Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW16

Quant Time: May 07 04:17:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170888	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	651018	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	296204	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	462490	40.00	ng		-0.01
75) Chrysene-d12	13.85	240	334550	40.00	ng		-0.01
86) Perylene-d12	15.23	264	284558	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	678325	65.71	ng		-0.01
7) Phenol-d6	6.36	99	561926	40.41	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1269090	100.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	480575	165.86	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1807438	100.03	ng		-0.01
78) Terphenyl-d14	12.81	244	1320088	79.75	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	9.78	154	80760	4.41	ng		95
54) Dibenzofuran	9.95	168	57282	2.53	ng	#	79
57) Fluorene	10.29	166	94441	5.14	ng	#	96

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

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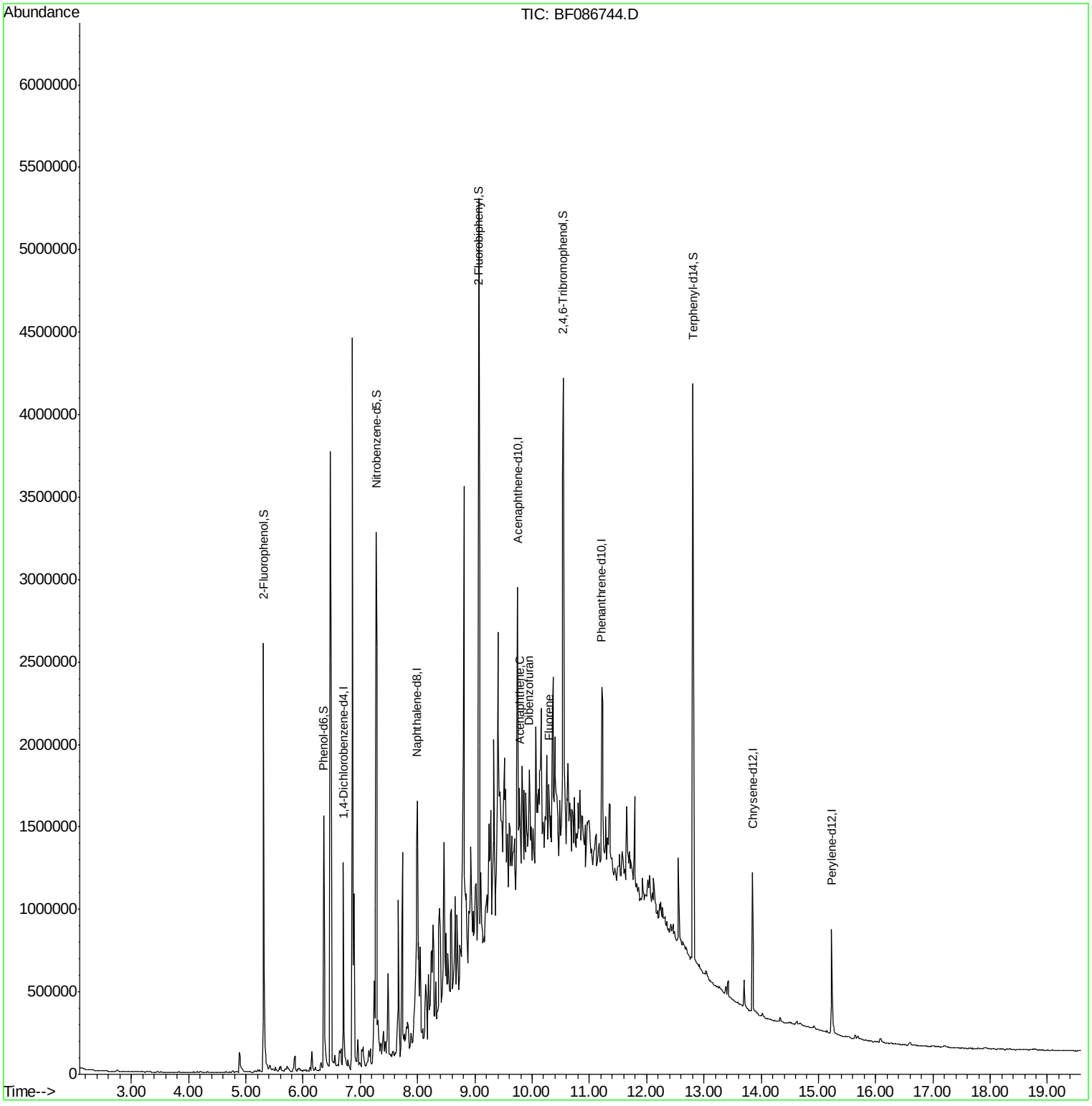
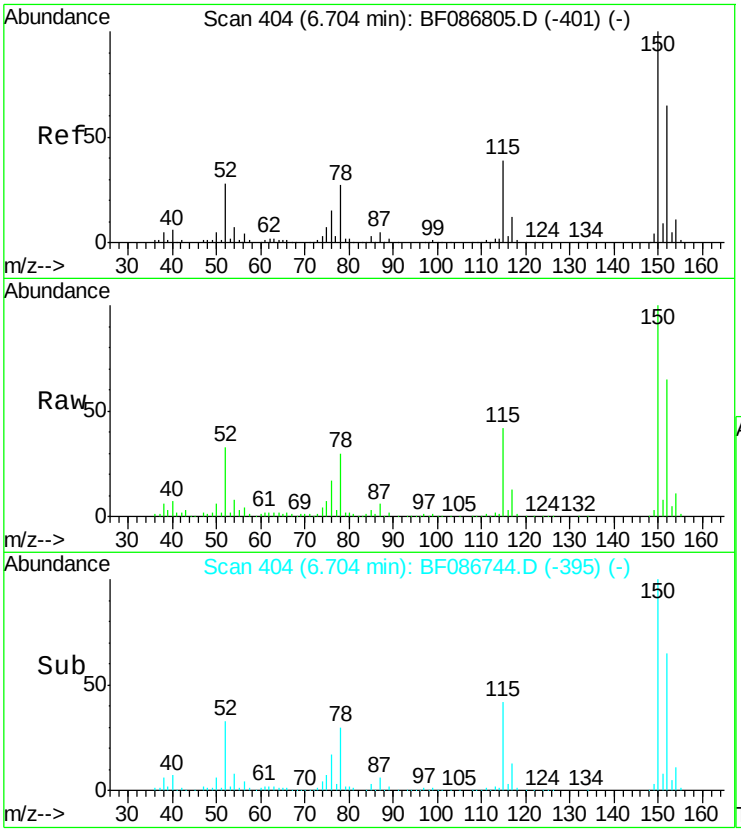


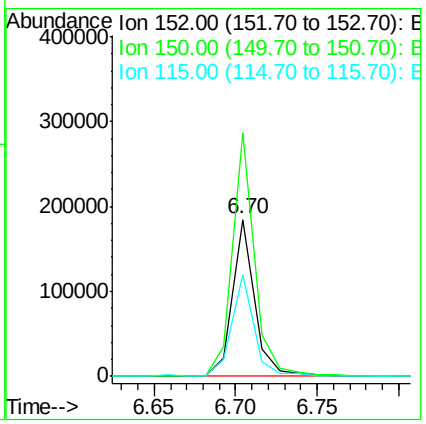


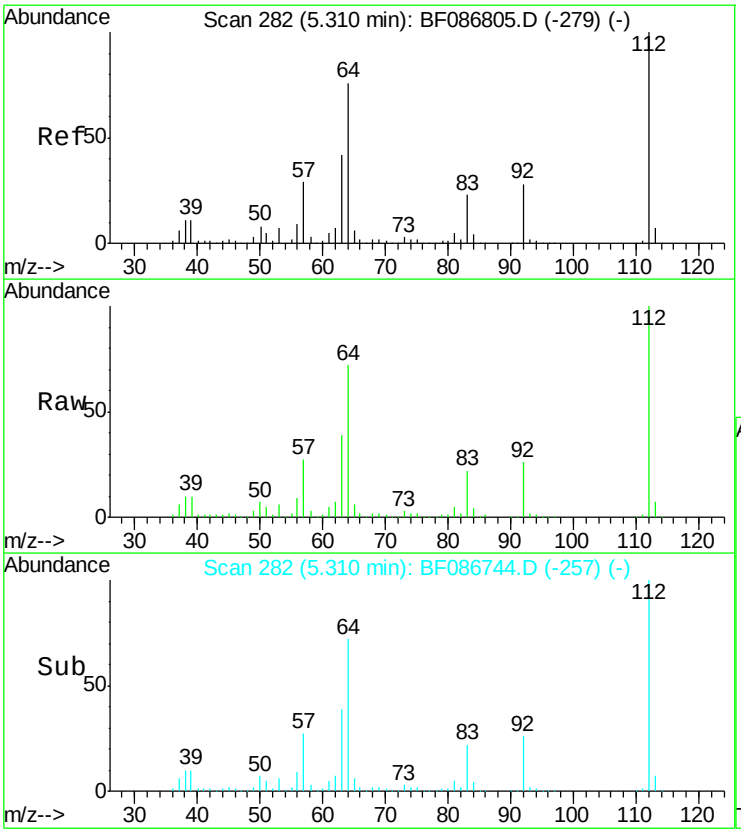
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:152 Resp: 170888

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.8	188.6
115	64.5	51.5	77.3

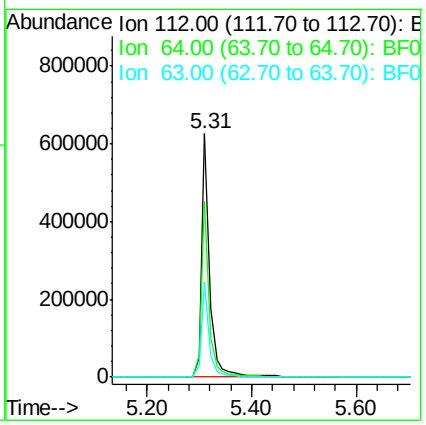


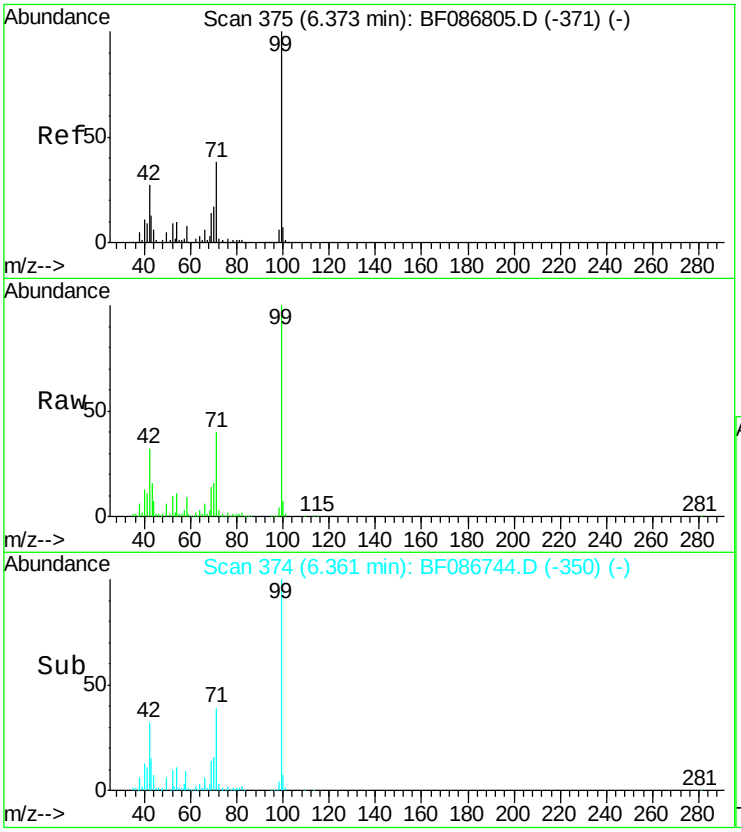


#5
2-Fluorophenol
Concen: 65.71 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:112 Resp: 678325

Ion	Ratio	Lower	Upper
112	100		
64	72.1	52.1	78.1
63	39.2	25.7	38.5#



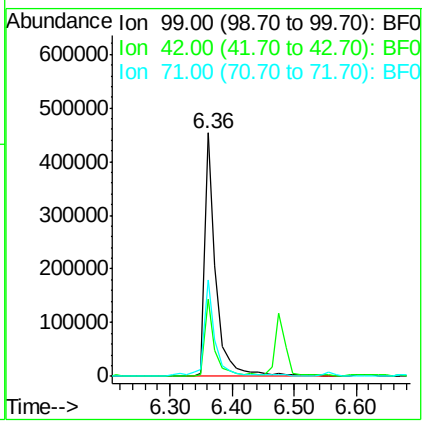


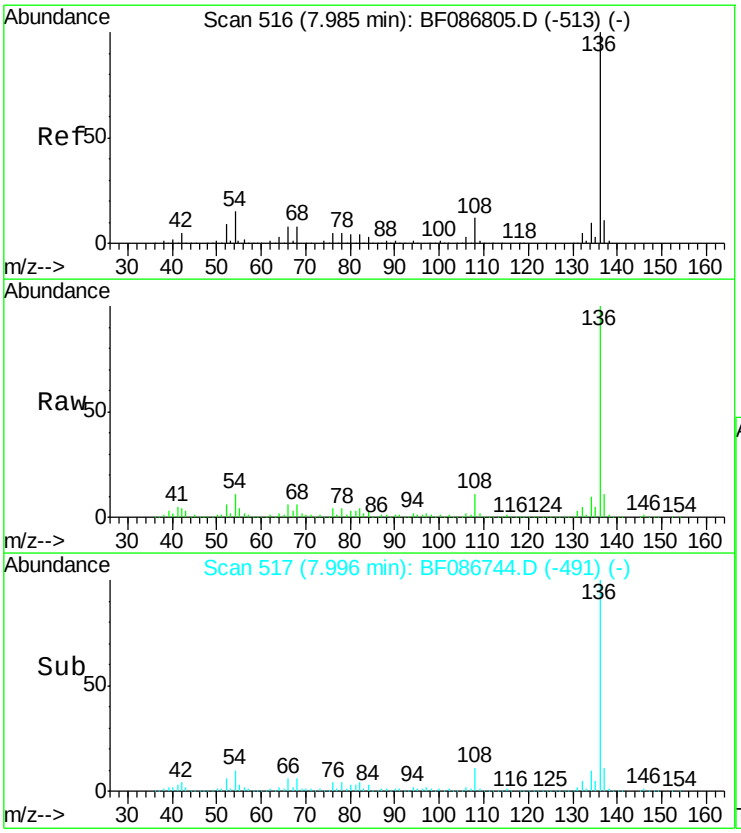
#7
Phenol-d6
Concen: 40.41 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion: 99 Resp: 561926

Ion	Ratio	Lower	Upper
99	100		
42	31.8	13.6	20.4#
71	39.5	24.6	36.8#

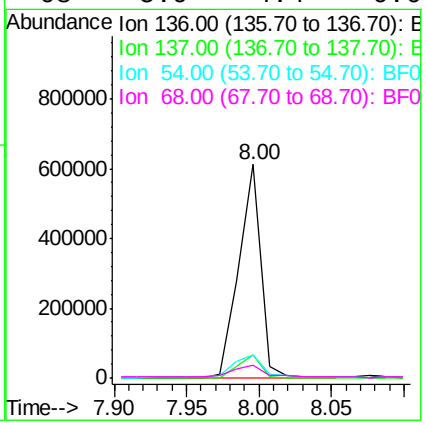


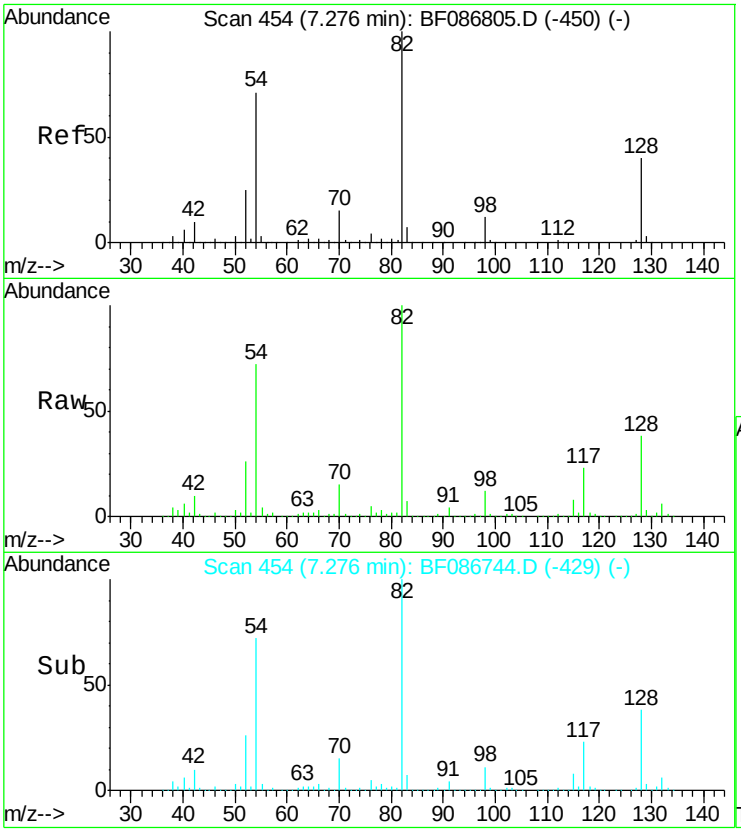


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:136 Resp: 651018

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	5.0	7.4#
68	5.9	4.4	6.6



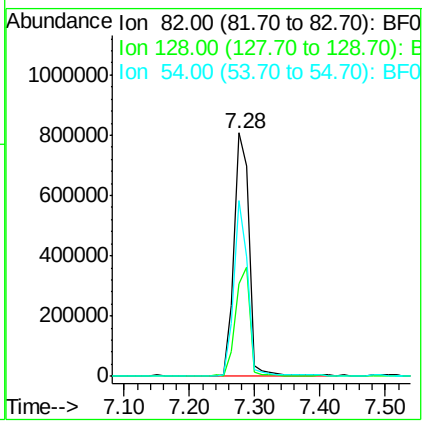


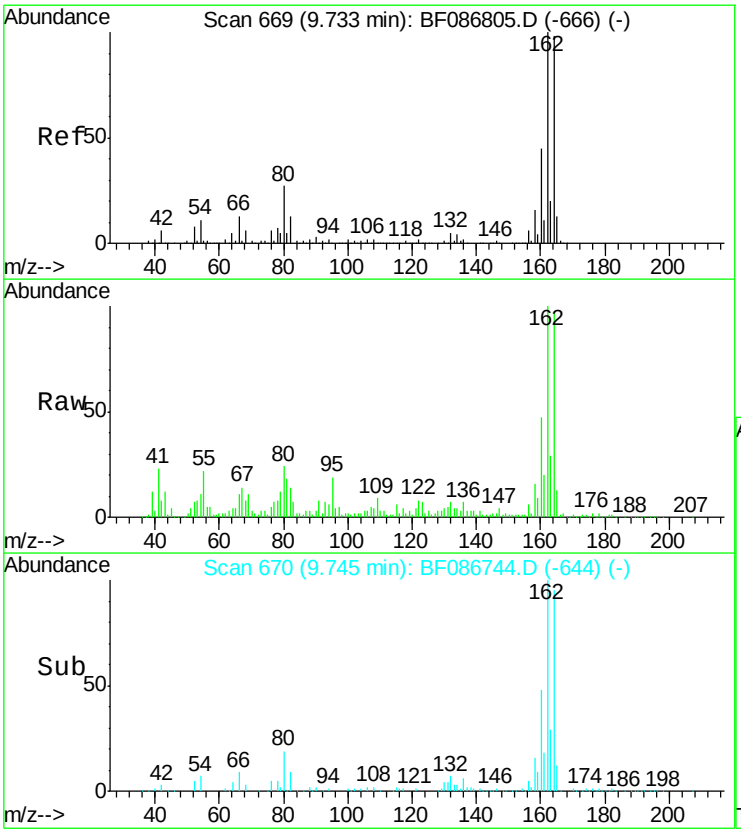
#23
Nitrobenzene-d5
Concen: 100.17 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion: 82 Resp: 1269090

Ion	Ratio	Lower	Upper
82	100		
128	38.2	40.6	61.0#
54	72.1	38.1	57.1#

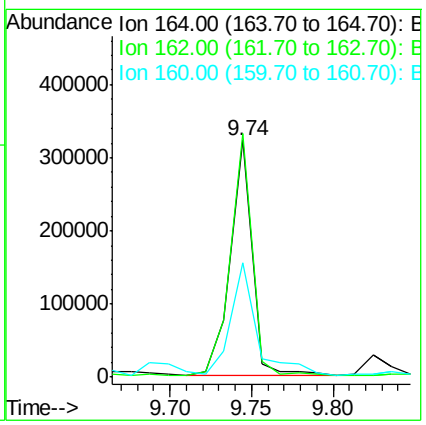


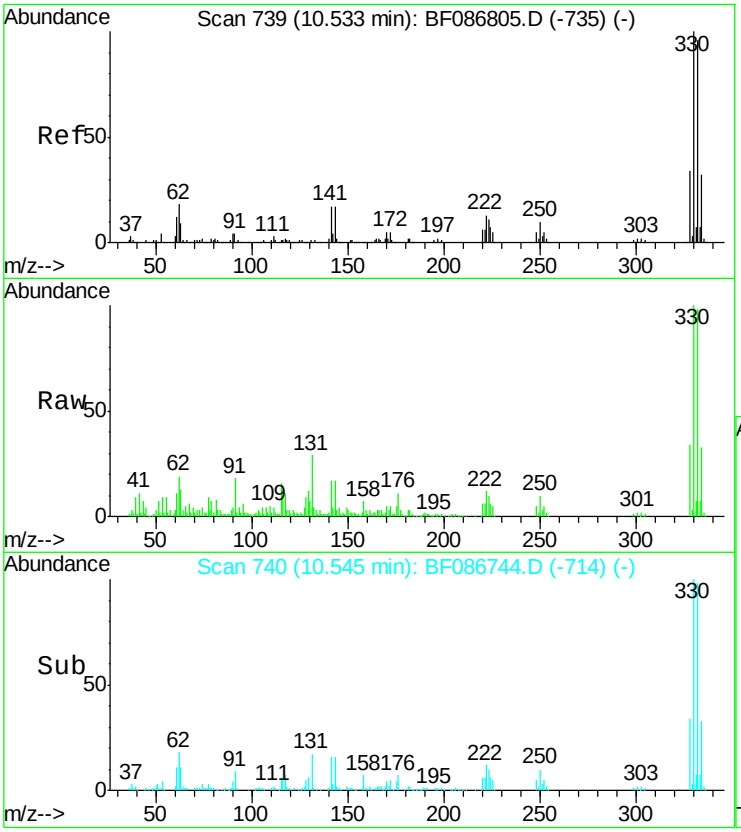


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:164 Resp: 296204

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	48.4	36.9	55.3



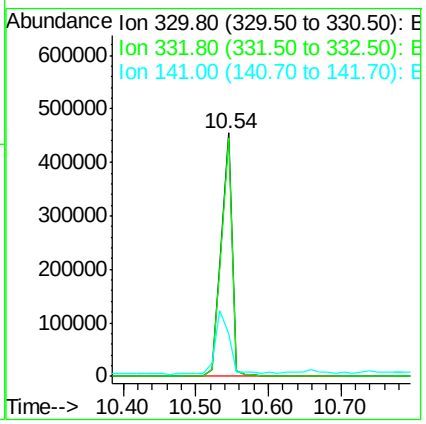


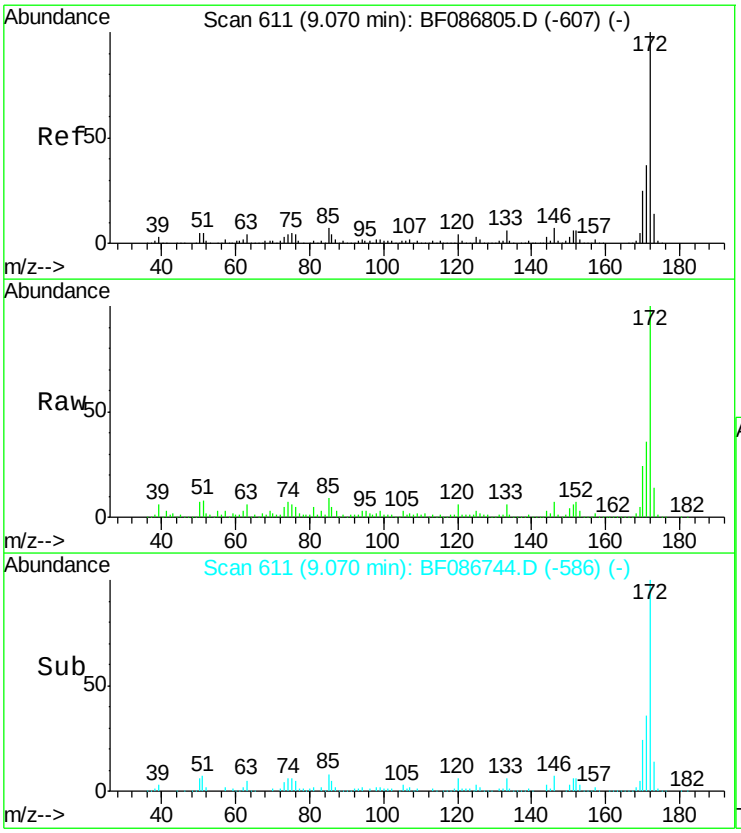
#41
2,4,6-Tribromophenol
Concen: 165.86 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:330 Resp: 480575

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	32.9	31.2	46.8

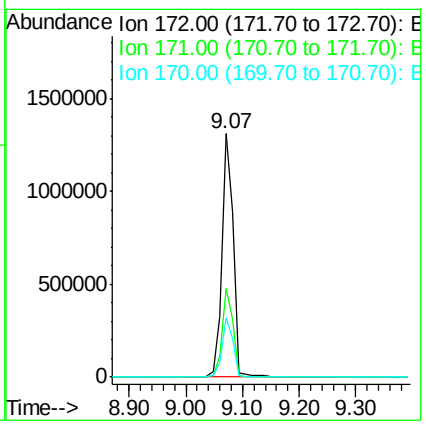


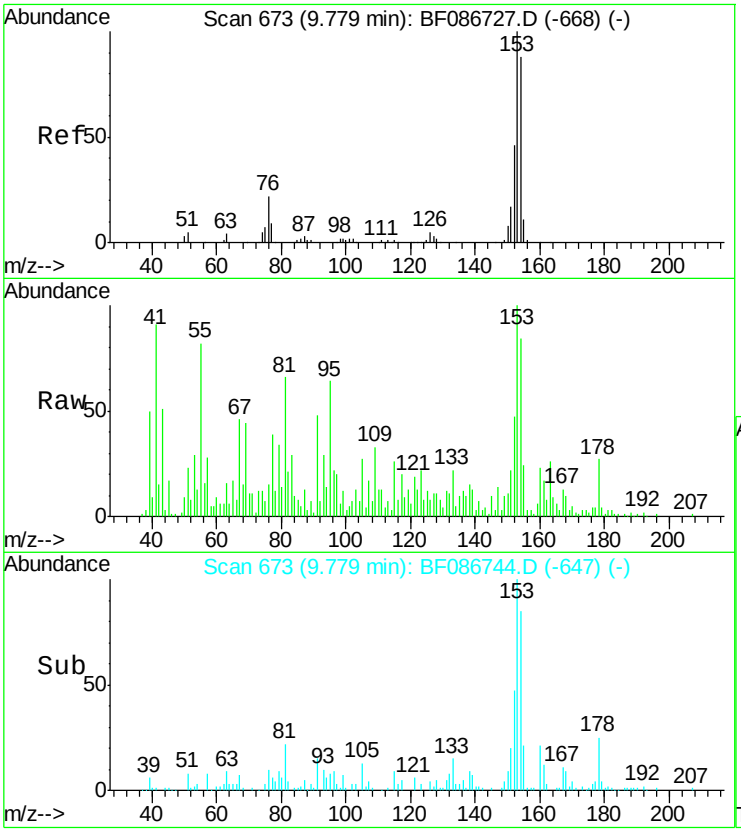


#44
2-Fluorobiphenyl
Concen: 100.03 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:172 Resp: 1807438

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8



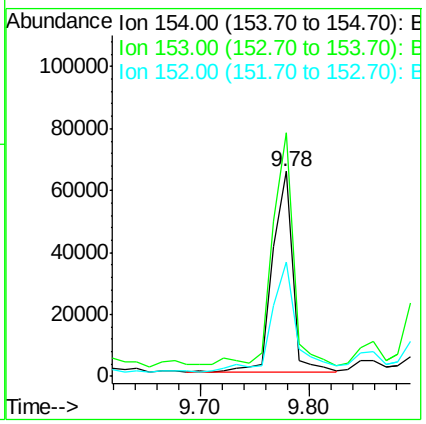


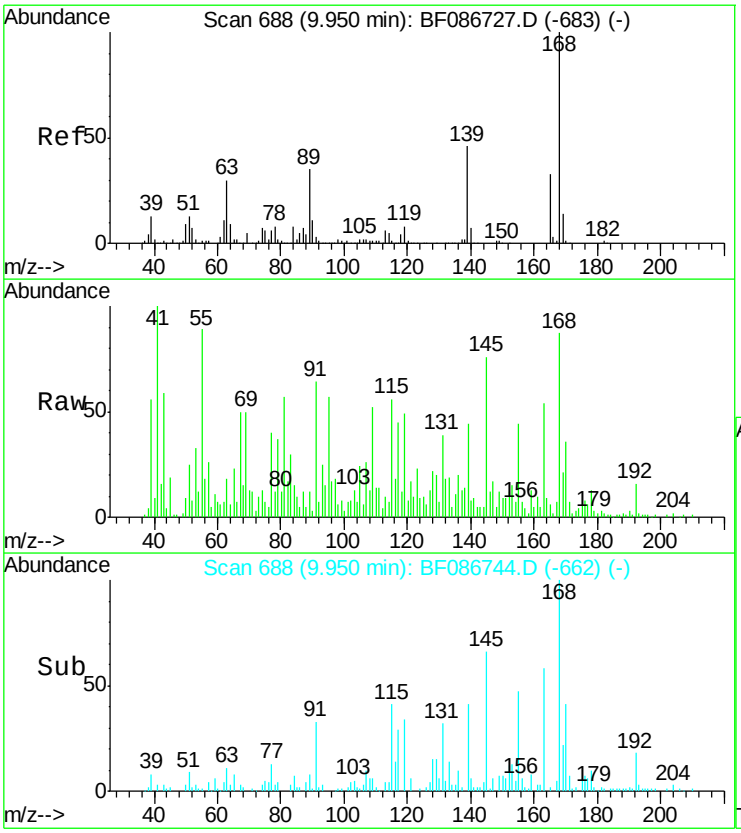
#51
Acenaphthene
Concen: 4.41 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:154 Resp: 80760

Ion	Ratio	Lower	Upper
154	100		
153	118.8	89.8	134.6
152	55.6	43.4	65.0

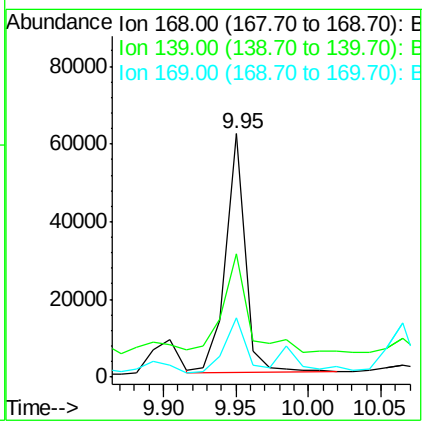


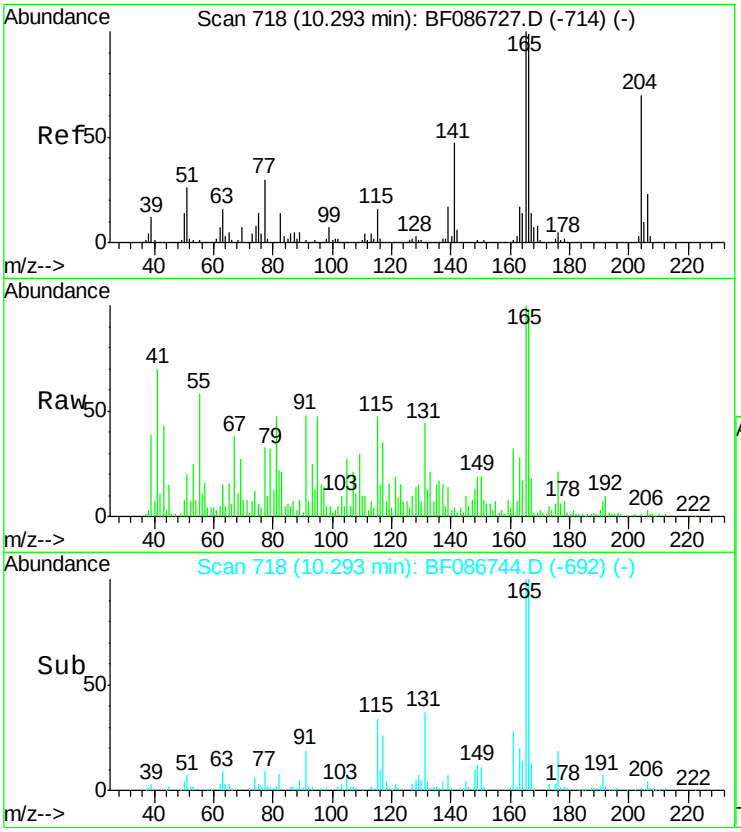


#54
Dibenzofuran
Concen: 2.53 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:168 Resp: 57282

Ion	Ratio	Lower	Upper
168	100		
139	50.9	31.4	47.0#
169	24.3	10.7	16.1#



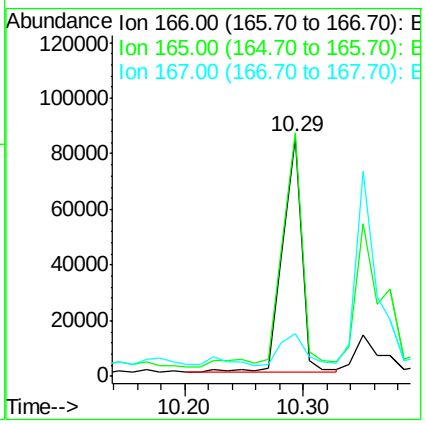


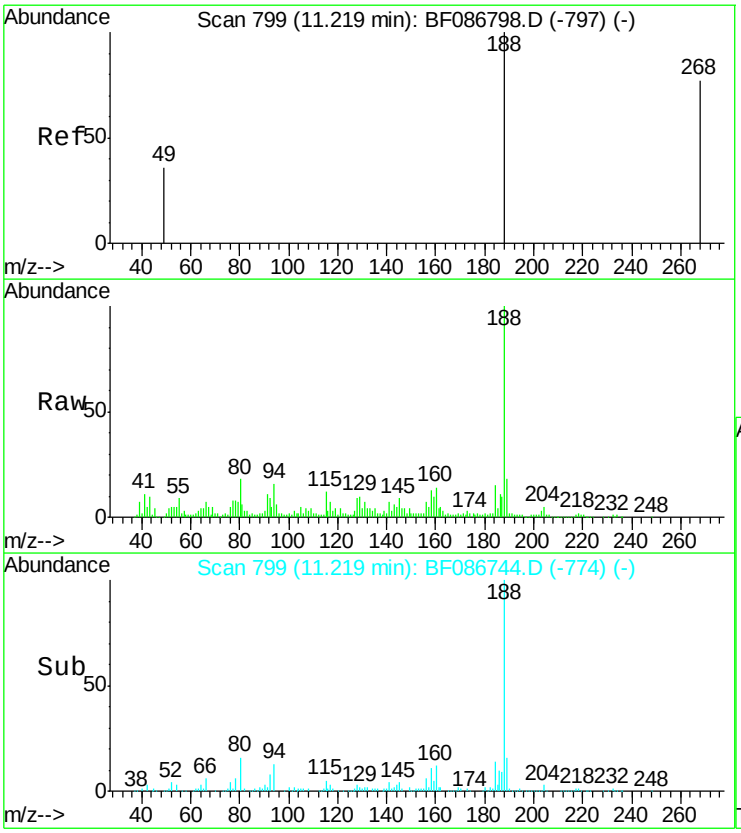
#57
Fluorene
Concen: 5.14 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:166 Resp: 94441

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.0	118.6
167	18.1	10.6	15.8#

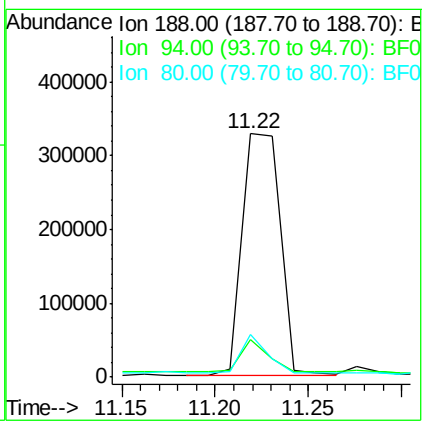


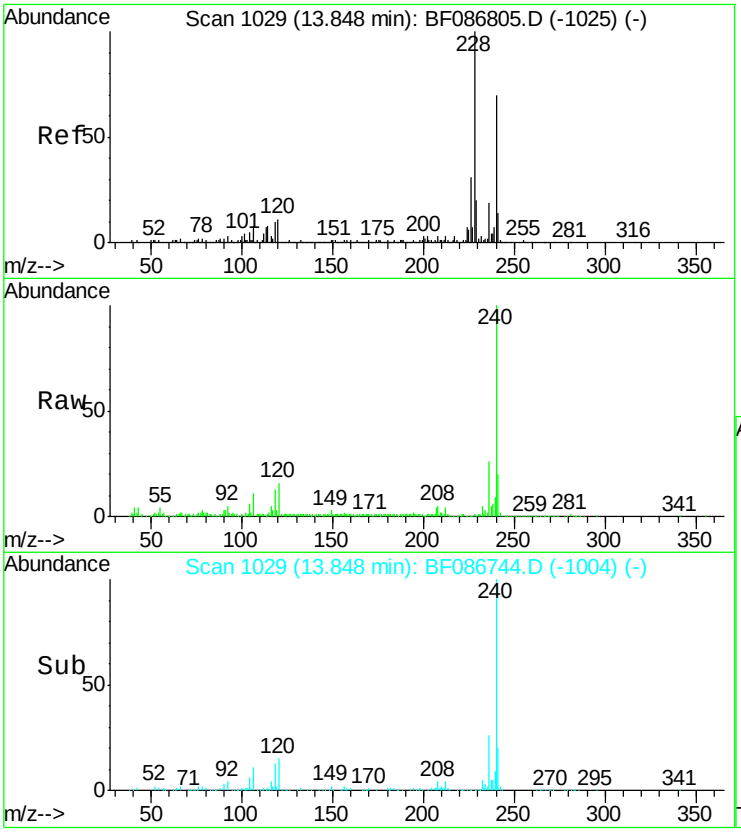


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:188 Resp: 462490

Ion	Ratio	Lower	Upper
188	100		
94	15.6	6.8	10.2#
80	17.7	7.1	10.7#



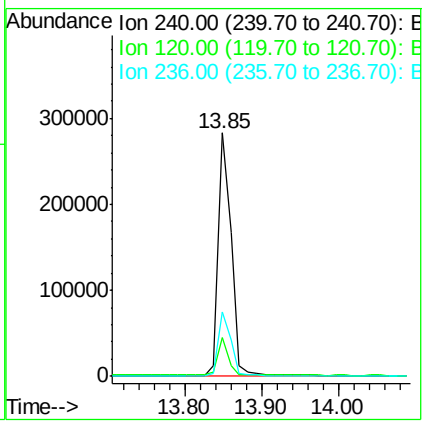


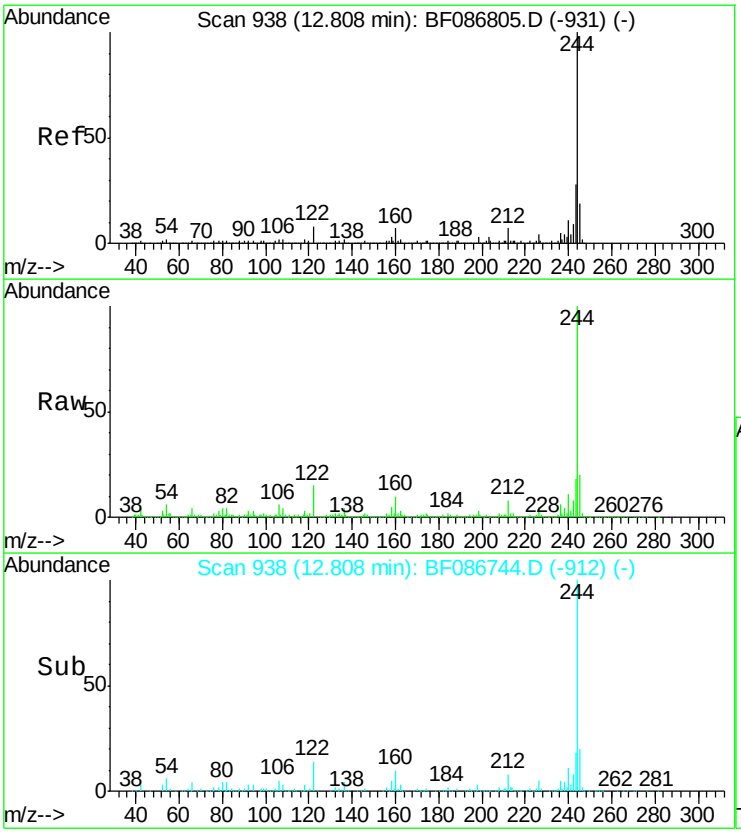
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:240 Resp: 334550

Ion	Ratio	Lower	Upper
240	100		
120	15.9	11.2	16.8
236	26.5	21.2	31.8

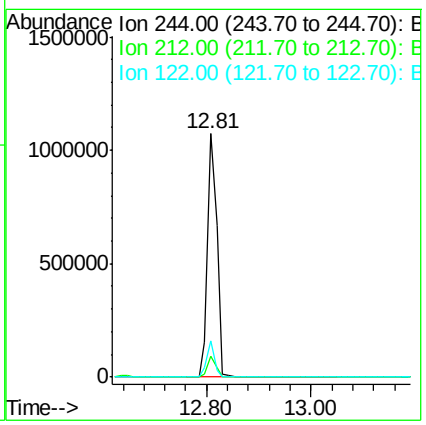


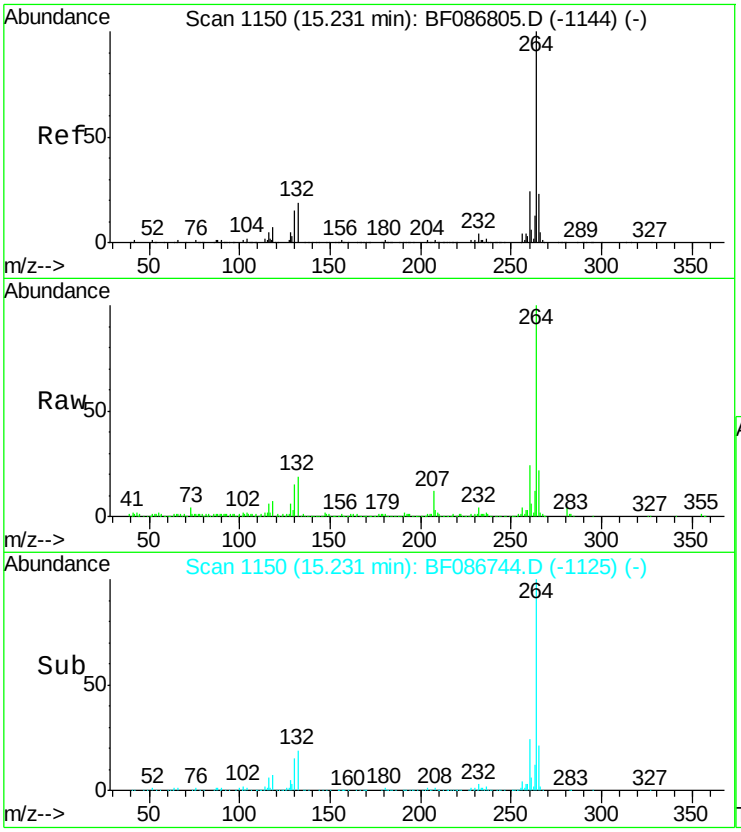


#78
Terphenyl-d14
Concen: 79.75 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Tgt Ion:244 Resp: 1320088

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	14.8	12.0	18.0





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:264 Resp: 284558

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.3	25.9