Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098339.D
Acq On : 8 Sep 2017 3:42
Operator : SJ/JU
Sample : I5131-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 090517-TIDO-F-D-S

Quant Time: Sep 08 04:42:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	101317	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	385547	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	155436	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	265467	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	226266	20.00	ng	-0.02
86) Perylene-d12	15.25	264	150527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	302359	45.39	ng	-0.01
7) Phenol-d6	6.33	99	260513	28.79	ng	-0.02
23) Nitrobenzene-d5	7.26	82	683094	96.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	120634	89.45	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1015996	96.03	ng	-0.02
78) Terphenyl-d14	12.80	244	733589	67.61	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.99	128	272735	13.626	ng	99
37) 2-Methylnaphthalene	8.69	142	40723	3.319	ng	97
51) Acenaphthene	9.76	154	54534	5.258	ng	98
54) Dibenzofuran	9.93	168	58857	4.234	ng	97
57) Fluorene	10.27	166	49371	4.594	ng	99
70) Phenanthrene	11.23	178	149159	10.544	ng	97
74) Fluoranthene	12.42	202	51222	3.469	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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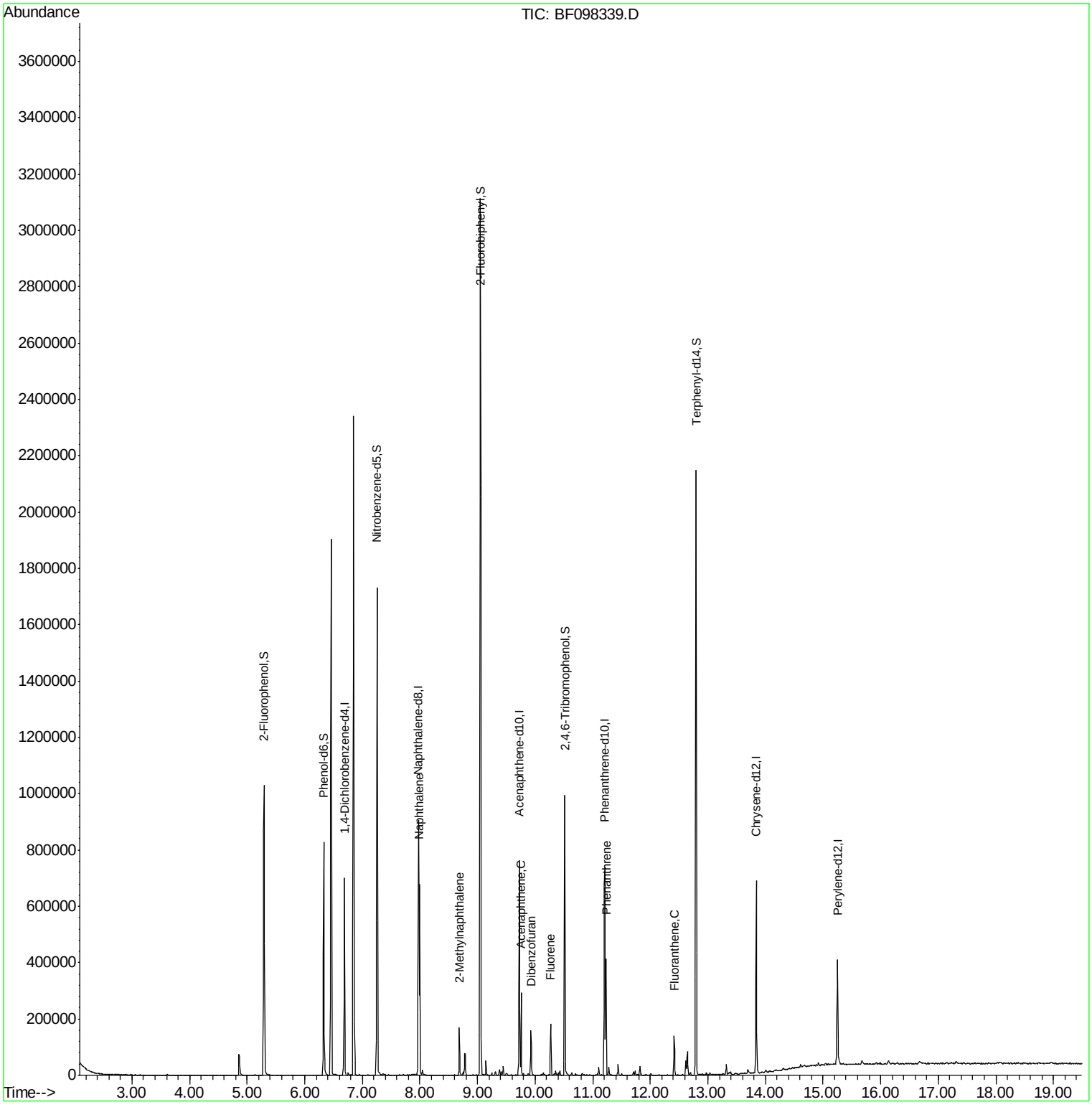
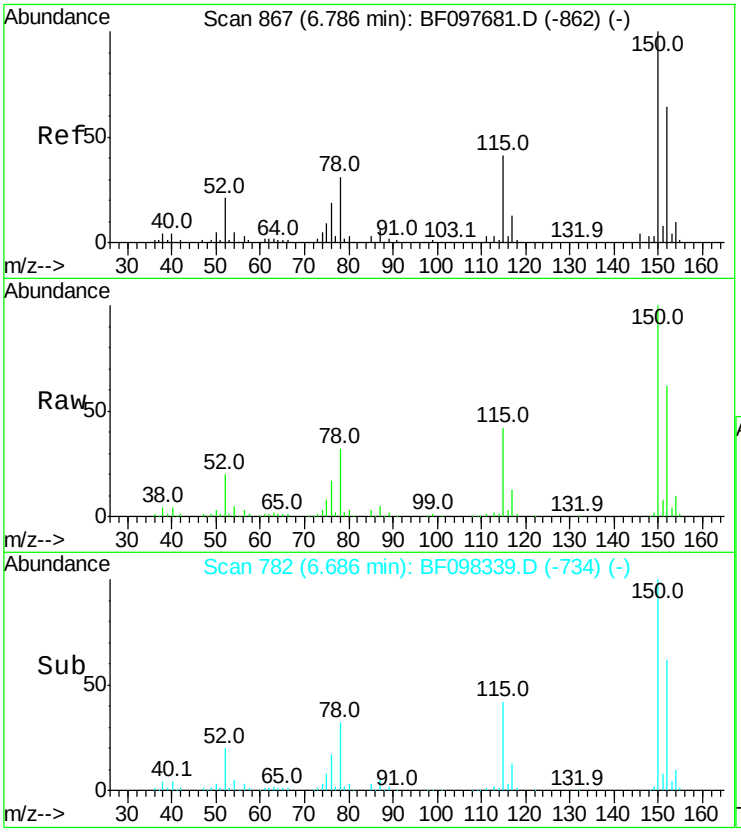


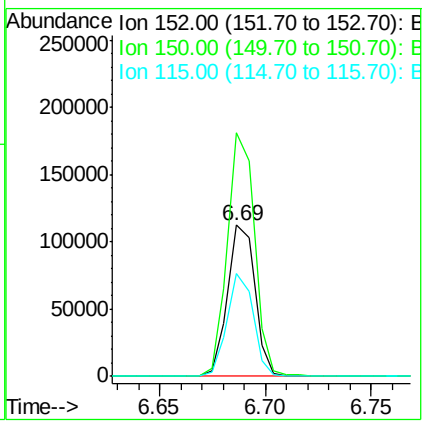


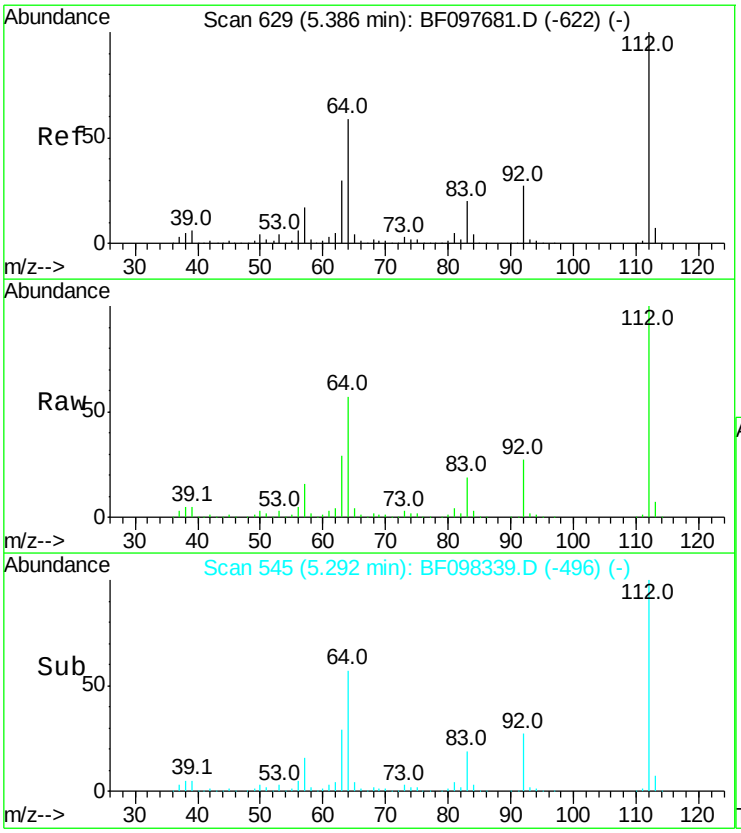
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:152 Resp: 101317

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	68.2	52.2	78.2

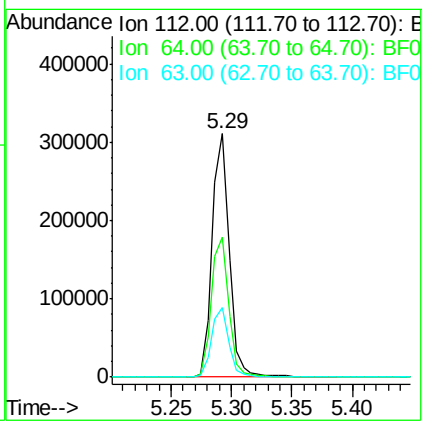


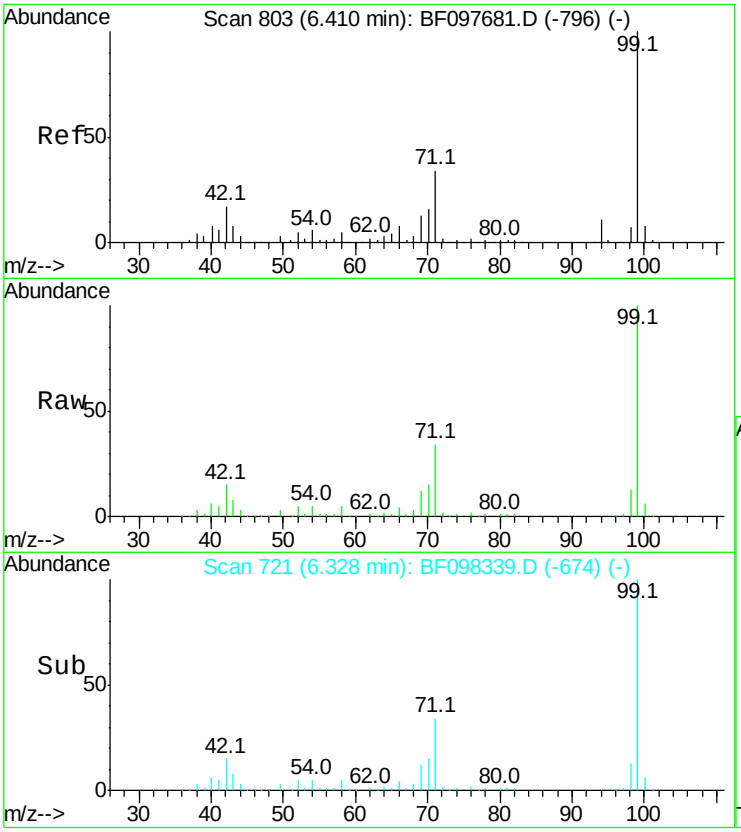


#5
2-Fluorophenol
Concen: 45.393 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:112 Resp: 302359

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	28.6	23.4	35.0



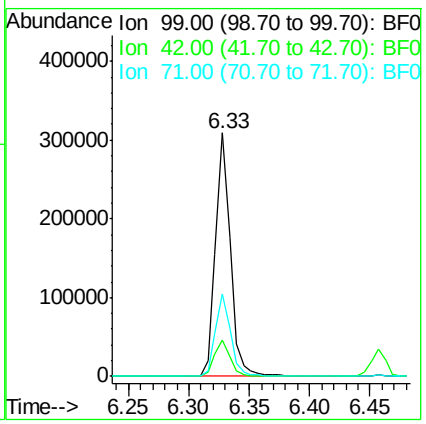


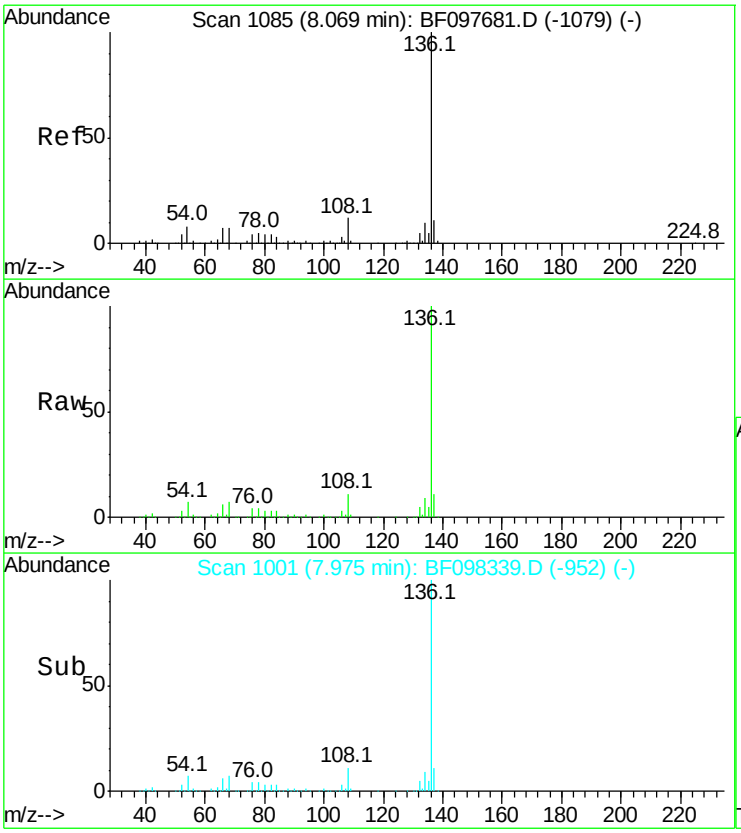
#7
Phenol-d6
Concen: 28.785 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion: 99 Resp: 260513

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	34.0	24.5	36.7

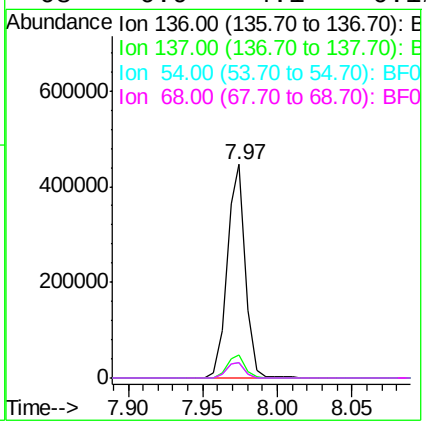


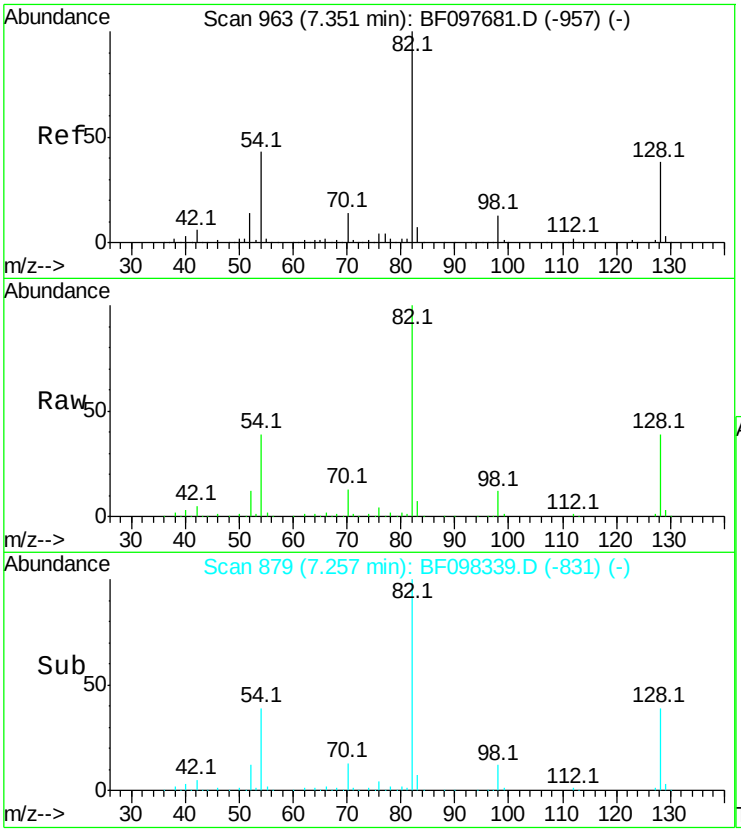


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:136 Resp: 385547

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	6.9	4.1	6.1#



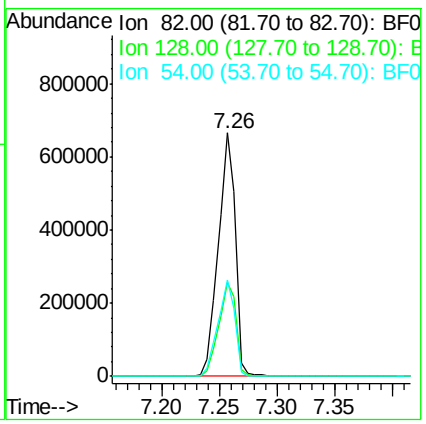


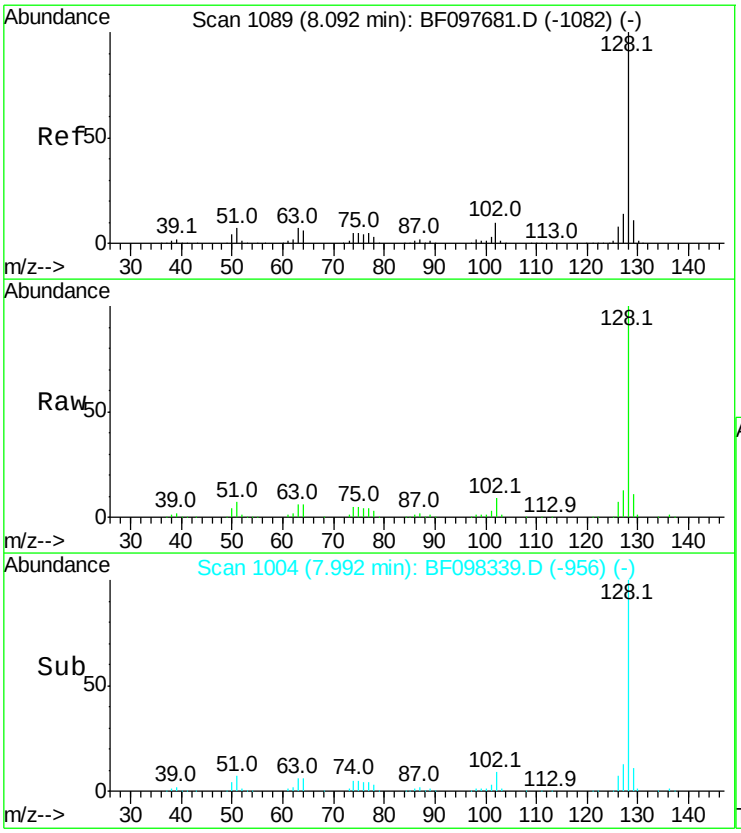
#23
Nitrobenzene-d5
Concen: 96.250 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion: 82 Resp: 683094

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.0	51.0
54	39.3	42.2	63.2#

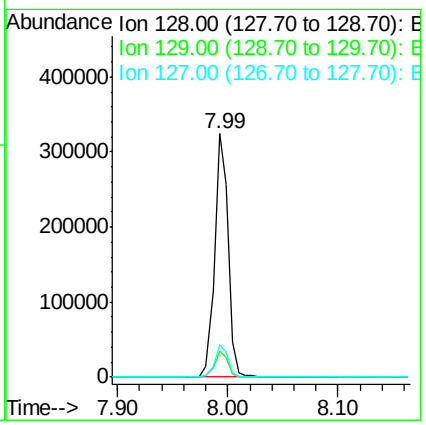


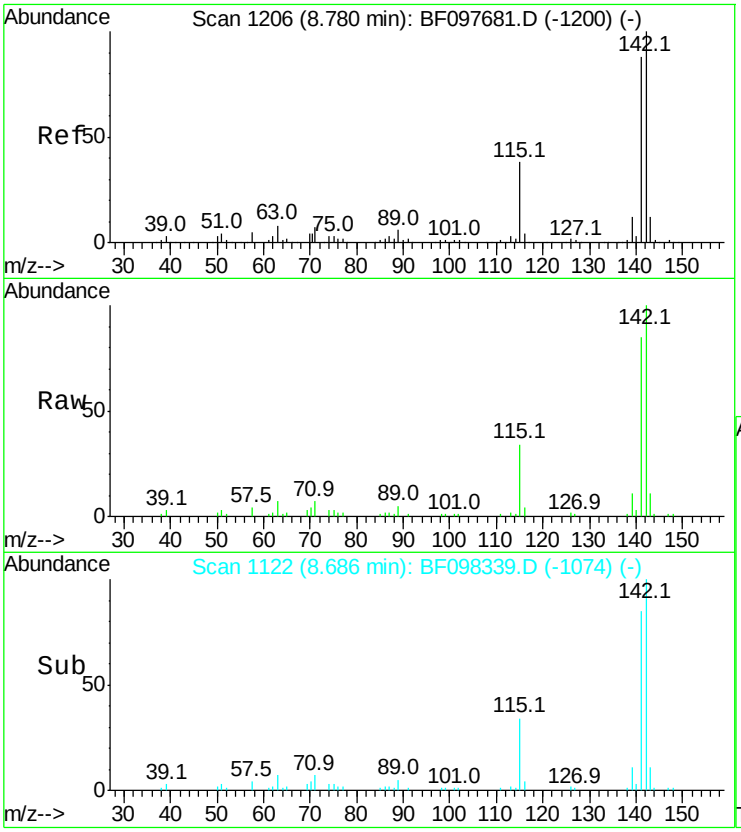


#31
Naphthalene
Concen: 13.626 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:128 Resp: 272735

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.8	16.2



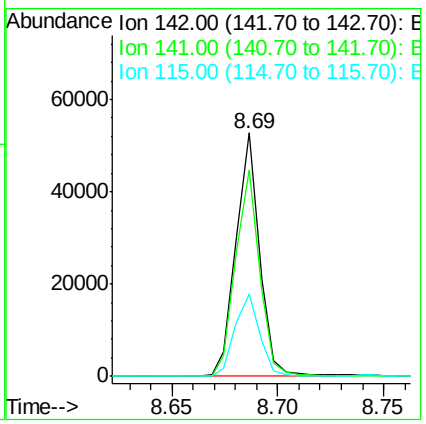


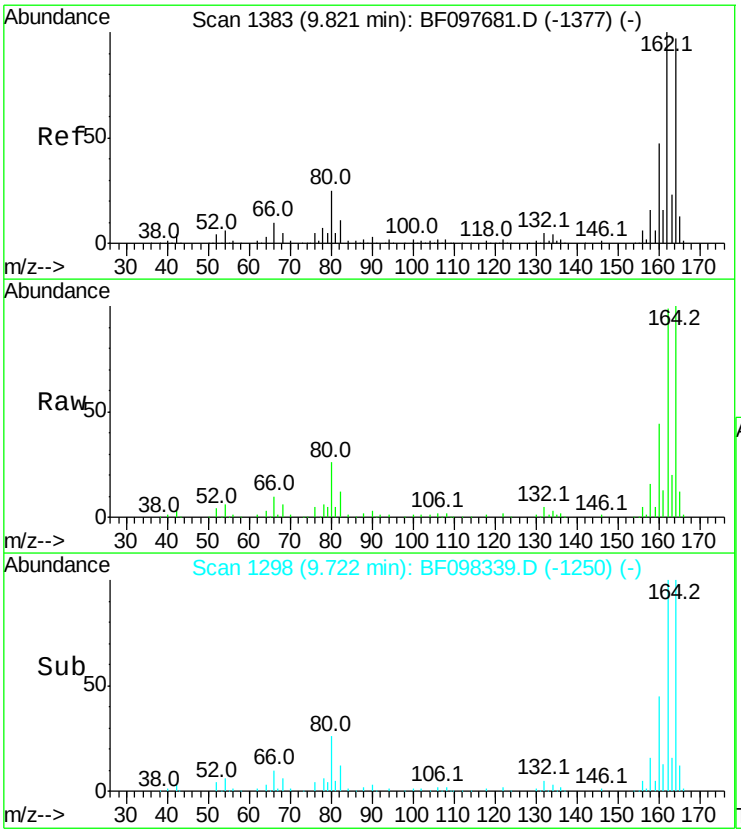
#37
2-Methylnaphthalene
Concen: 3.319 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:142 Resp: 40723

Ion	Ratio	Lower	Upper
142	100		
141	85.0	71.3	106.9
115	33.8	27.1	40.7

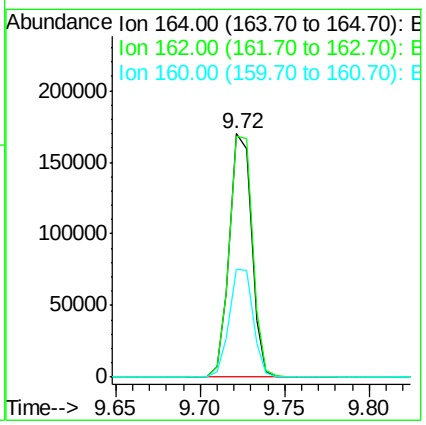


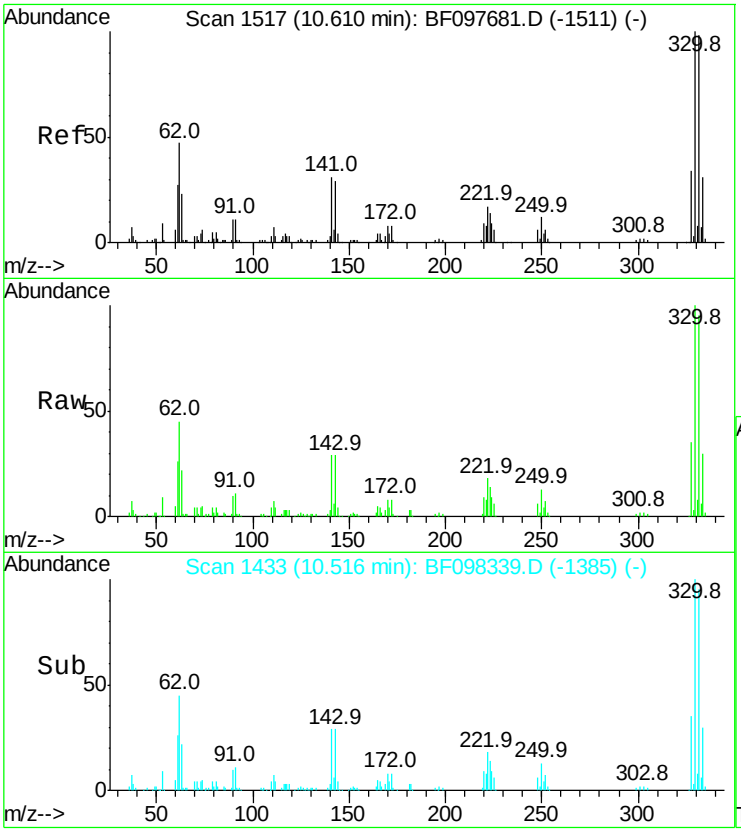


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:164 Resp: 155436

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.6	123.8
160	44.3	36.2	54.2



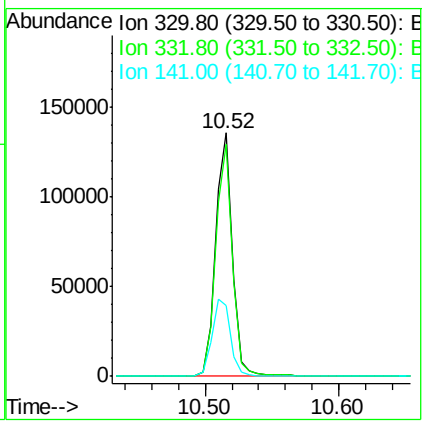


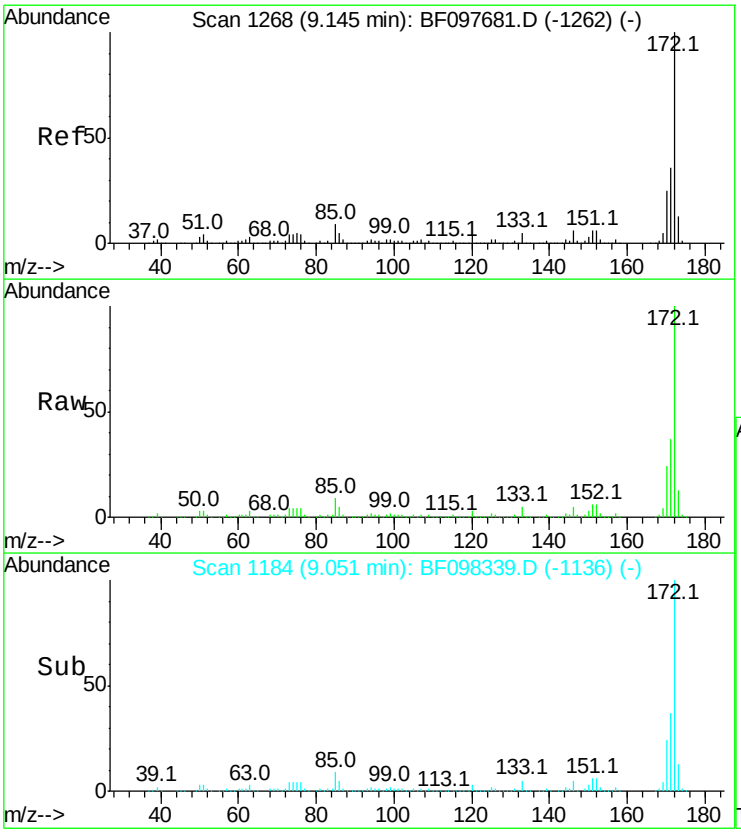
#41
2,4,6-Tribromophenol
Concen: 89.447 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:330 Resp: 120634

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	35.1	31.4	47.2

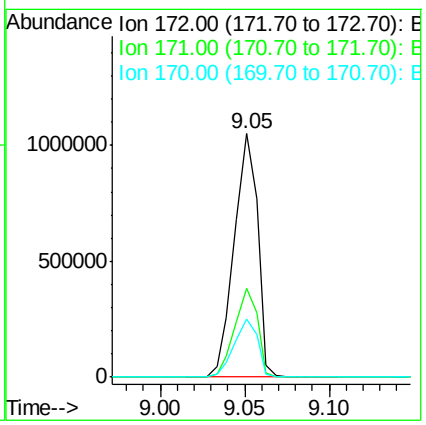


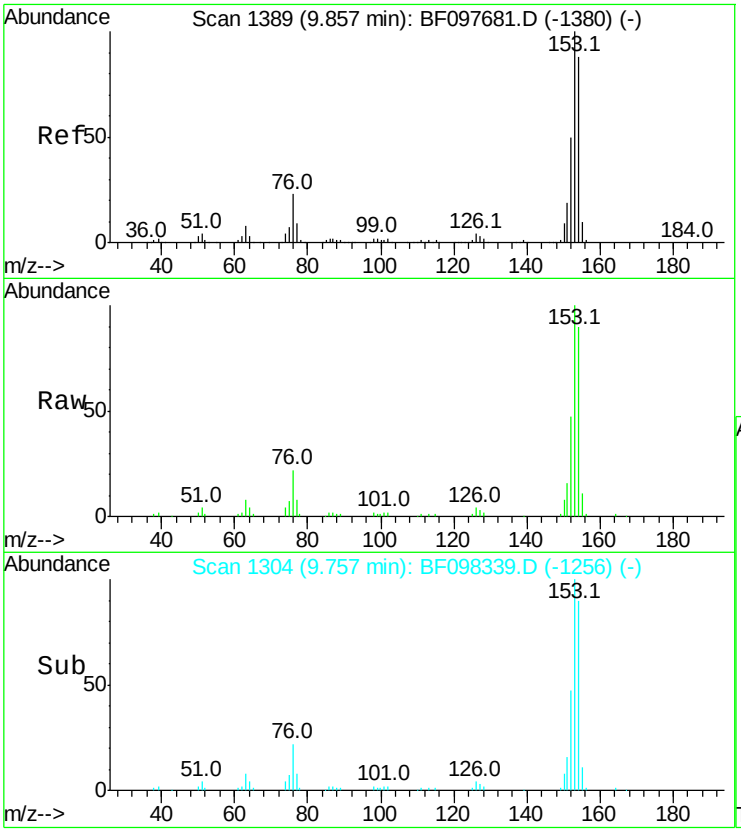


#44
2-Fluorobiphenyl
Concen: 96.034 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:172 Resp: 1015996

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8



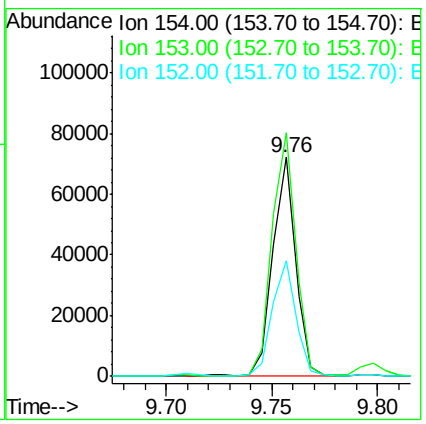


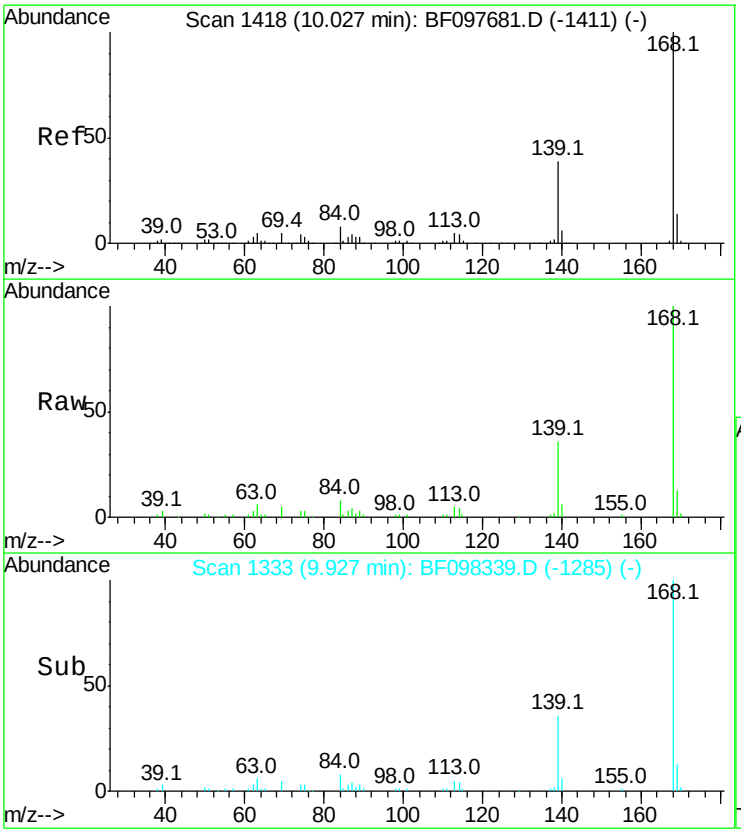
#51
Acenaphthene
Concen: 5.258 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:154 Resp: 54534

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	52.6	43.6	65.4

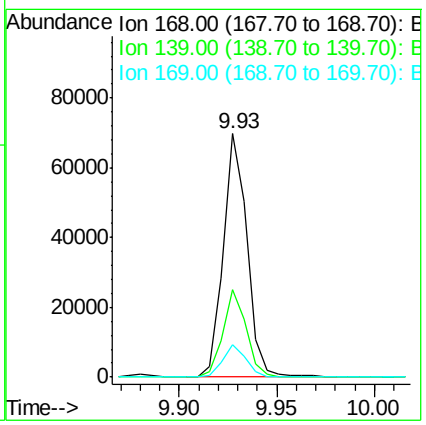


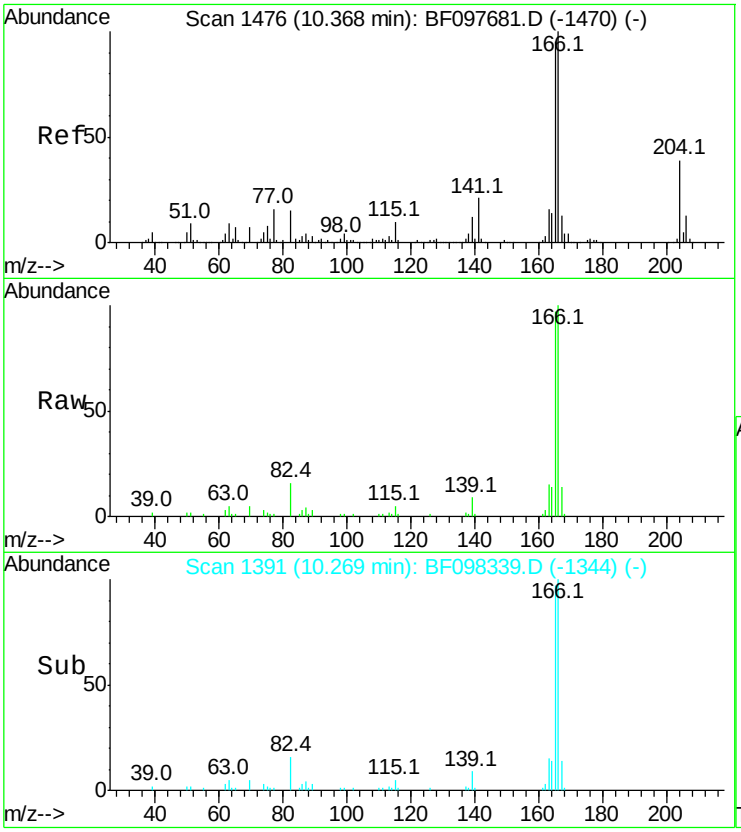


#54
Dibenzofuran
Concen: 4.234 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:168 Resp: 58857

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.2	10.8	16.2



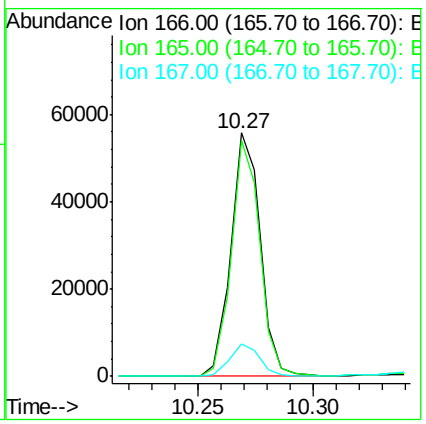


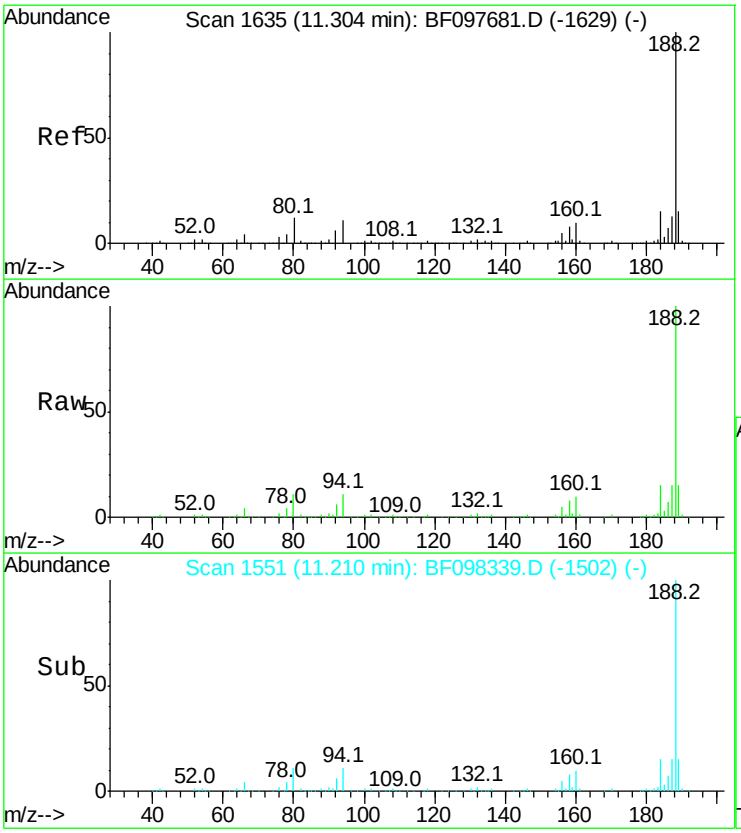
#57
Fluorene
Concen: 4.594 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:166 Resp: 49371

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	13.5	10.6	16.0

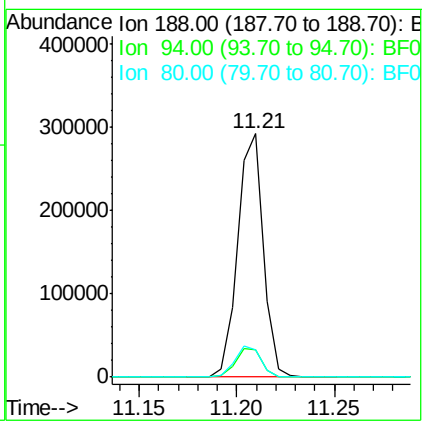


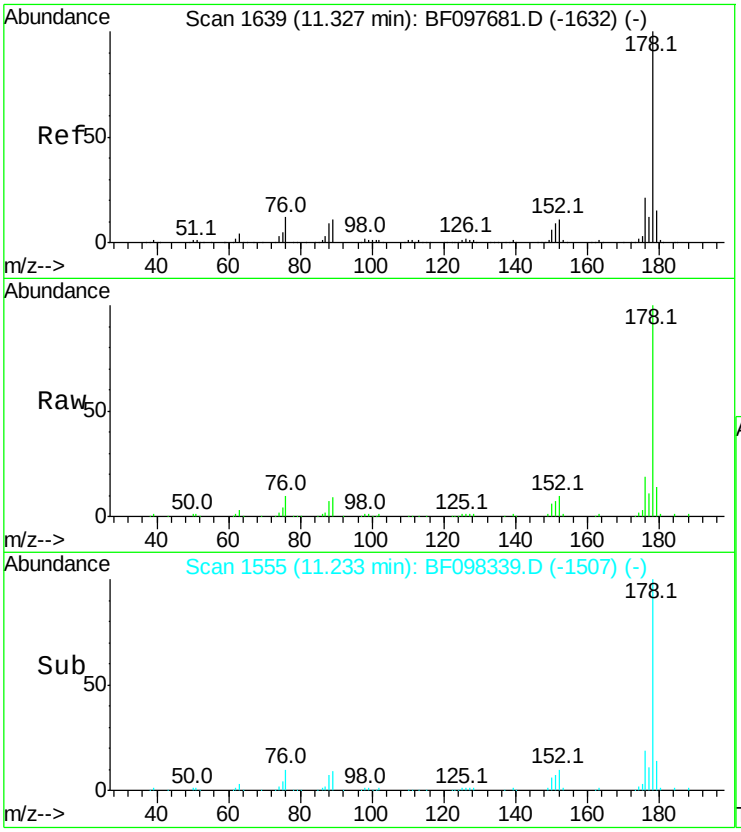


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:188 Resp: 265467

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.2	10.2	15.2



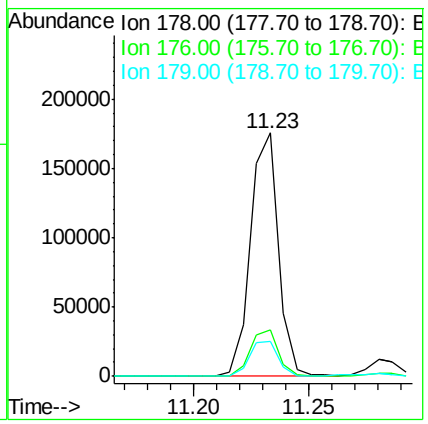


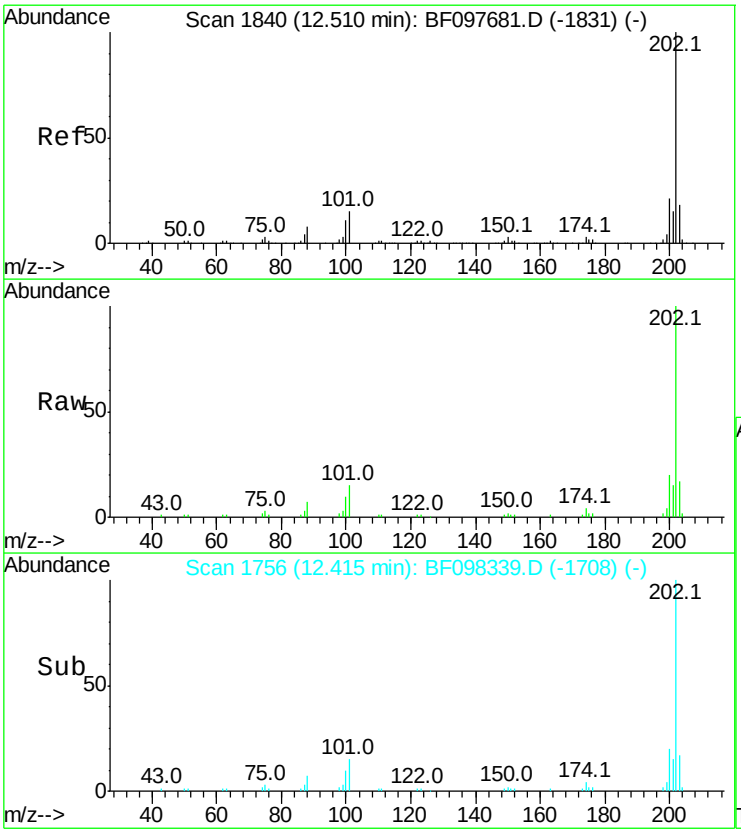
#70
Phenanthrene
Concen: 10.544 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:178 Resp: 149159

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.5	12.6	19.0

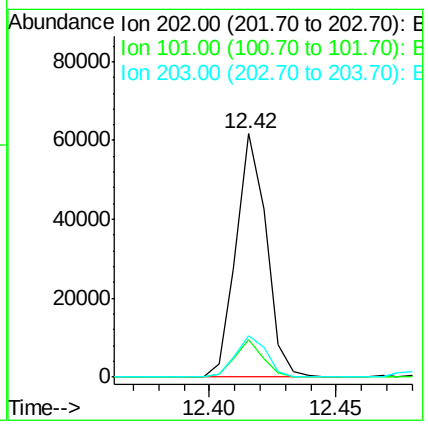


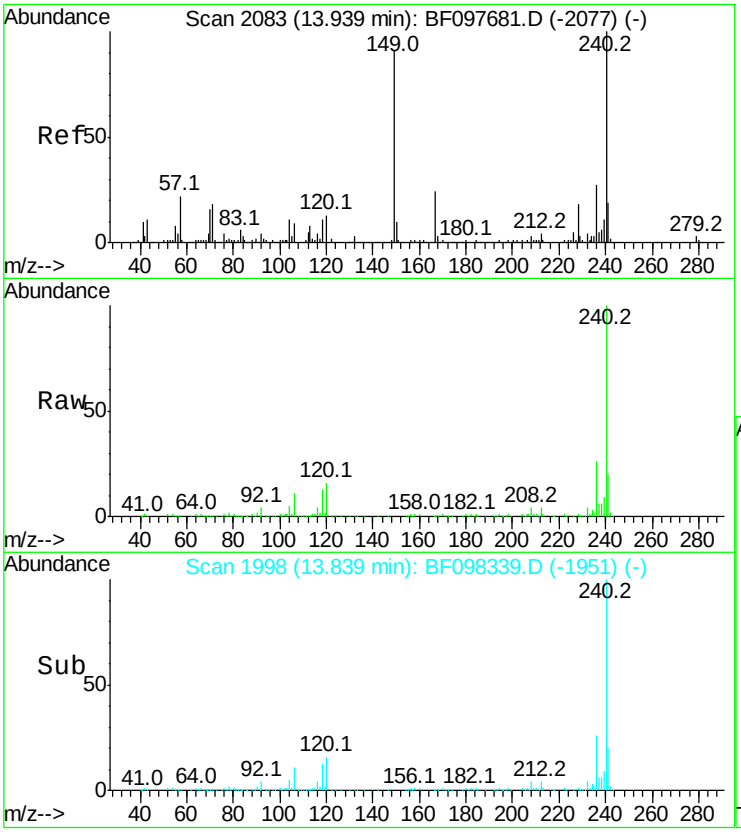


#74
Fluoranthene
Concen: 3.469 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:202 Resp: 51222

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.2
203	17.2	0.0	38.1



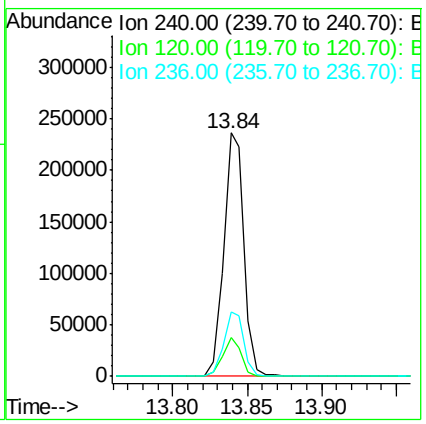


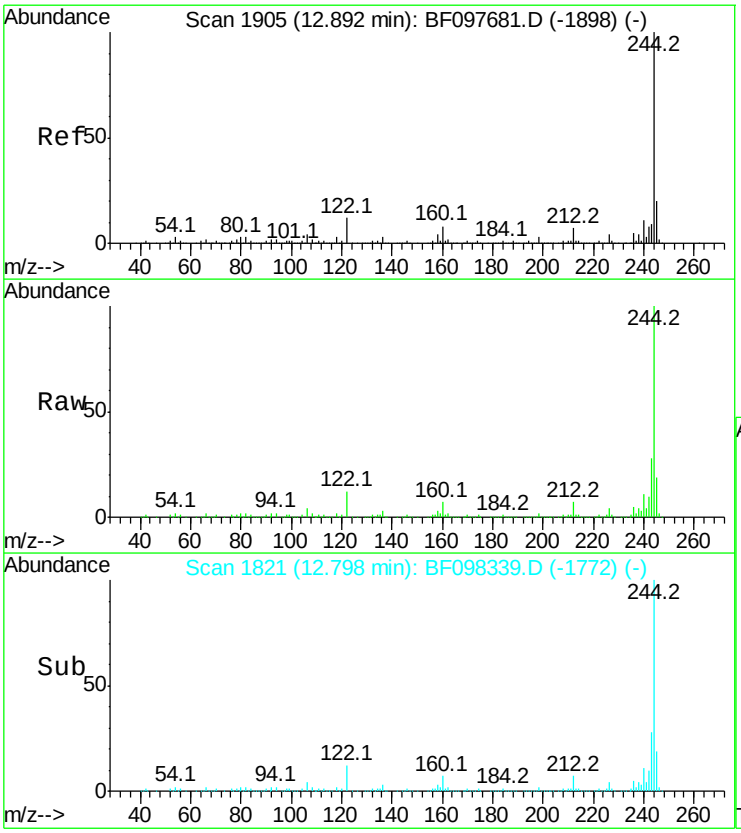
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:240 Resp: 226266

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	26.3	20.5	30.7

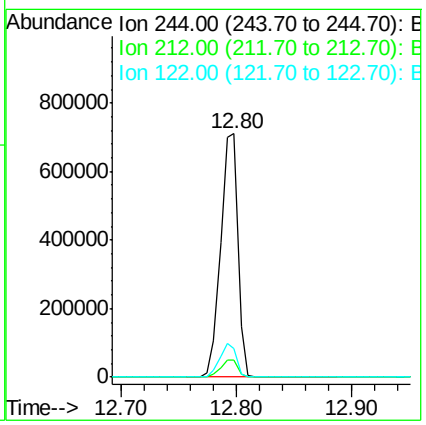


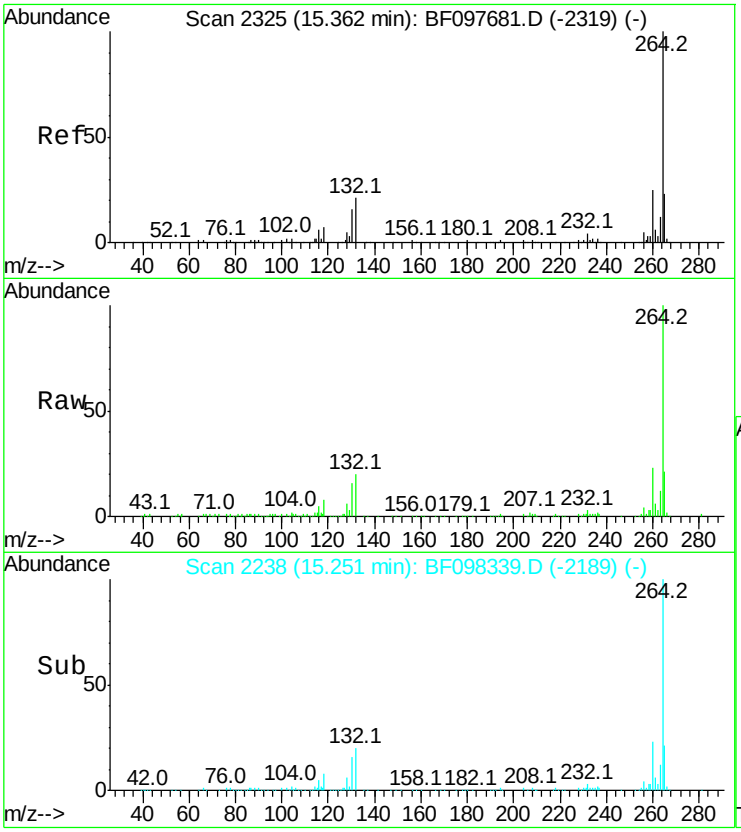


#78
Terphenyl-d14
Concen: 67.610 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:244 Resp: 733589

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-S

Tgt Ion:264 Resp: 150527

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8