Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087017.D
Acq On : 14 May 2016 13:47
Operator : UM/SJ
Sample : H2990-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Time: May 16 02:00:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133721	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	557847	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	264581	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	479632	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	358426	20.00	ng	-0.01
86) Perylene-d12	15.11	264	291523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	590008	74.72	ng	0.00
7) Phenol-d6	6.27	99	518492	49.13	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1045052	94.07	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	401684	143.41	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1584855	100.67	ng	0.00
78) Terphenyl-d14	12.71	244	1447569	85.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	57499	2.85	ng	99
51) Acenaphthene	9.68	154	33408	2.21	ng	99

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

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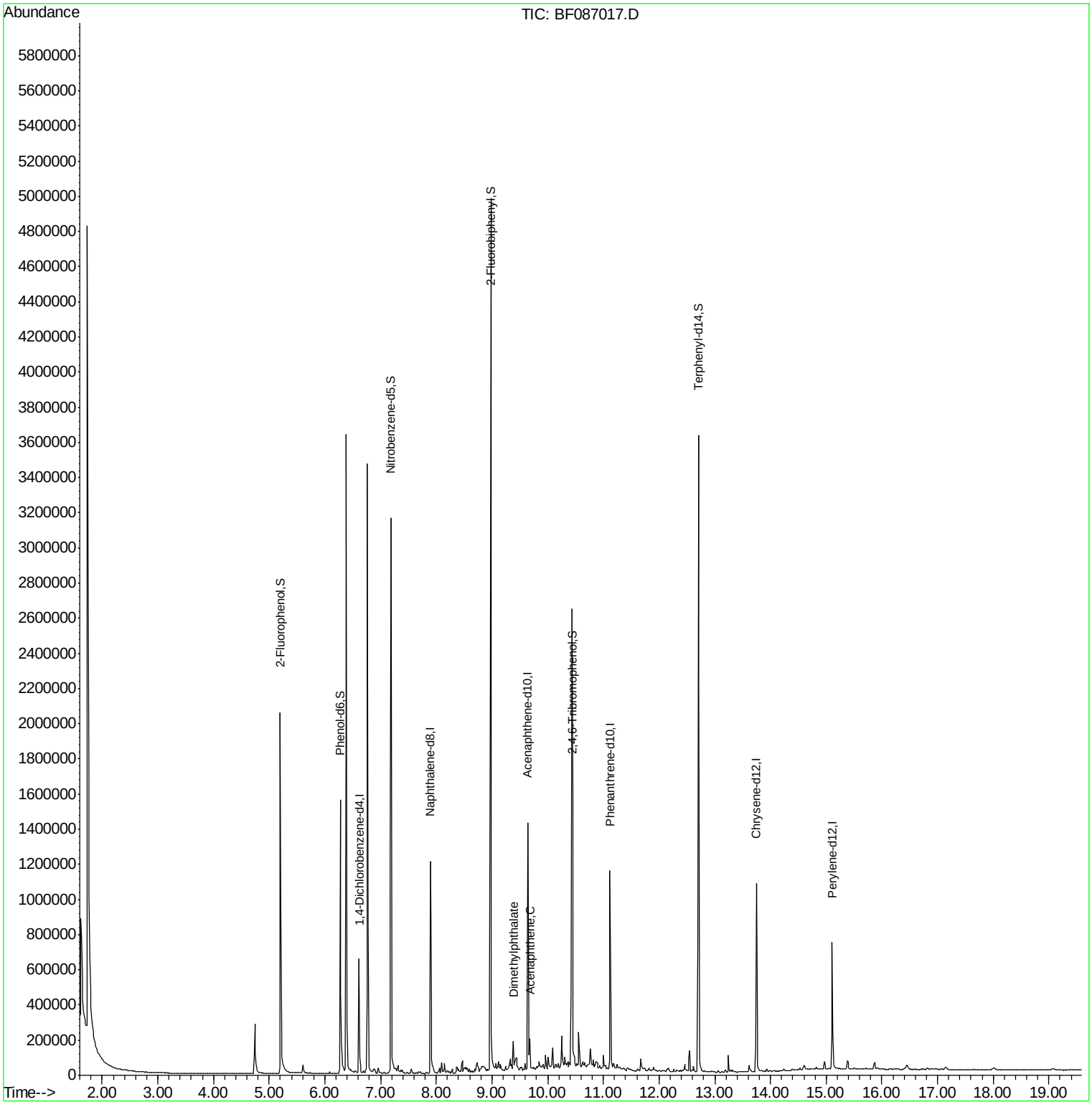
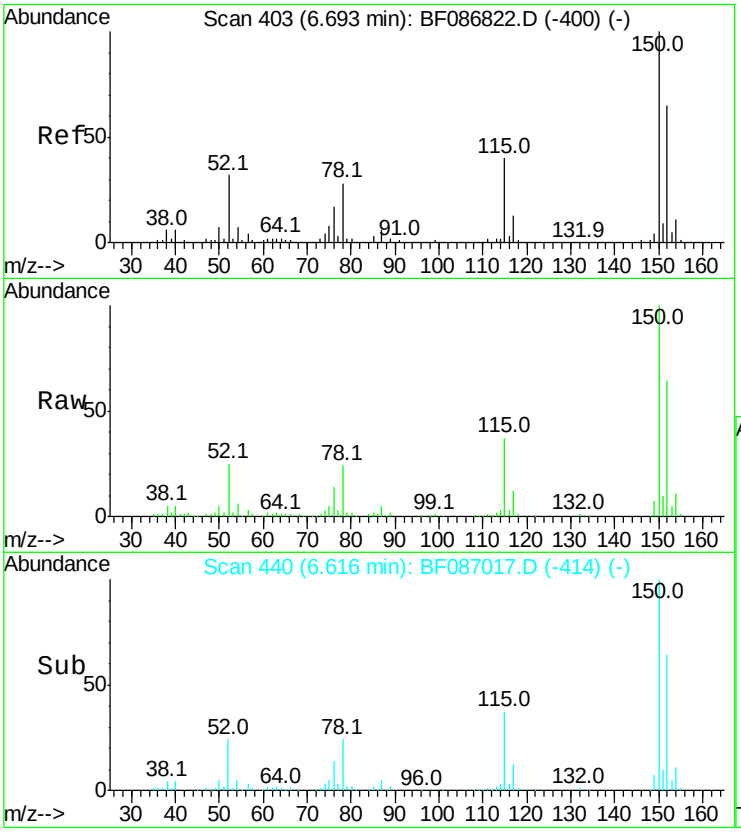


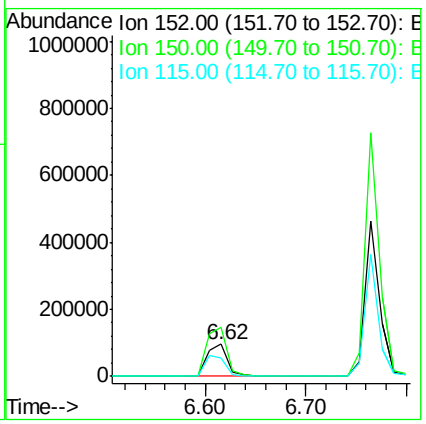


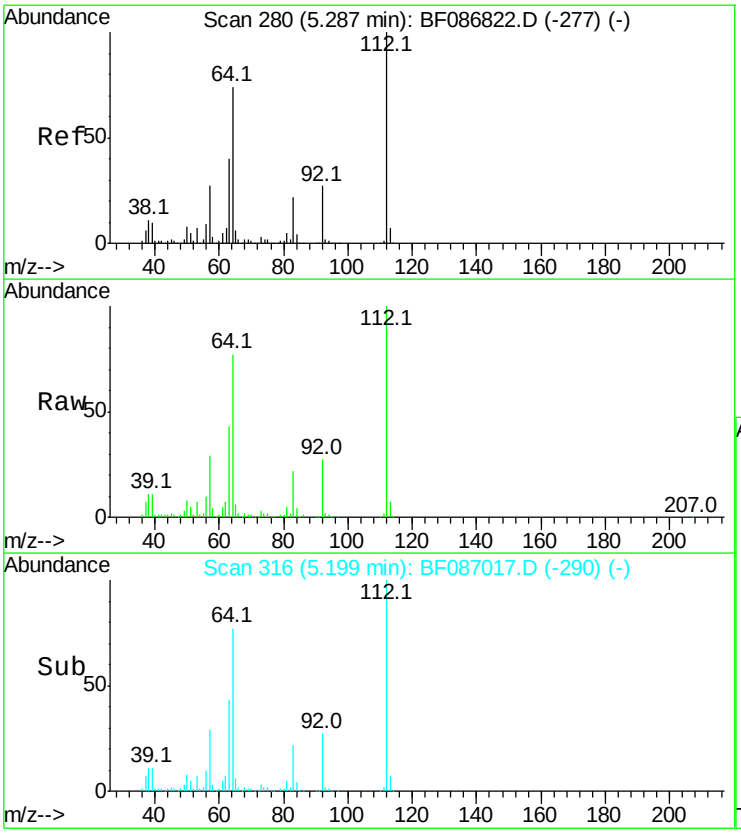
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:152 Resp: 133721

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.6
115	57.5	51.5	77.3

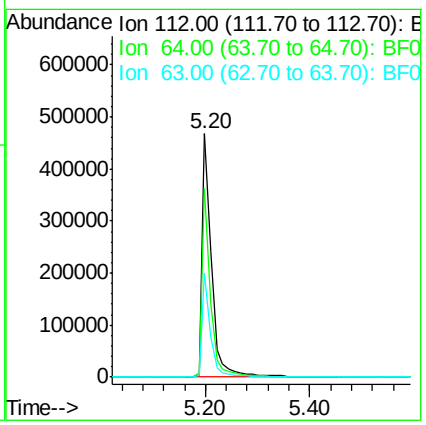


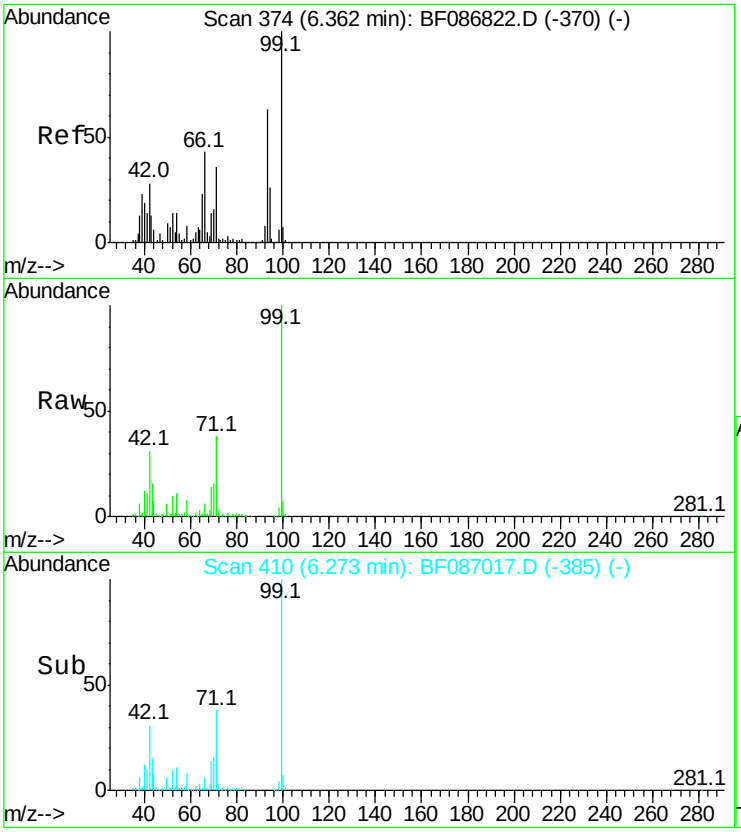


#5
2-Fluorophenol
Concen: 74.72 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:112 Resp: 590008

Ion	Ratio	Lower	Upper
112	100		
64	77.4	52.1	78.1
63	42.7	25.7	38.5#



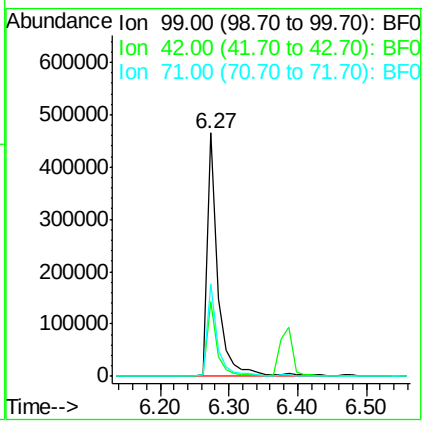


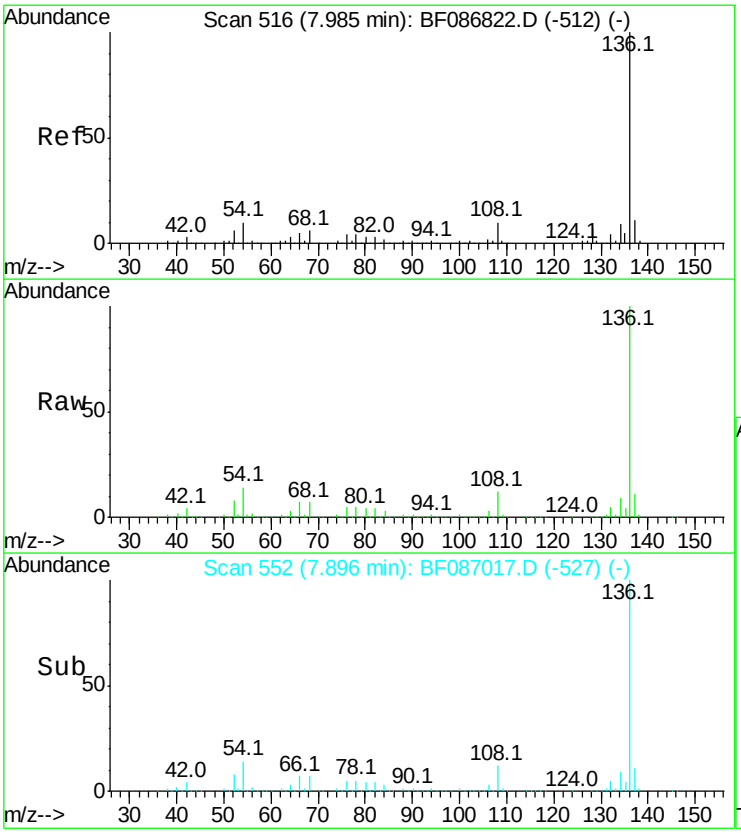
#7
Phenol-d6
Concen: 49.13 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion: 99 Resp: 518492

Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	38.1	24.6	36.8#

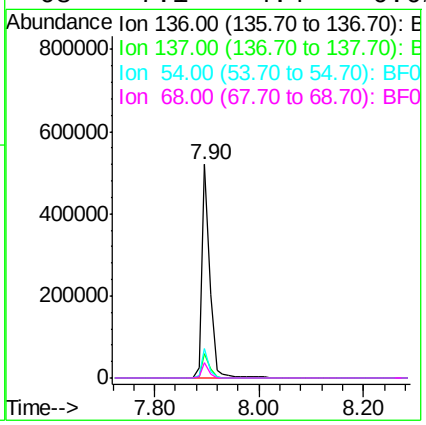


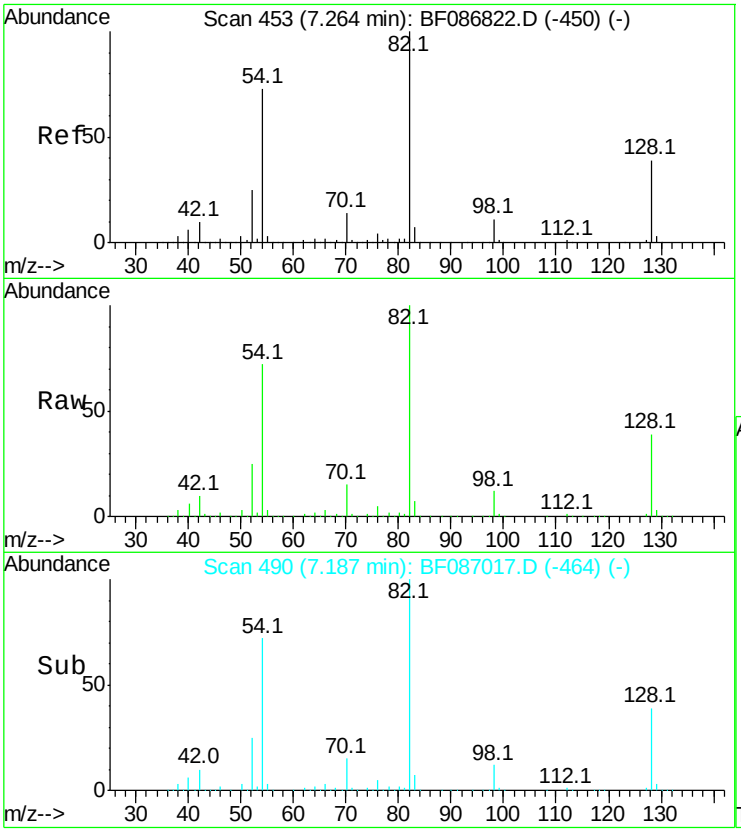


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:136 Resp: 557847

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.8	5.0	7.4#
68	7.1	4.4	6.6#



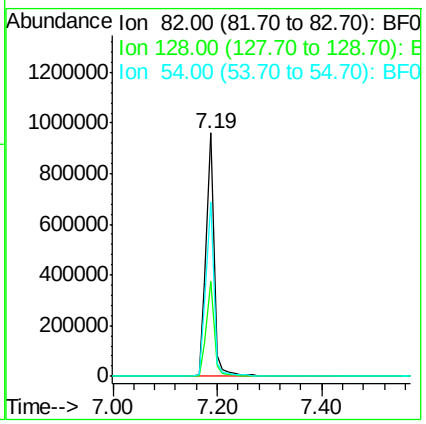


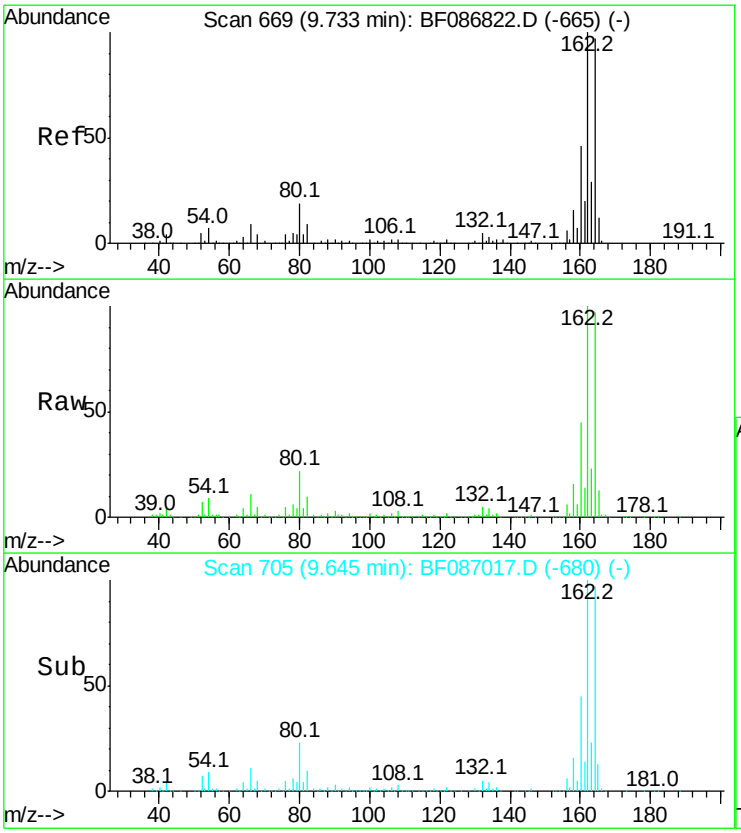
#23
Nitrobenzene-d5
Concen: 94.07 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion: 82 Resp: 1045052

Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	71.6	38.1	57.1#

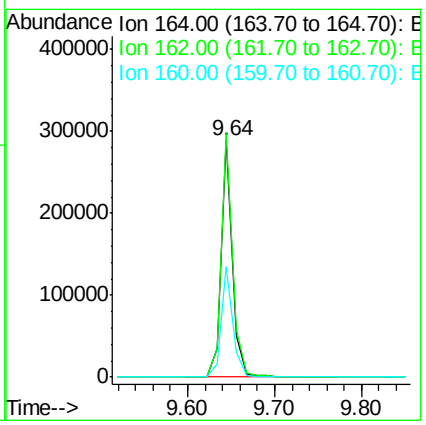


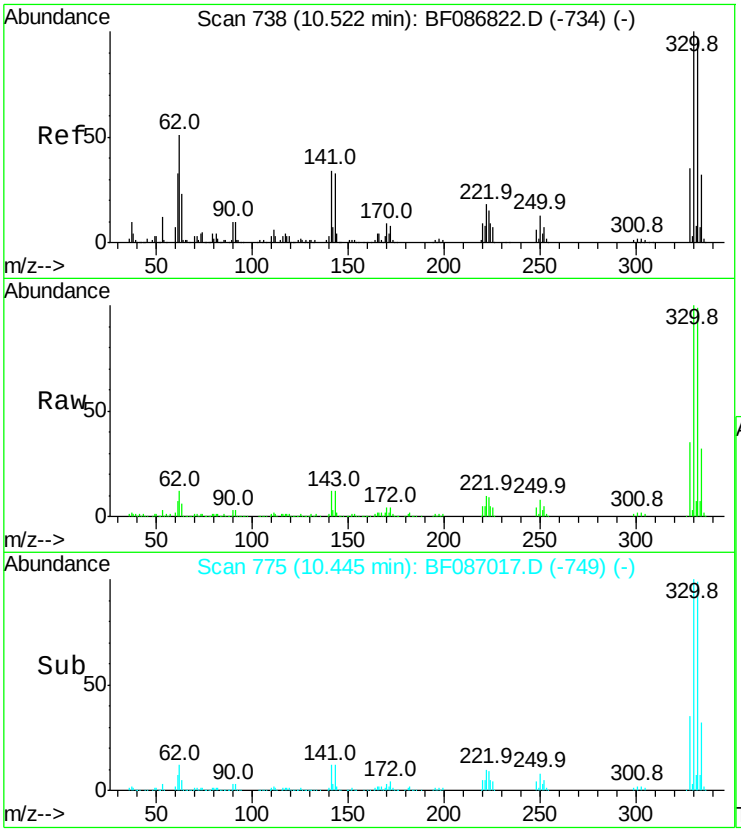


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:164 Resp: 264581

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.8	36.9	55.3



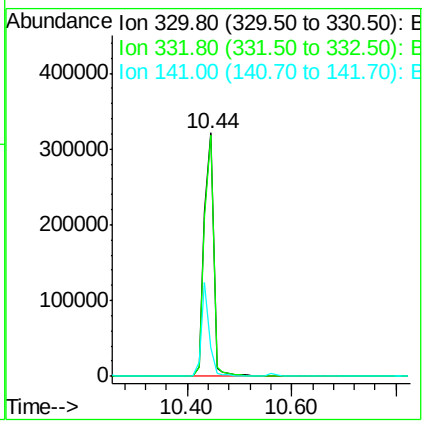


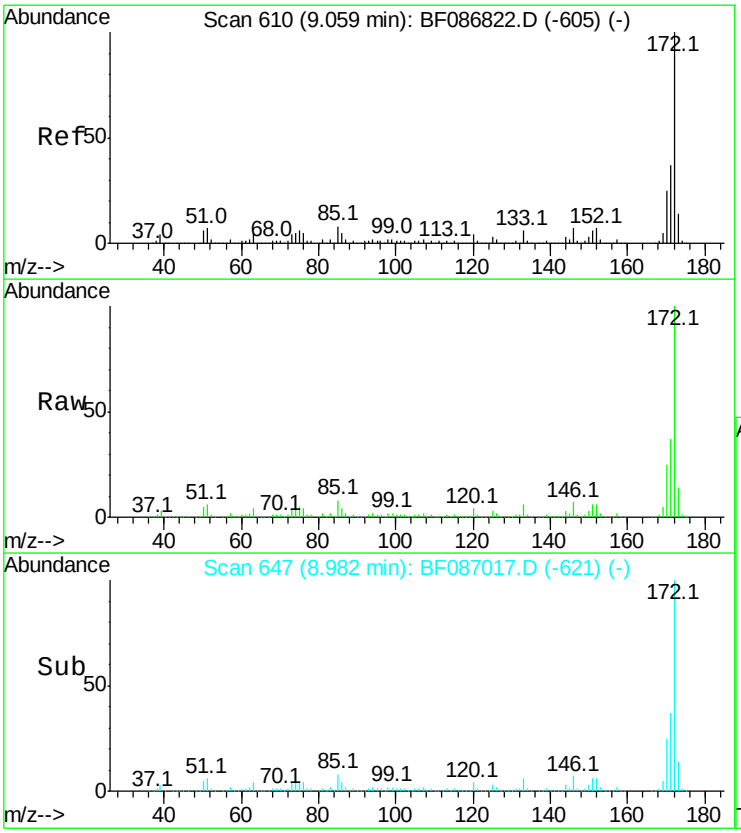
#41
2,4,6-Tribromophenol
Concen: 143.41 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:330 Resp: 401684

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	32.3	31.2	46.8

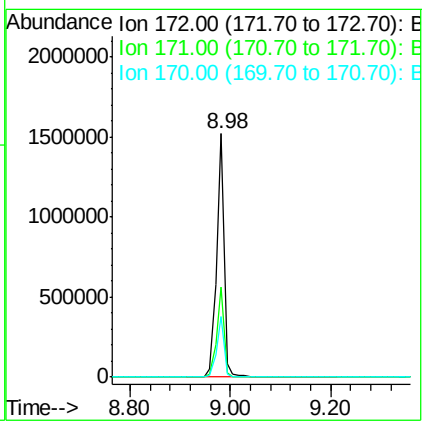


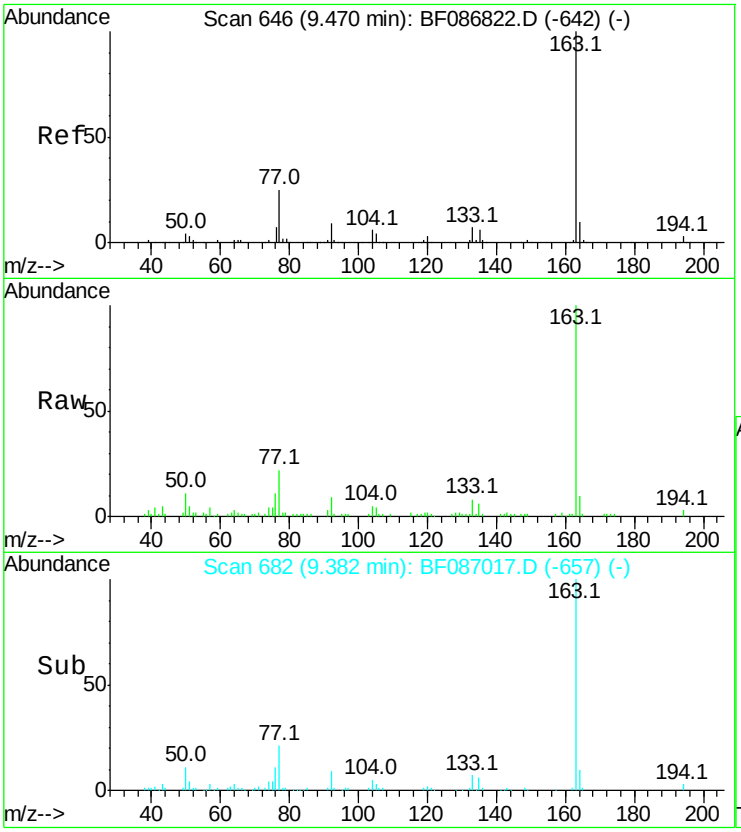


#44
2-Fluorobiphenyl
Concen: 100.67 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:172 Resp: 1584855

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.8	29.8



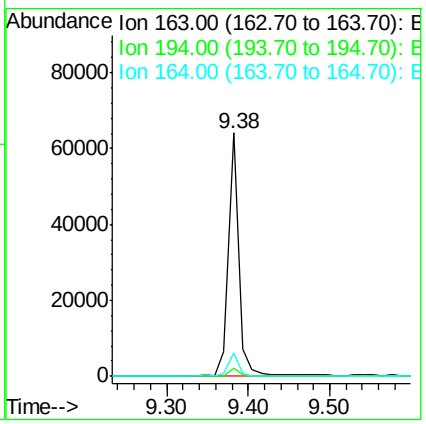


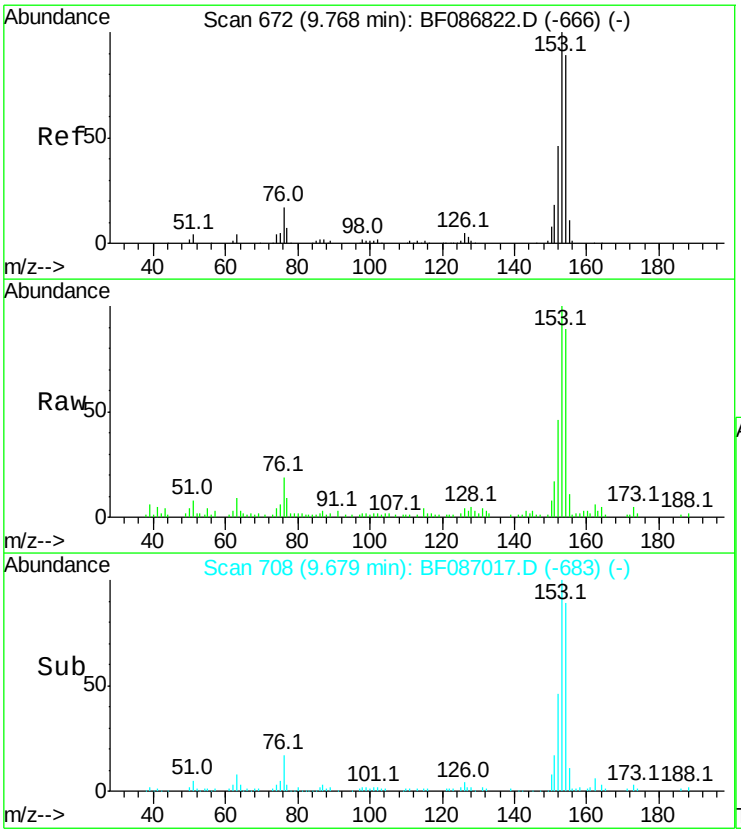
#49
Dimethylphthalate
Concen: 2.85 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:163 Resp: 57499

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.2	12.4

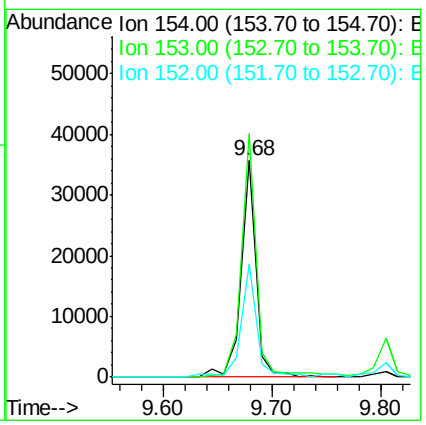


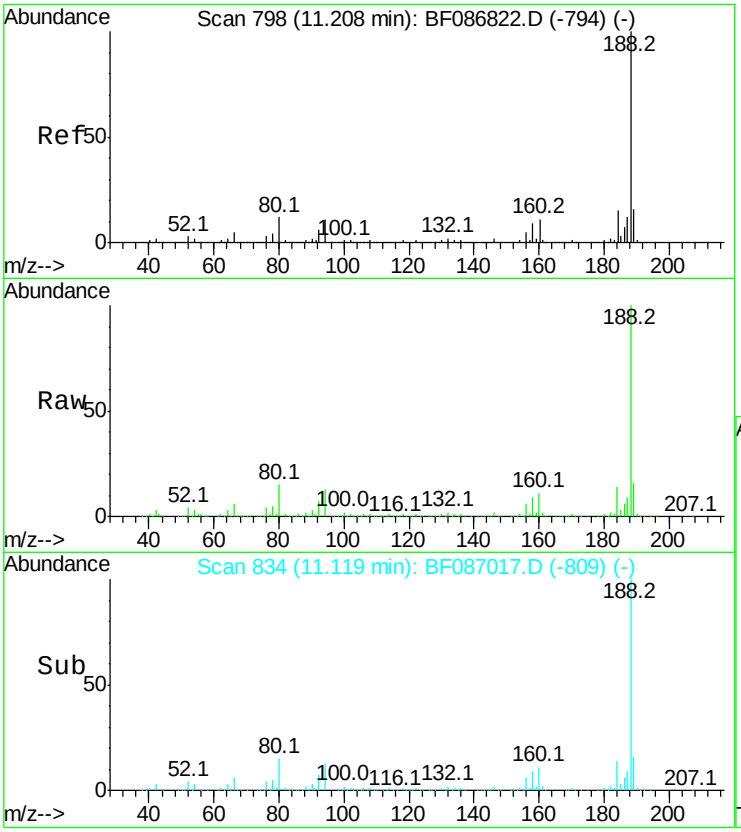


#51
Acenaphthene
Concen: 2.21 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:154 Resp: 33408

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.6
152	52.3	43.4	65.0



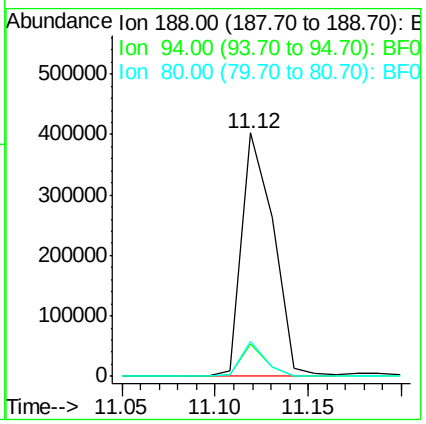


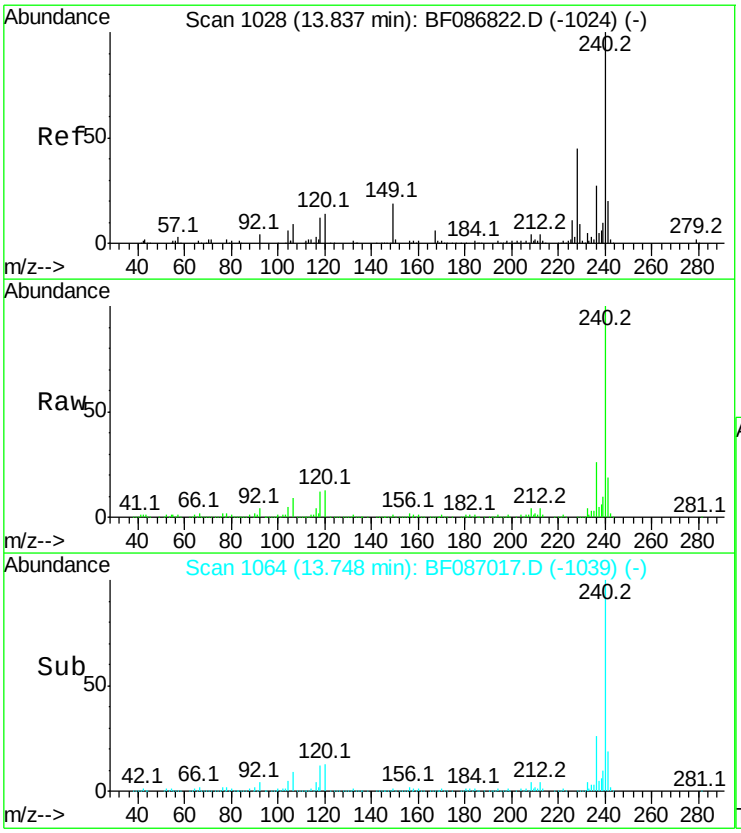
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:188 Resp: 479632

Ion	Ratio	Lower	Upper
188	100		
94	13.2	6.8	10.2#
80	14.6	7.1	10.7#

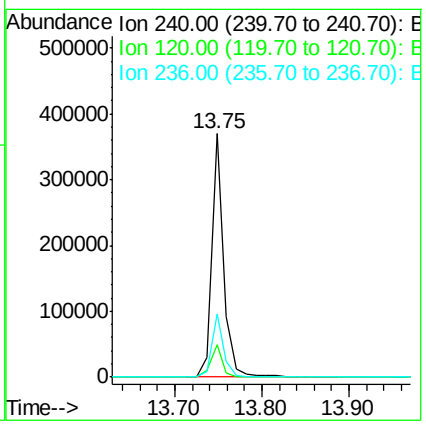


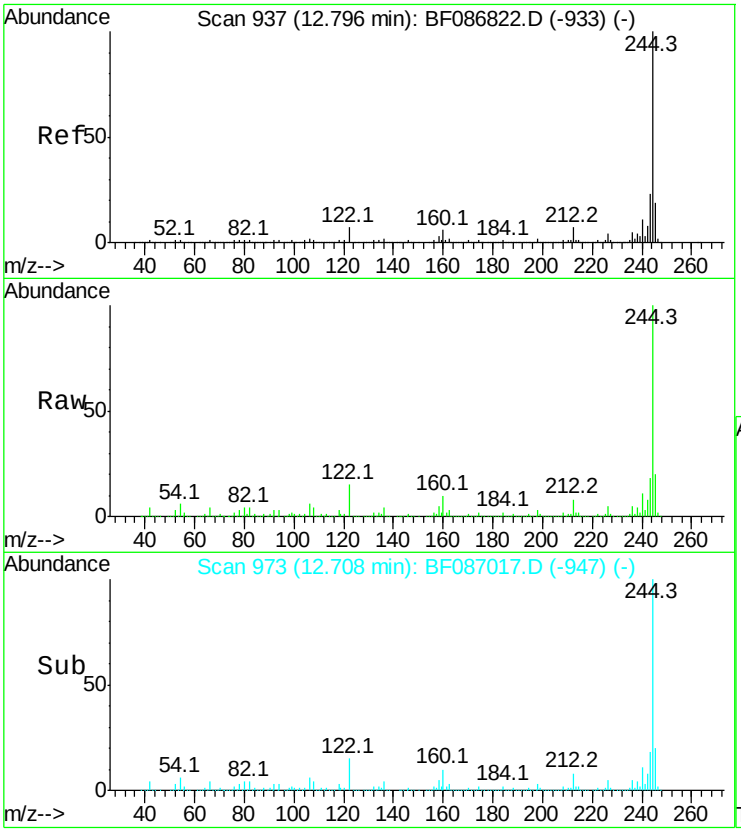


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:240 Resp: 358426

Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.2	16.8
236	26.2	21.2	31.8



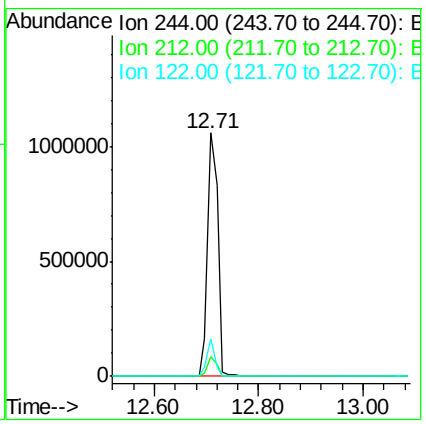


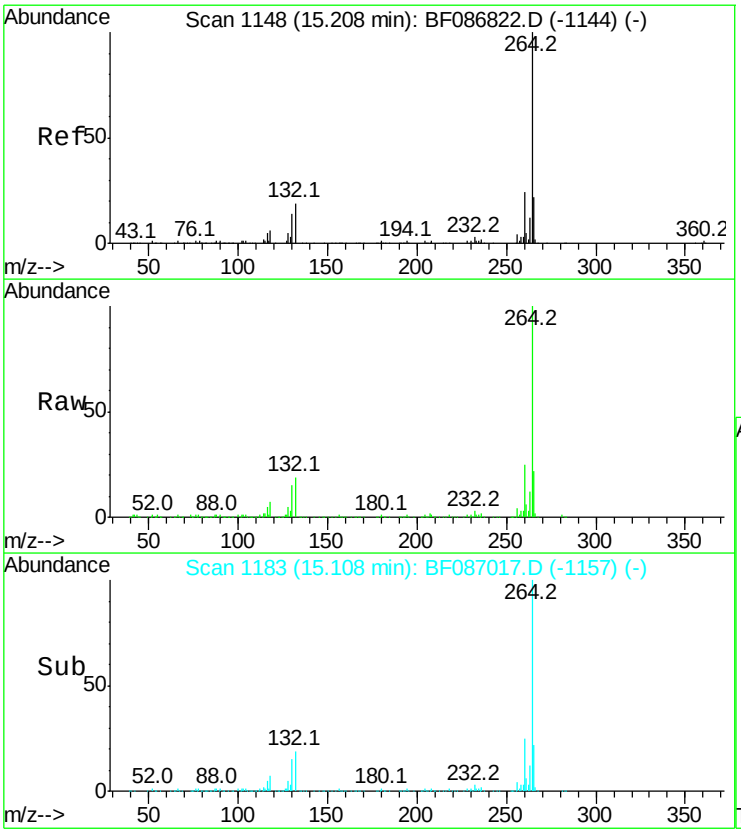
#78
Terphenyl-d14
Concen: 85.69 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:244 Resp: 1447569

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF087017.D
Acq: 14 May 2016 13:47

Tgt Ion:264 Resp: 291523

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.7	17.3	25.9