Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085957.D
Acq On : 1 Apr 2016 5:29
Operator : UM/SJ
Sample : H2025-01DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLARK-PHASE3-WELL-STOCKPILE

Quant Time: Apr 01 04:52:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	99996	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	405349	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	178291	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	302982	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	184017	20.00	ng		-0.02
86) Perylene-d12	15.36	264	199431	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	151272	25.19	ng		-0.01
7) Phenol-d6	6.42	99	220087	28.83	ng		-0.02
23) Nitrobenzene-d5	7.35	82	121717	16.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	36142	21.34	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	197188	18.48	ng		-0.02
78) Terphenyl-d14	12.89	244	124887	13.96	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	15431	3.38	ng	#	80
25) Isophorone	7.35	82	121715	8.78	ng	#	68
31) Naphthalene	8.09	128	79634	3.90	ng		98
48) Acenaphthylene	9.69	152	83544	4.63	ng		97
49) Dimethylphthalate	9.54	163	32270	2.39	ng		97
50) 2,6-Dinitrotoluene	9.83	165	23350	8.02	ng	#	19
51) Acenaphthene	9.86	154	79067	7.18	ng		99
57) Fluorene	10.38	166	53609	4.53	ng		99
70) Phenanthrene	11.34	178	490771	31.55	ng		99
71) Anthracene	11.38	178	172231	10.55	ng		98
74) Fluoranthene	12.53	202	663373	40.12	ng		91
77) Pyrene	12.76	202	921191	60.90	ng		100
80) Benzo(a)anthracene	13.93	228	320948	30.59	ng	#	93
82) Chrysene	13.93	228	320948	30.37	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	177463	21.74	ng		93
87) Benzo(b)fluoranthene	14.96	252	411054	32.72	ng		99
88) Benzo(k)fluoranthene	14.96	252	411054	36.29	ng	#	97
89) Benzo(a)pyrene	15.31	252	261015	23.40	ng		98
91) Benzo(g,h,i)perylene	17.15	276	189798	18.08	ng		96

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

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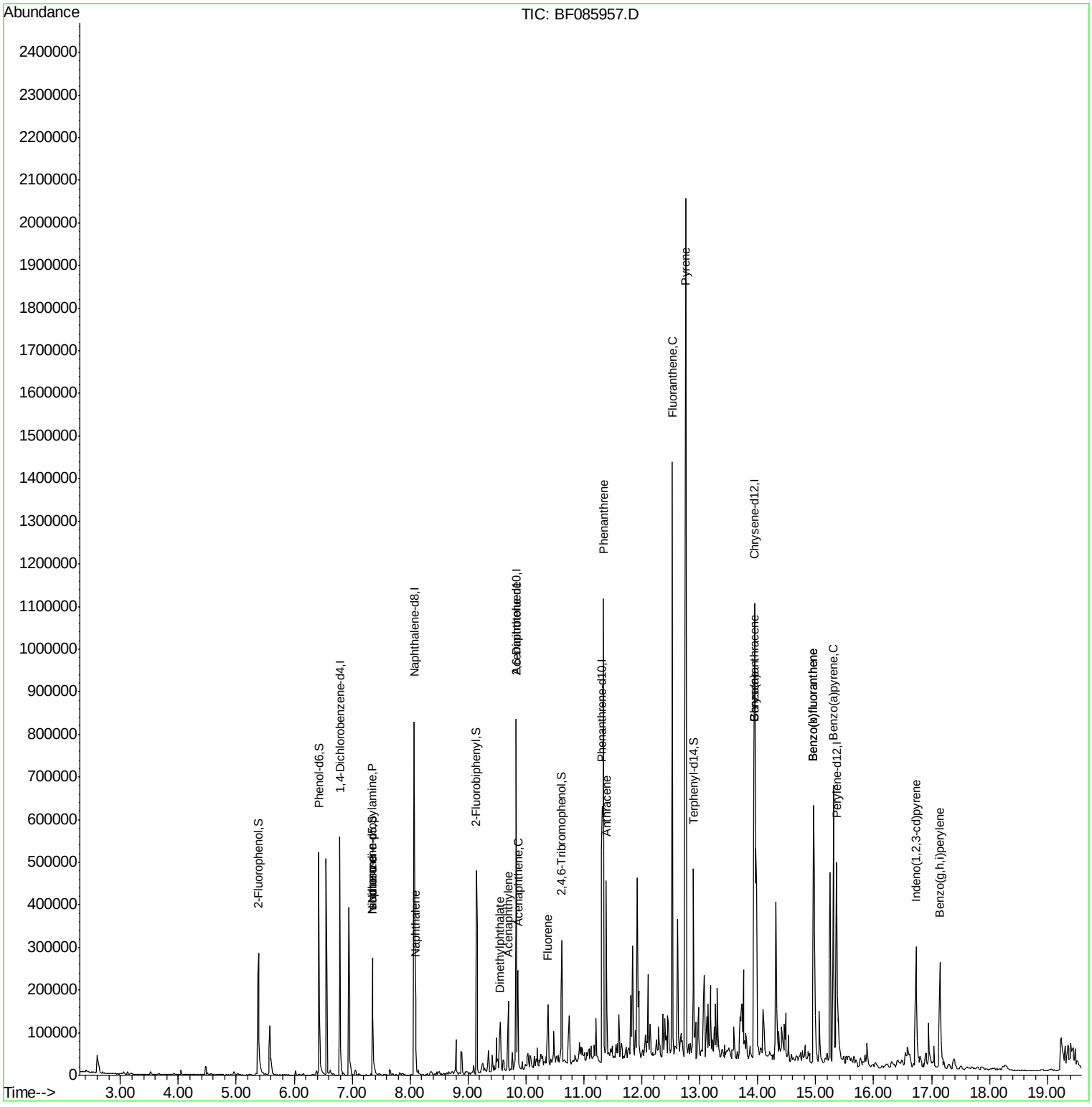
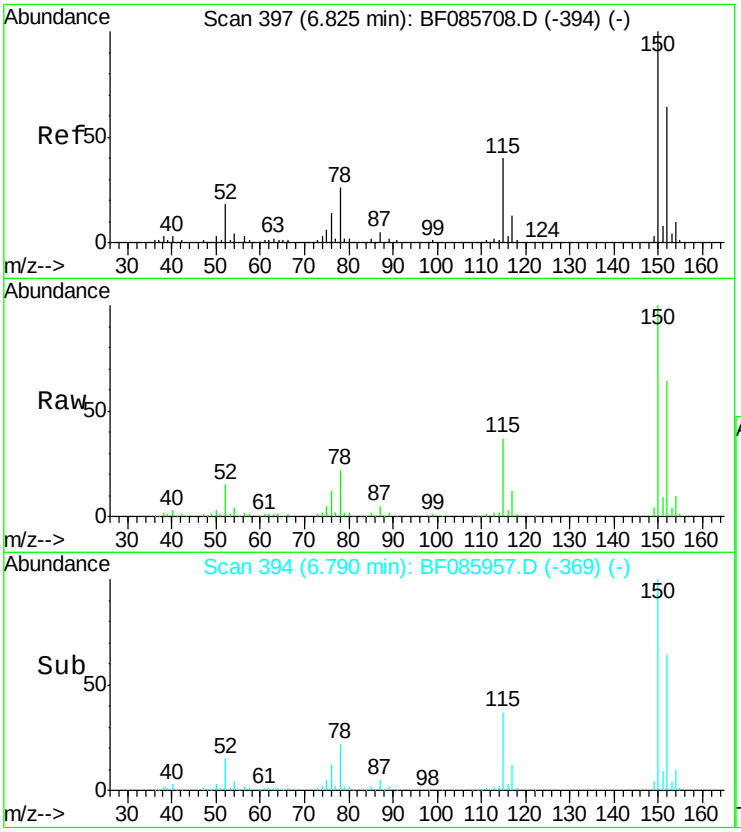


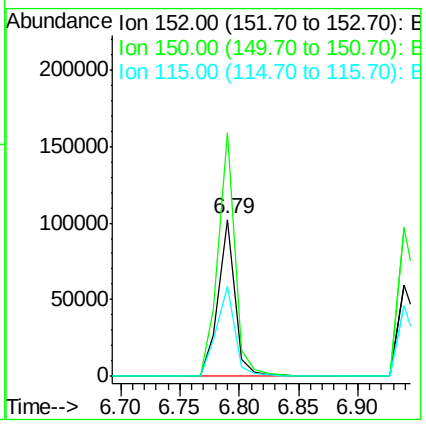


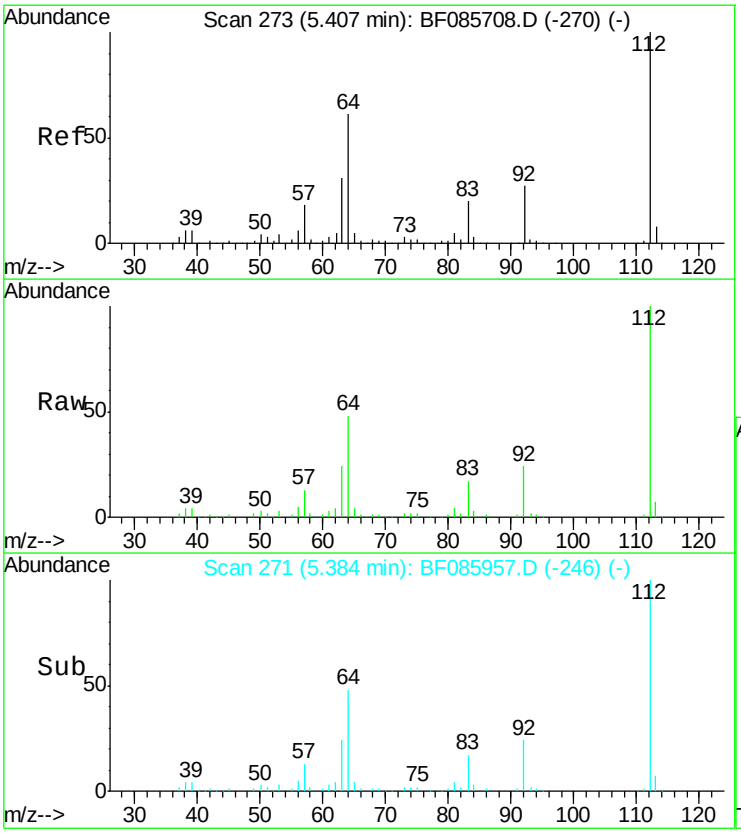
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:152 Resp: 99996

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	57.8	47.0	70.6

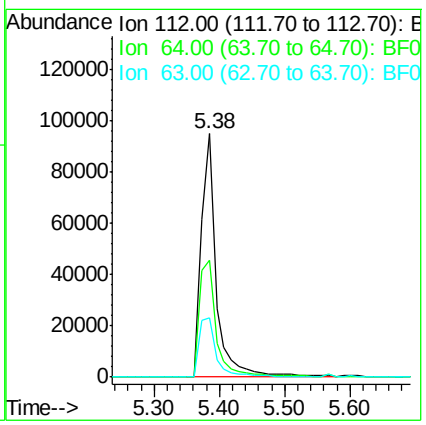


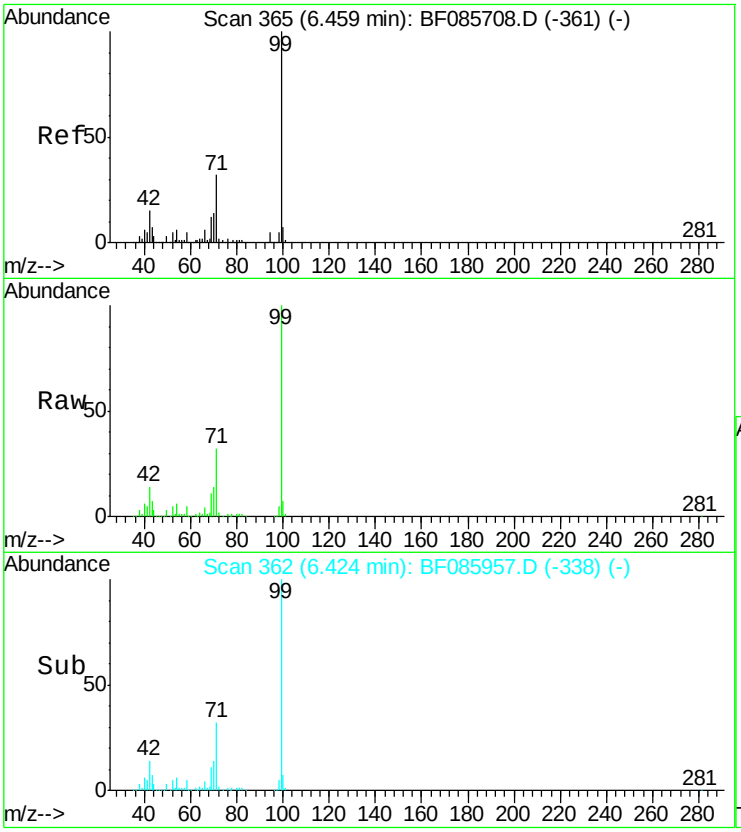


#5
2-Fluorophenol
Concen: 25.19 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:112 Resp: 151272

Ion	Ratio	Lower	Upper
112	100		
64	48.1	39.9	59.9
63	24.3	20.2	30.2



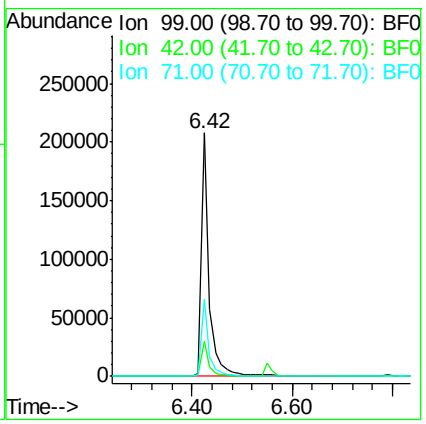


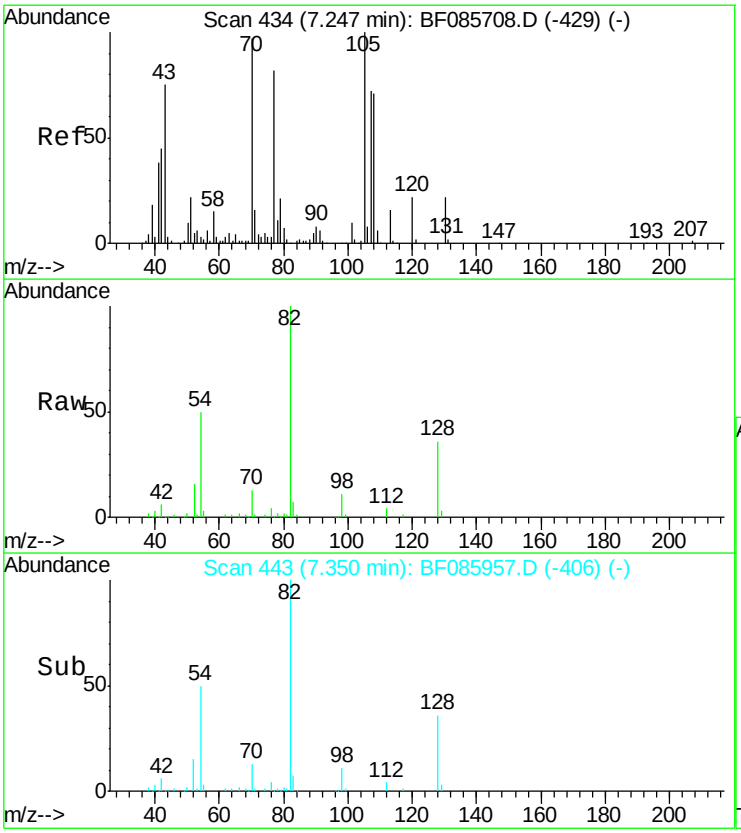
#7
Phenol-d6
Concen: 28.83 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion: 99 Resp: 220087

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	31.6	24.9	37.3

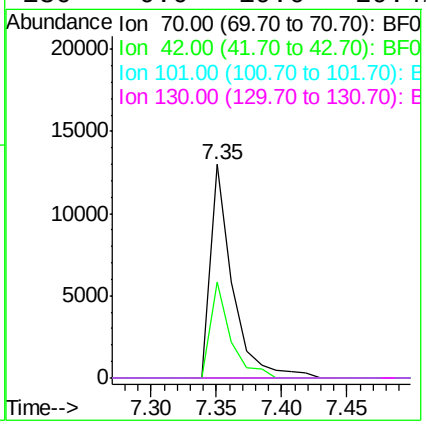


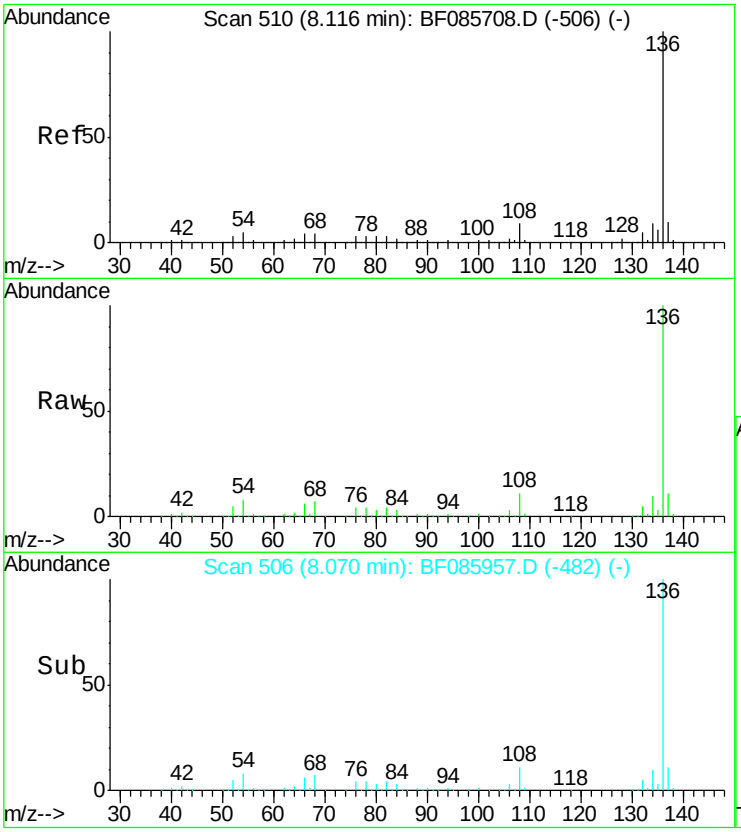


#19
n-Nitroso-di-n-propylamine
Concen: 3.38 ng
RT: 7.35 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion: 70 Resp: 15431

Ion	Ratio	Lower	Upper
70	100		
42	45.1	37.1	55.7
101	0.0	8.6	12.8#
130	0.0	19.6	29.4#



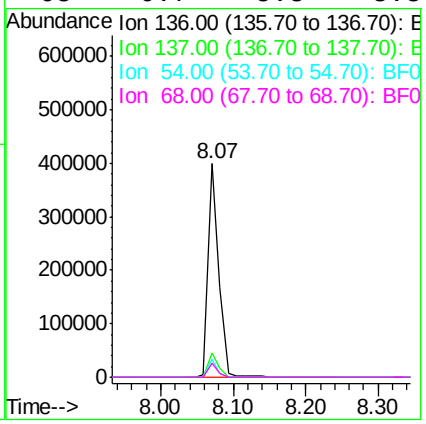


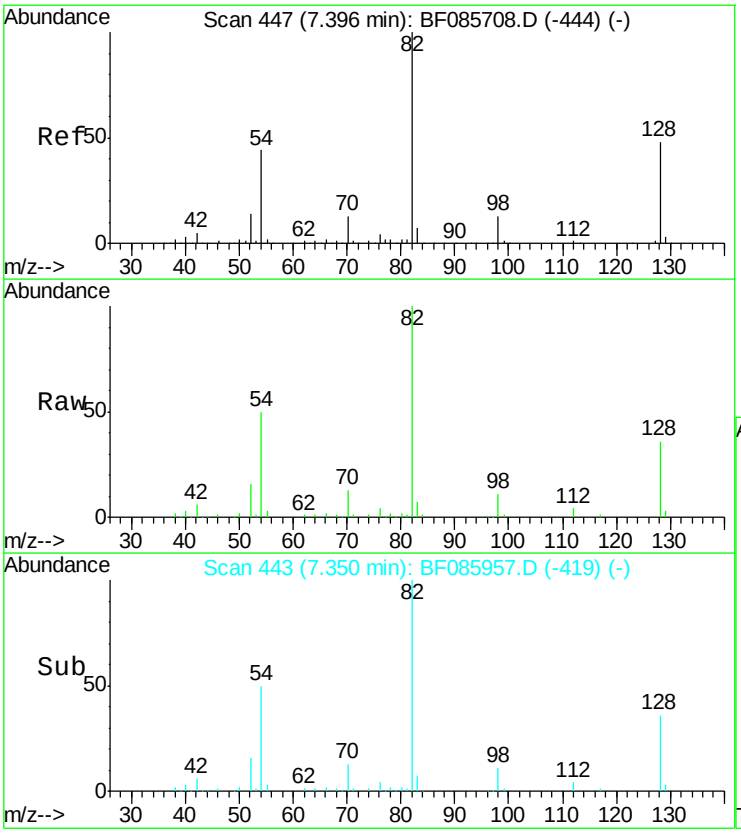
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:136 Resp: 405349

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	7.4	11.0
68	6.7	5.8	8.8

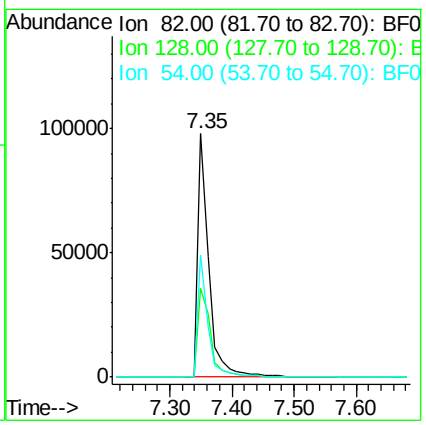


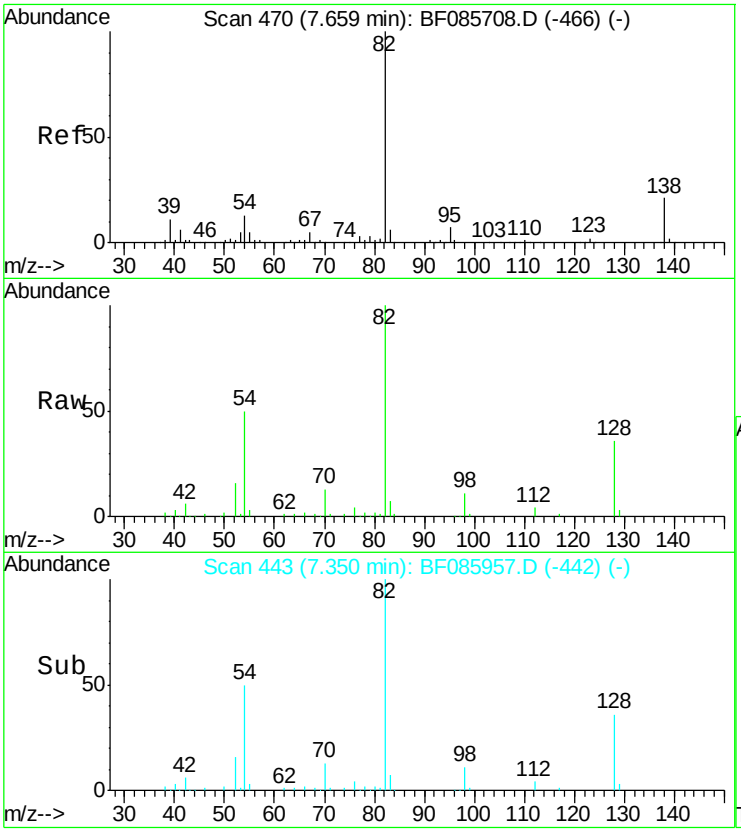


#23
Nitrobenzene-d5
Concen: 16.91 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion: 82 Resp: 121717

Ion	Ratio	Lower	Upper
82	100		
128	36.4	41.8	62.8#
54	50.3	33.4	50.0#



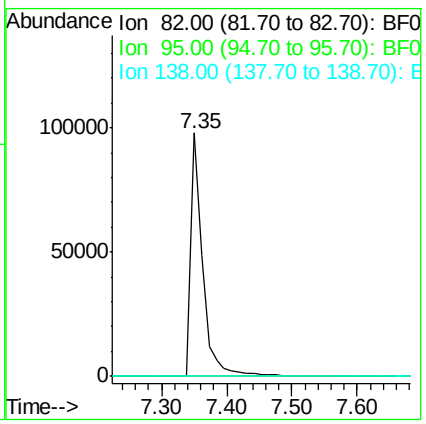


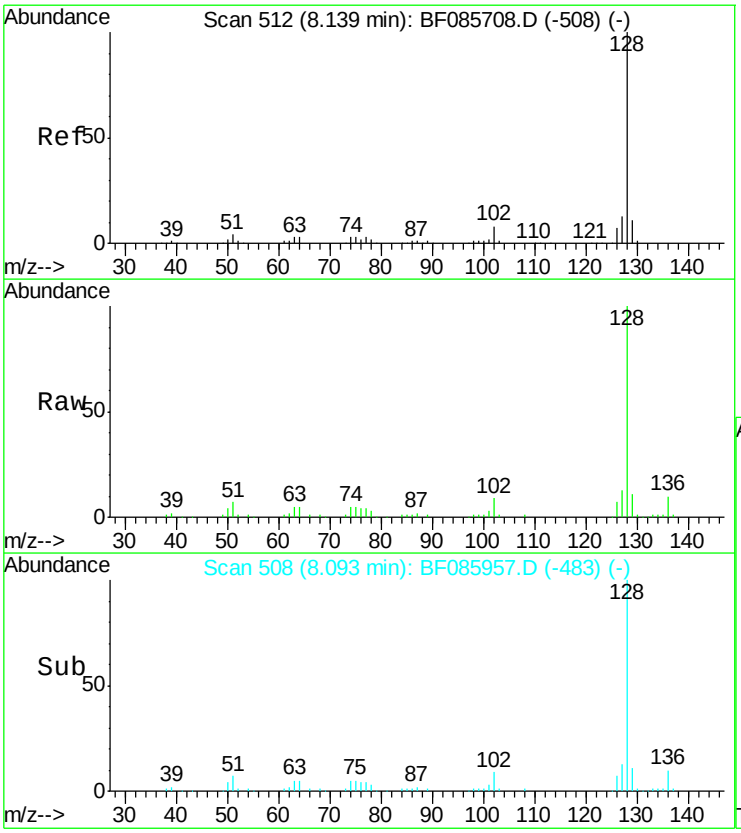
#25
Isophorone
Concen: 8.78 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.29 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion: 82 Resp: 121715

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

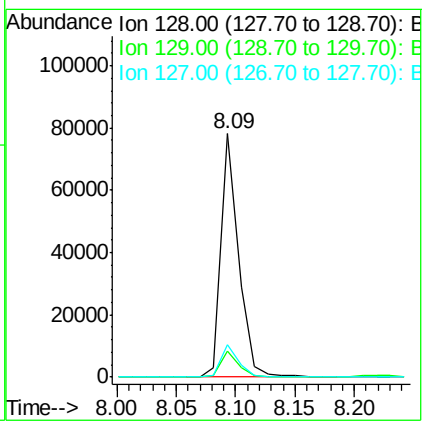


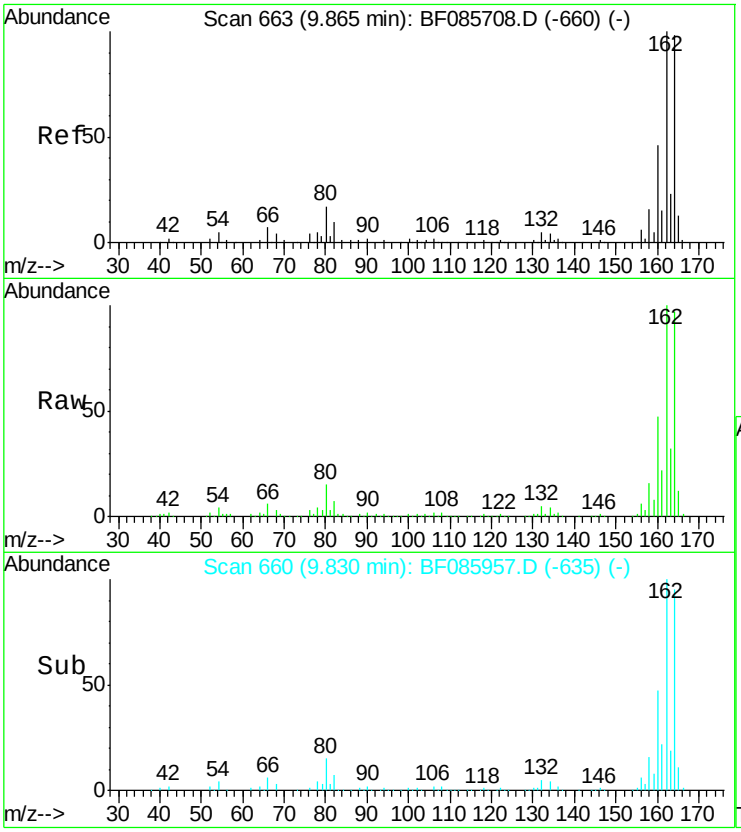


#31
Naphthalene
Concen: 3.90 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:128 Resp: 79634

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.1	11.0	16.6



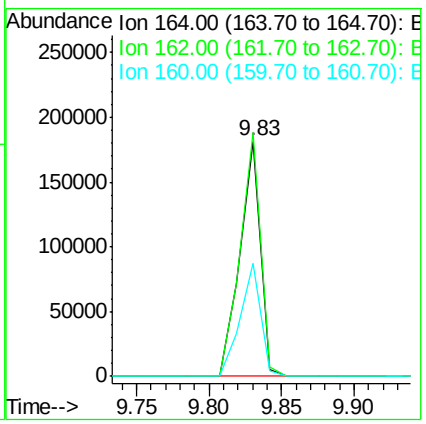


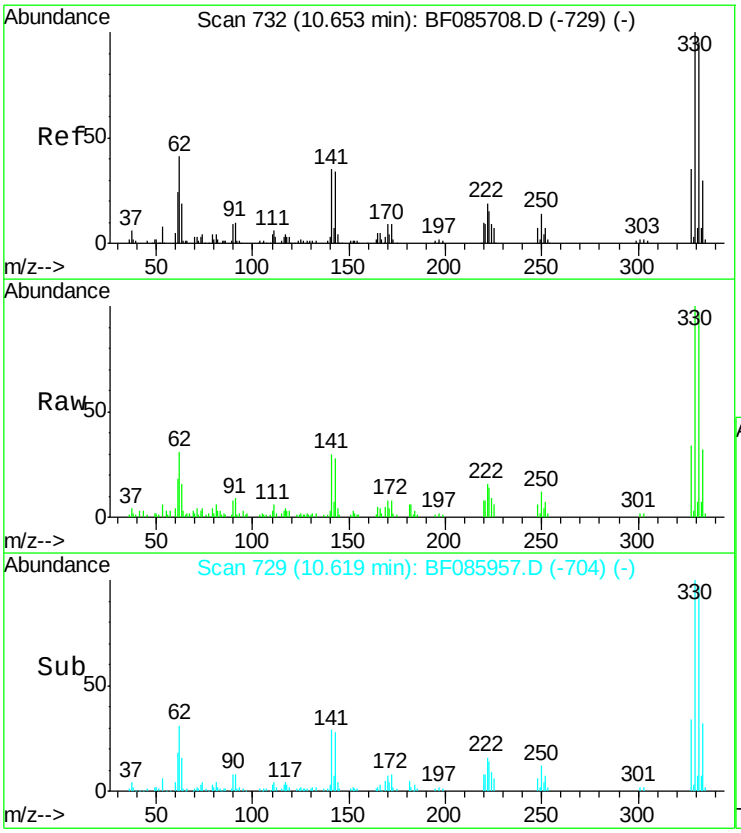
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:164 Resp: 178291

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	48.3	37.4	56.2

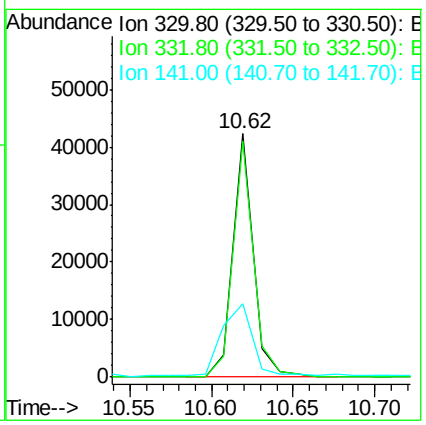


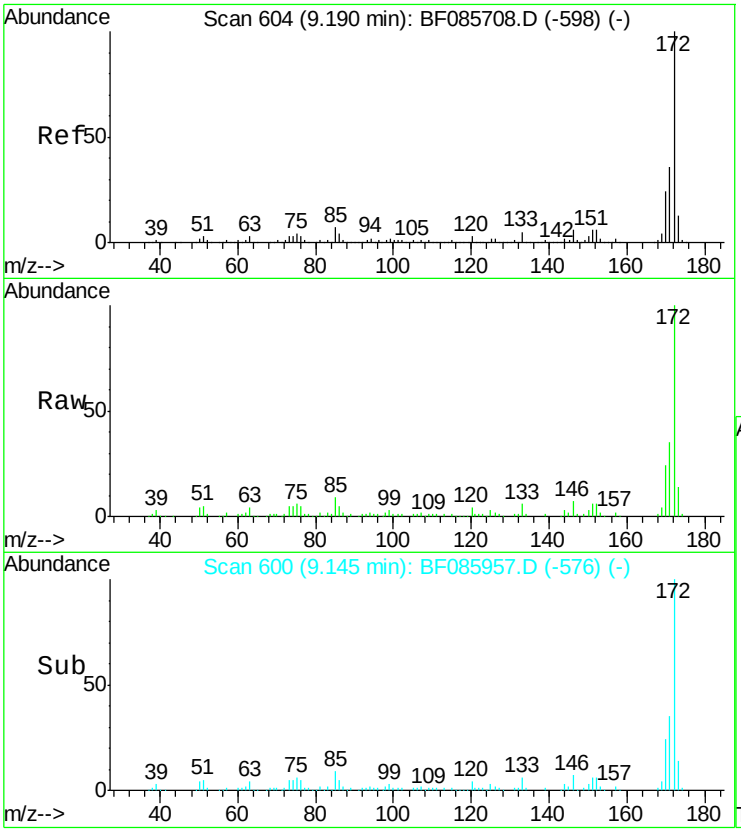


#41
2,4,6-Tribromophenol
Concen: 21.34 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:330 Resp: 36142

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.2
141	51.9	31.5	47.3#



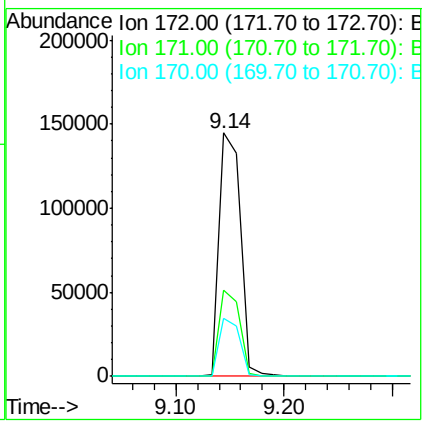


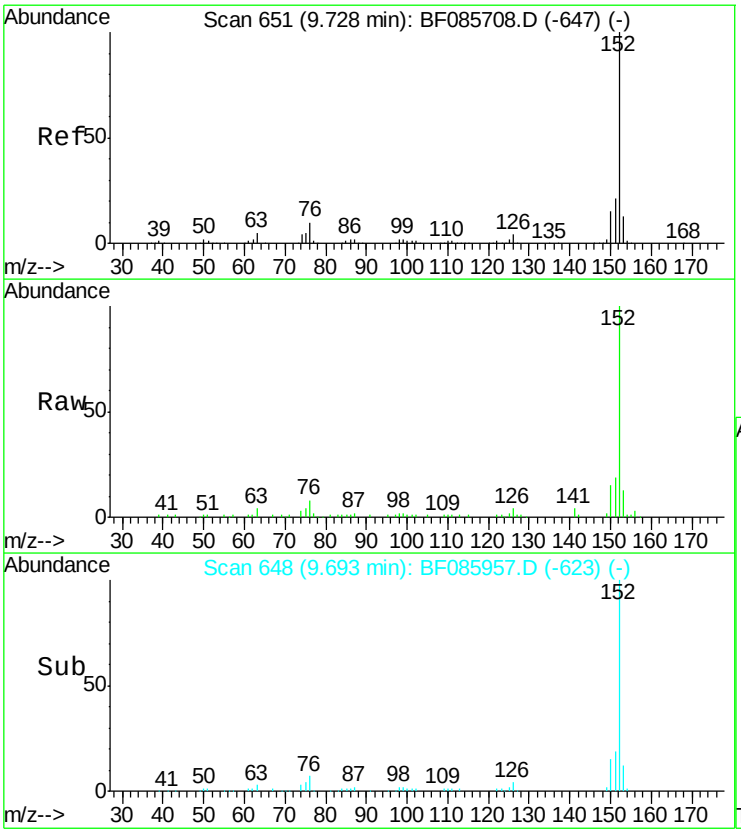
#44
2-Fluorobiphenyl
Concen: 18.48 ng
RT: 9.14 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:172 Resp: 197188

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.2
170	23.8	19.8	29.6

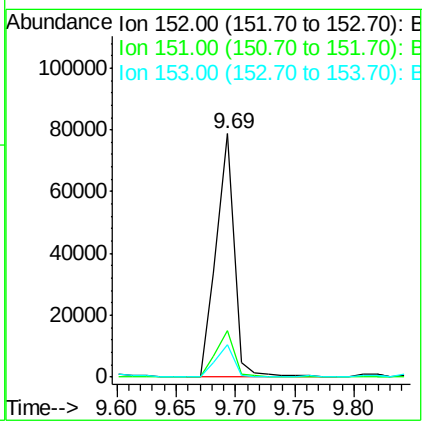


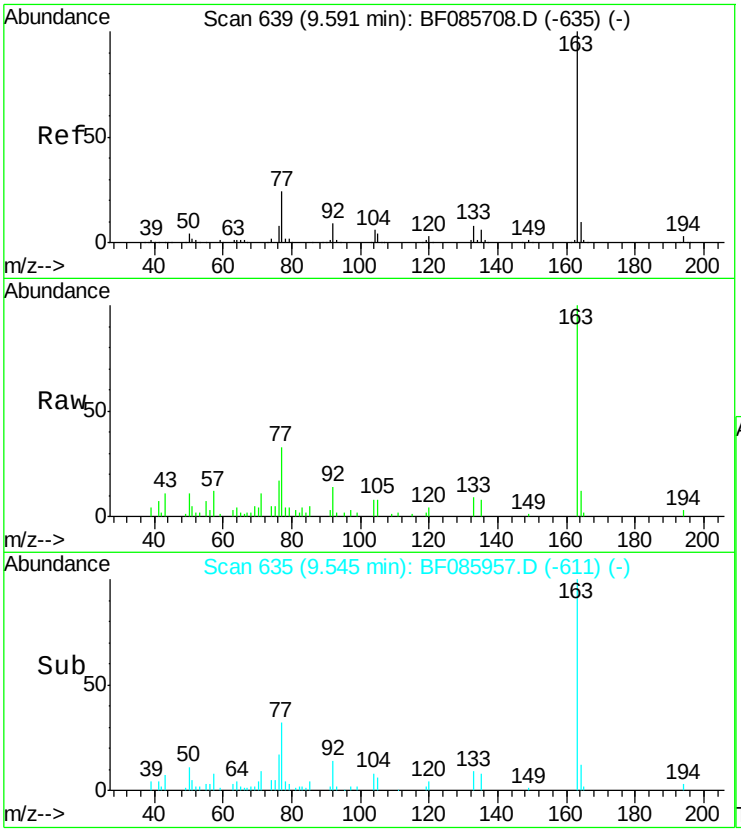


#48
Acenaphthylene
Concen: 4.63 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:152 Resp: 83544

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.8	25.2
153	13.2	10.9	16.3



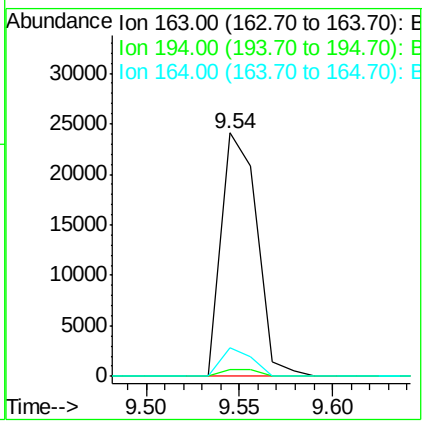


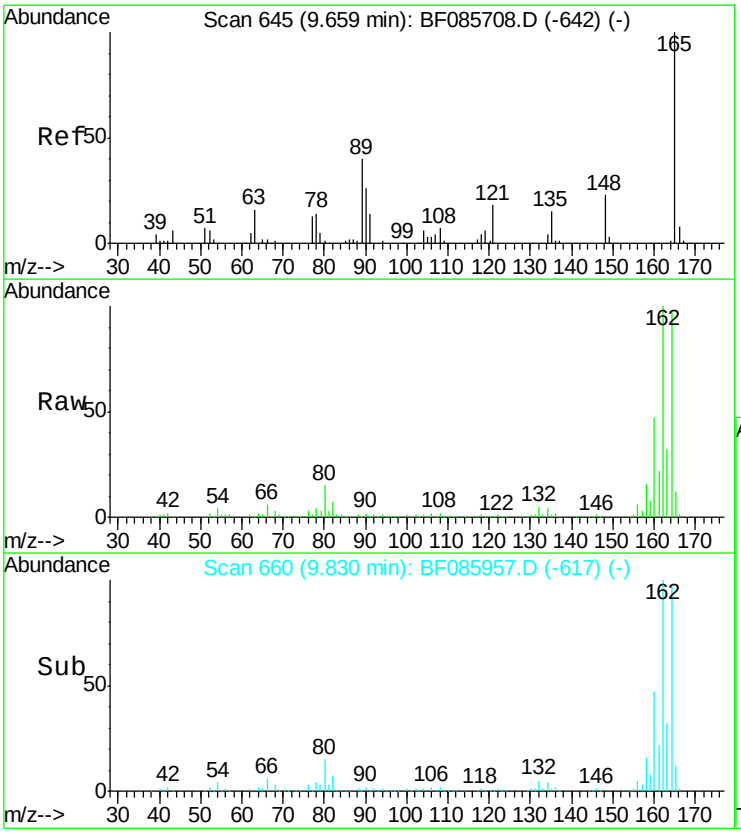
#49
Dimethylphthalate
Concen: 2.39 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:163 Resp: 32270

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3
164	11.6	8.3	12.5

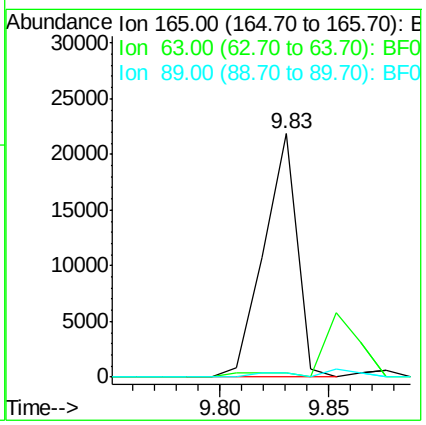


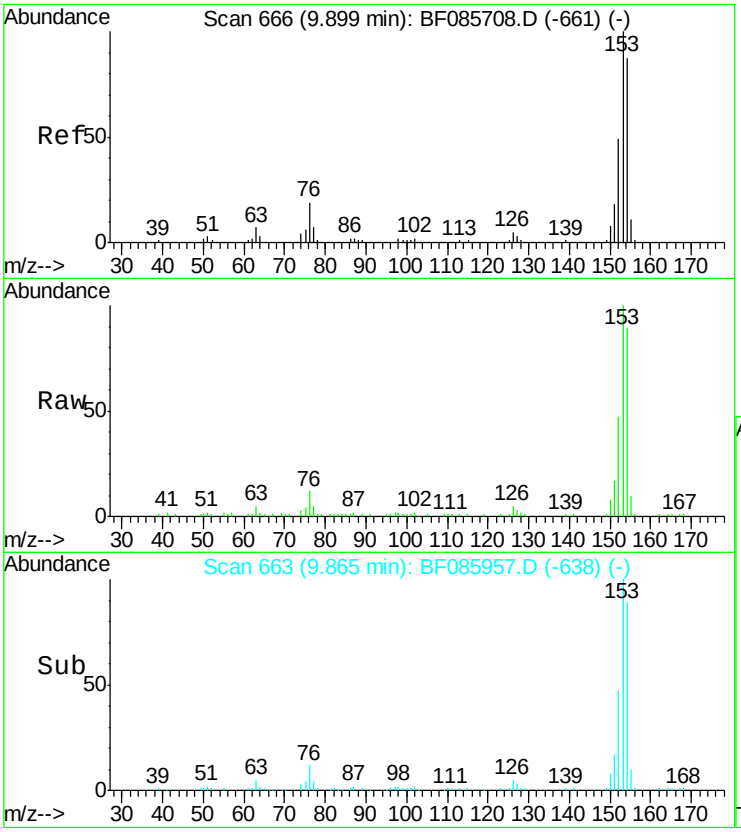


#50
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:165 Resp: 23350

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.8	53.7	80.5#



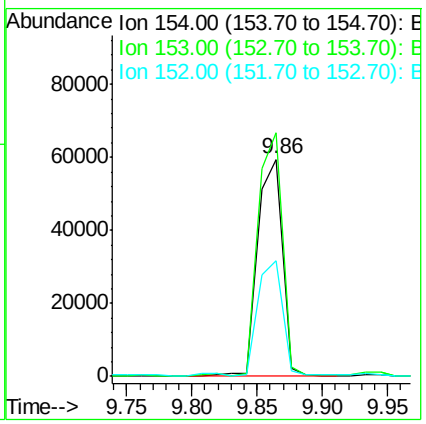


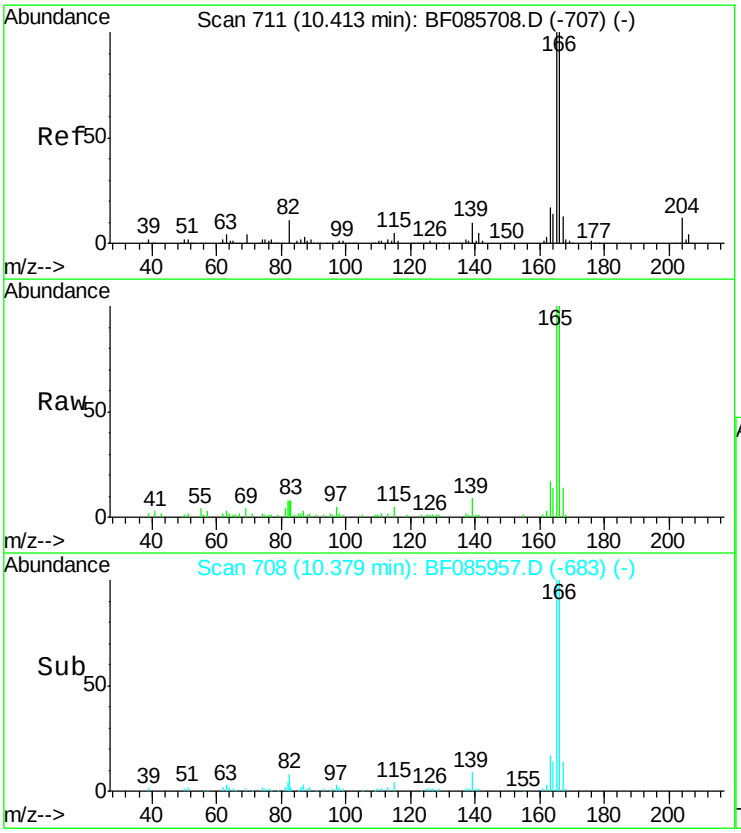
#51
Acenaphthene
Concen: 7.18 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:154 Resp: 79067

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.1	135.1
152	53.2	44.2	66.2

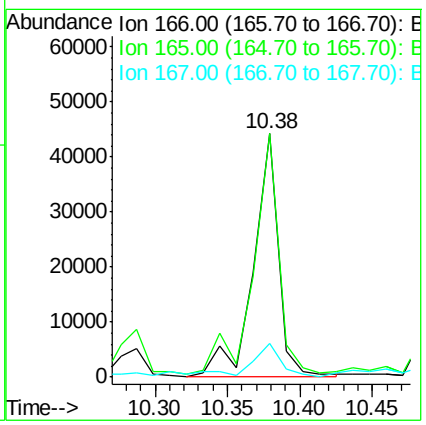


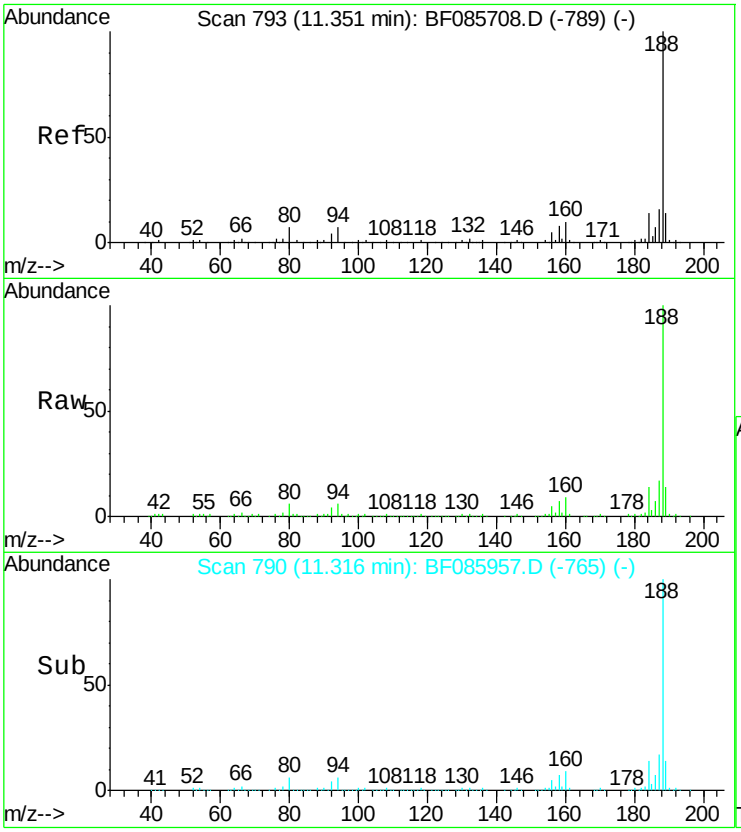


#57
Fluorene
Concen: 4.53 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:166 Resp: 53609

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.4	119.0
167	13.6	11.0	16.4



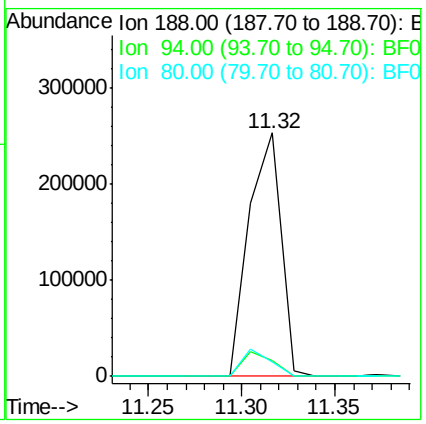


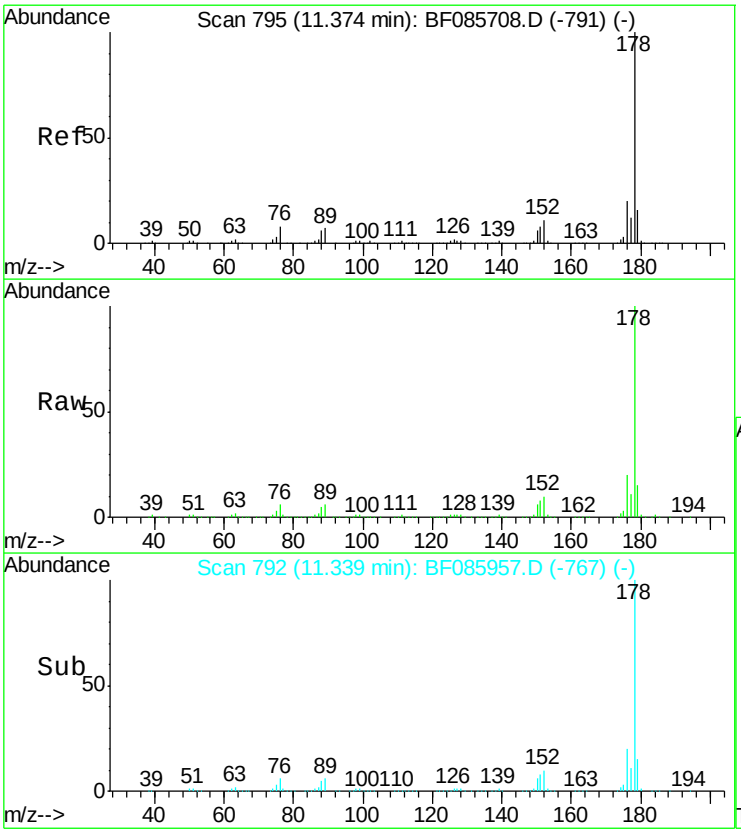
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:188 Resp: 302982

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	6.2	5.5	8.3

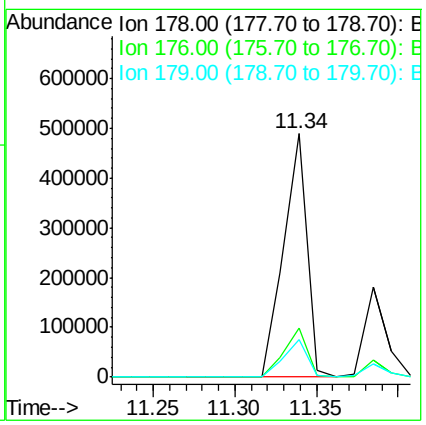


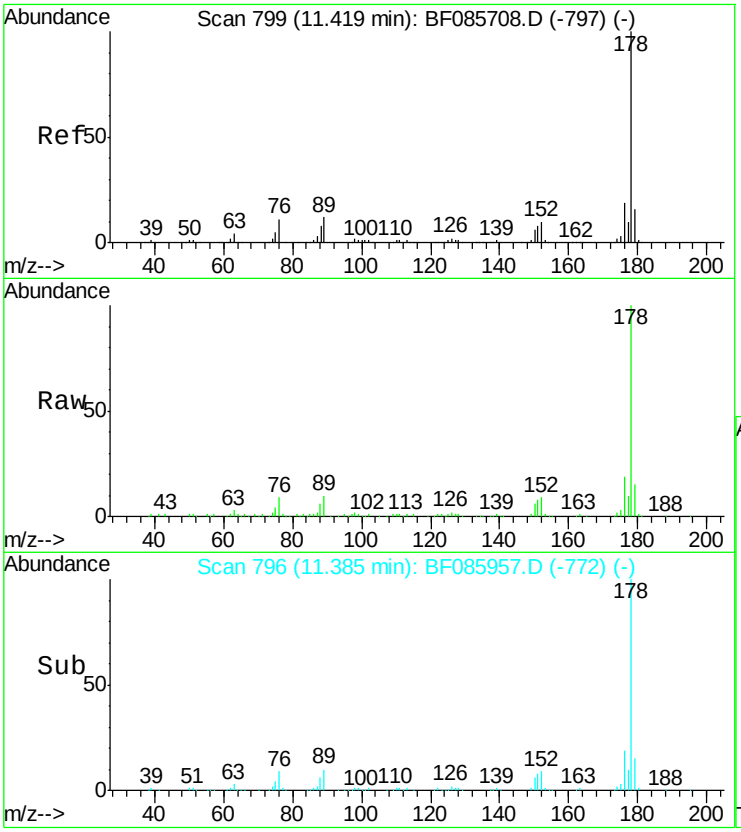


#70
Phenanthrene
Concen: 31.55 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:178 Resp: 490771

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	15.5	12.6	18.8



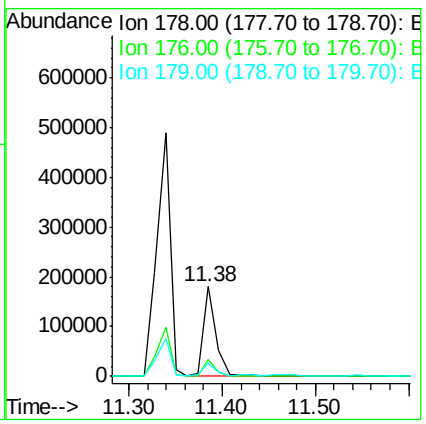


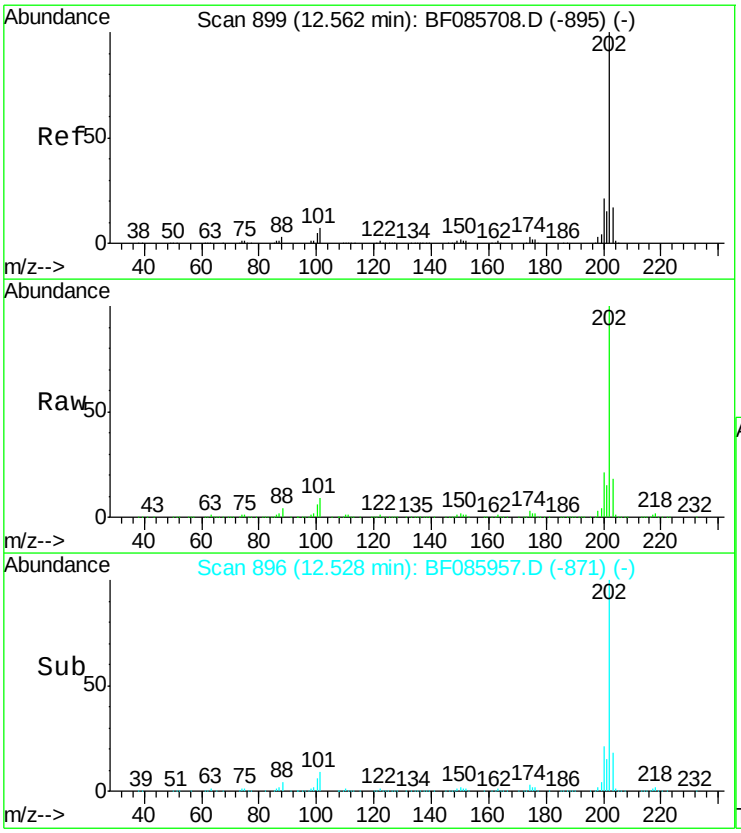
#71
Anthracene
Concen: 10.55 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:178 Resp: 172231

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.3	13.0	19.4

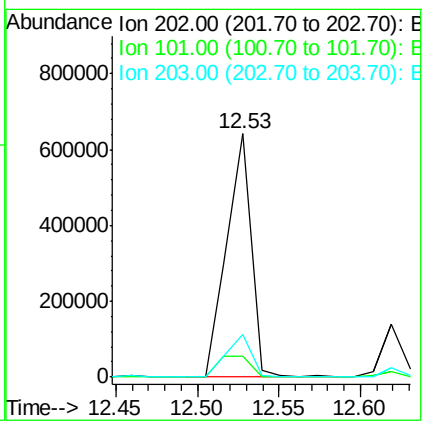


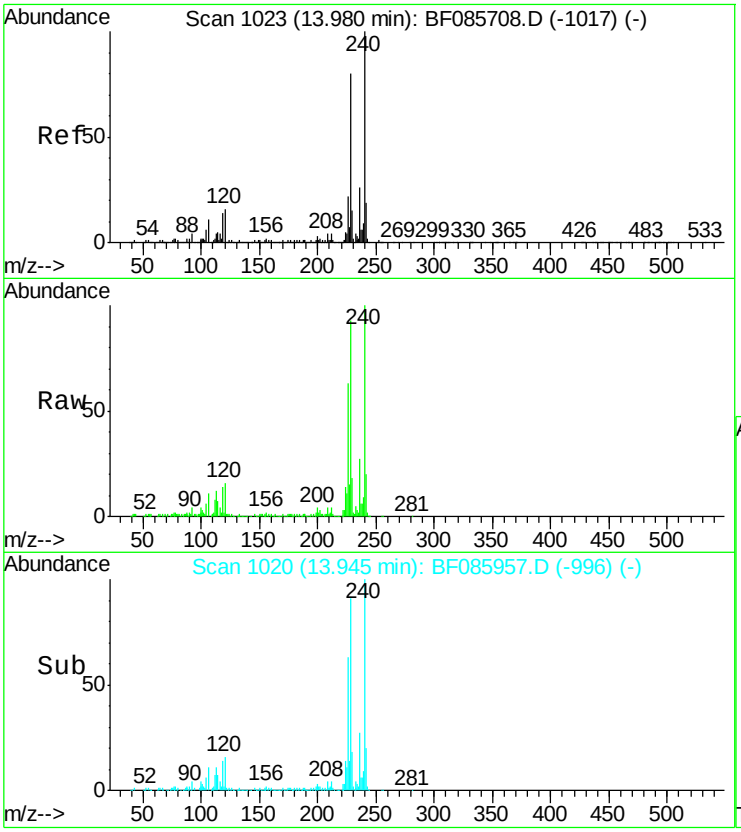


#74
Fluoranthene
Concen: 40.12 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:202 Resp: 663373

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	36.6
203	17.7	0.0	38.1



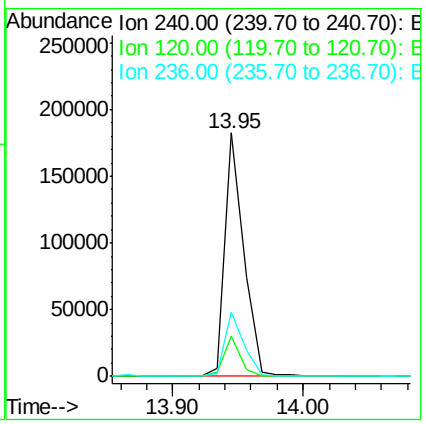


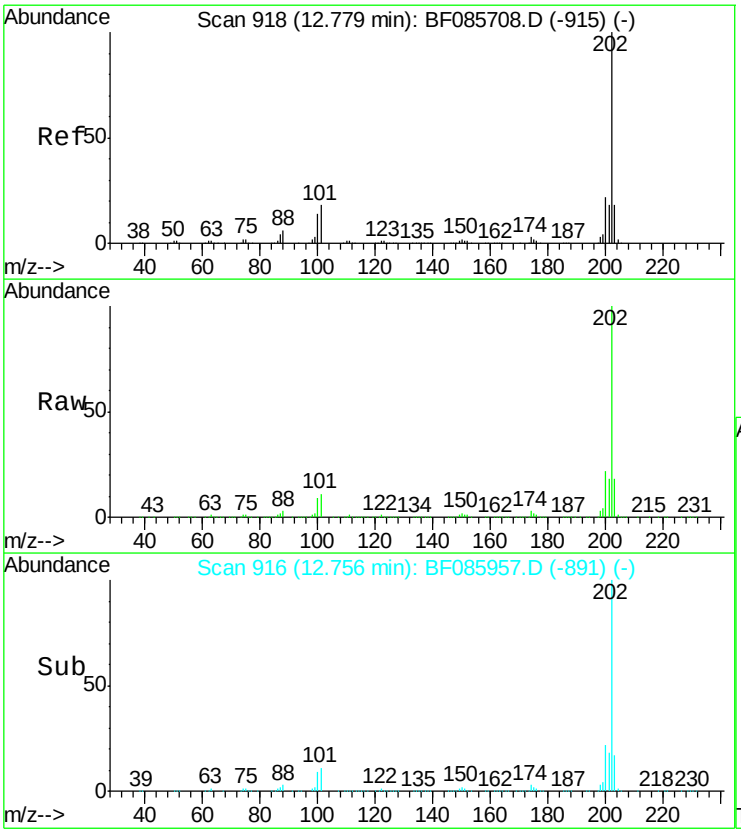
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:240 Resp: 184017

Ion	Ratio	Lower	Upper
240	100		
120	16.3	13.8	20.8
236	26.5	20.6	30.8

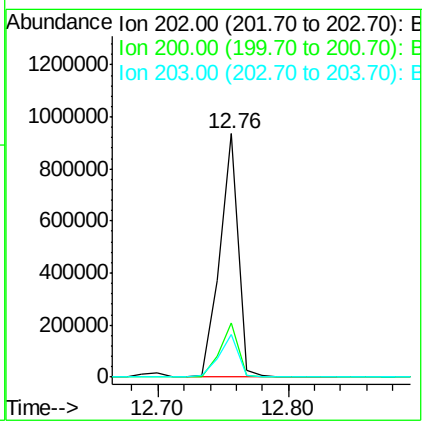


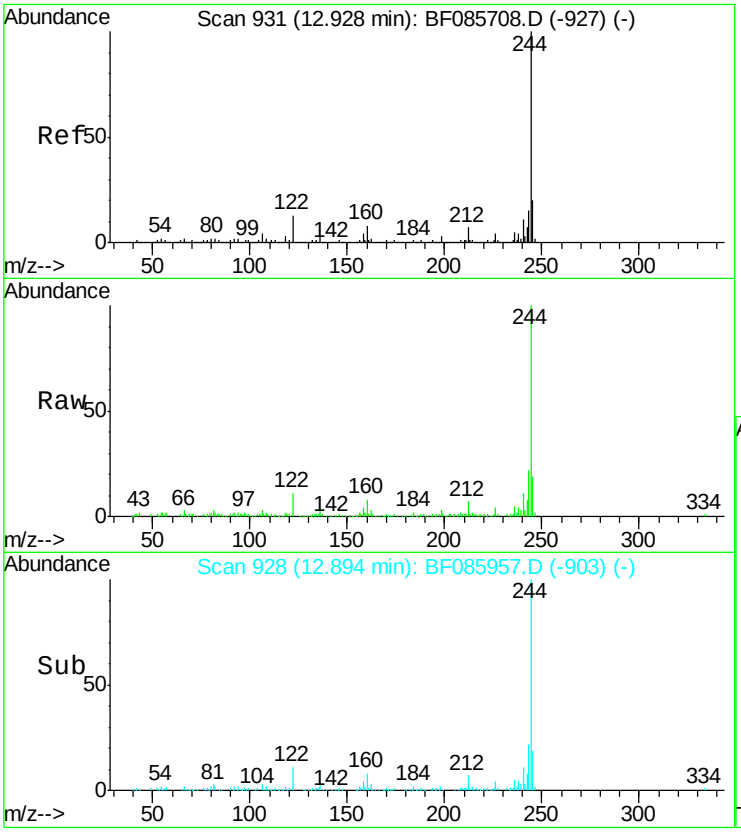


#77
Pyrene
Concen: 60.90 ng
RT: 12.76 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:202 Resp: 921191

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.6	14.0	21.0



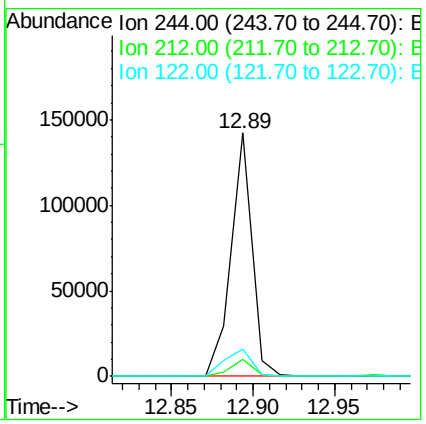


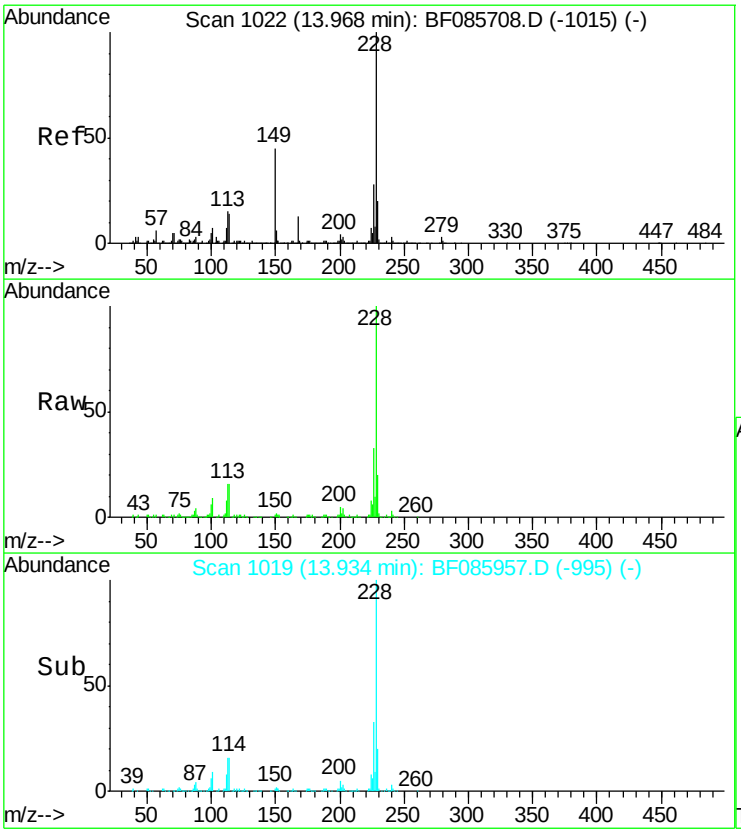
#78
Terphenyl-d14
Concen: 13.96 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:244 Resp: 124887

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.2	10.2	15.4

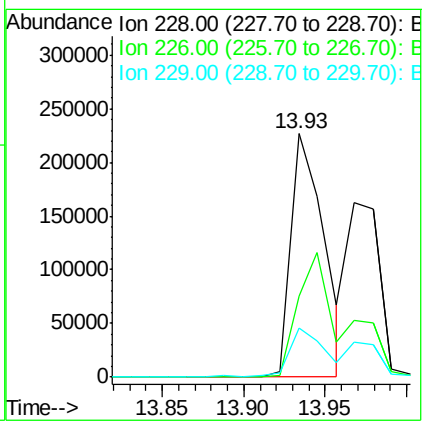


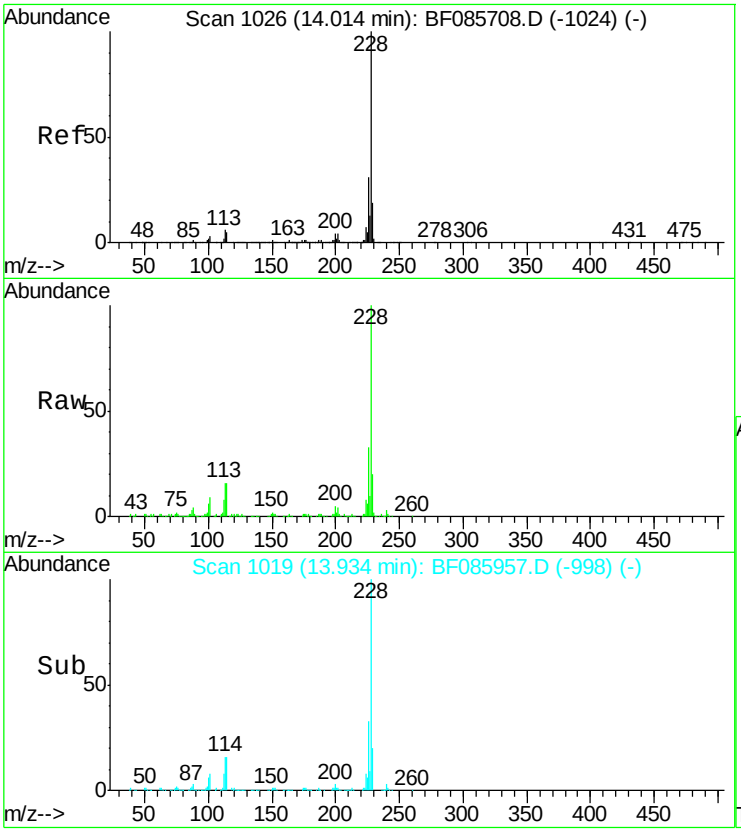


#80
Benzo(a)anthracene
Concen: 30.59 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:228 Resp: 320948

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.1	33.1#
229	20.1	16.2	24.4



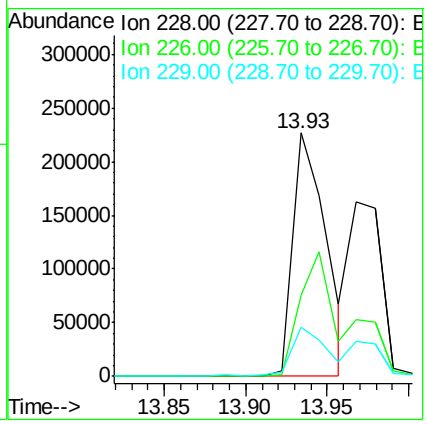


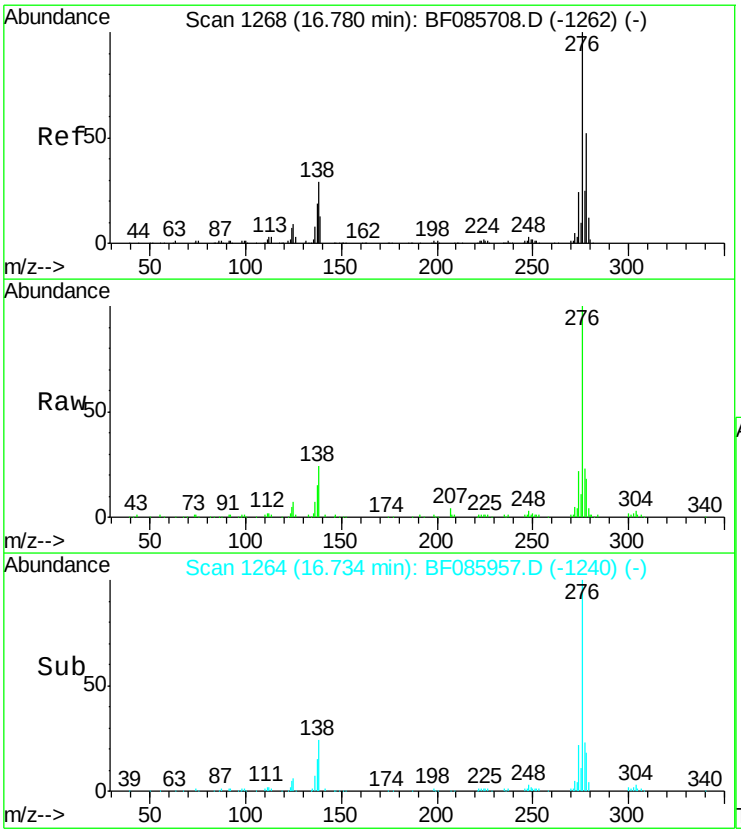
#82
Chrysene
Concen: 30.37 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.06 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:228 Resp: 320948

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	20.1	15.7	23.5

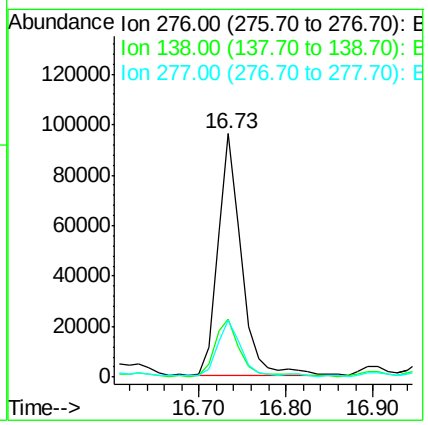


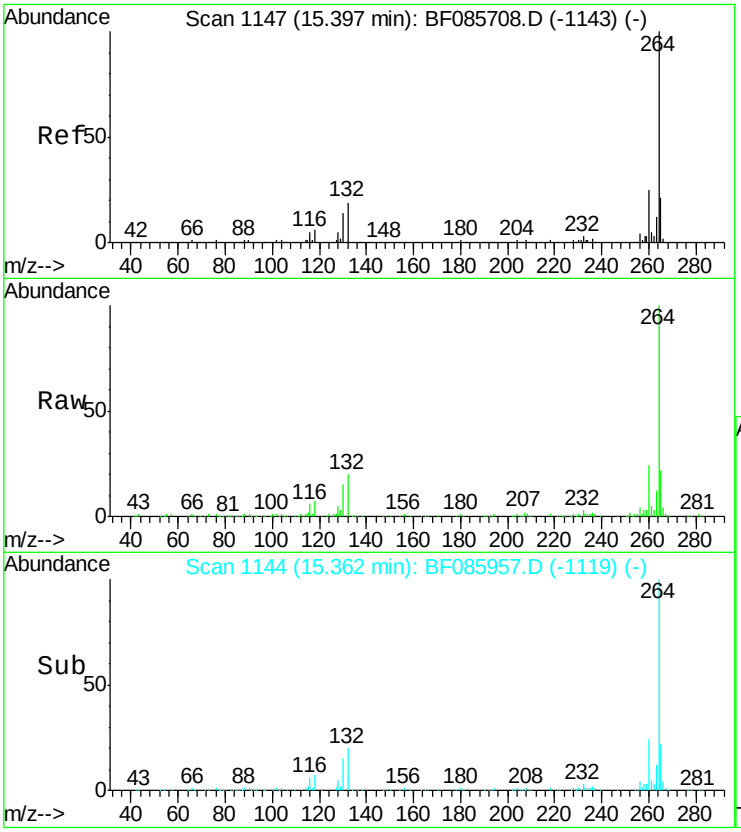


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.74 ng
RT: 16.73 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:276 Resp: 177463

Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.2	36.4
277	23.5	20.0	30.0



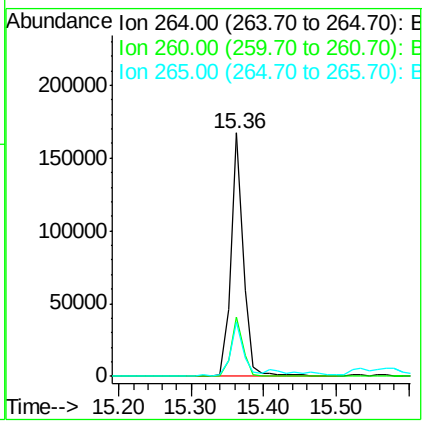


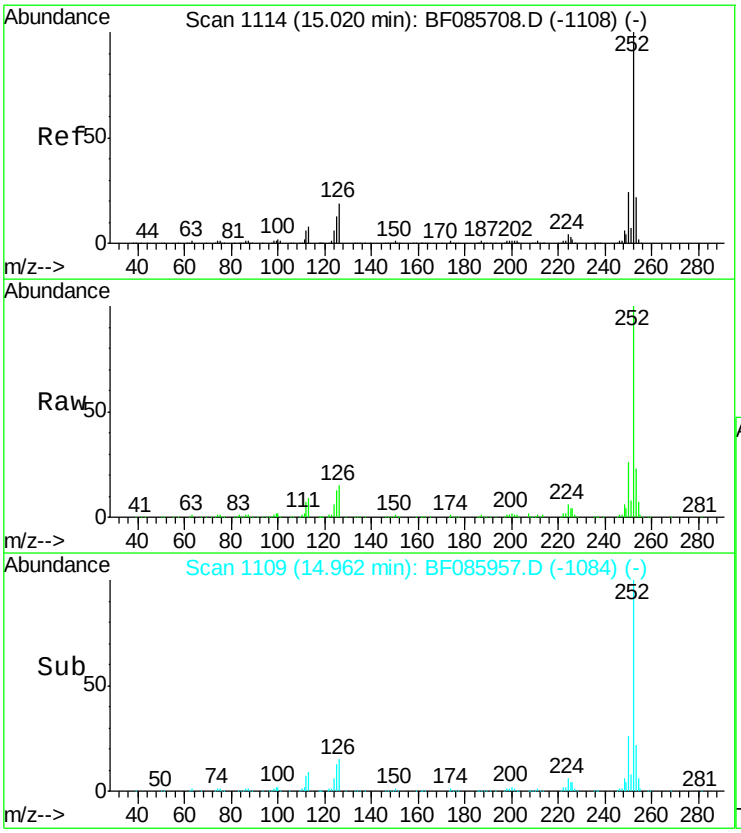
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:264 Resp: 199431

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.2	17.2	25.8

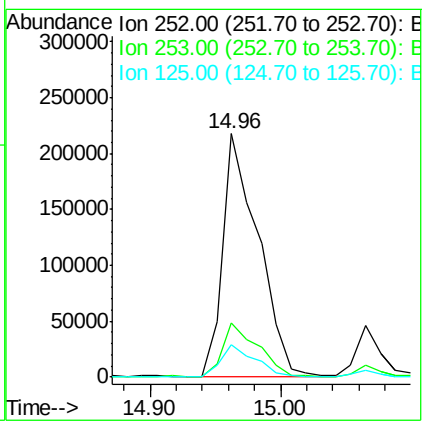


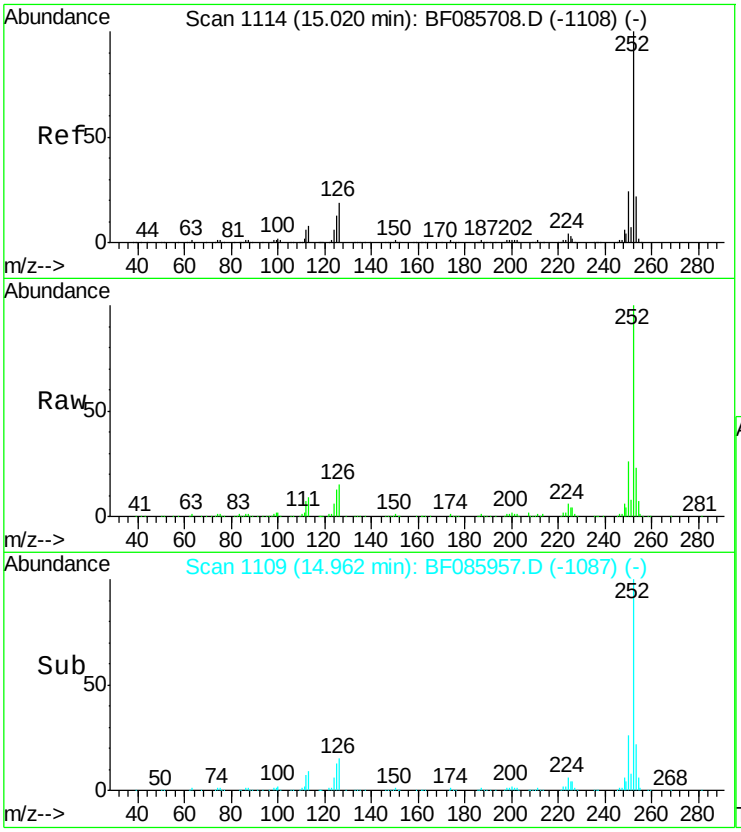


#87
Benzo(b)fluoranthene
Concen: 32.72 ng
RT: 14.96 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:252 Resp: 411054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.1	10.3	15.5



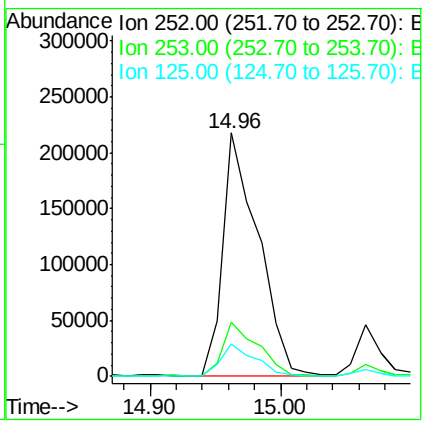


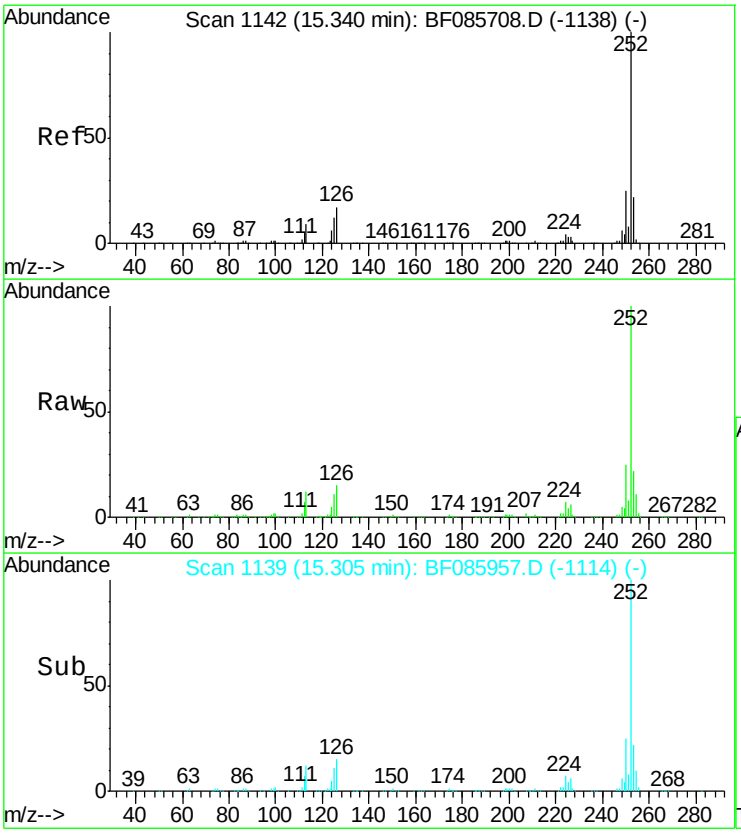
#88
Benzo(k)fluoranthene
Concen: 36.29 ng
RT: 14.96 min Scan# 1109
Delta R.T. -0.05 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:252 Resp: 411054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.1	7.7	11.5#

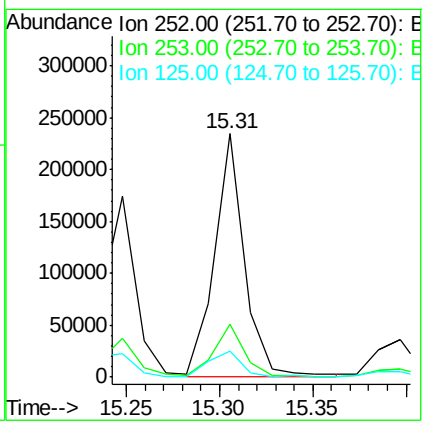


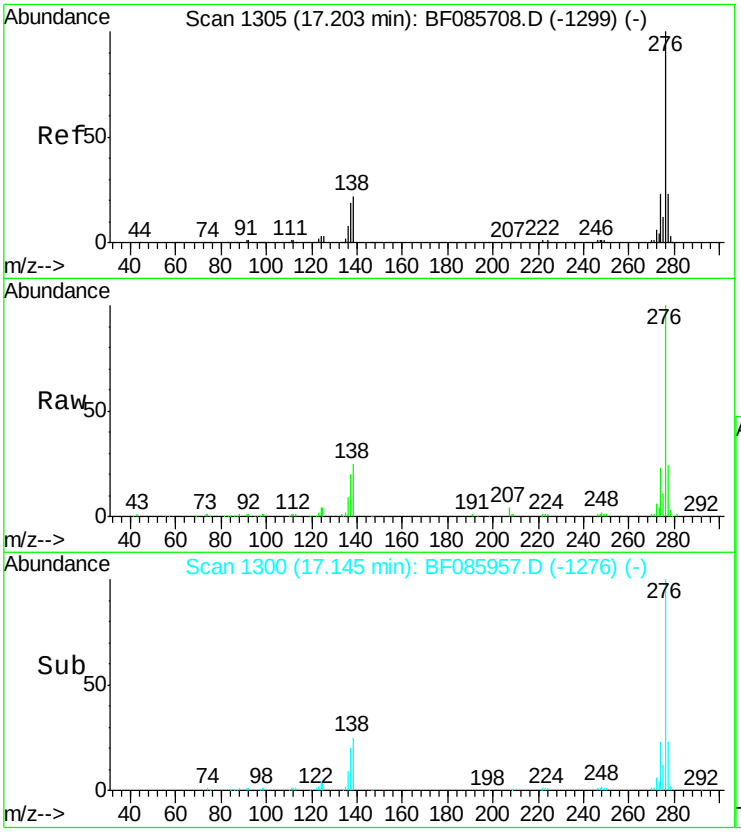


#89
Benzo(a)pyrene
Concen: 23.40 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Tgt Ion:252 Resp: 261015

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.8	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 18.08 ng
RT: 17.15 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF085957.D
Acq: 1 Apr 2016 5:29

Instrument :
BNA_F
ClientSampleId :
CLARK-PHASE3-WELL-STOCKPILE

Tgt Ion:276 Resp: 189798

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	24.9	22.6	34.0