Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088546.D
Acq On : 30 Jun 2016 23:23
Operator : UM/SJ
Sample : H3629-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5D(9-11)

Quant Time: Jul 01 01:32:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	175783	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	748576	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	352774	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	631620	20.00	ng		0.00
75) Chrysene-d12	13.95	240	482892	20.00	ng		0.00
86) Perylene-d12	15.35	264	387526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1236925	105.46	ng		0.01
7) Phenol-d6	6.46	99	1934109	127.62	ng		0.01
23) Nitrobenzene-d5	7.38	82	1195128	83.67	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	410834	125.41	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1454008	65.10	ng		0.00
78) Terphenyl-d14	12.91	244	1208523	55.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	165914	16.30	ng	#	73
49) Dimethylphthalate	9.56	163	275429	10.96	ng		99
56) 2,4-Dinitrotoluene	9.85	165	45792	6.29	ng	#	38
66) 4-Bromophenyl-phenylether	10.64	248	27712	4.35	ng	#	1
70) Phenanthrene	11.35	178	163395	4.73	ng		98
74) Fluoranthene	12.53	202	203187	5.80	ng		95
77) Pyrene	12.75	202	208995	5.10	ng		99
80) Benzo(a)anthracene	13.94	228	78677	2.53	ng		99
82) Chrysene	13.94	228	78677	2.56	ng		95
83) Bis(2-ethylhexyl)phthalate	13.94	149	52734	2.53	ng	#	98
87) Benzo(b)fluoranthene	14.95	252	91542	3.77	ng	#	93
88) Benzo(k)fluoranthene	14.95	252	91542	4.33	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088546.D
Acq On : 30 Jun 2016 23:23
Operator : UM/SJ
Sample : H3629-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Quant Time: Jul 01 01:32:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
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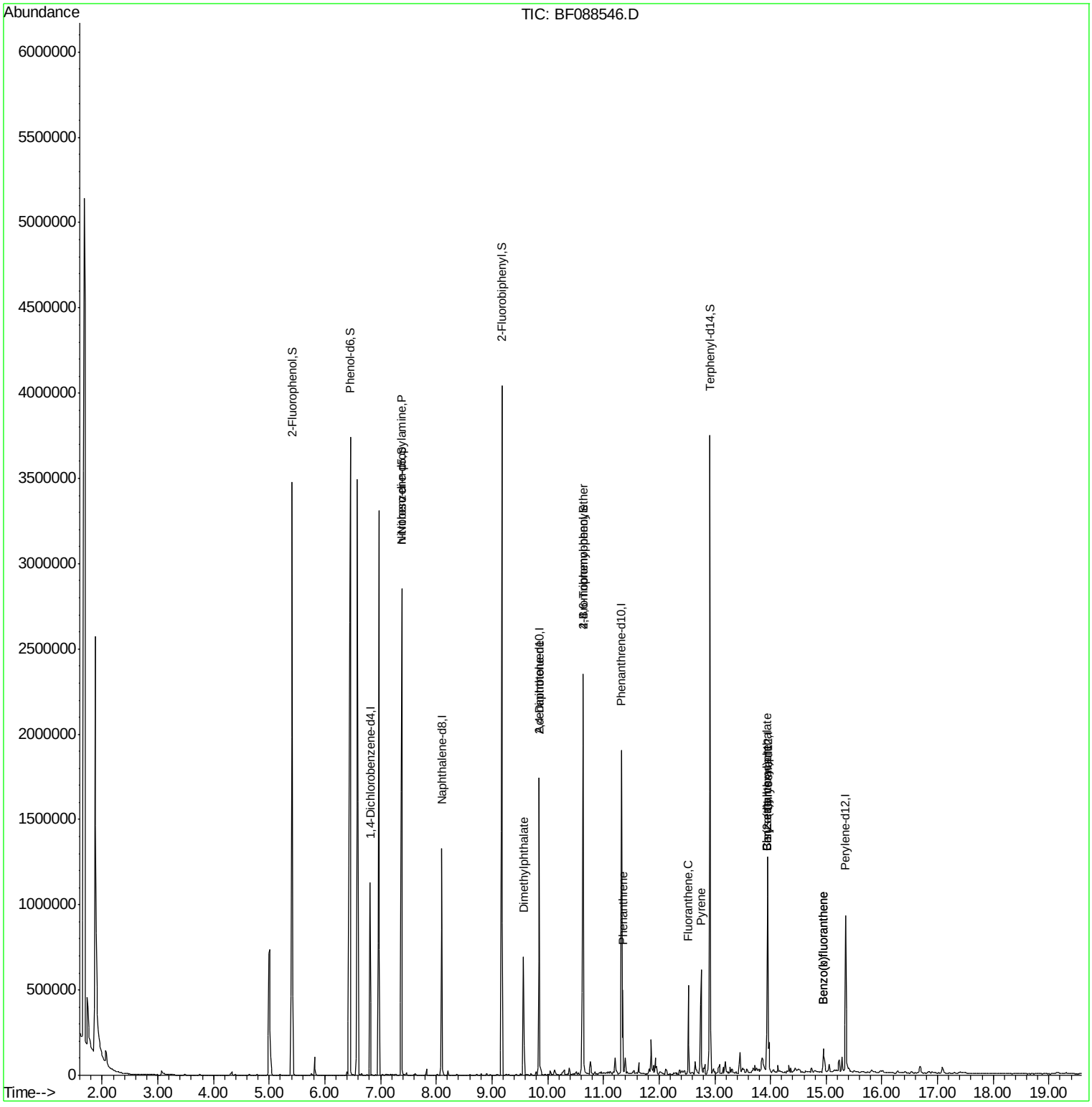
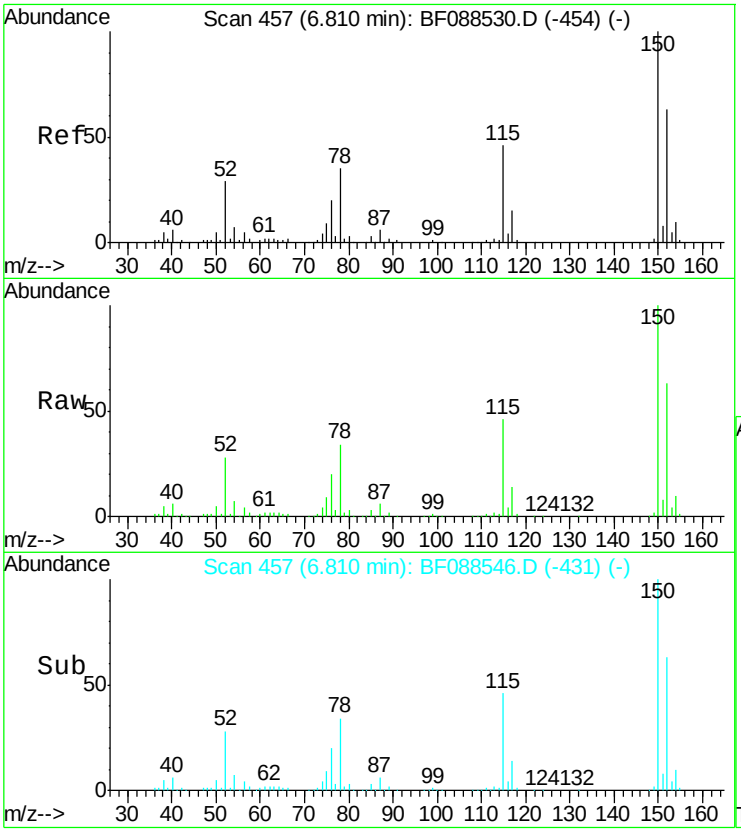


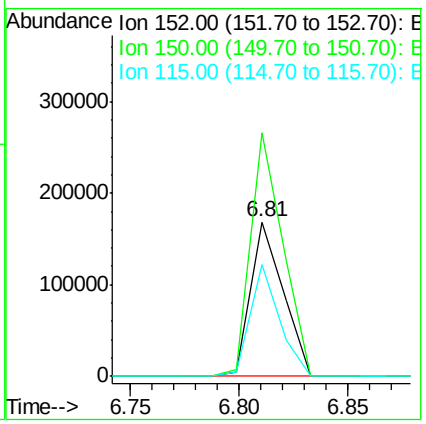


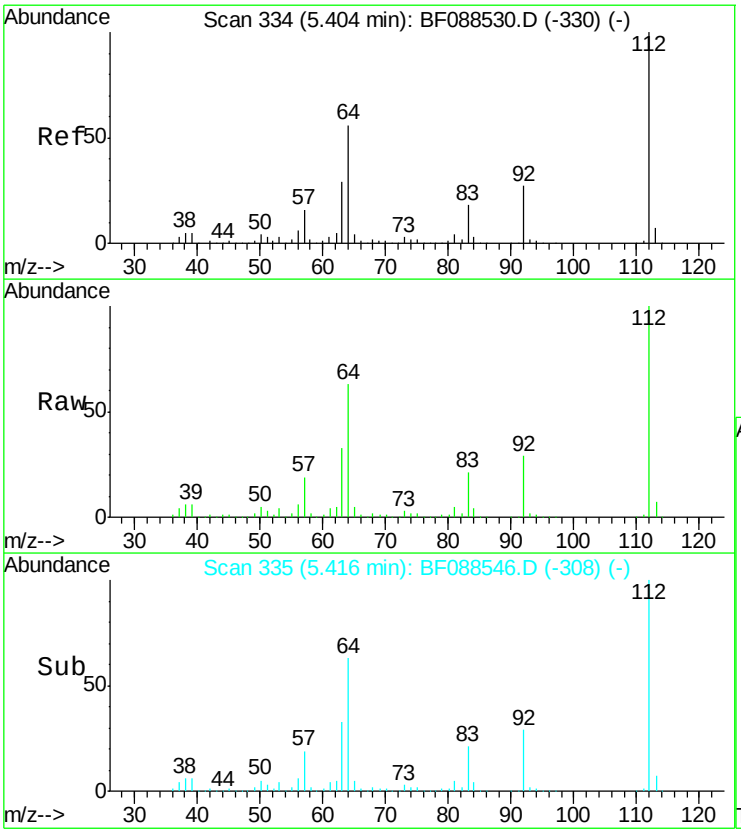
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:152 Resp: 175783

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	72.4	39.6	59.4#

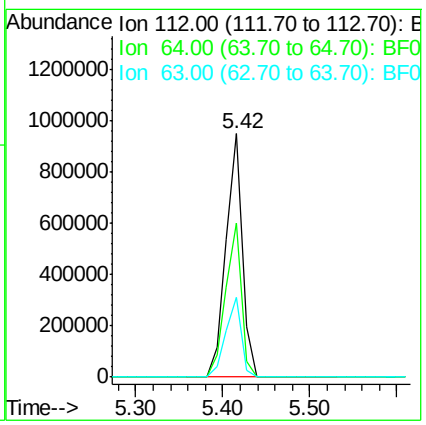


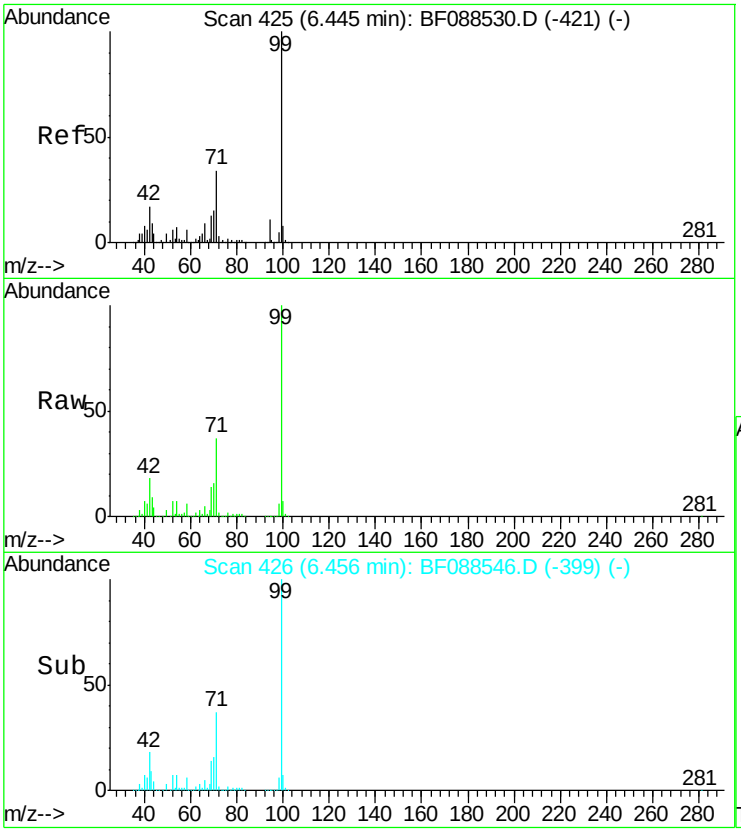


#5
2-Fluorophenol
Concen: 105.46 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:112 Resp: 1236925

Ion	Ratio	Lower	Upper
112	100		
64	63.2	42.2	63.2
63	33.0	21.8	32.8#



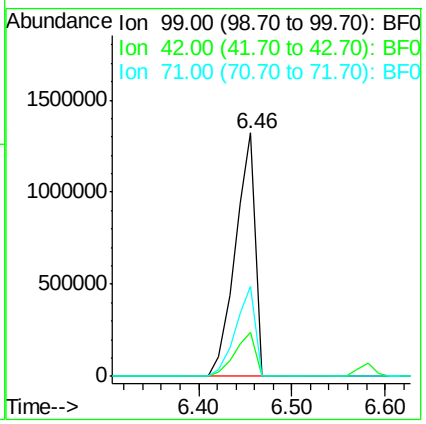


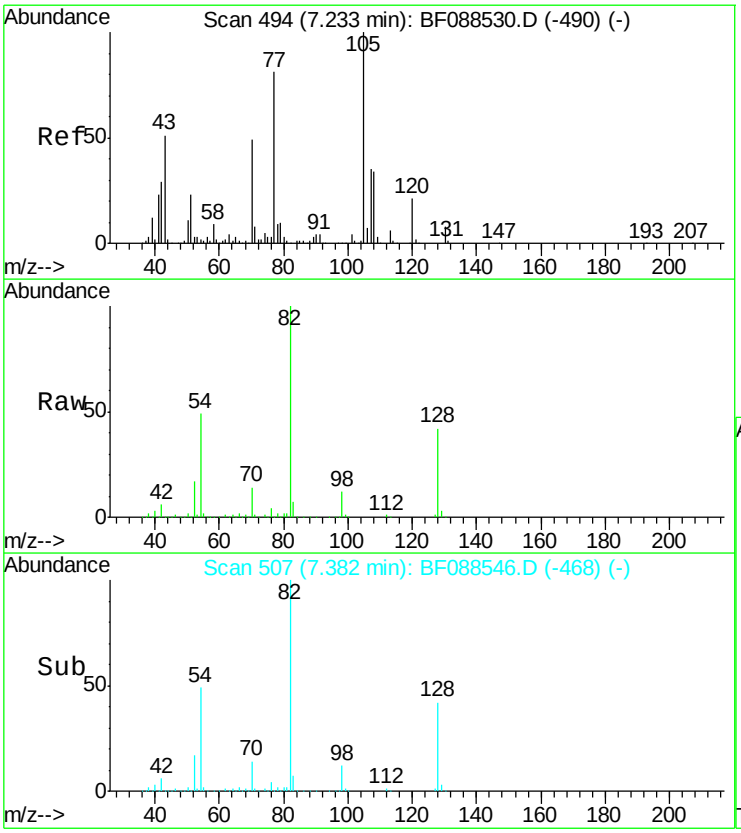
#7
Phenol-d6
Concen: 127.62 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion: 99 Resp: 1934109

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	37.1	23.4	35.0#

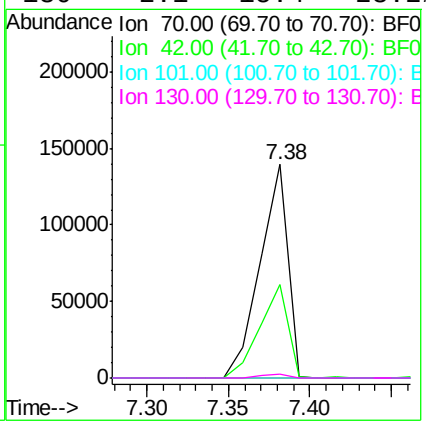


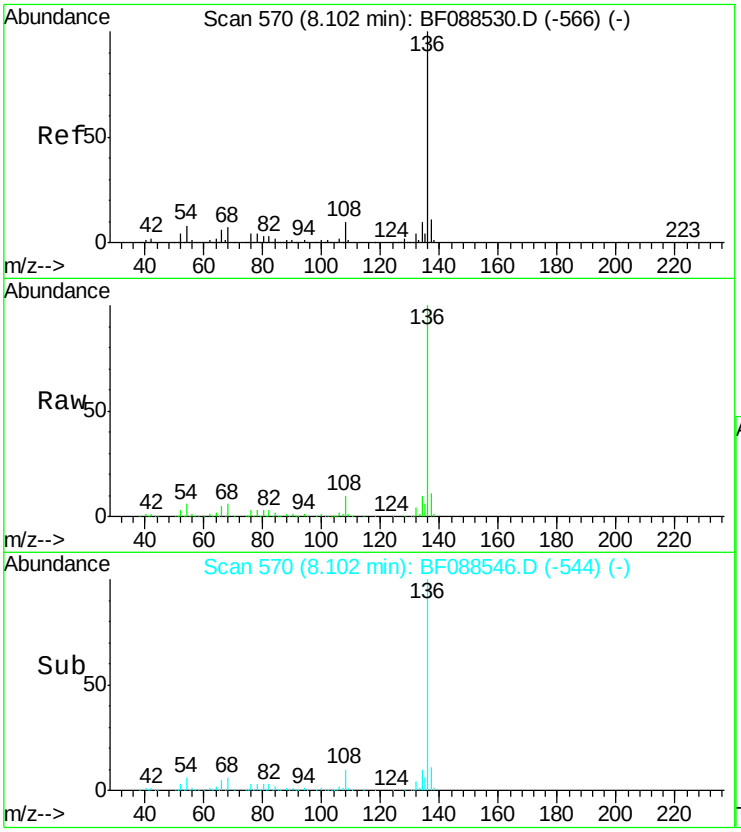


#19
n-Nitroso-di-n-propylamine
Concen: 16.30 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.15 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion: 70 Resp: 165914

Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



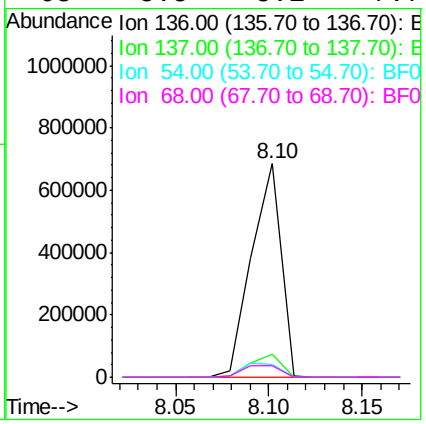


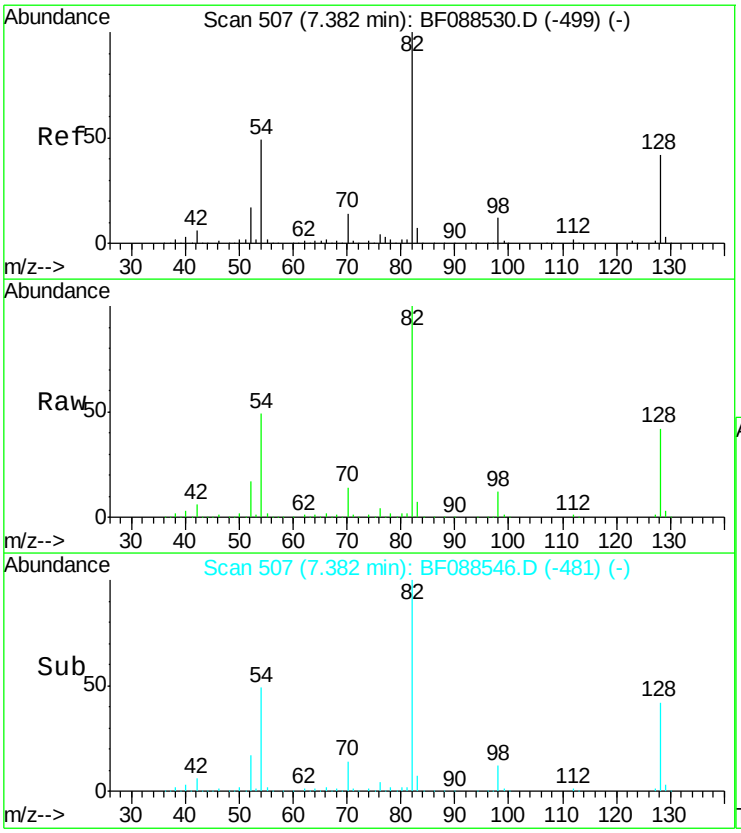
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:136 Resp: 748576

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.1	6.6	10.0#
68	5.5	5.1	7.7

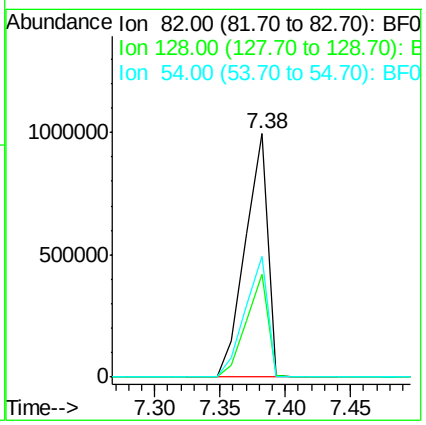


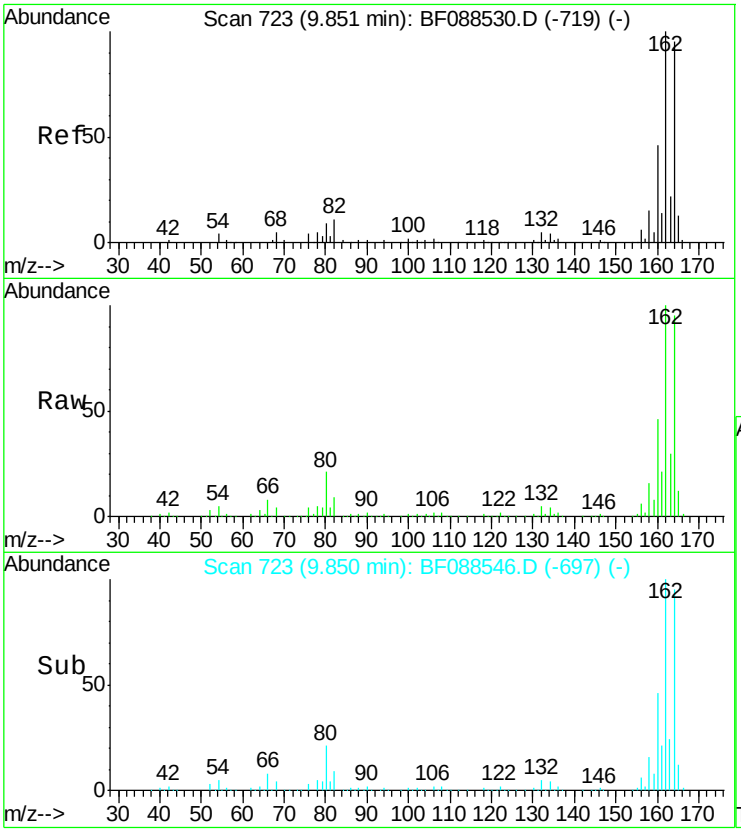


#23
Nitrobenzene-d5
Concen: 83.67 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion: 82 Resp: 1195128

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.9	53.9
54	49.4	40.9	61.3



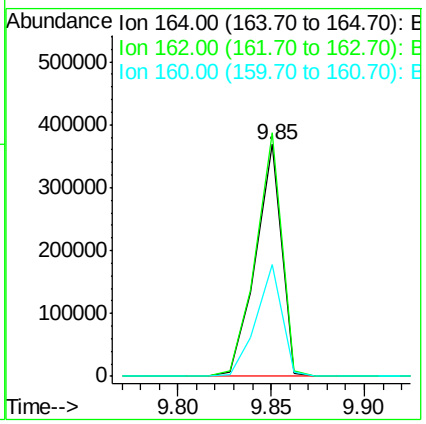


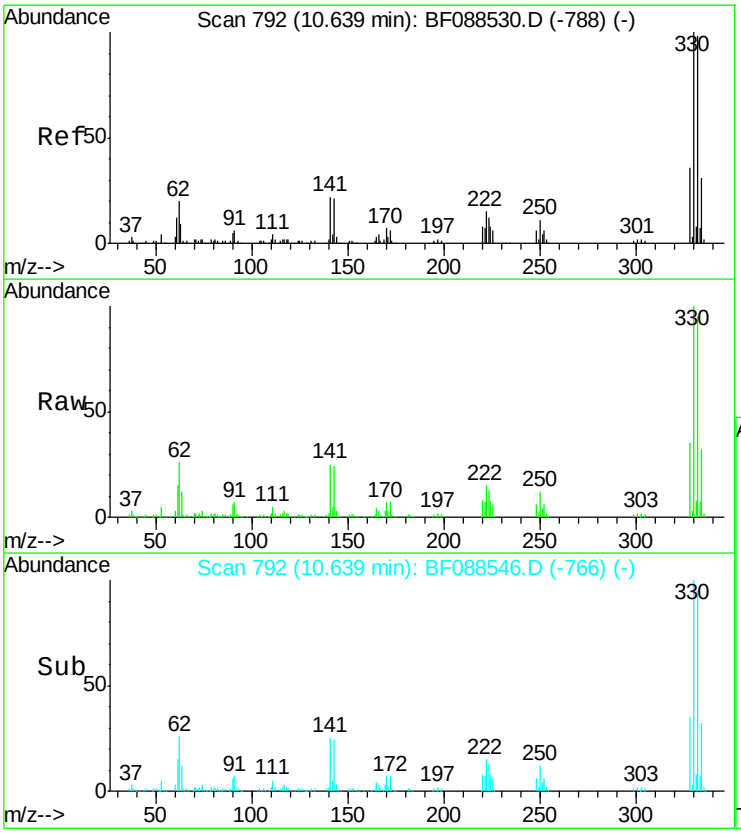
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:164 Resp: 352774

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	48.5	39.5	59.3

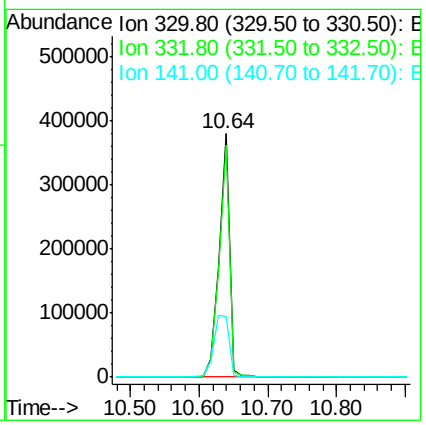


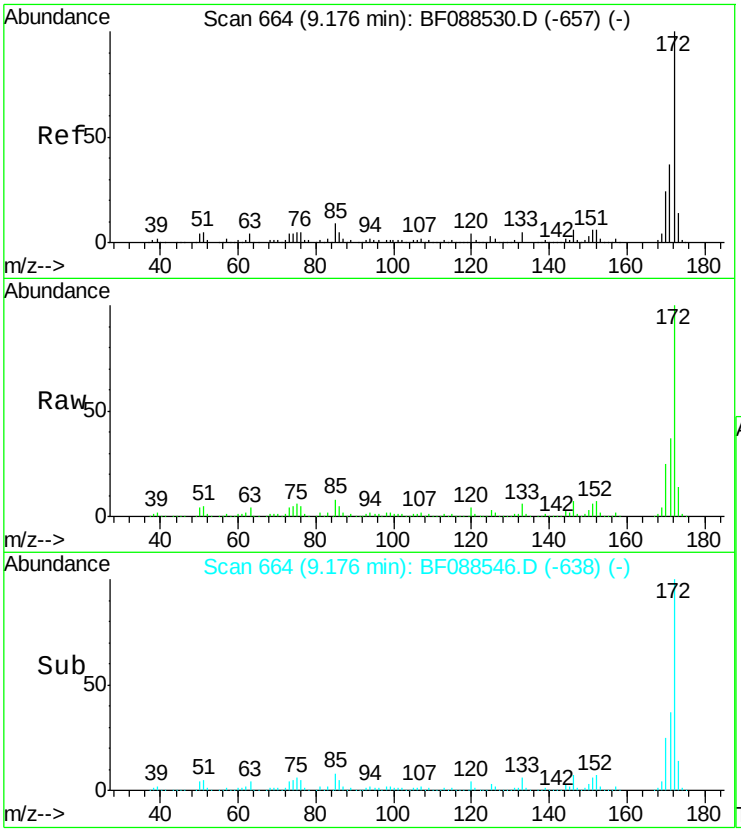


#41
2,4,6-Tribromophenol
Concen: 125.41 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:330 Resp: 410834

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	37.2	0.0	0.0#



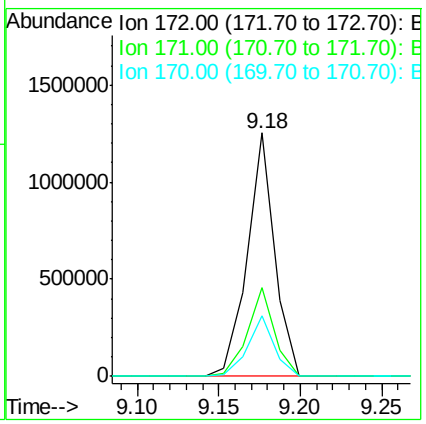


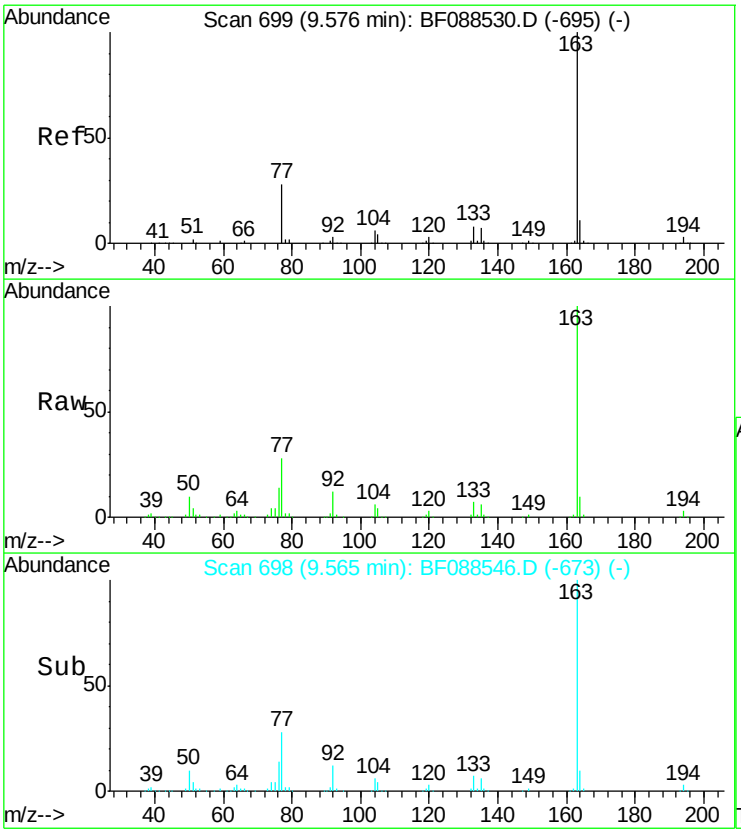
#44
2-Fluorobiphenyl
Concen: 65.10 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:172 Resp: 1454008

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.7	19.2	28.8

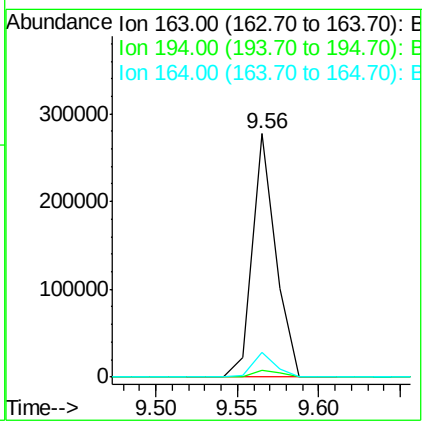


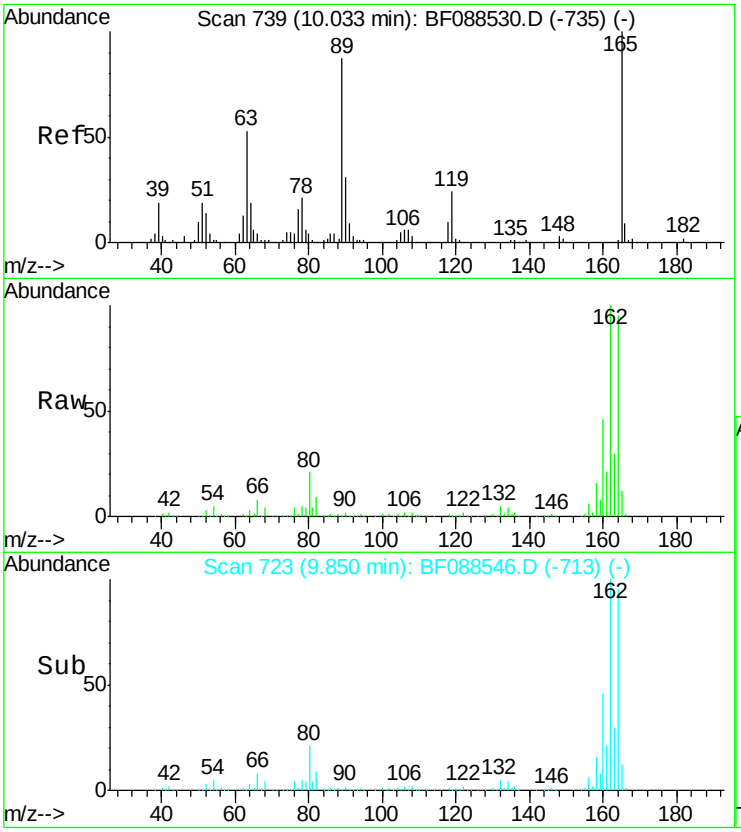


#49
Dimethylphthalate
Concen: 10.96 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:163 Resp: 275429

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.1	8.3	12.5



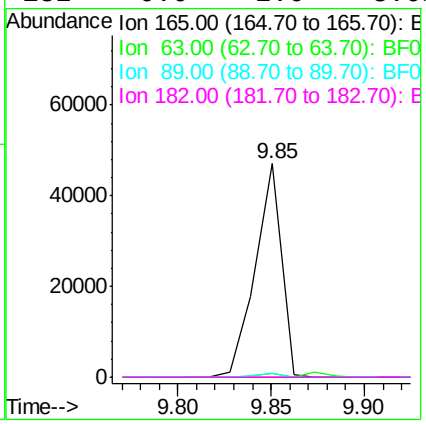


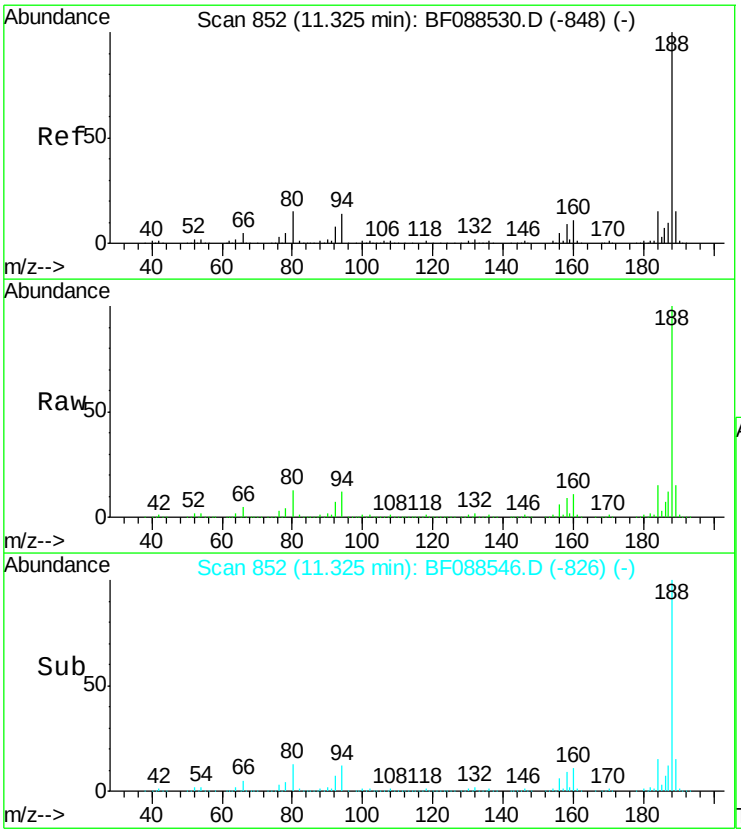
#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.18 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:165 Resp: 45792

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

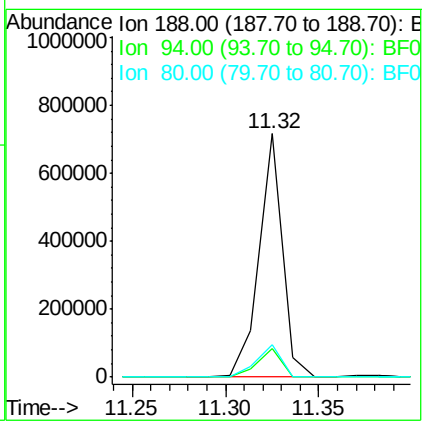


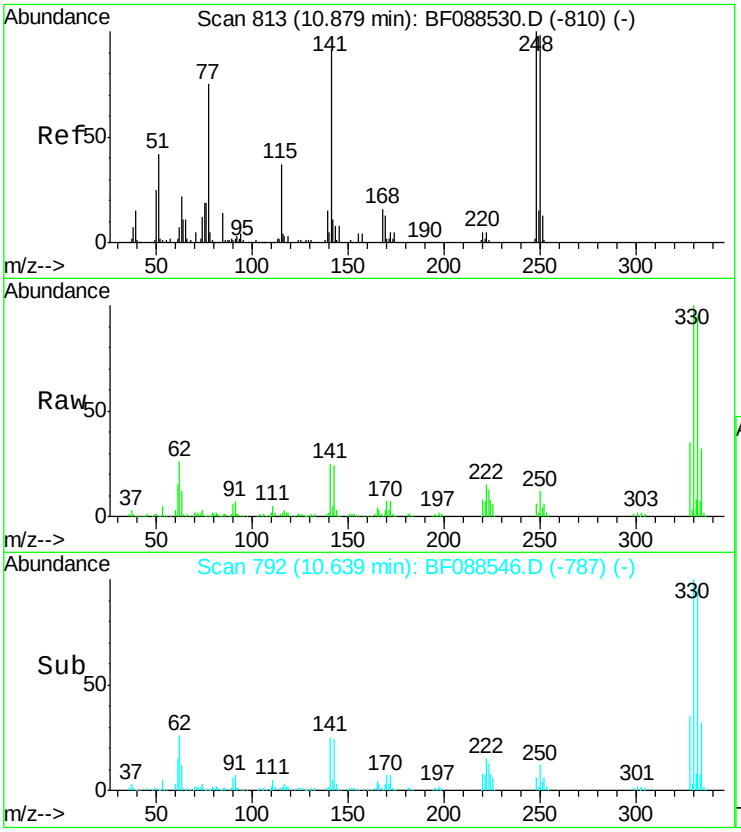


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:188 Resp: 631620

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	13.4	10.0	15.0



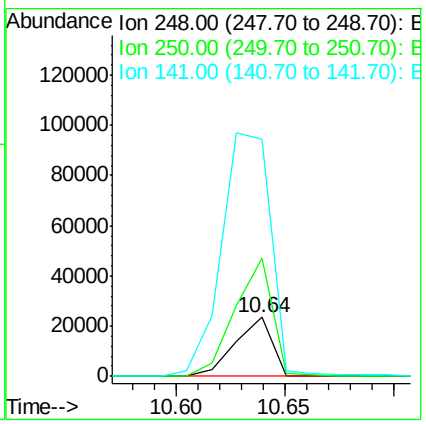


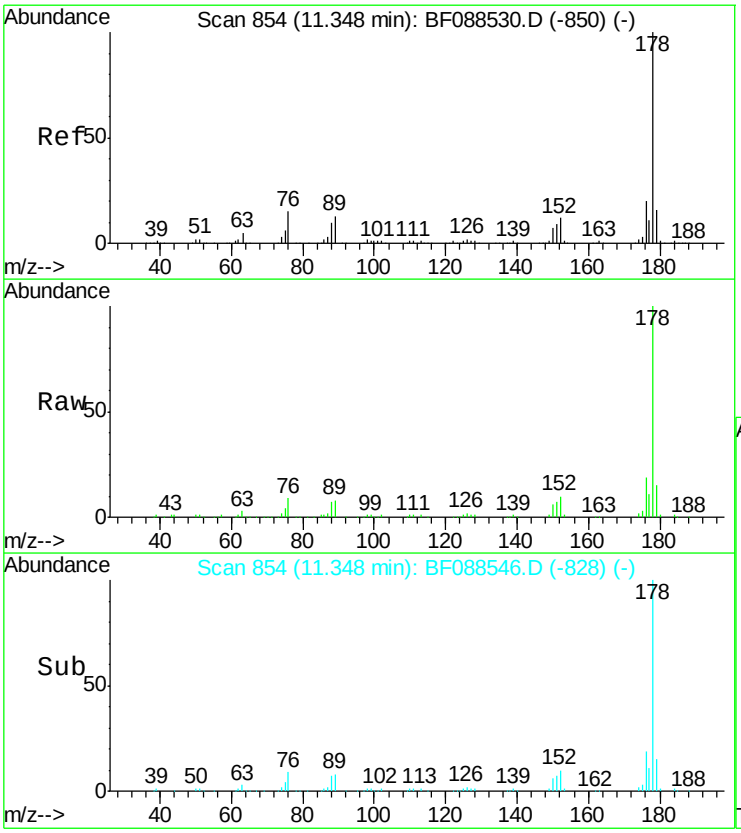
#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.24 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:248 Resp: 27712

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	403.7	50.6	76.0#

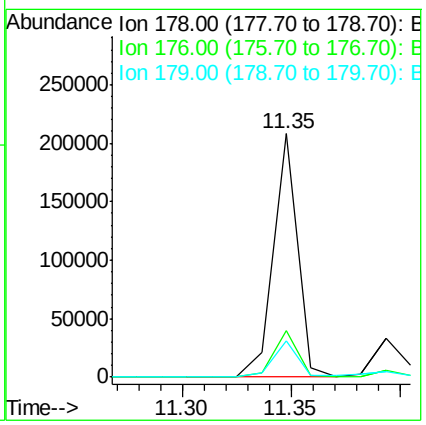


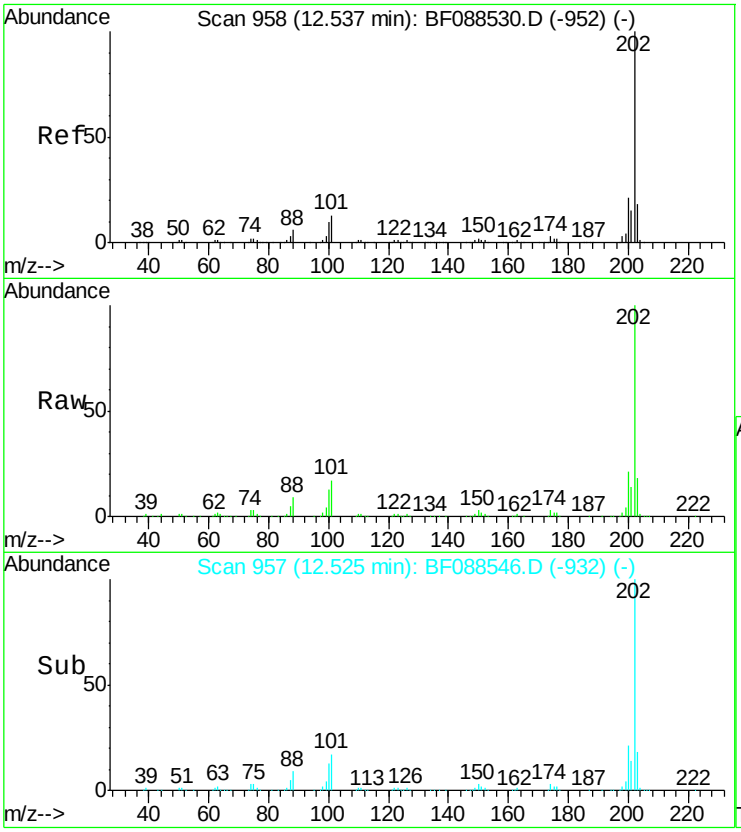


#70
Phenanthrene
Concen: 4.73 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:178 Resp: 163395

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.1	13.0	19.4



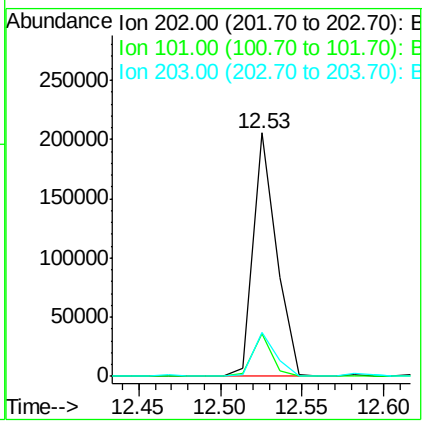


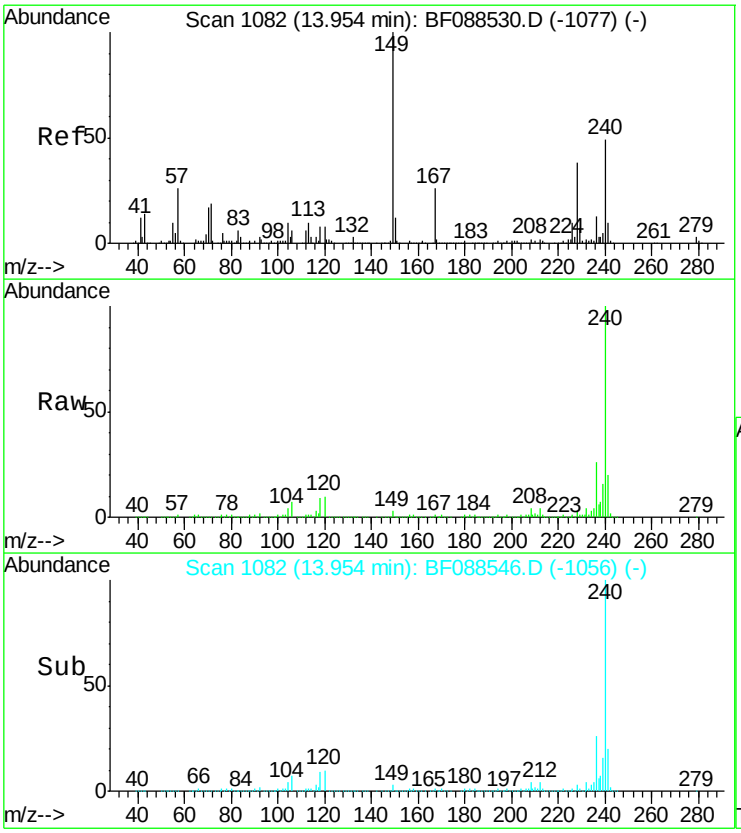
#74
Fluoranthene
Concen: 5.80 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:202 Resp: 203187

Ion	Ratio	Lower	Upper
202	100		
101	17.5	0.0	33.1
203	17.9	0.0	38.1

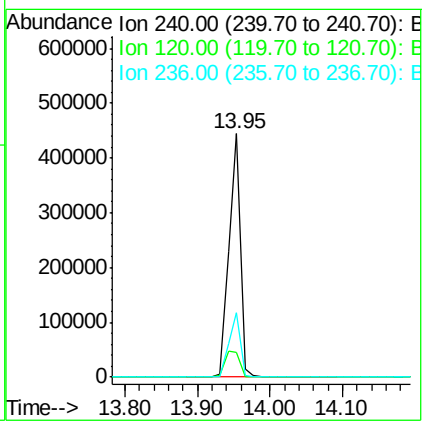


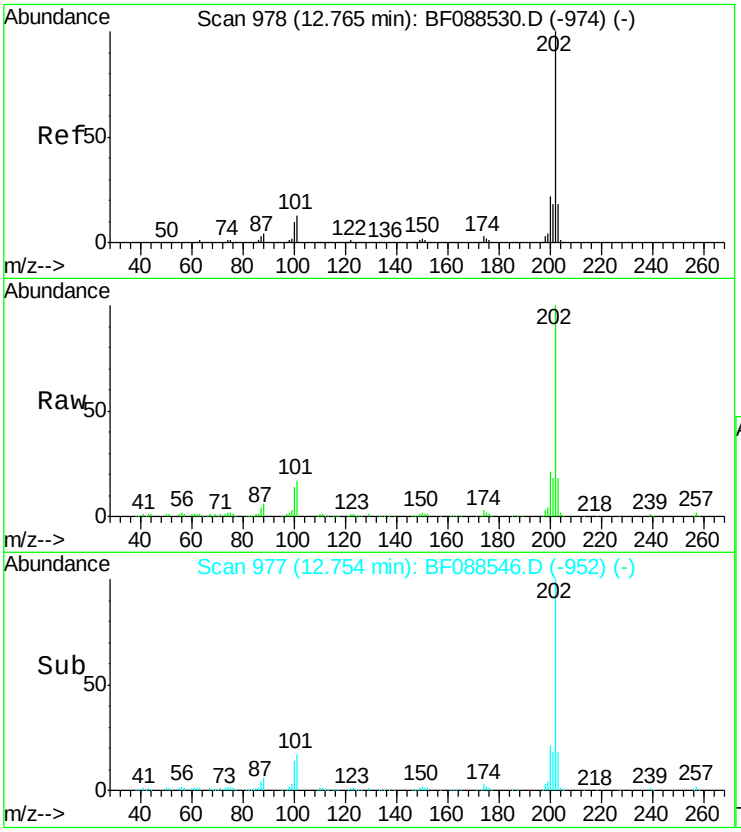


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:240 Resp: 482892

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	26.3	20.2	30.2



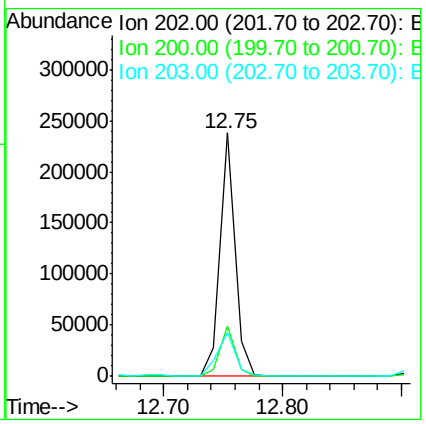


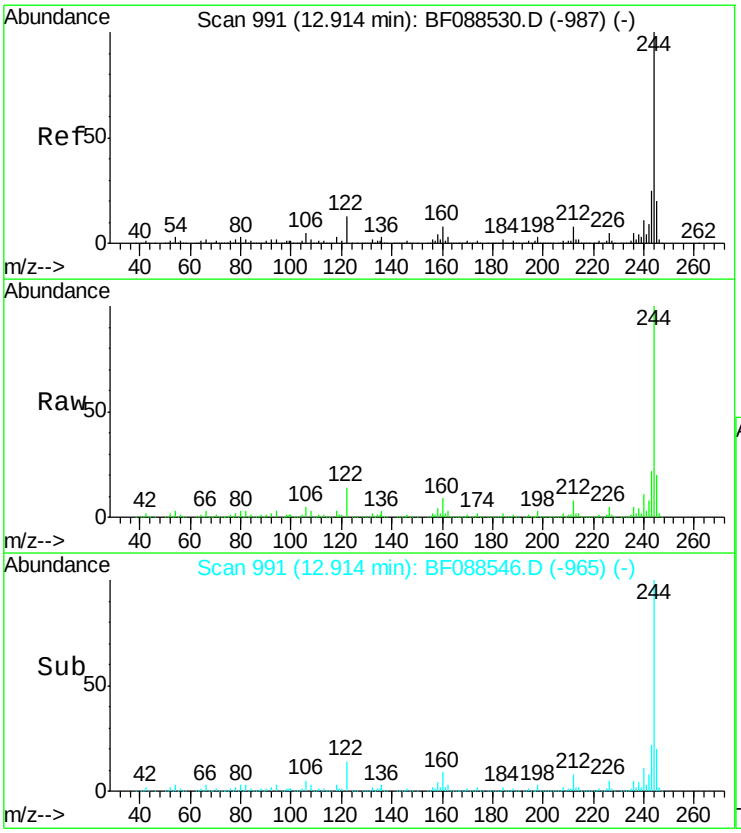
#77
Pyrene
Concen: 5.10 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:202 Resp: 208995

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.3	14.5	21.7

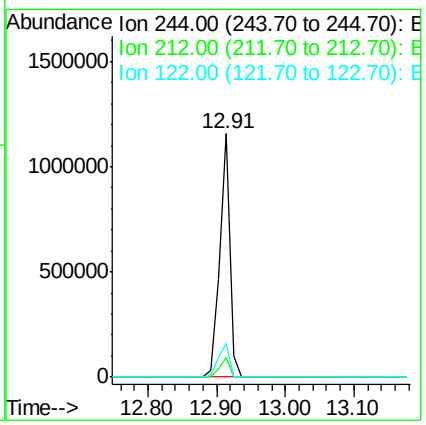


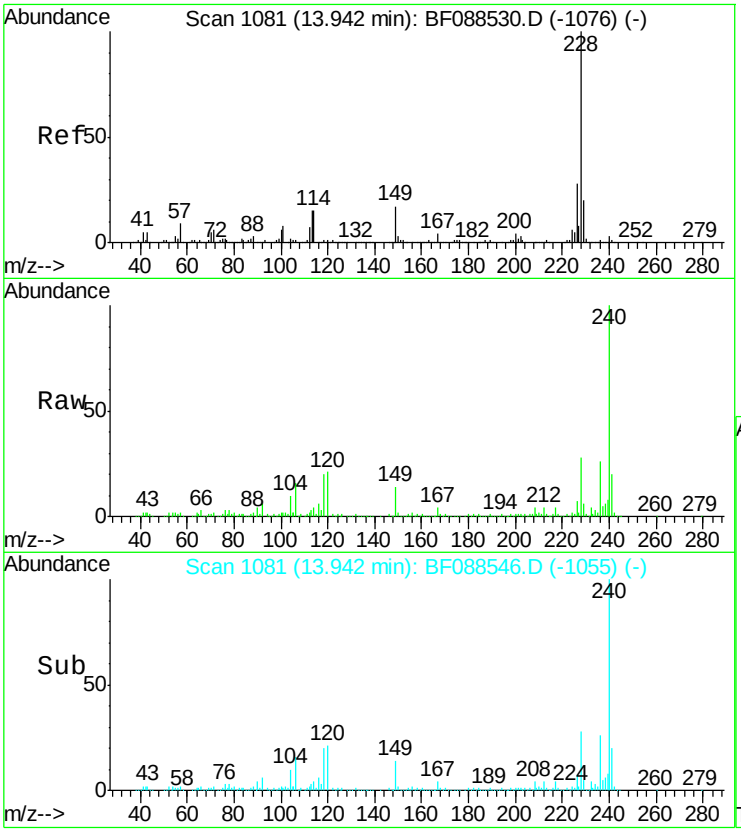


#78
Terphenyl-d14
Concen: 55.74 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:244 Resp: 1208523

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.8	11.2	16.8



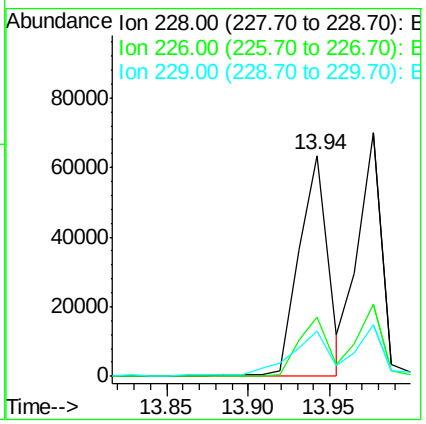


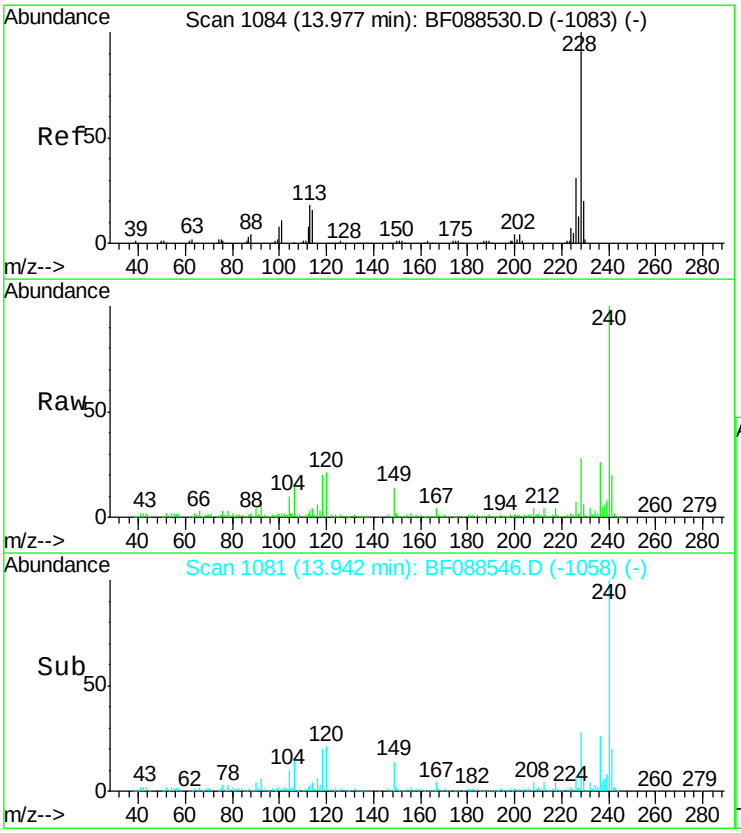
#80
Benzo(a)anthracene
Concen: 2.53 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:228 Resp: 78677

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	20.4	16.0	24.0

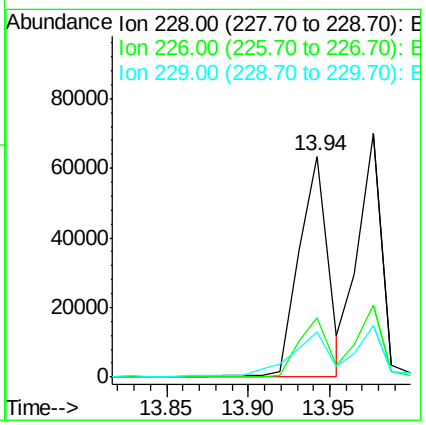


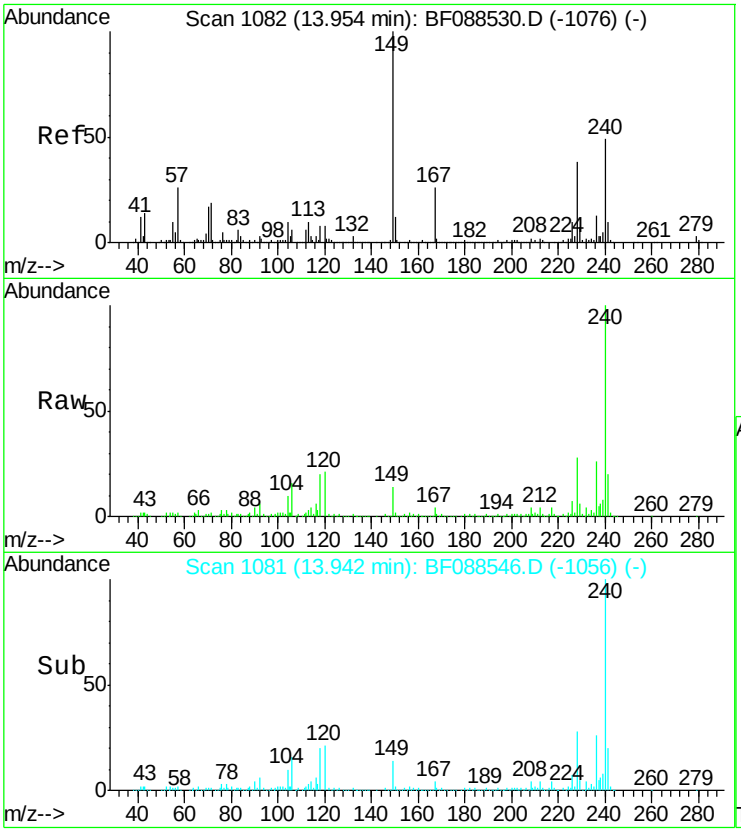


#82
Chrysene
Concen: 2.56 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:228 Resp: 78677

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.4	38.2
229	20.4	16.3	24.5



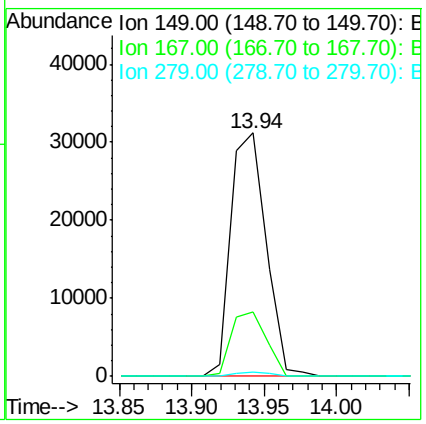


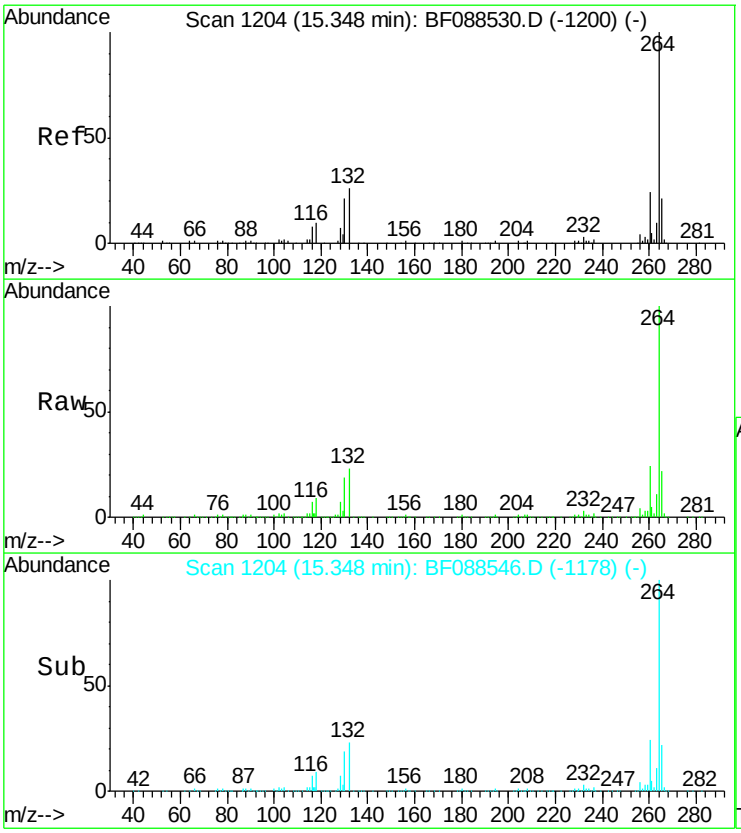
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.53 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:149 Resp: 52734

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.5	30.7
279	1.9	2.0	3.0#

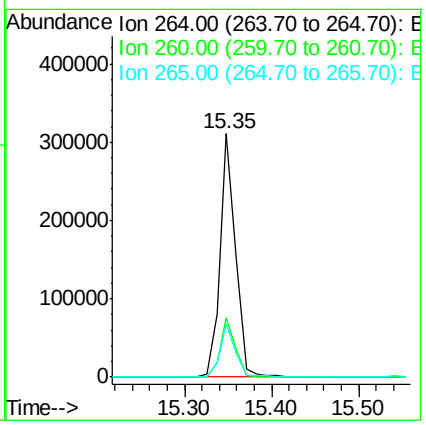


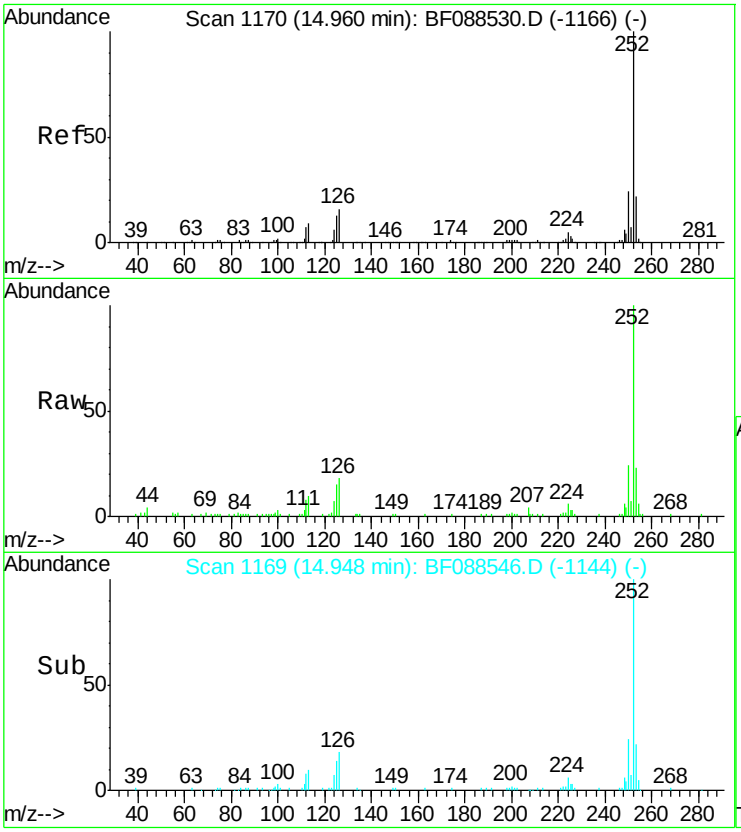


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:264 Resp: 387526

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	16.9	25.3



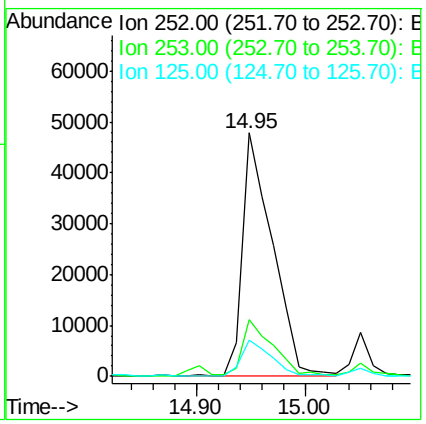


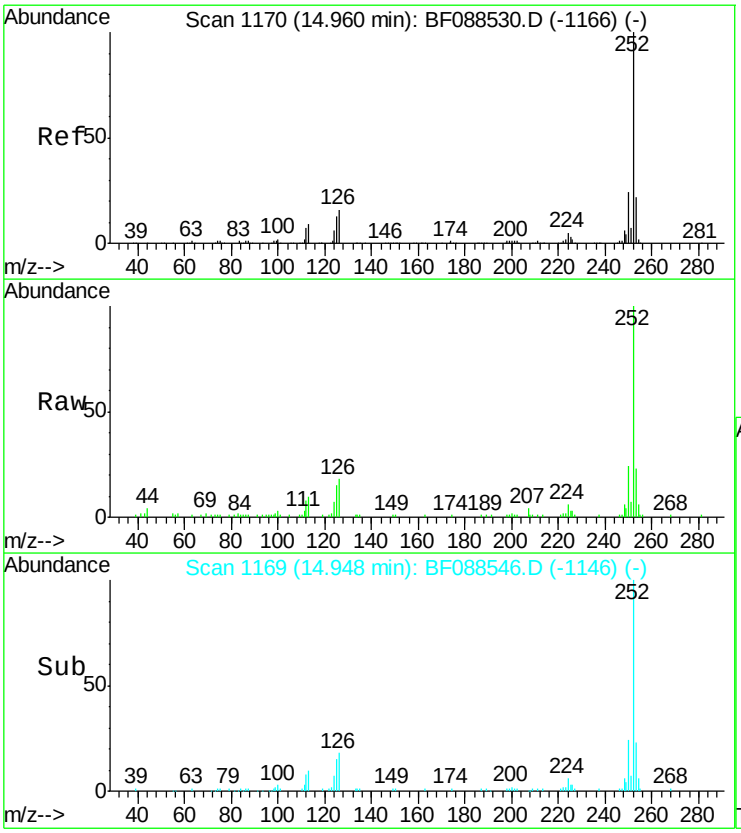
#87
Benzo(b)fluoranthene
Concen: 3.77 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-5D(9-11)

Tgt Ion:252 Resp: 91542

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	14.9	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 4.33 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088546.D
Acq: 30 Jun 2016 23:23

Tgt Ion:252 Resp: 91542

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	14.9	11.2	16.8