Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089671.D
Acq On : 8 Aug 2016 20:41
Operator : UM/SJ
Sample : H4364-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMA-FL-01

Quant Time: Aug 09 04:05:30 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	7.43	152	40998	20.00	ng		-0.02
21) Naphthalene-d8	9.45	136	177474	20.00	ng		-0.02
38) Acenaphthene-d10	12.26	164	85641	20.00	ng		-0.03
63) Phenanthrene-d10	14.66	188	161901	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	109417	20.00	ng		-0.02
86) Perylene-d12	20.02	264	85095	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	417454	170.66	ng		0.00
7) Phenol-d6	6.96	99	571641	172.27	ng		-0.02
23) Nitrobenzene-d5	8.33	82	348304	108.55	ng		-0.03
41) 2,4,6-Tribromophenol	13.57	330	115929	164.03	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	655271	99.44	ng		-0.02
78) Terphenyl-d14	17.03	244	556202	100.35	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	11.92	163	116821	17.40	ng		99
70) Phenanthrene	14.71	178	22655	2.57	ng		98
74) Fluoranthene	16.47	202	25870	2.86	ng		98
77) Pyrene	16.78	202	21173	2.19	ng	#	94

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

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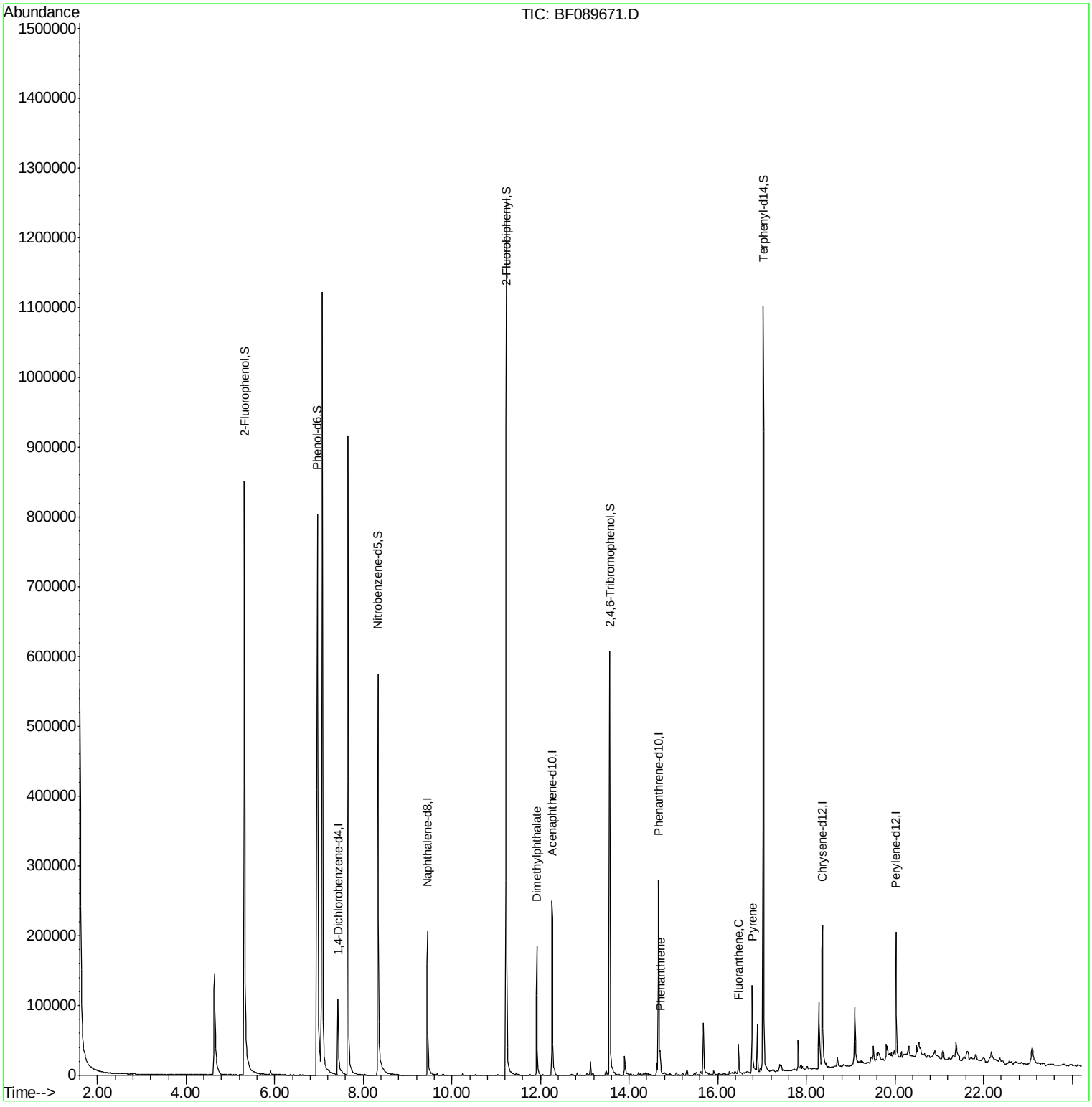
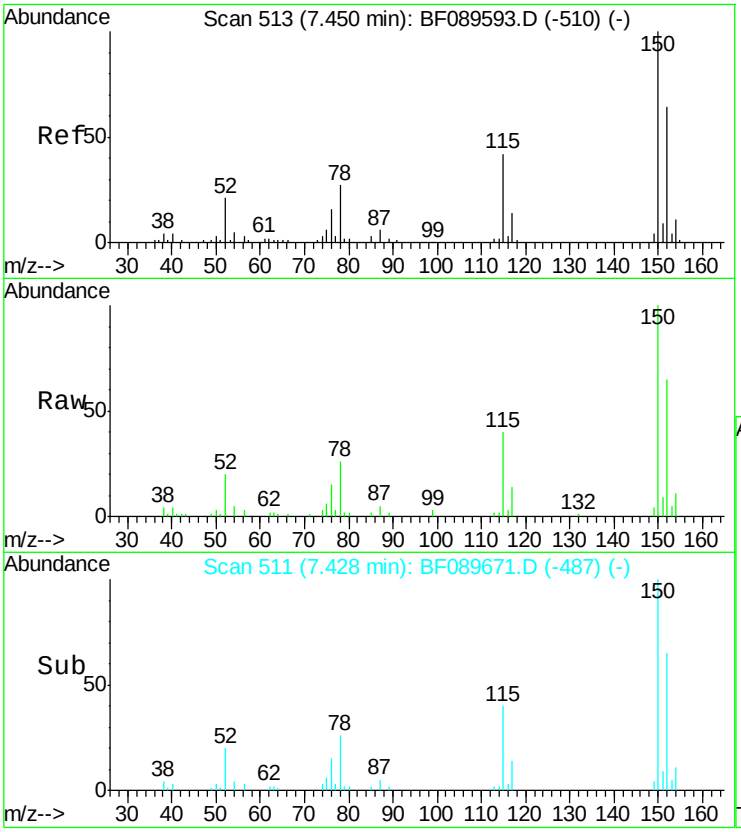


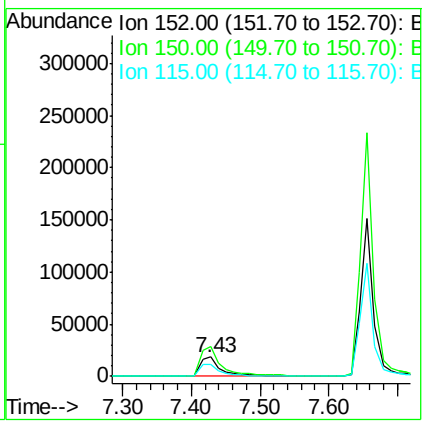


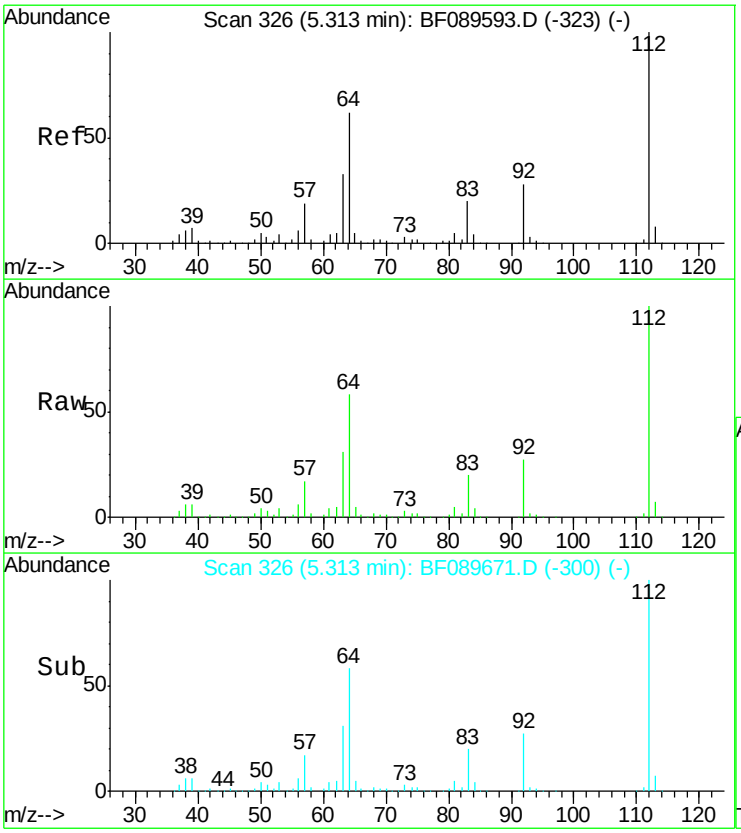
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:152 Resp: 40998

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.5	188.3
115	62.1	52.0	78.0

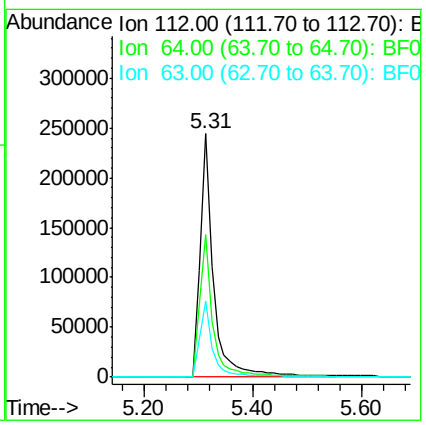


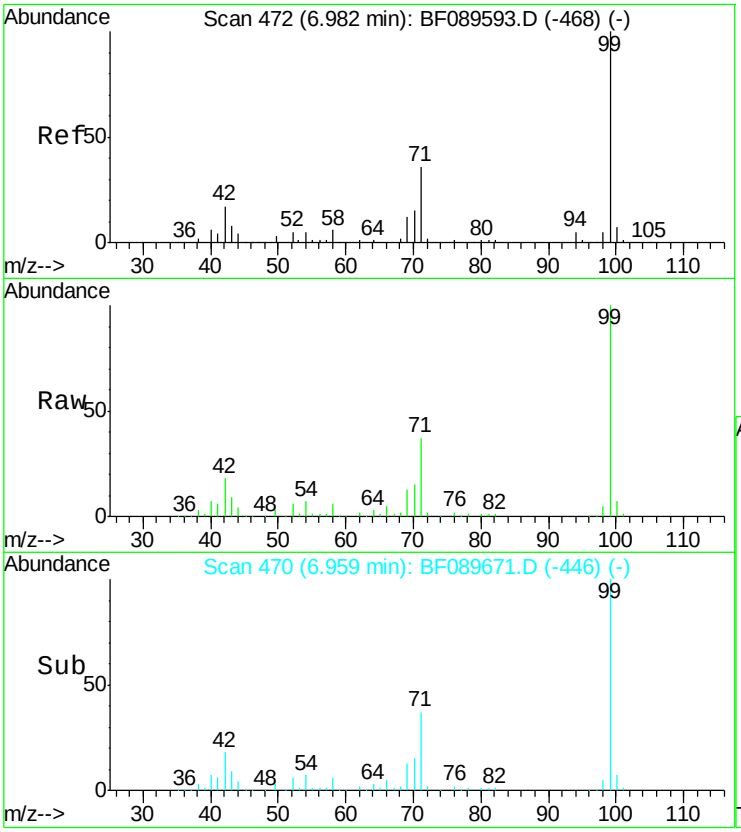


#5
2-Fluorophenol
Concen: 170.66 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:112 Resp: 417454

Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.9	74.9
63	31.1	26.1	39.1



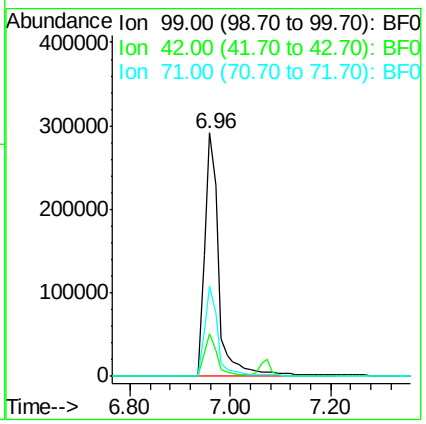


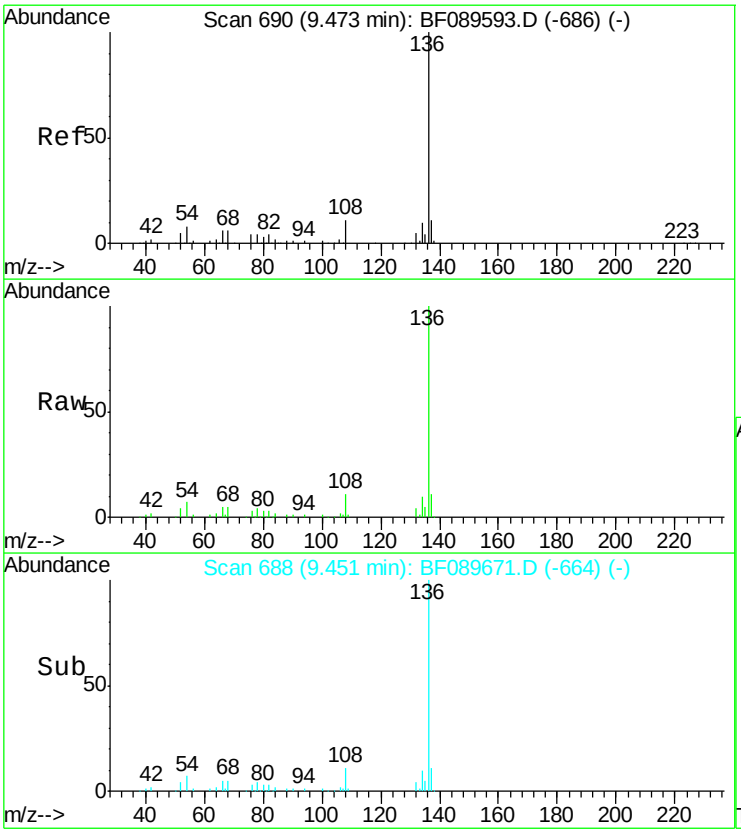
#7
Phenol-d6
Concen: 172.27 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion: 99 Resp: 571641

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	37.0	29.0	43.4

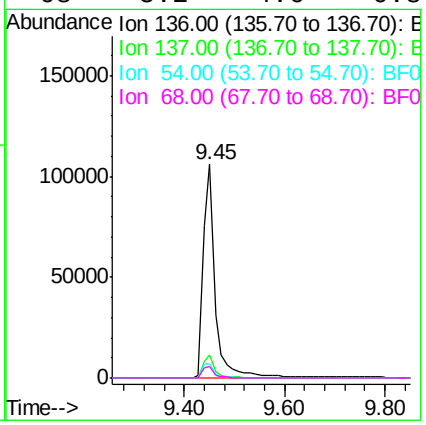


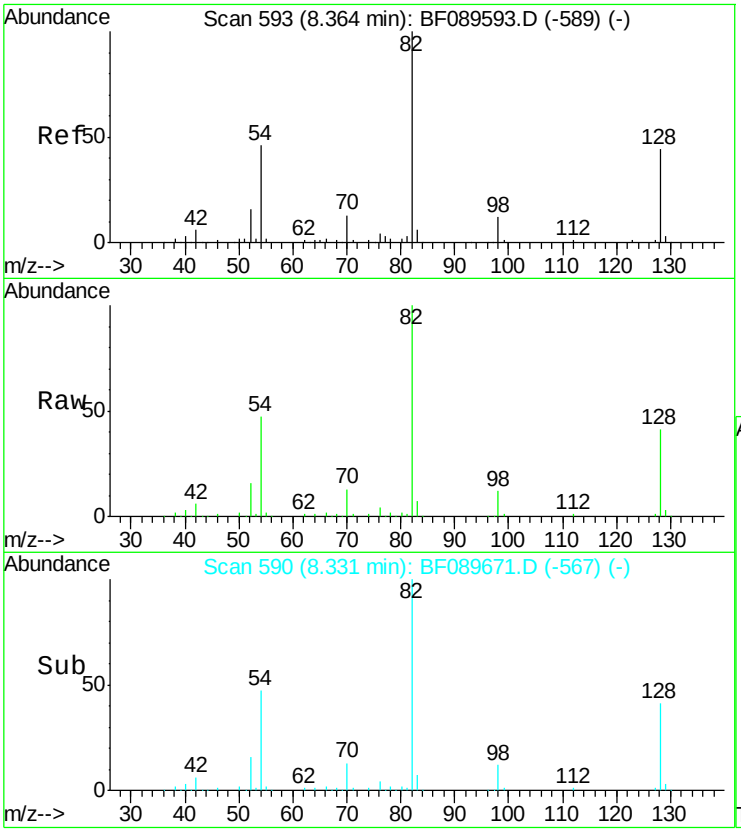


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:136 Resp: 177474

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.6	6.0	9.0
68	5.2	4.6	6.8



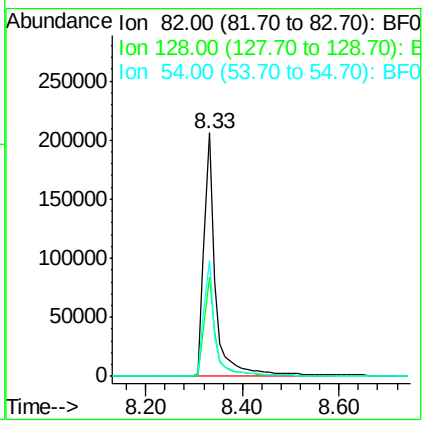


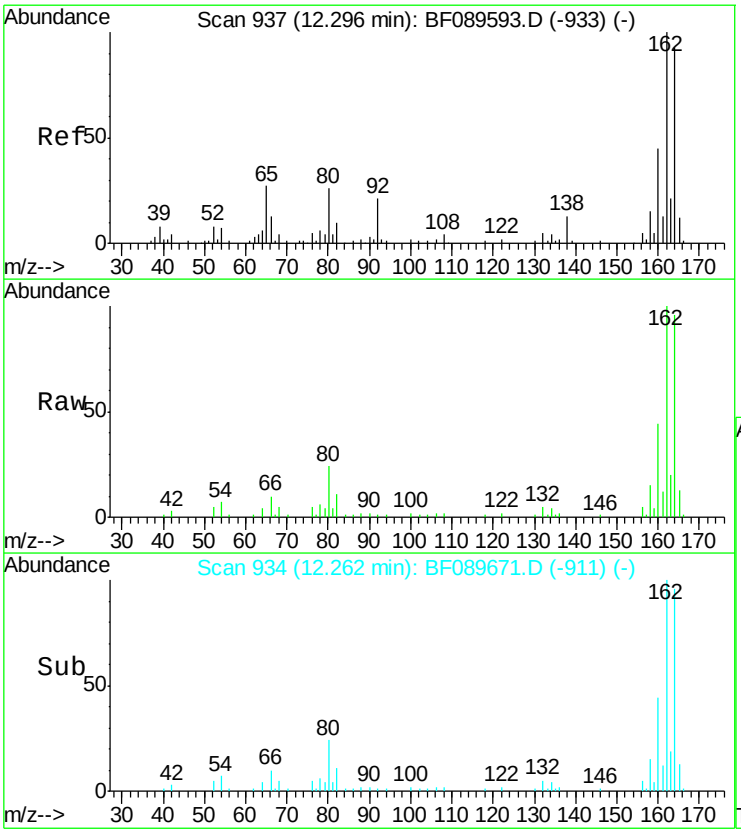
#23
Nitrobenzene-d5
Concen: 108.55 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion: 82 Resp: 348304

Ion	Ratio	Lower	Upper
82	100		
128	40.7	35.4	53.0
54	47.3	36.4	54.6

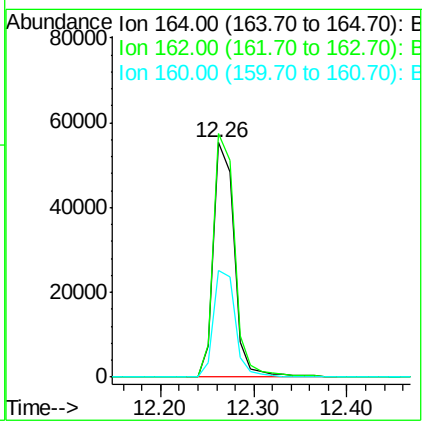


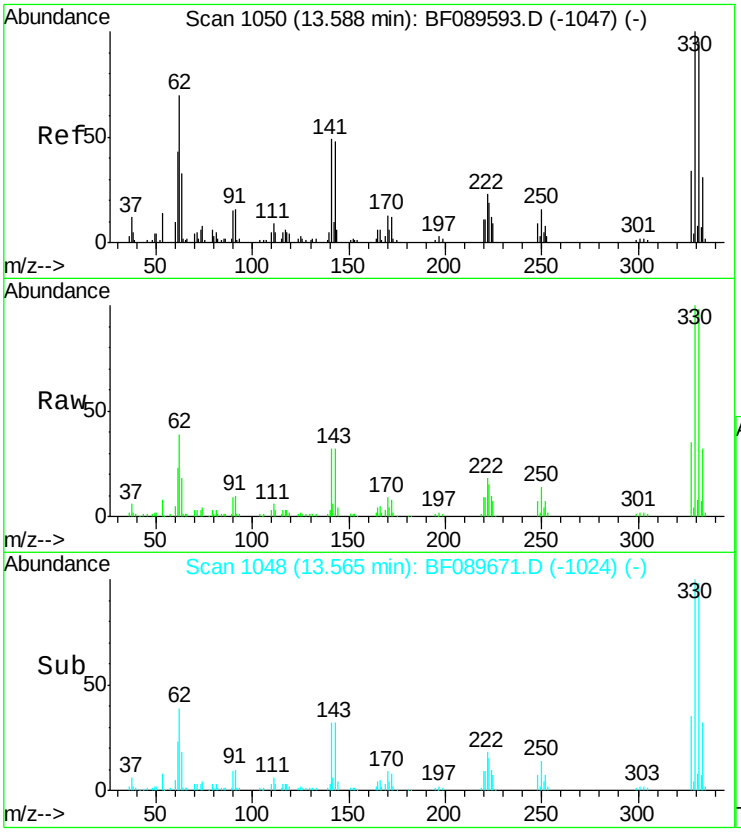


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:164 Resp: 85641

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.7	128.5
160	45.5	38.2	57.4



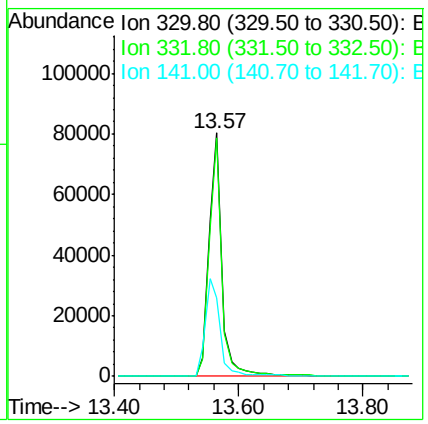


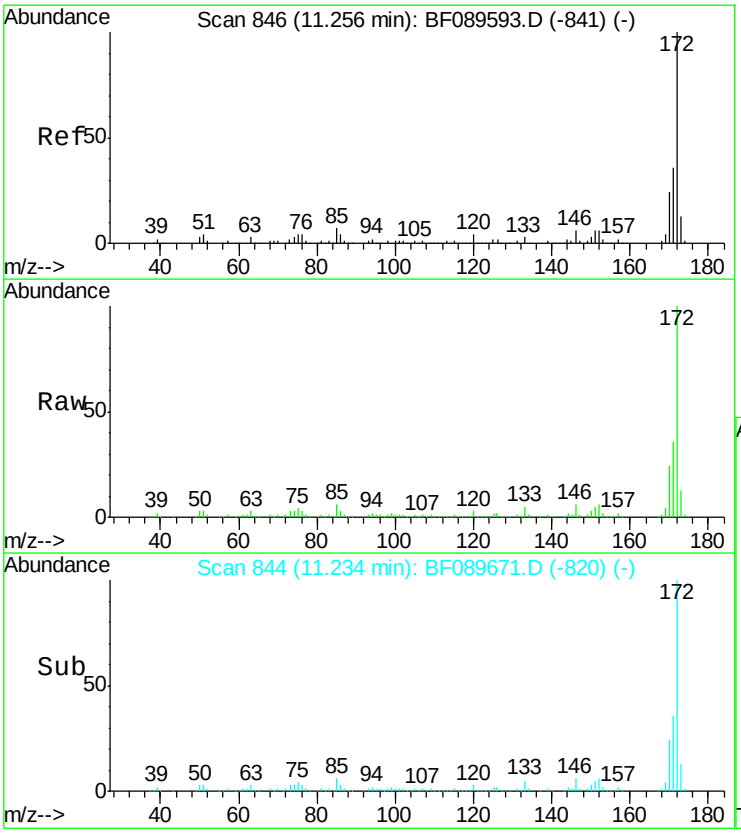
#41
2,4,6-Tribromophenol
Concen: 164.03 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:330 Resp: 115929

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	46.2	38.6	57.8

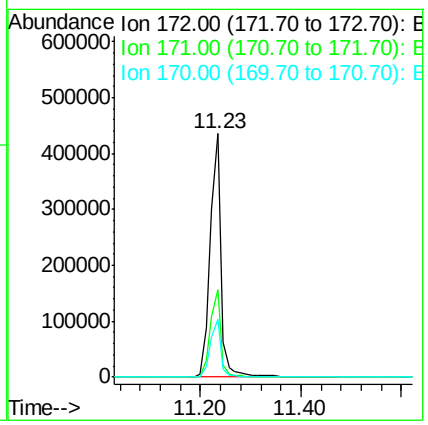


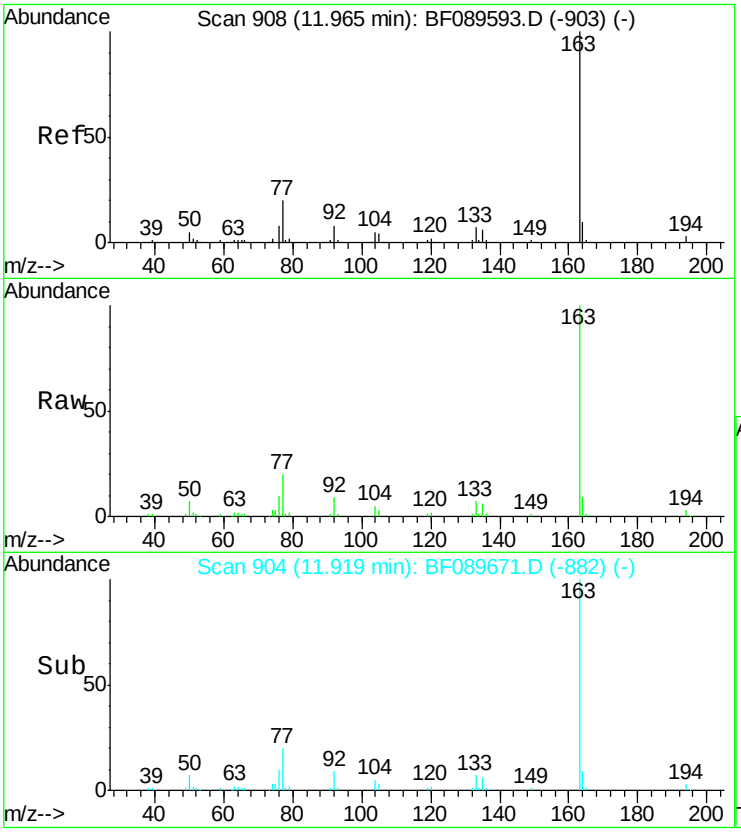


#44
2-Fluorobiphenyl
Concen: 99.44 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:172 Resp: 655271

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.8	19.0	28.6



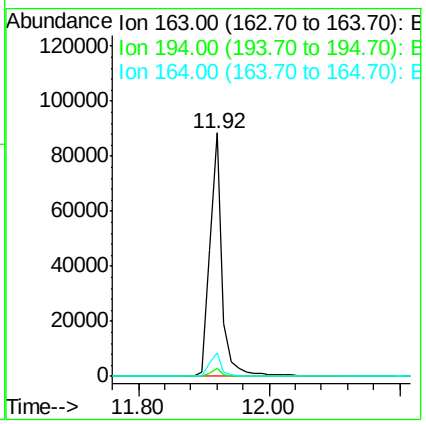


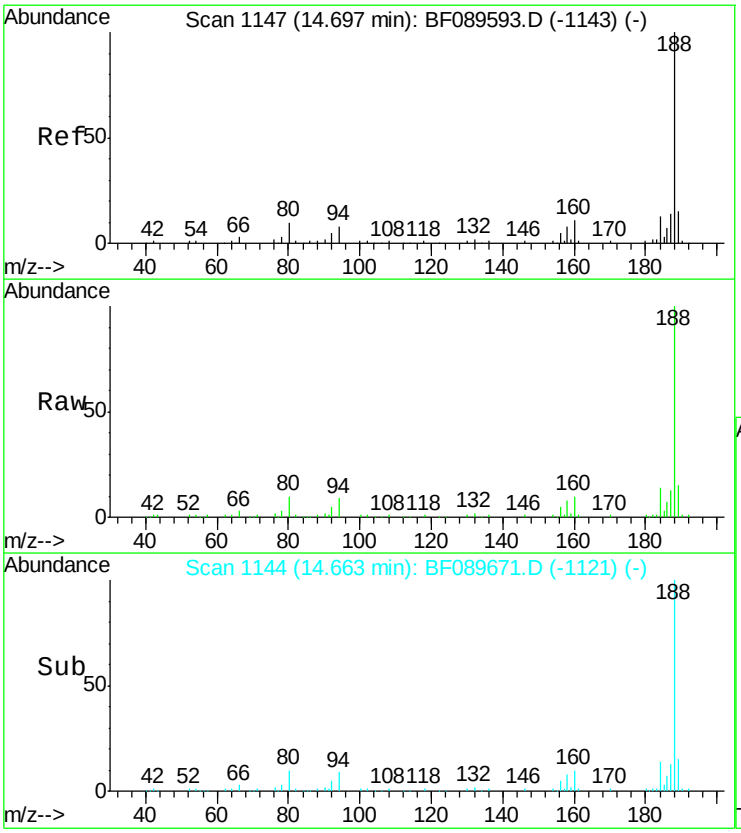
#49
Dimethylphthalate
Concen: 17.40 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:163 Resp: 116821

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	7.8	11.6

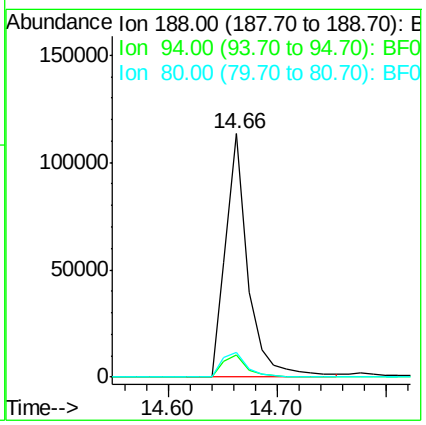


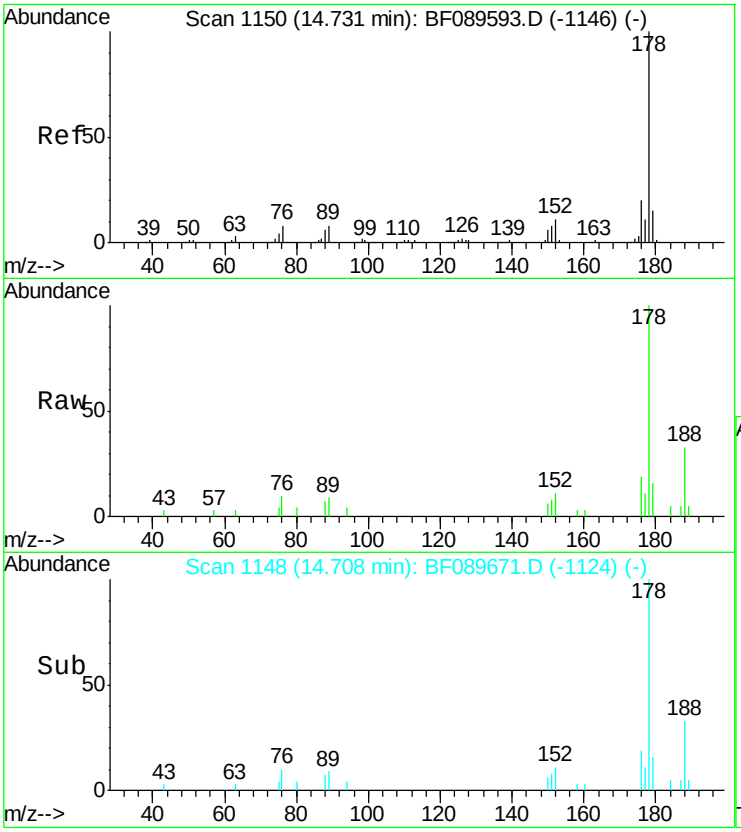


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:188 Resp: 161901

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	8.0	12.0



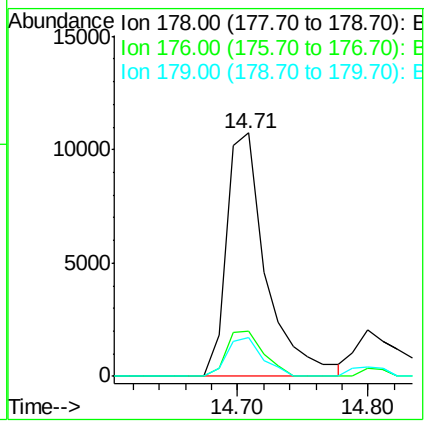


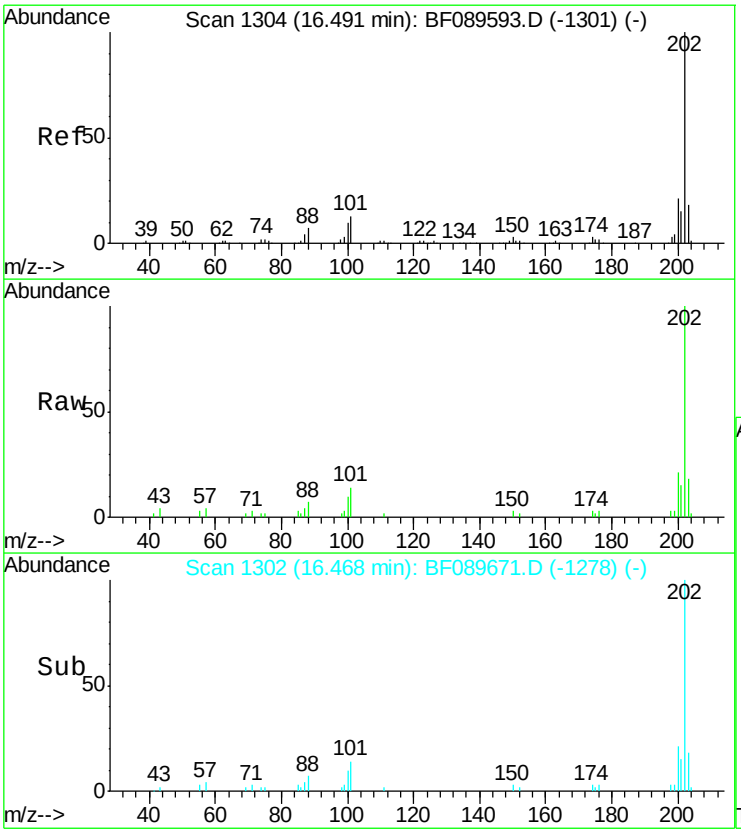
#70
Phenanthrene
Concen: 2.57 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:178 Resp: 22655

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	16.1	12.2	18.2

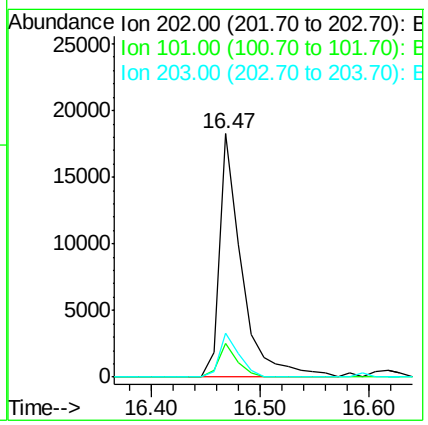


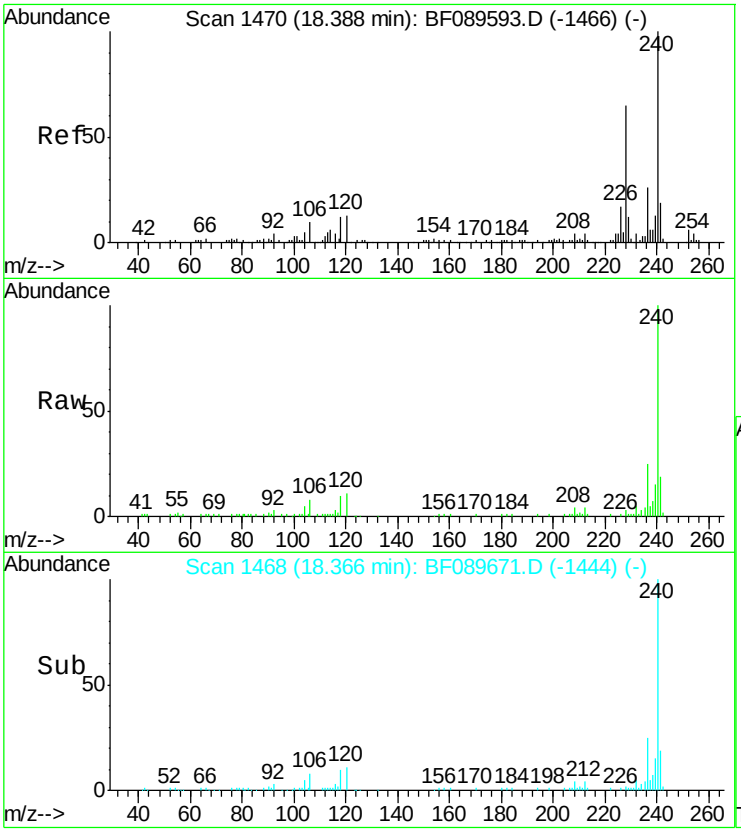


#74
Fluoranthene
Concen: 2.86 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:202 Resp: 25870

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.7
203	18.2	0.0	37.8



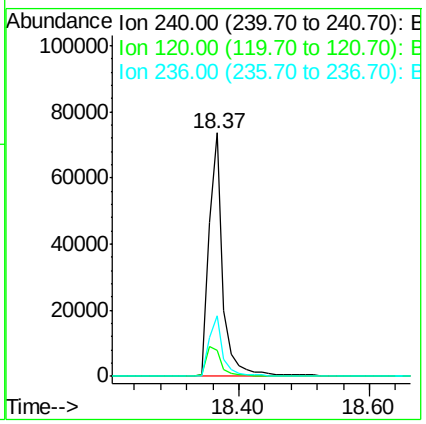


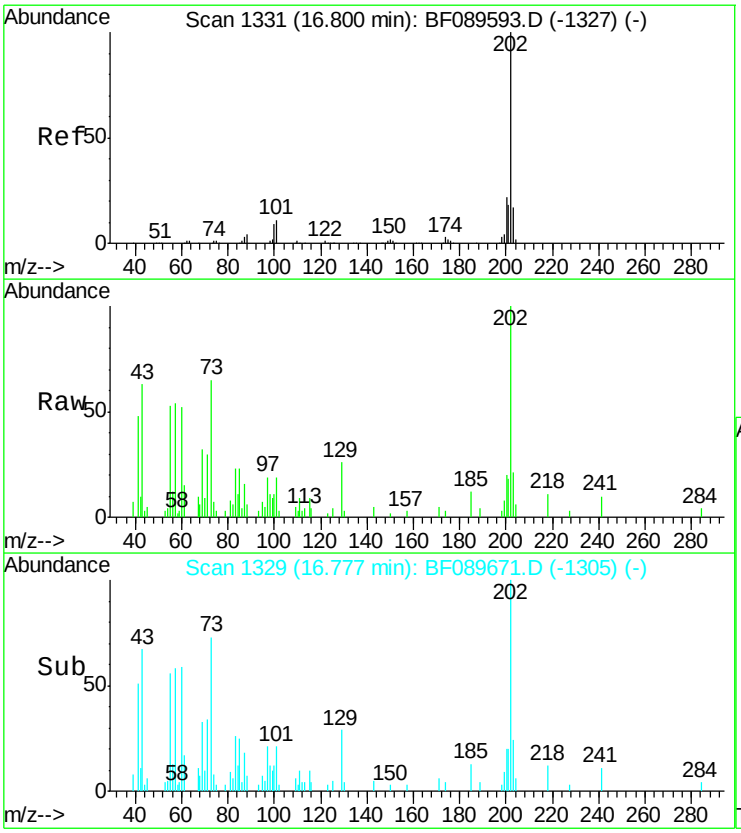
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:240 Resp: 109417

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.6	15.8
236	25.0	20.6	30.8

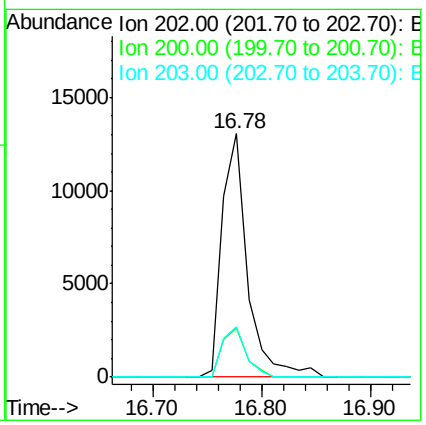


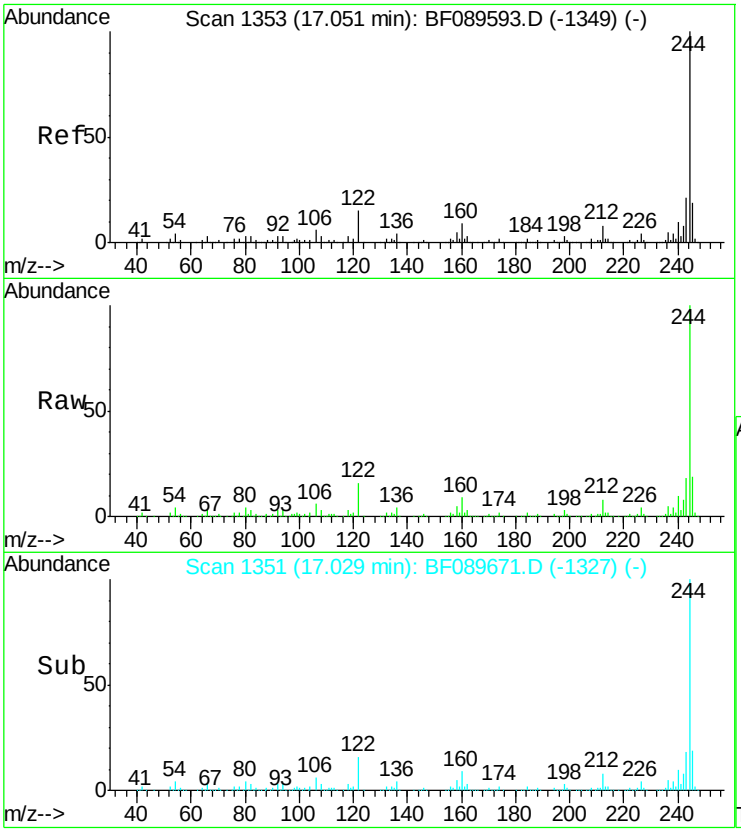


#77
Pyrene
Concen: 2.19 ng
RT: 16.78 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:202 Resp: 21173

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.0
203	20.9	13.6	20.4#



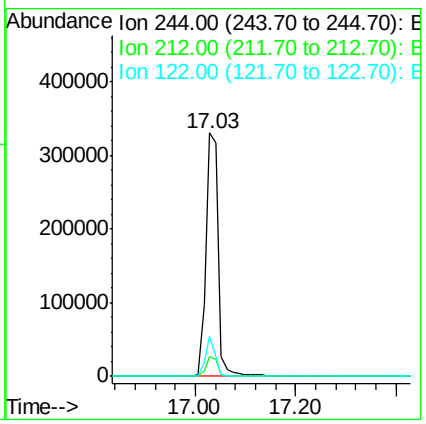


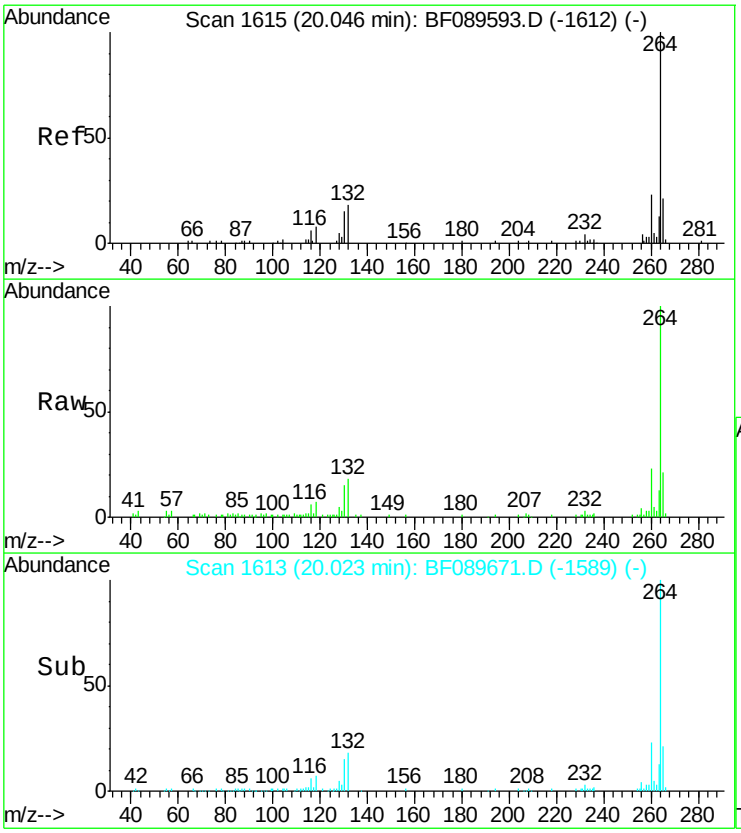
#78
Terphenyl-d14
Concen: 100.35 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Instrument :
BNA_F
ClientSampleId :
MMA-FL-01

Tgt Ion:244 Resp: 556202

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	16.5	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089671.D
Acq: 8 Aug 2016 20:41

Tgt Ion:264 Resp: 85095

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.8	16.5	24.7