Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089655.D
Acq On : 6 Aug 2016 7:32
Operator : UM/SJ
Sample : H4364-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMA-FL-01

Quant Time: Aug 08 00:58:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	41608	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	162609	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	66847	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	100908	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	84294	20.00	ng	0.00
86) Perylene-d12	20.05	264	75764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	402107	161.98	ng	0.02
7) Phenol-d6	6.98	99	521152	154.75	ng	0.00
23) Nitrobenzene-d5	8.35	82	329852	112.20	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	74676	135.37	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	571254	111.06	ng	0.00
78) Terphenyl-d14	17.05	244	321417	75.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	94690	18.07	ng	100
70) Phenanthrene	14.73	178	13911	2.54	ng	98
74) Fluoranthene	16.49	202	13730	2.43	ng	98

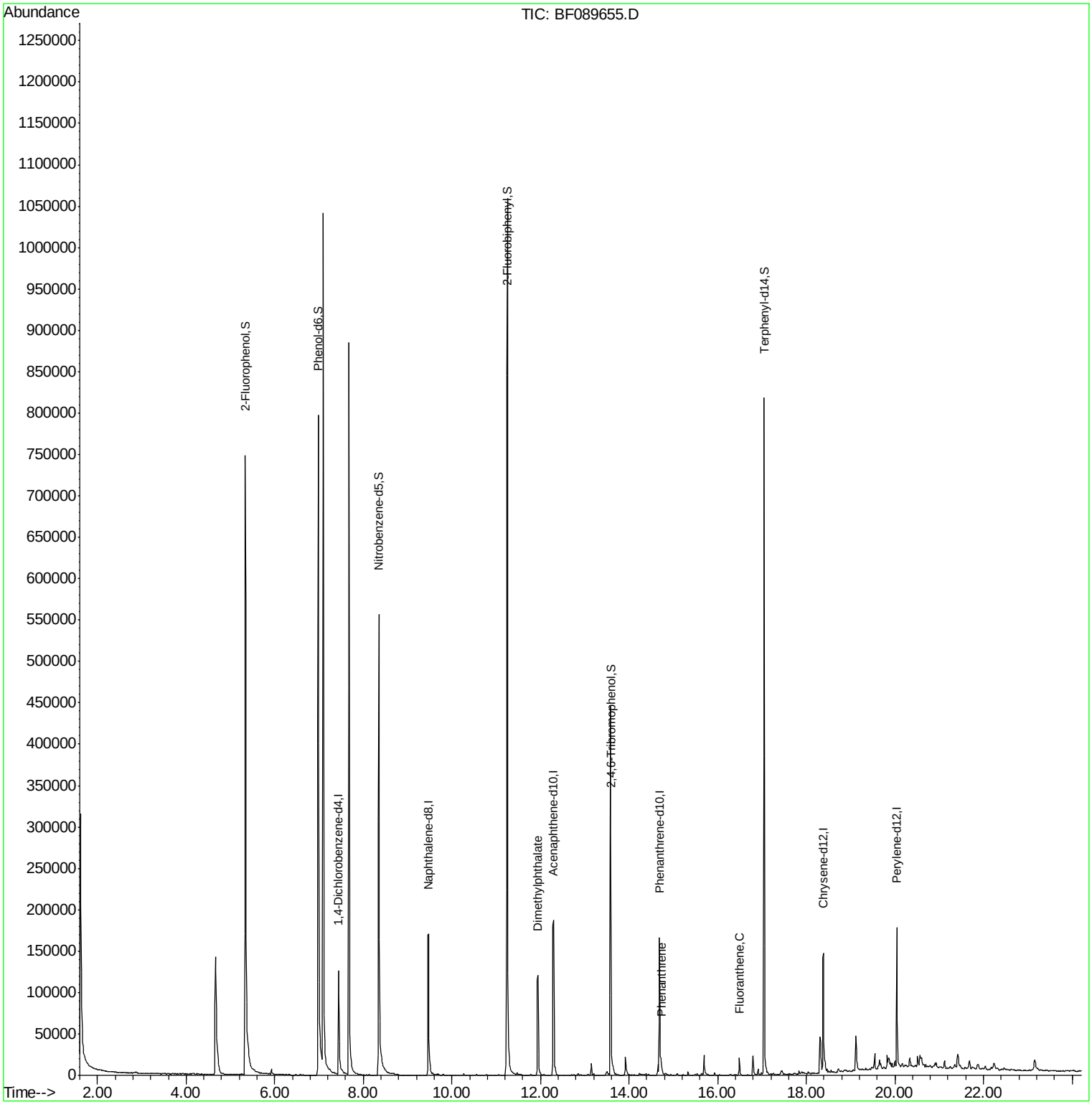
(#) = qualifier out of range (m) = manual integration (+) = signals summed

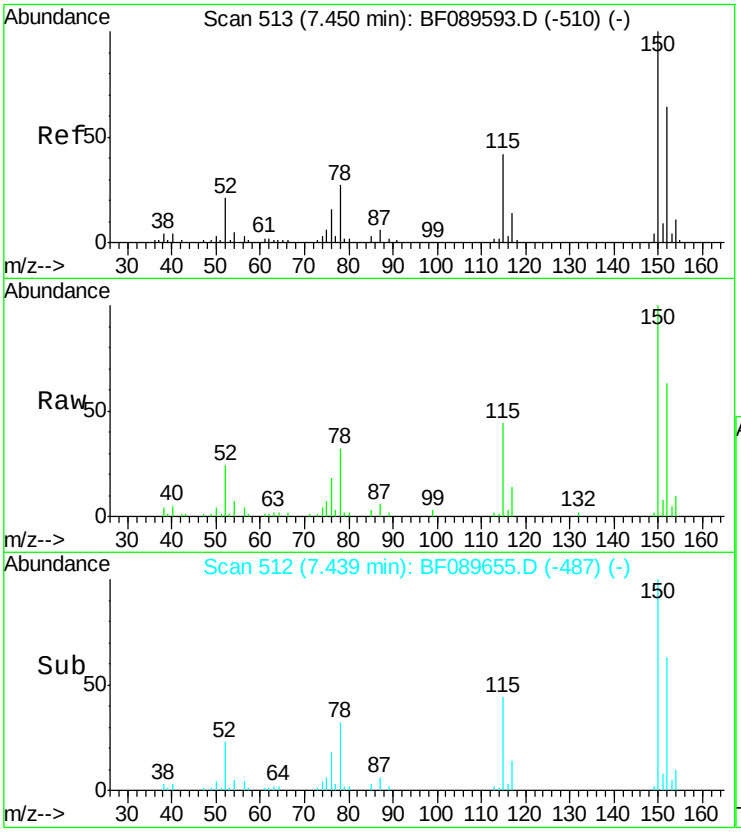
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089655.D
Acq On : 6 Aug 2016 7:32
Operator : UM/SJ
Sample : H4364-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Quant Time: Aug 08 00:58:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



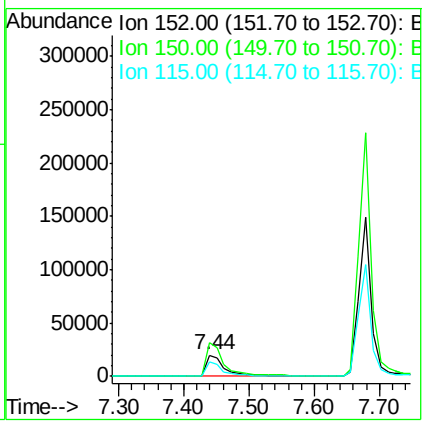


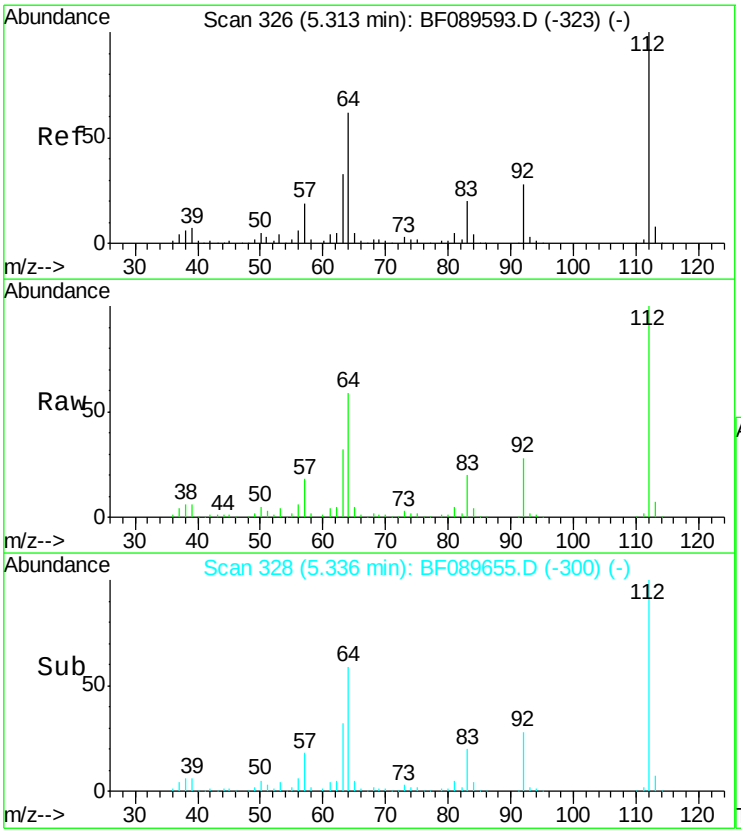
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:152 Resp: 41608

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.5	188.3
115	69.9	52.0	78.0

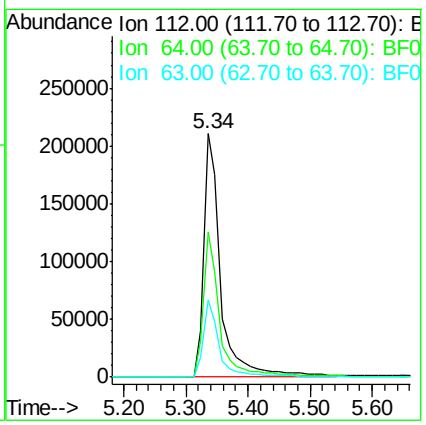


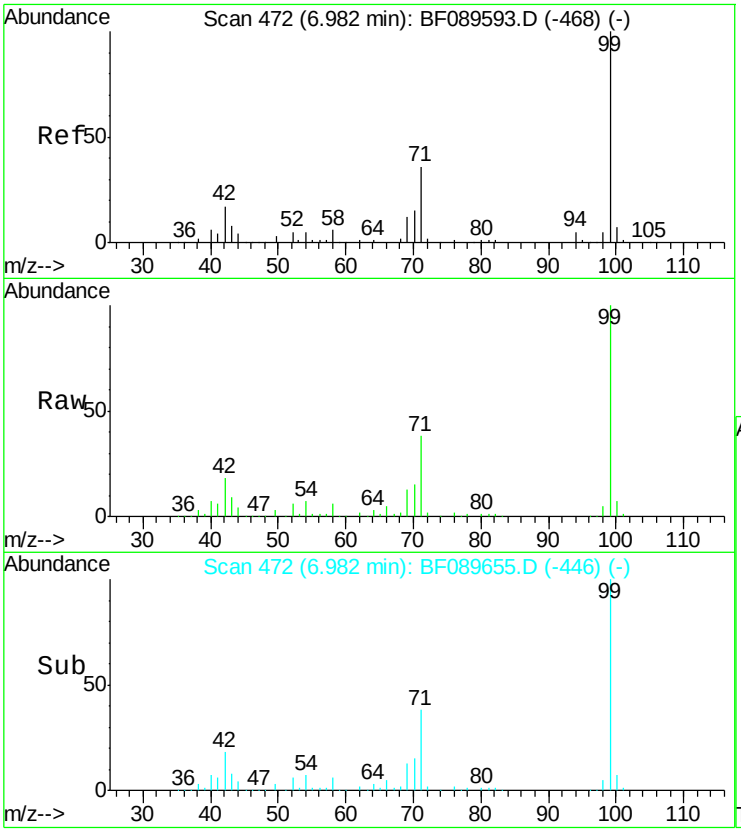


#5
2-Fluorophenol
Concen: 161.98 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:112 Resp: 402107

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.9	74.9
63	31.8	26.1	39.1



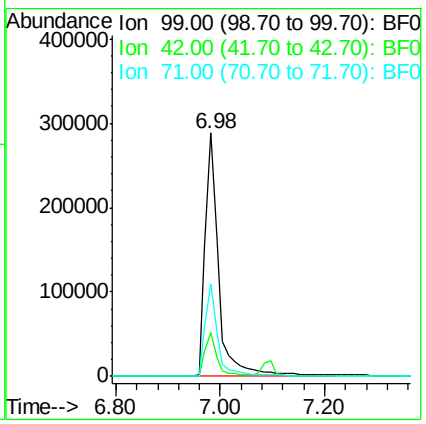


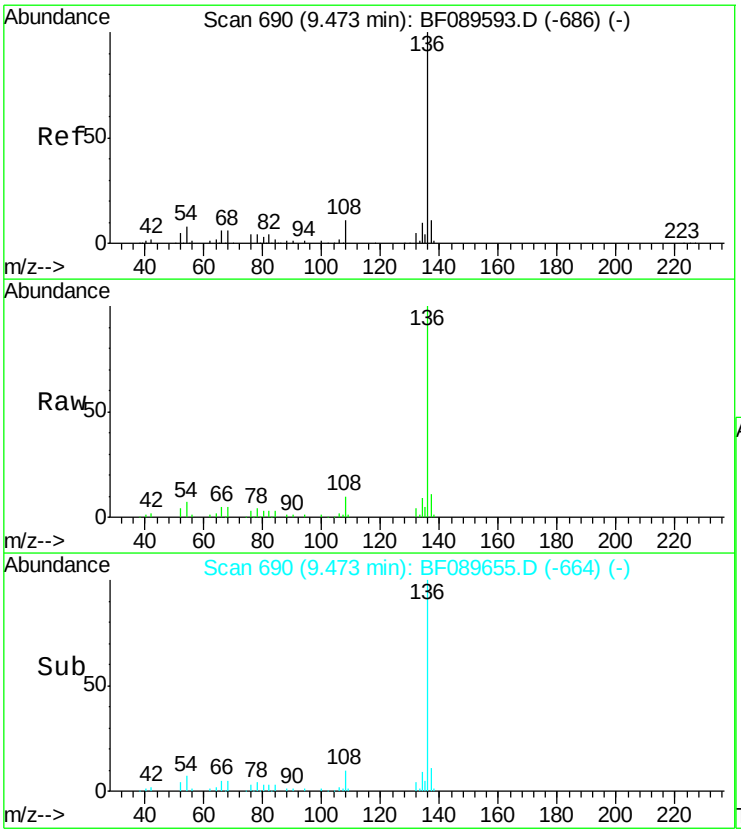
#7
Phenol-d6
Concen: 154.75 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion: 99 Resp: 521152

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	37.8	29.0	43.4

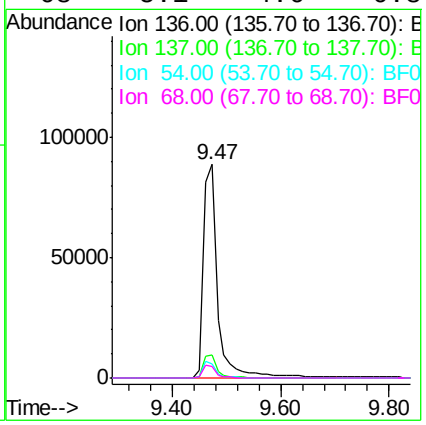


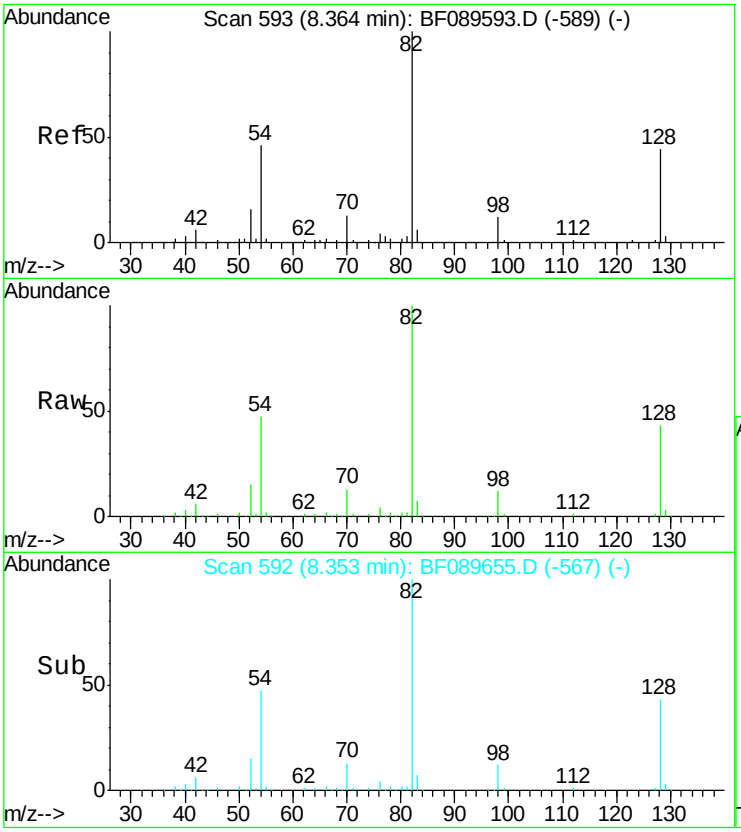


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:136 Resp: 162609

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.7	6.0	9.0
68	5.1	4.6	6.8



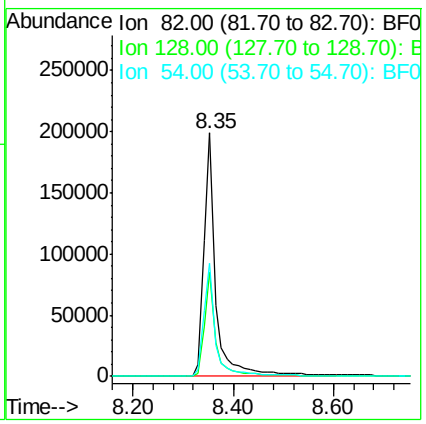


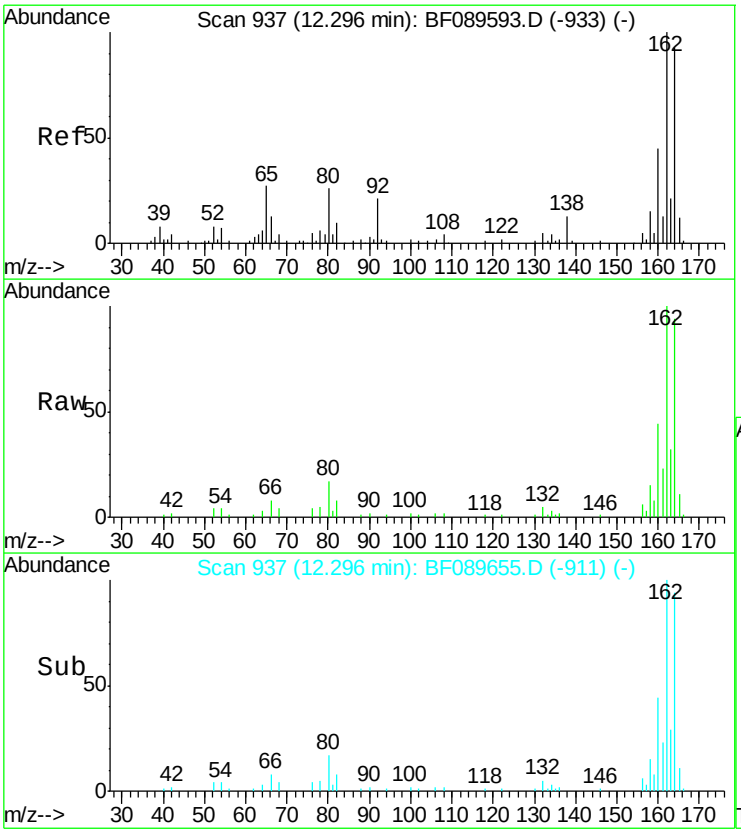
#23
Nitrobenzene-d5
Concen: 112.20 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion: 82 Resp: 329852

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.4	53.0
54	46.5	36.4	54.6

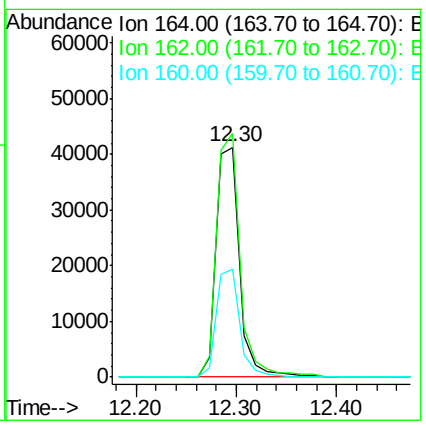


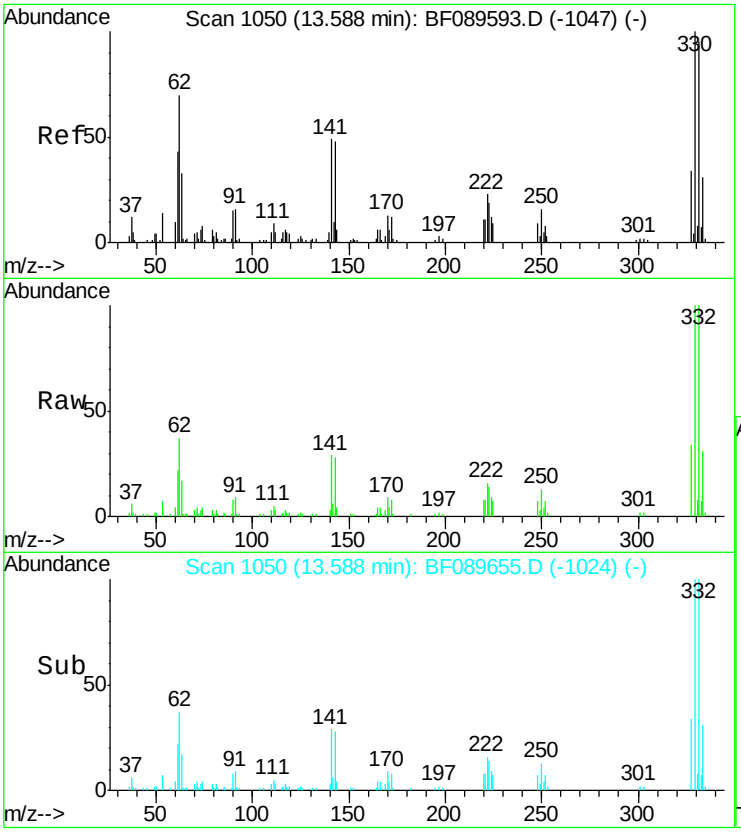


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:164 Resp: 66847

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.7	128.5
160	47.1	38.2	57.4



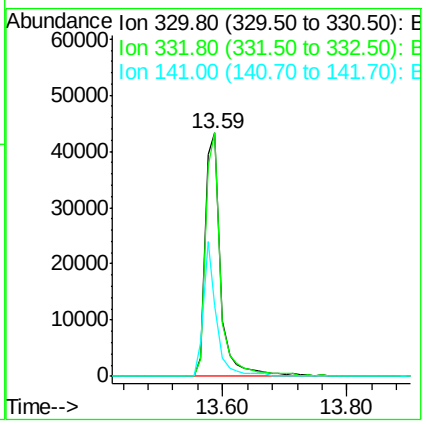


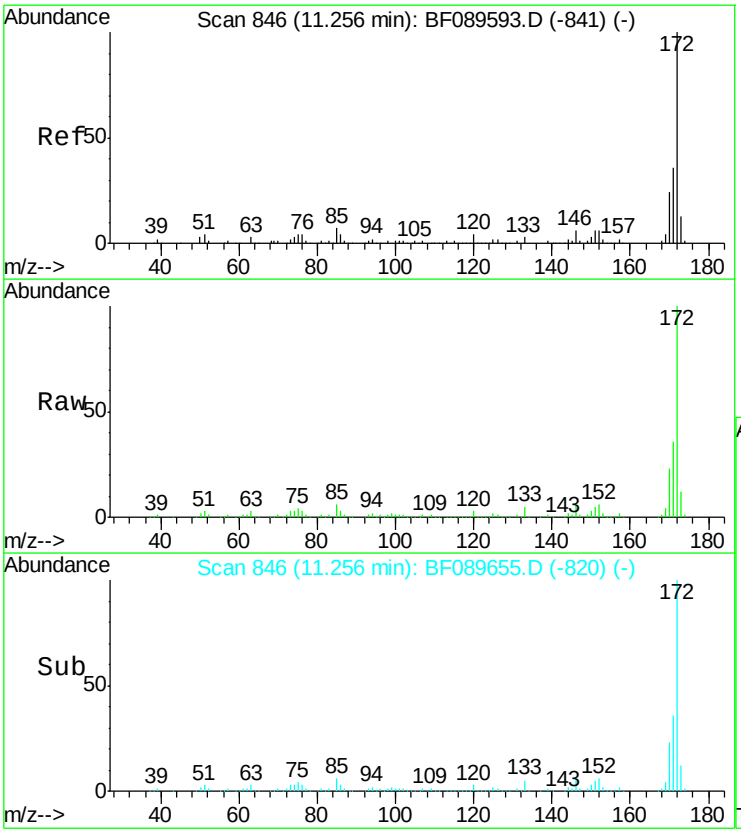
#41
2,4,6-Tribromophenol
Concen: 135.37 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:330 Resp: 74676

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	46.5	38.6	57.8

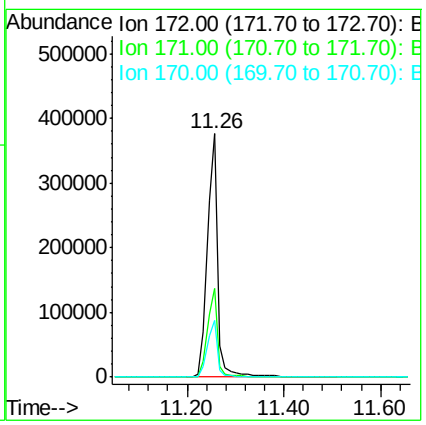


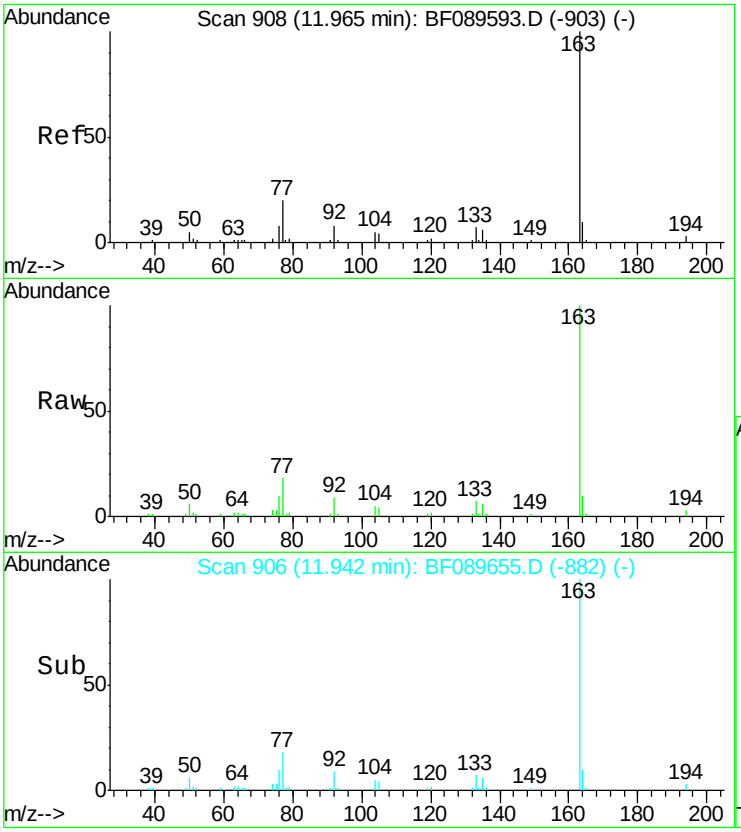


#44
2-Fluorobiphenyl
Concen: 111.06 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:172 Resp: 571254

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.5	19.0	28.6



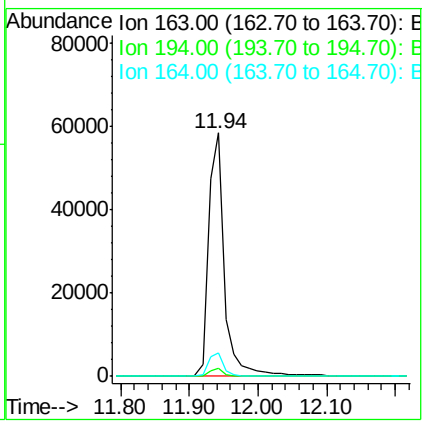


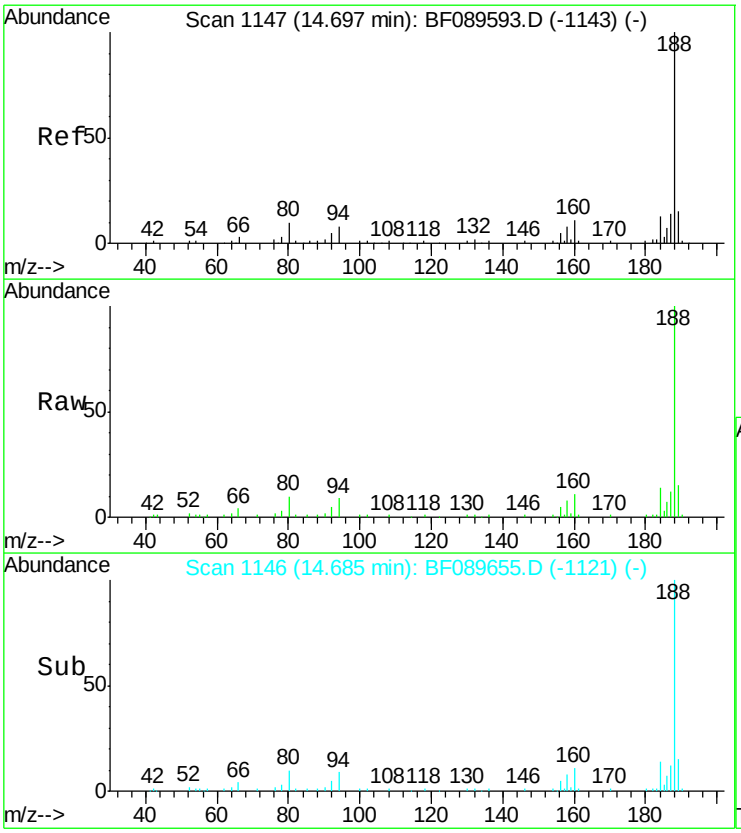
#49
Dimethylphthalate
Concen: 18.07 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:163 Resp: 94690

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	7.8	11.6

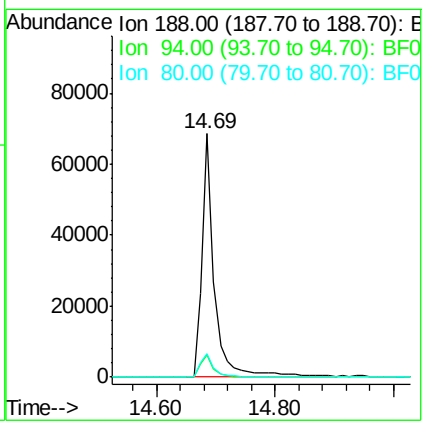


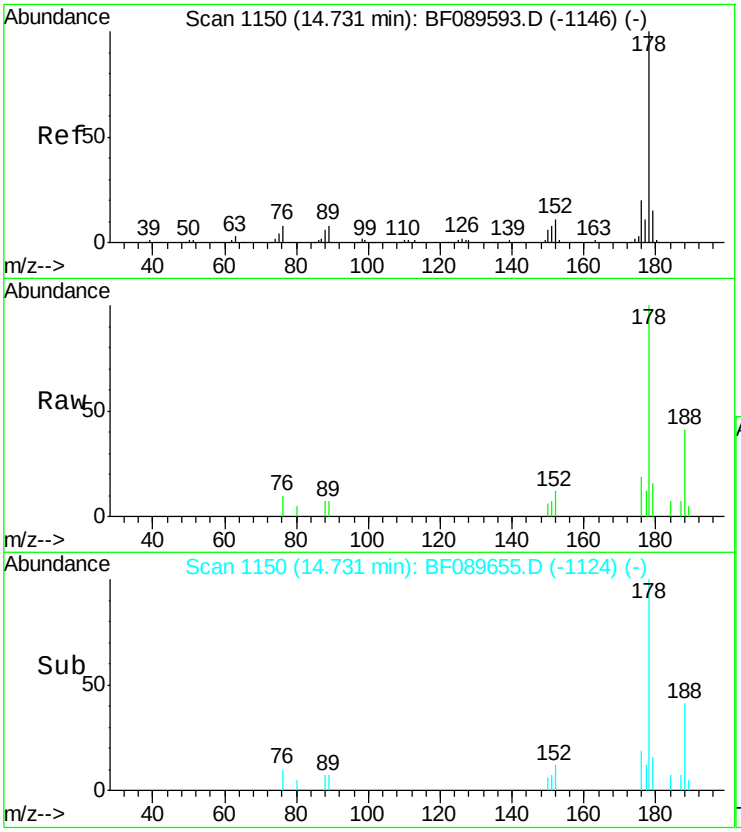


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:188 Resp: 100908

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	9.8	8.0	12.0



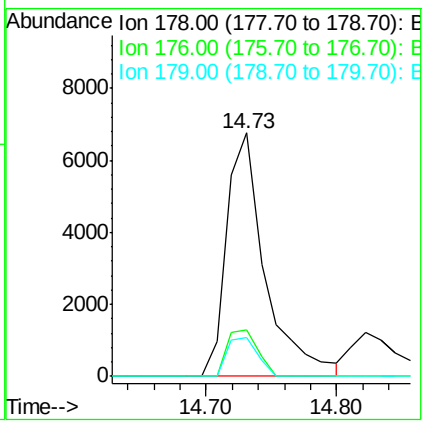


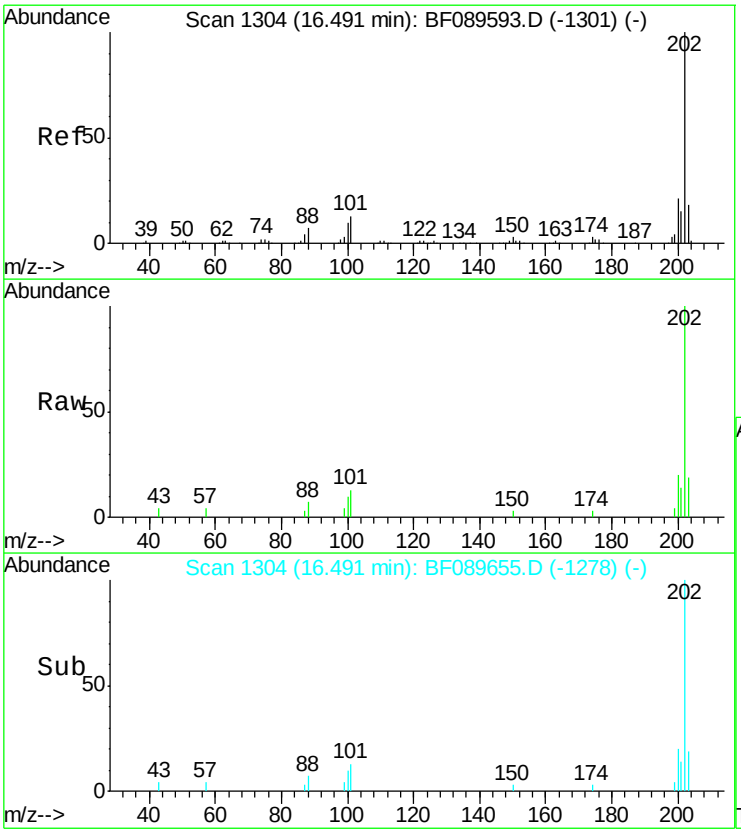
#70
Phenanthrene
Concen: 2.54 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:178 Resp: 13911

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	16.0	12.2	18.2

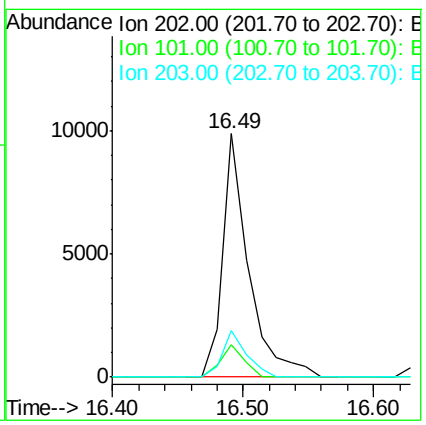


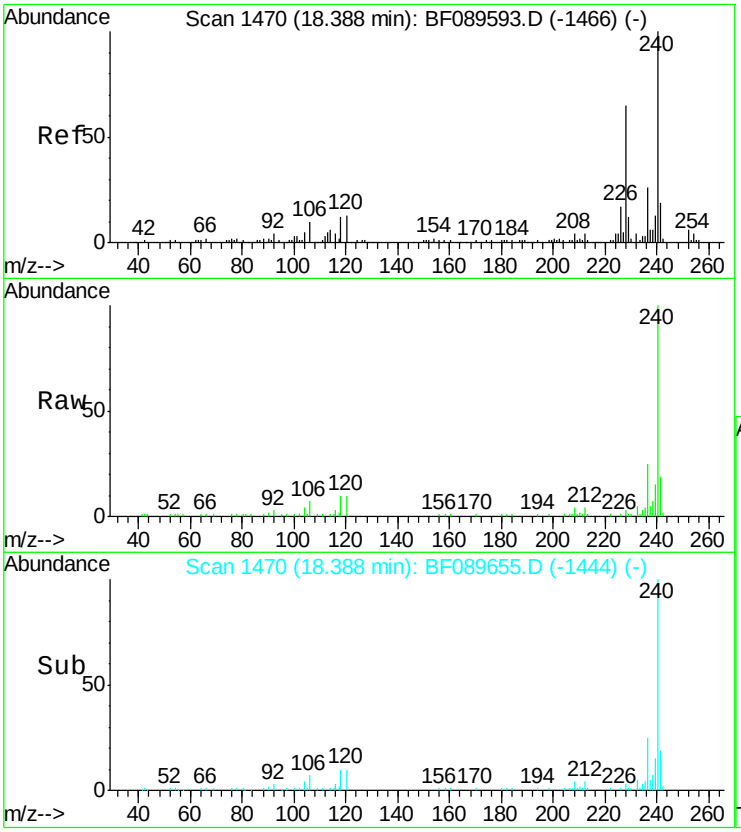


#74
Fluoranthene
Concen: 2.43 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:202 Resp: 13730

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.7
203	18.9	0.0	37.8



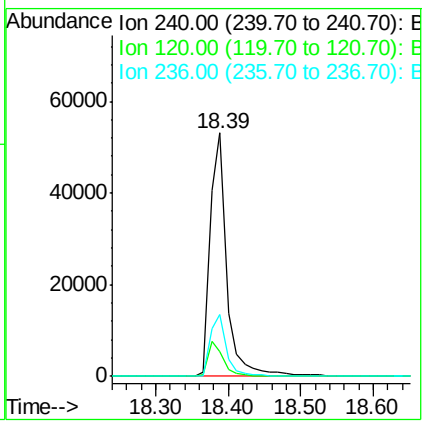


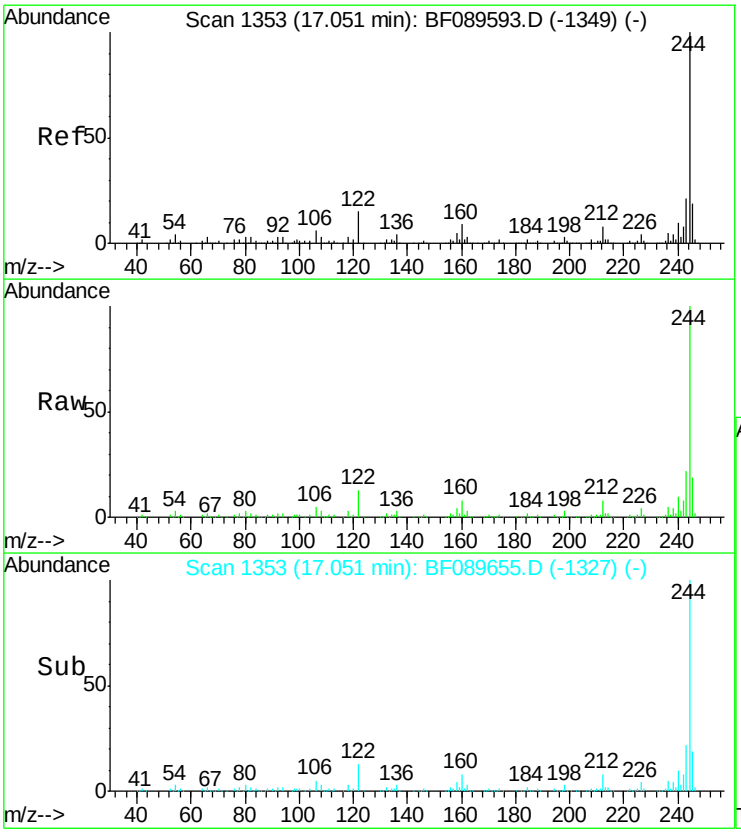
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:240 Resp: 84294

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.6	15.8#
236	25.4	20.6	30.8

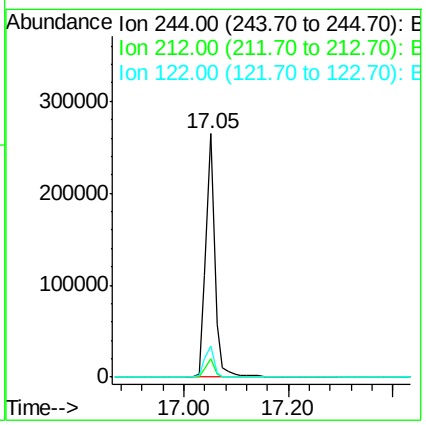


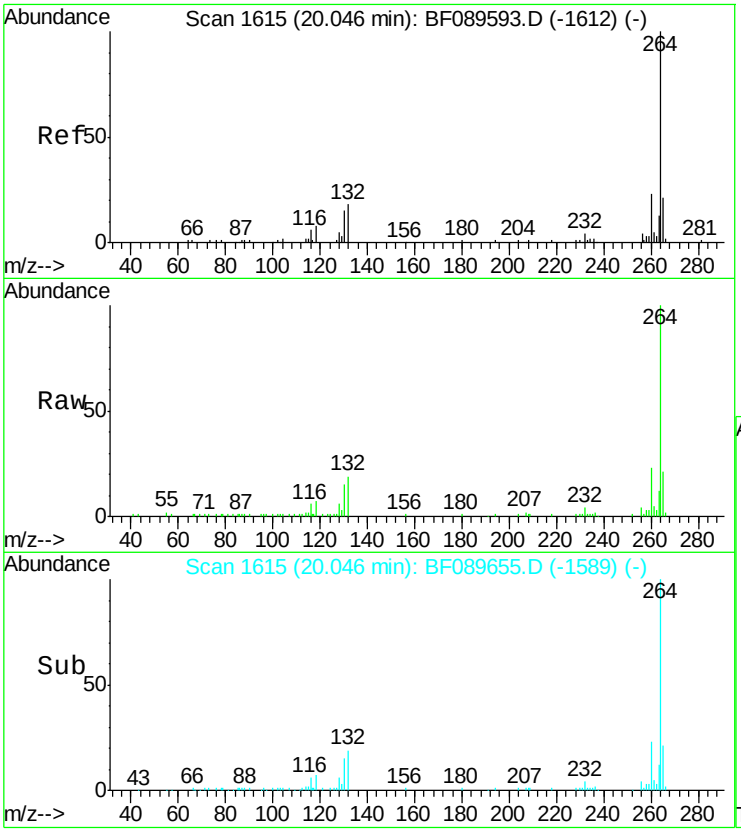


#78
Terphenyl-d14
Concen: 75.27 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Tgt Ion:244 Resp: 321417

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	12.8	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089655.D
Acq: 6 Aug 2016 7:32

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:264 Resp: 75764

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.3	16.5	24.7