Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Quant Time: Jan 10 06:24:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	134015	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	471011	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	232601	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	364134	20.00	ng		0.00
75) Chrysene-d12	13.80	240	218079	20.00	ng		0.01
86) Perylene-d12	15.17	264	172081	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	658685	82.07	ng		0.01
7) Phenol-d6	6.31	99	453141	46.24	ng		0.00
23) Nitrobenzene-d5	7.21	82	729548	86.13	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	223862	116.30	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1175662	106.88	ng		0.00
78) Terphenyl-d14	12.75	244	935255	104.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.31	77	821	Below Cal		#	1
18) Hexachloroethane	7.18	117	37735	10.26	ng	#	40
19) n-Nitroso-di-n-propylamine	7.21	70	97386	14.94	ng	#	71
25) Isophorone	7.21	82	702736	44.97	ng	#	65
37) 2-Methylnaphthalene	8.64	142	307	Below Cal		#	45
49) Dimethylphthalate	9.41	163	76537	5.14	ng		100
66) 4-Bromophenyl-phenylether	10.47	248	15608	4.12	ng	#	1
71) Anthracene	11.24	178	1064	Below Cal		#	59
73) Di-n-butylphthalate	11.73	149	6981	Below Cal		#	95
74) Fluoranthene	12.37	202	1304	Below Cal		#	50
76) Benzidine	12.48	184	1279	Below Cal		#	1
85) Indeno(1,2,3-cd)pyrene	16.45	276	39382	3.68	ng		96
90) Dibenzo(a,h)anthracene	16.46	278	27326	3.50	ng	#	84
91) Benzo(g,h,i)perylene	16.83	276	52991	6.52	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
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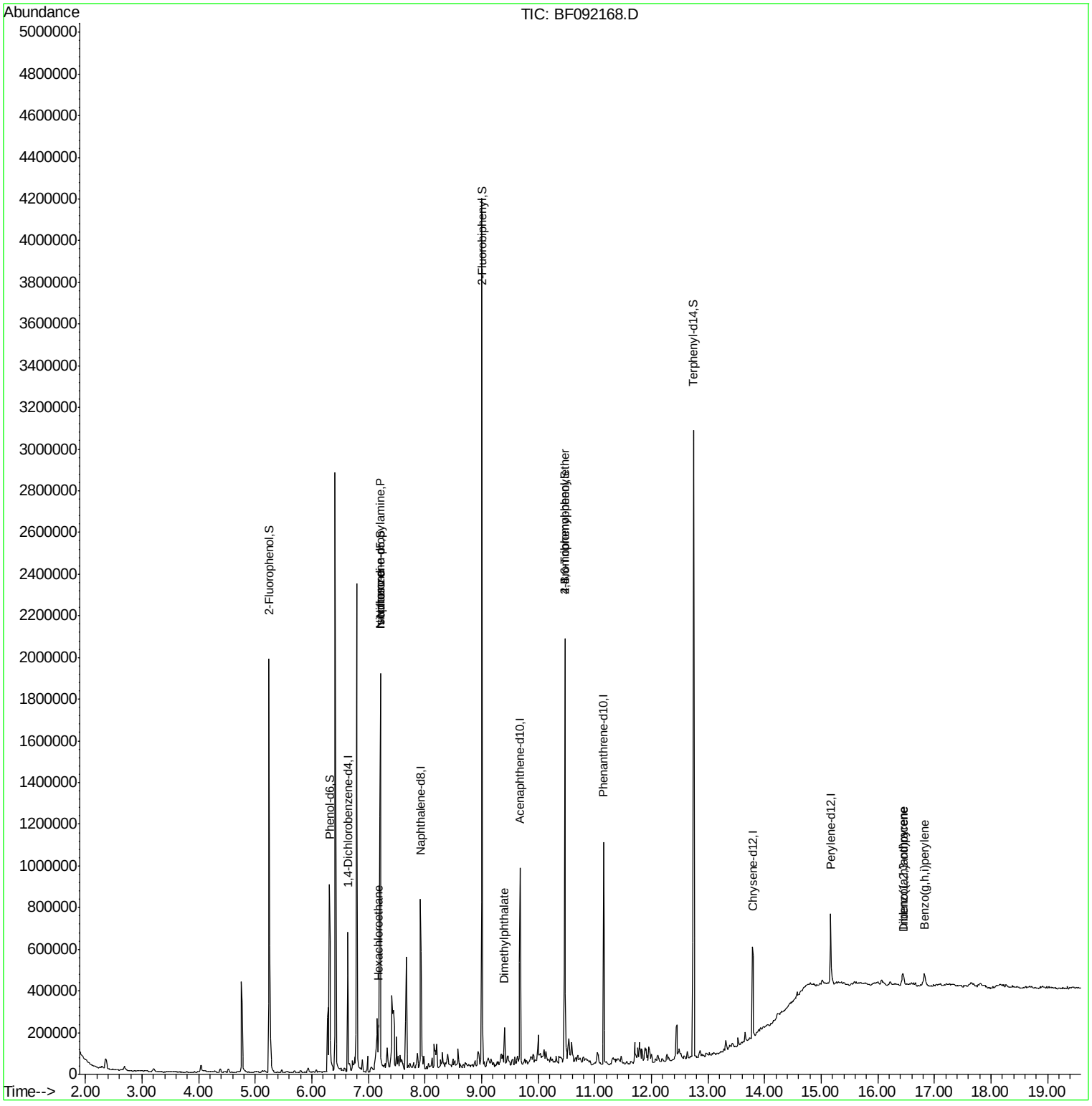
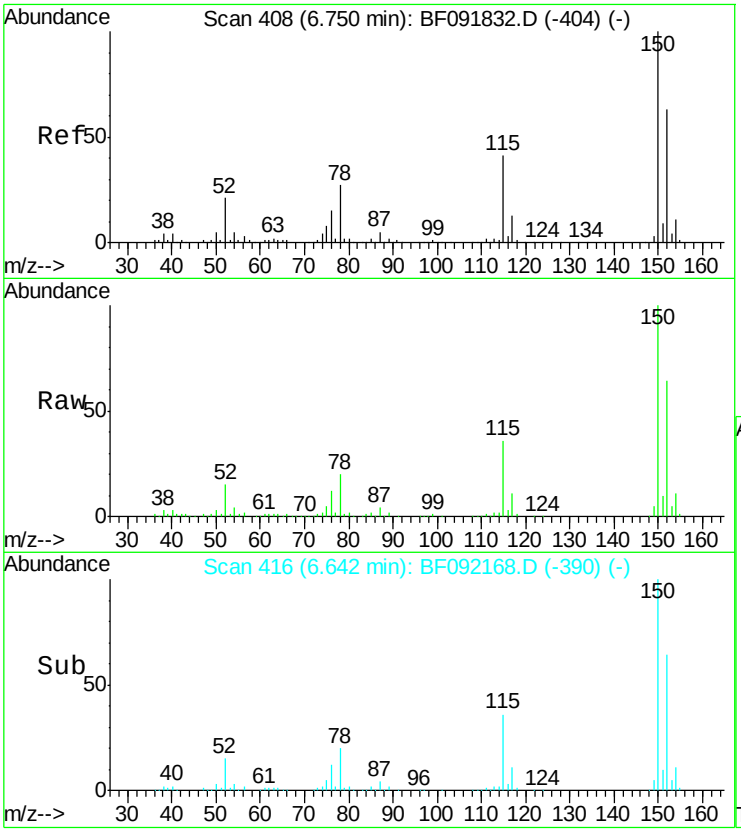
Quant Time: Jan 10 06:24:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



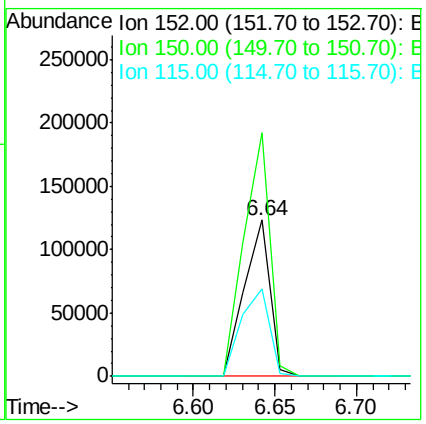


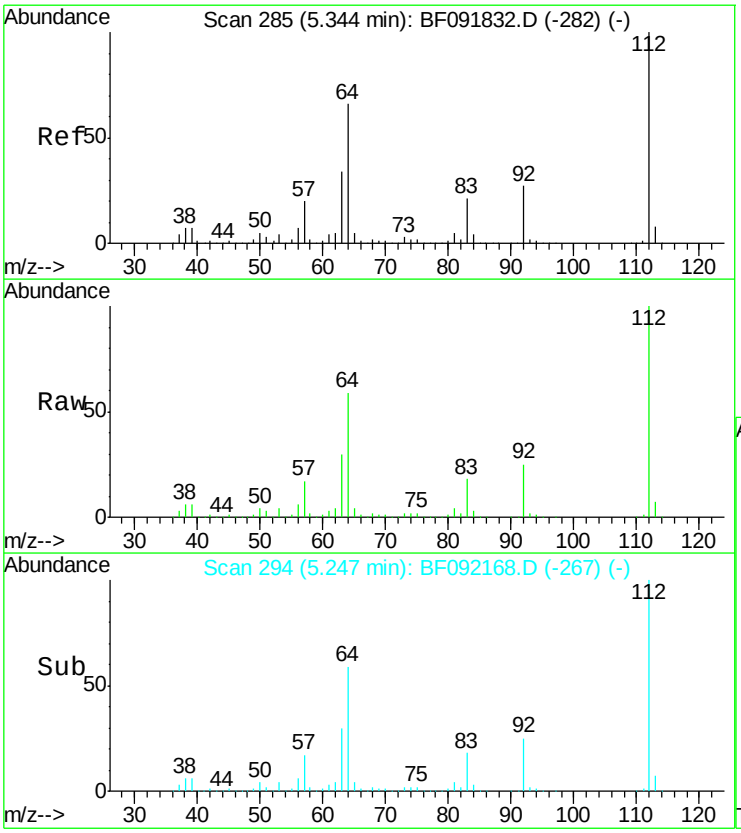
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:152 Resp: 134015

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	55.6	46.0	69.0

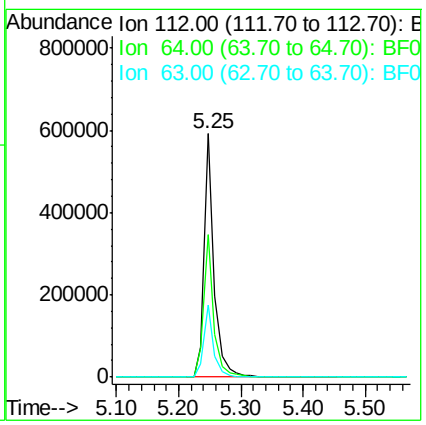


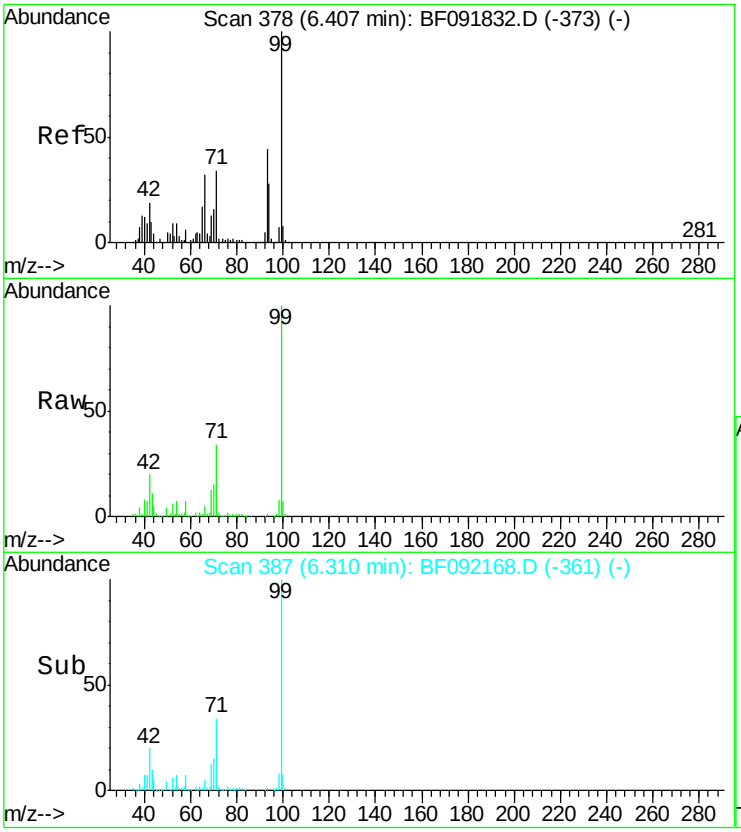


#5
2-Fluorophenol
Concen: 82.07 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:112 Resp: 658685

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.1	69.1
63	29.6	23.8	35.6



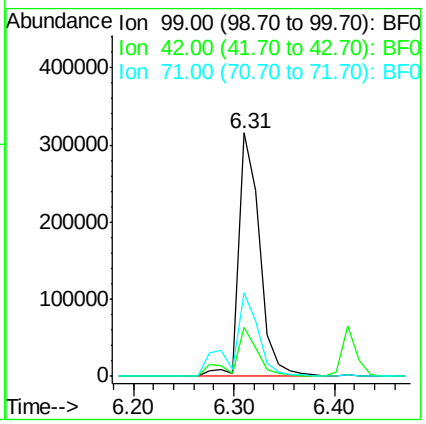


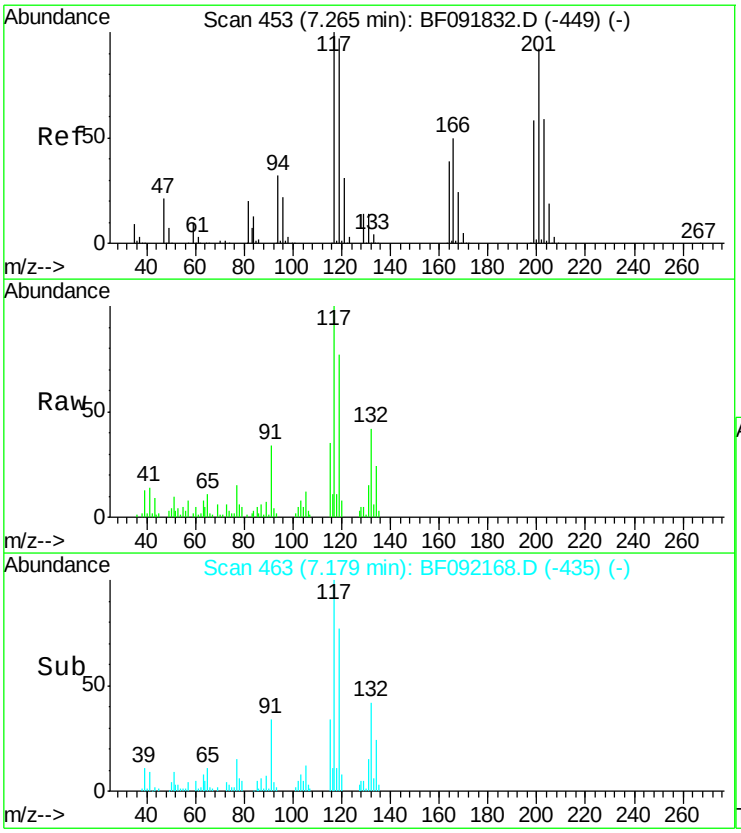
#7
Phenol-d6
Concen: 46.24 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion: 99 Resp: 453141

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	34.3	27.5	41.3

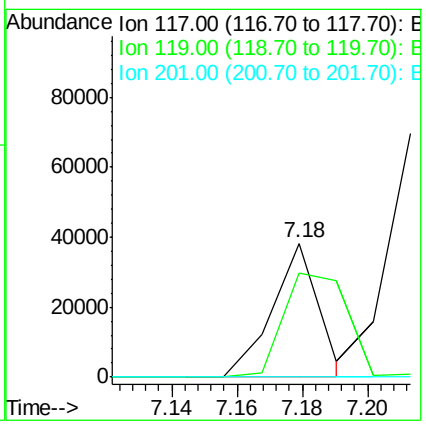


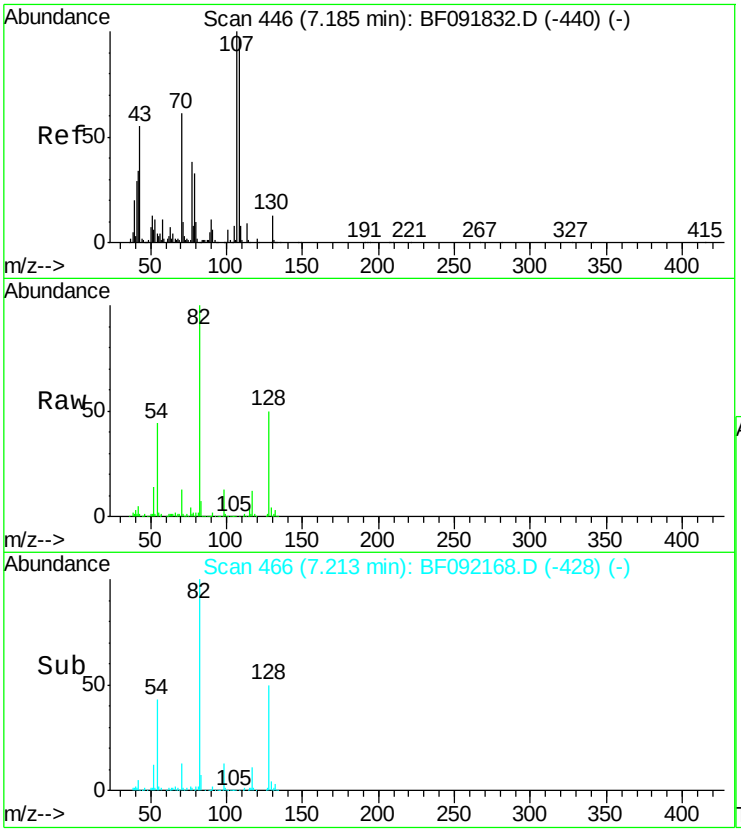


#18
Hexachloroethane
Concen: 10.26 ng
RT: 7.18 min Scan# 463
Delta R.T. 0.02 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:117 Resp: 37735

Ion	Ratio	Lower	Upper
117	100		
119	77.5	78.1	117.1#
201	0.0	78.6	117.8#



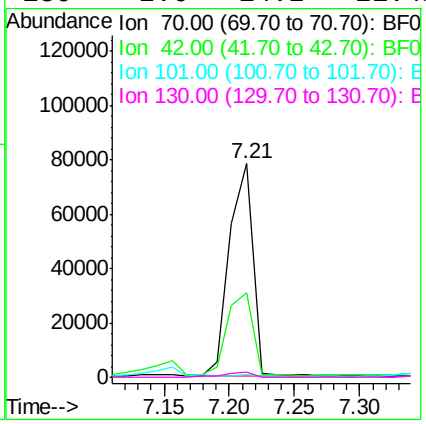


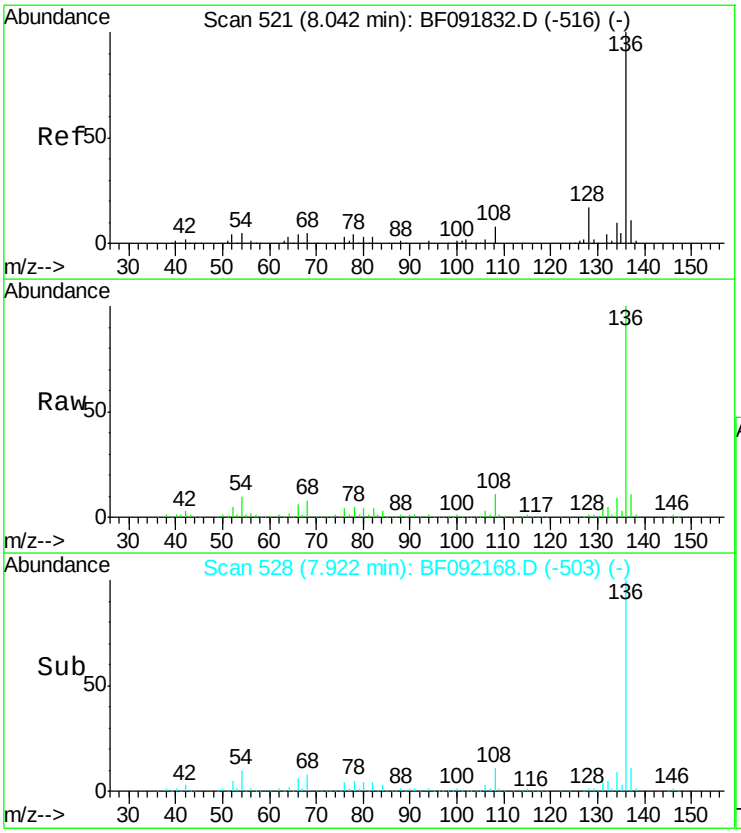
#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion: 70 Resp: 97386

Ion	Ratio	Lower	Upper
70	100		
42	39.5	49.4	74.0#
101	0.9	7.4	11.2#
130	2.6	14.2	21.4#

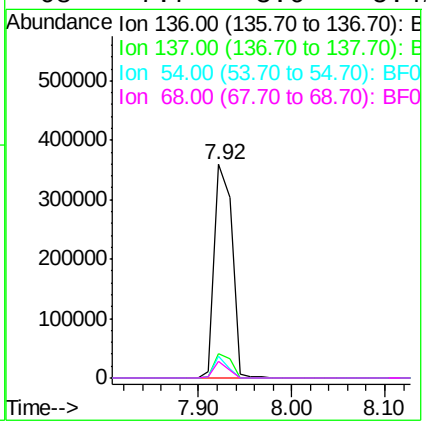


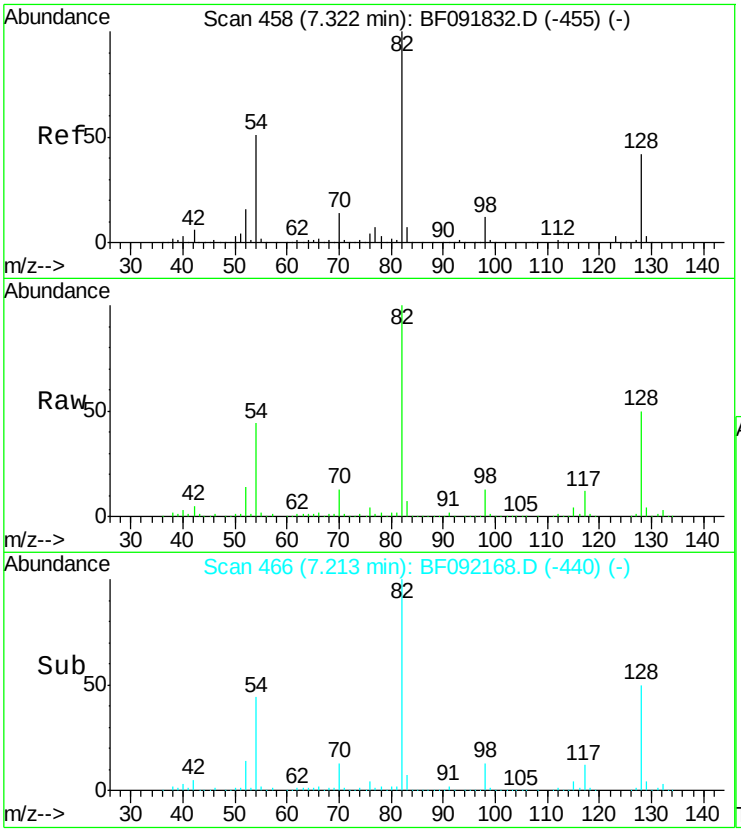


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:136 Resp: 471011

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.2	4.5	6.7#
68	7.7	3.6	5.4#



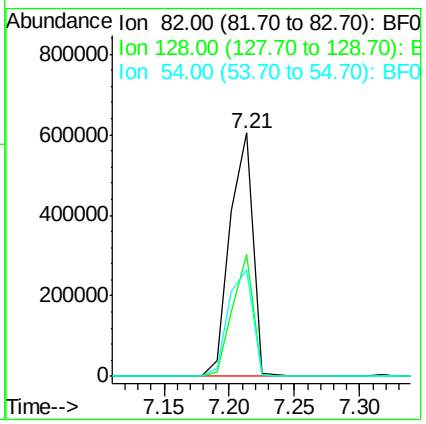


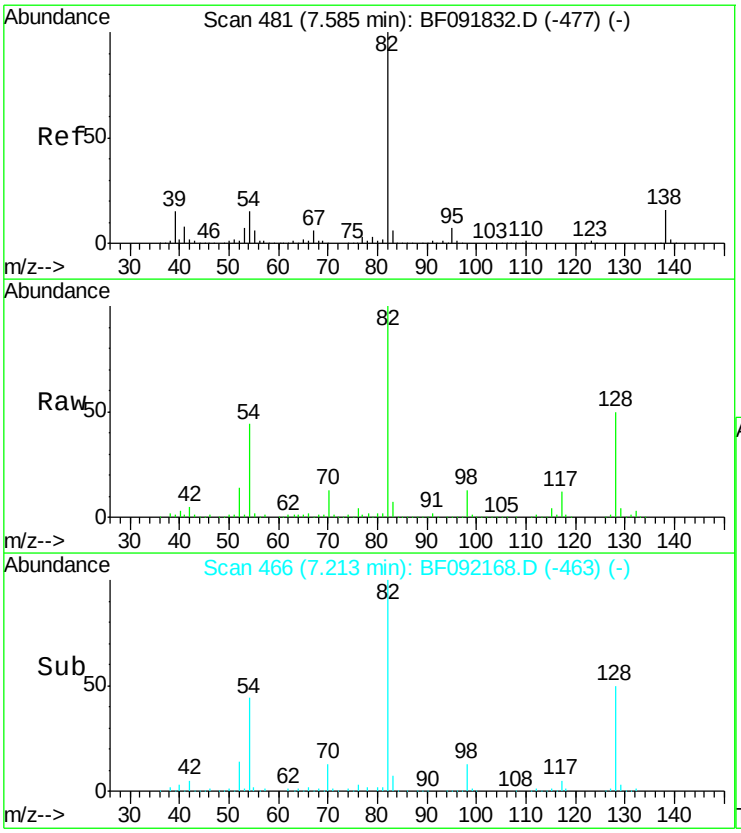
#23
Nitrobenzene-d5
Concen: 86.13 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion: 82 Resp: 729548

Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	52.0
54	44.0	39.5	59.3

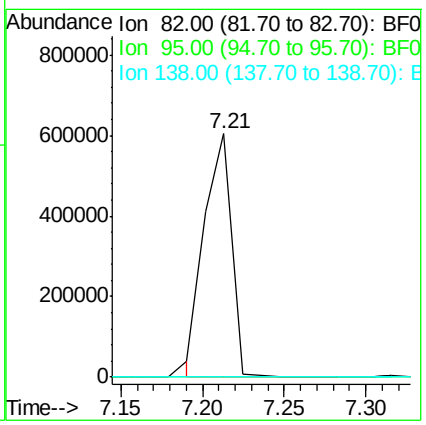


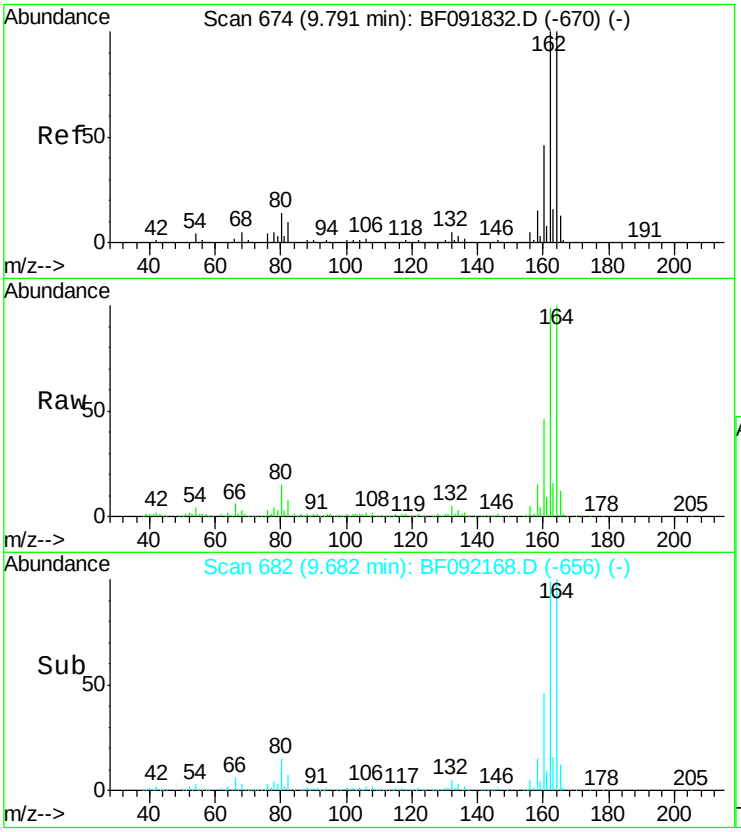


#25
Isophorone
Concen: 44.97 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion: 82 Resp: 702736

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



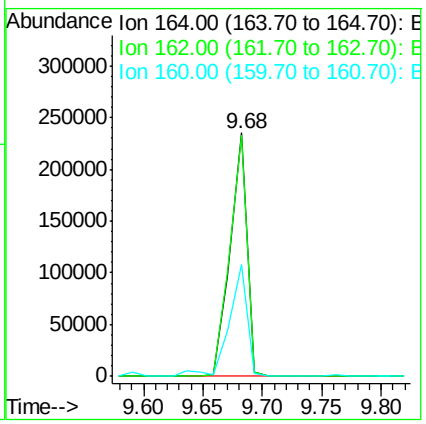


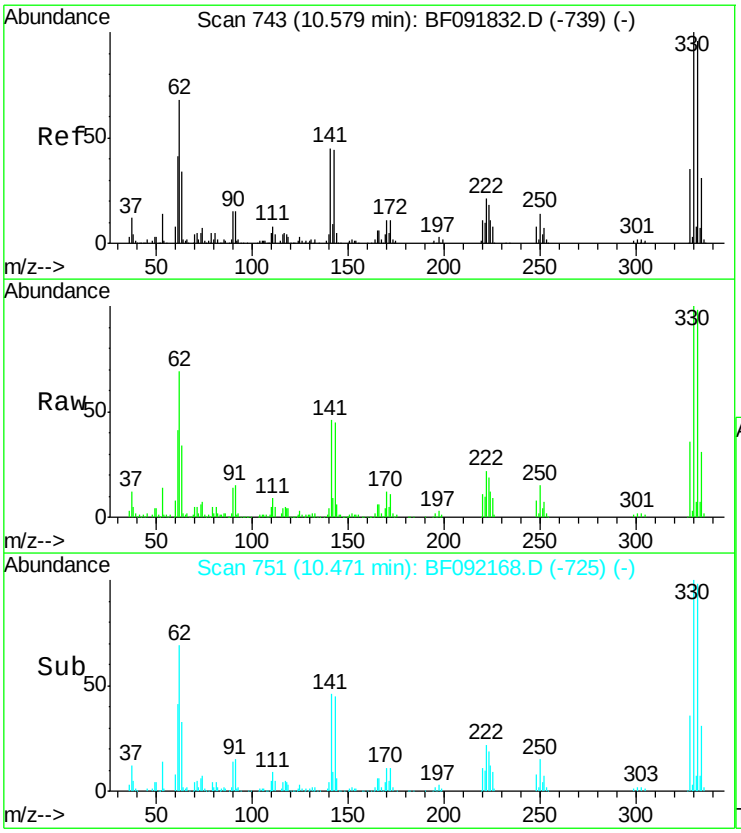
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:164 Resp: 232601

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.2
160	45.9	36.9	55.3

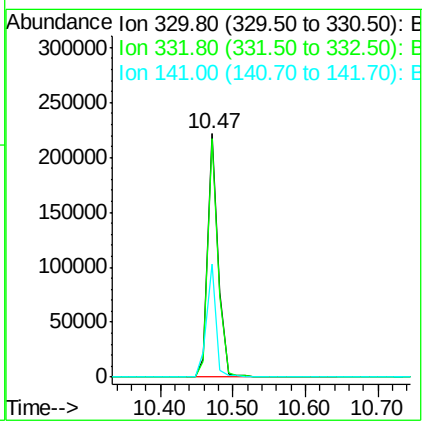


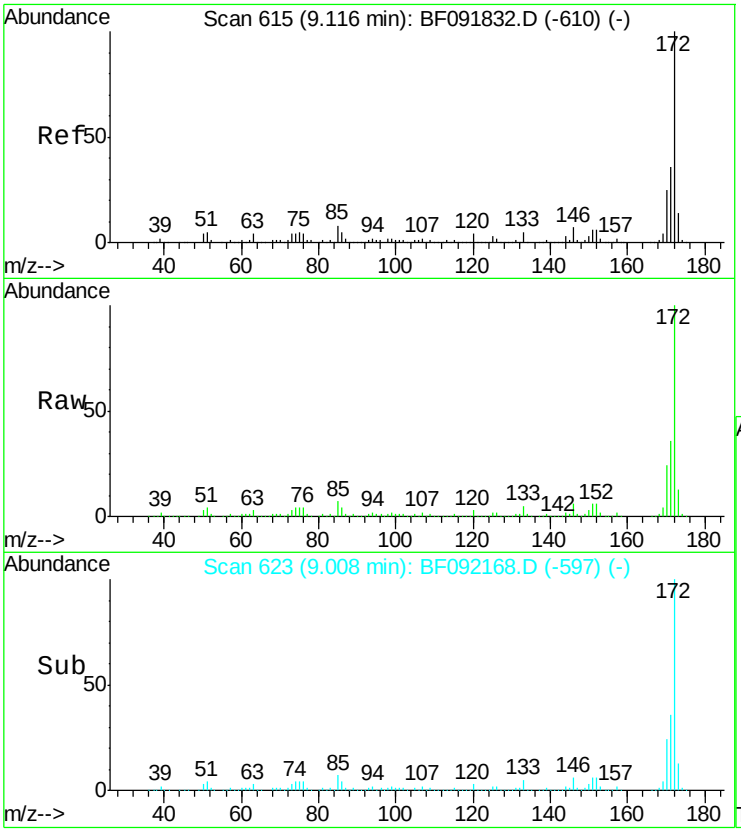


#41
2,4,6-Tribromophenol
Concen: 116.30 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:330 Resp: 223862

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	42.7	34.1	51.1



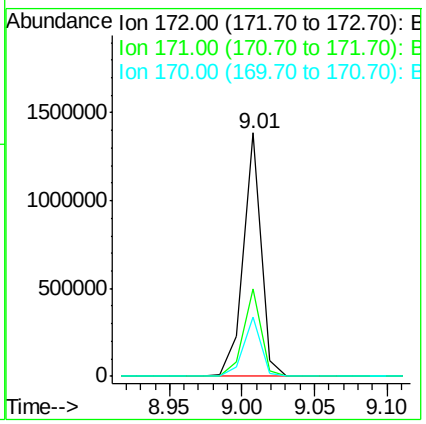


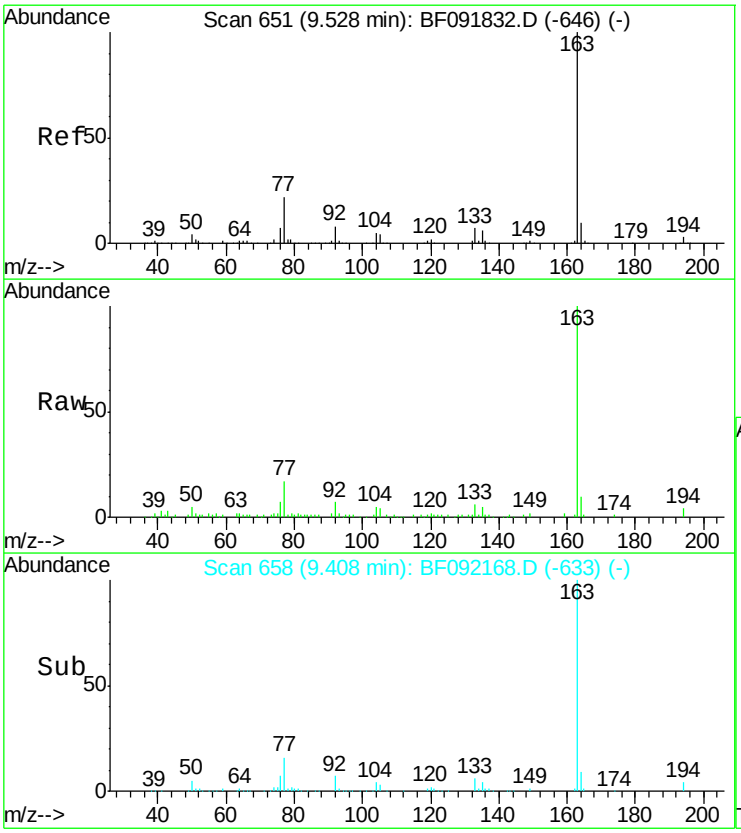
#44
2-Fluorobiphenyl
Concen: 106.88 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:172 Resp: 1175662

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	20.2	30.4

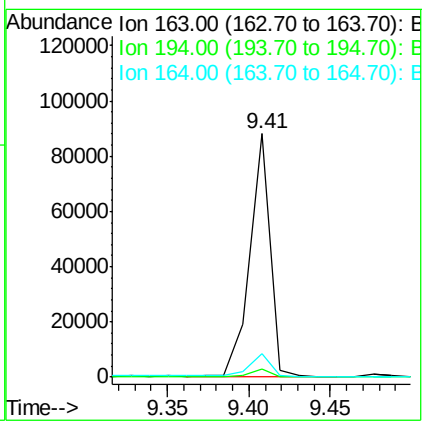


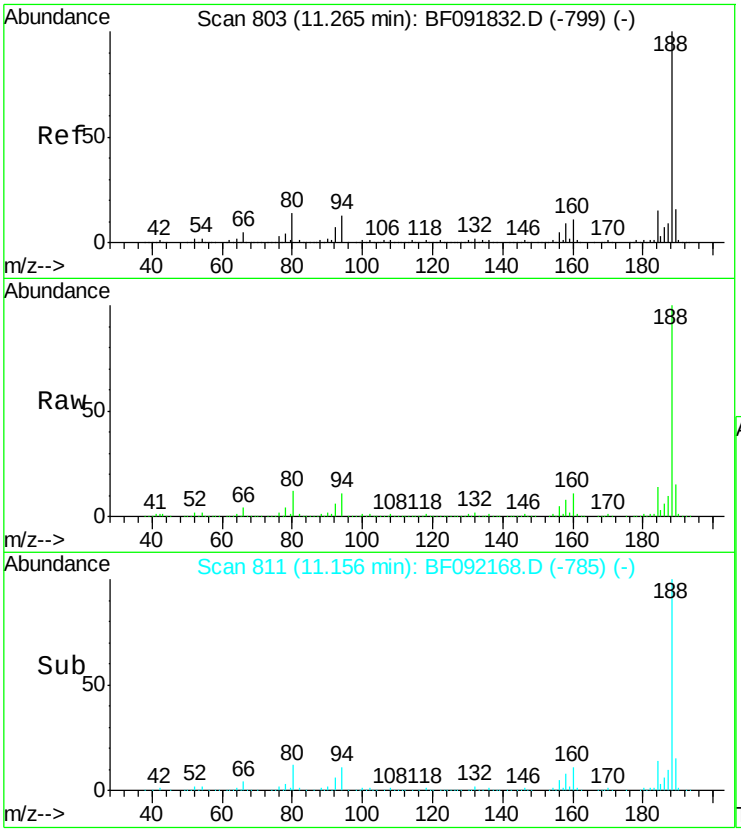


#49
Dimethylphthalate
Concen: 5.14 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:163 Resp: 76537

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.9	8.0	12.0



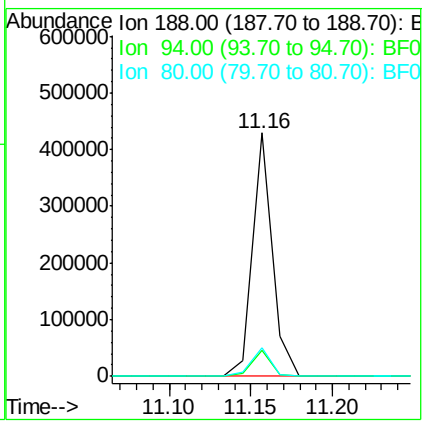


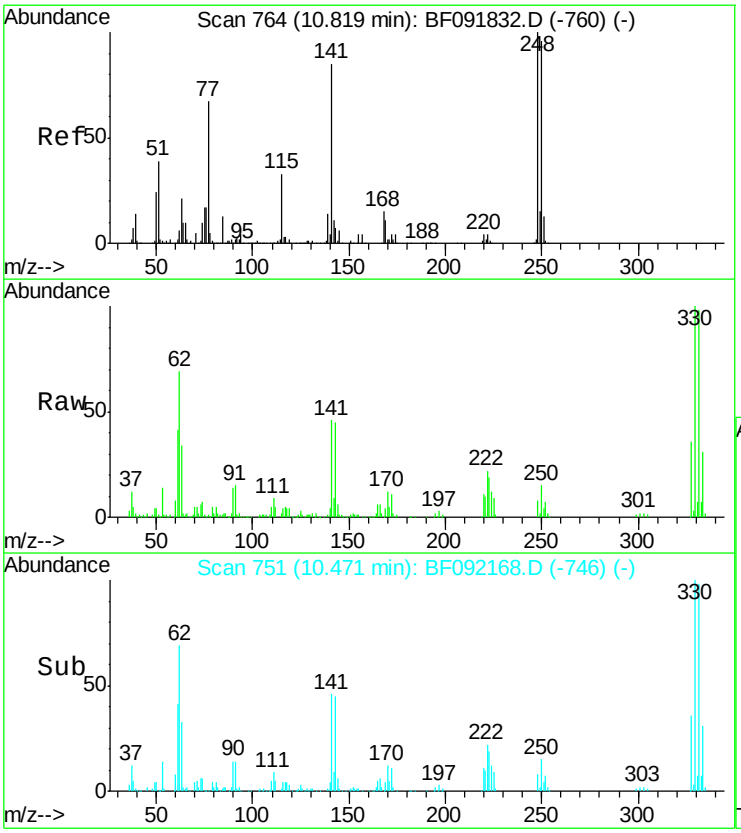
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:188 Resp: 364134

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	11.7	11.2	16.8

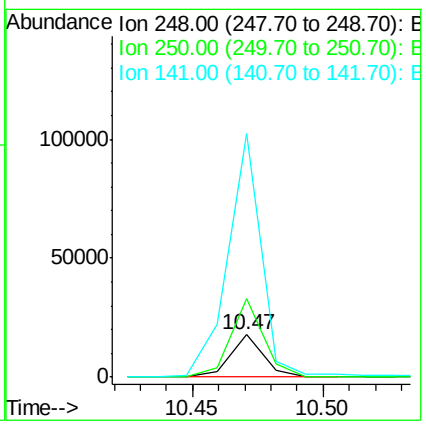


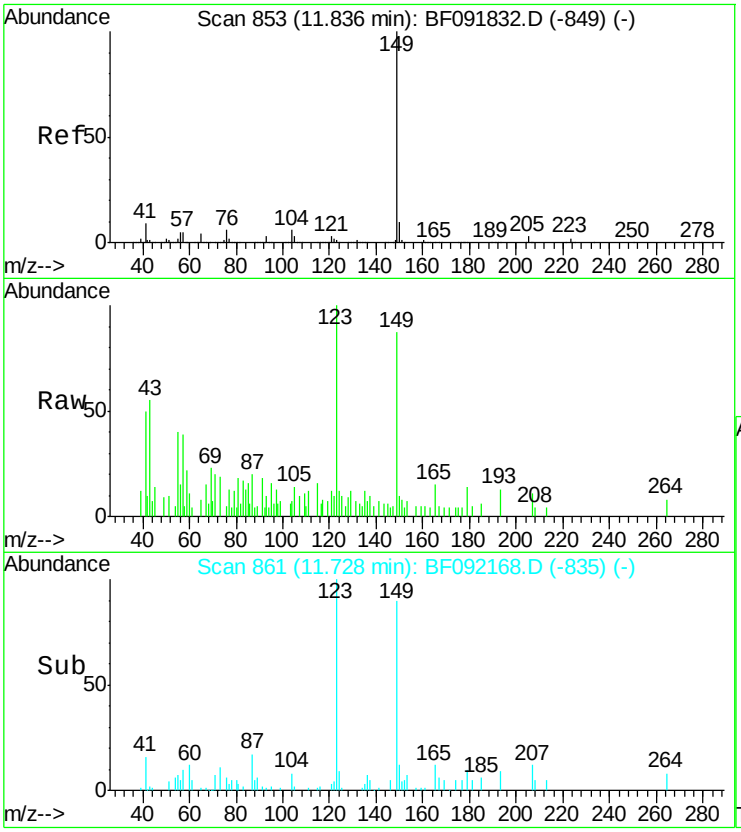


#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:248 Resp: 15608

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.9	115.3#
141	577.2	68.2	102.4#



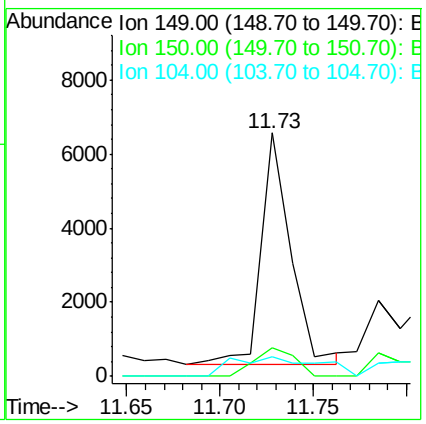


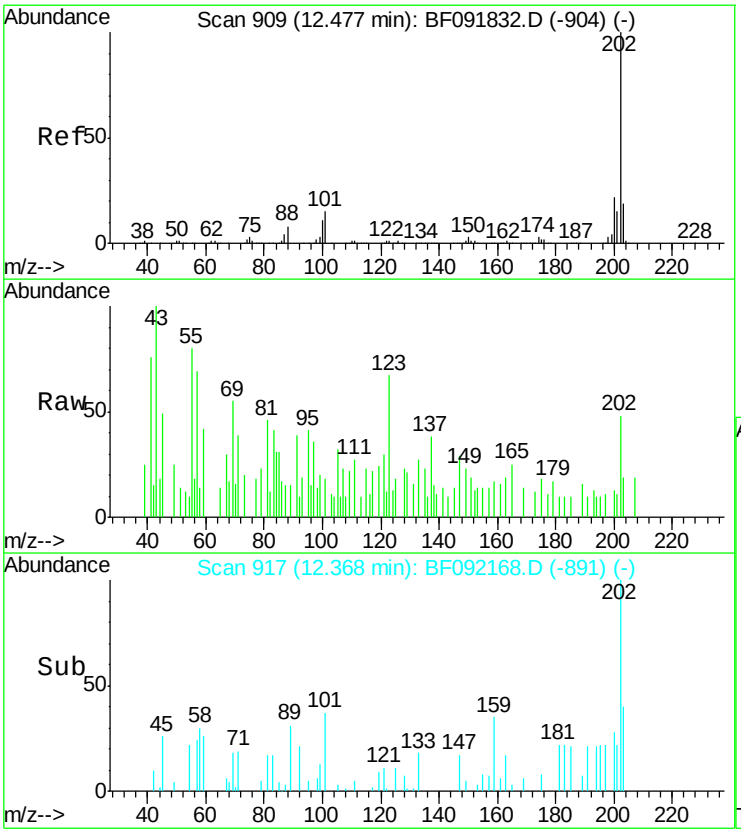
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:149 Resp: 6981

Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.1	12.1
104	8.1	4.6	7.0#

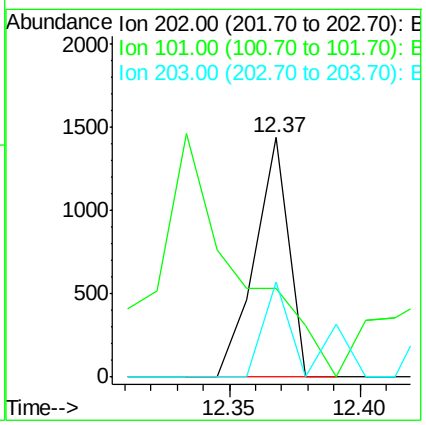


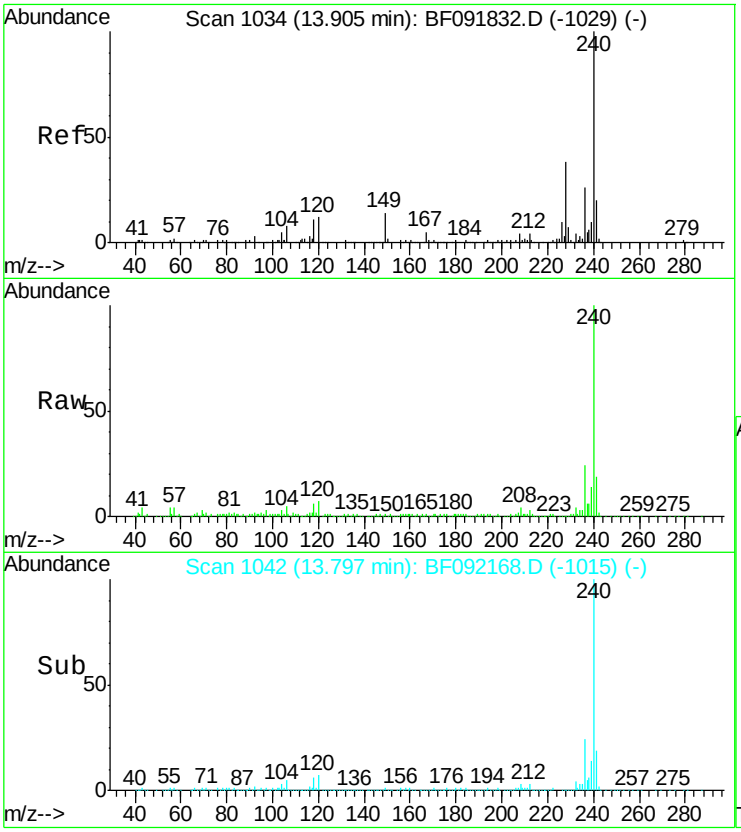


#74
Fluoranthene
Concen: Below Cal
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:202 Resp: 1304

Ion	Ratio	Lower	Upper
202	100		
101	36.8	0.0	34.6#
203	39.9	0.0	38.7#



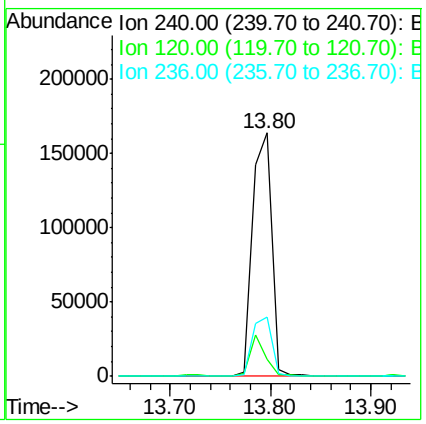


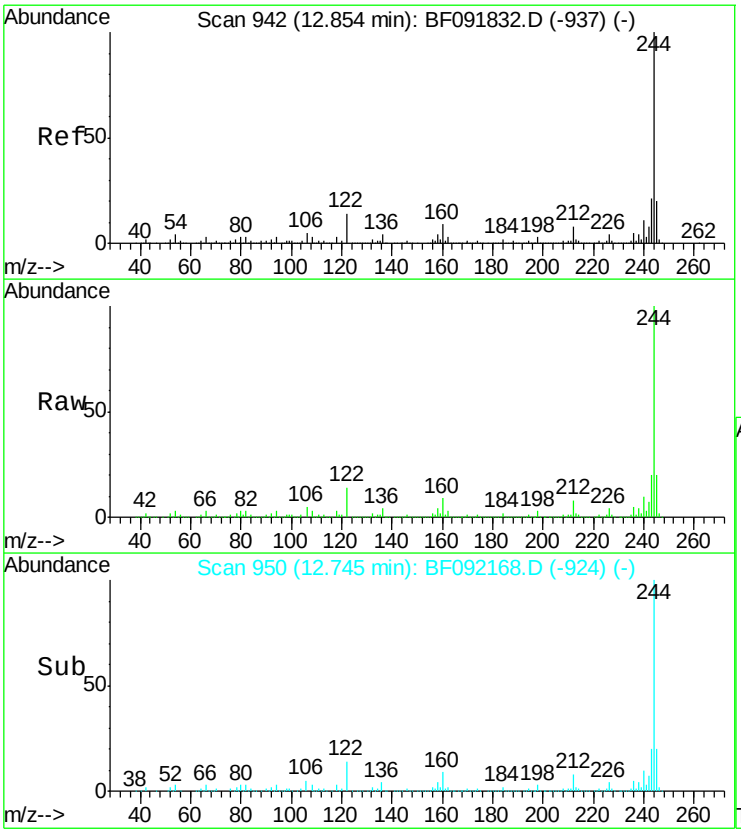
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:240 Resp: 218079

Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.9	19.3#
236	24.4	20.9	31.3

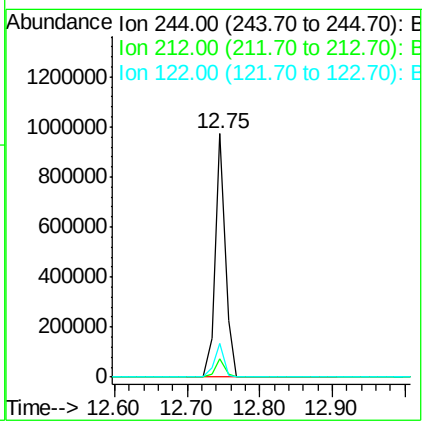


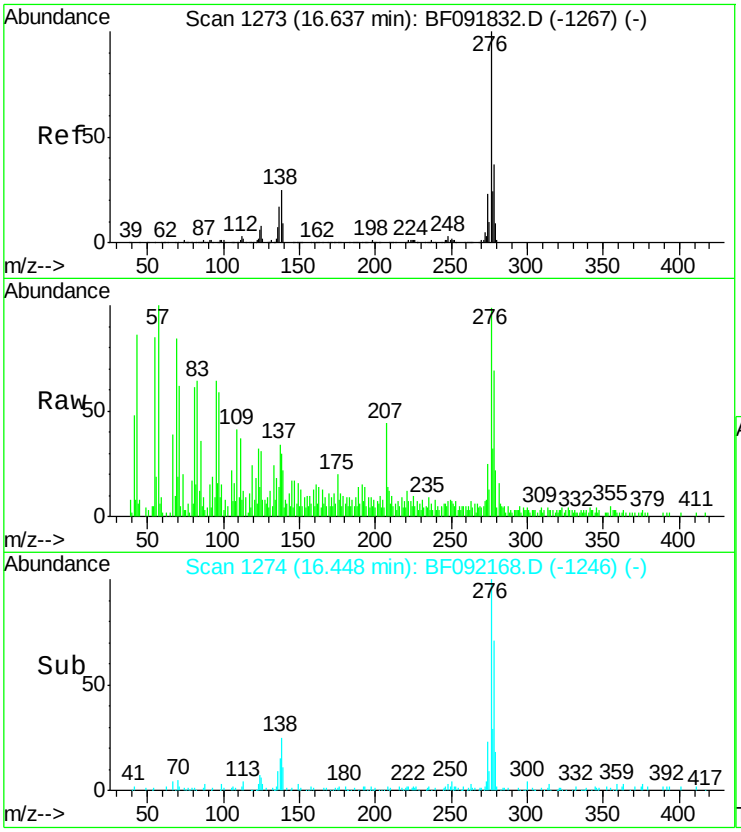


#78
Terphenyl-d14
Concen: 104.01 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:244 Resp: 935255

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.7	11.4	17.2



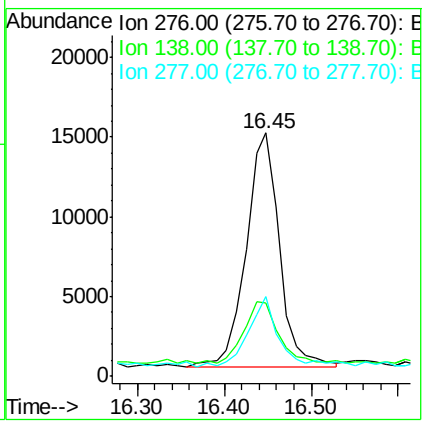


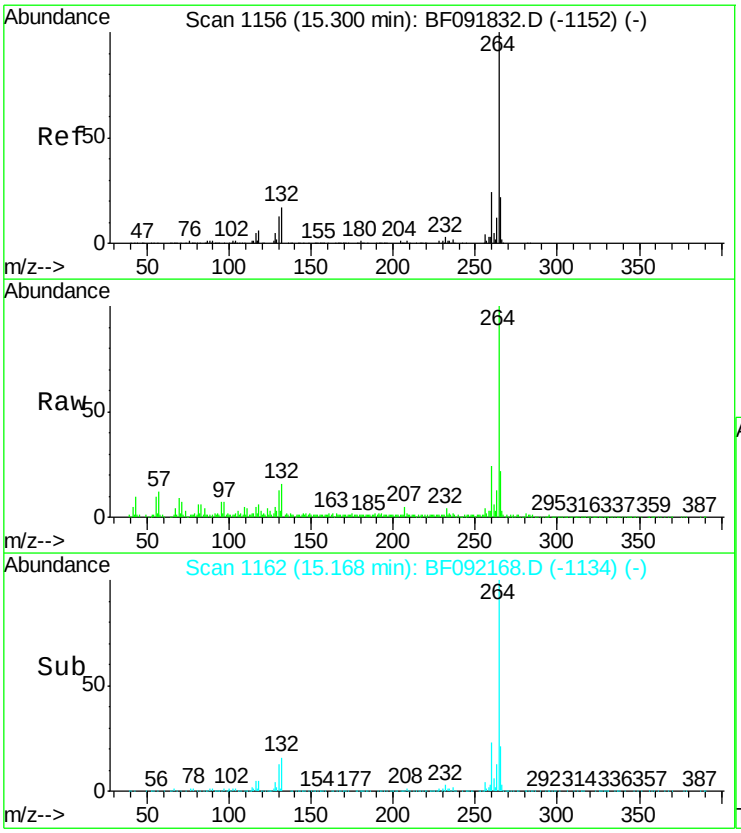
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.68 ng
RT: 16.45 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:276 Resp: 39382

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	28.7	20.2	30.4

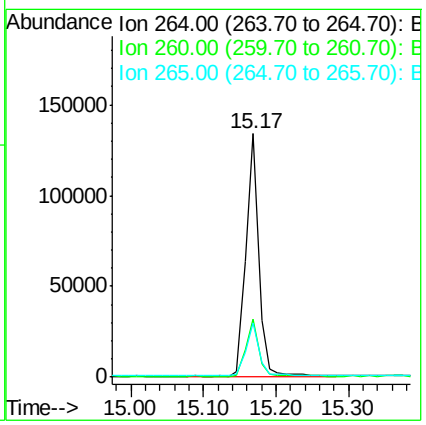


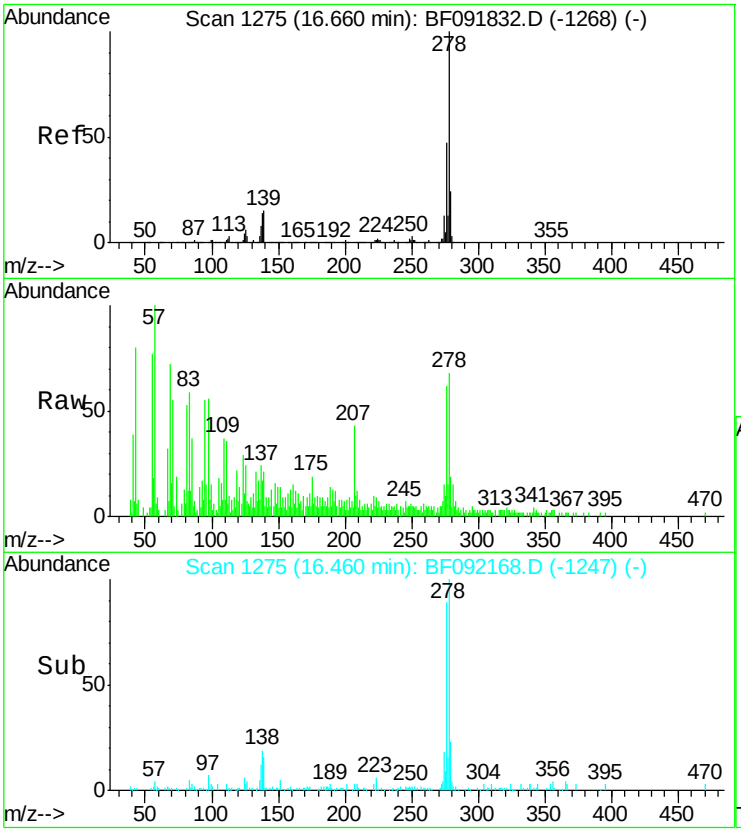


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:264 Resp: 172081

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.4	26.0



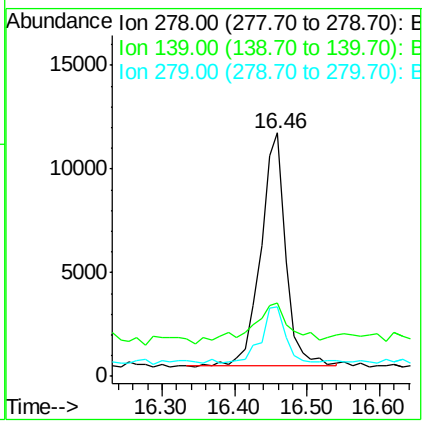


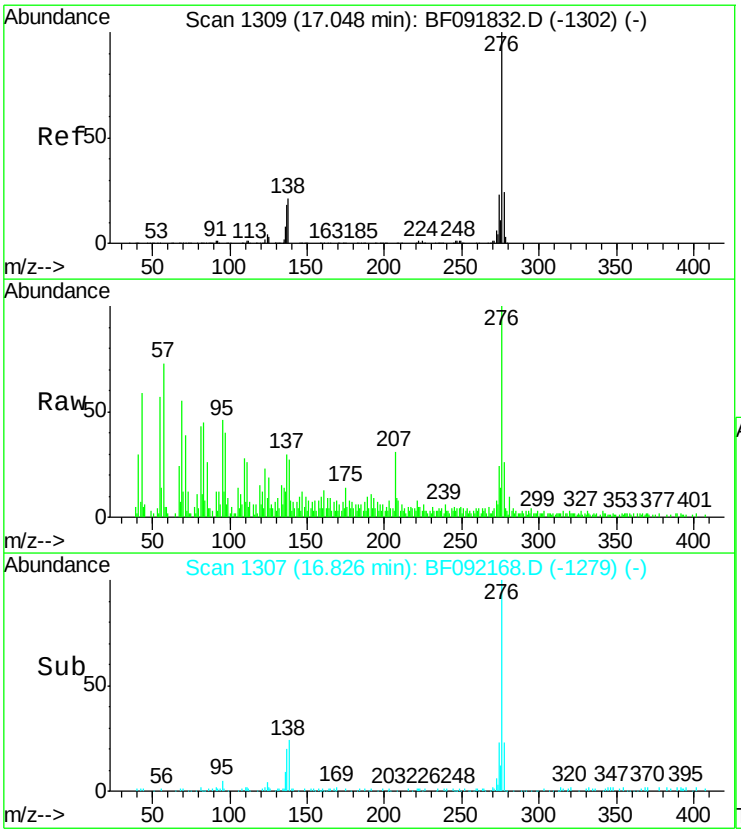
#90
Dibenzo(a,h)anthracene
Concen: 3.50 ng
RT: 16.46 min Scan# 1275
Delta R.T. 0.02 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:278 Resp: 27326

Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.8	22.2#
279	28.4	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 6.52 ng
RT: 16.83 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF092168.D
Acq: 10 Jan 2017 5:04

Tgt Ion:276 Resp: 52991

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	26.8	16.0	24.0#