Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090652.D
Acq On : 19 Oct 2016 17:20
Operator : UM/SJ
Sample : H5296-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Time: Oct 19 17:55:52 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	216167	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	970752	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	511009	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	837213	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	761820	20.00	ng	-0.01
86) Perylene-d12	15.50	264	612555	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	712355	60.41	ng	0.00
7) Phenol-d6	6.52	99	586254	33.46	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1260808	72.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	542779	119.14	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2052231	66.17	ng	-0.01
78) Terphenyl-d14	13.01	244	2367775	72.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	70658	2.13	ng	98
51) Acenaphthene	9.96	154	79314	2.58	ng	97
57) Fluorene	10.47	166	100631	3.02	ng	99

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

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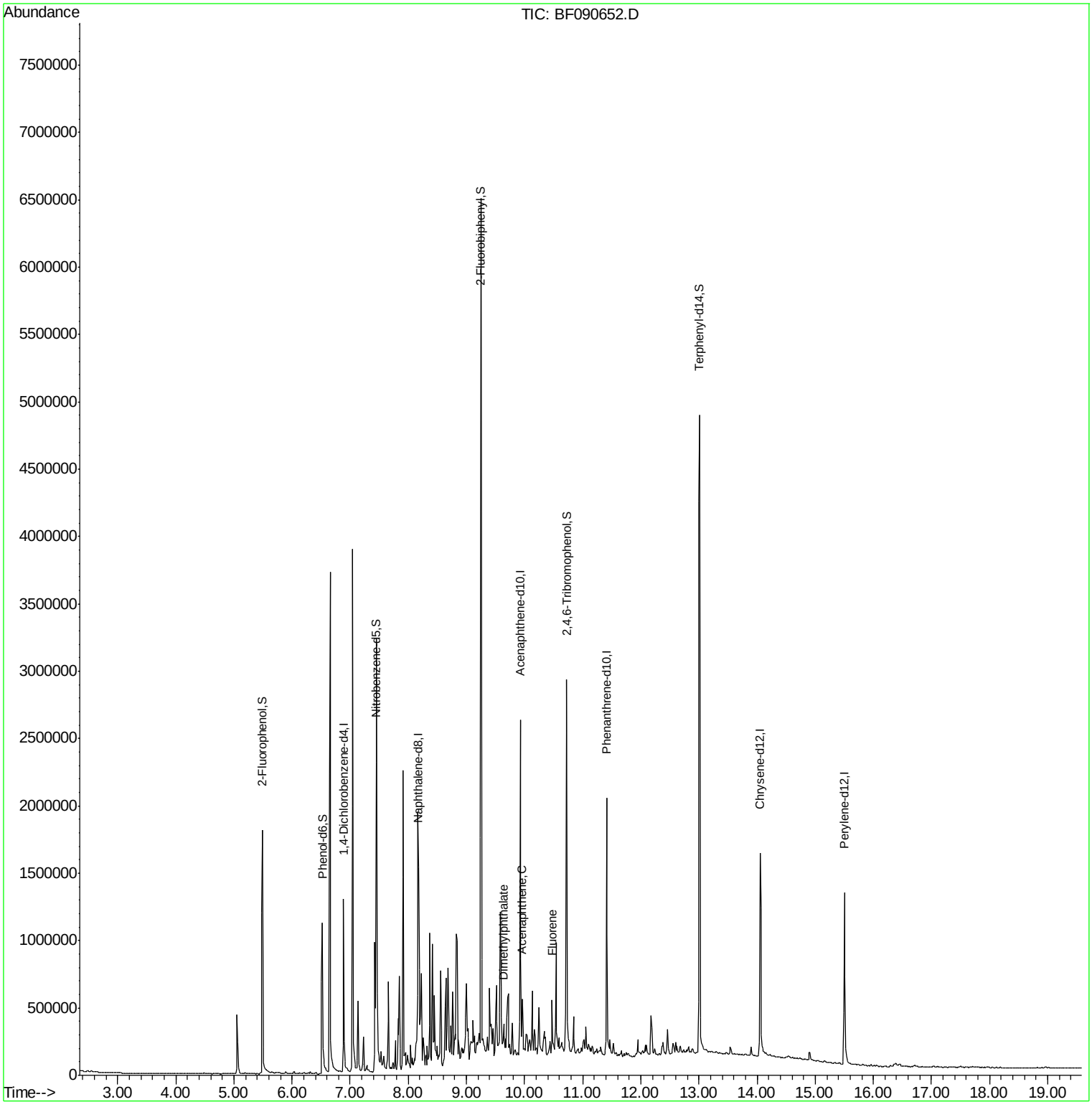
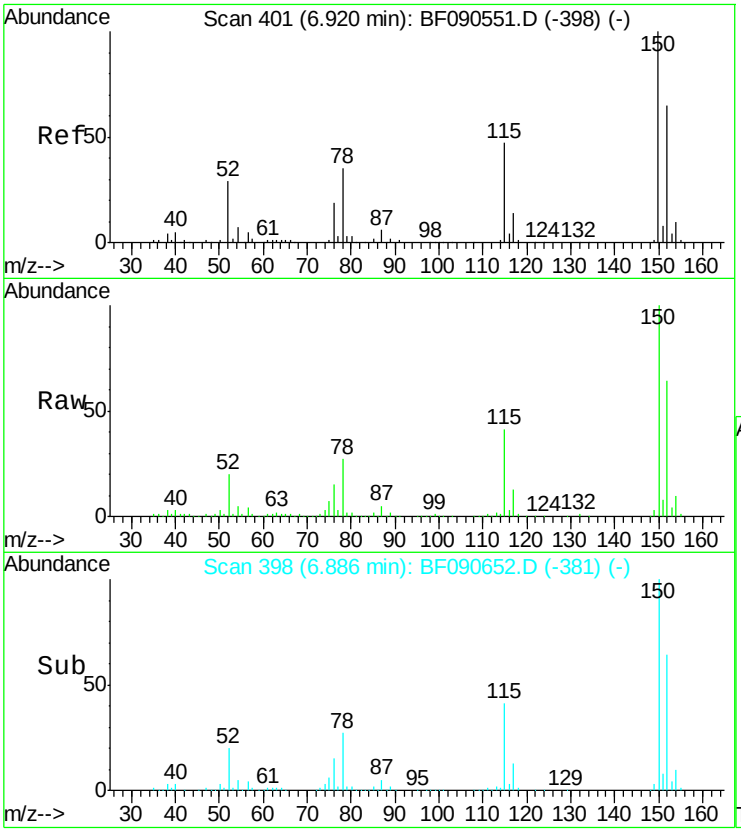


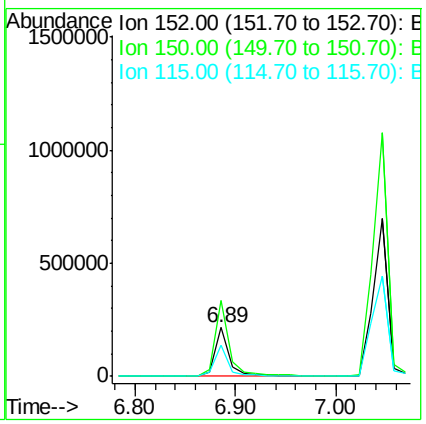


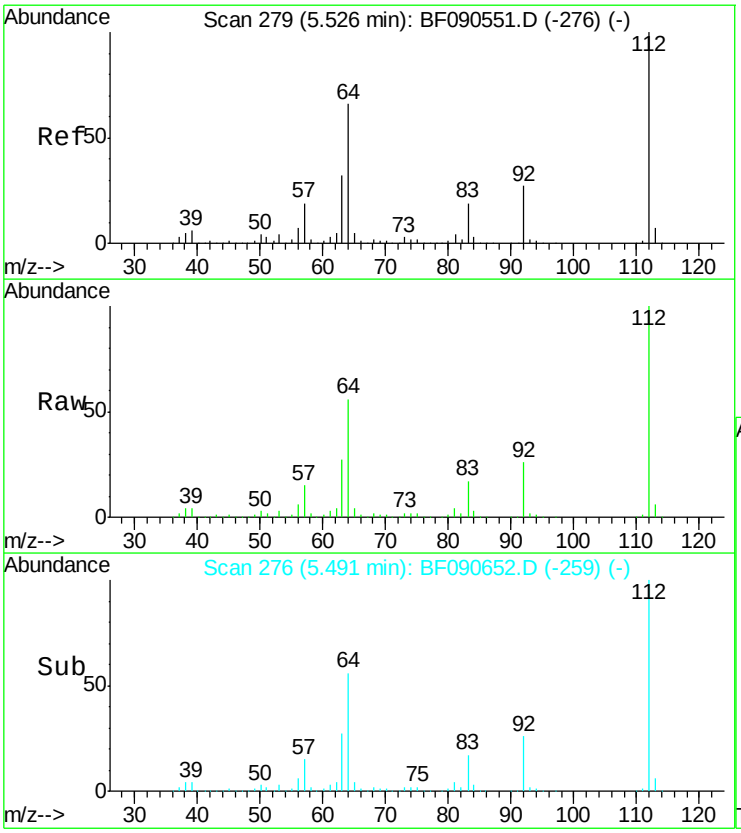
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:152 Resp: 216167

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.2	190.8
115	63.5	58.6	88.0

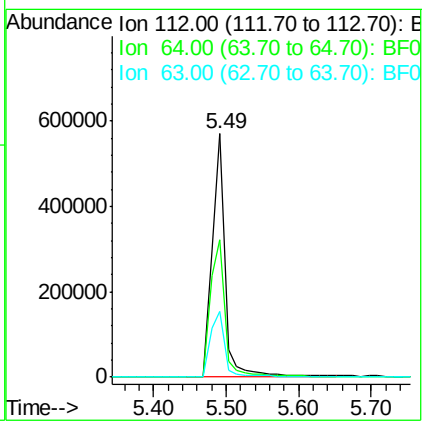


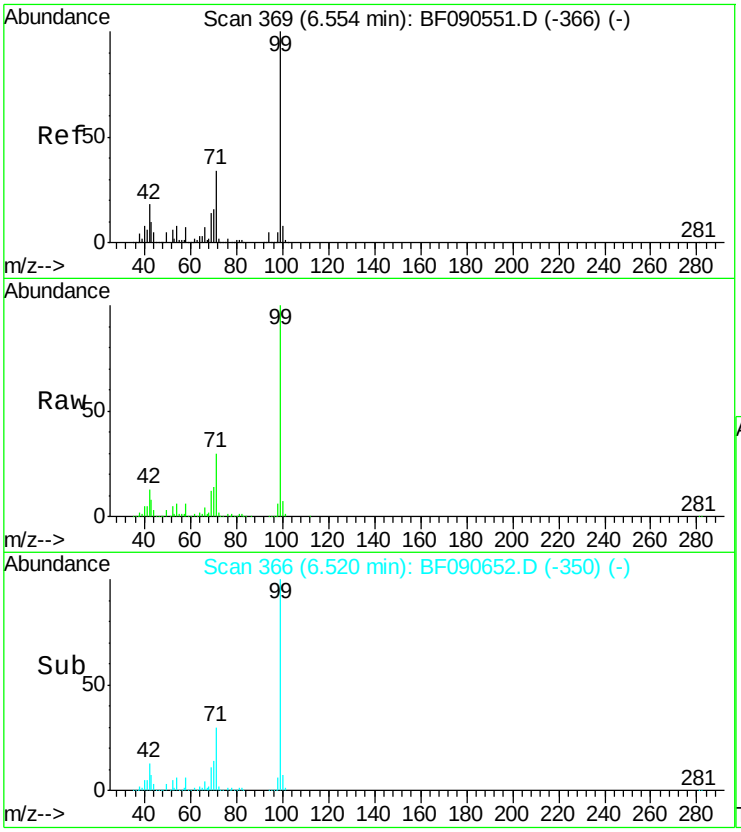


#5
2-Fluorophenol
Concen: 60.41 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:112 Resp: 712355

Ion	Ratio	Lower	Upper
112	100		
64	56.4	52.6	78.8
63	27.2	26.0	39.0



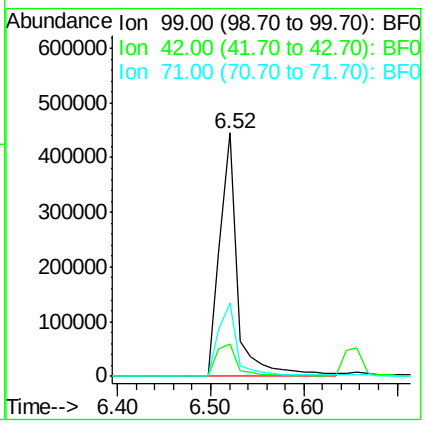


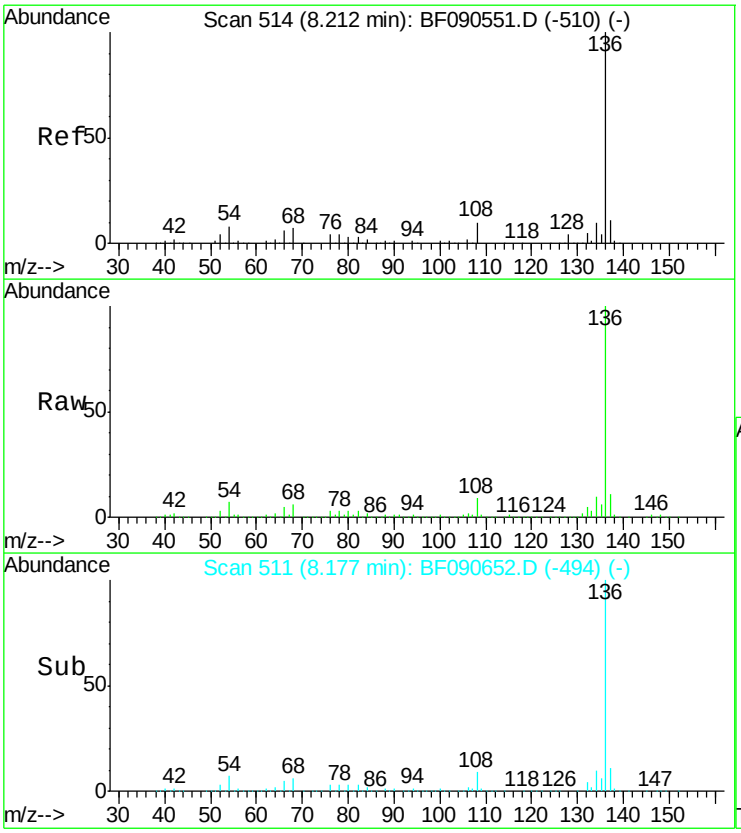
#7
Phenol-d6
Concen: 33.46 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion: 99 Resp: 586254

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.7	22.1#
71	30.1	27.6	41.4

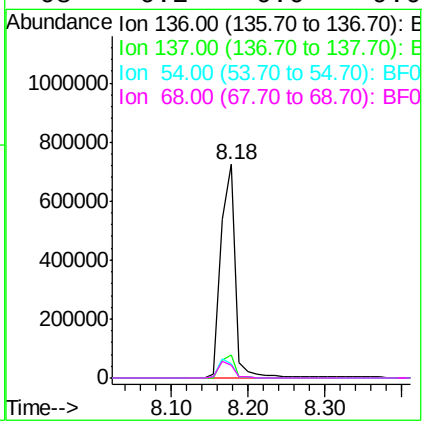


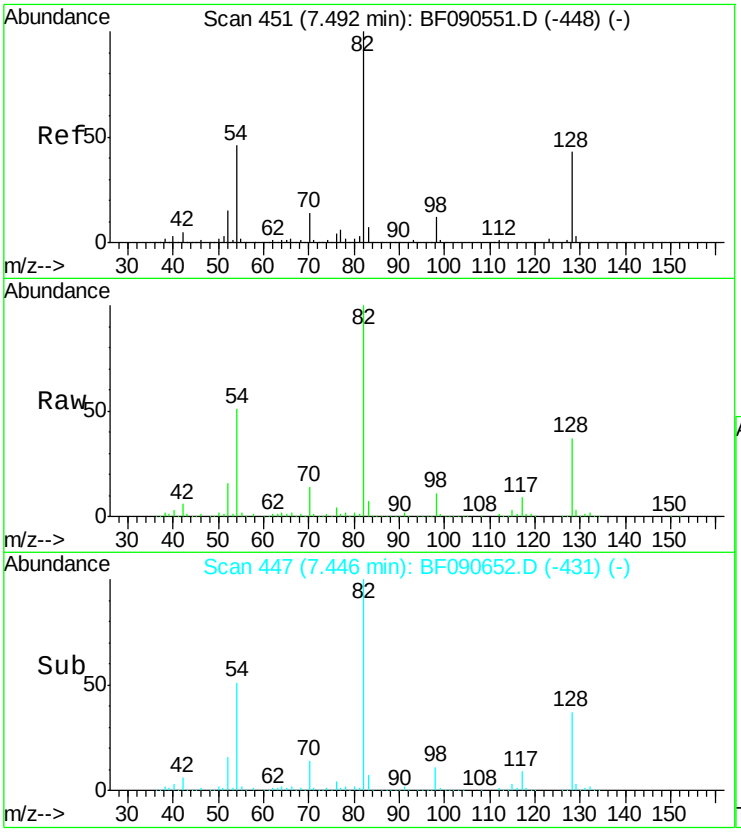


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:136 Resp: 970752

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	6.8	10.2
68	6.2	6.0	9.0



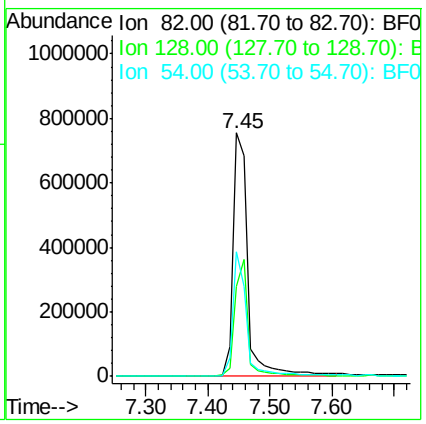


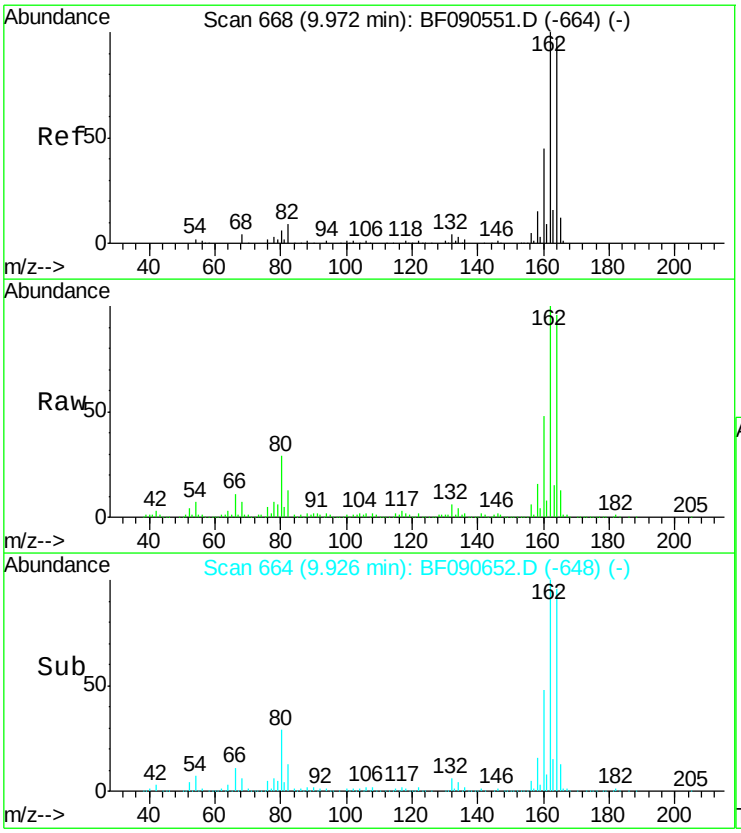
#23
Nitrobenzene-d5
Concen: 72.15 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion: 82 Resp: 1260808

Ion	Ratio	Lower	Upper
82	100		
128	36.8	34.3	51.5
54	51.3	37.0	55.6

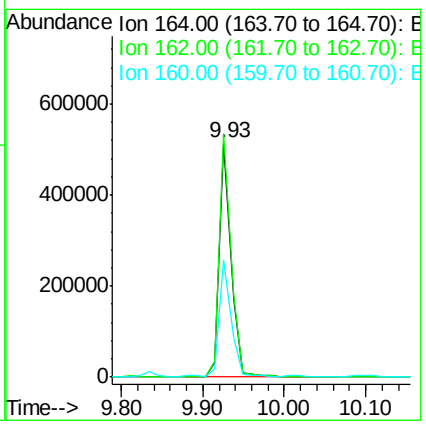


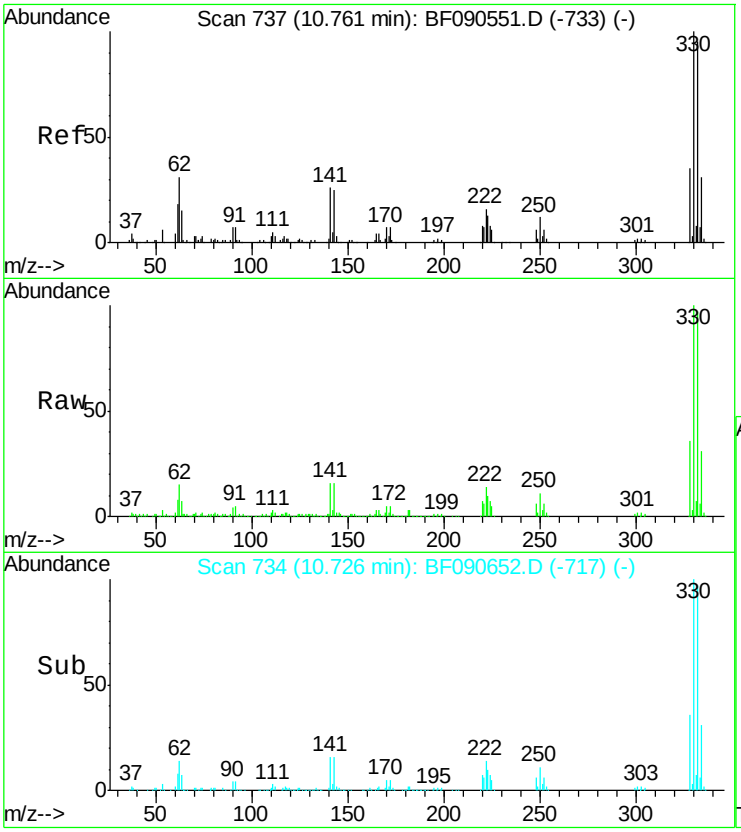


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:164 Resp: 511009

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	49.8	36.6	55.0



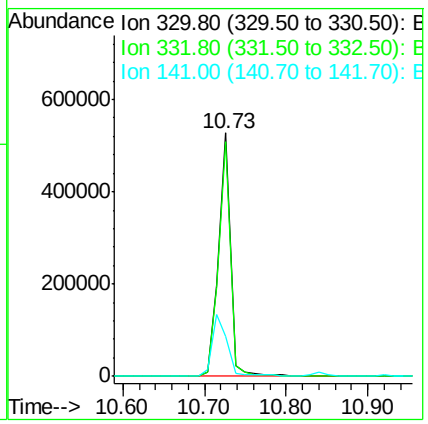


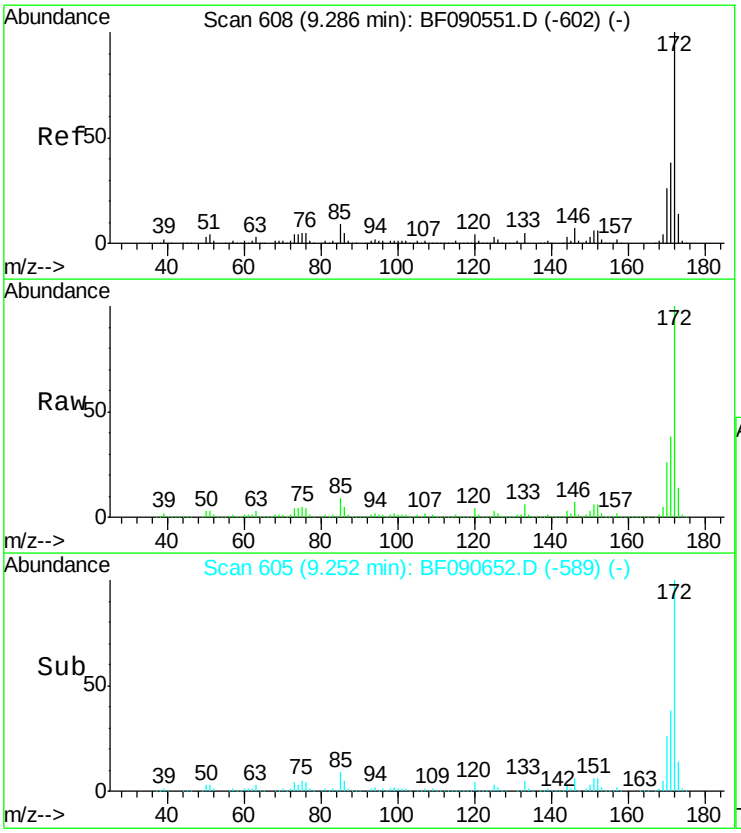
#41
2,4,6-Tribromophenol
Concen: 119.14 ng
RT: 10.73 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:330 Resp: 542779

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.2
141	31.6	31.4	47.2

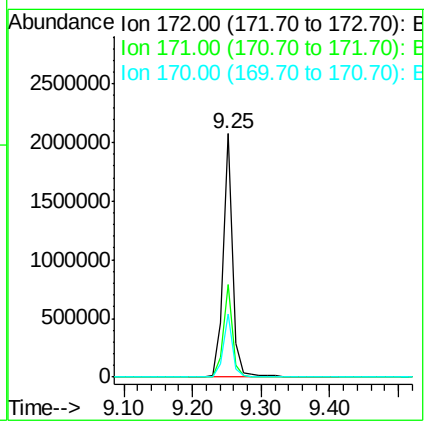


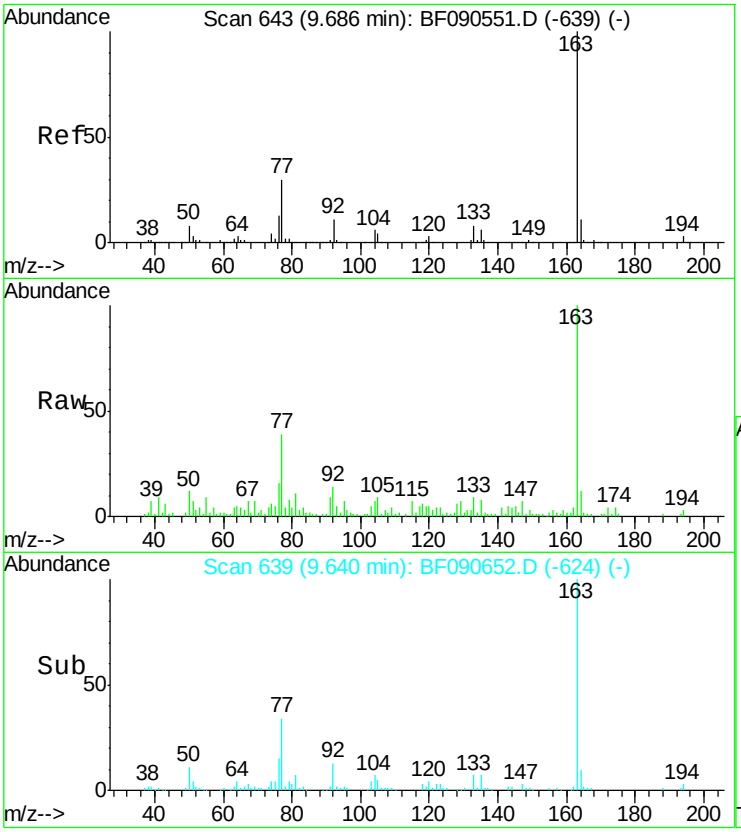


#44
2-Fluorobiphenyl
Concen: 66.17 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:172 Resp: 2052231

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.1	45.1
170	25.8	20.6	30.8



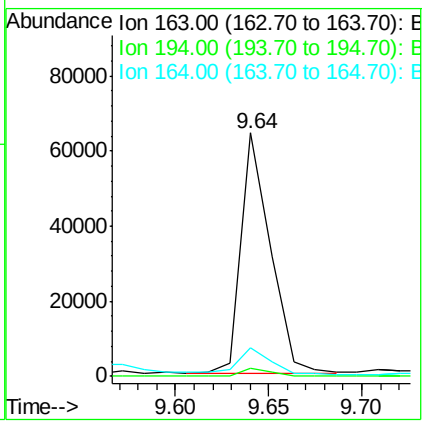


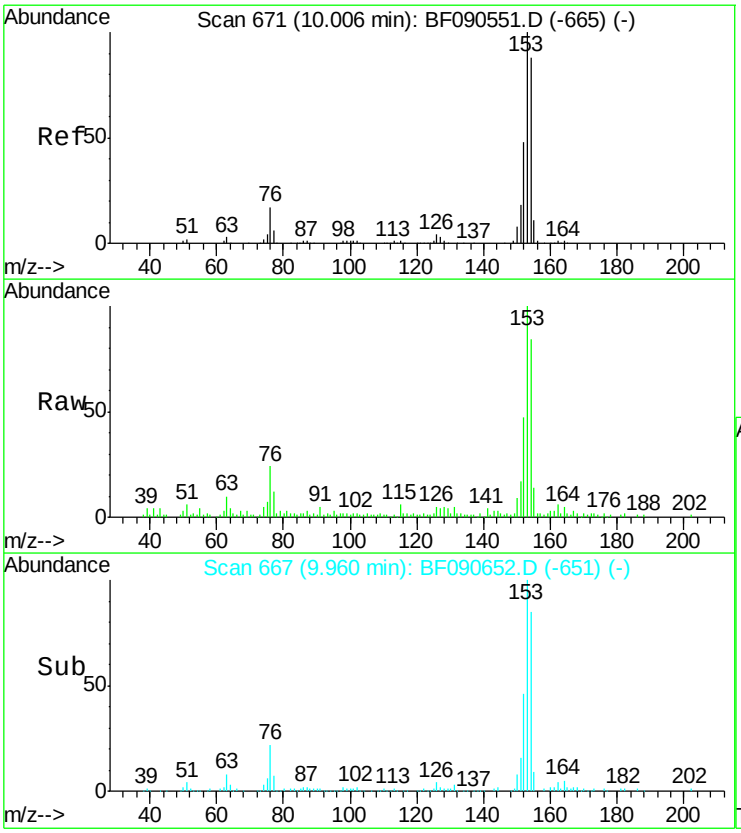
#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:163 Resp: 70658

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.3	3.5
164	11.6	8.6	13.0

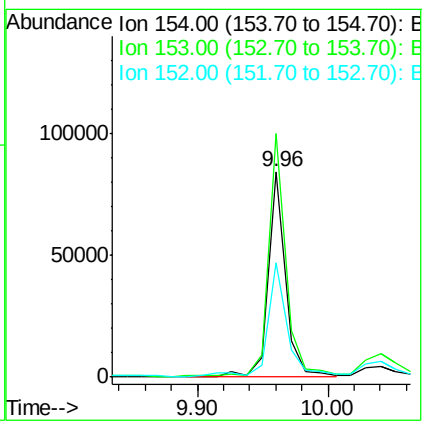


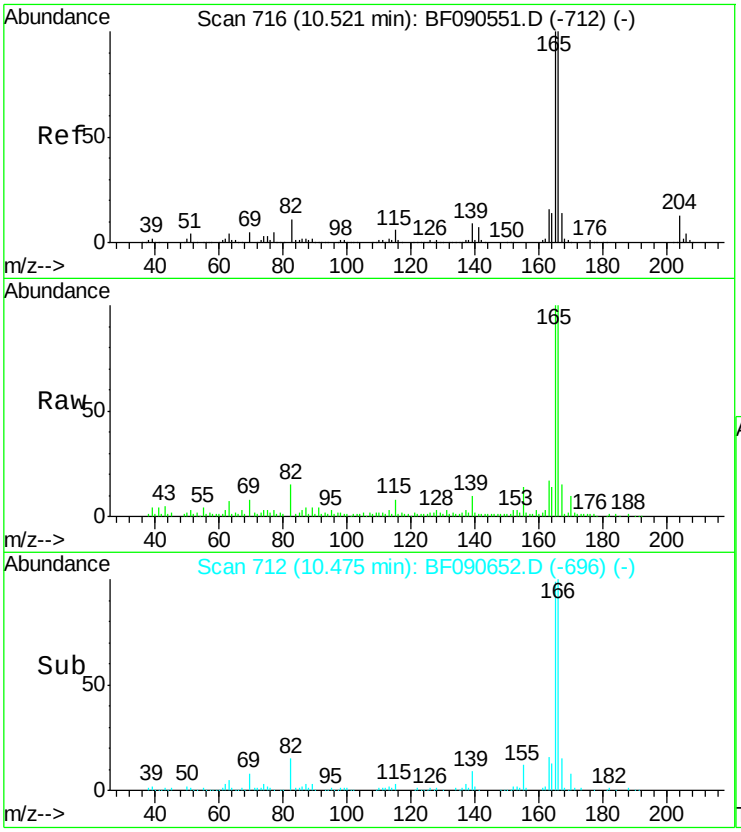


#51
Acenaphthene
Concen: 2.58 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:154 Resp: 79314

Ion	Ratio	Lower	Upper
154	100		
153	118.3	91.2	136.8
152	55.6	44.0	66.0



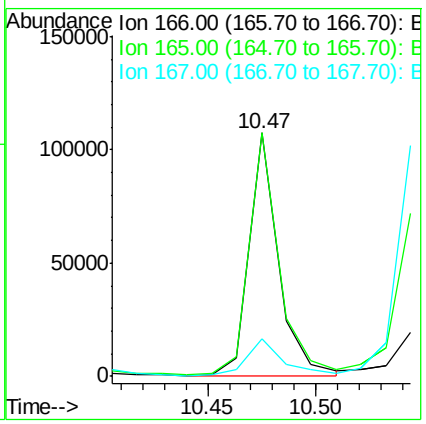


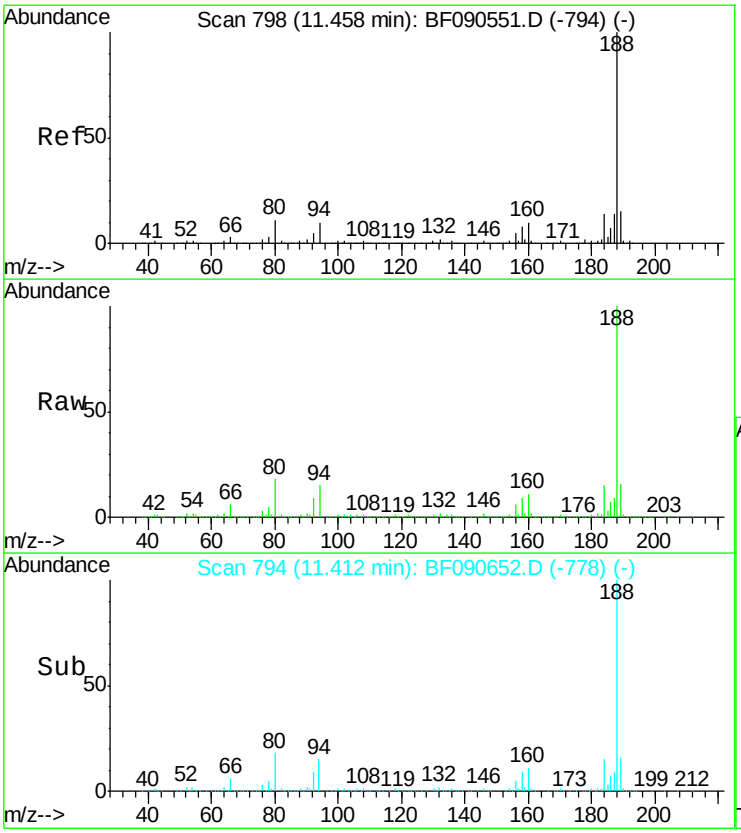
#57
Fluorene
Concen: 3.02 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:166 Resp: 100631

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	15.5	10.9	16.3

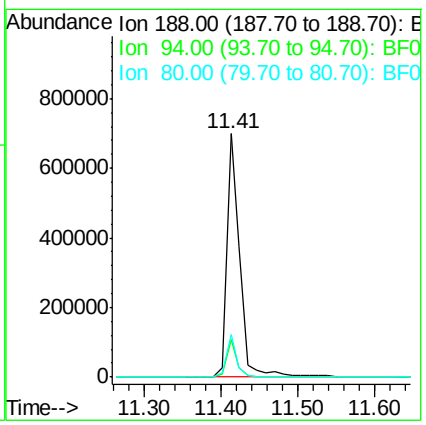


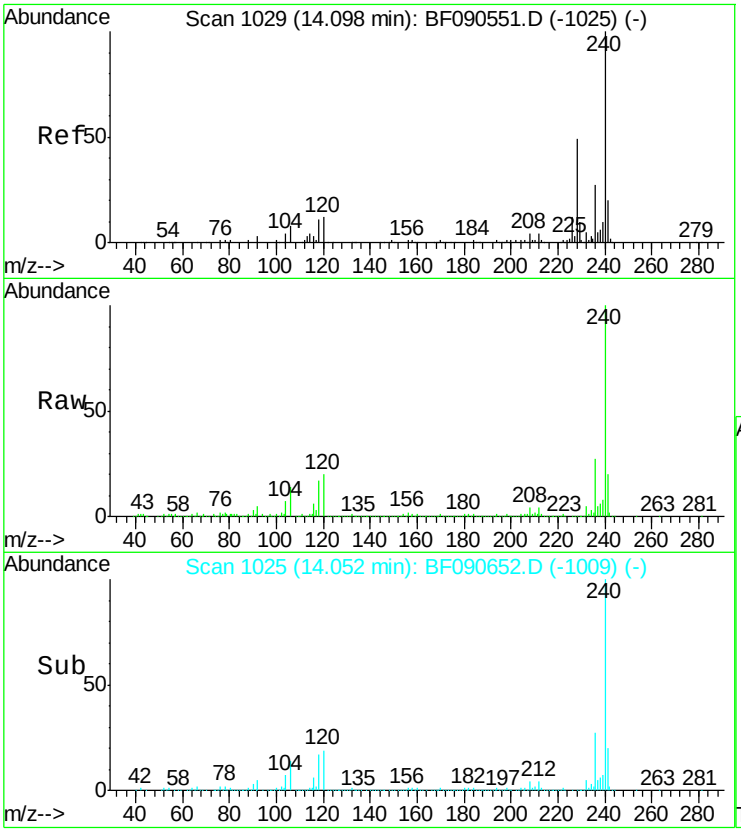


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:188 Resp: 837213

Ion	Ratio	Lower	Upper
188	100		
94	15.5	7.7	11.5#
80	17.7	8.6	12.8#



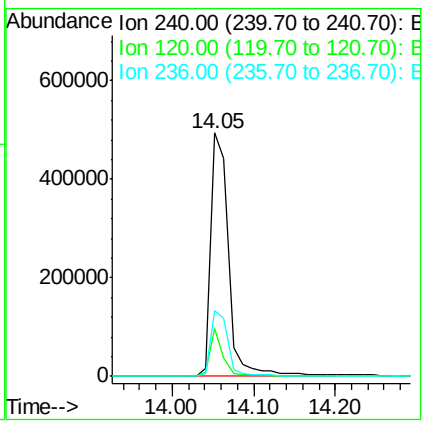


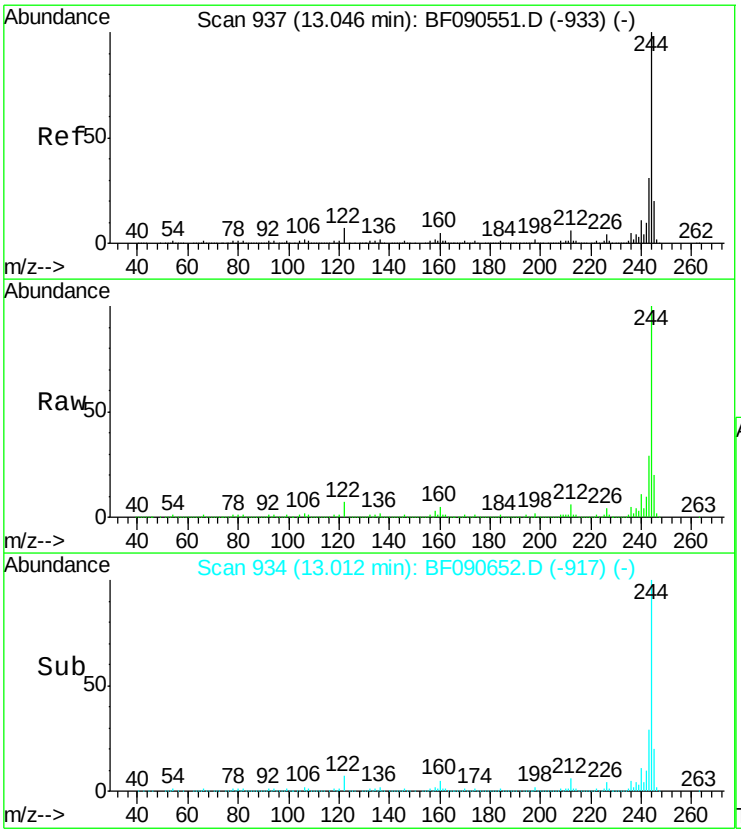
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:240 Resp: 761820

Ion	Ratio	Lower	Upper
240	100		
120	19.5	9.8	14.8#
236	27.0	21.7	32.5

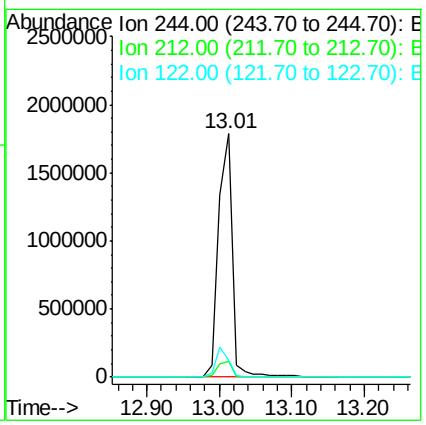


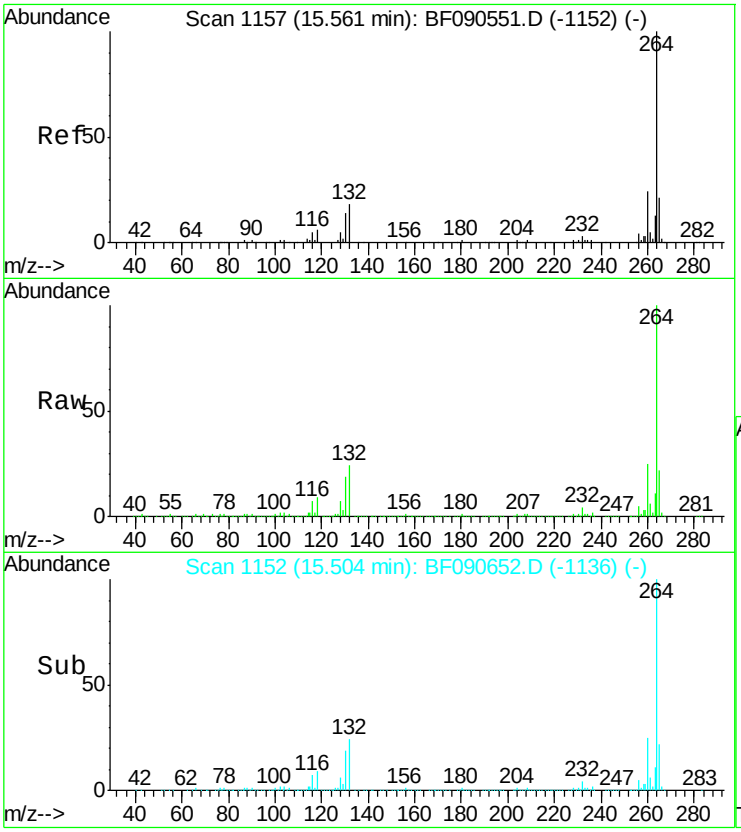


#78
Terphenyl-d14
Concen: 72.37 ng
RT: 13.01 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:244 Resp: 2367775

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	6.9	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: BF090652.D
Acq: 19 Oct 2016 17:20

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:264 Resp: 612555

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.7	16.7	25.1