Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096293.D
Acq On : 29 Jun 2017 15:54
Operator : SJ/MA
Sample : I3928-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-14

Quant Time: Jun 29 18:26:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169036	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	654282	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	233541	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	341564	20.00	ng		0.00
75) Chrysene-d12	13.92	240	339204	20.00	ng		0.00
86) Perylene-d12	15.34	264	261404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	874898	74.57	ng		0.00
7) Phenol-d6	6.40	99	1319913	92.90	ng		0.01
23) Nitrobenzene-d5	7.33	82	802536	84.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	110201	59.96	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1215685	95.33	ng		-0.02
78) Terphenyl-d14	12.87	244	861244	63.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.41	94	41672	2.67	ng		87
20) 3+4-Methylphenols	7.17	107	27660	2.43	ng	#	59
49) Dimethylphthalate	9.52	163	117263	7.02	ng	#	98

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

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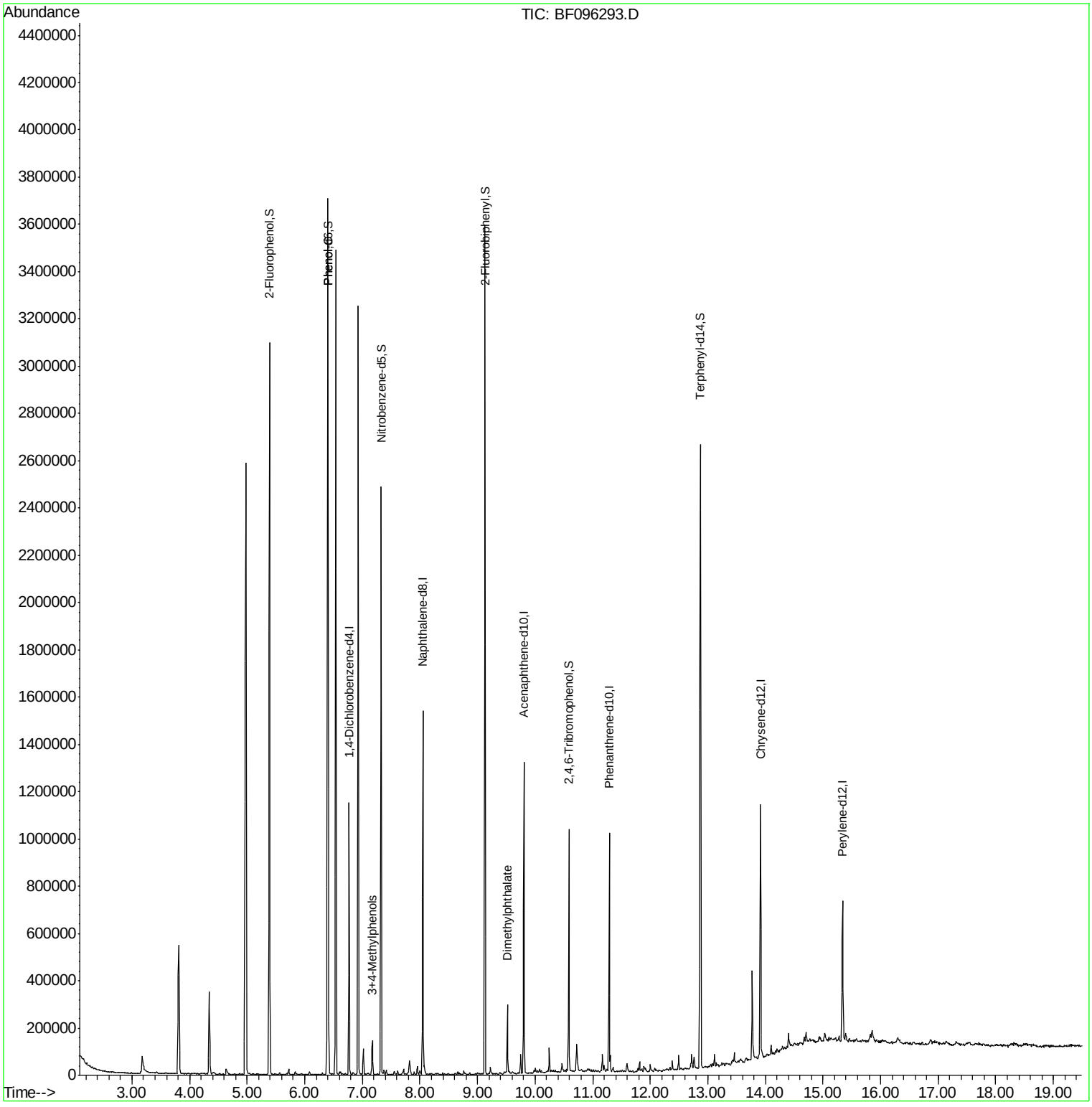
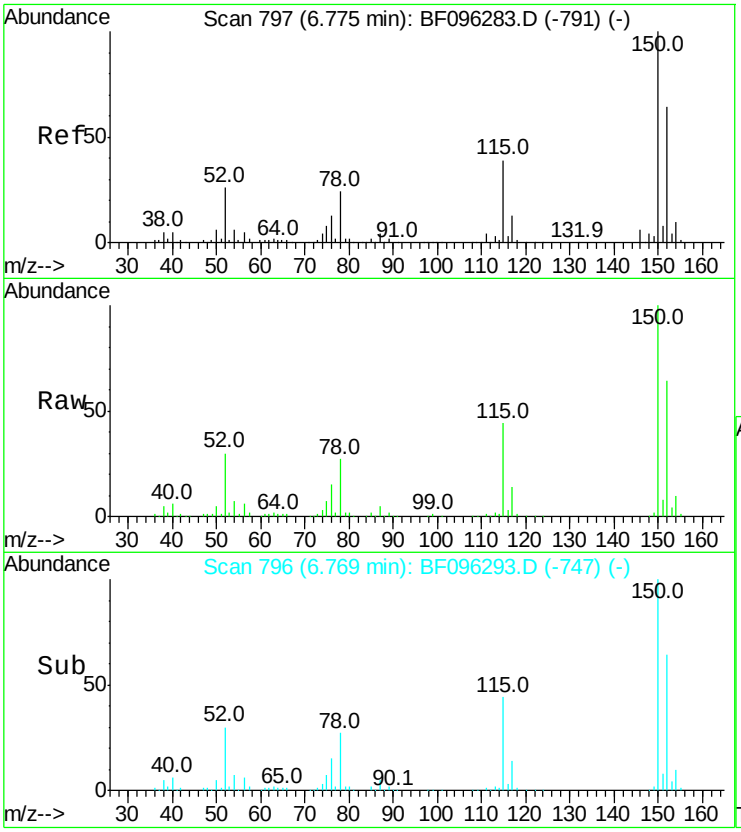


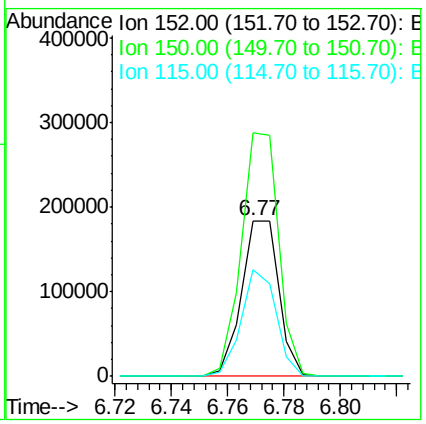


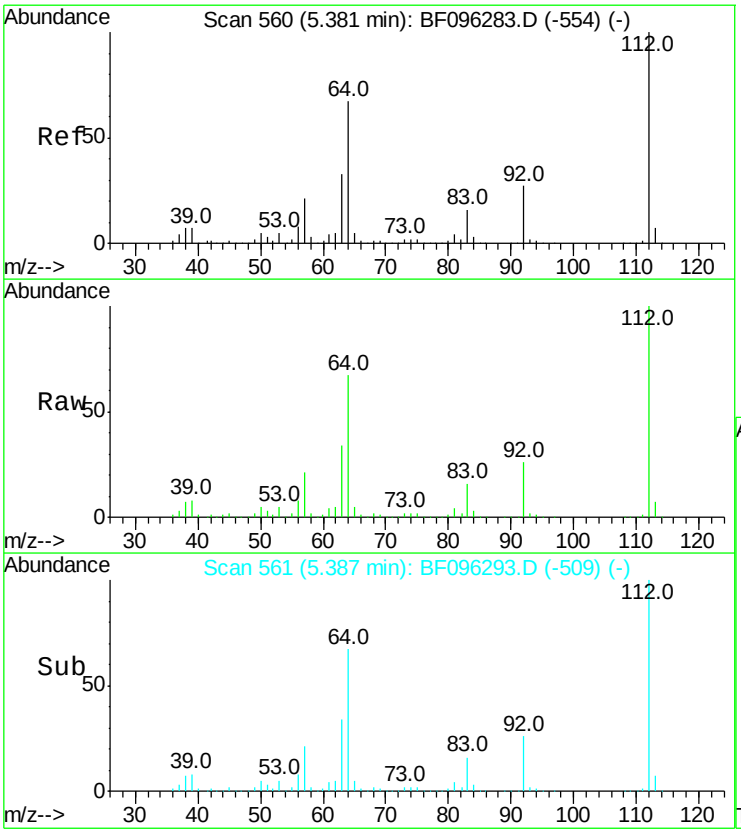
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:152 Resp: 169036

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	68.7	52.2	78.2

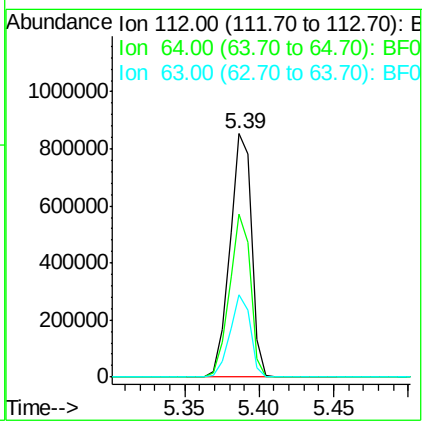


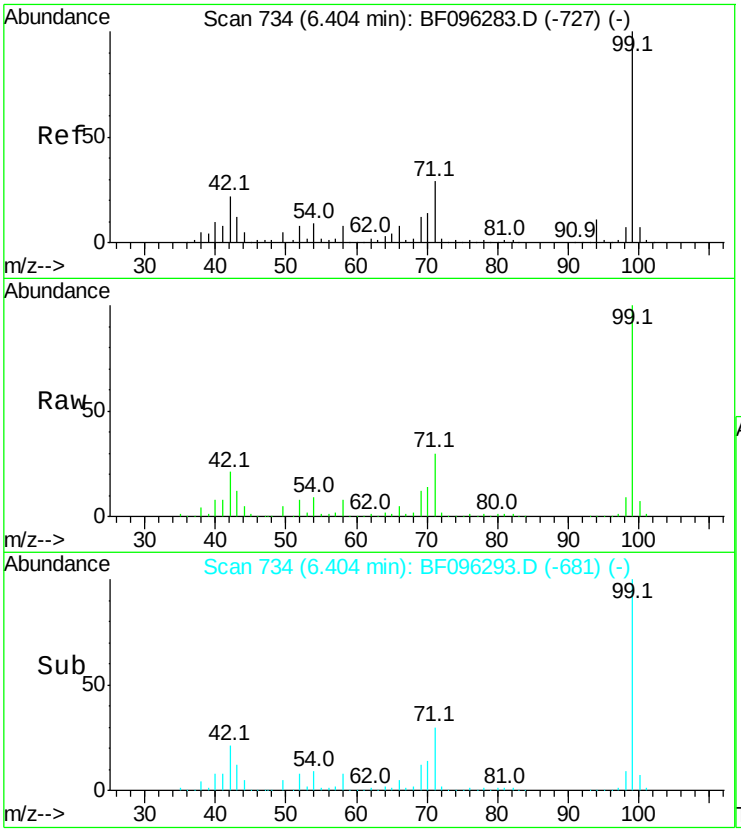


#5
2-Fluorophenol
Concen: 74.57 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:112 Resp: 874898

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.6	23.4	35.0



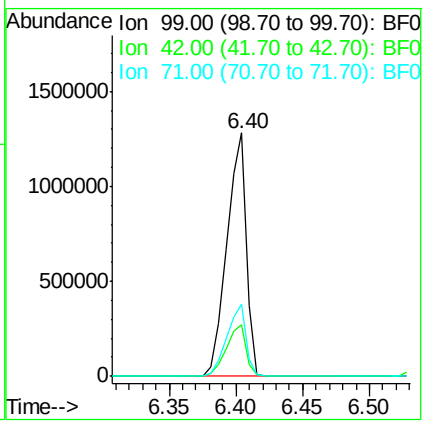


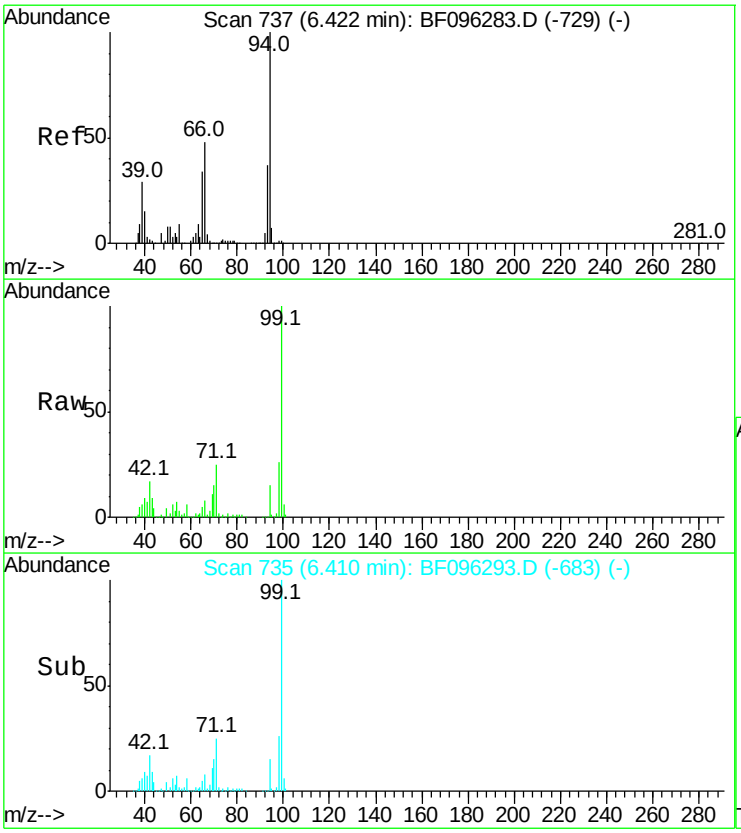
#7
Phenol-d6
Concen: 92.90 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion: 99 Resp: 1319913

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.6	24.5	36.7

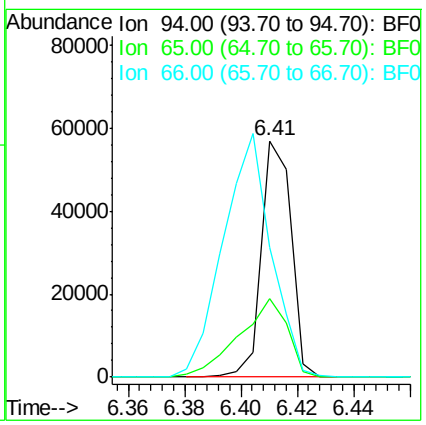


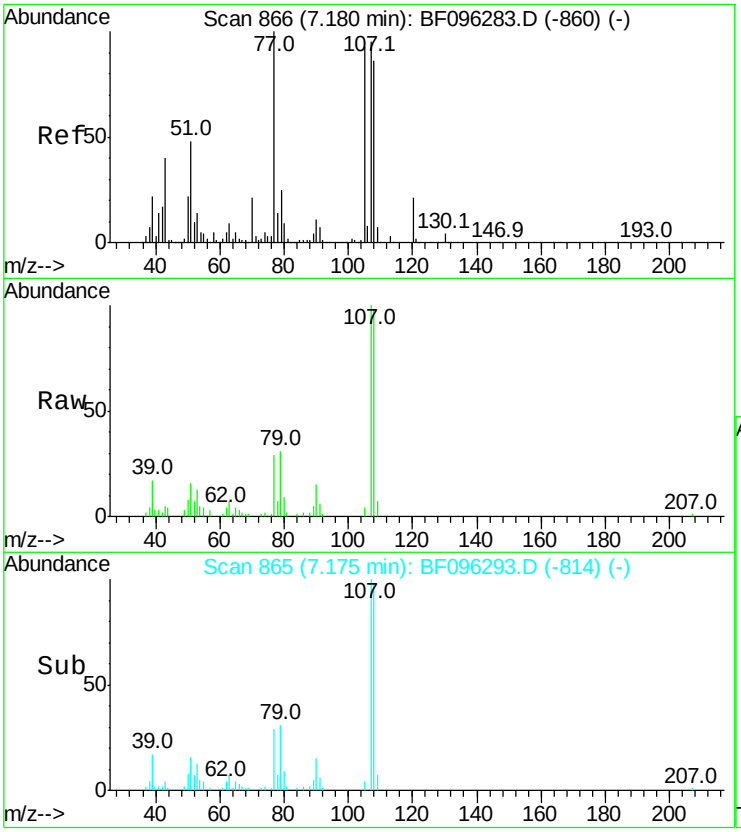


#10
Phenol
Concen: 2.67 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion: 94 Resp: 41672

Ion	Ratio	Lower	Upper
94	100		
65	33.1	9.9	49.9
66	55.1	23.1	63.1



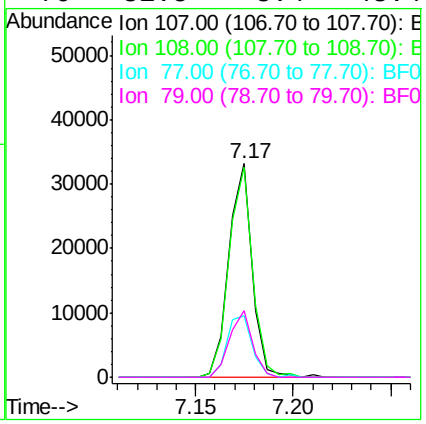


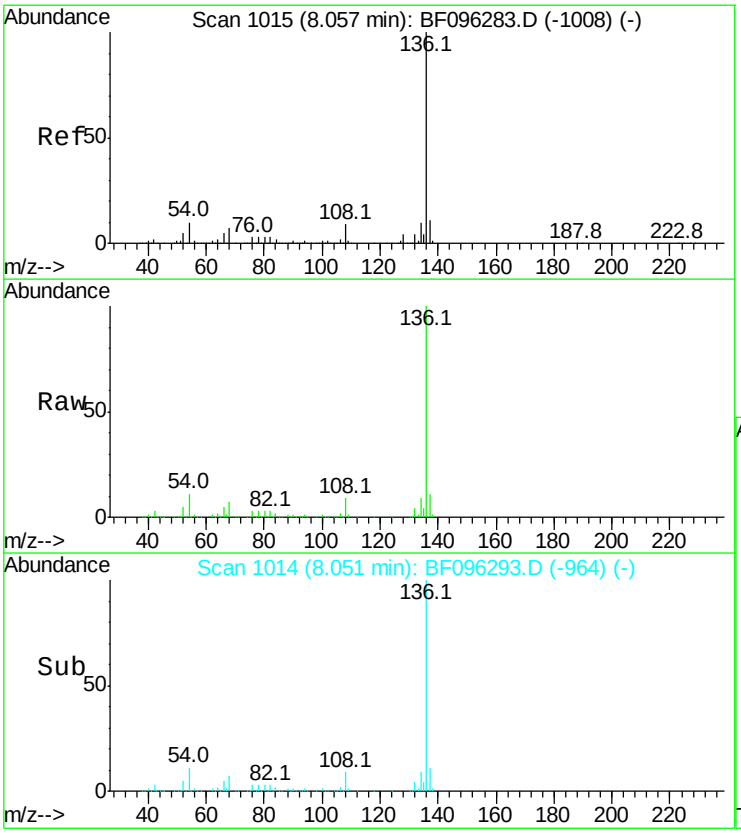
#20
3+4-Methylphenols
Concen: 2.43 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:107 Resp: 27660

Ion	Ratio	Lower	Upper
107	100		
108	98.2	71.0	111.0
77	28.8	90.5	130.5#
79	31.5	8.4	48.4

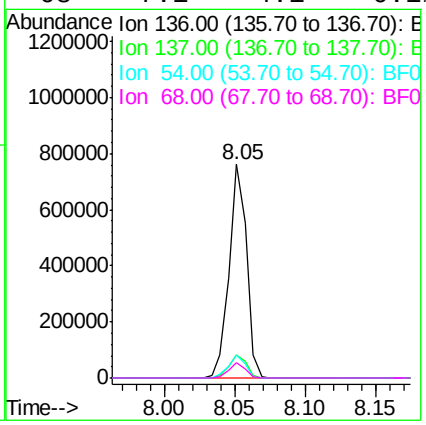


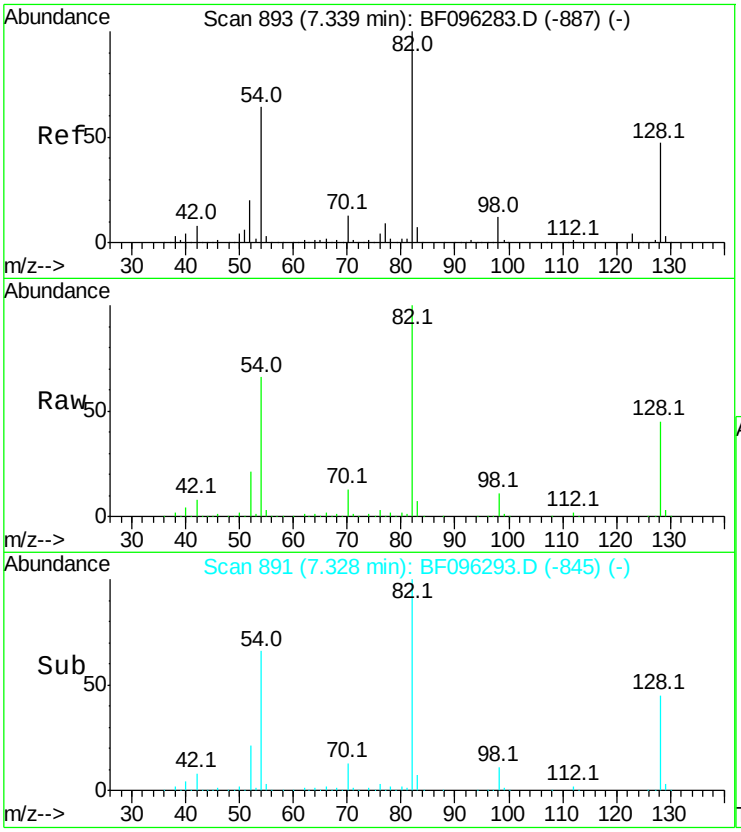


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:136 Resp: 654282

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.7	4.9	7.3#
68	7.1	4.1	6.1#



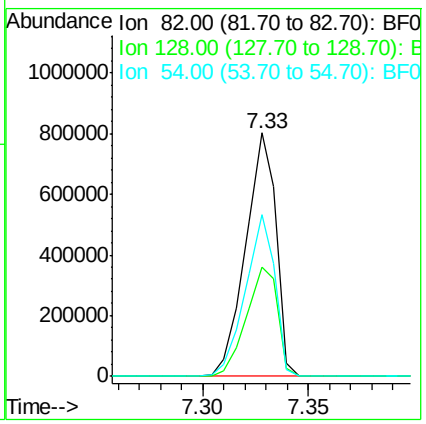


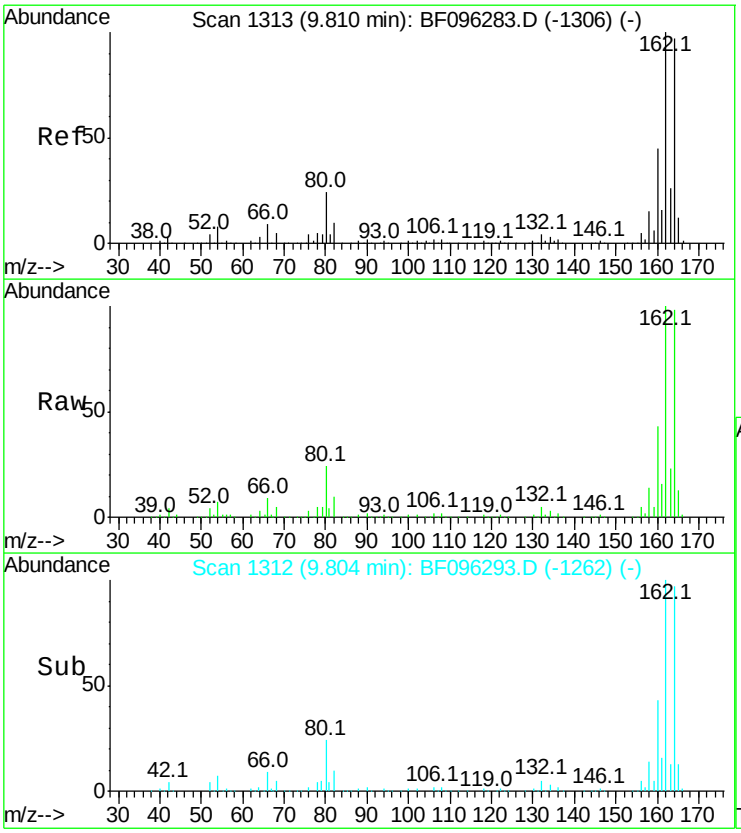
#23
Nitrobenzene-d5
Concen: 84.91 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion: 82 Resp: 802536

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	66.3	42.2	63.2#

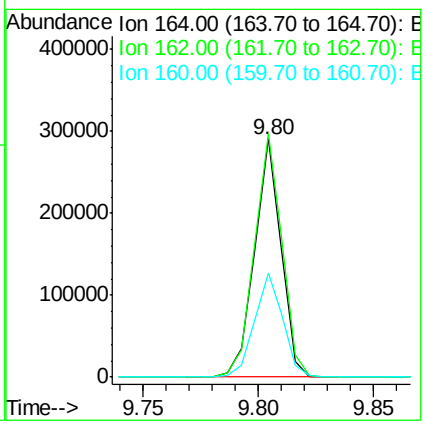


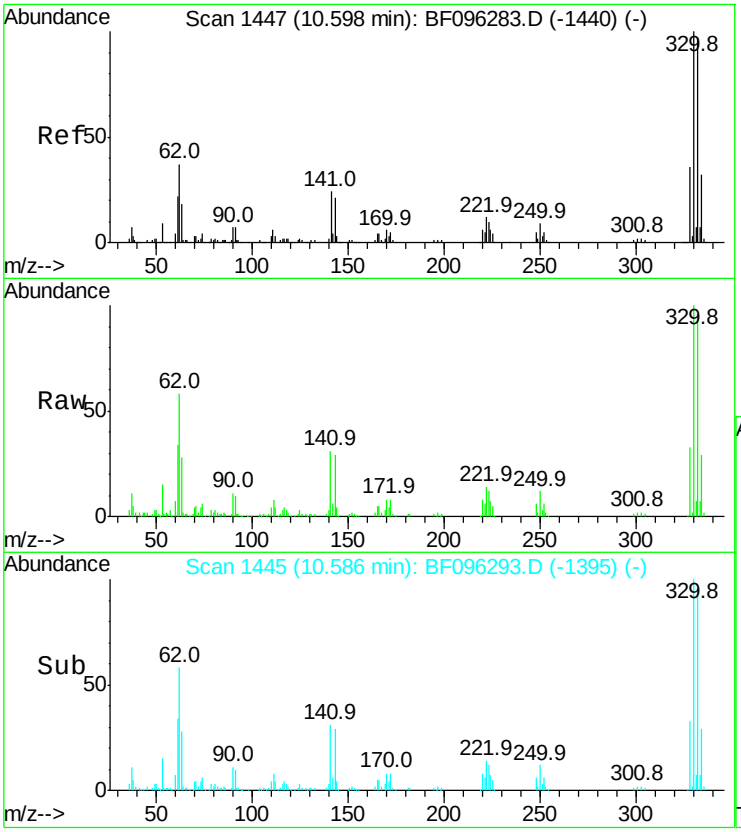


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:164 Resp: 233541

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.6	36.2	54.2



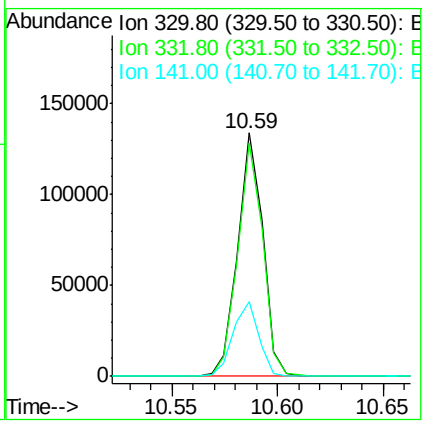


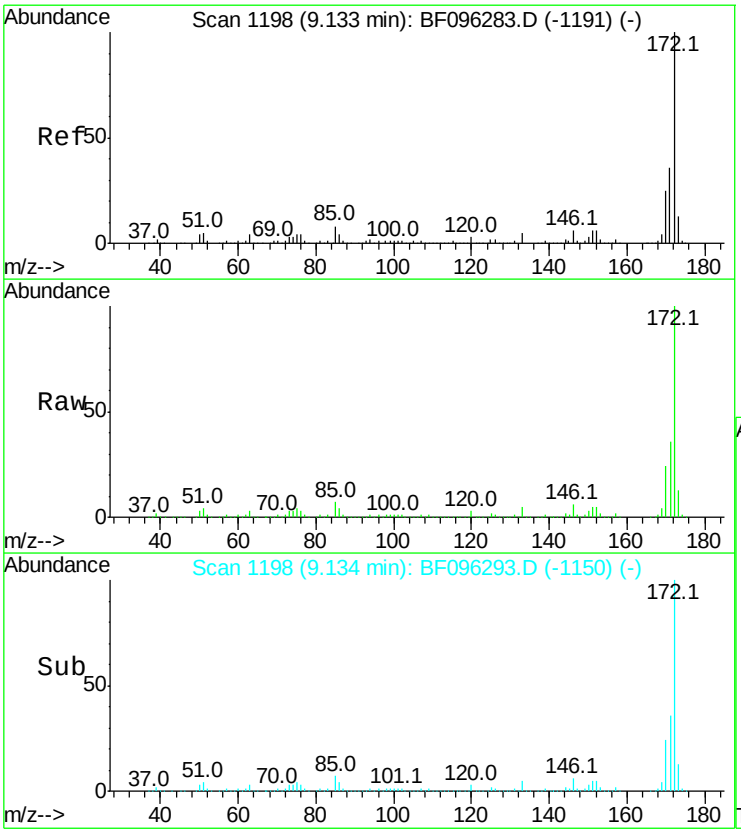
#41
2,4,6-Tribromophenol
Concen: 59.96 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:330 Resp: 110201

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	31.4	31.4	47.2#

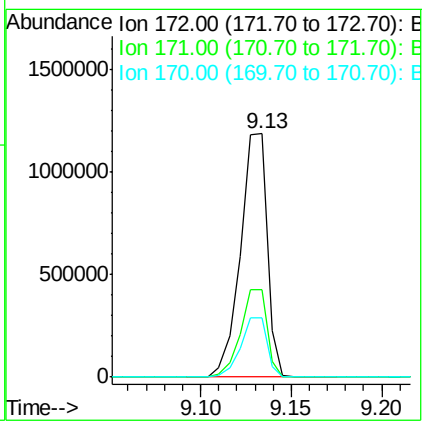


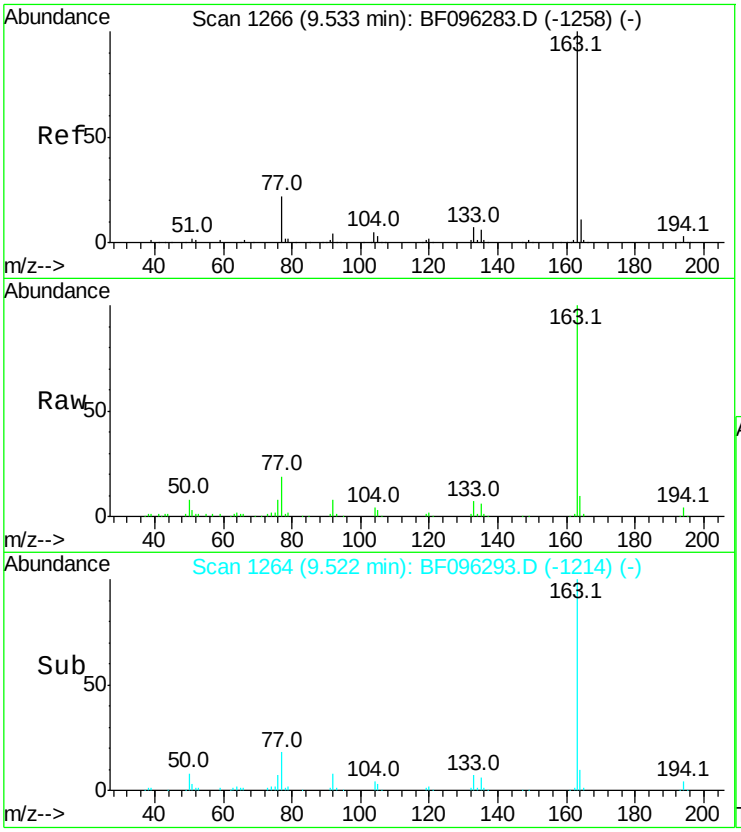


#44
2-Fluorobiphenyl
Concen: 95.33 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:172 Resp: 1215685

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8



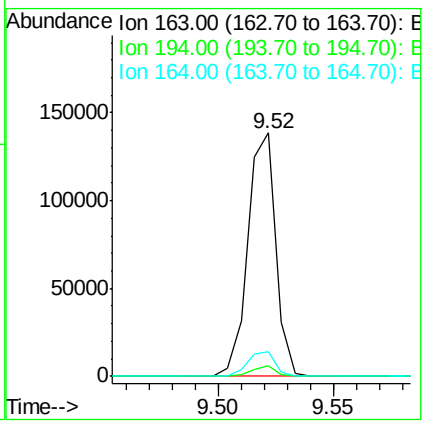


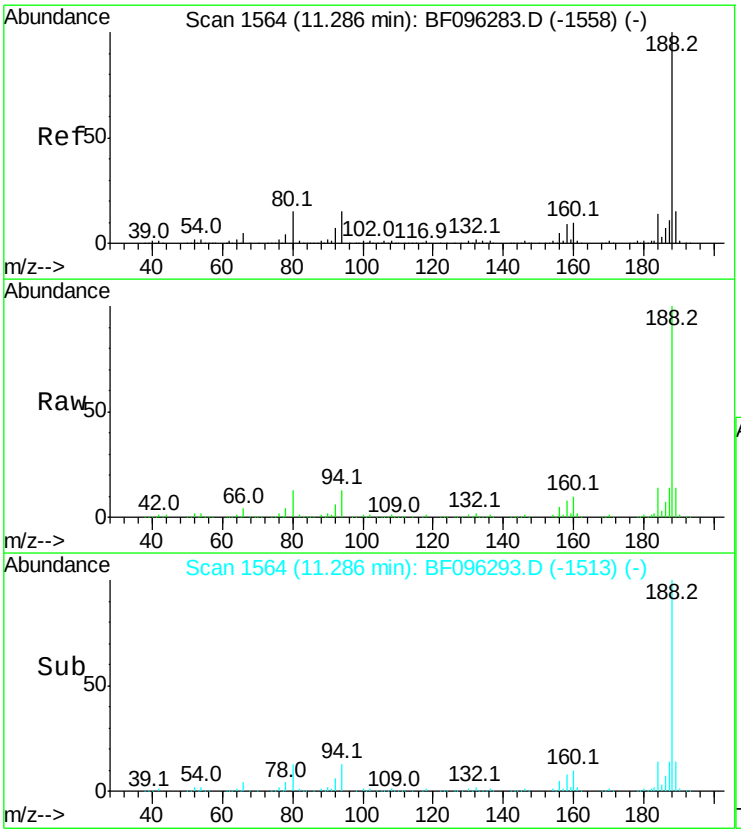
#49
Dimethylphthalate
Concen: 7.02 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:163 Resp: 117263

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.0	8.4	12.6

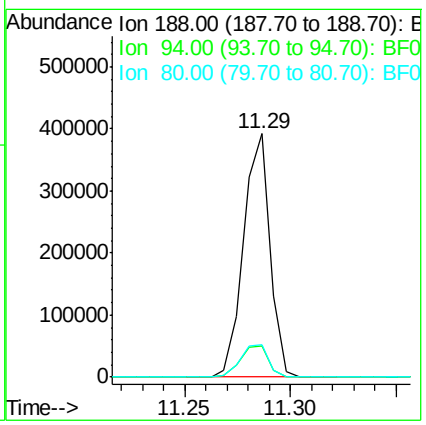


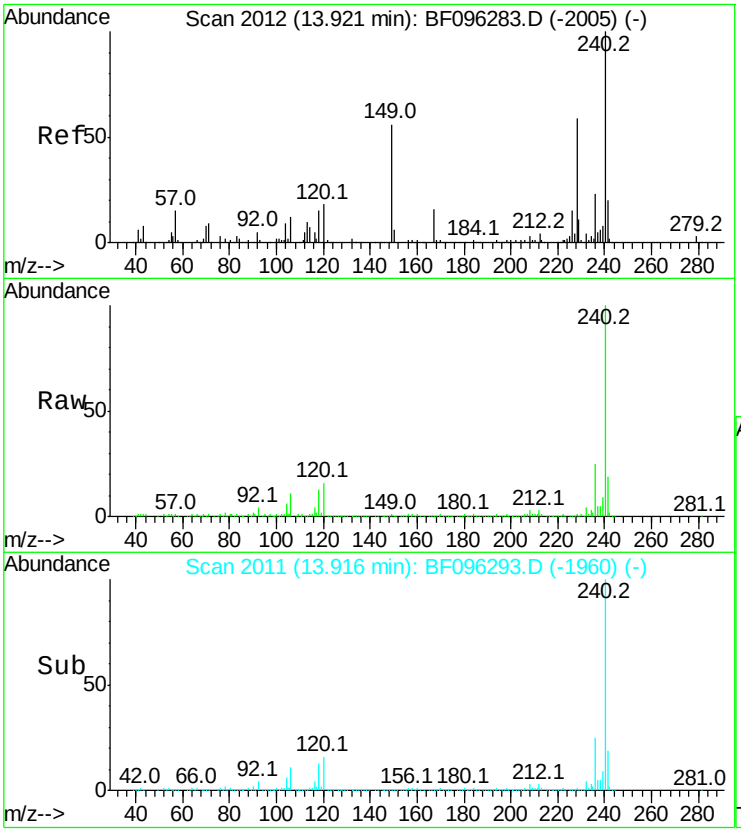


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:188 Resp: 341564

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	13.3	10.2	15.2



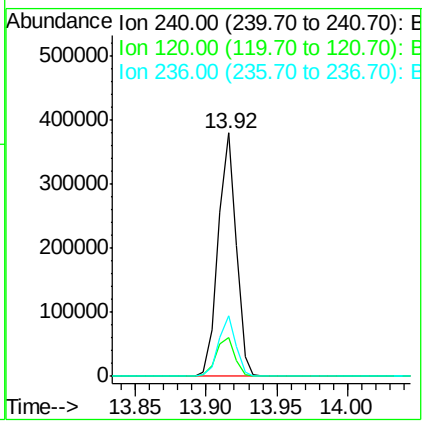


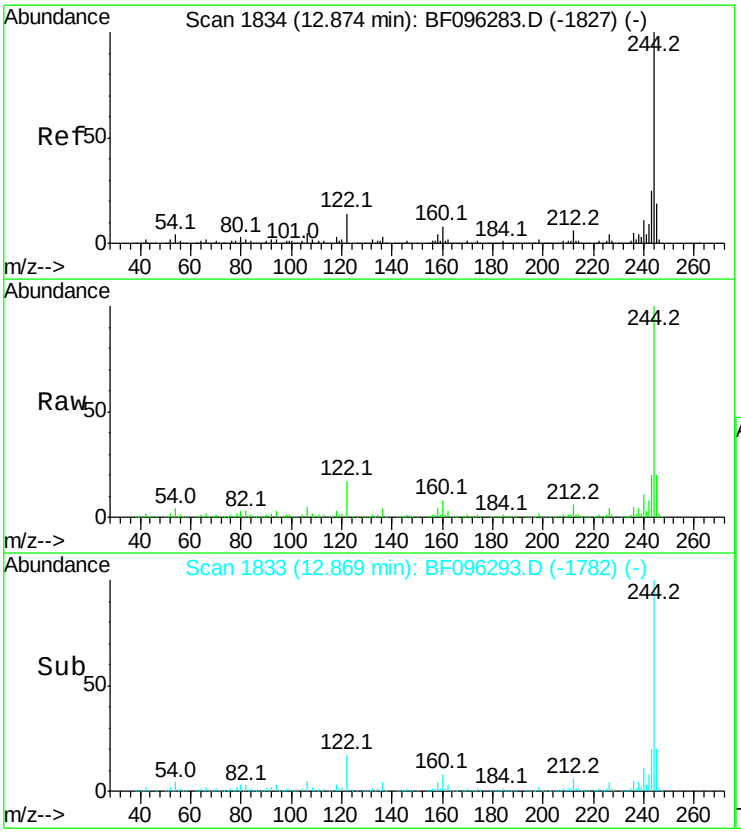
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:240 Resp: 339204

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	24.7	20.5	30.7

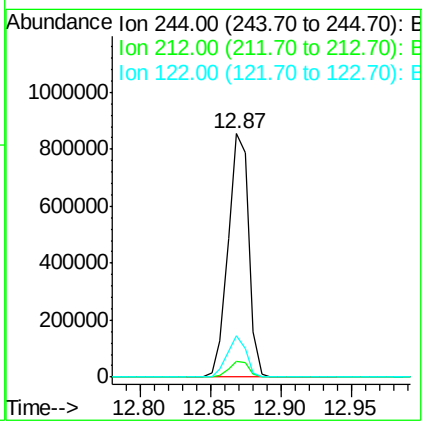


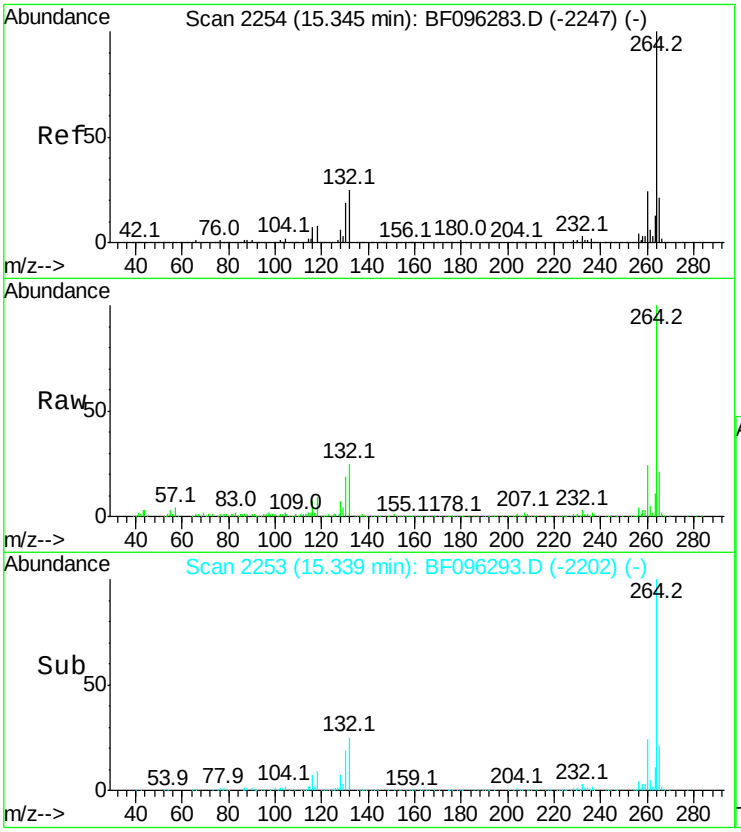


#78
Terphenyl-d14
Concen: 63.36 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:244 Resp: 861244

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	16.8	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tgt Ion:264 Resp: 261404

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	17.2	25.8