Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091277.D
Acq On : 23 Nov 2016 15:51
Operator : UM/SJ
Sample : H5723-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-13-8HCOMP-1

Quant Time: Nov 23 23:58:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193691	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	699015	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	400587	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	558905	20.00	ng		0.00
75) Chrysene-d12	14.03	240	532001	20.00	ng		-0.01
86) Perylene-d12	15.47	264	460114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	282410	23.43	ng		-0.01
7) Phenol-d6	6.49	99	356565	23.02	ng		-0.01
23) Nitrobenzene-d5	7.44	82	206666	17.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	78581	19.45	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	423269	17.30	ng		0.00
78) Terphenyl-d14	12.98	244	557028	23.91	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	890	Below Cal			89
19) n-Nitroso-di-n-propylamine	7.44	70	27392	2.82	ng	#	68
50) 2,6-Dinitrotoluene	9.92	165	51786	9.48	ng	#	17
56) 2,4-Dinitrotoluene	9.92	165	51777	7.49	ng	#	34
73) Di-n-butylphthalate	11.95	149	65624	2.15	ng		99
74) Fluoranthene	12.60	202	102690	3.48	ng		98
77) Pyrene	12.83	202	115507	2.94	ng		98
80) Benzo(a)anthracene	14.04	228	157379	5.21	ng		95
82) Chrysene	14.04	228	157379	5.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	57500	2.94	ng		96
87) Benzo(b)fluoranthene	15.05	252	73680	2.54	ng	#	85
88) Benzo(k)fluoranthene	15.05	252	73680	3.11	ng	#	85

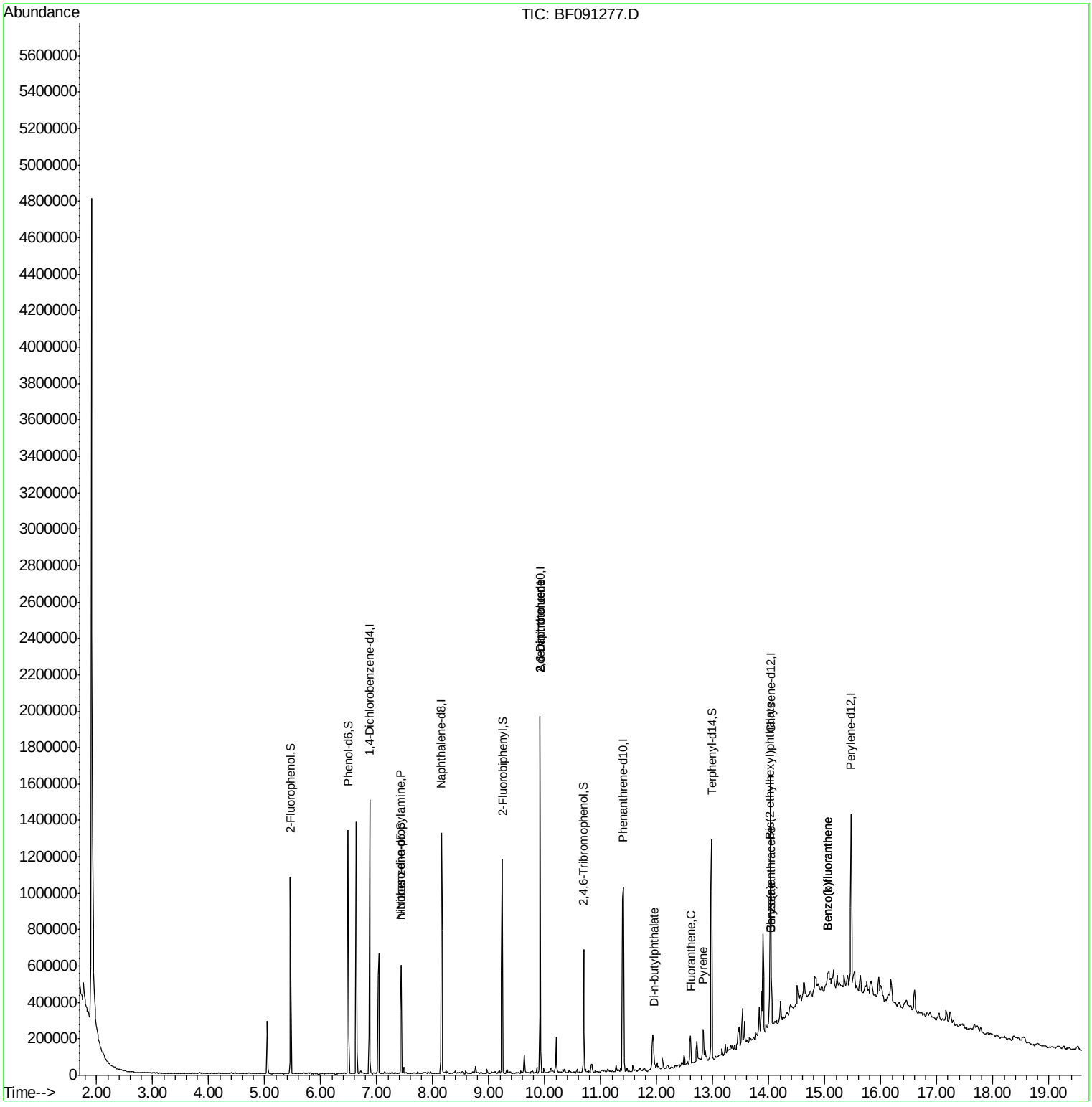
(#) = qualifier out of range (m) = manual integration (+) = signals summed

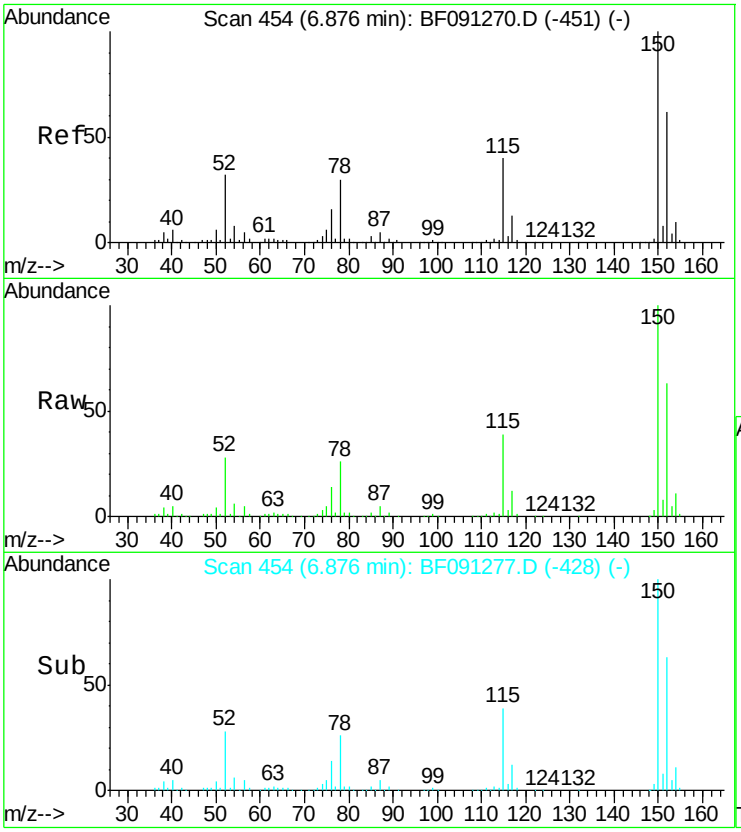
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091277.D
Acq On : 23 Nov 2016 15:51
Operator : UM/SJ
Sample : H5723-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Quant Time: Nov 23 23:58:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration



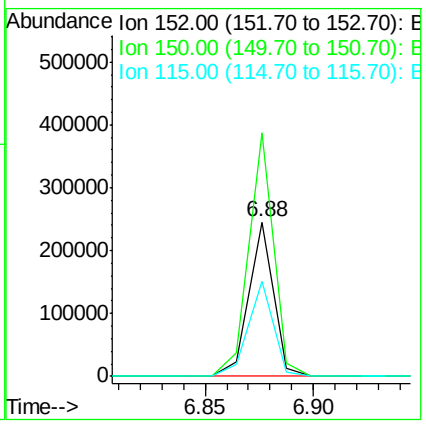


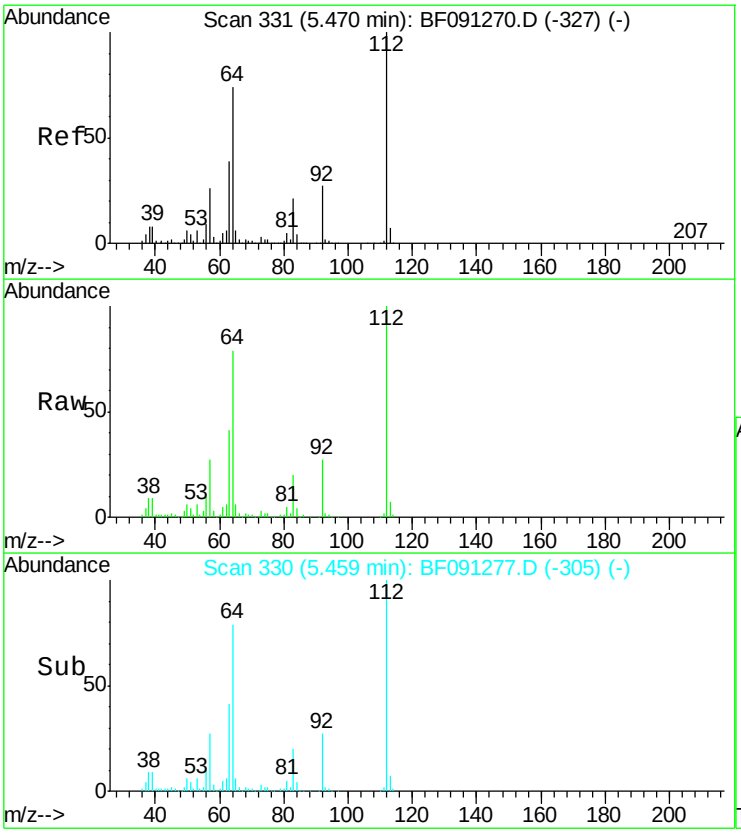
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:152 Resp: 193691

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.5	183.7
115	61.4	51.8	77.8

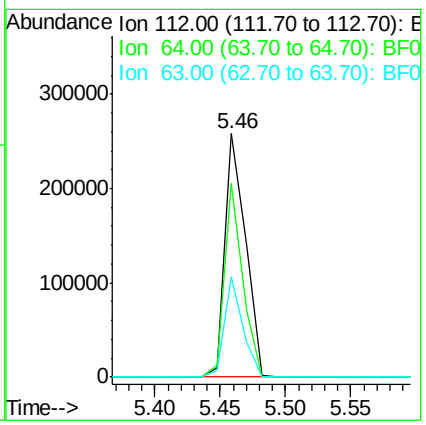


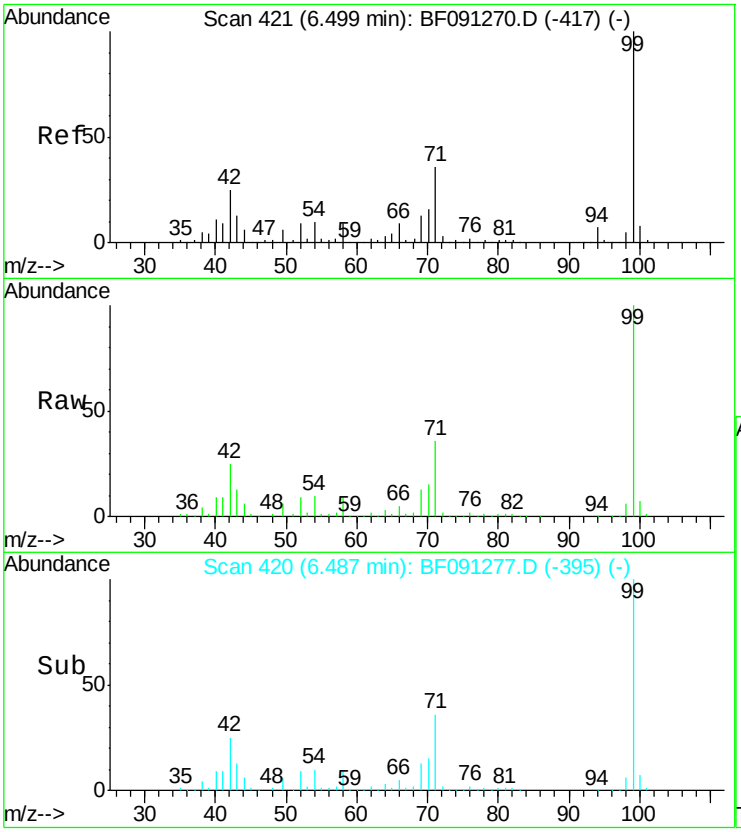


#5
2-Fluorophenol
Concen: 23.43 ng
RT: 5.46 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:112 Resp: 282410

Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.5	92.3
63	41.3	33.3	49.9



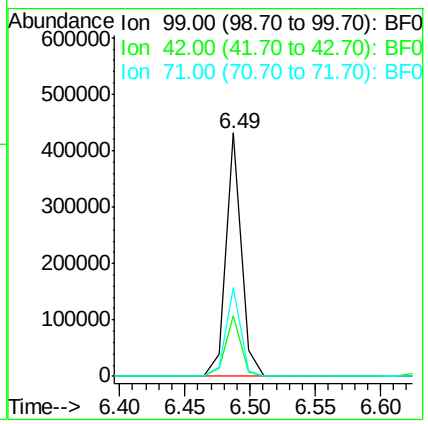


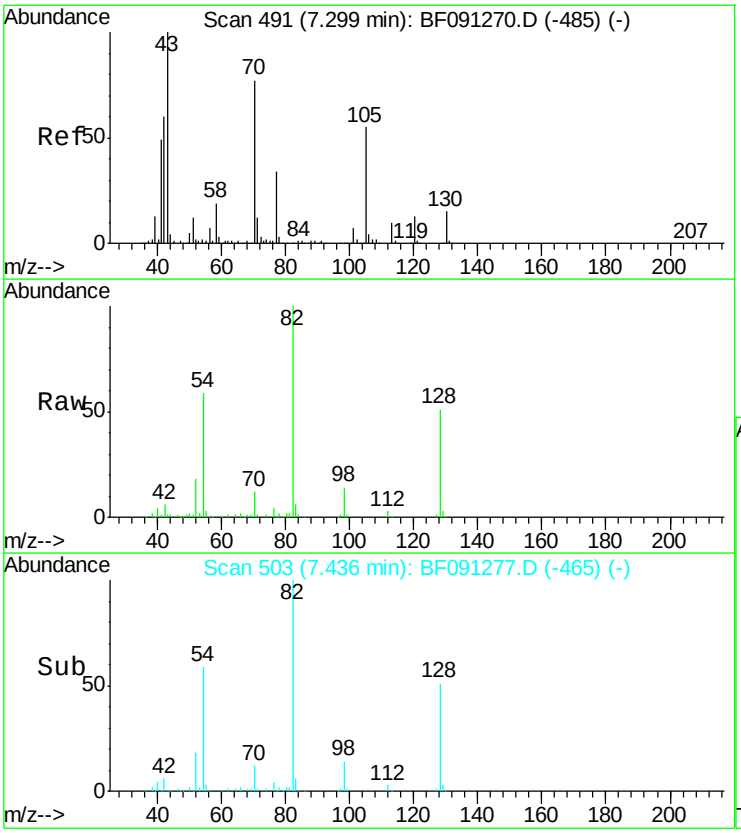
#7
Phenol-d6
Concen: 23.02 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion: 99 Resp: 356565

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.6	31.0
71	36.3	29.9	44.9

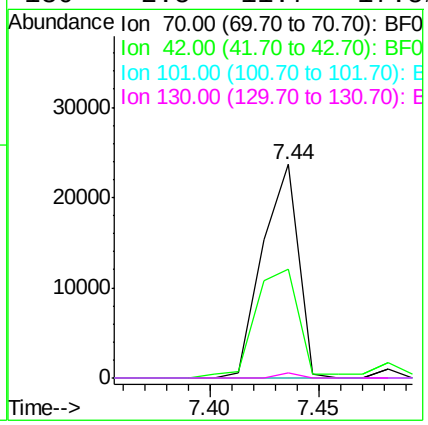


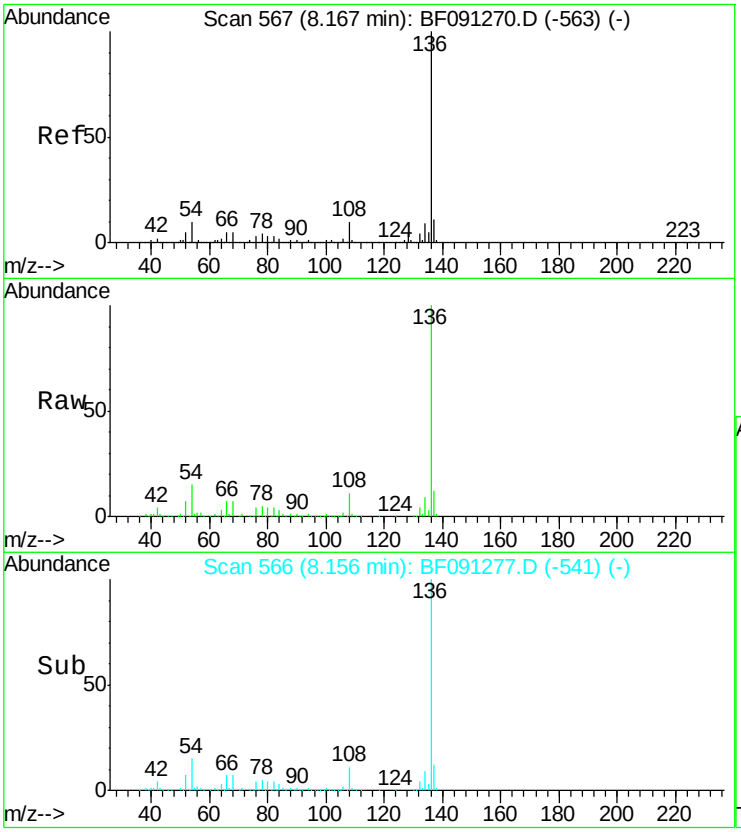


#19
n-Nitroso-di-n-propylamine
Concen: 2.82 ng
RT: 7.44 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion: 70 Resp: 27392

Ion	Ratio	Lower	Upper
70	100		
42	50.9	64.8	97.2#
101	0.0	6.2	9.4#
130	2.5	11.7	17.5#



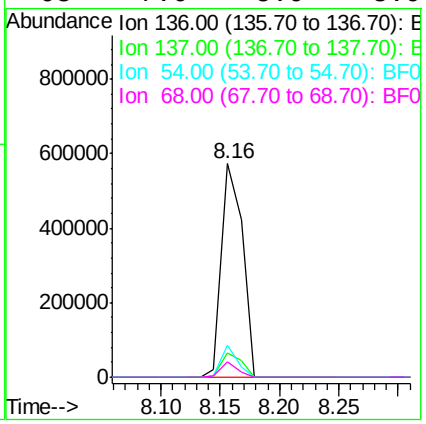


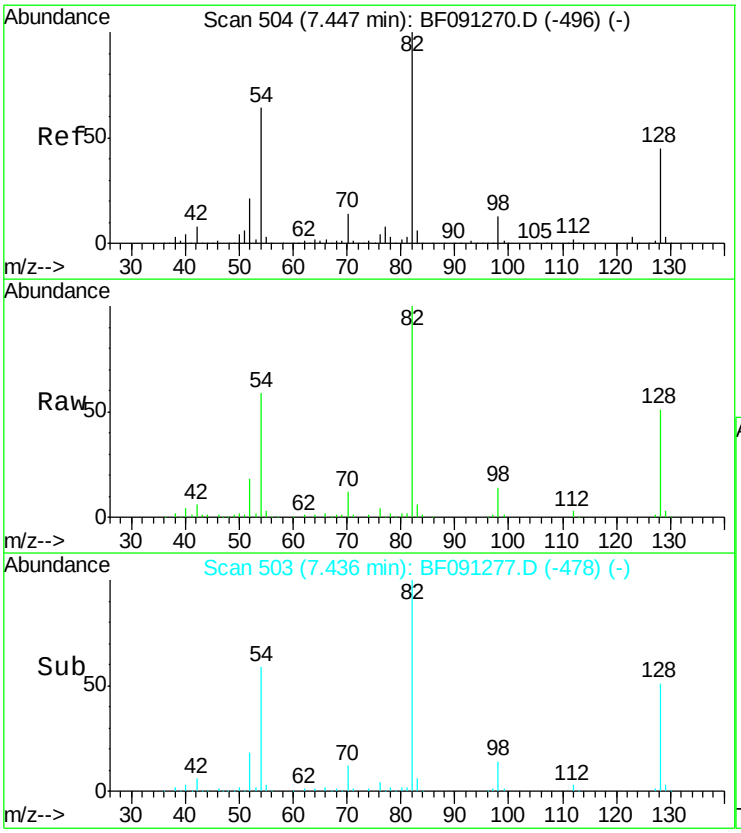
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:136 Resp: 699015

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	14.9	9.1	13.7#
68	7.0	5.9	8.9

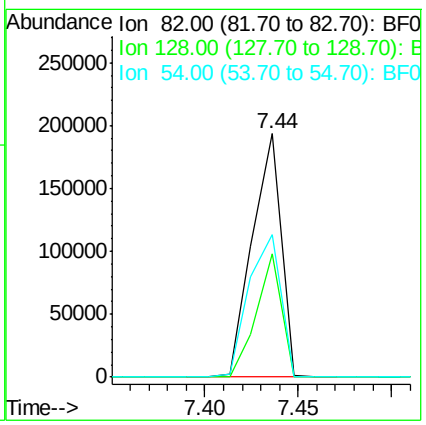


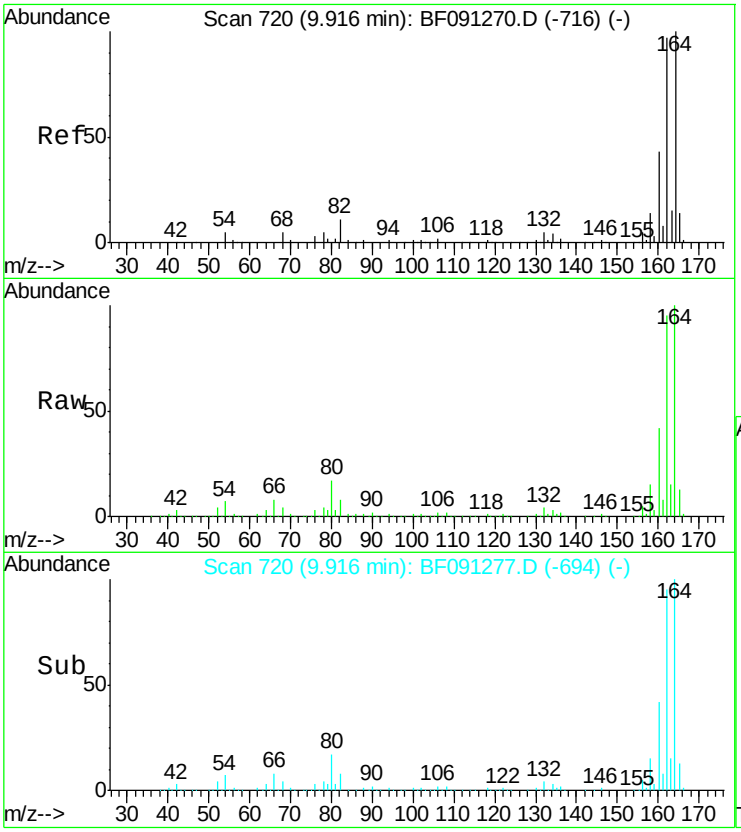


#23
Nitrobenzene-d5
Concen: 17.02 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion: 82 Resp: 206666

Ion	Ratio	Lower	Upper
82	100		
128	50.6	31.8	47.6#
54	58.7	49.1	73.7



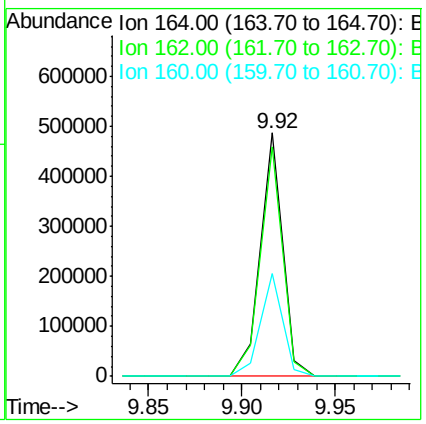


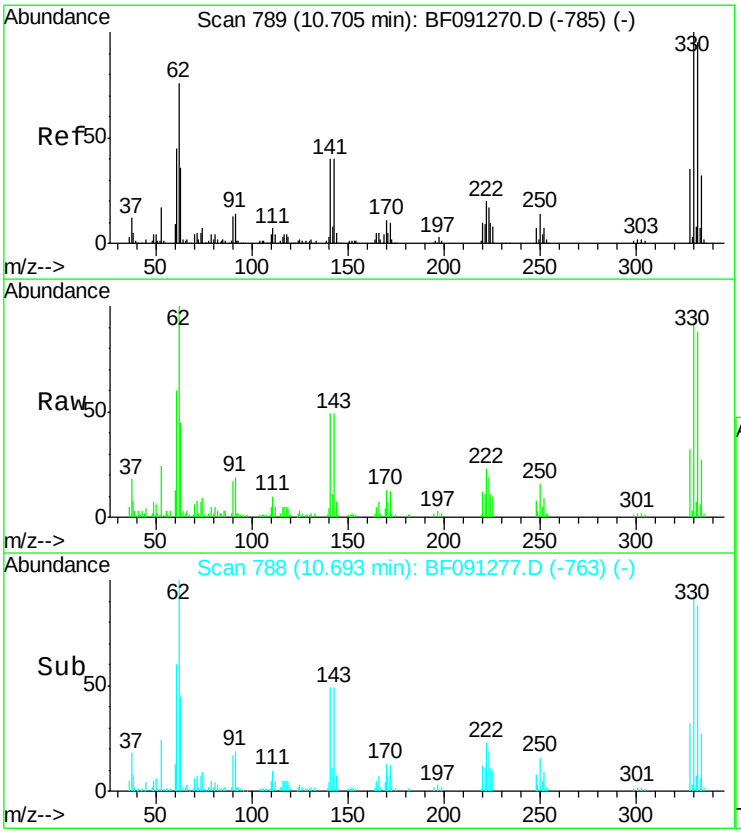
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:164 Resp: 400587

Ion	Ratio	Lower	Upper
164	100		
162	94.5	82.6	124.0
160	42.2	36.7	55.1

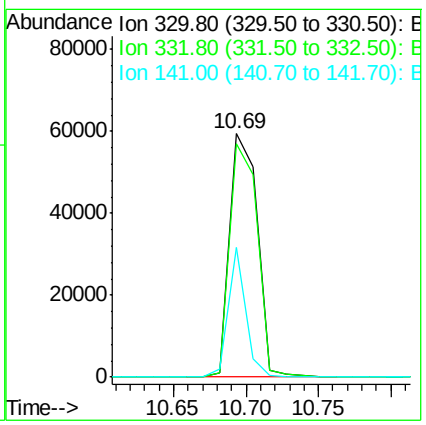


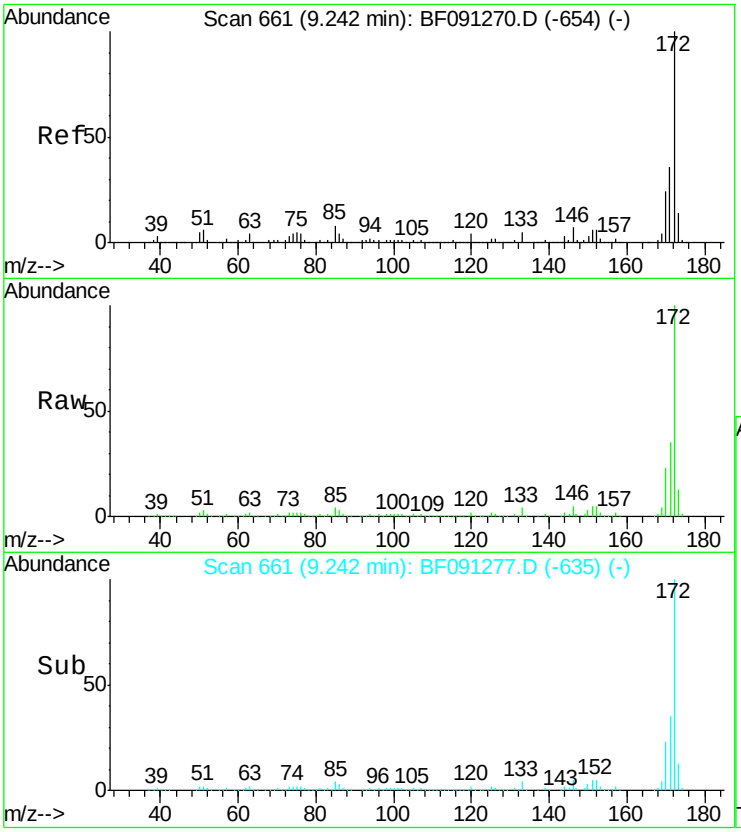


#41
2,4,6-Tribromophenol
Concen: 19.45 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:330 Resp: 78581

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	33.8	33.6	50.4



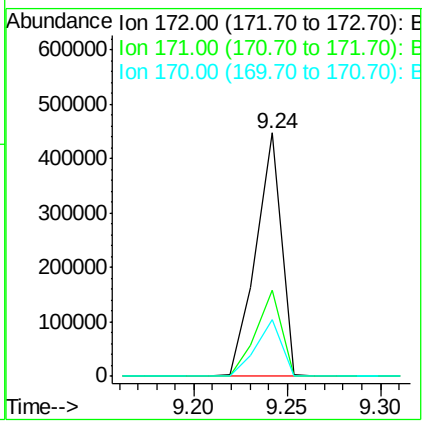


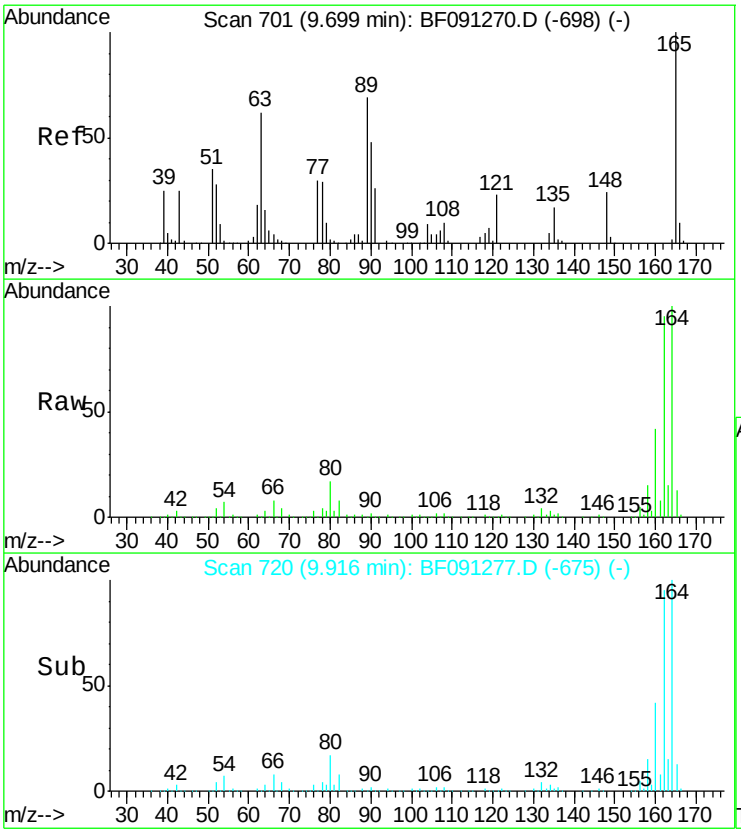
#44
2-Fluorobiphenyl
Concen: 17.30 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:172 Resp: 423269

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.1	19.7	29.5

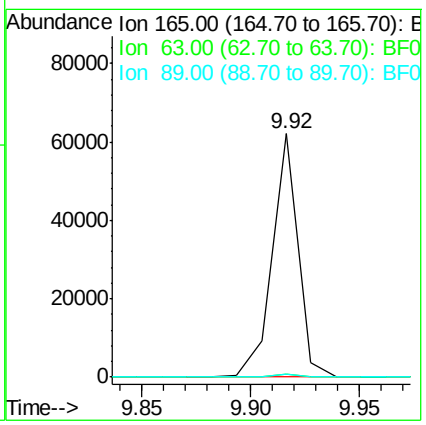


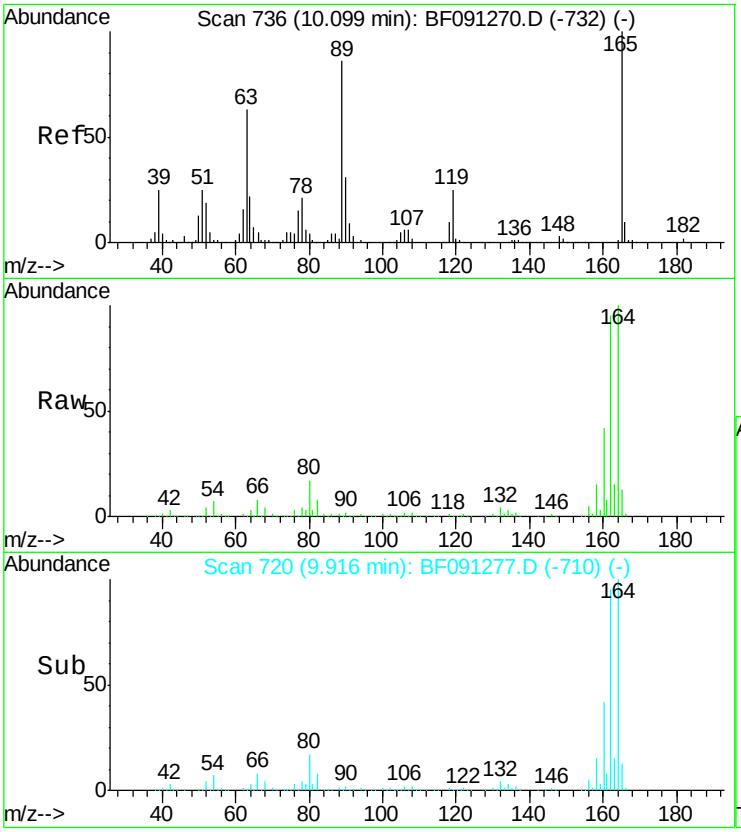


#50
2,6-Dinitrotoluene
Concen: 9.48 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:165 Resp: 51786

Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	1.2	50.8	76.2#



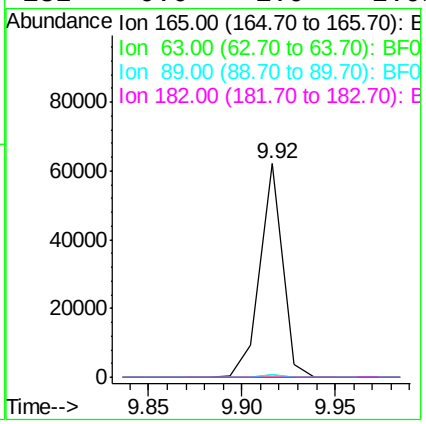


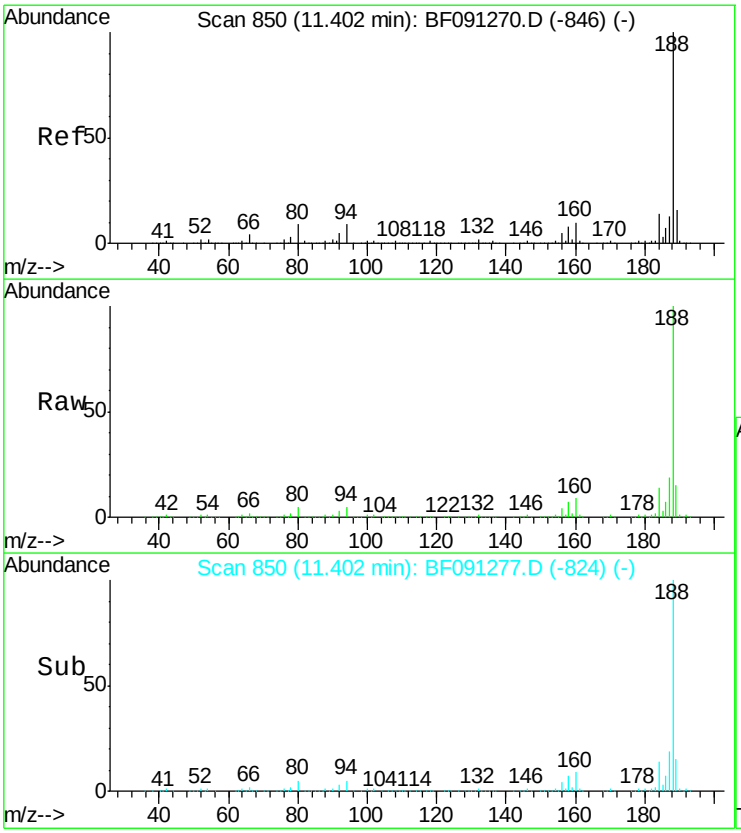
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:165 Resp: 51777

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

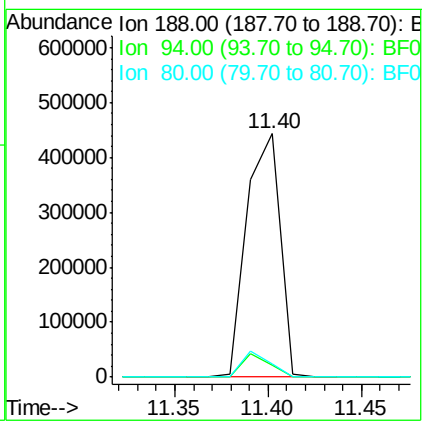


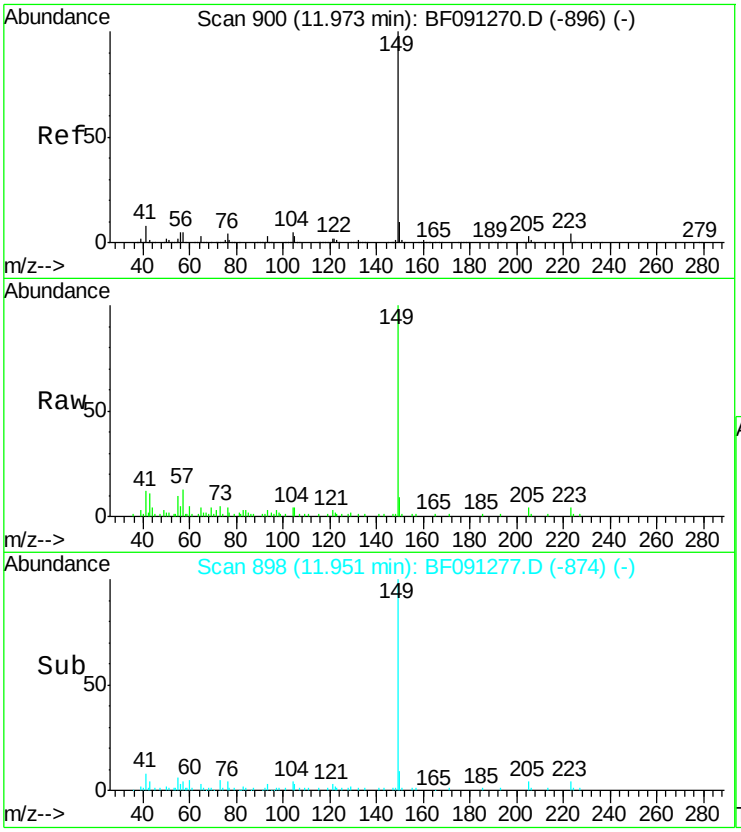


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:188 Resp: 558905

Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.2	13.8#
80	5.3	10.5	15.7#



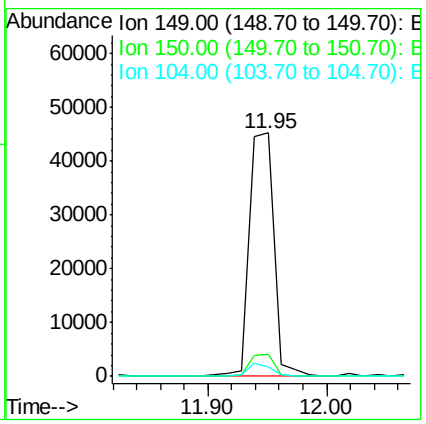


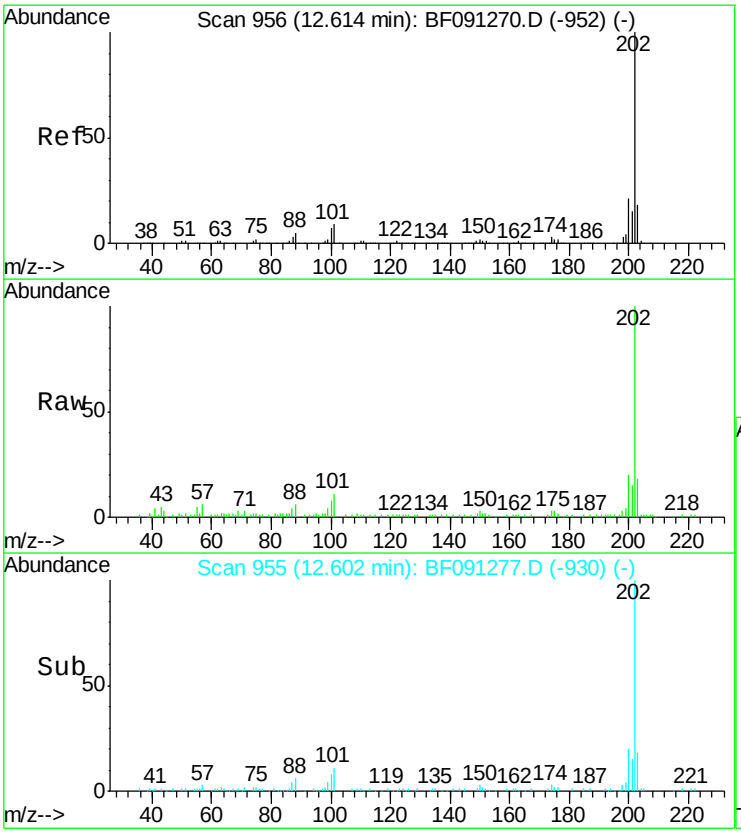
#73
Di-n-butylphthalate
Concen: 2.15 ng
RT: 11.95 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:149 Resp: 65624

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.1	4.0	6.0

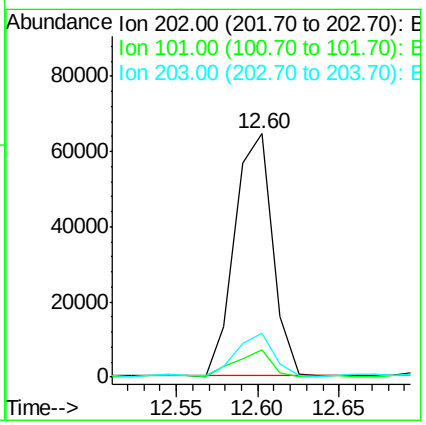


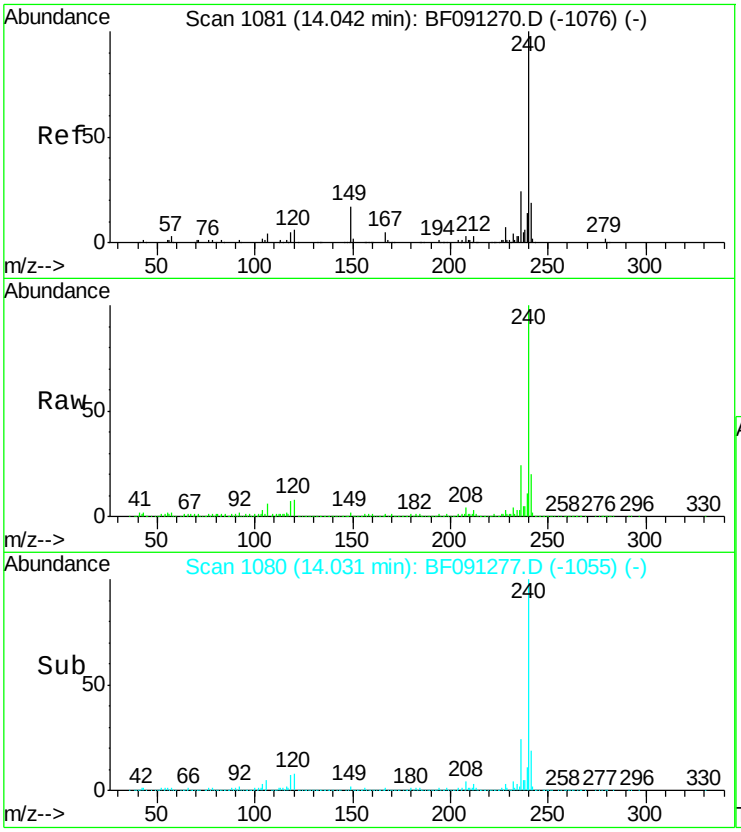


#74
Fluoranthene
Concen: 3.48 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:202 Resp: 102690

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.5
203	18.3	0.0	37.8



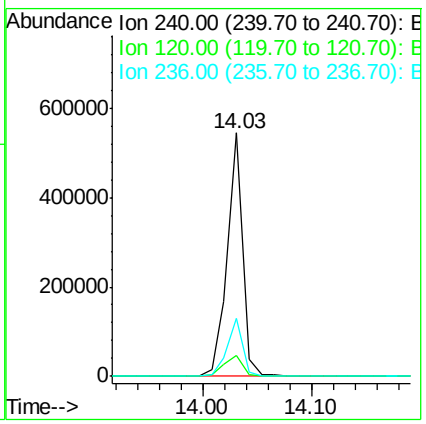


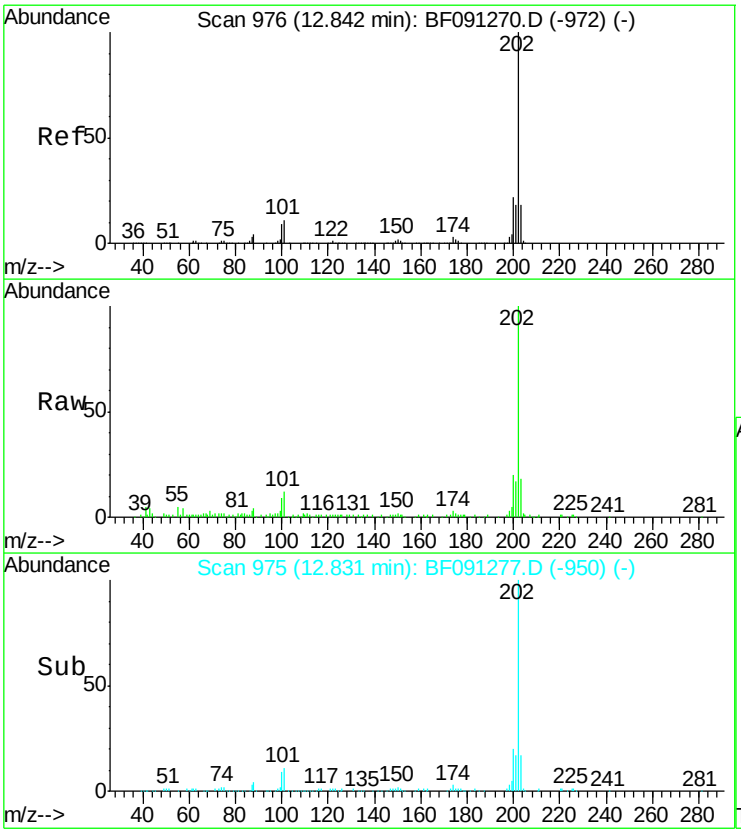
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:240 Resp: 532001

Ion	Ratio	Lower	Upper
240	100		
120	8.4	12.1	18.1#
236	24.1	21.0	31.6

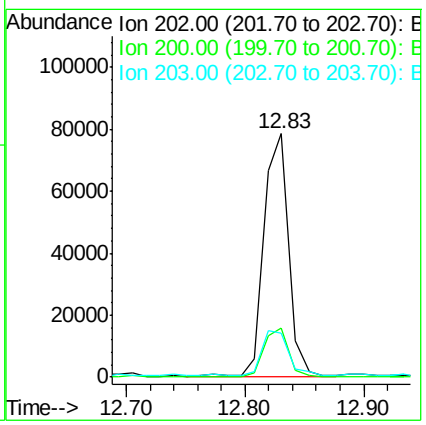


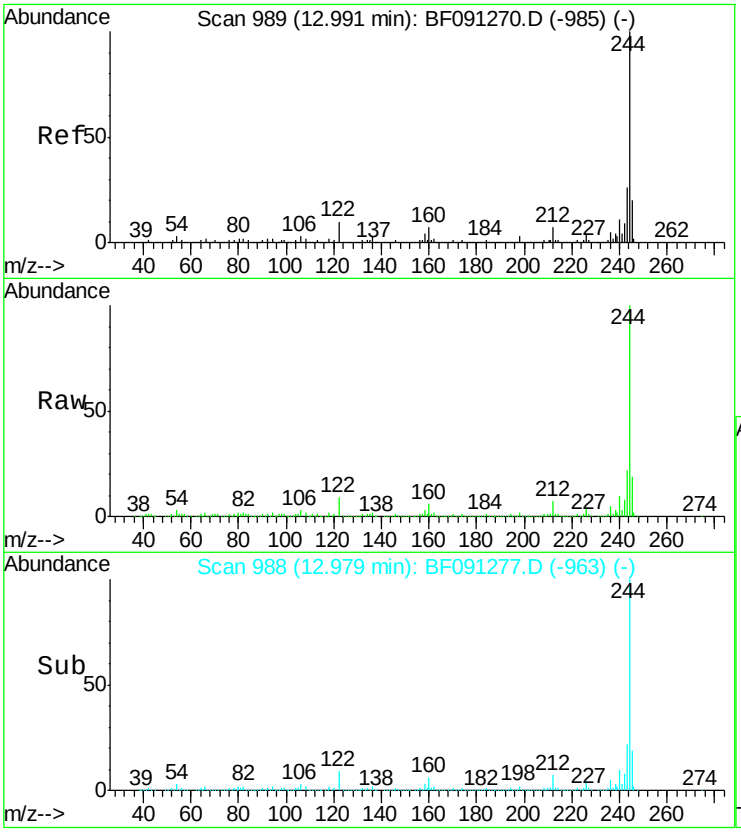


#77
Pyrene
Concen: 2.94 ng
RT: 12.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:202 Resp: 115507

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.8	14.0	21.0



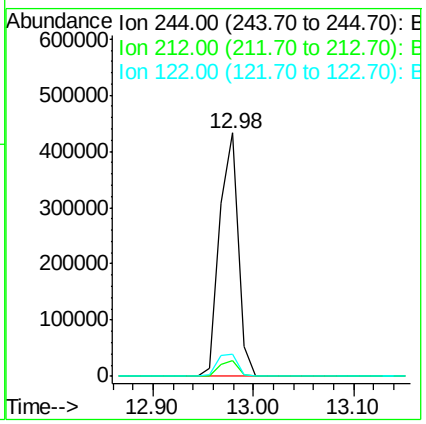


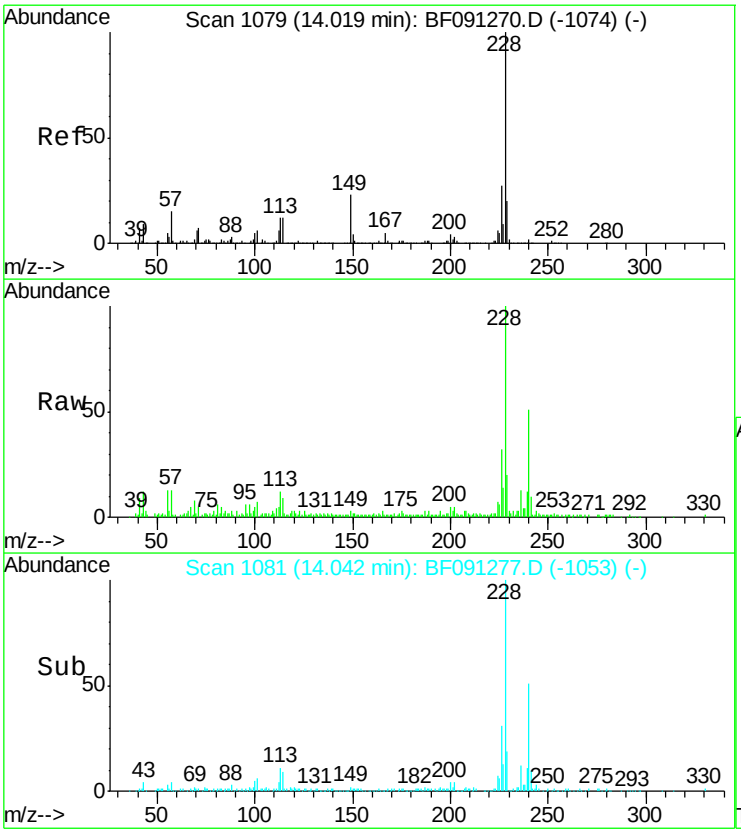
#78
Terphenyl-d14
Concen: 23.91 ng
RT: 12.98 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:244 Resp: 557028

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.5	9.7
122	8.9	9.5	14.3#

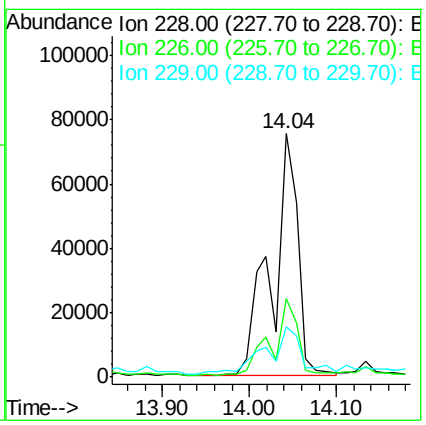


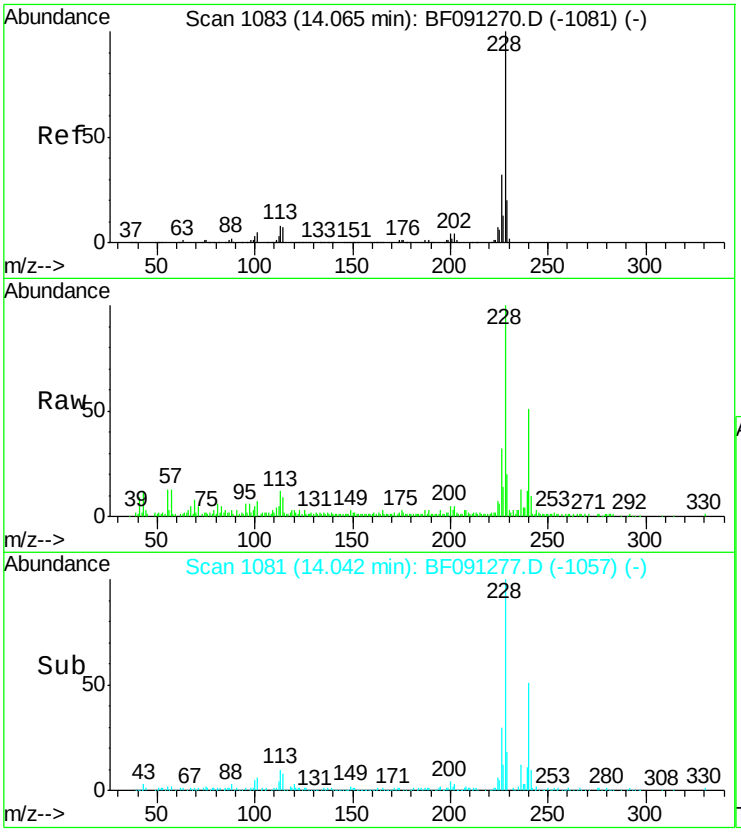


#80
Benzo(a)anthracene
Concen: 5.21 ng
RT: 14.04 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:228 Resp: 157379

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.5	33.7
229	20.5	16.4	24.6



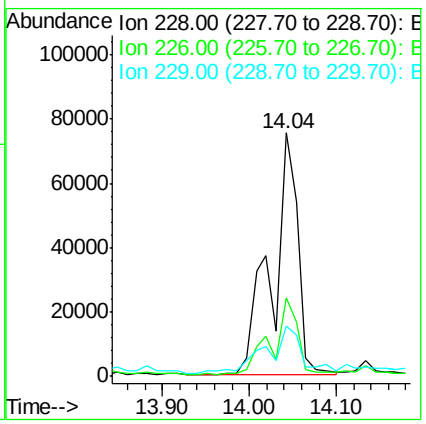


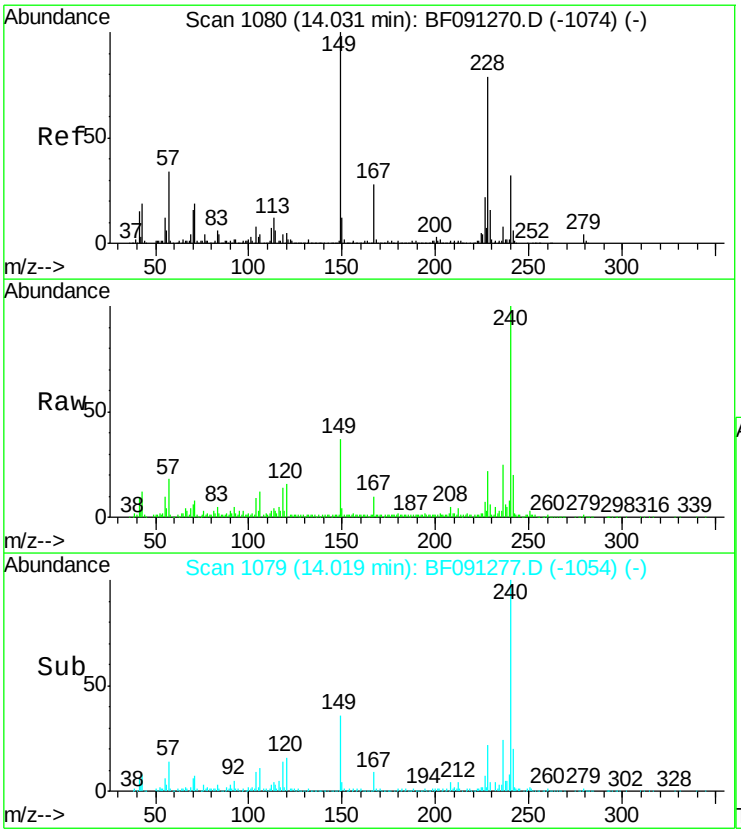
#82
Chrysene
Concen: 5.52 ng
RT: 14.04 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:228 Resp: 157379

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.4
229	20.5	16.0	24.0

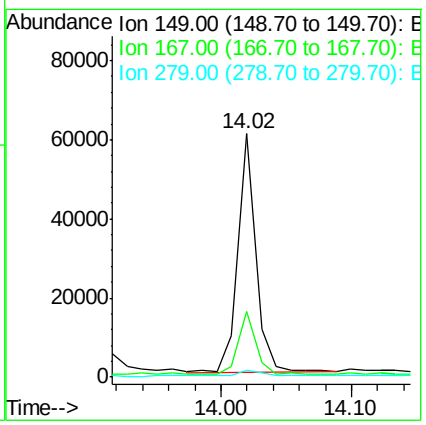


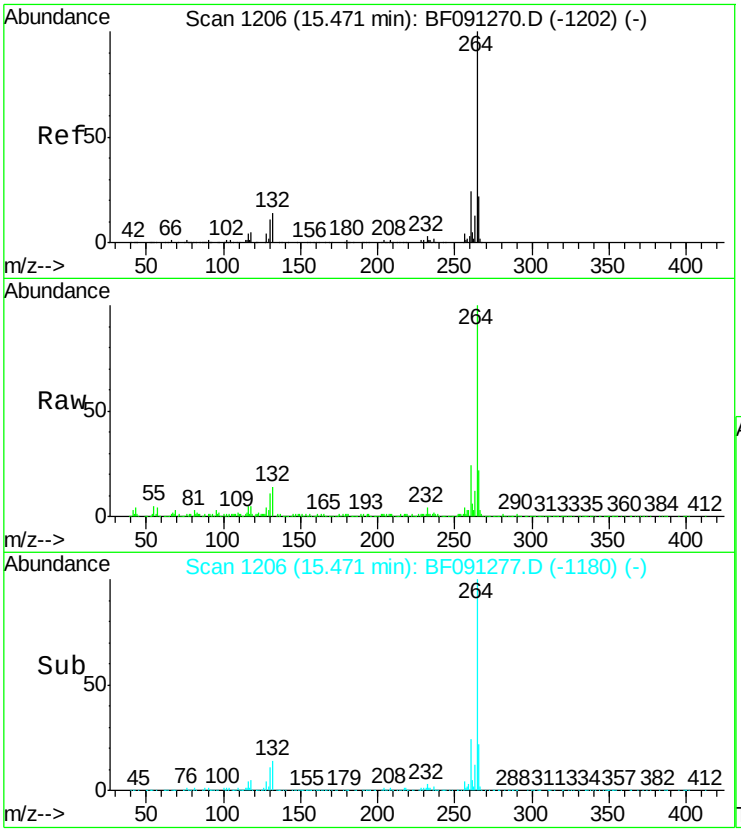


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.94 ng
RT: 14.02 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:149 Resp: 57500

Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.6	29.4
279	2.9	1.9	2.9



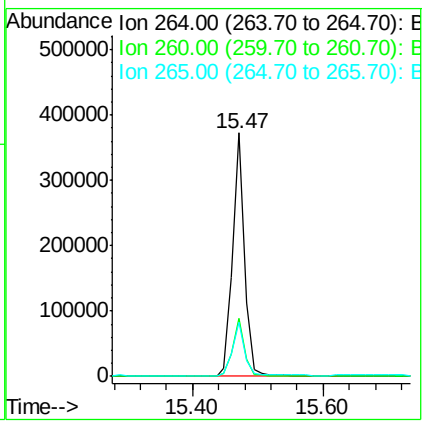


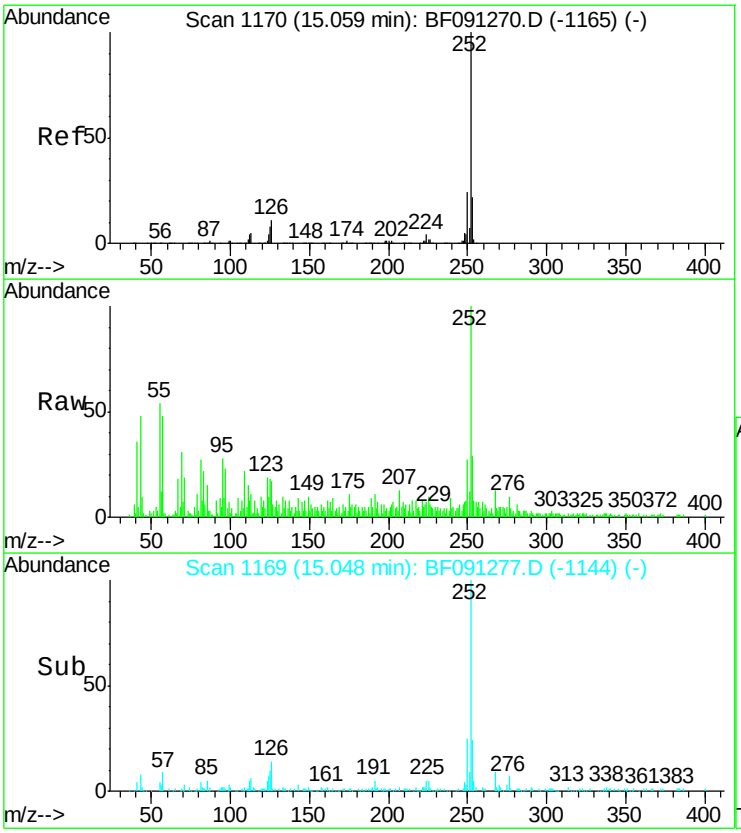
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:264 Resp: 460114

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.3	17.0	25.6

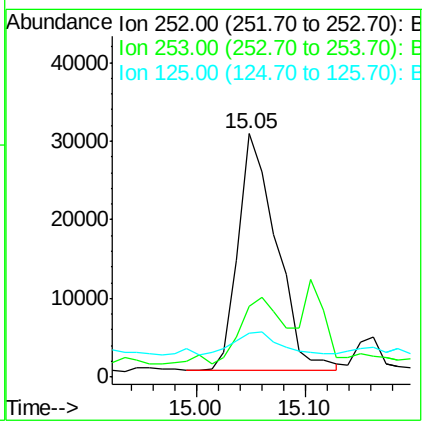


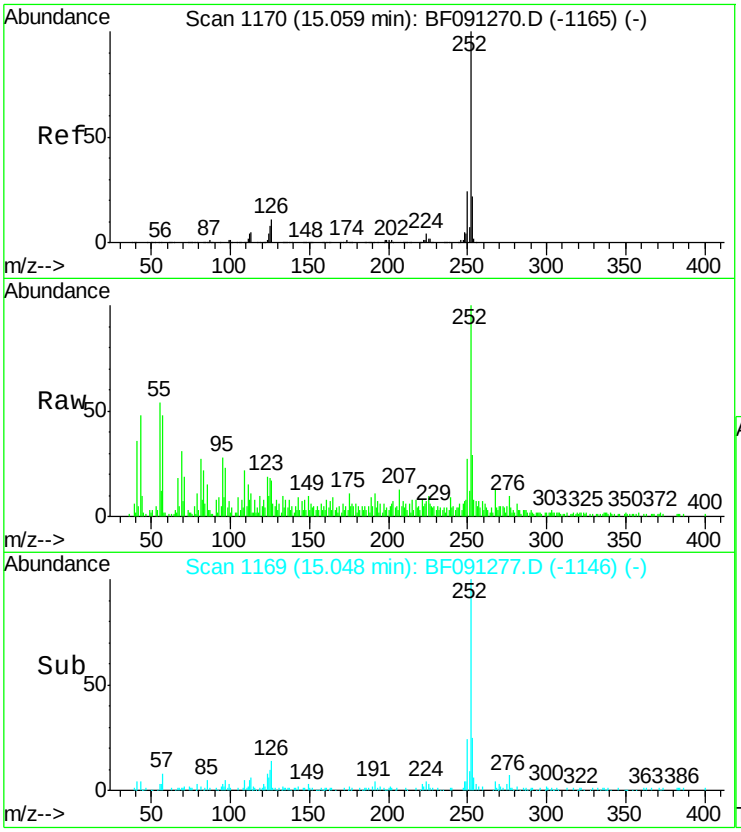


#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 15.05 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion:252 Resp: 73680

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.2	27.2#
125	18.0	8.6	13.0#





#88
Benzo(k)fluoranthene
Concen: 3.11 ng
RT: 15.05 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

Tgt Ion:252 Resp: 73680

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.8	26.8#
125	18.0	9.6	14.4#