Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087018.D
Acq On : 14 May 2016 14:16
Operator : UM/SJ
Sample : H2990-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Time: May 16 02:03:55 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	149563	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	574969	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	268377	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	496215	20.00	ng		0.00
75) Chrysene-d12	13.75	240	359528	20.00	ng		-0.01
86) Perylene-d12	15.11	264	292015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	596601	67.55	ng		0.00
7) Phenol-d6	6.27	99	504483	42.74	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1036808	90.55	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	443296	156.02	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1597828	100.06	ng		0.00
78) Terphenyl-d14	12.72	244	1702959	100.50	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.38	163	64724	3.16	ng		98
51) Acenaphthene	9.68	154	52207	3.41	ng		98
57) Fluorene	10.19	166	83364	4.98	ng	#	94

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

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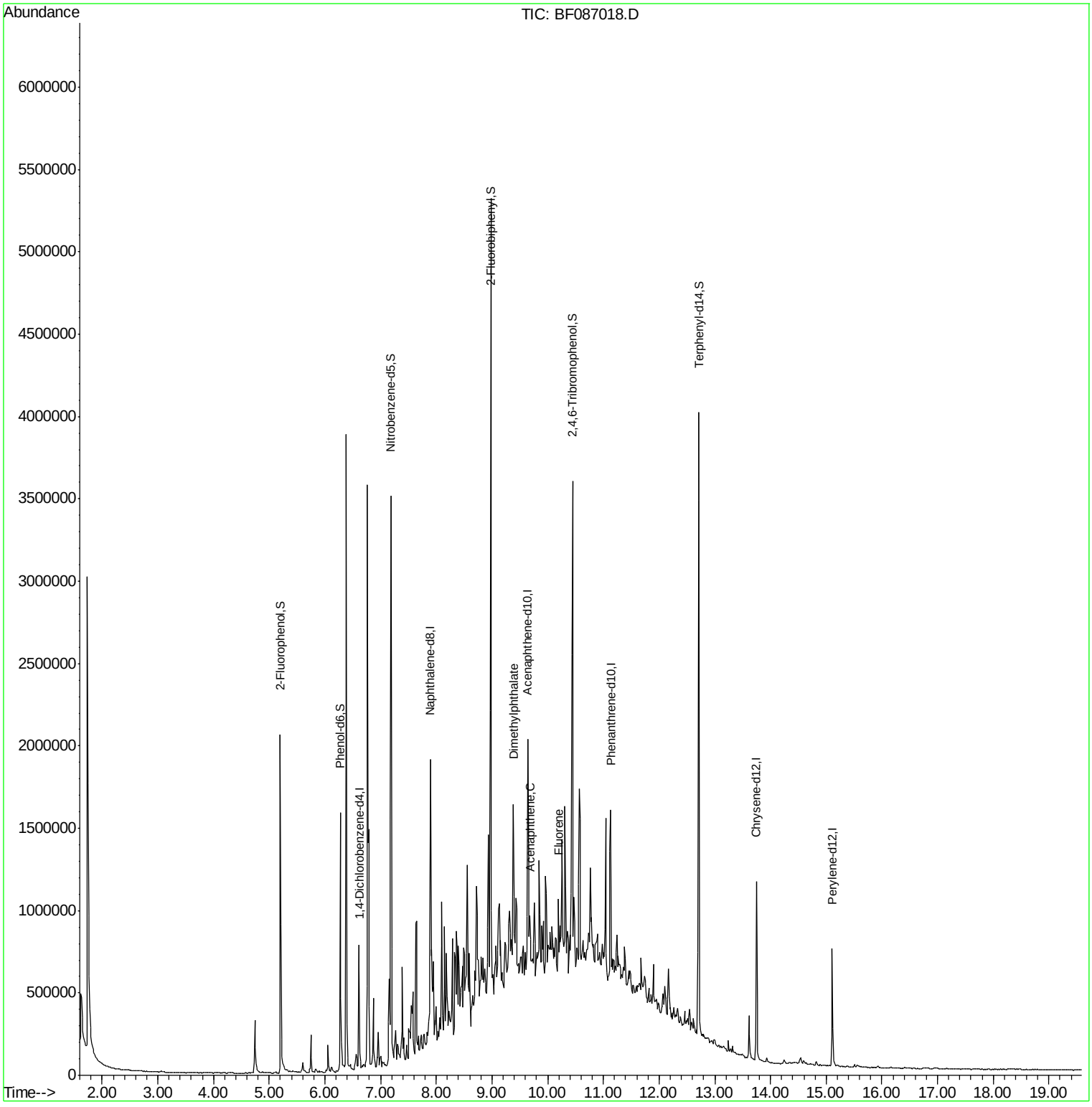
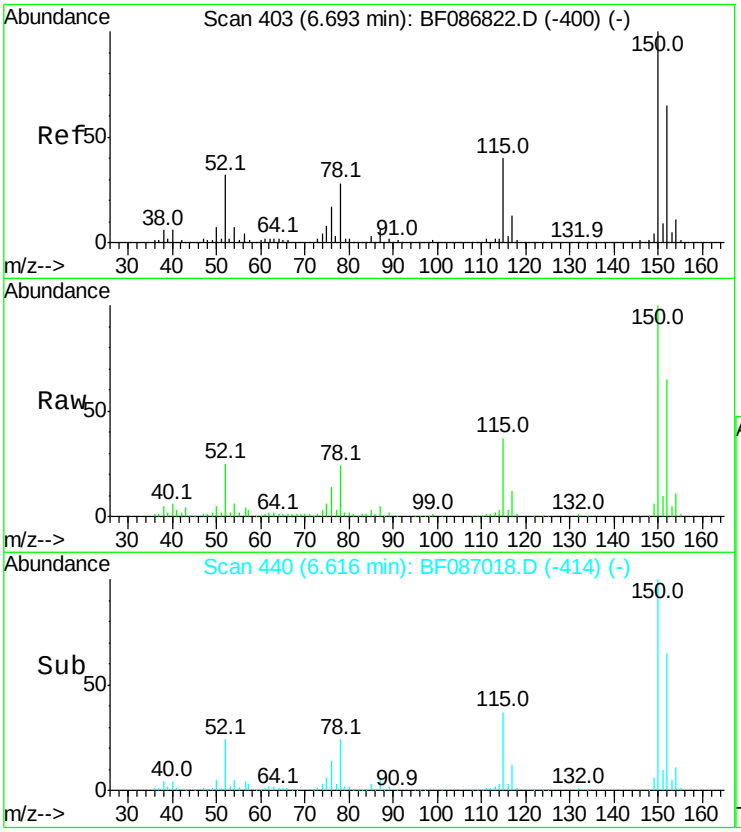


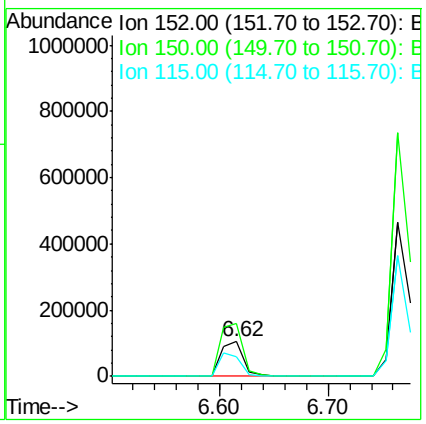


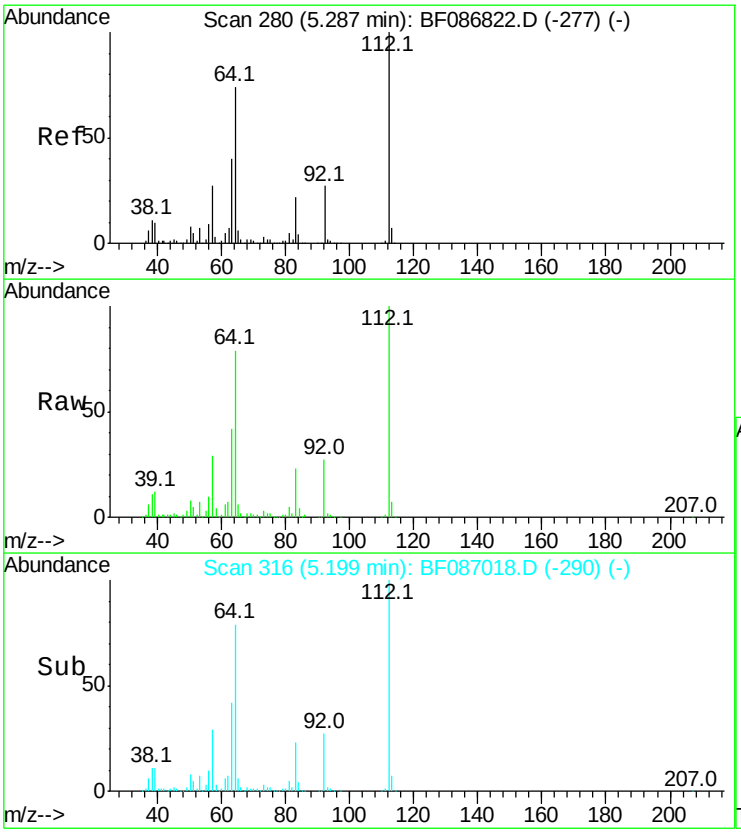
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:152 Resp: 149563

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.8	188.6
115	56.1	51.5	77.3

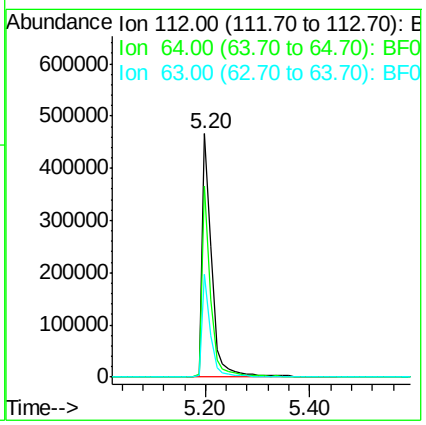


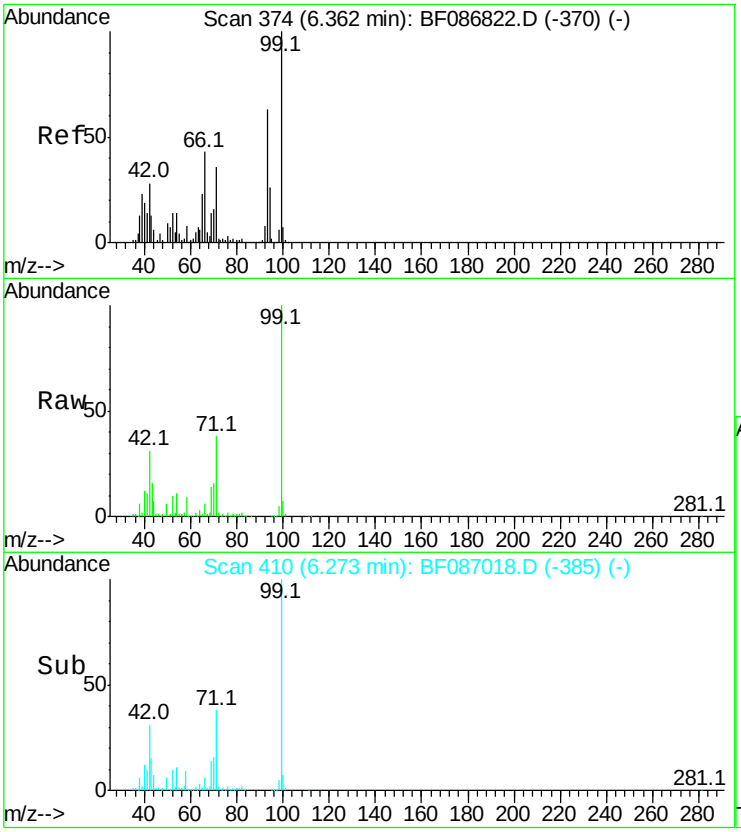


#5
2-Fluorophenol
Concen: 67.55 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:112 Resp: 596601

Ion	Ratio	Lower	Upper
112	100		
64	78.6	52.1	78.1#
63	42.5	25.7	38.5#



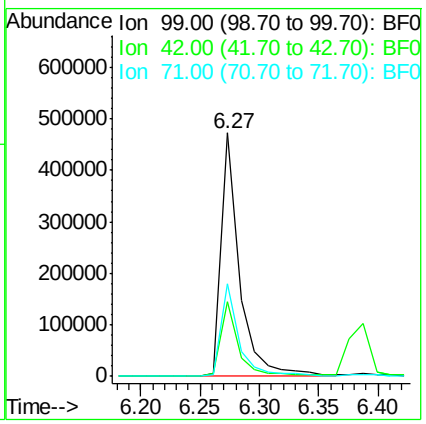


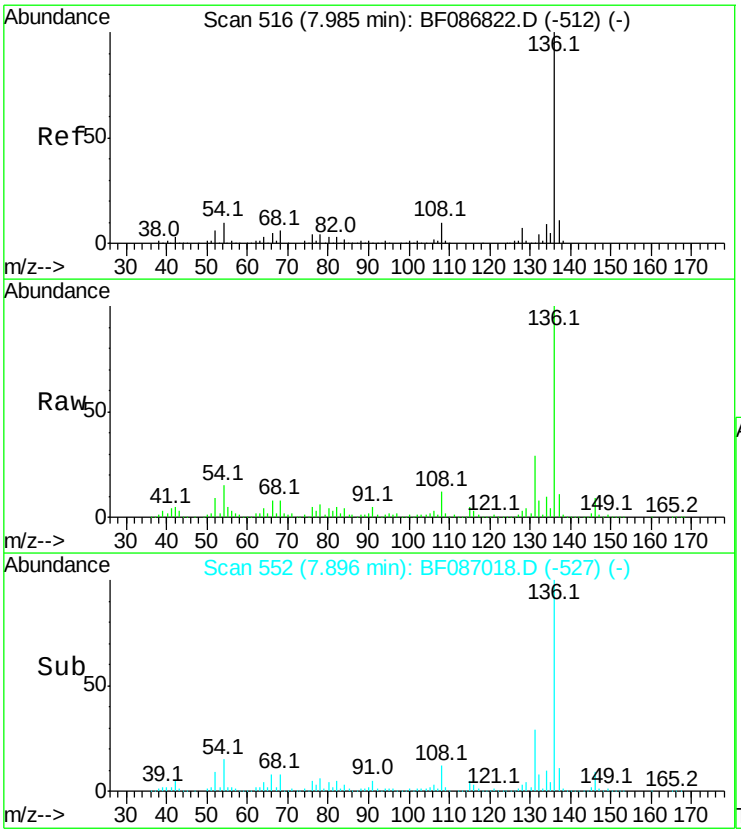
#7
Phenol-d6
Concen: 42.74 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion: 99 Resp: 504483

Ion	Ratio	Lower	Upper
99	100		
42	30.6	13.6	20.4#
71	37.8	24.6	36.8#

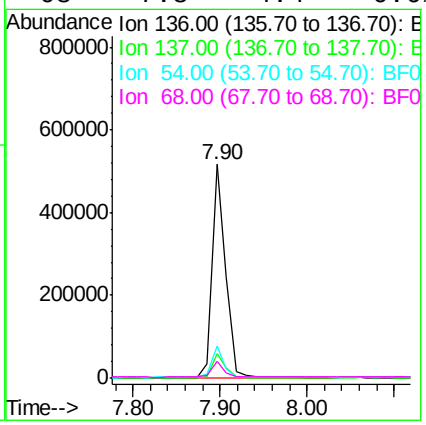


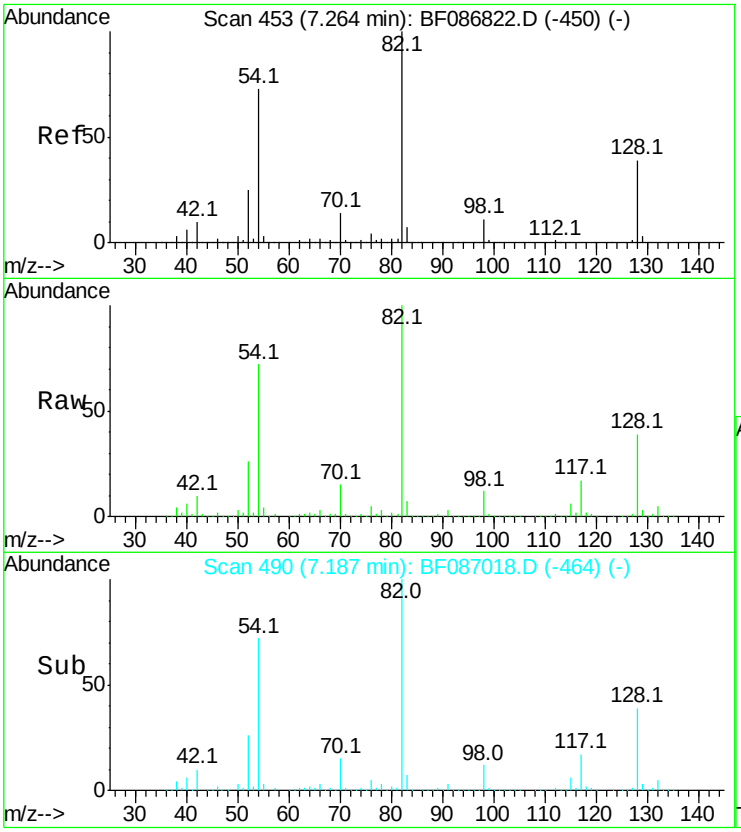


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:136 Resp: 574969

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.2	5.0	7.4#
68	7.8	4.4	6.6#



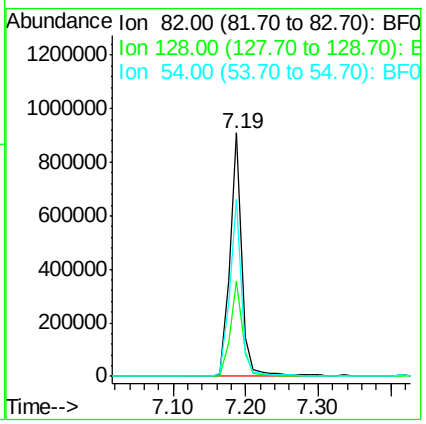


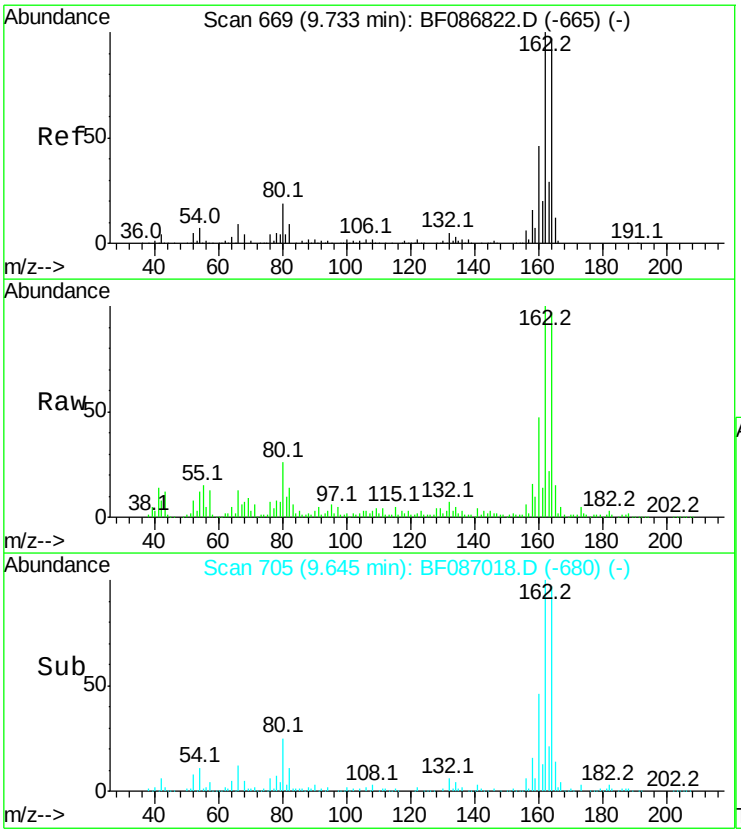
#23
Nitrobenzene-d5
Concen: 90.55 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion: 82 Resp: 1036808

Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	72.5	38.1	57.1#

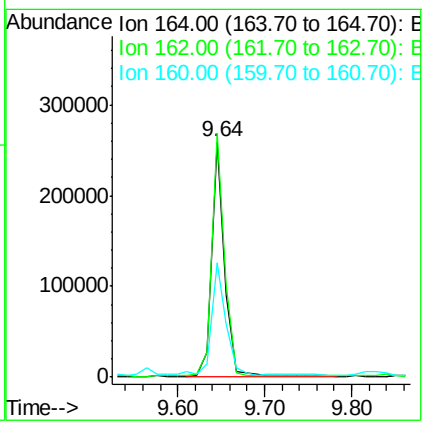


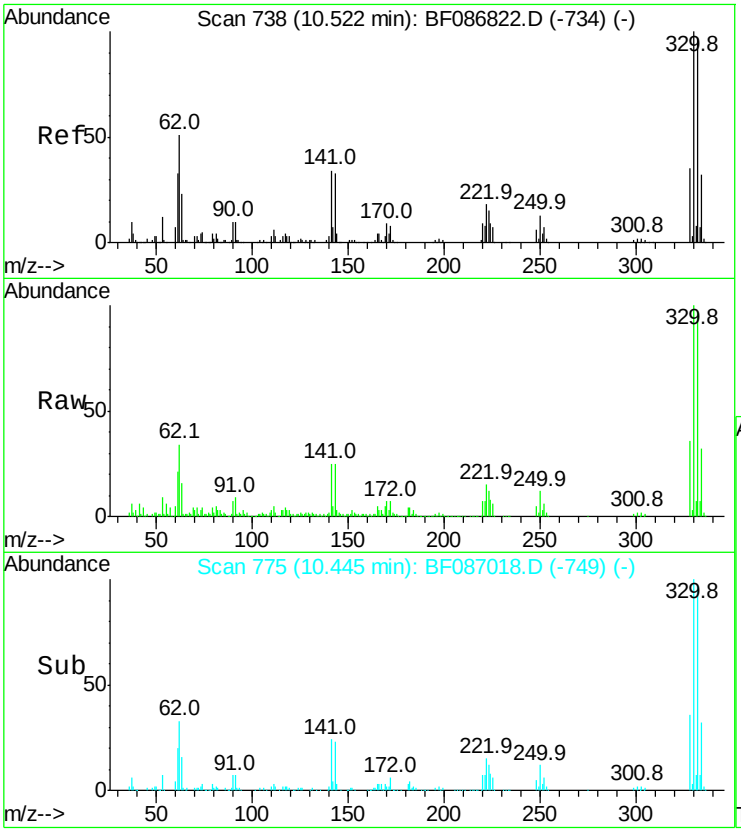


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:164 Resp: 268377

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	48.4	36.9	55.3



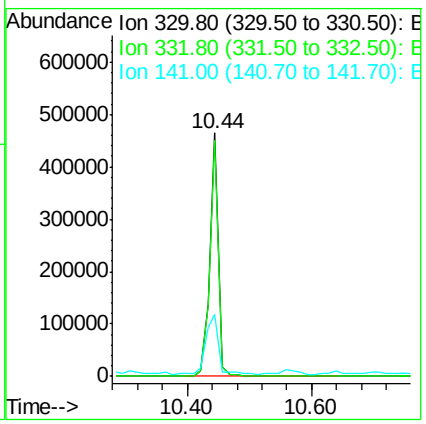


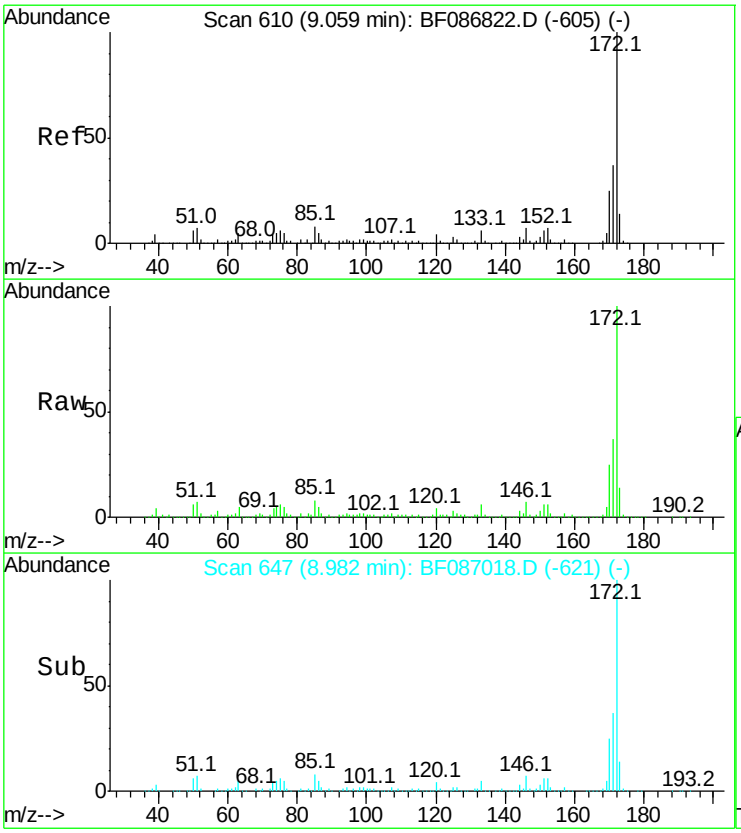
#41
2,4,6-Tribromophenol
Concen: 156.02 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:330 Resp: 443296

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	37.2	31.2	46.8

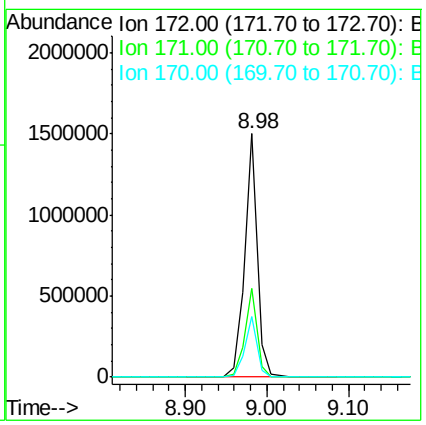


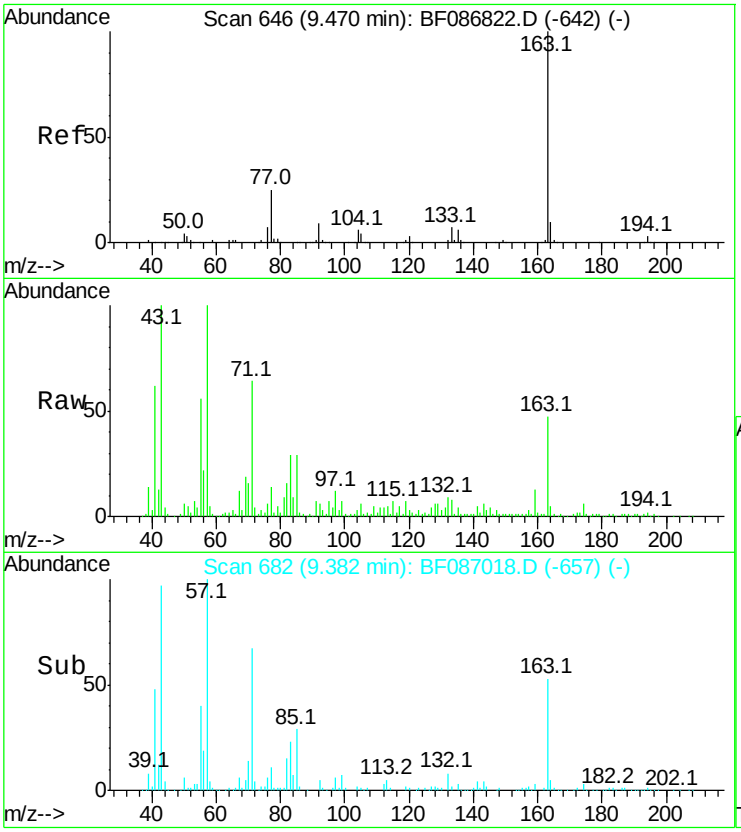


#44
2-Fluorobiphenyl
Concen: 100.06 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:172 Resp: 1597828

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8



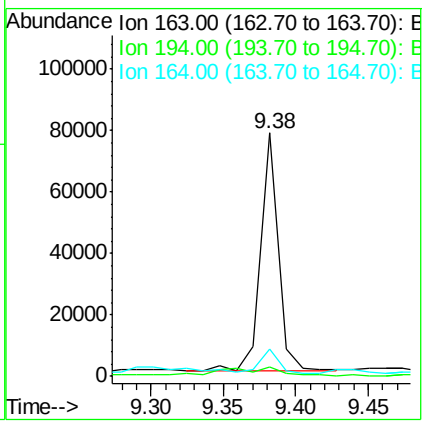


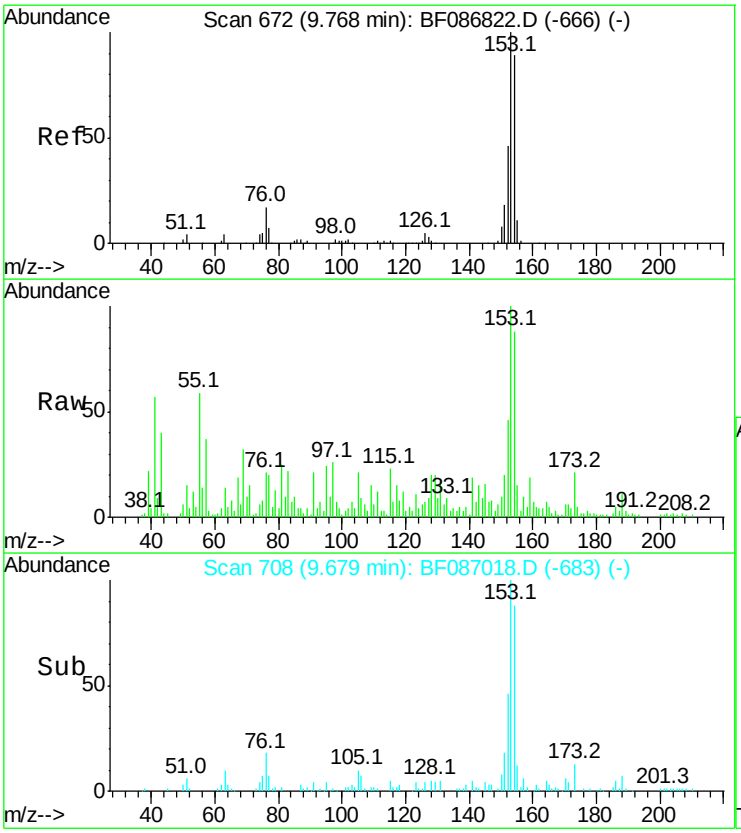
#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:163 Resp: 64724

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.1	8.2	12.4

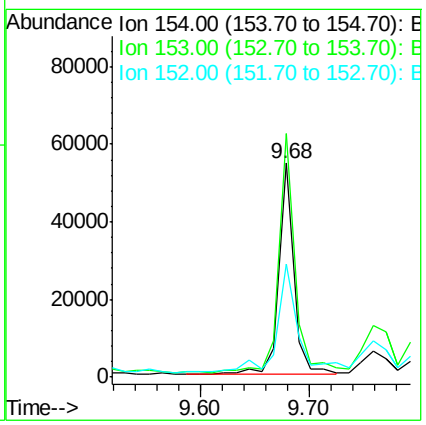


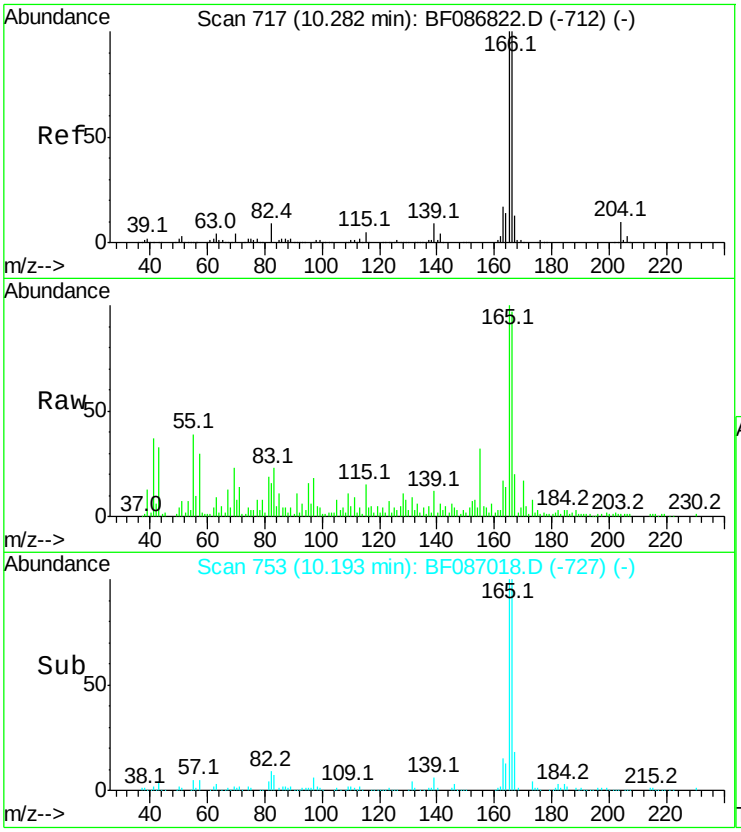


#51
Acenaphthene
Concen: 3.41 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:154 Resp: 52207

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.8	134.6
152	52.8	43.4	65.0



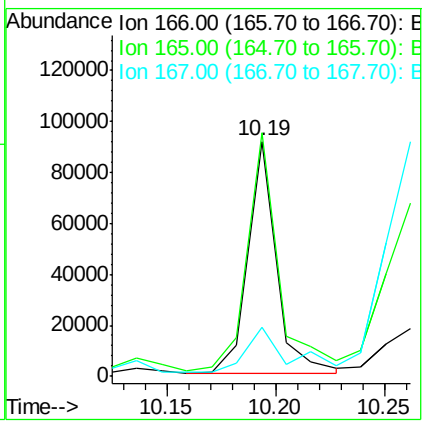


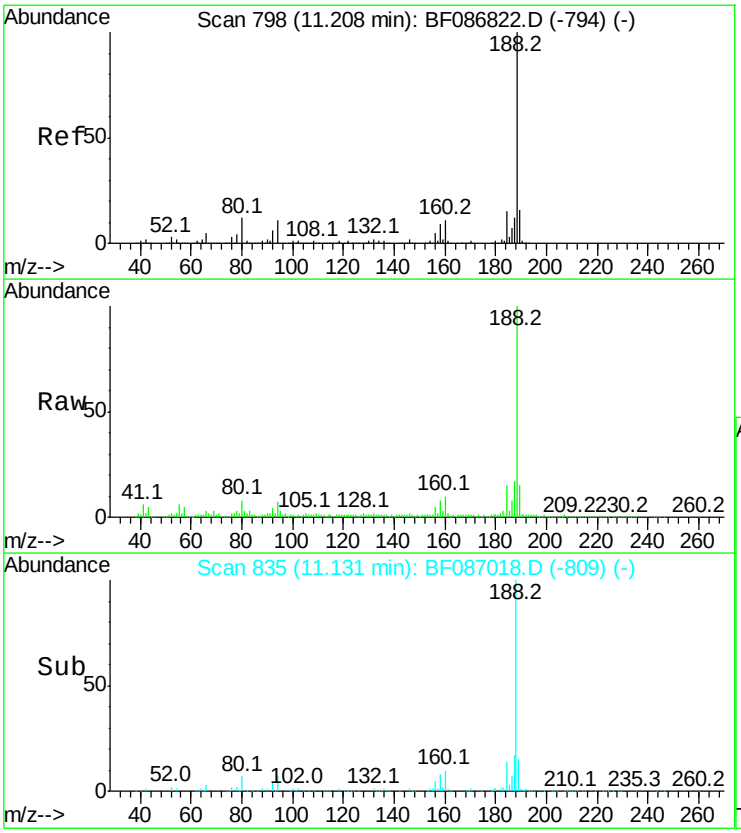
#57
Fluorene
Concen: 4.98 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:166 Resp: 83364

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.0	118.6
167	20.7	10.6	15.8#

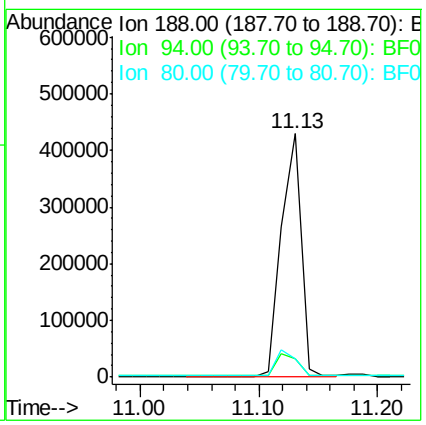


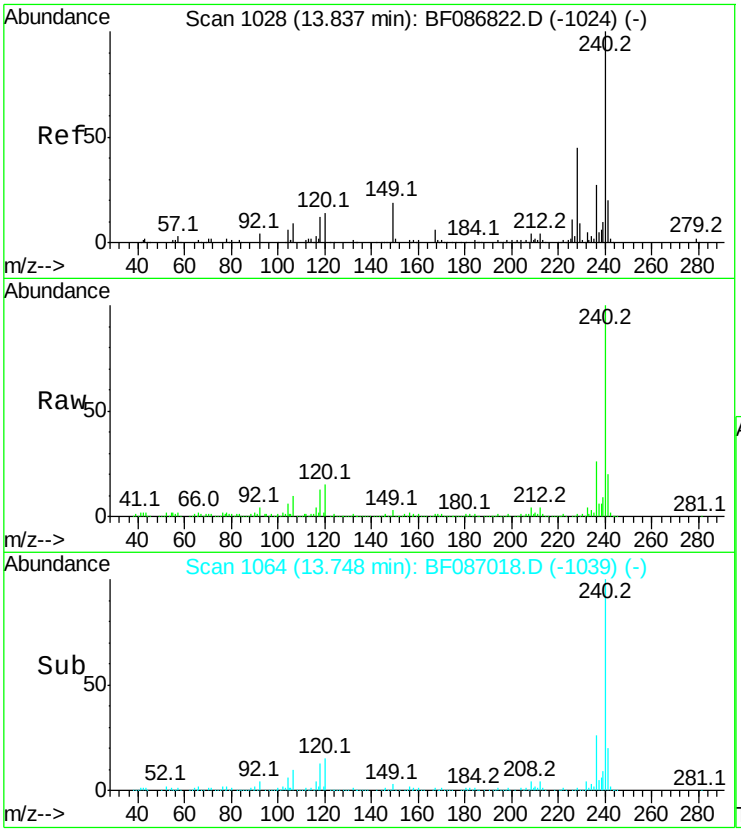


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:188 Resp: 496215

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.7	7.1	10.7



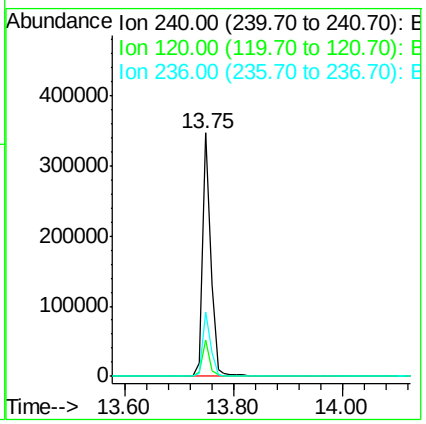


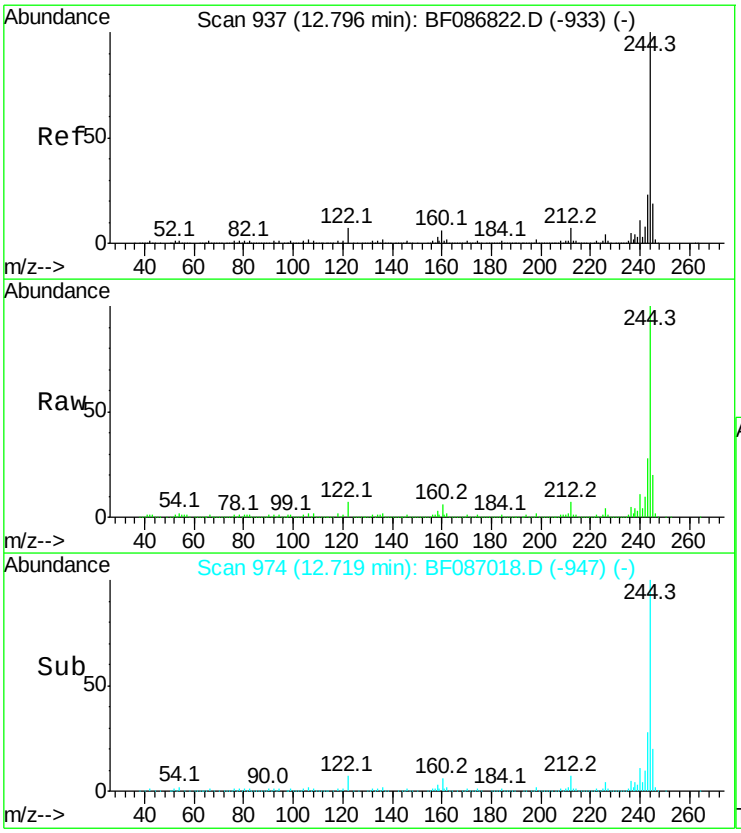
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:240 Resp: 359528

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.3	21.2	31.8

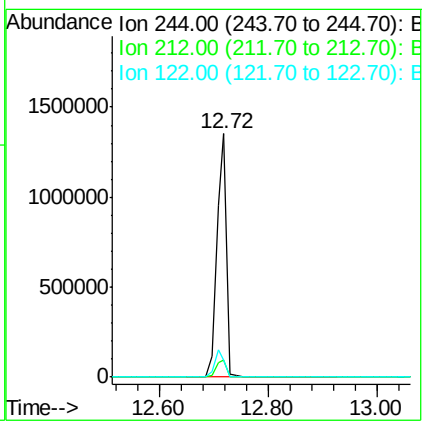


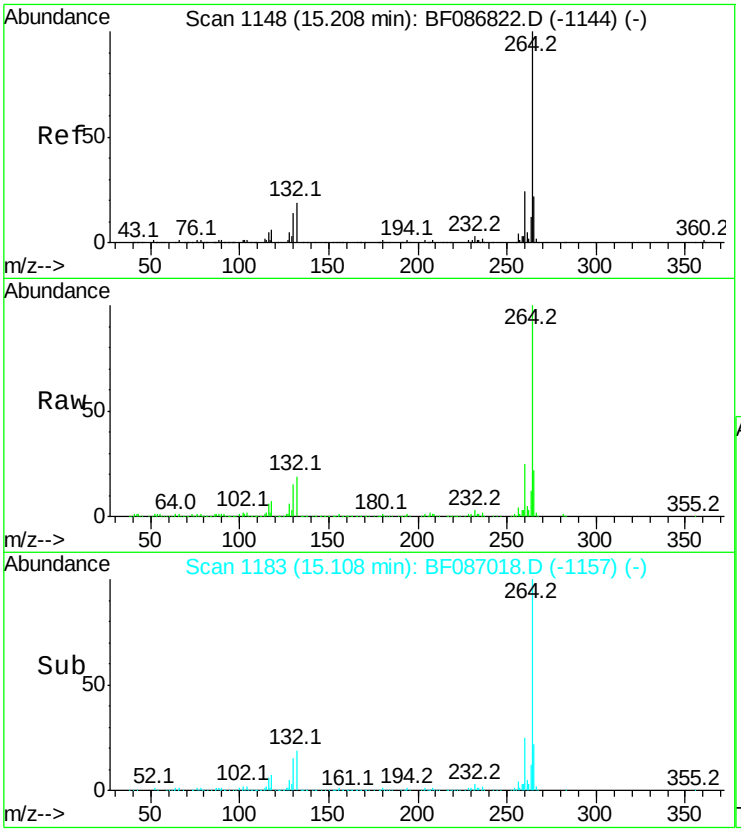


#78
Terphenyl-d14
Concen: 100.50 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF087018.D
Acq: 14 May 2016 14:16

Tgt Ion:244 Resp: 1702959

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	6.9	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: BF087018.D
Acq: 14 May 2016 14:16

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion:264 Resp: 292015

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.3	25.9