	-0.01
86) Perylene-d12	15.11	264	298869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	508127	63.21	ng	0.00
7) Phenol-d6	6.27	99	422387	39.31	ng	-0.01
23) Nitrobenzene-d5	7.19	82	955081	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	453536	165.18	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1516411	98.26	ng	0.00
78) Terphenyl-d14	12.71	244	1467945	76.97	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	40897	2.07	ng	# 92
54) Dibenzofuran	9.85	168	40583	2.14	ng	# 90

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

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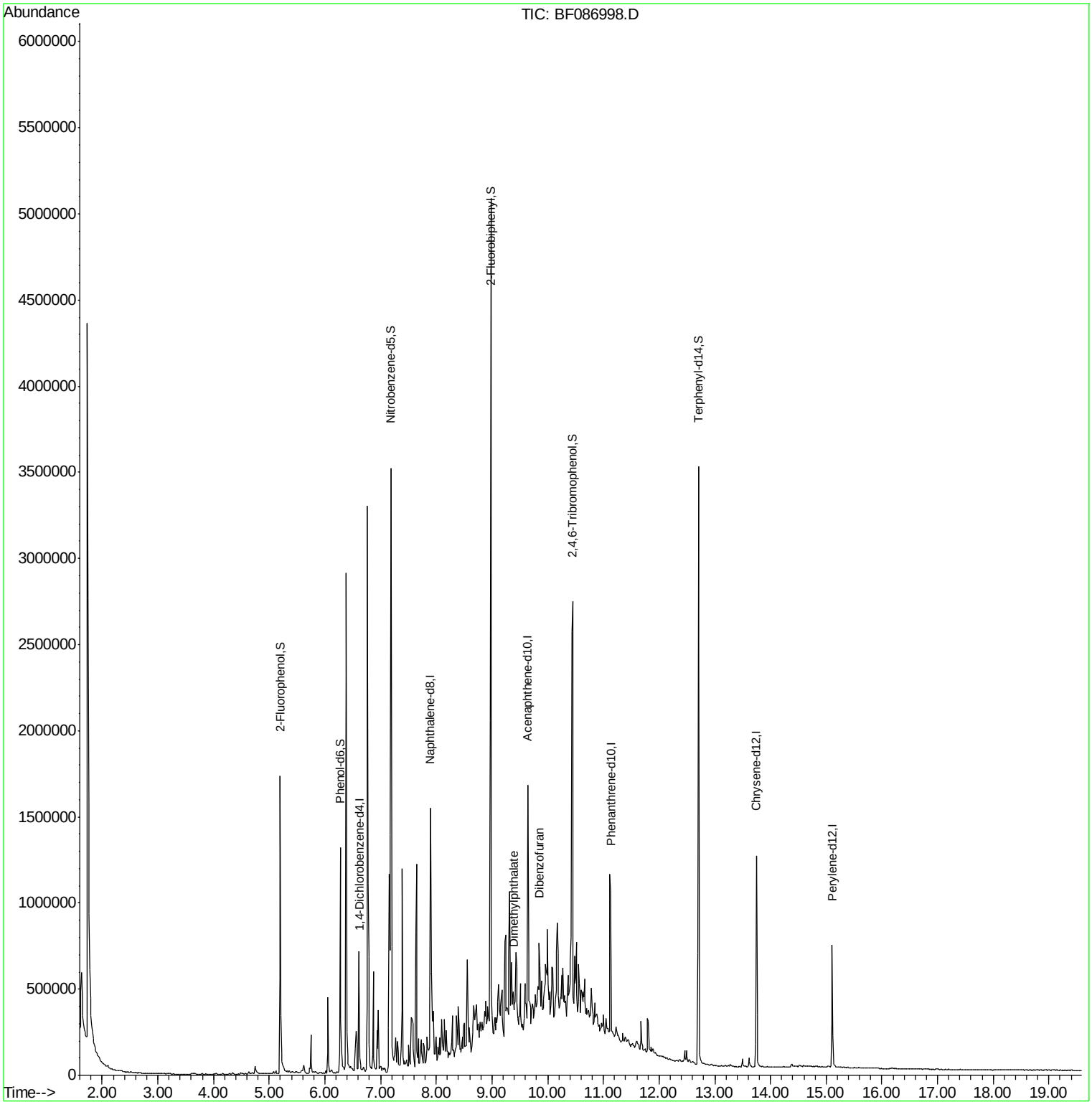
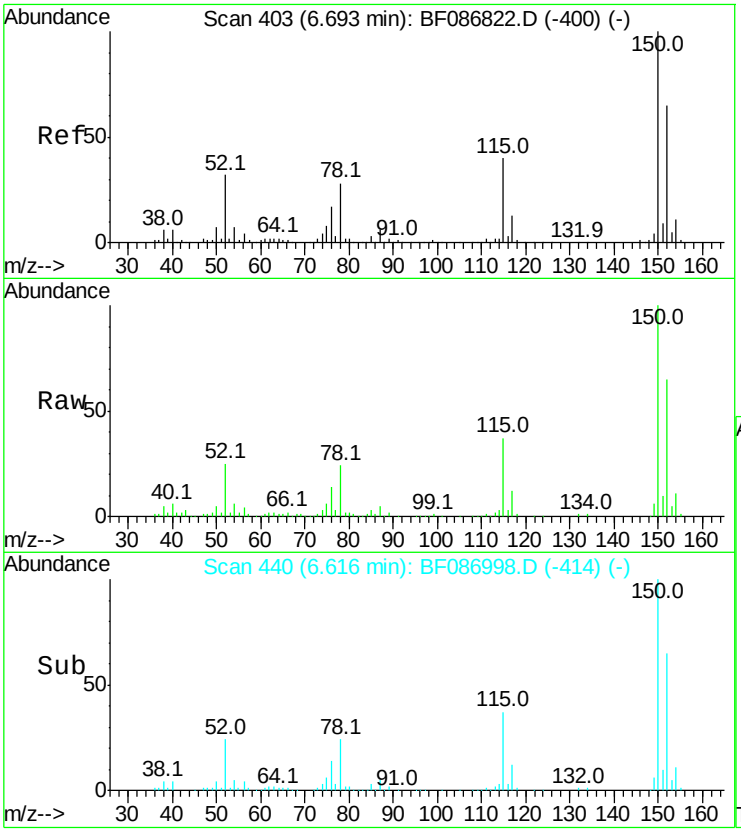


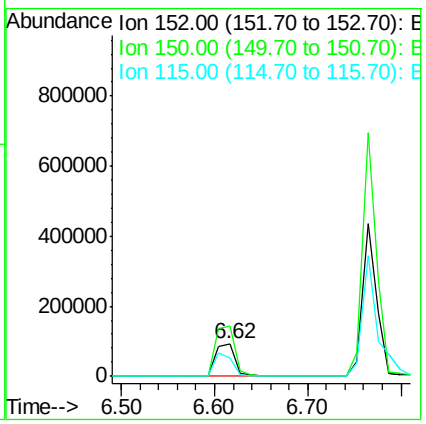


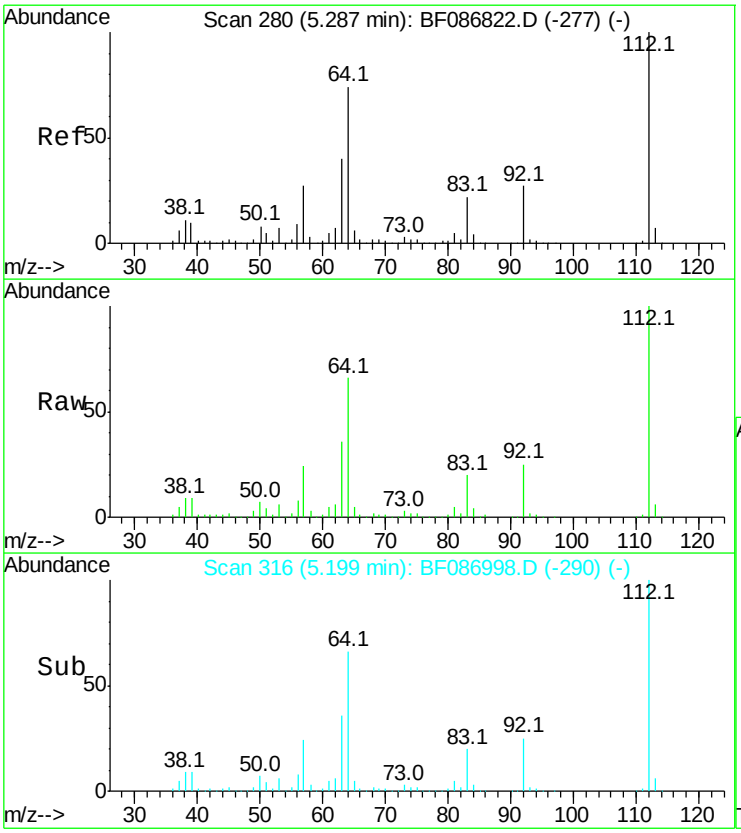
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:152 Resp: 136146

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.8	188.6
115	56.6	51.5	77.3

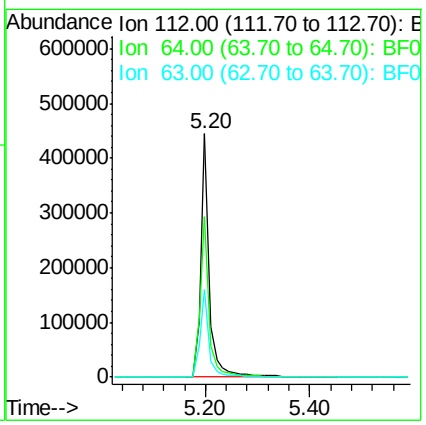


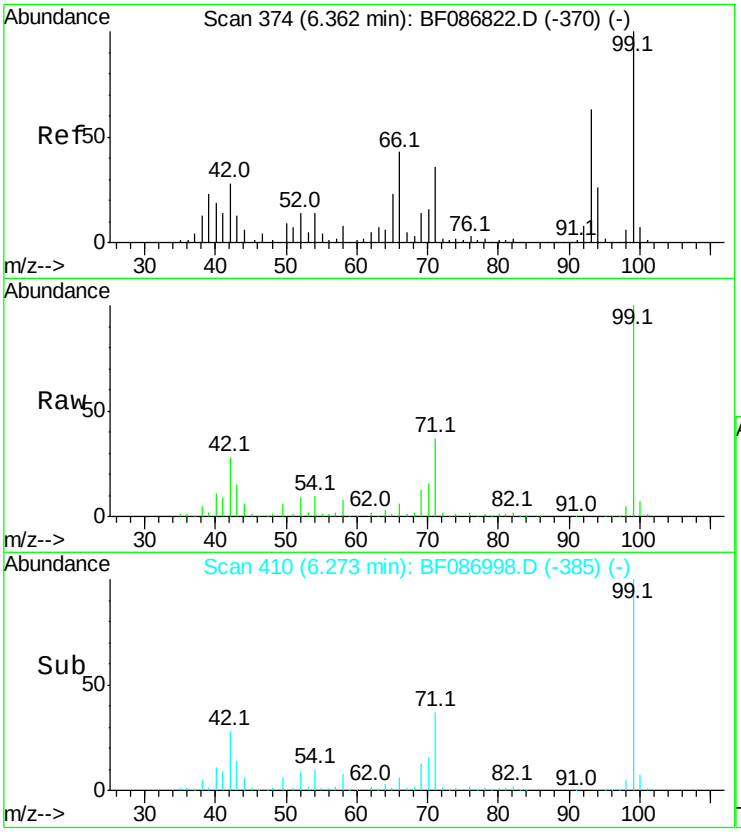


#5
2-Fluorophenol
Concen: 63.21 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:112 Resp: 508127

Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.1	78.1
63	35.8	25.7	38.5



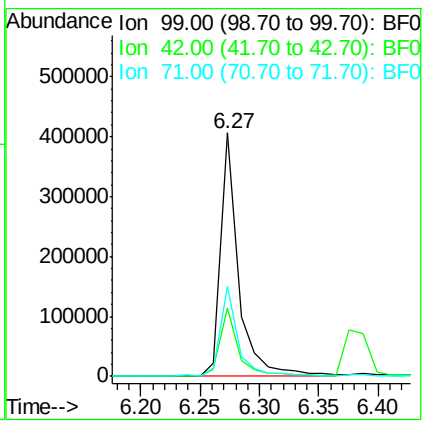


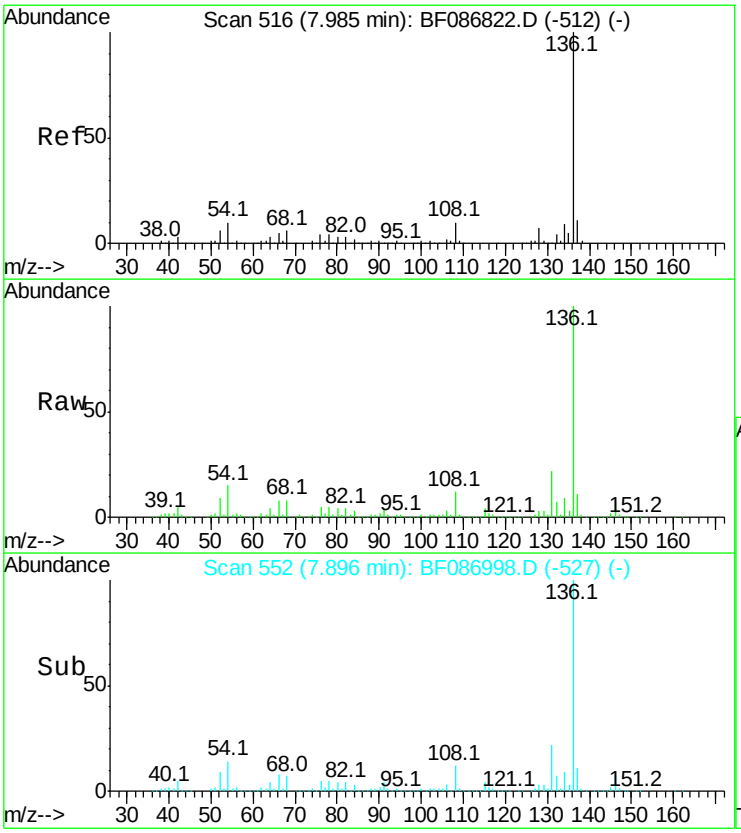
#7
Phenol-d6
Concen: 39.31 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion: 99 Resp: 422387

Ion	Ratio	Lower	Upper
99	100		
42	28.2	13.6	20.4#
71	36.8	24.6	36.8

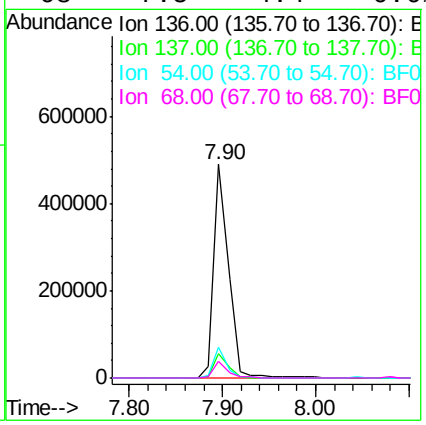


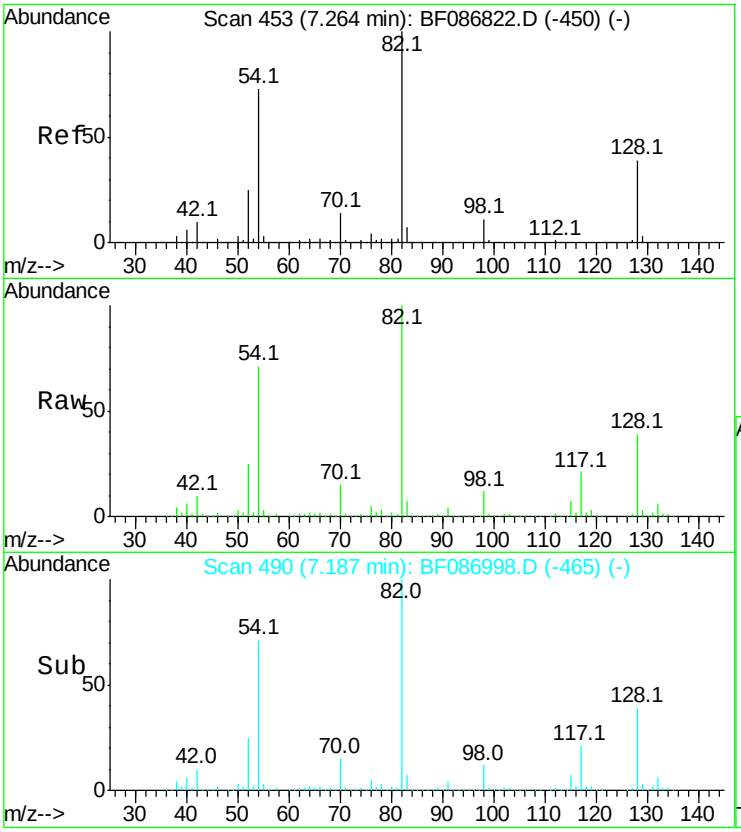


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:136 Resp: 536049

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.6	5.0	7.4#
68	7.5	4.4	6.6#

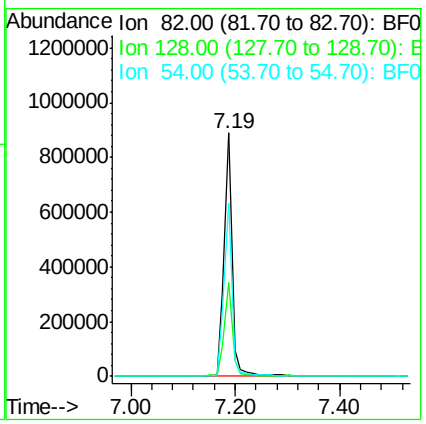




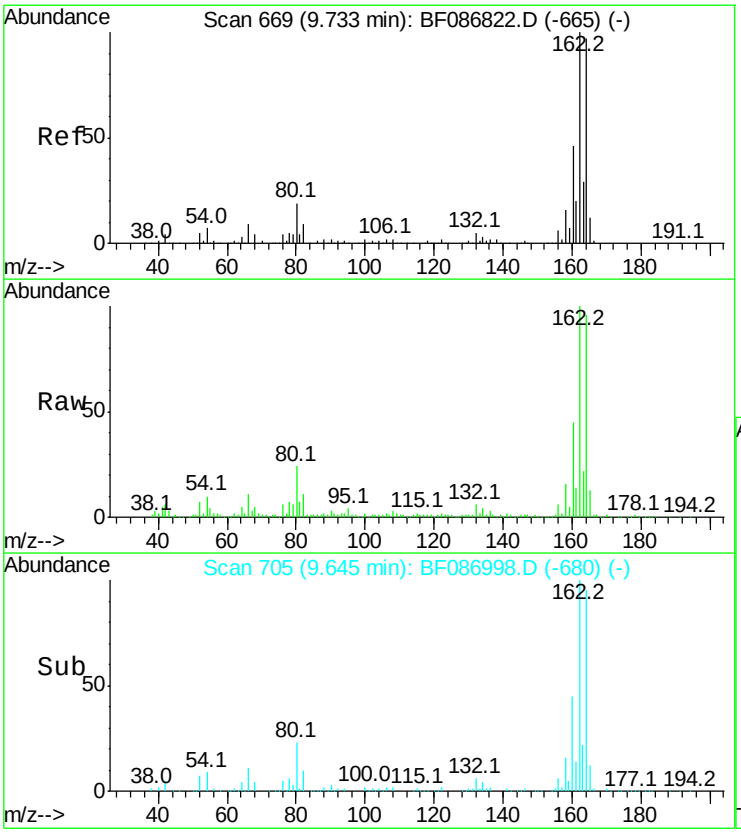
#23
Nitrobenzene-d5
Concen: 89.46 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion: 82 Resp: 955081

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	71.4	38.1	57.1#



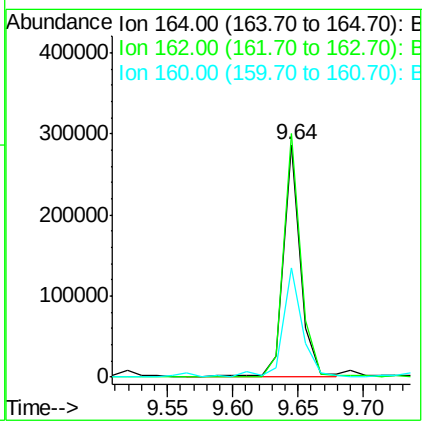
Instrument :
BNA_F
ClientSampleId :
MW-31

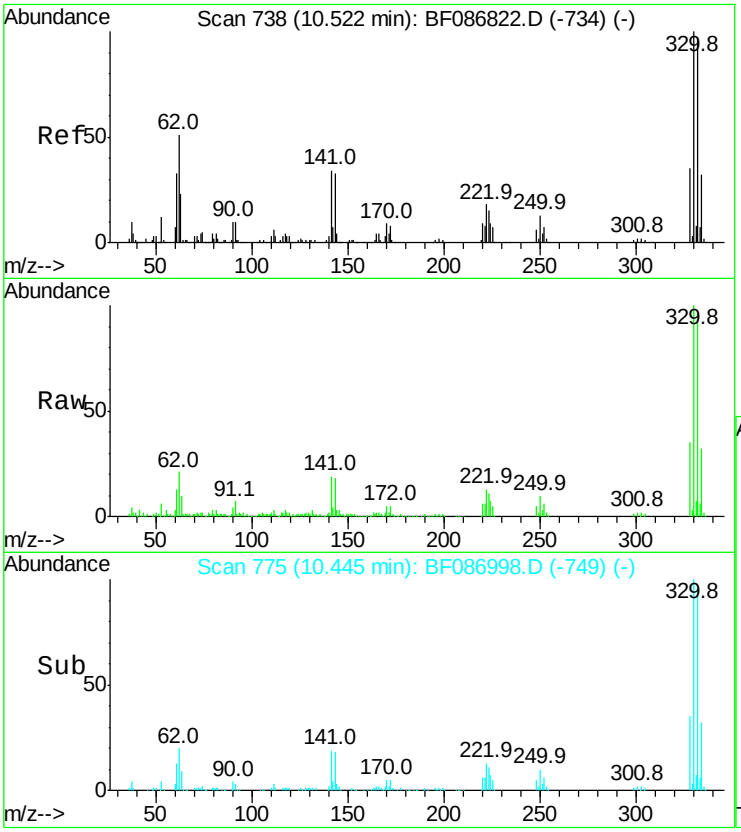


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:164 Resp: 259361

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.1	36.9	55.3



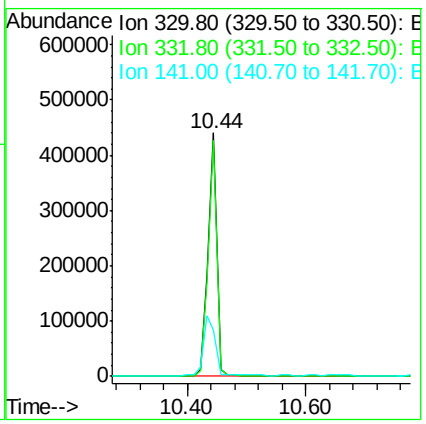


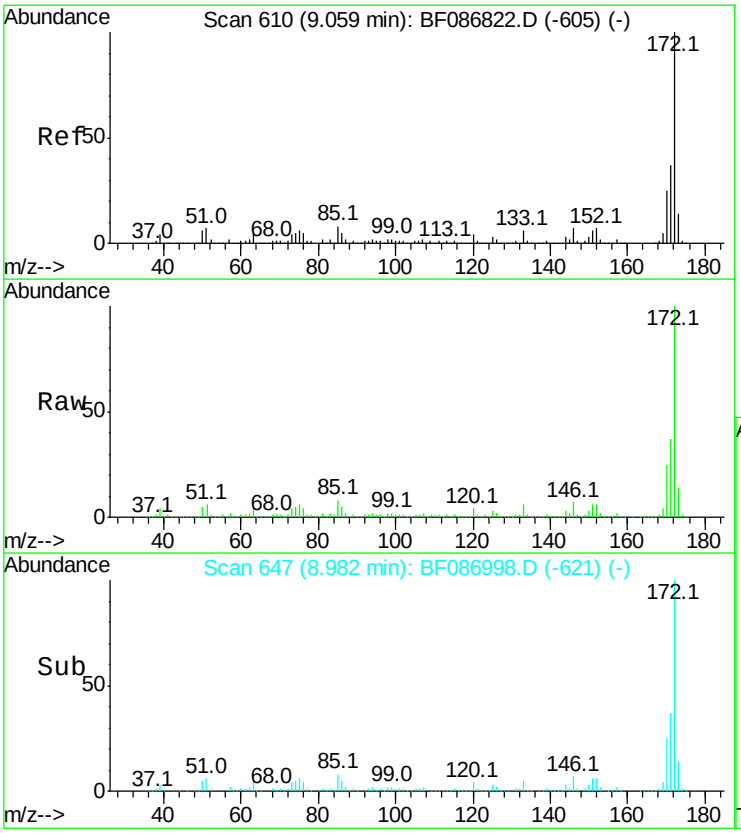
#41
2,4,6-Tribromophenol
Concen: 165.18 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:330 Resp: 453536

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	32.5	31.2	46.8

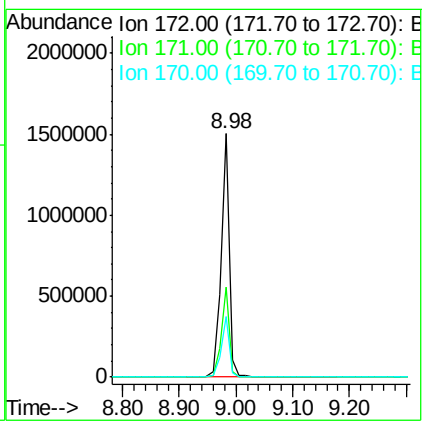


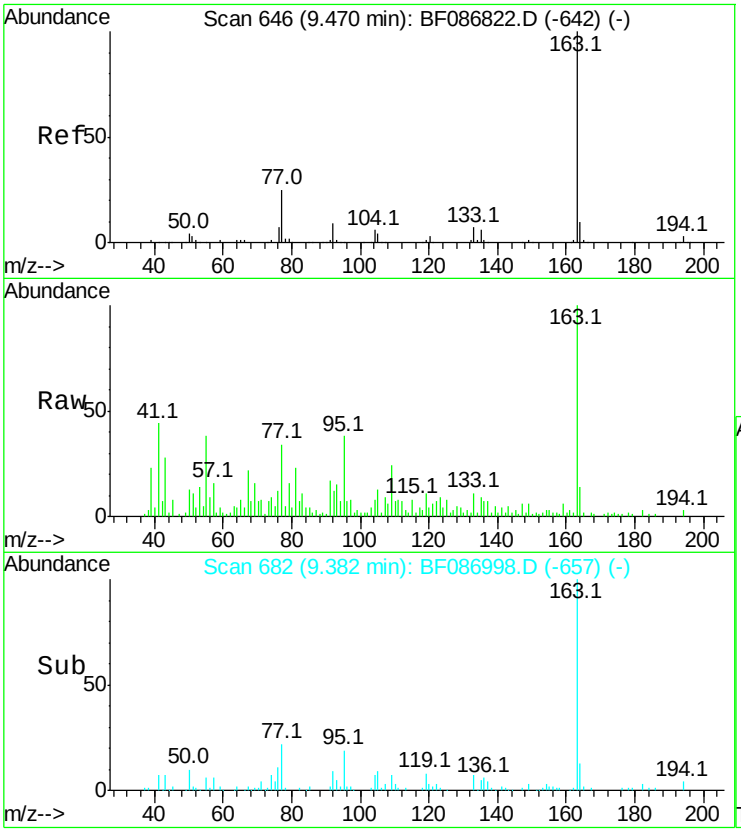


#44
2-Fluorobiphenyl
Concen: 98.26 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:172 Resp: 1516411

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	19.8	29.8



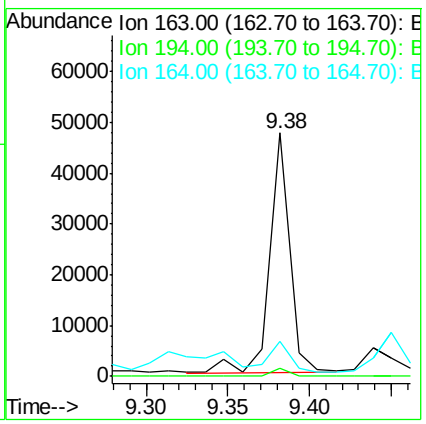


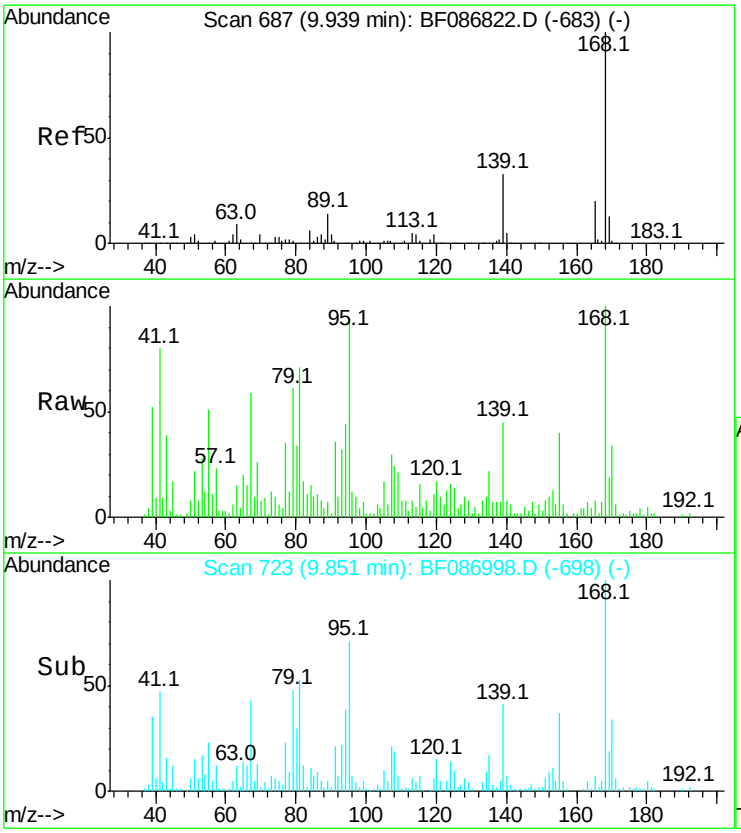
#49
Dimethylphthalate
Concen: 2.07 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:163 Resp: 40897

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	14.2	8.2	12.4#

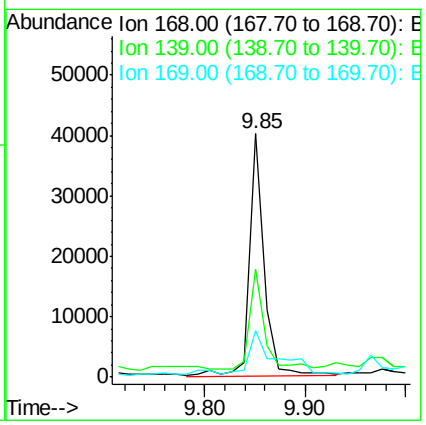


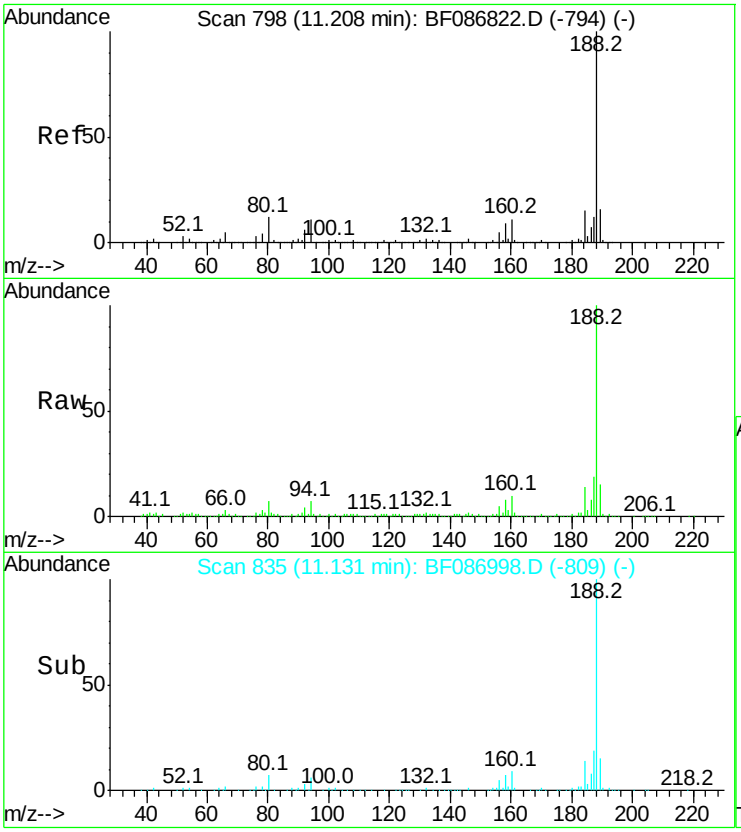


#54
Dibenzofuran
Concen: 2.14 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:168 Resp: 40583

Ion	Ratio	Lower	Upper
168	100		
139	44.5	31.4	47.0
169	19.2	10.7	16.1#



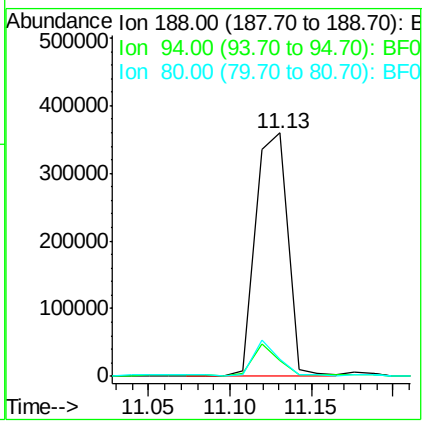


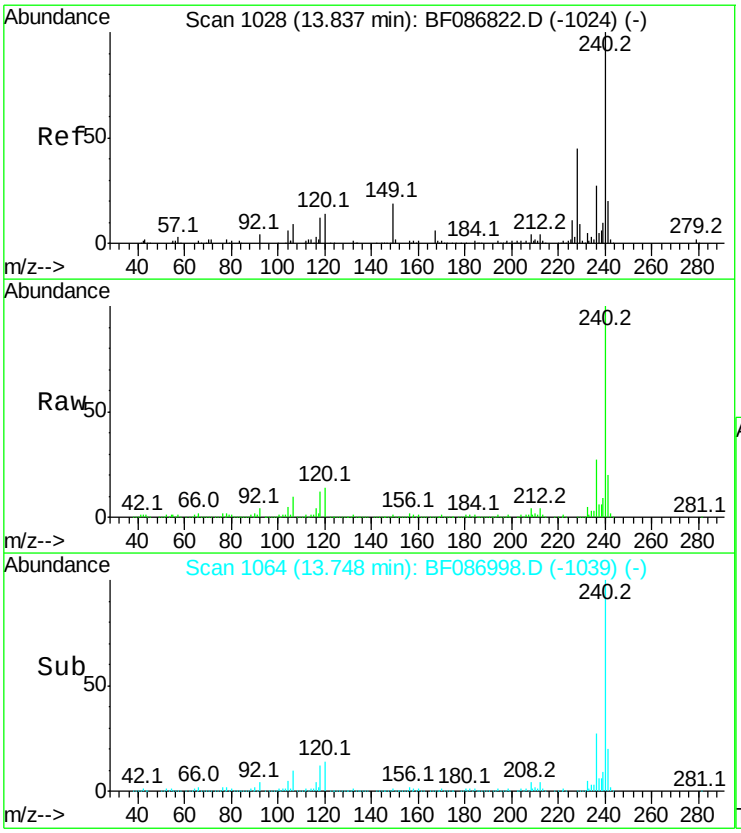
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:188 Resp: 496092

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.8	10.2#
80	7.0	7.1	10.7#

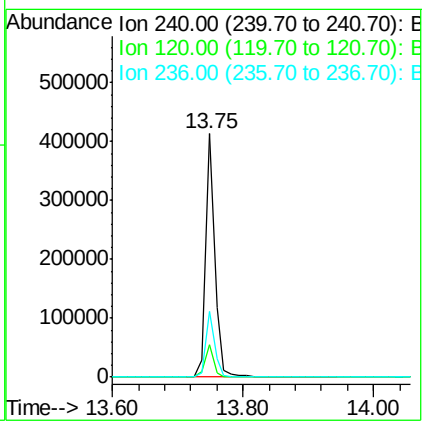


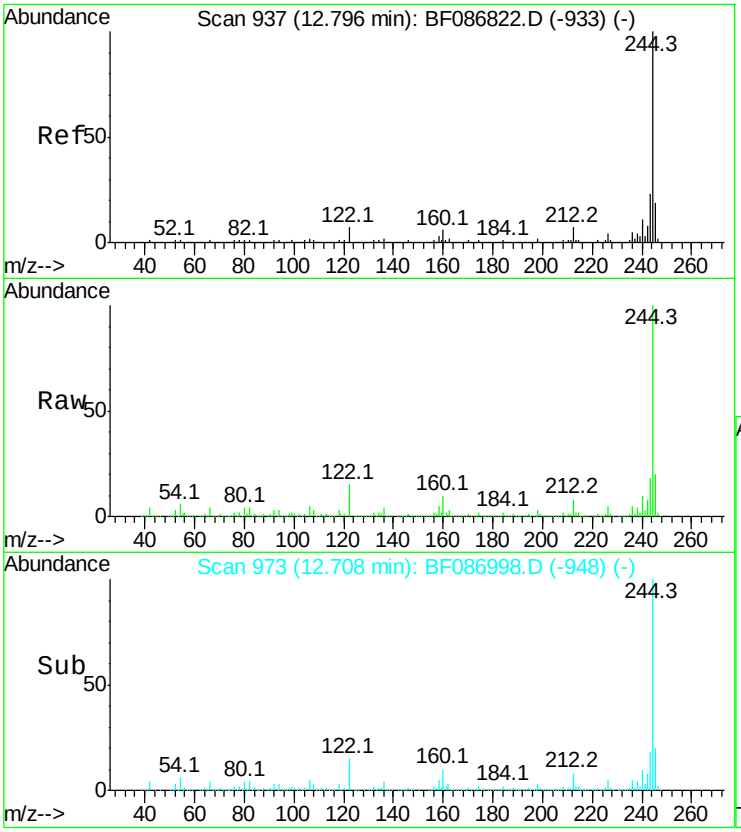


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:240 Resp: 404623

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	26.8	21.2	31.8



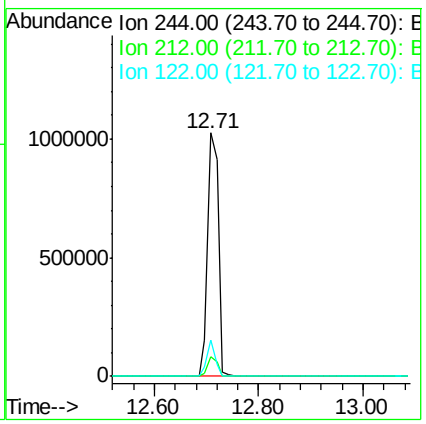


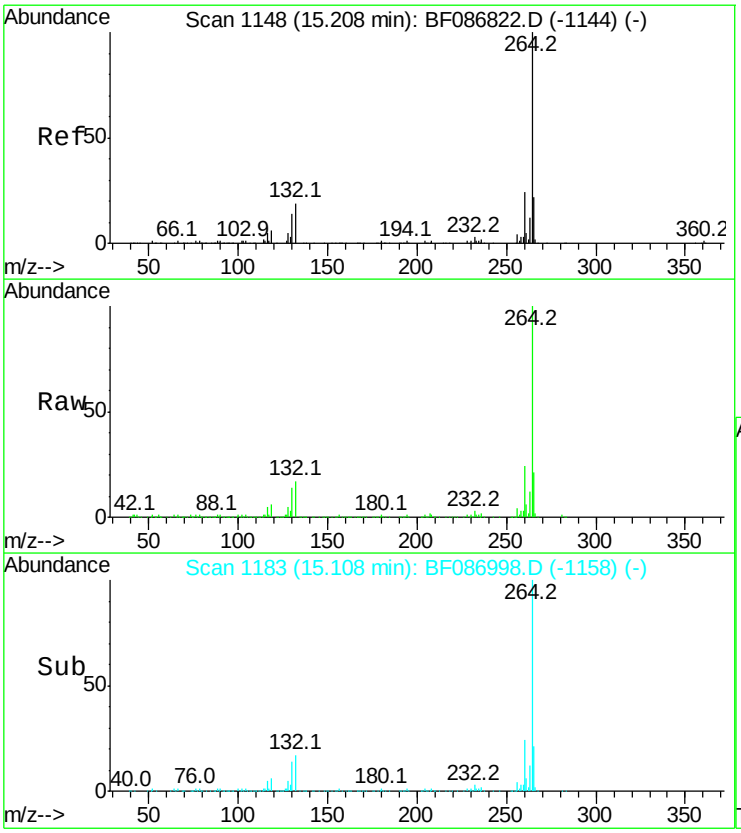
#78
Terphenyl-d14
Concen: 76.97 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion:244 Resp: 1467945

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086998.D
Acq: 14 May 2016 4:38

Tgt Ion:264 Resp: 298869

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9