Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090655.D
Acq On : 19 Oct 2016 18:42
Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Time: Oct 20 01:40:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	217028	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	945347	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	510011	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	840956	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	655513	20.00	ng	-0.01
86) Perylene-d12	15.50	264	496179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	757666	64.00	ng	0.00
7) Phenol-d6	6.52	99	664391	37.77	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1144230	67.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	543672	119.57	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1989373	64.27	ng	-0.01
78) Terphenyl-d14	13.00	244	1975351	70.16	ng	-0.01
Target Compounds						Qvalue
51) Acenaphthene	9.96	154	78587	2.57	ng	98
57) Fluorene	10.47	166	73343	2.21	ng	99

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

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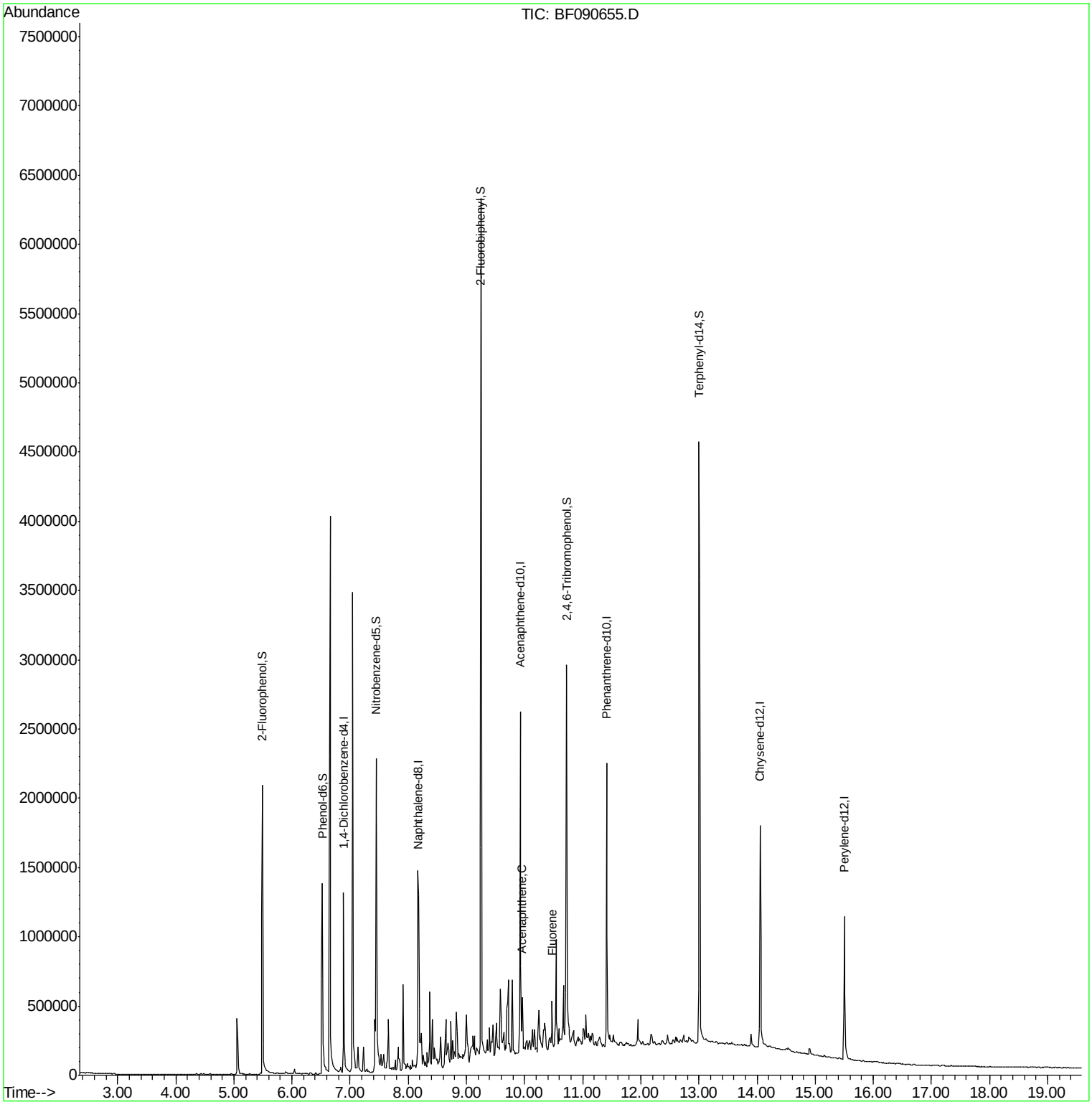
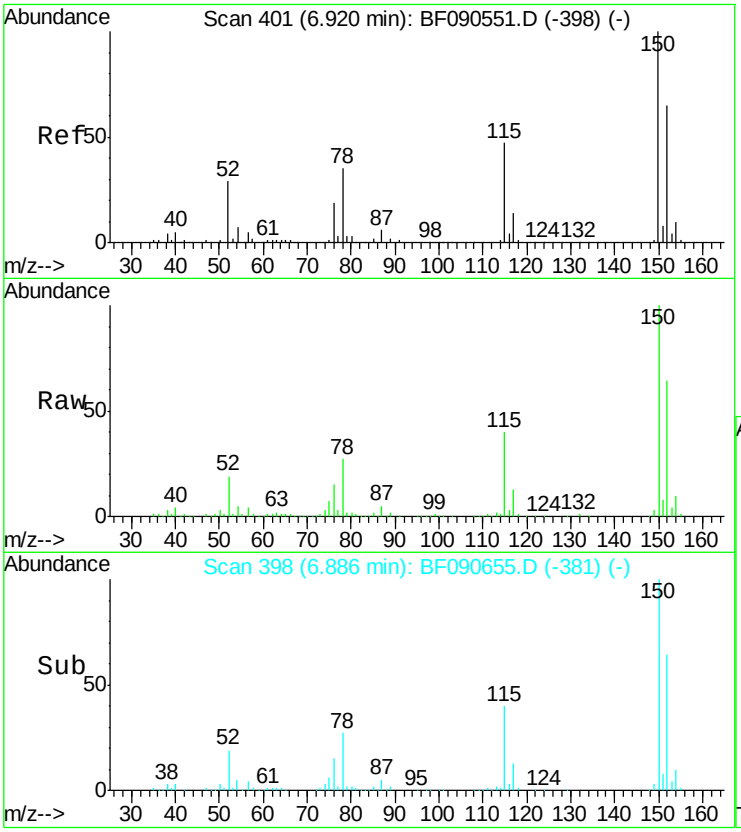


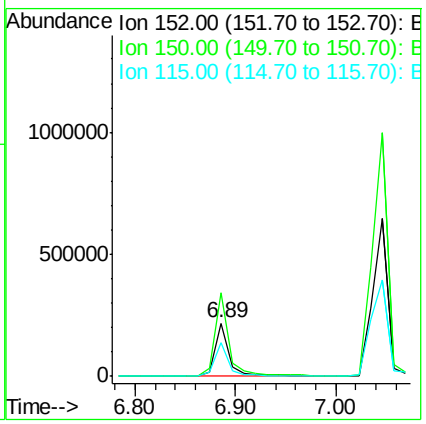


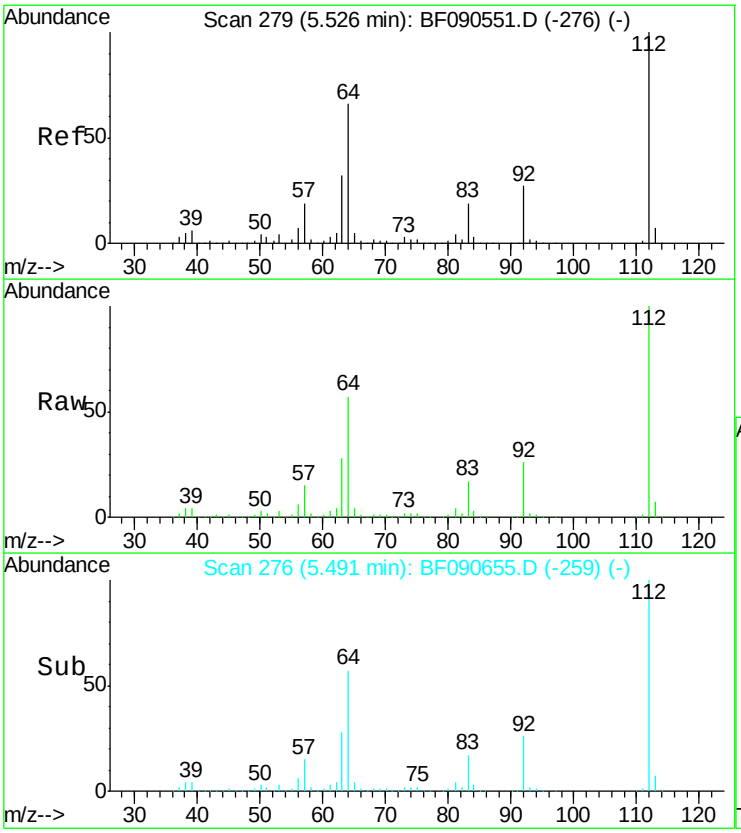
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:152 Resp: 217028

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.2	190.8
115	63.3	58.6	88.0

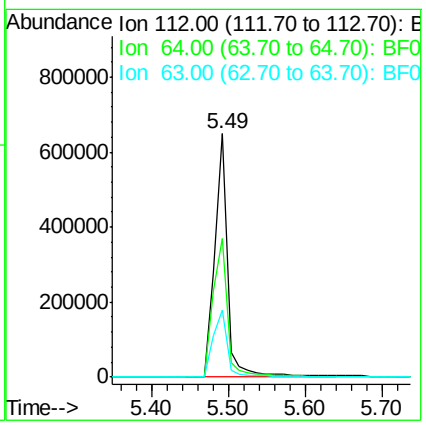


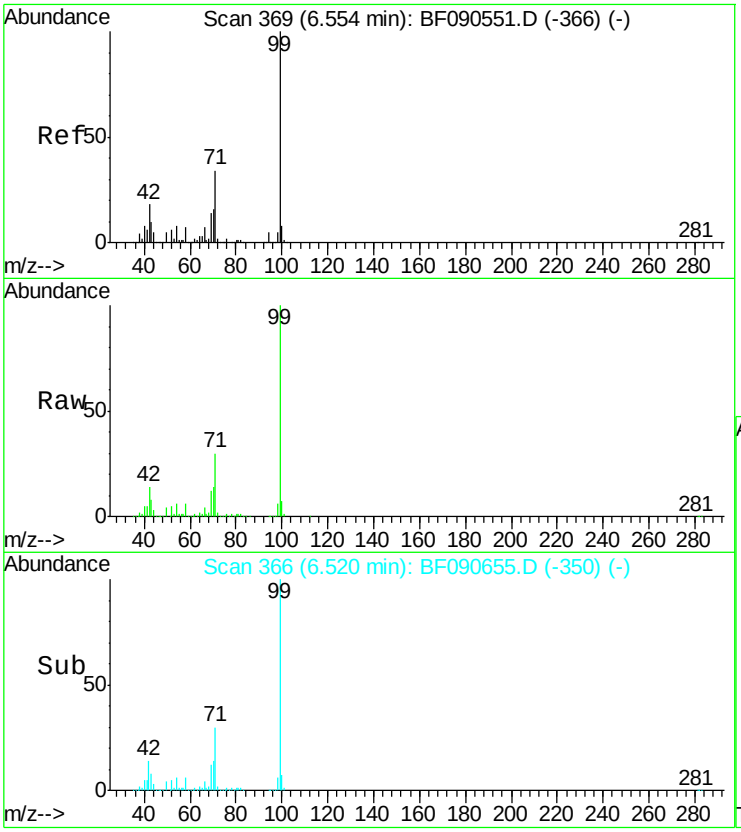


#5
2-Fluorophenol
Concen: 64.00 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:112 Resp: 757666

Ion	Ratio	Lower	Upper
112	100		
64	56.9	52.6	78.8
63	27.7	26.0	39.0



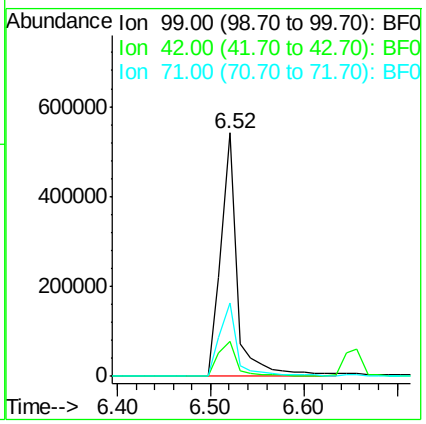


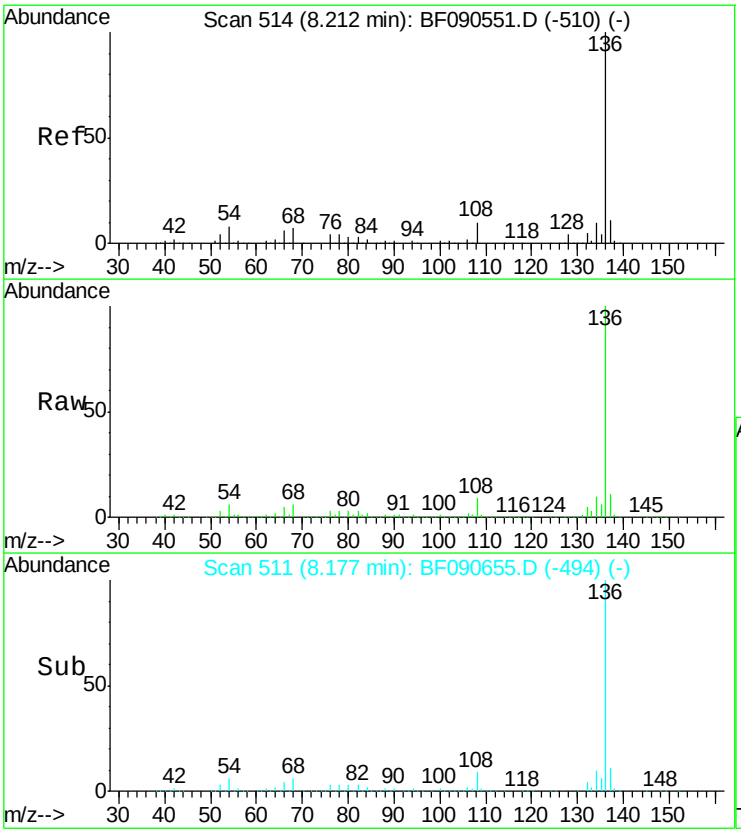
#7
Phenol-d6
Concen: 37.77 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion: 99 Resp: 664391

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.7	22.1#
71	30.2	27.6	41.4

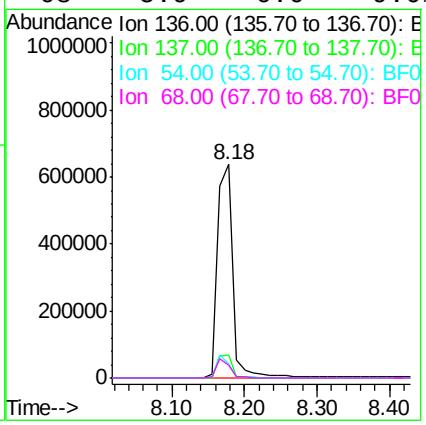


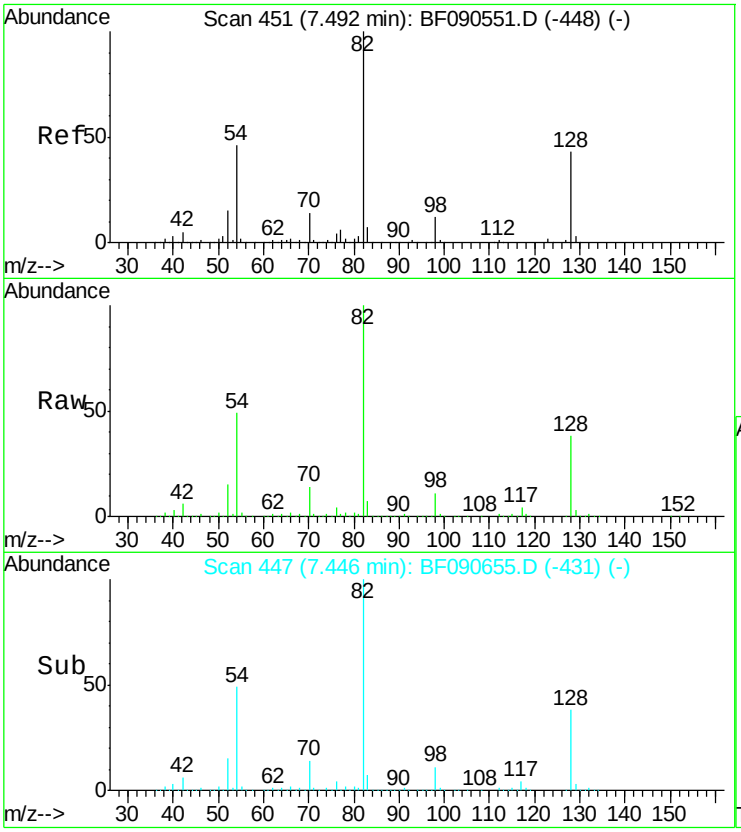


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:136 Resp: 945347

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	6.8	10.2#
68	5.9	6.0	9.0#



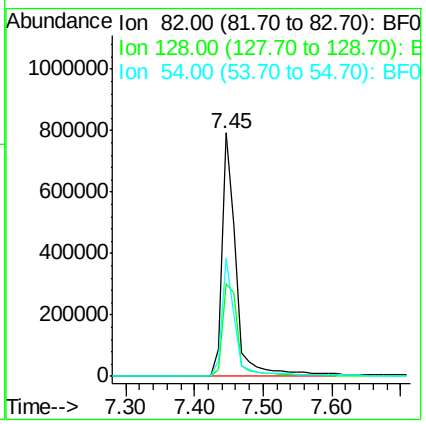


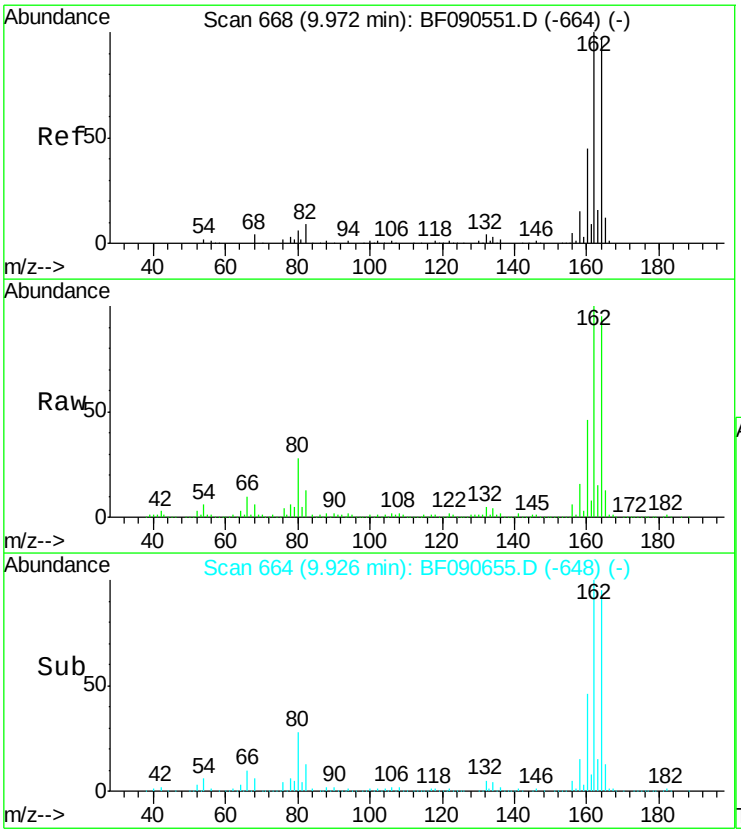
#23
Nitrobenzene-d5
Concen: 67.24 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion: 82 Resp: 1144230

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.3	51.5
54	48.7	37.0	55.6

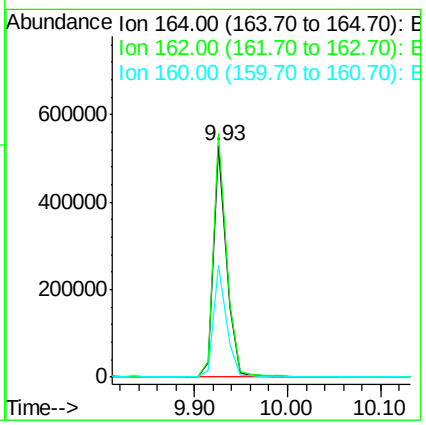


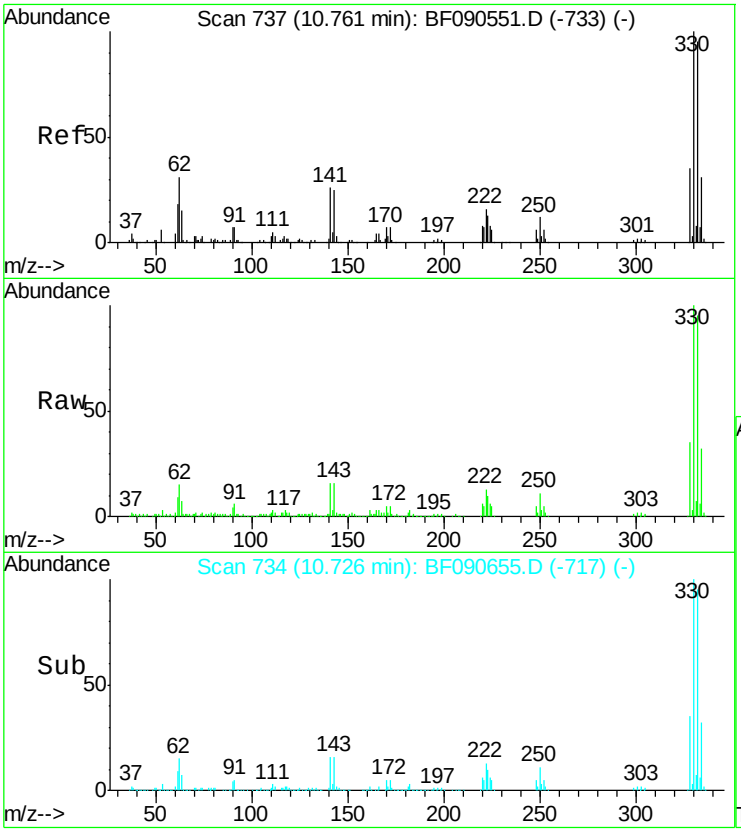


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:164 Resp: 510011

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.4
160	48.3	36.6	55.0



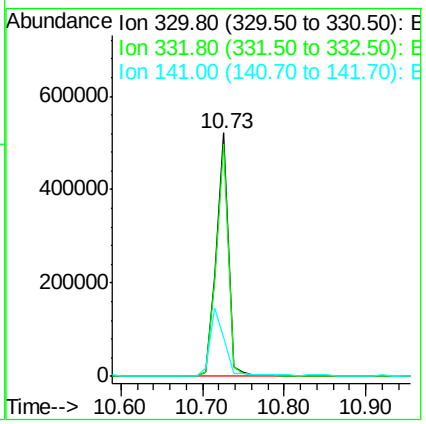


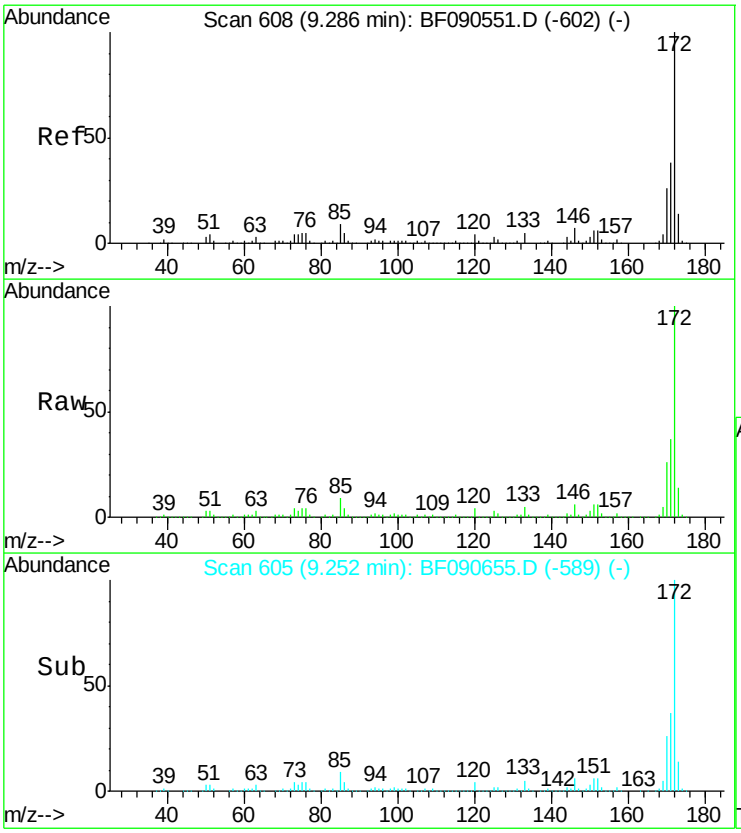
#41
2,4,6-Tribromophenol
Concen: 119.57 ng
RT: 10.73 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:330 Resp: 543672

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.2
141	33.0	31.4	47.2

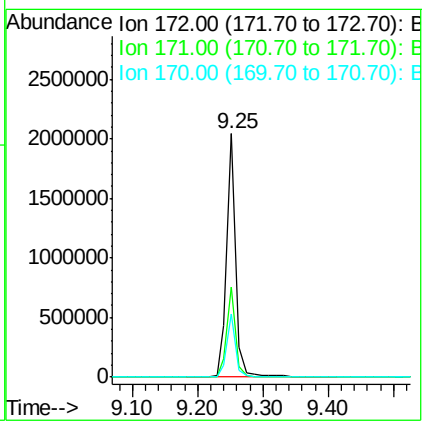


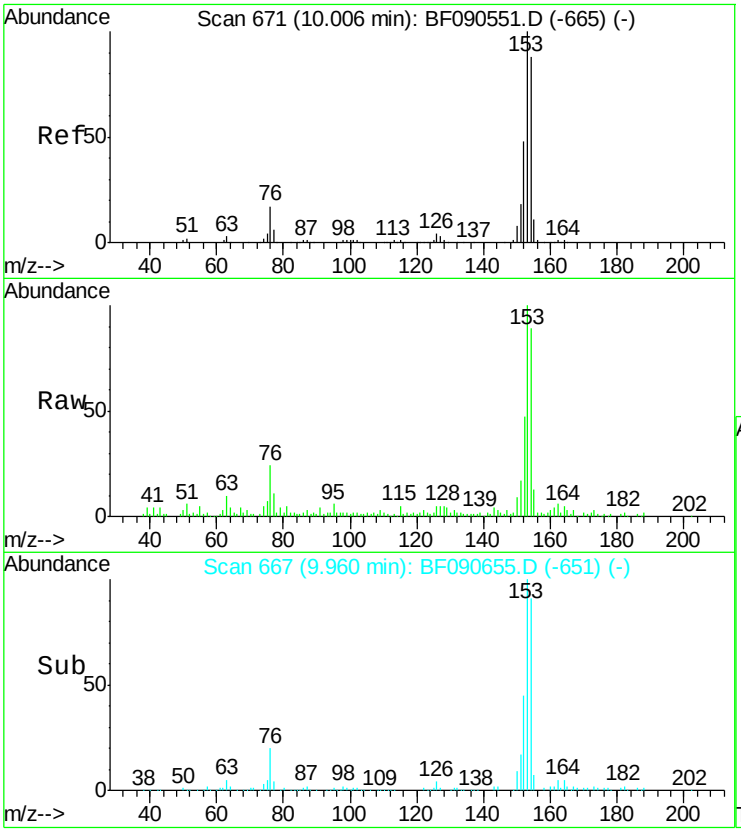


#44
2-Fluorobiphenyl
Concen: 64.27 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:172 Resp: 1989373

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.7	20.6	30.8



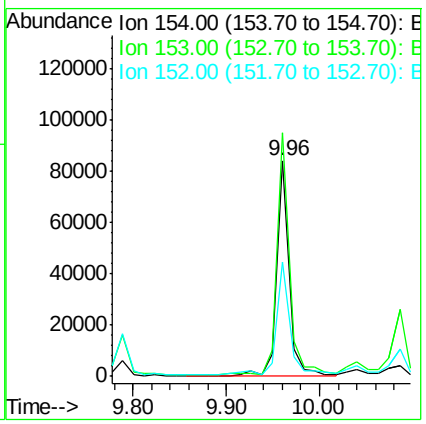


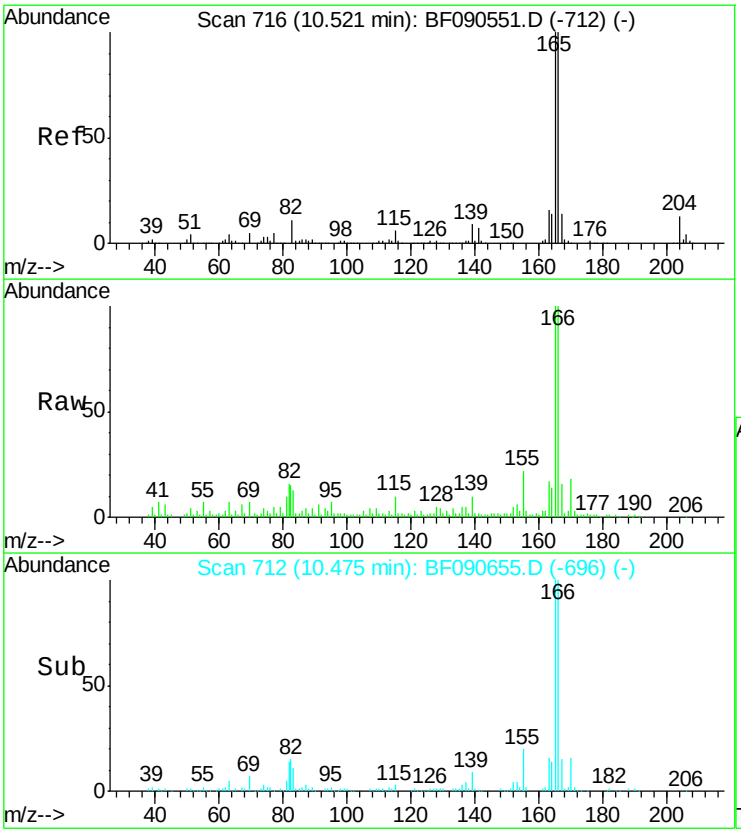
#51
Acenaphthene
Concen: 2.57 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:154 Resp: 78587

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	53.2	44.0	66.0

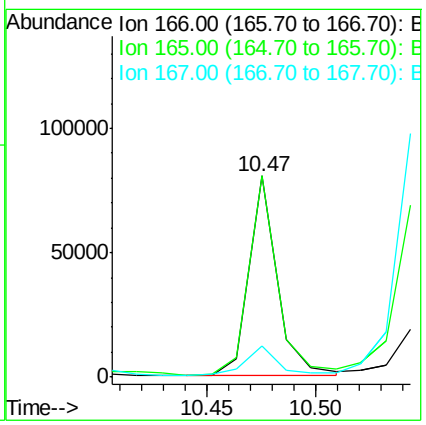


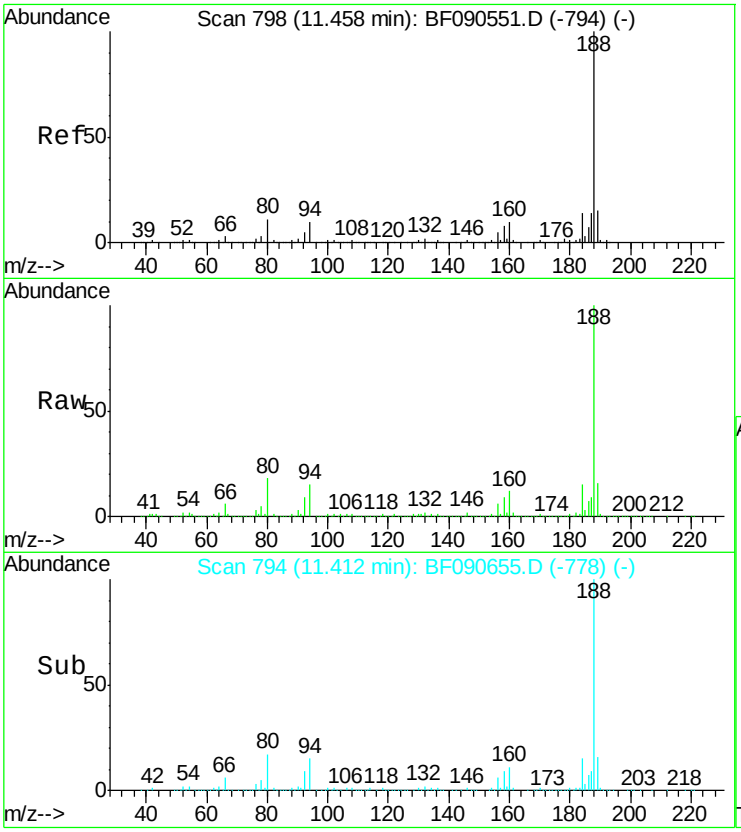


#57
Fluorene
Concen: 2.21 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:166 Resp: 73343

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.9	119.9
167	15.7	10.9	16.3



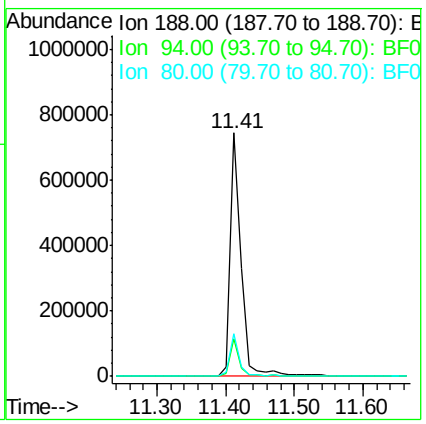


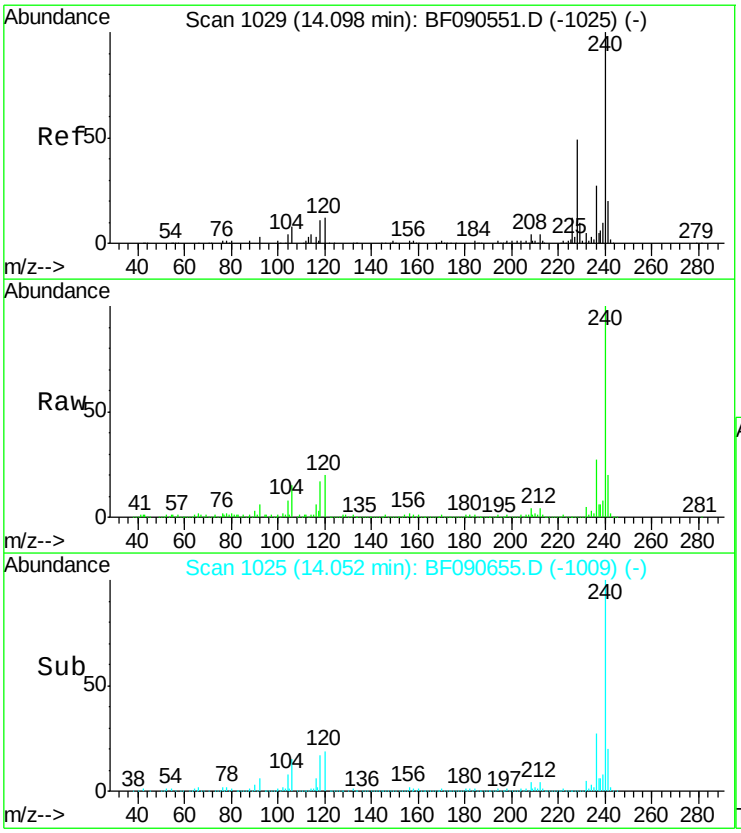
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:188 Resp: 840956

Ion	Ratio	Lower	Upper
188	100		
94	15.3	7.7	11.5#
80	17.6	8.6	12.8#

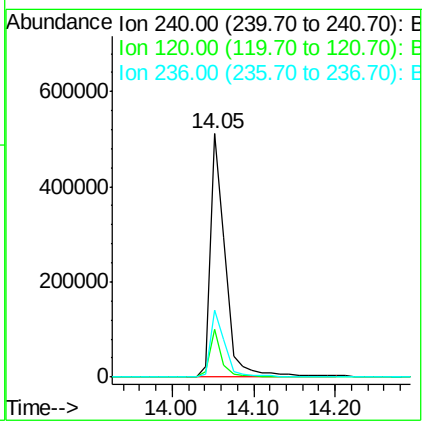


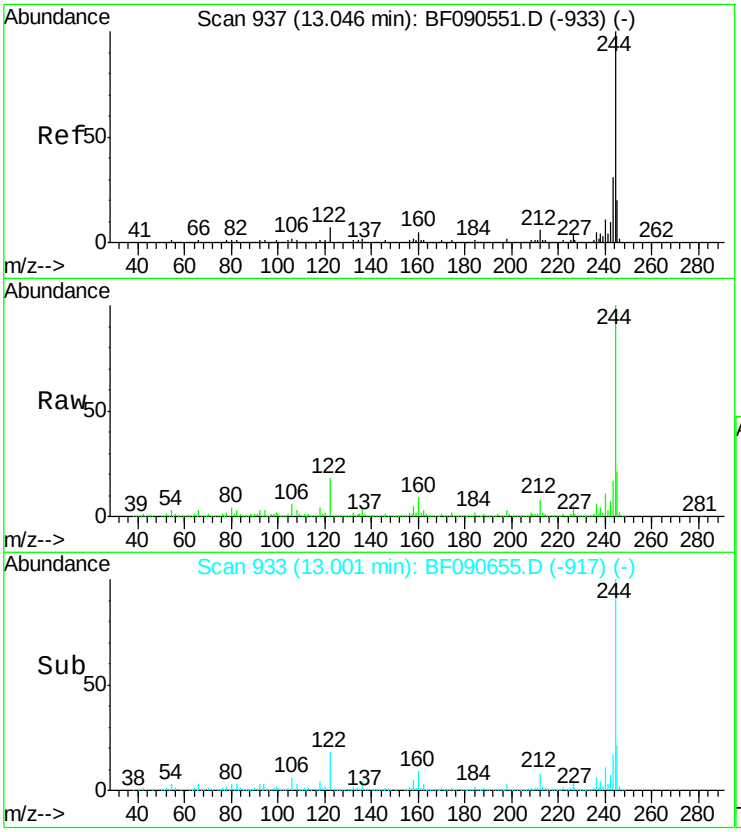


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:240 Resp: 655513

Ion	Ratio	Lower	Upper
240	100		
120	19.6	9.8	14.8#
236	27.4	21.7	32.5



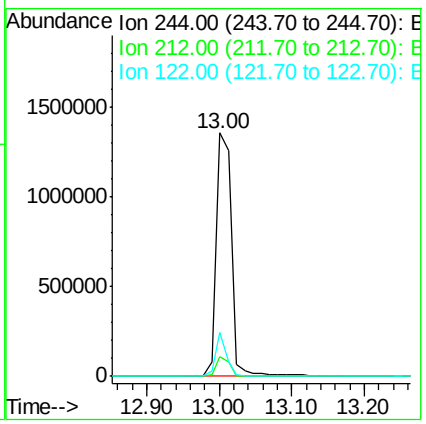


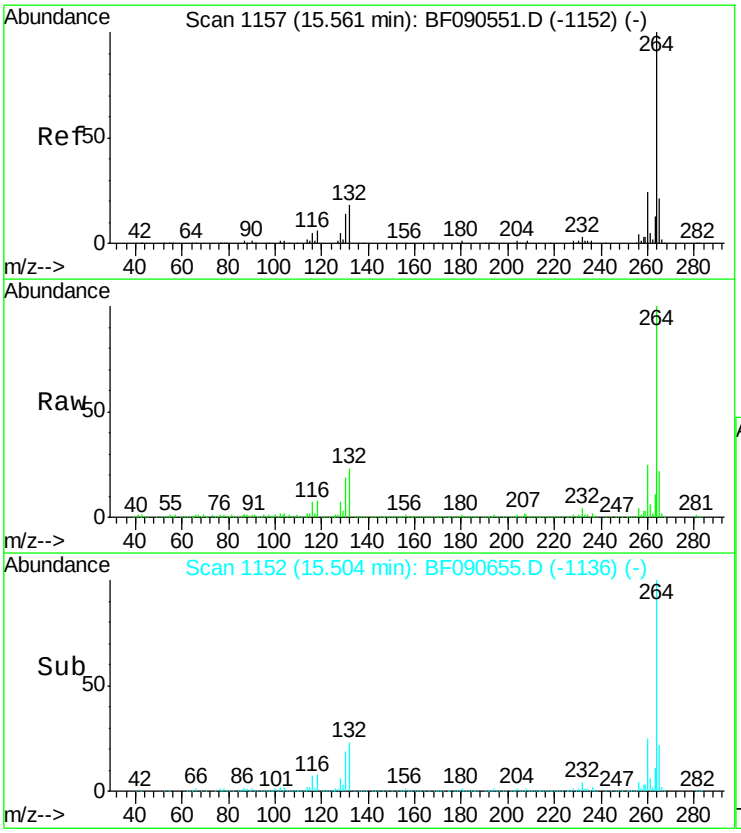
#78
Terphenyl-d14
Concen: 70.16 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:244 Resp: 1975351

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.0	7.4#
122	17.9	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:264 Resp: 496179

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.8	16.7	25.1