Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087774.D
Acq On : 7 Jun 2016 4:27
Operator : UM/SJ
Sample : H3344-06DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15DL

Quant Time: Jun 07 09:14:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	101287	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	388855	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	155211	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	263948	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	204569	20.00	ng	-0.02
86) Perylene-d12	15.43	264	151314	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	250577	39.99	ng	-0.01
7) Phenol-d6	6.47	99	186568	23.74	ng	-0.02
23) Nitrobenzene-d5	7.42	82	353522	52.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	110657	71.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	600119	52.91	ng	-0.02
78) Terphenyl-d14	12.95	244	443566	52.91	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.16	128	1058780	56.00	ng	100
48) Acenaphthylene	9.75	152	56921	3.64	ng	98

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

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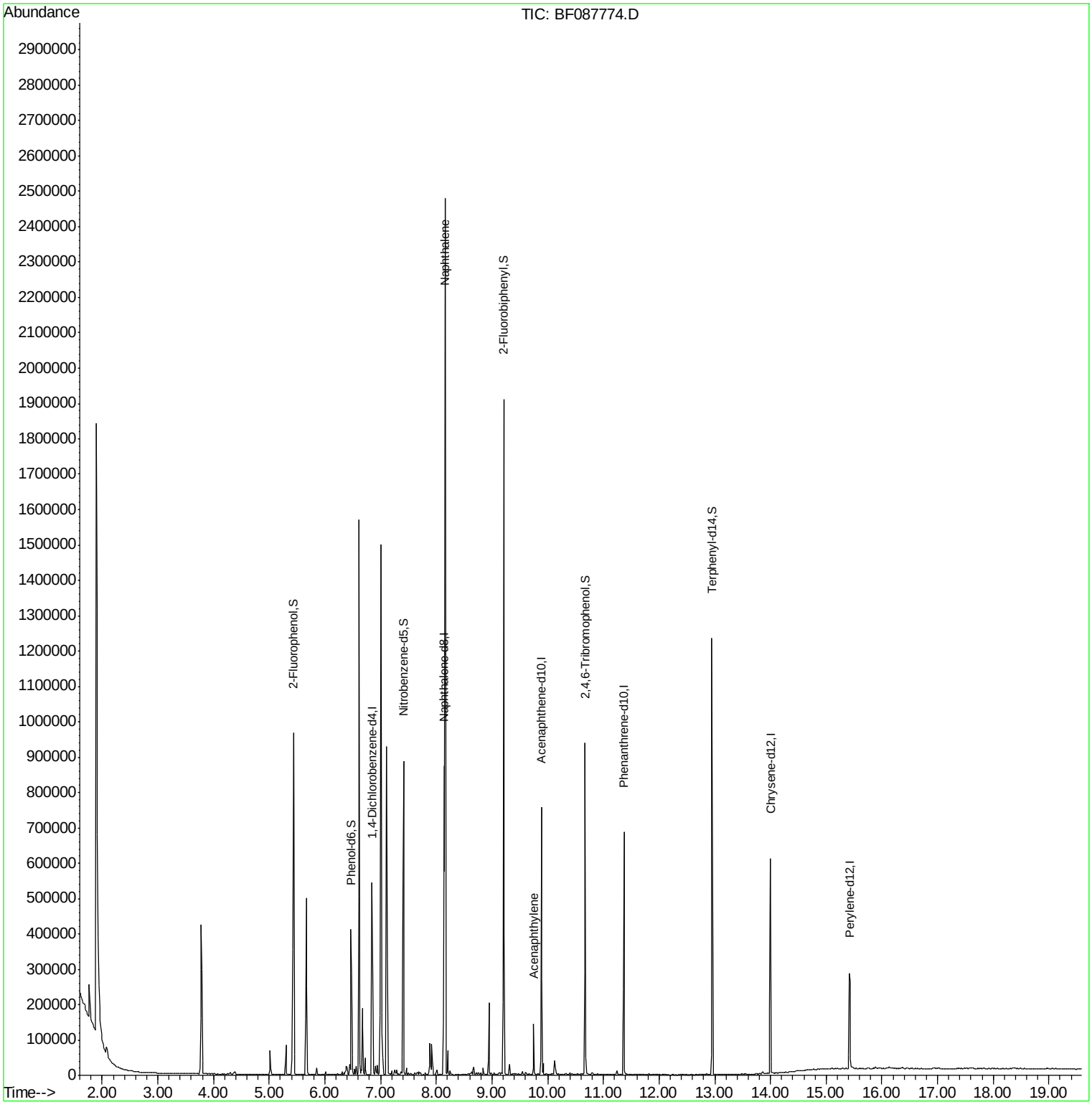
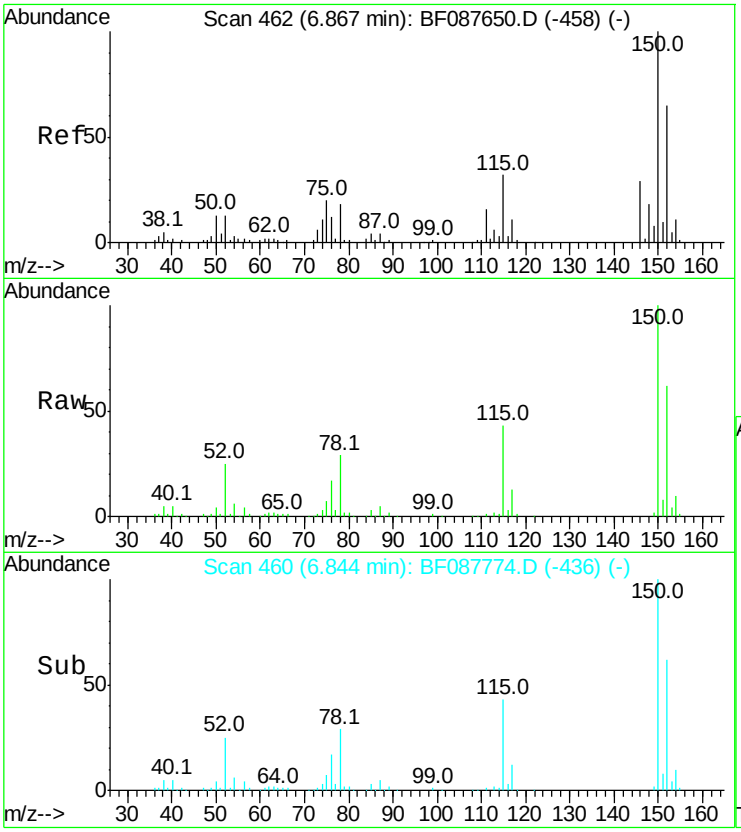


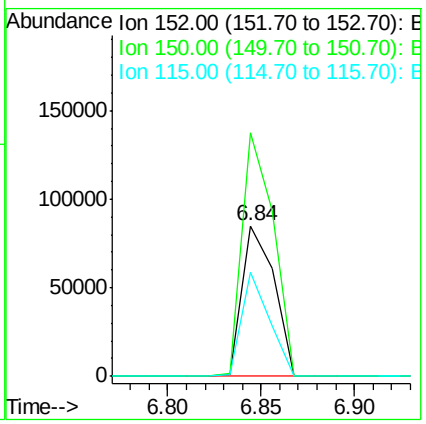


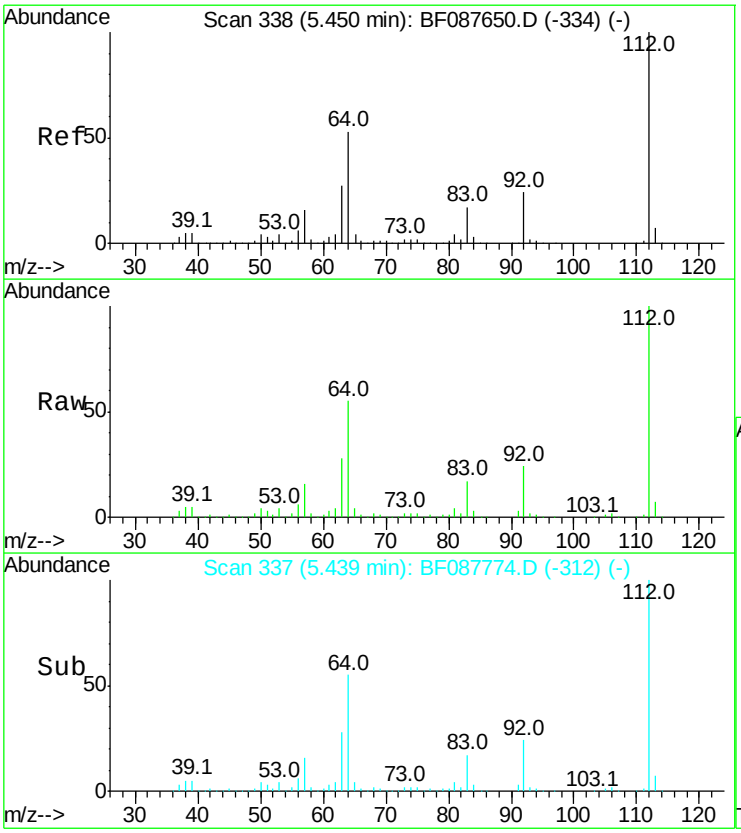
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:152 Resp: 101287

Ion	Ratio	Lower	Upper
152	100		
150	161.9	123.8	185.6
115	68.9	39.6	59.4#

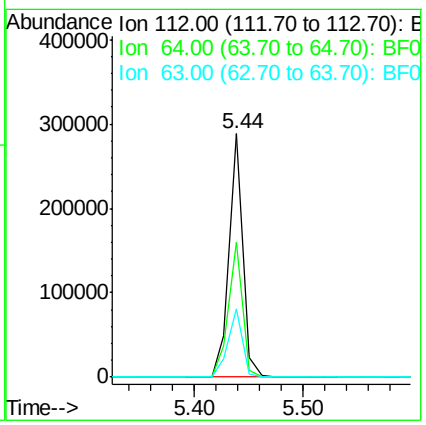


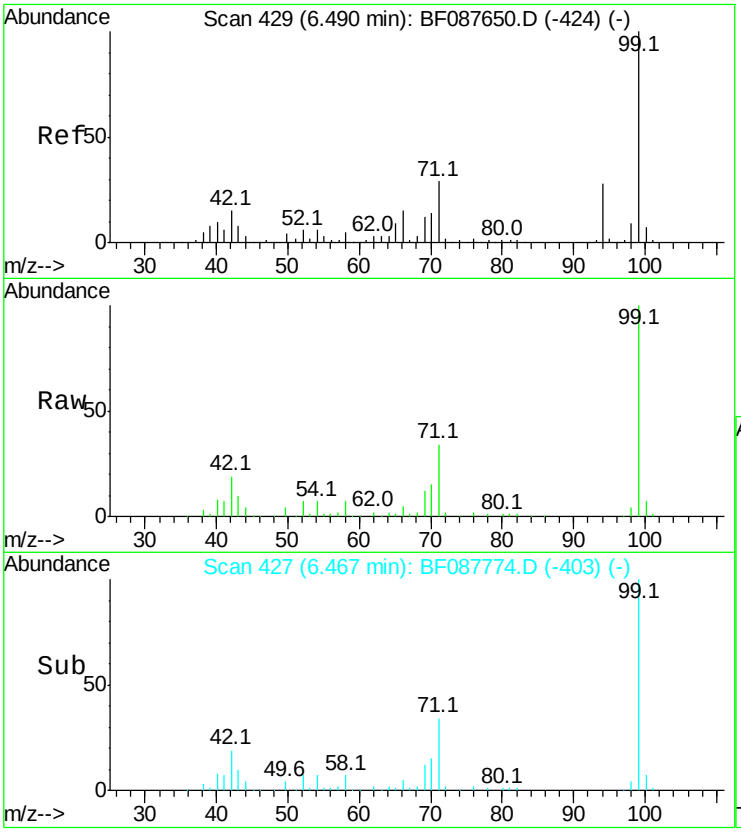


#5
2-Fluorophenol
Concen: 39.99 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:112 Resp: 250577

Ion	Ratio	Lower	Upper
112	100		
64	55.3	42.2	63.2
63	28.1	21.8	32.8



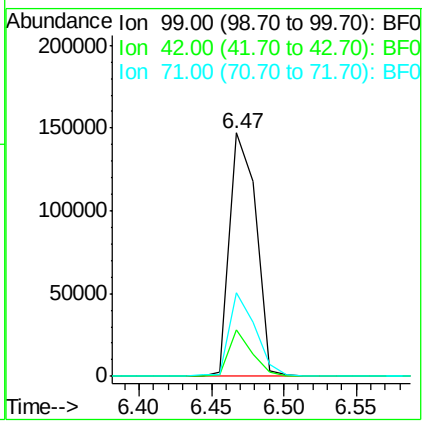


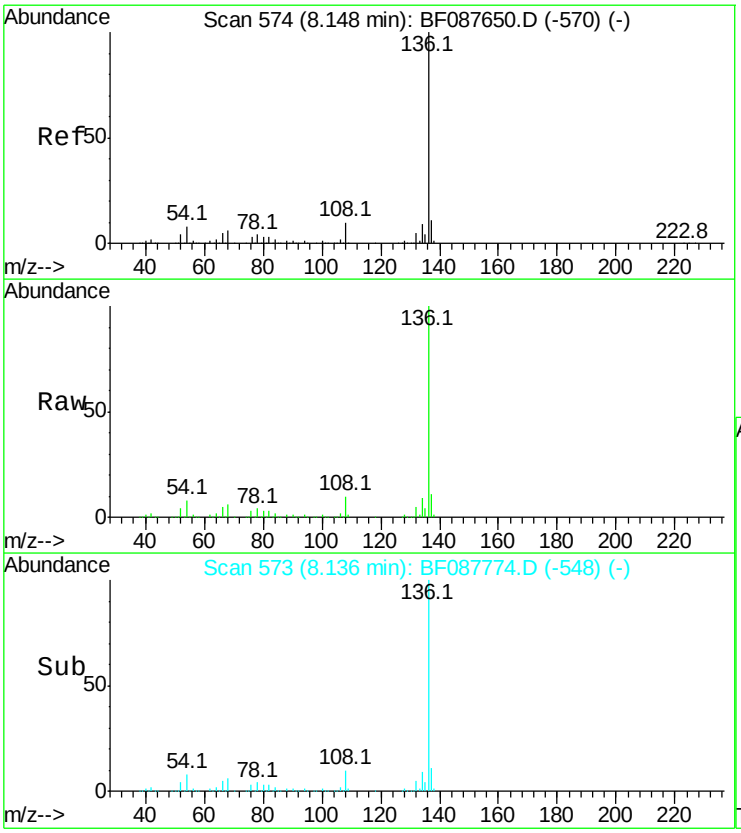
#7
Phenol-d6
Concen: 23.74 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion: 99 Resp: 186568

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.2	18.2#
71	34.4	23.4	35.0

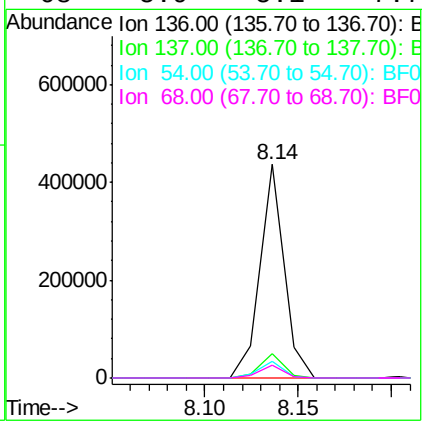


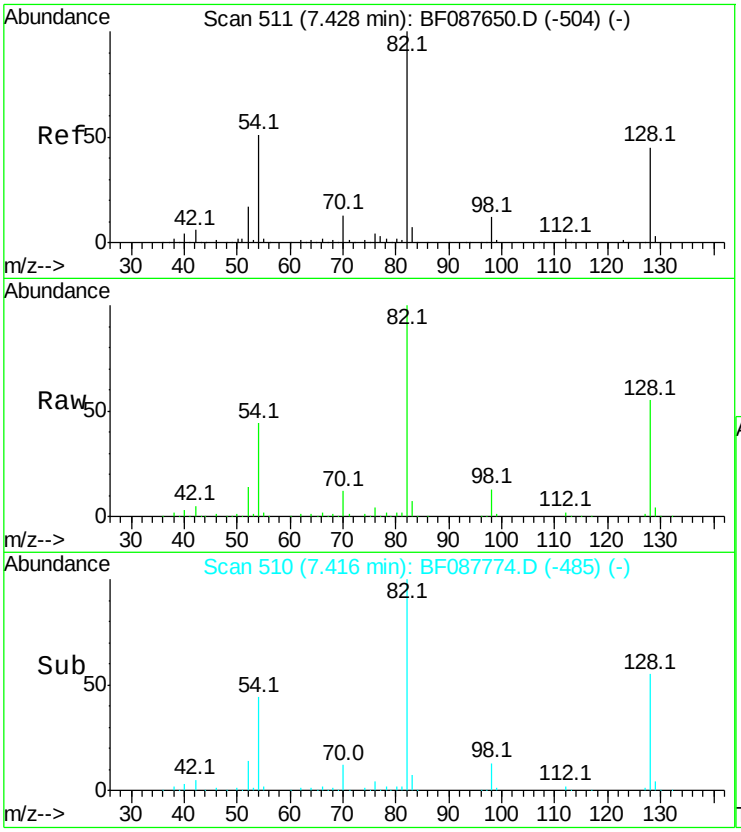


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:136 Resp: 388855

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.6	6.6	10.0
68	5.9	5.1	7.7



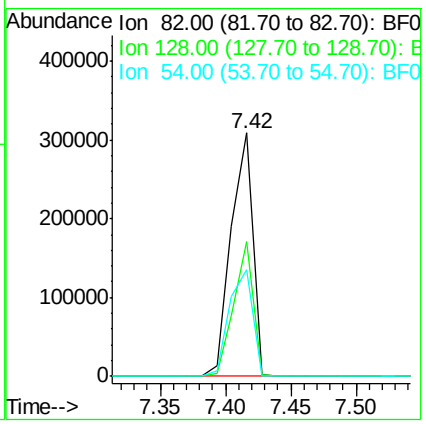


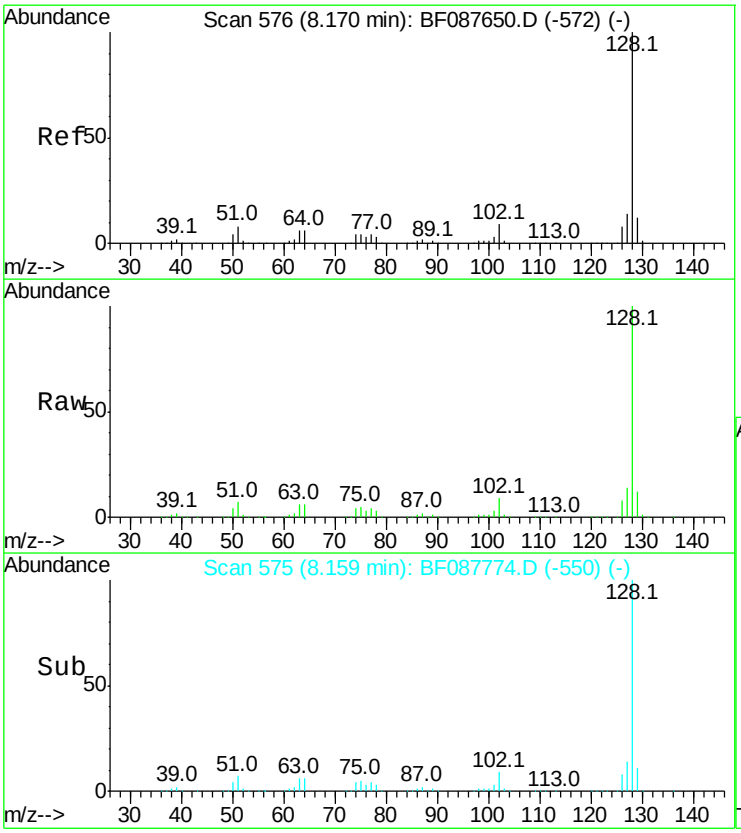
#23
Nitrobenzene-d5
Concen: 52.60 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion: 82 Resp: 353522

Ion	Ratio	Lower	Upper
82	100		
128	55.3	35.9	53.9#
54	43.5	40.9	61.3

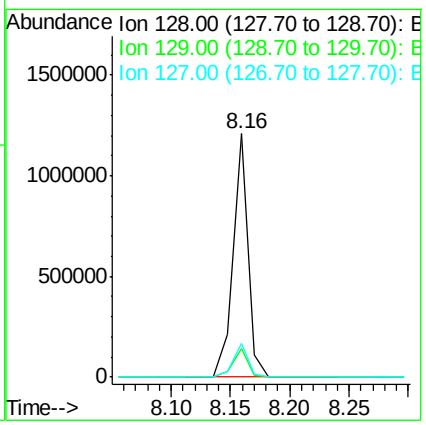


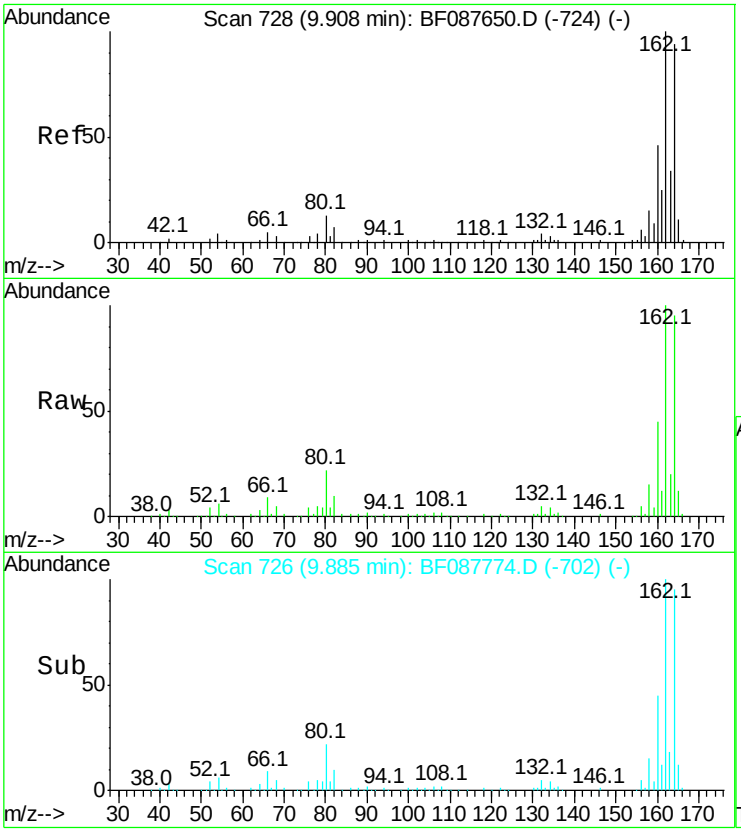


#31
Naphthalene
Concen: 56.00 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:128 Resp: 1058780

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.7	10.9	16.3



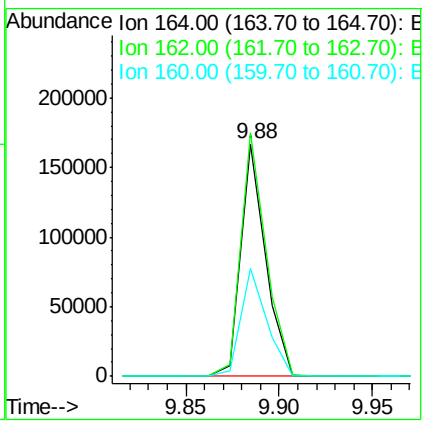


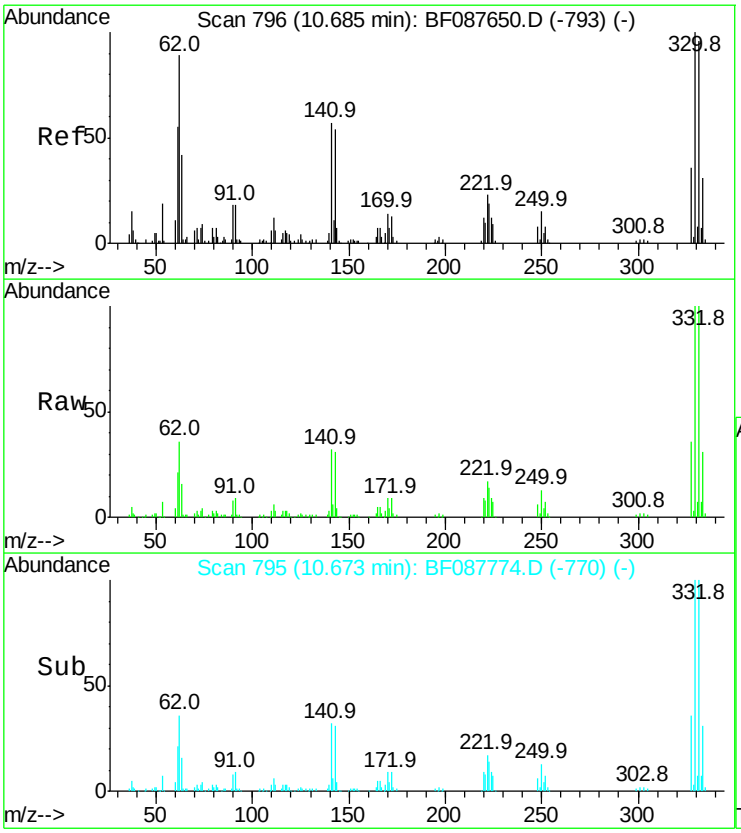
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:164 Resp: 155211

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	46.7	39.5	59.3

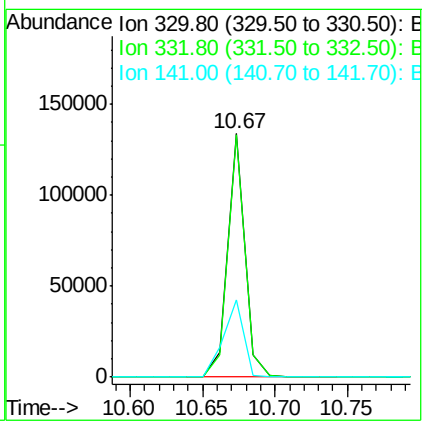


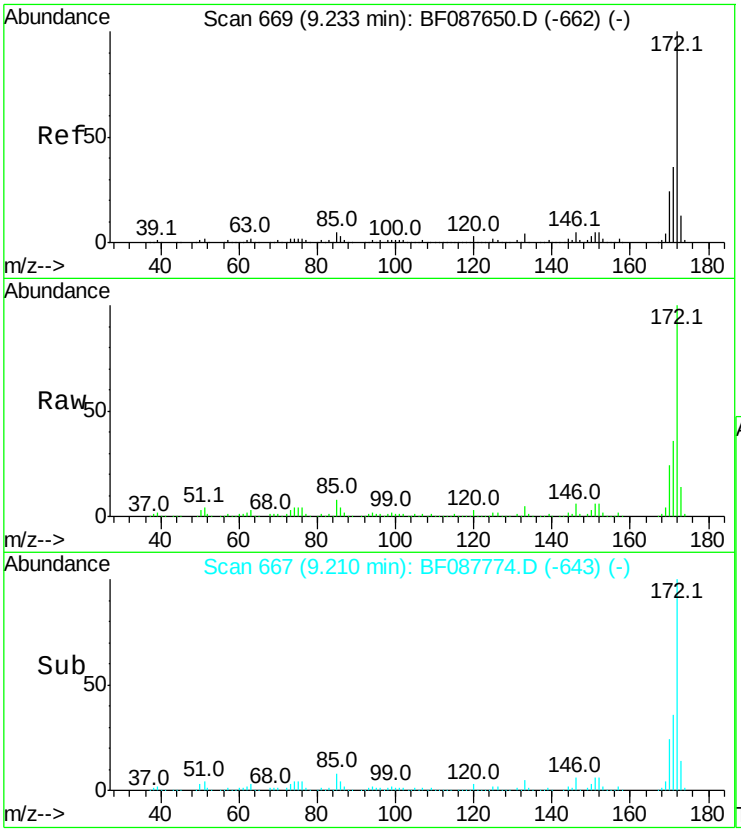


#41
2,4,6-Tribromophenol
Concen: 71.02 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:330 Resp: 110657

Ion	Ratio	Lower	Upper
330	100		
332	99.3	0.0	0.0#
141	37.2	0.0	0.0#



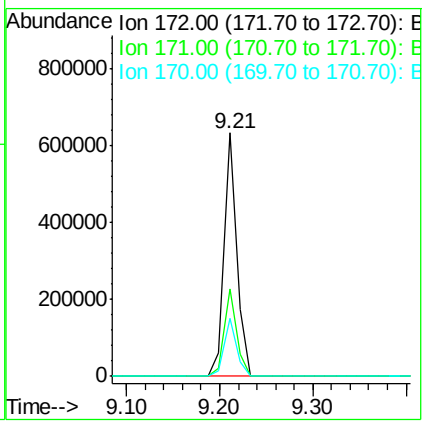


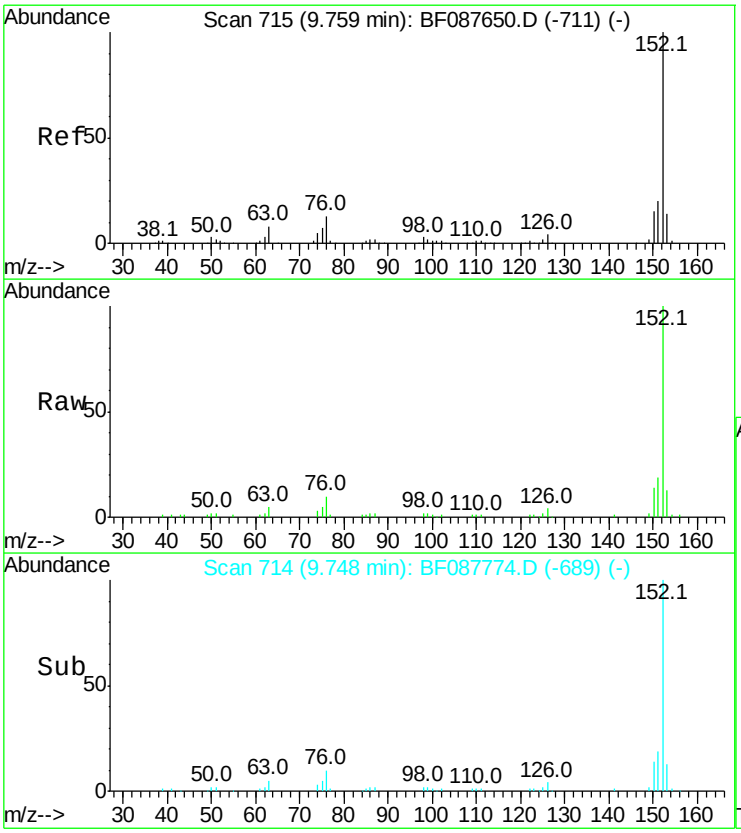
#44
2-Fluorobiphenyl
Concen: 52.91 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:172 Resp: 600119

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8

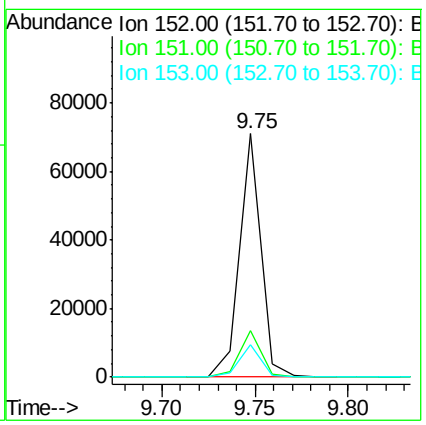


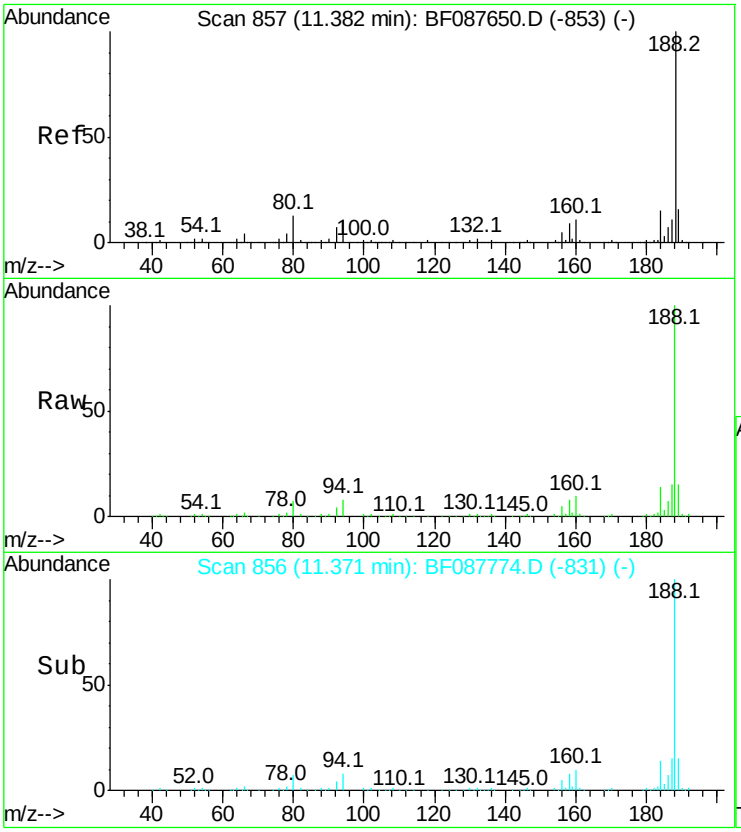


#48
Acenaphthylene
Concen: 3.64 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:152 Resp: 56921

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	13.2	11.0	16.6



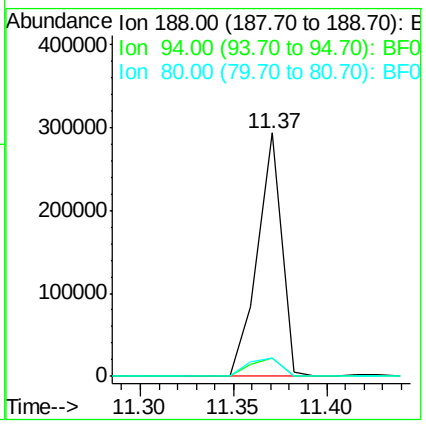


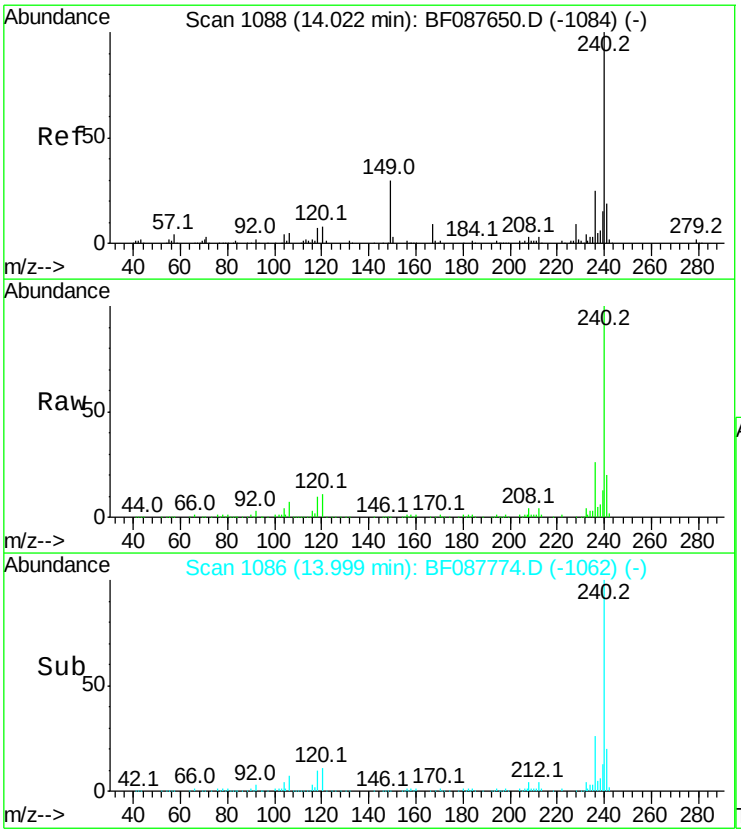
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:188 Resp: 263948

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.5	10.0	15.0#

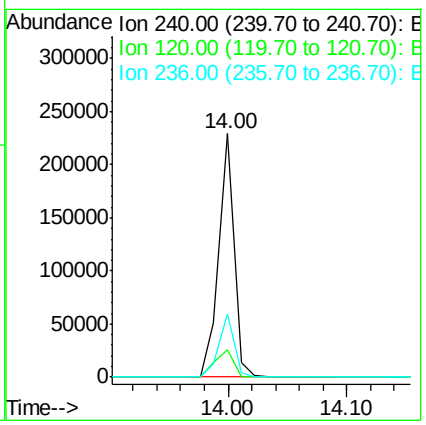


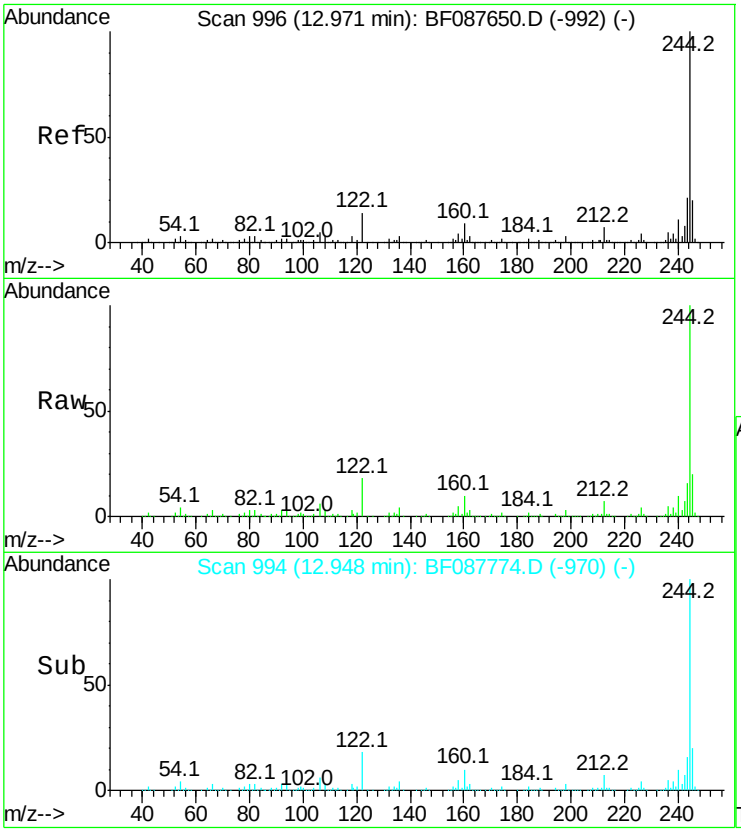


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:240 Resp: 204569

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.8	10.2#
236	25.7	20.2	30.2



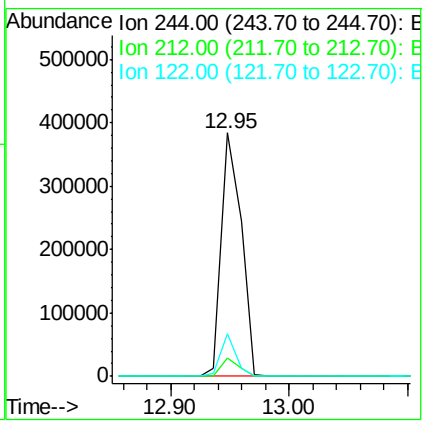


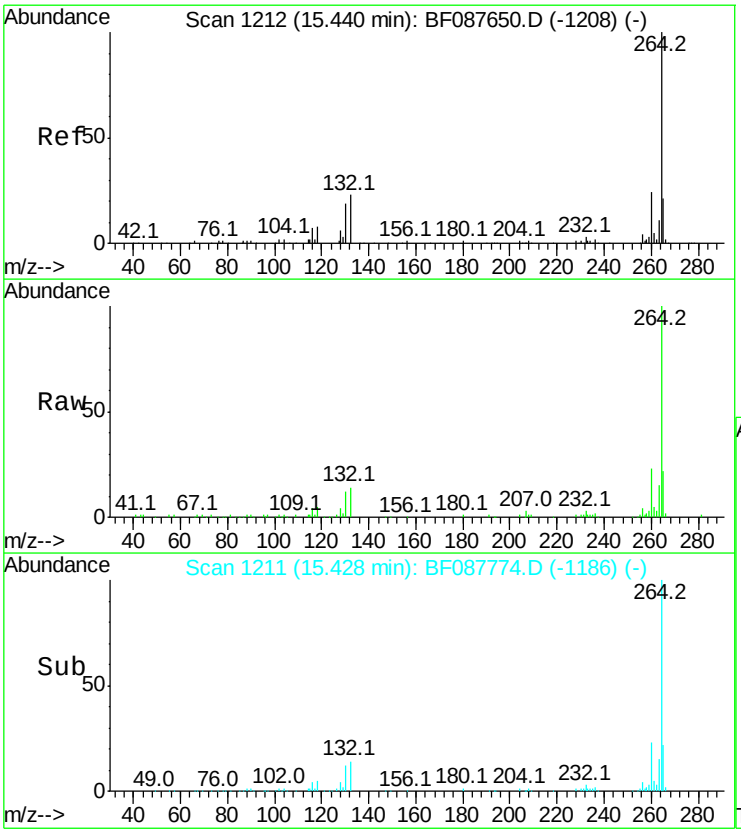
#78
Terphenyl-d14
Concen: 52.91 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:244 Resp: 443566

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	17.5	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:264 Resp: 151314

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	16.9	25.3