Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081925.D
Acq On : 1 Oct 2015 2:55
Operator : UM/IZ
Sample : G3828-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OGS-SSCF-PH-FL-3-4-4.5

Quant Time: Oct 01 03:58:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	124244	20.00	ng		-0.03
21) Naphthalene-d8	8.19	136	492173	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	211017	20.00	ng		-0.03
63) Phenanthrene-d10	11.44	188	359473	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	317617	20.00	ng		-0.03
86) Perylene-d12	15.53	264	306807	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	828917	121.11	ng		-0.01
7) Phenol-d6	6.54	99	1053667	122.35	ng		-0.02
23) Nitrobenzene-d5	7.47	82	691682	93.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	286455	134.04	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1180129	95.97	ng		-0.03
78) Terphenyl-d14	13.03	244	1009102	112.39	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	89732	17.14	ng	#	58
25) Isophorone	7.47	82	546196	37.32	ng	#	58
49) Dimethylphthalate	9.67	163	431305	29.61	ng	#	97
51) Acenaphthene	9.98	154	26143	2.15	ng		90
56) 2,4-Dinitrotoluene	9.94	165	27136	6.73	ng	#	33
57) Fluorene	10.49	166	15294	Below Cal			89
66) 4-Bromophenyl-phenylether	10.74	248	18568	5.12	ng	#	1
70) Phenanthrene	11.46	178	214515	11.15	ng		98
71) Anthracene	11.51	178	69541	3.81	ng		98
73) Di-n-butylphthalate	11.99	149	7232	Below Cal		#	92
74) Fluoranthene	12.65	202	341773	17.75	ng		87
77) Pyrene	12.88	202	297140	15.66	ng		97
80) Benzo(a)anthracene	14.07	228	181133	10.59	ng		95
82) Chrysene	14.07	228	181133	9.26	ng		96
85) Indeno(1,2,3-cd)pyrene	16.97	276	74708	5.58	ng	#	83
87) Benzo(b)fluoranthene	15.11	252	285971	16.33	ng	#	88
88) Benzo(k)fluoranthene	15.11	252	285971	17.81	ng	#	88
89) Benzo(a)pyrene	15.48	252	146775	9.66	ng	#	83
91) Benzo(g,h,i)perylene	17.41	276	64188	4.91	ng	#	76

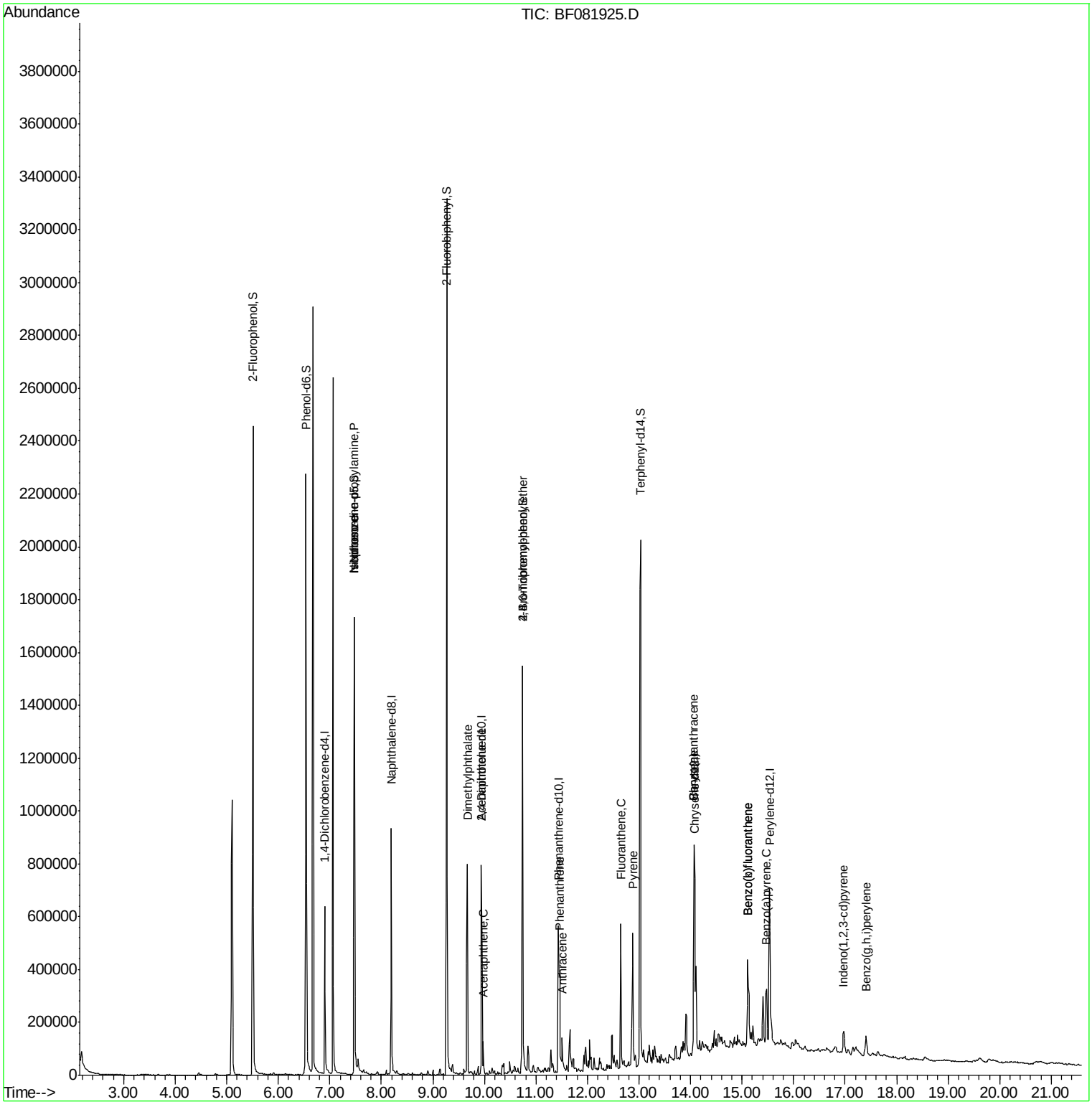
(#) = qualifier out of range (m) = manual integration (+) = signals summed

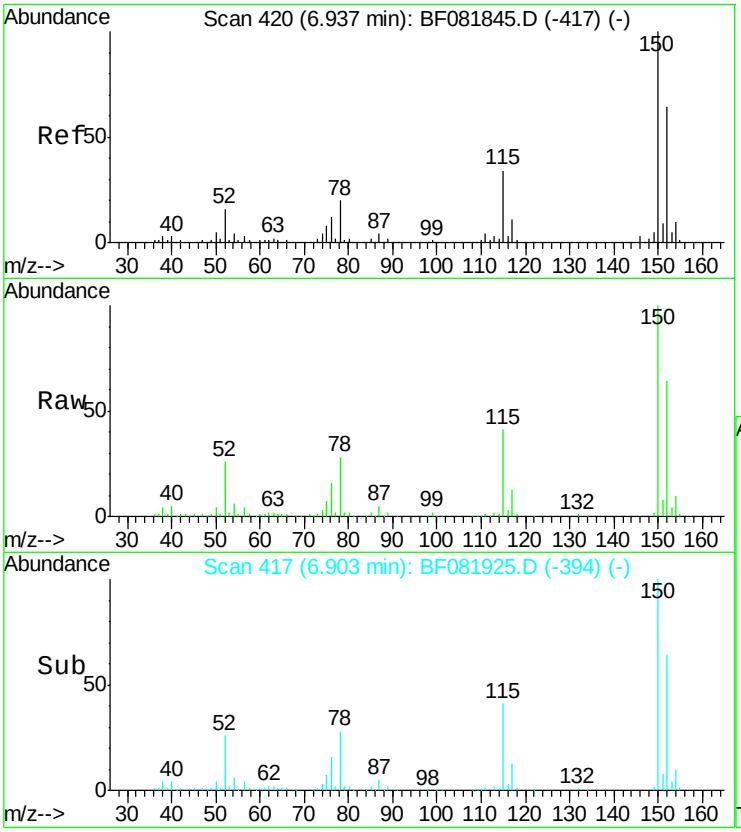
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081925.D
Acq On : 1 Oct 2015 2:55
Operator : UM/IZ
Sample : G3828-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Quant Time: Oct 01 03:58:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration



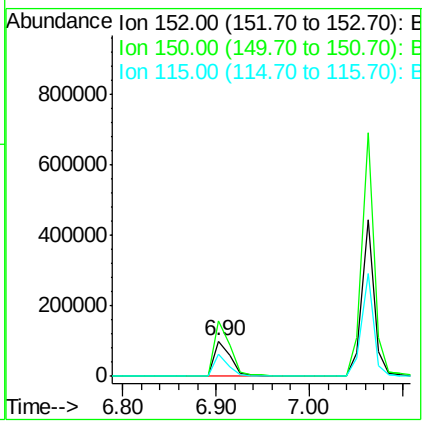


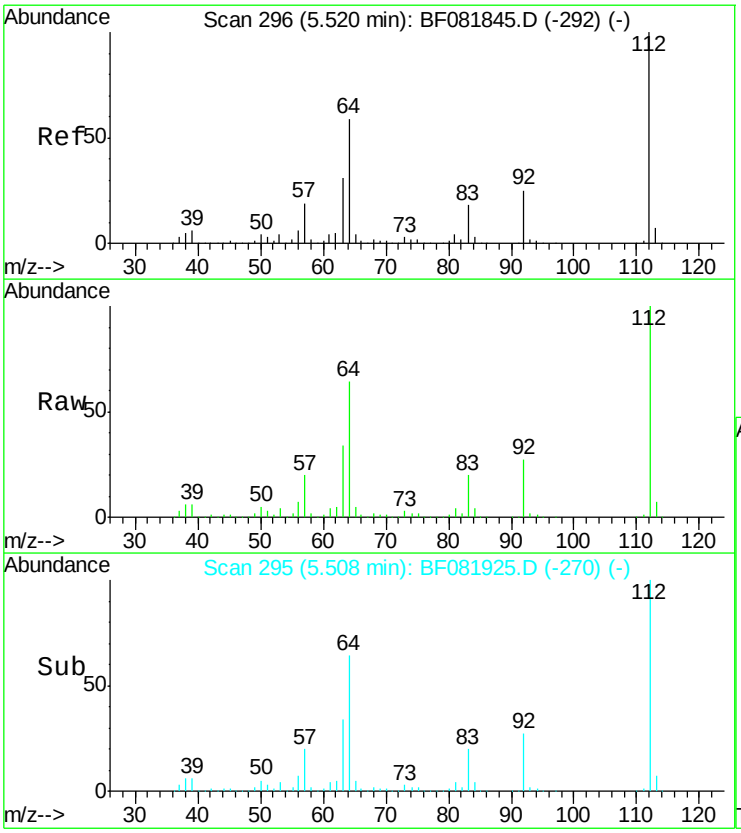
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:152 Resp: 124244

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	63.9	39.0	58.4#

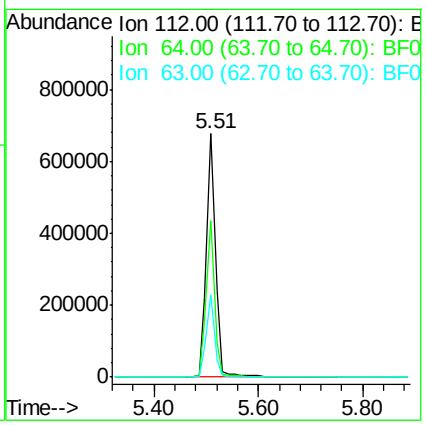


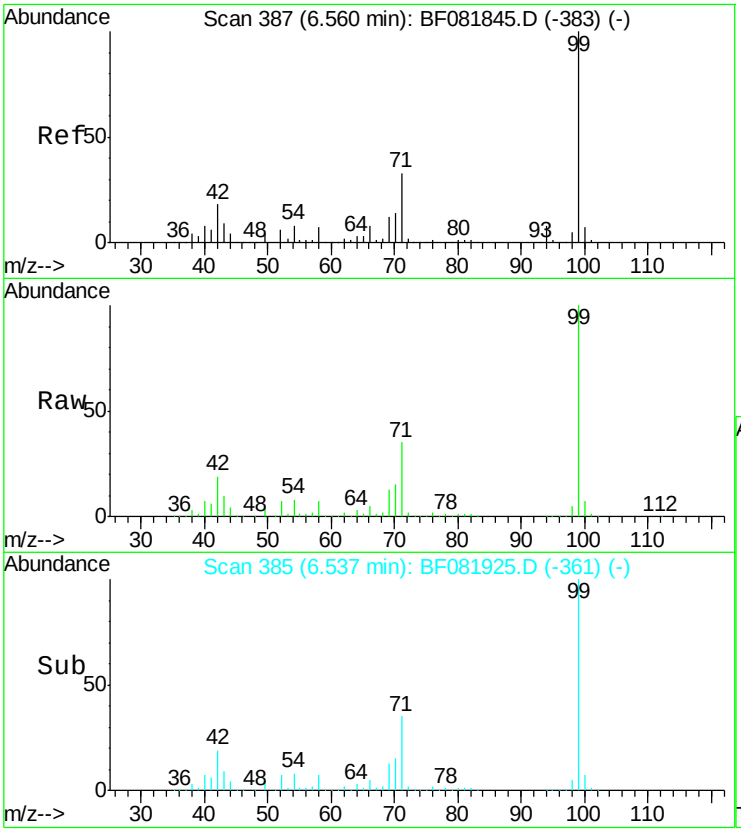


#5
2-Fluorophenol
Concen: 121.11 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:112 Resp: 828917

Ion	Ratio	Lower	Upper
112	100		
64	64.2	39.7	59.5#
63	33.6	17.4	26.0#



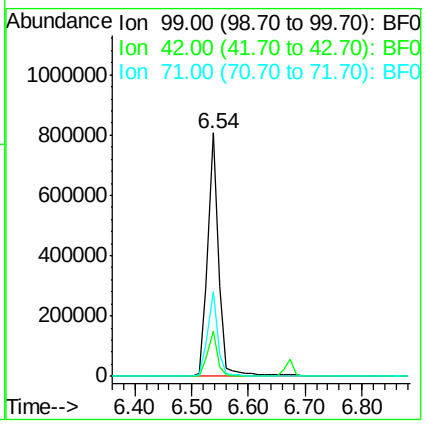


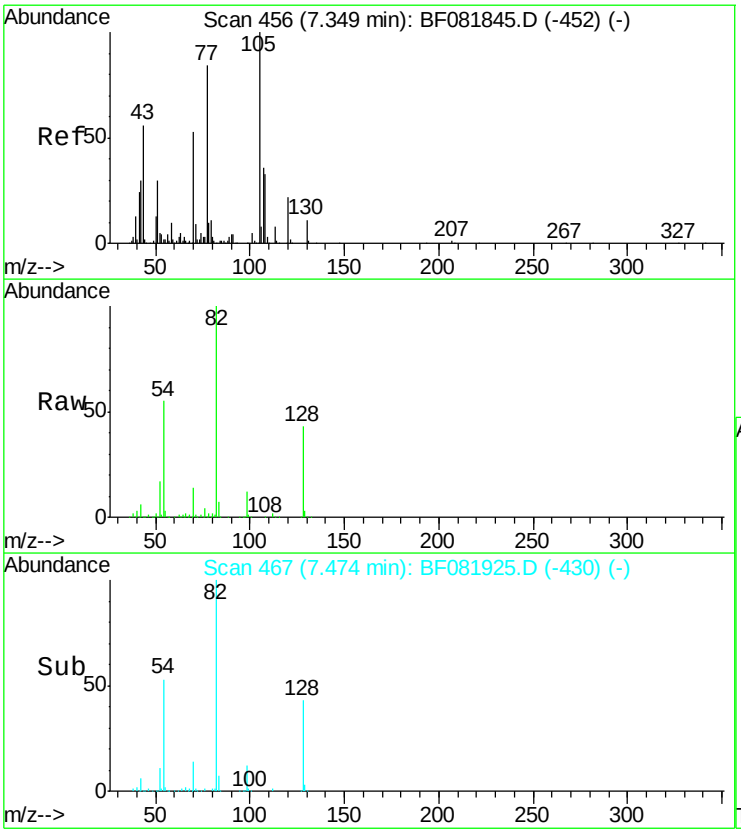
#7
Phenol-d6
Concen: 122.35 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion: 99 Resp: 1053667

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	35.1	14.2	21.2#

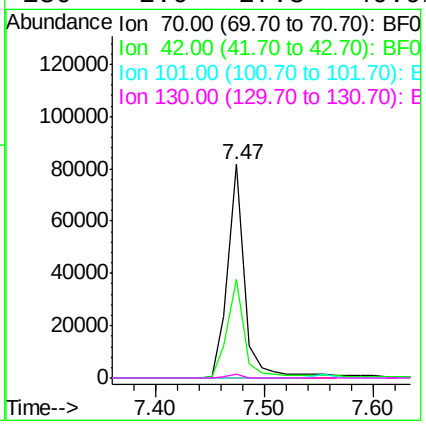


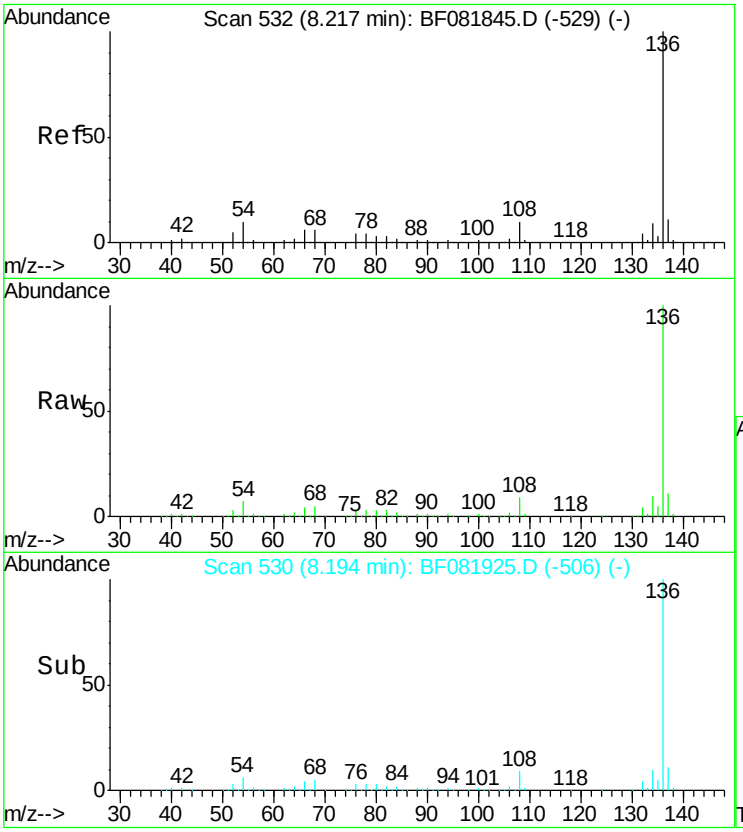


#19
n-Nitroso-di-n-propylamine
Concen: 17.14 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion: 70 Resp: 89732

Ion	Ratio	Lower	Upper
70	100		
42	46.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



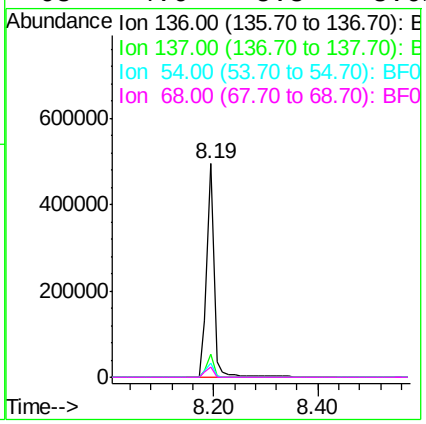


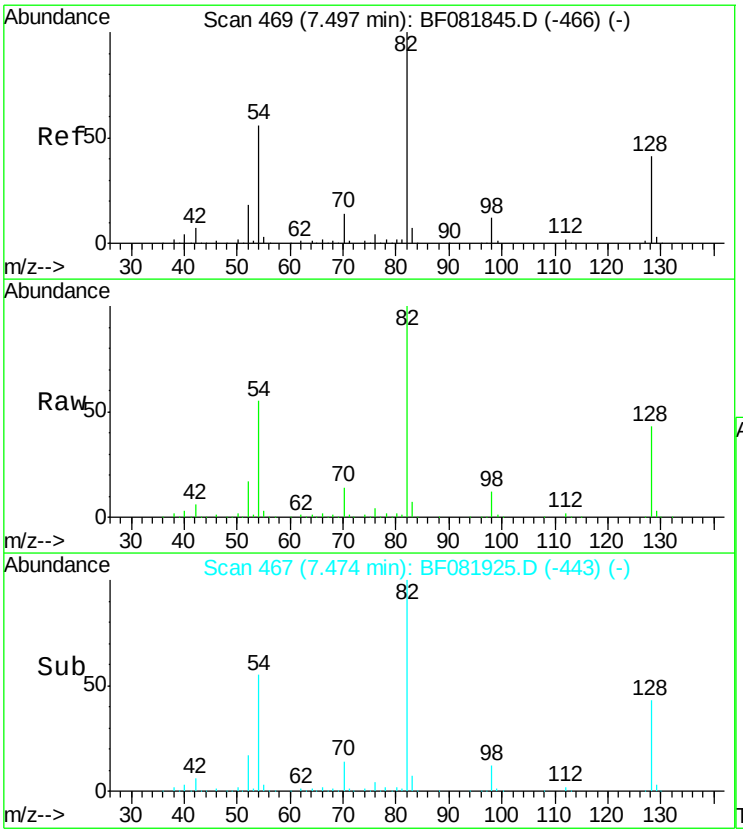
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:136 Resp: 492173

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.6	8.2	12.2#
68	4.6	5.8	8.6#

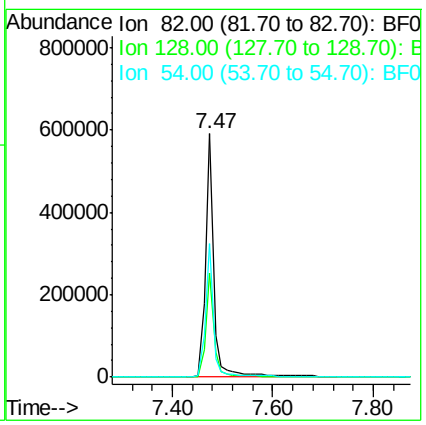


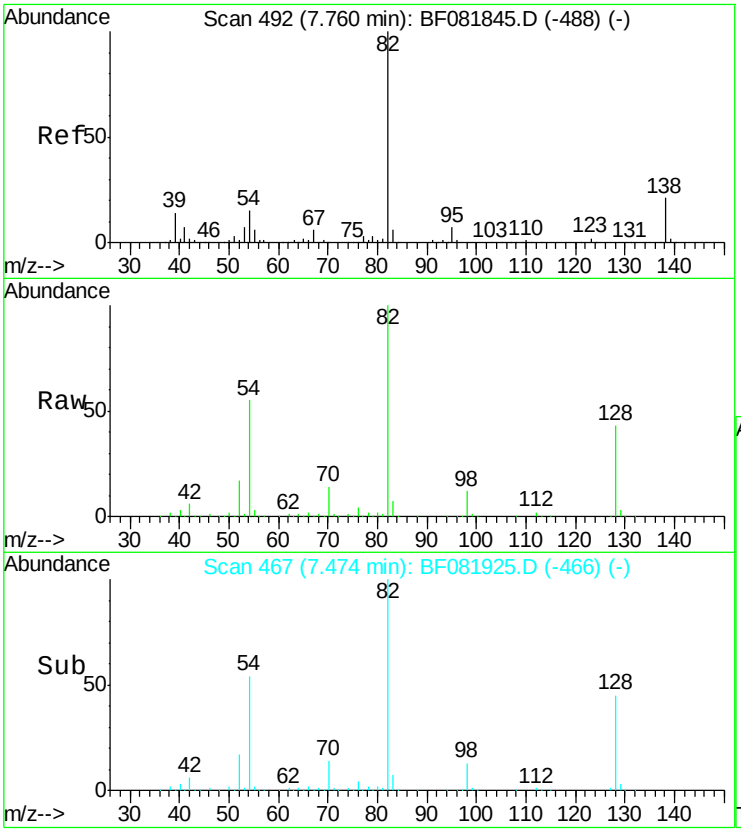


#23
Nitrobenzene-d5
Concen: 93.68 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion: 82 Resp: 691682

Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	54.7	47.5	71.3



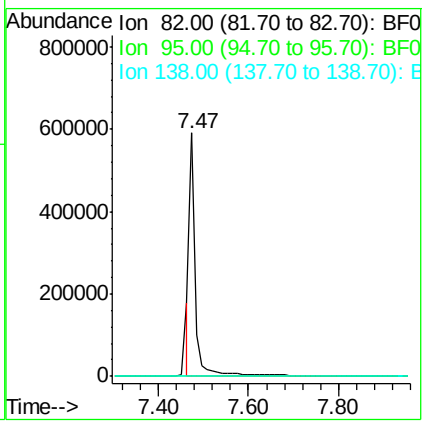


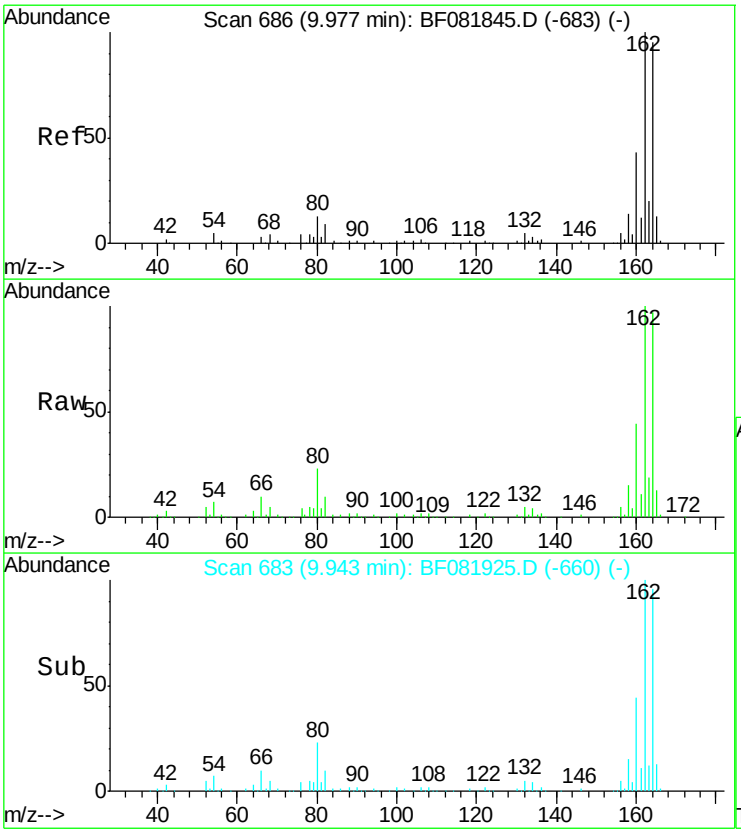
#25
Isophorone
Concen: 37.32 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.29 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion: 82 Resp: 546196

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

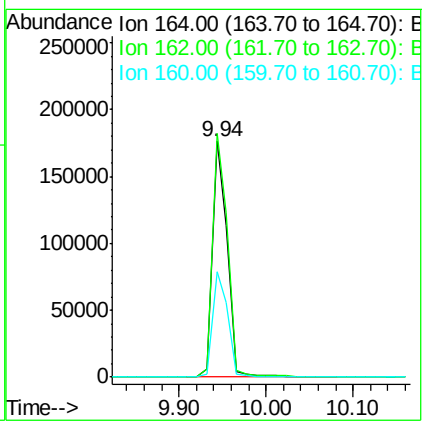


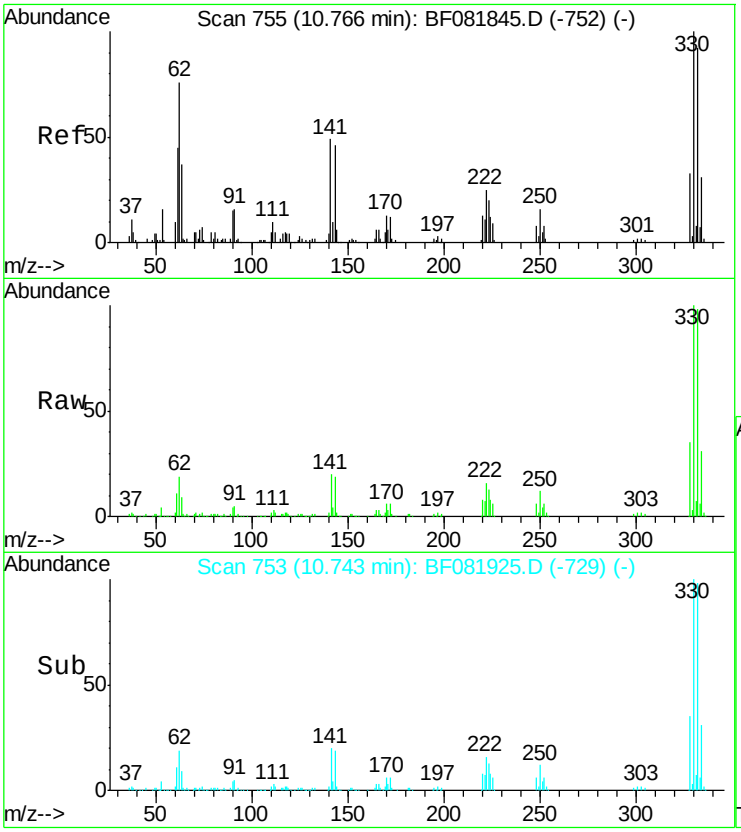


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:164 Resp: 211017

Ion	Ratio	Lower	Upper
164	100		
162	103.4	75.2	112.8
160	45.0	31.5	47.3



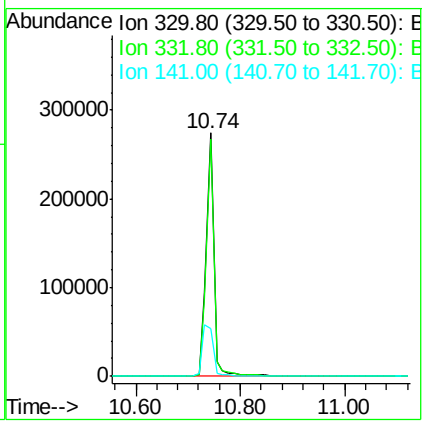


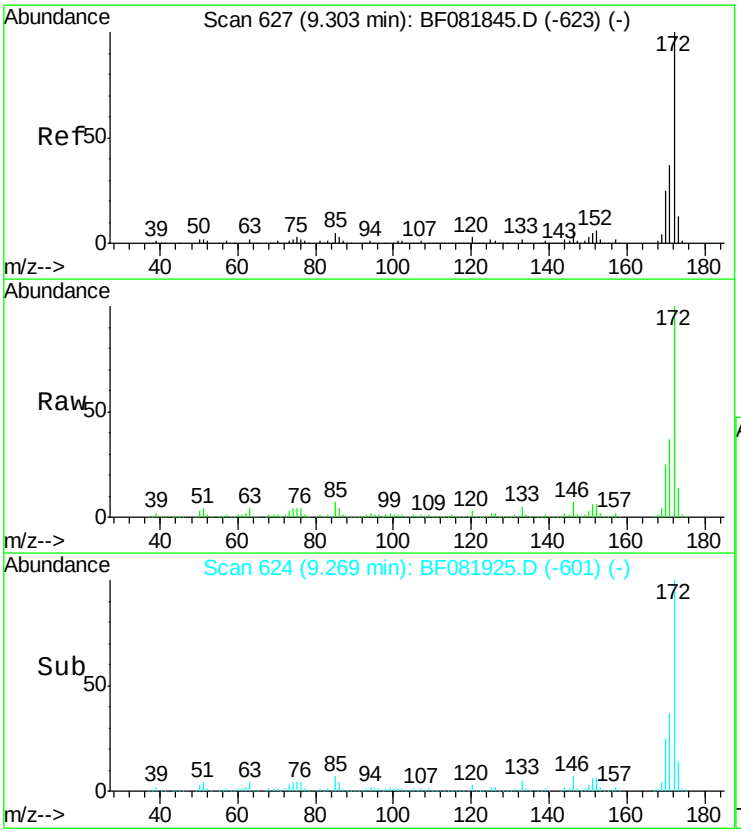
#41
2,4,6-Tribromophenol
Concen: 134.04 ng
RT: 10.74 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:330 Resp: 286455

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	30.7	29.7	44.5

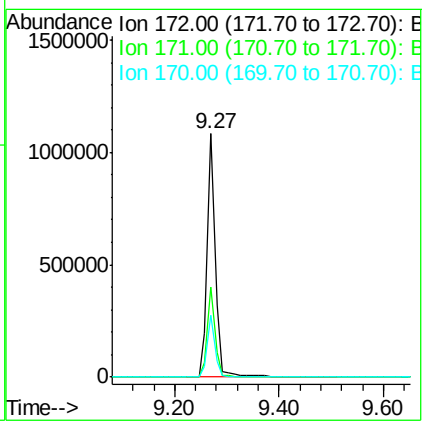


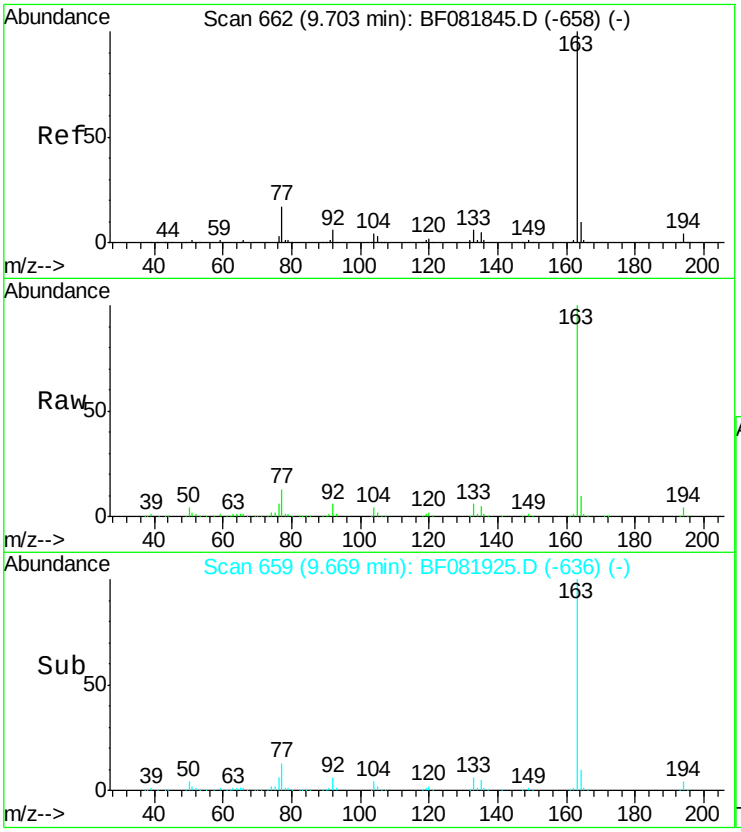


#44
2-Fluorobiphenyl
Concen: 95.97 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:172 Resp: 1180129

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.4	17.4	26.2



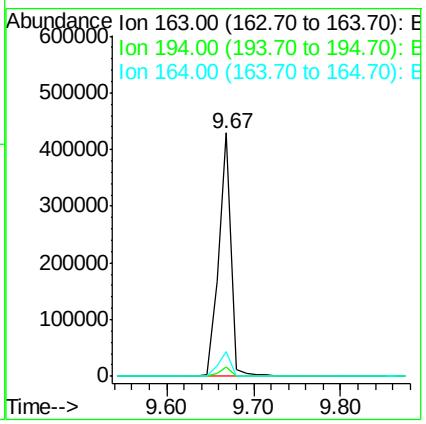


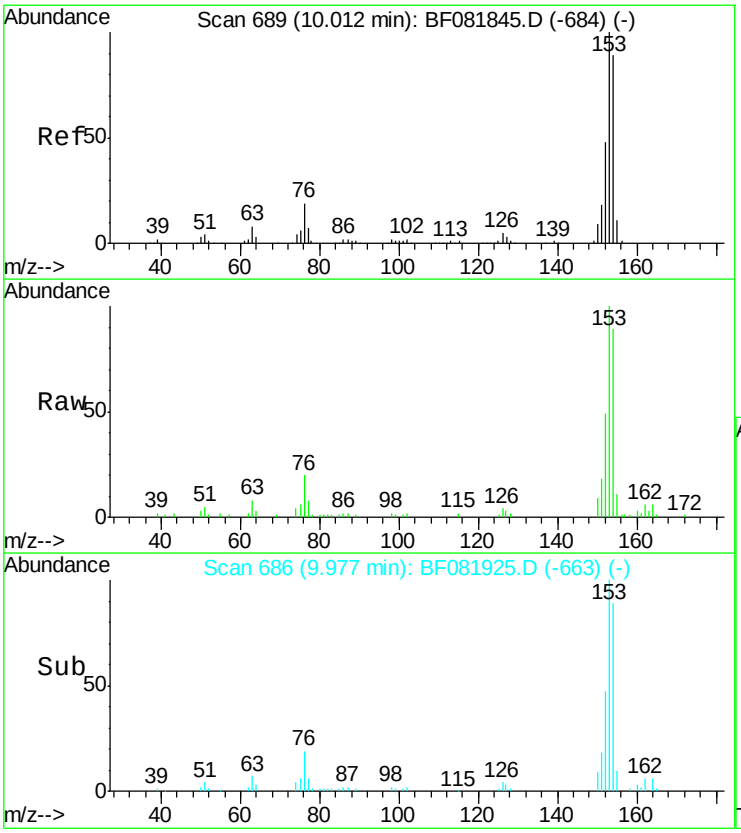
#49
Dimethylphthalate
Concen: 29.61 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:163 Resp: 431305

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	9.9	8.3	12.5

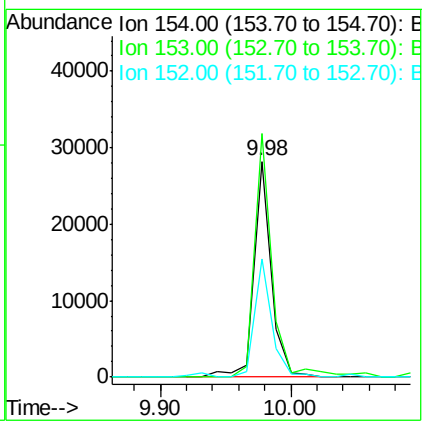


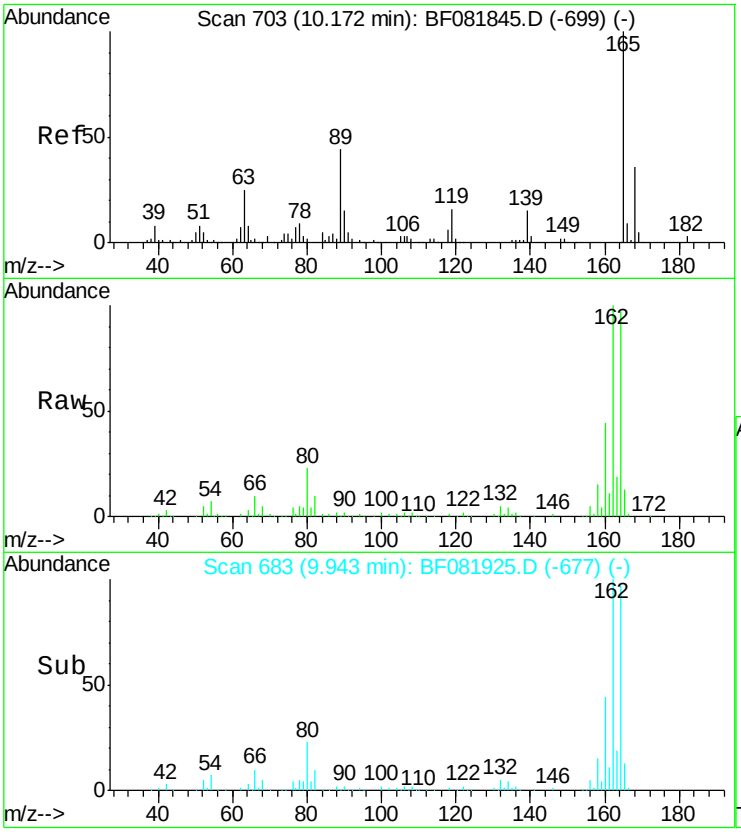


#51
Acenaphthene
Concen: 2.15 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:154 Resp: 26143

Ion	Ratio	Lower	Upper
154	100		
153	112.9	82.1	123.1
152	54.8	37.9	56.9



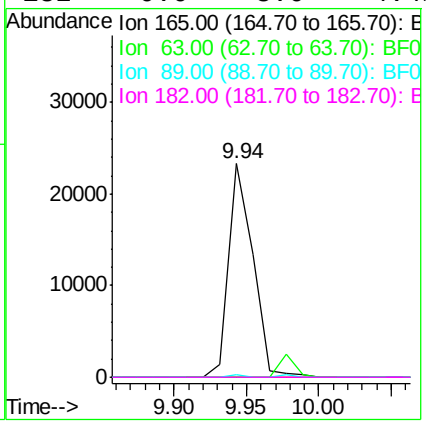


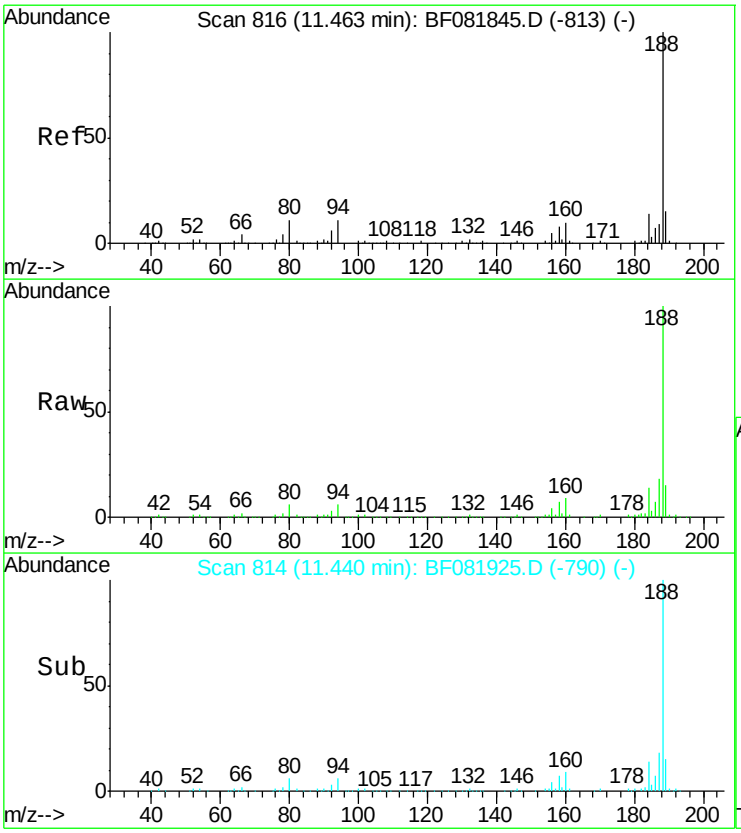
#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.23 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:165 Resp: 27136

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

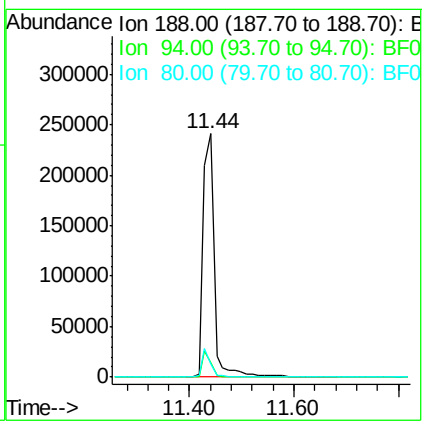


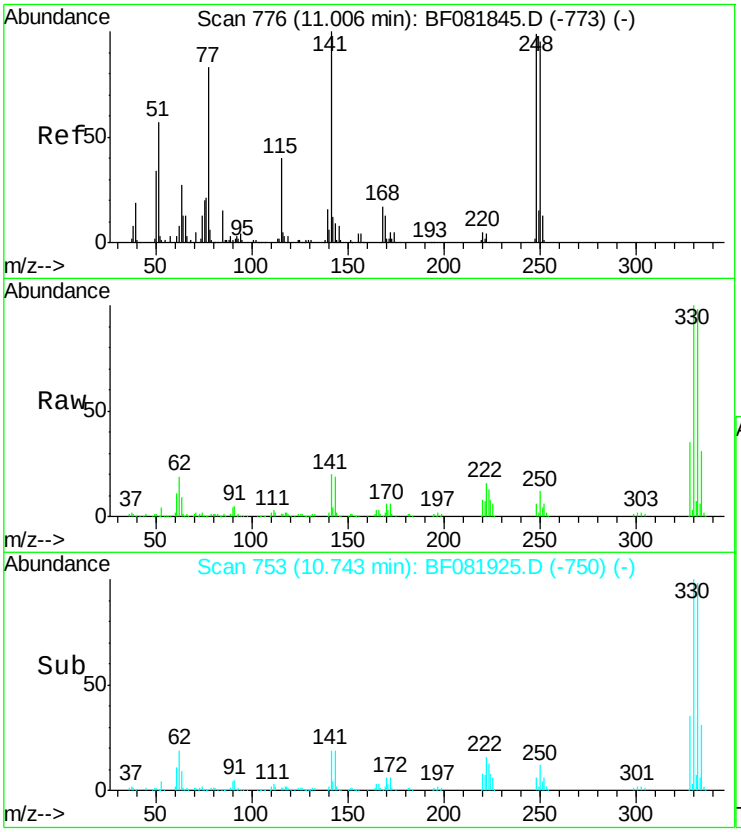


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:188 Resp: 359473

Ion	Ratio	Lower	Upper
188	100		
94	5.9	11.1	16.7#
80	5.6	11.0	16.4#



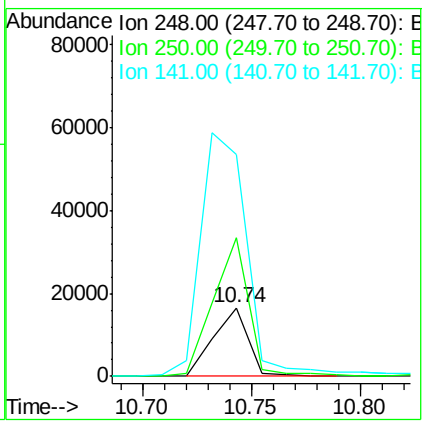


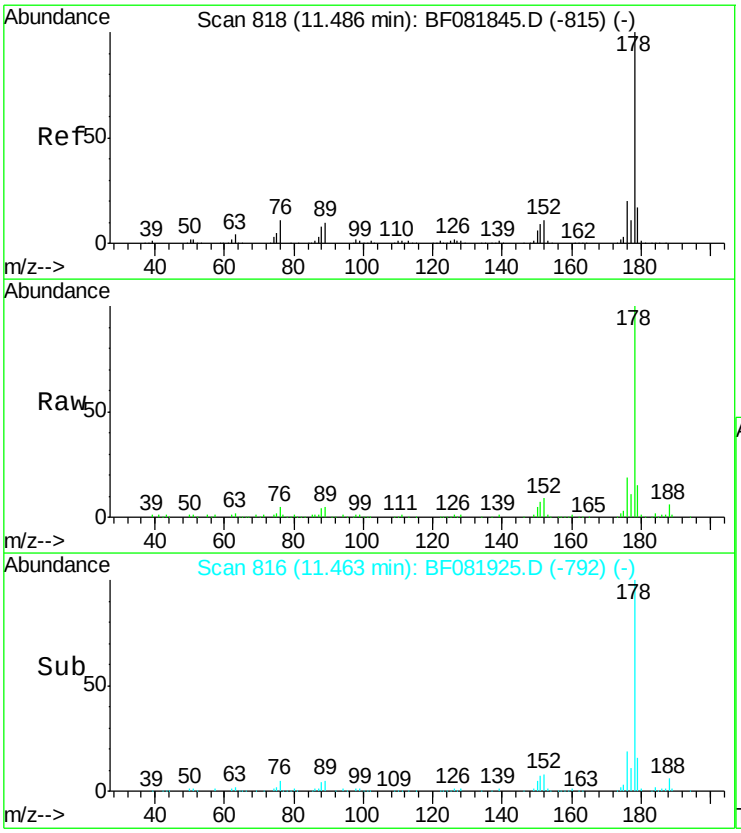
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.74 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:248 Resp: 18568

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.5	117.7#
141	322.4	59.0	88.6#

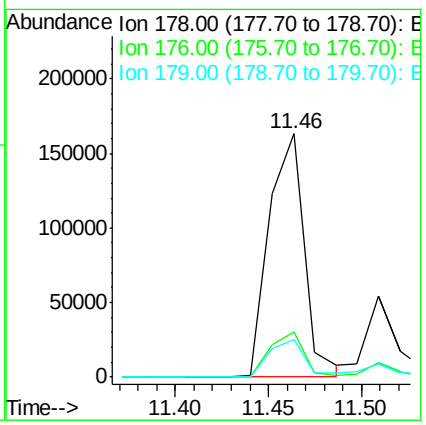


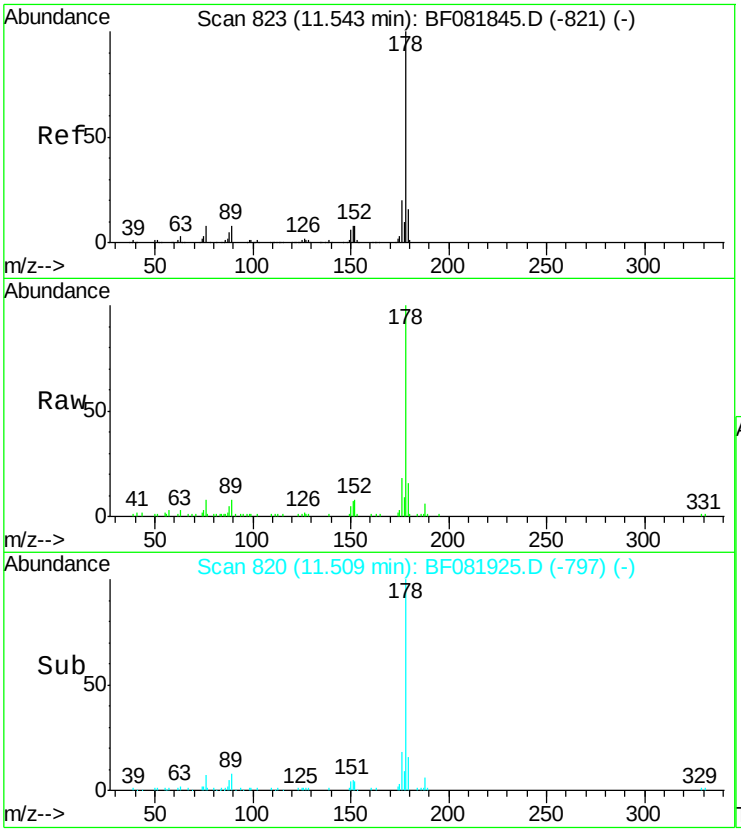


#70
Phenanthrene
Concen: 11.15 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:178 Resp: 214515

Ion	Ratio	Lower	Upper
178	100		
176	18.7	13.8	20.8
179	15.5	12.2	18.2



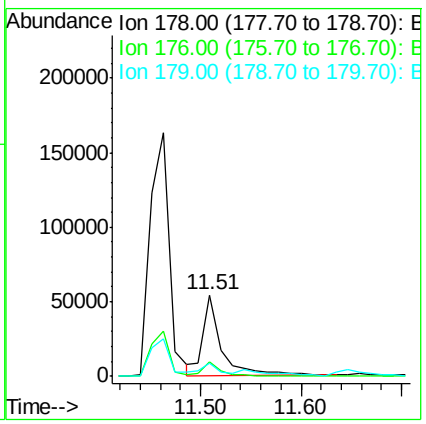


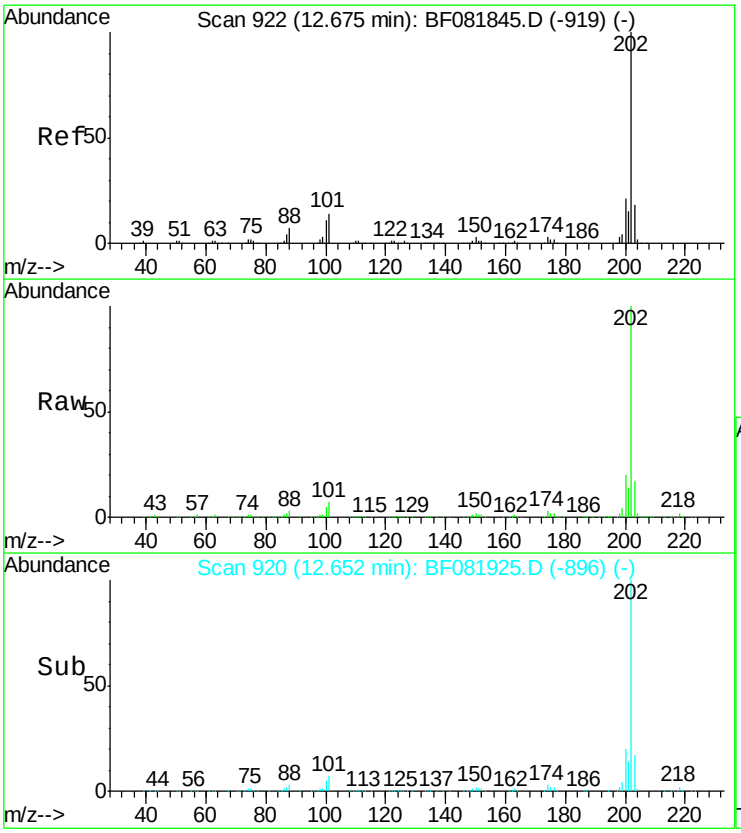
#71
Anthracene
Concen: 3.81 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:178 Resp: 69541

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	16.0	12.2	18.2

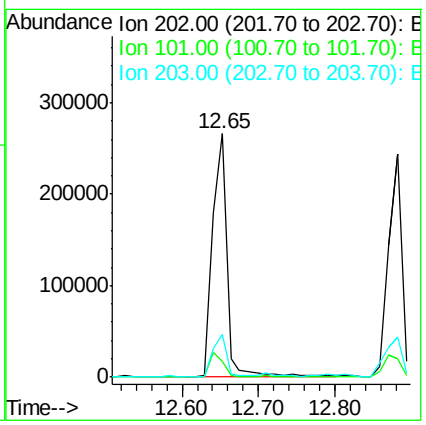


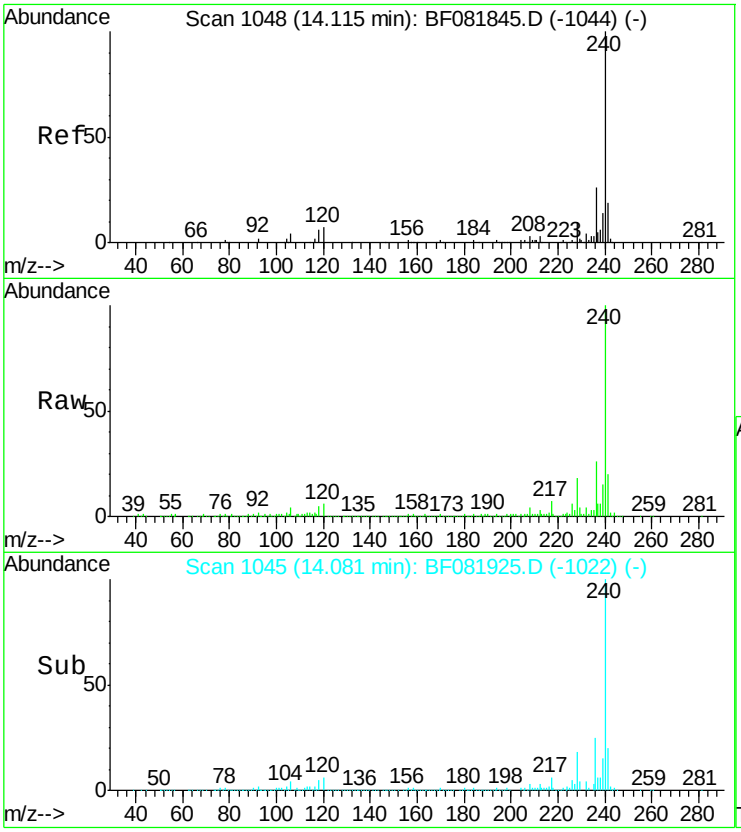


#74
Fluoranthene
Concen: 17.75 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:202 Resp: 341773

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	38.3
203	17.3	0.0	37.3



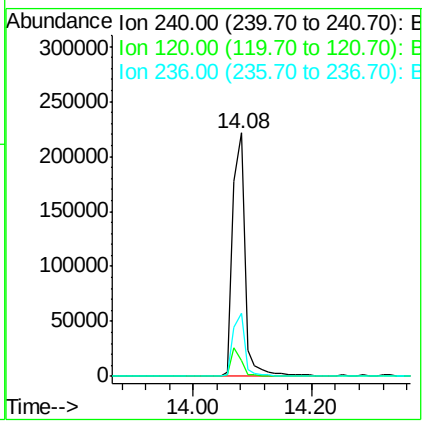


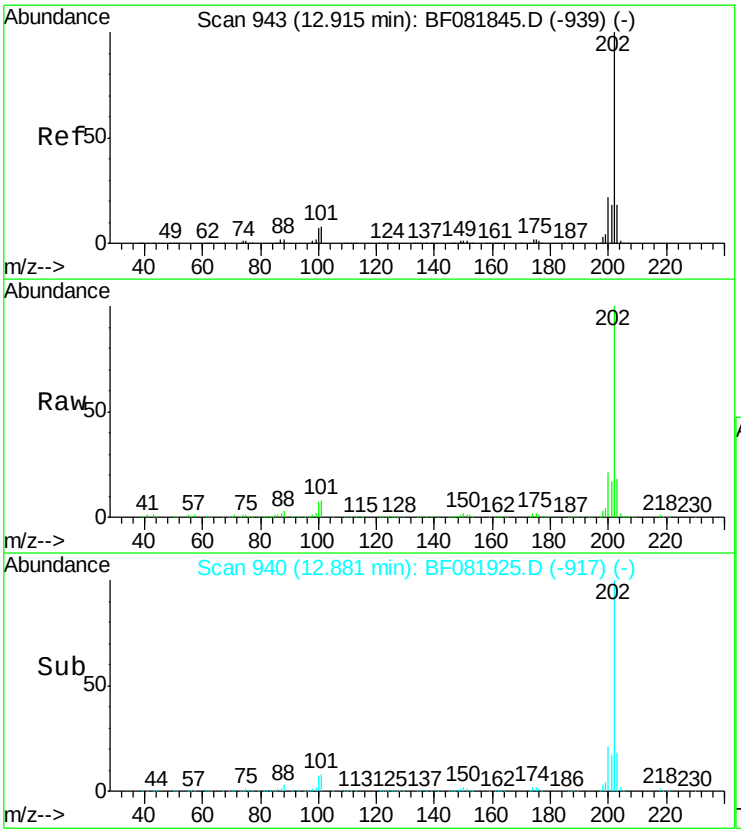
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:240 Resp: 317617

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	25.8	18.4	27.6

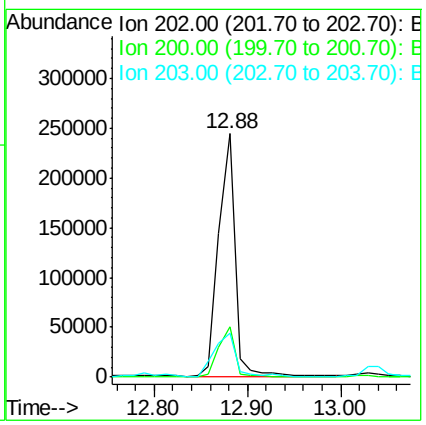


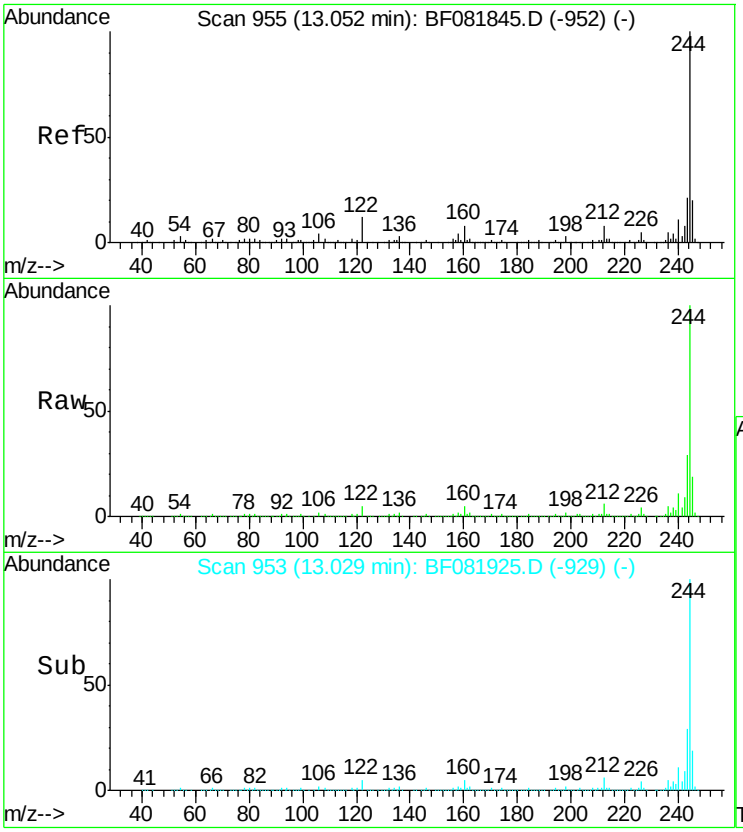


#77
Pyrene
Concen: 15.66 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:202 Resp: 297140

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.0	22.4
203	18.1	14.1	21.1



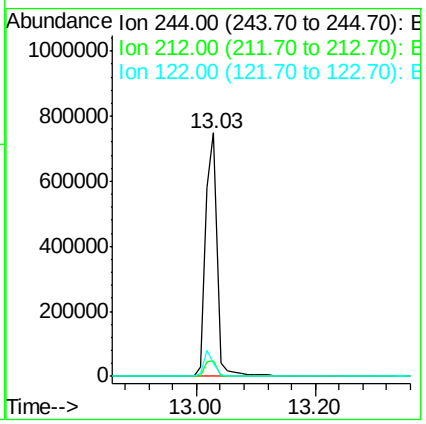


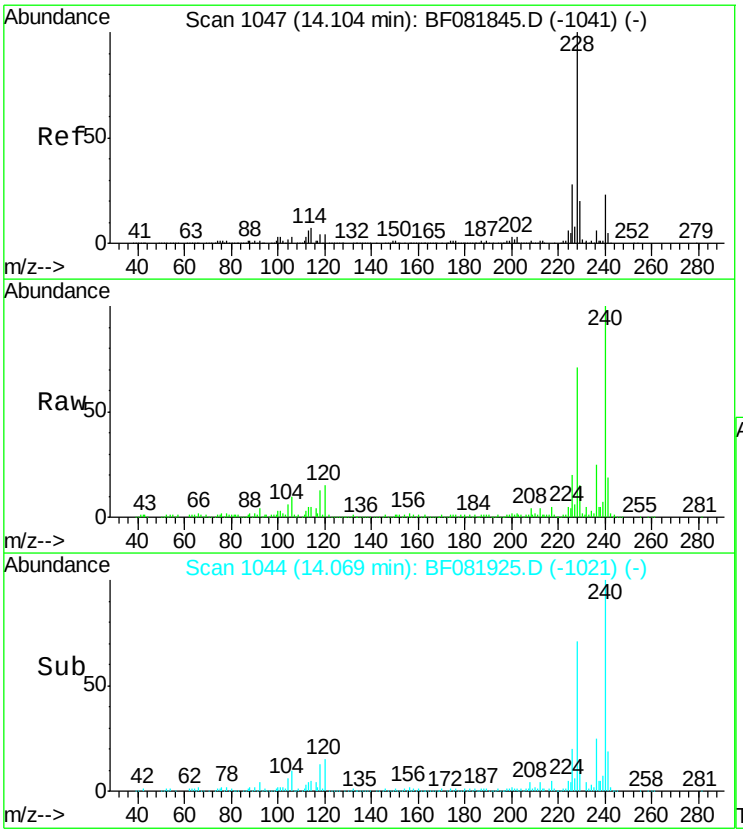
#78
Terphenyl-d14
Concen: 112.39 ng
RT: 13.03 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:244 Resp: 1009102

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.3	6.5#
122	5.5	17.4	26.2#

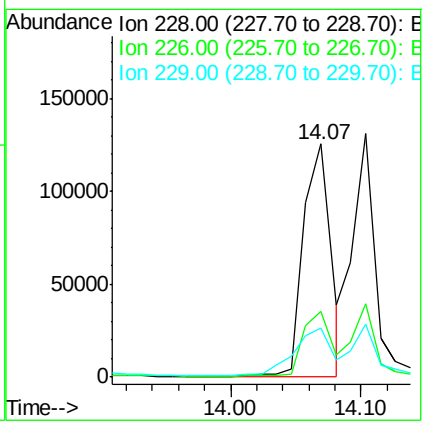


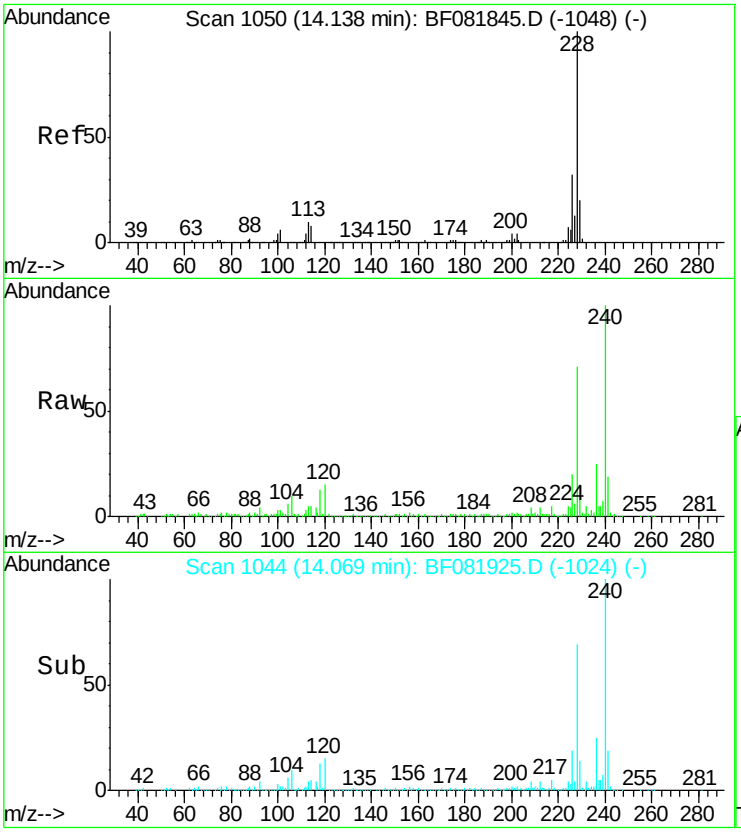


#80
Benzo(a)anthracene
Concen: 10.59 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:228 Resp: 181133

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	21.0	15.4	23.2



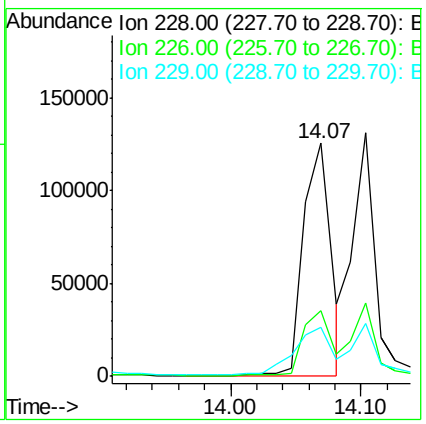


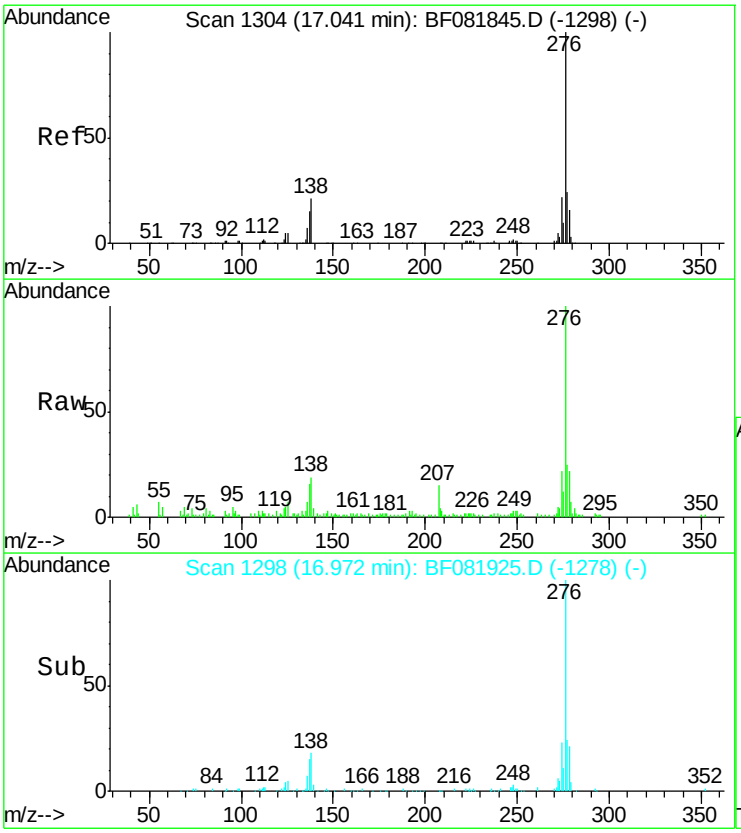
#82
Chrysene
Concen: 9.26 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:228 Resp: 181133

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.4
229	21.0	15.6	23.4

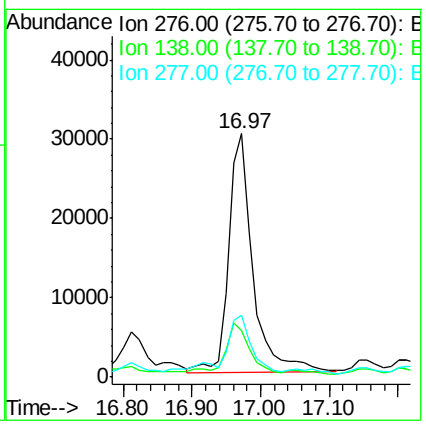


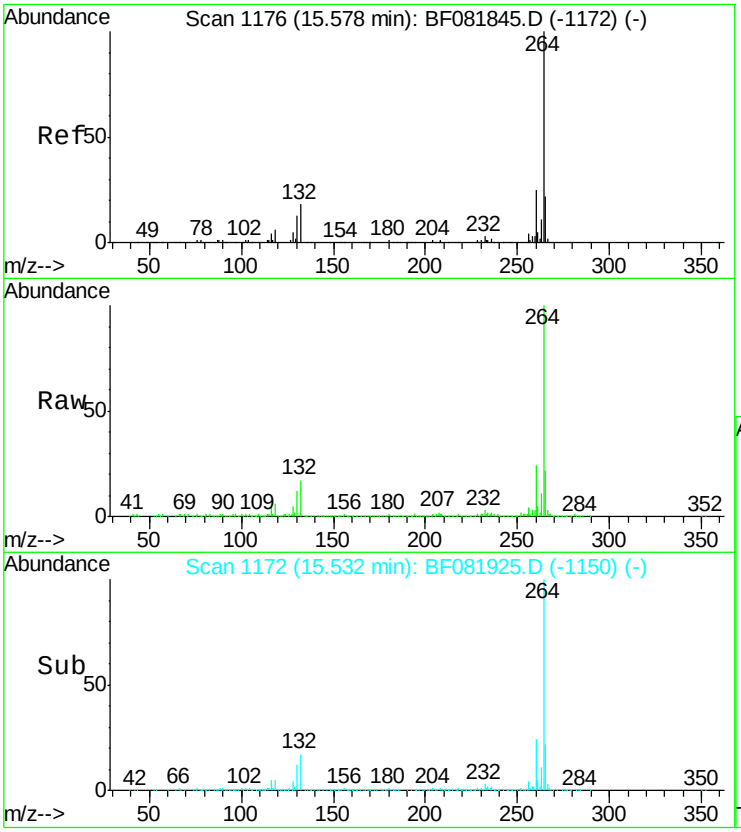


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.58 ng
RT: 16.97 min Scan# 1298
Delta R.T. -0.07 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:276 Resp: 74708

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.7	38.5#
277	26.2	15.6	23.4#



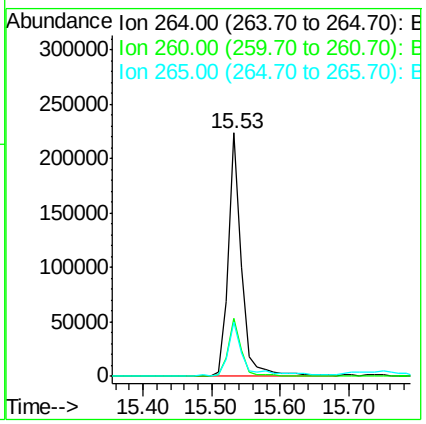


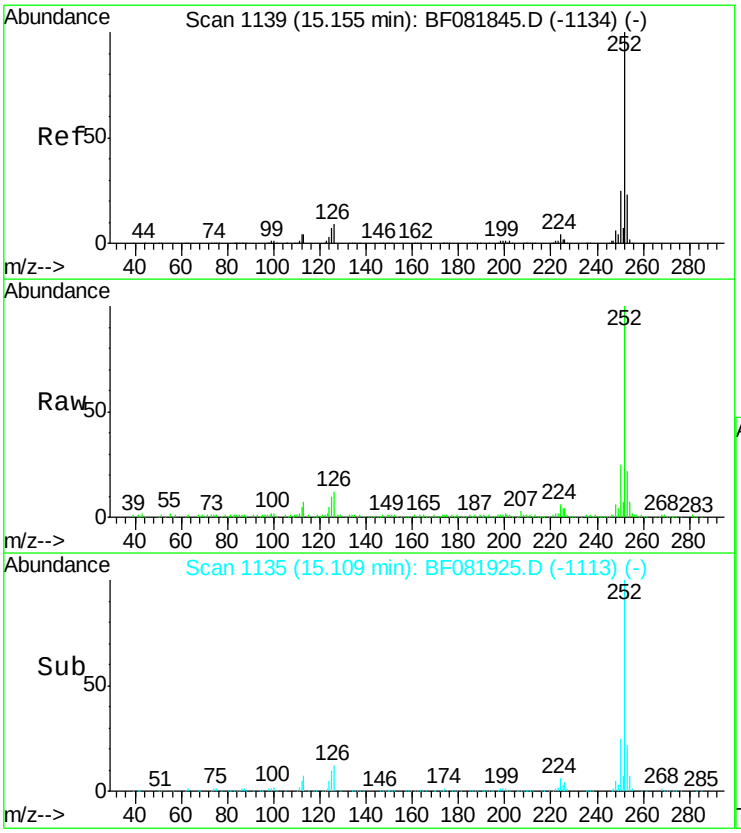
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:264 Resp: 306807

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	22.0	17.2	25.8

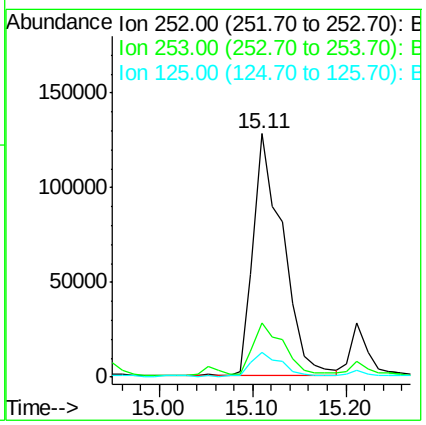


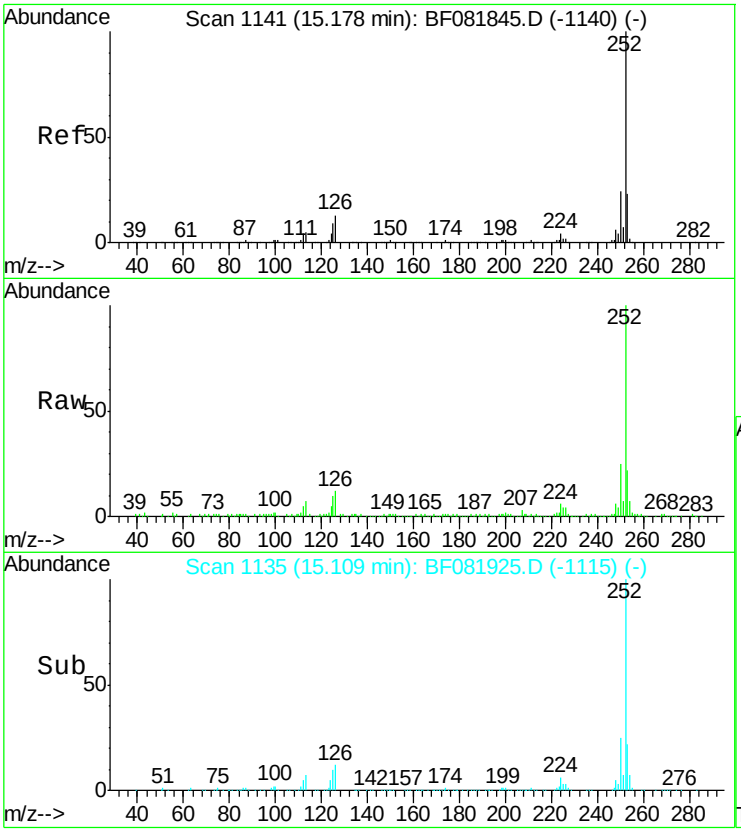


#87
Benzo(b)fluoranthene
Concen: 16.33 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:252 Resp: 285971

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.2	17.1	25.7#



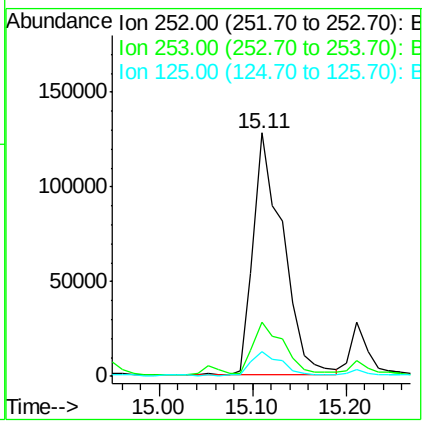


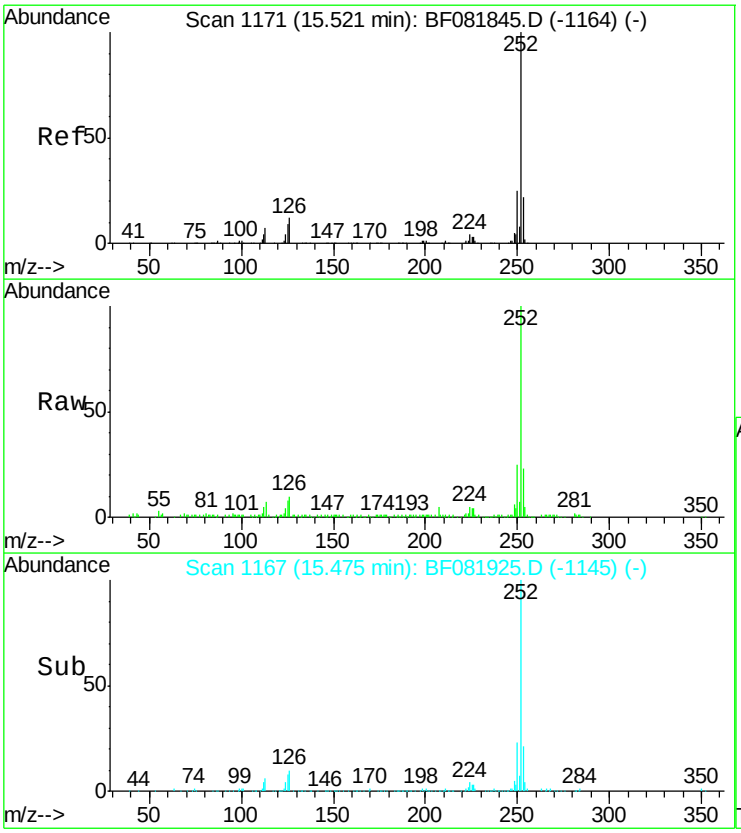
#88
Benzo(k)fluoranthene
Concen: 17.81 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:252 Resp: 285971

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	10.2	16.0	24.0#

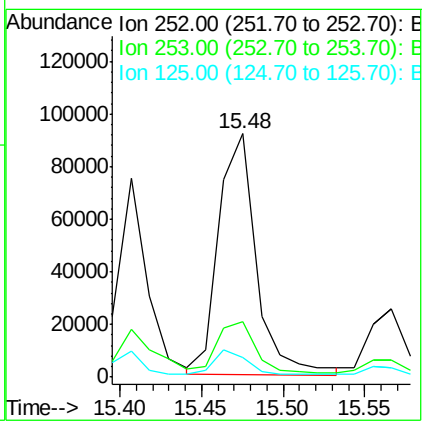


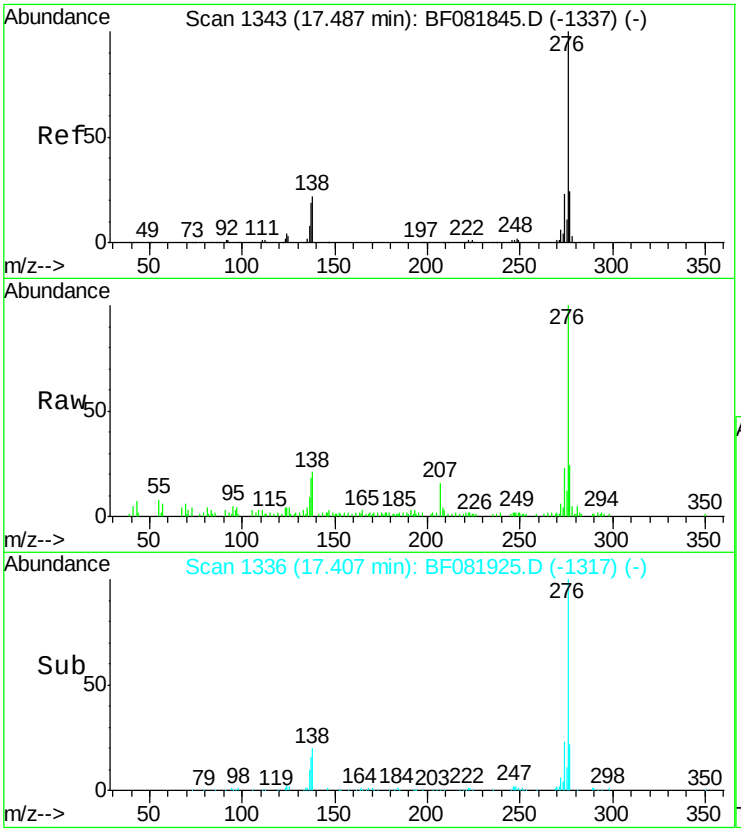


#89
Benzo(a)pyrene
Concen: 9.66 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Tgt Ion:252 Resp: 146775

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	8.3	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.91 ng
RT: 17.41 min Scan# 1336
Delta R.T. -0.08 min
Lab File: BF081925.D
Acq: 1 Oct 2015 2:55

Instrument :
BNA_F
ClientSampleId :
OGS-SSCF-PH-FL-3-4-4.5

Tgt Ion:276 Resp: 64188

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	21.3	34.6	51.8#