Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091032.D
Acq On : 4 Nov 2016 20:40
Operator : UM/SJ
Sample : H5526-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-107-1.0-1.5

Quant Time: Nov 04 23:25:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	210257	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	791086	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	398872	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	515359	20.00	ng		0.00
75) Chrysene-d12	13.86	240	322410	20.00	ng		0.00
86) Perylene-d12	15.25	264	353831	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1551475	121.87	ng		0.01
7) Phenol-d6	6.36	99	1958555	113.34	ng		0.01
23) Nitrobenzene-d5	7.28	82	1402466	96.71	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	319164	88.51	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1683558	72.67	ng		0.00
78) Terphenyl-d14	12.82	244	1324013	102.48	ng		0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.84	42	80639	11.97	ng	#	1
9) Benzaldehyde	6.48	77	37455	3.91	ng		87
15) Benzyl Alcohol	6.85	79	30076	2.47	ng	#	59
18) Hexachloroethane	7.24	117	26986	4.23	ng	#	1
22) Acetophenone	7.10	105	79874	4.39	ng	#	41
31) Naphthalene	8.01	128	182778	4.83	ng		99
32) Benzoic acid	7.74	122	7097	5.80	ng	#	20
49) Dimethylphthalate	9.47	163	636472	24.33	ng		98
53) 2,4-Dinitrophenol	9.96	184	1122	6.60	ng	#	1
55) 4-Nitrophenol	9.85	139	1694	6.09	ng	#	1
65) n-Nitrosodiphenylamine	10.42	169	67015	4.09	ng	#	55
70) Phenanthrene	11.25	178	321020	11.72	ng	#	93
71) Anthracene	11.31	178	69023	2.37	ng	#	77
73) Di-n-butylphthalate	11.81	149	15830588	479.55	ng		97
74) Fluoranthene	12.45	202	345566	12.16	ng		90
77) Pyrene	12.67	202	312269	14.79	ng		98
79) Butylbenzylphthalate	13.30	149	45477	4.50	ng	#	96
80) Benzo(a)anthracene	13.85	228	142514	7.79	ng	#	96
82) Chrysene	13.88	228	134512	7.45	ng	#	94
83) Bis(2-ethylhexyl)phthalate	13.86	149	2585673	189.18	ng	#	94
84) Di-n-octyl phthalate	14.44	149	91787	4.08	ng	#	32
85) Indeno(1,2,3-cd)pyrene	16.57	276	68524	4.58	ng	#	92
87) Benzo(b)fluoranthene	14.87	252	257301	10.72	ng	#	87
88) Benzo(k)fluoranthene	14.87	252	257301	12.22	ng	#	91
89) Benzo(a)pyrene	15.20	252	111678	5.35	ng	#	78
91) Benzo(g,h,i)perylene	16.96	276	61570	3.77	ng	#	91

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

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SB-107-1.0-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
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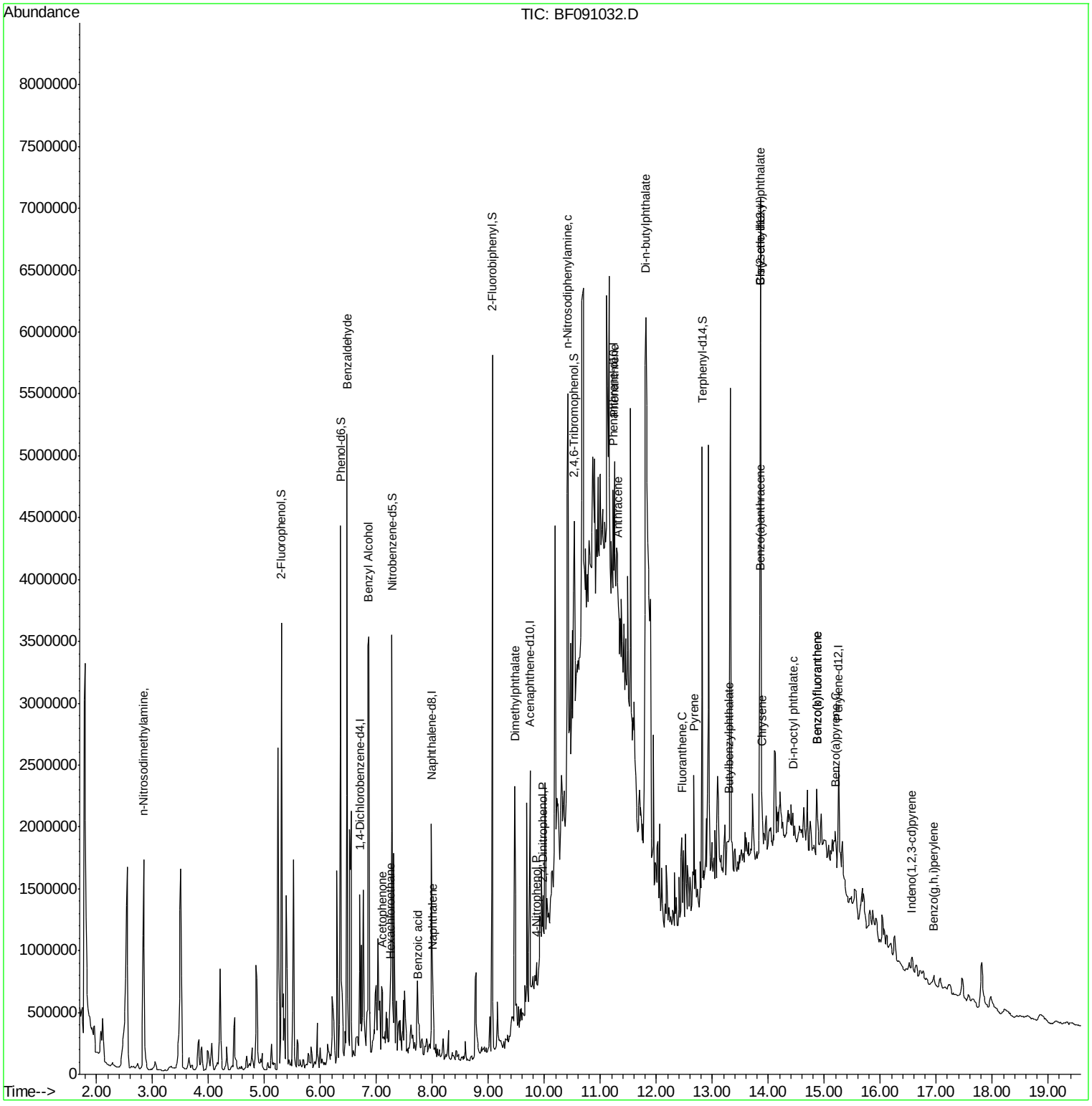
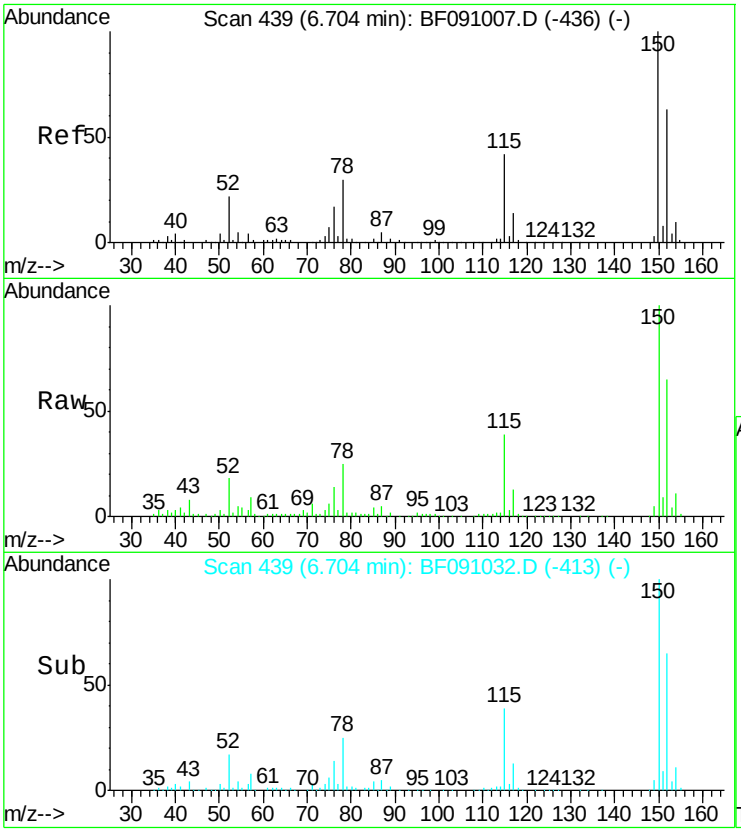


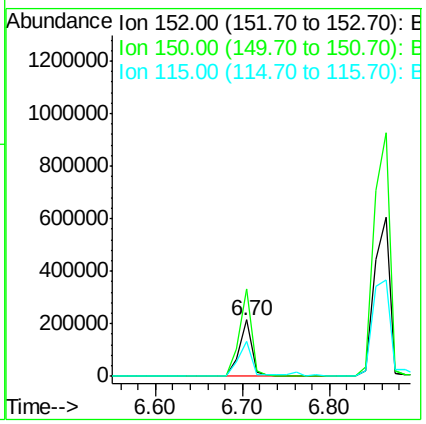


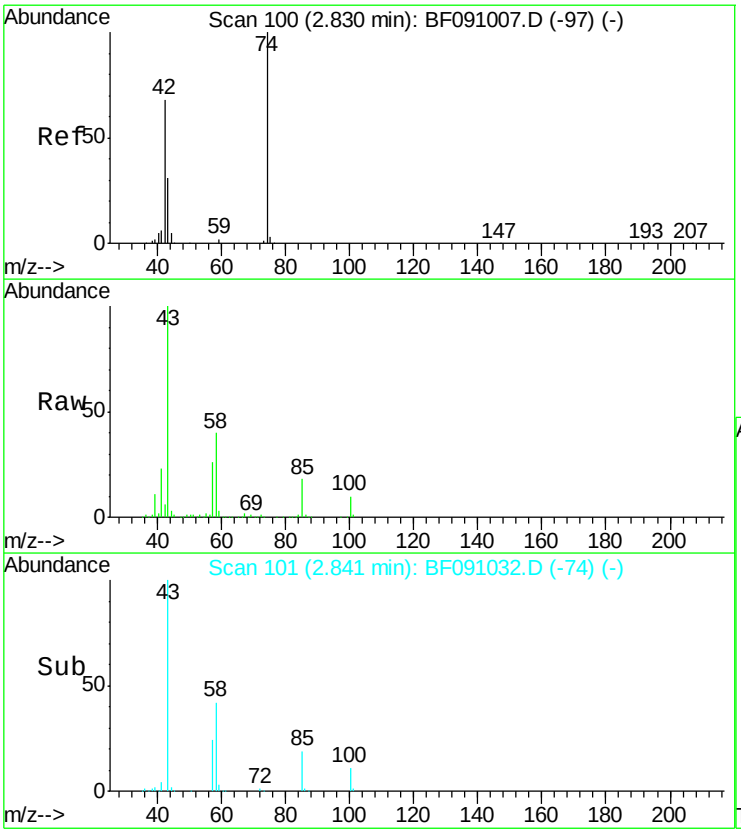
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:152 Resp: 210257

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.8	190.2
115	61.0	53.3	79.9

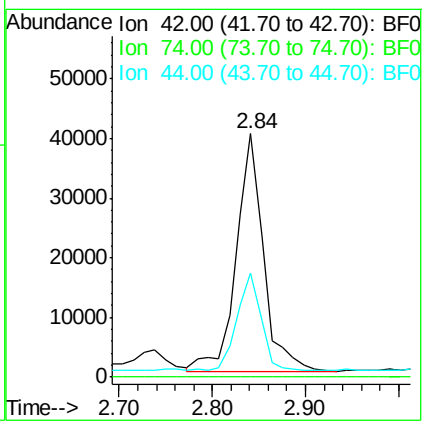


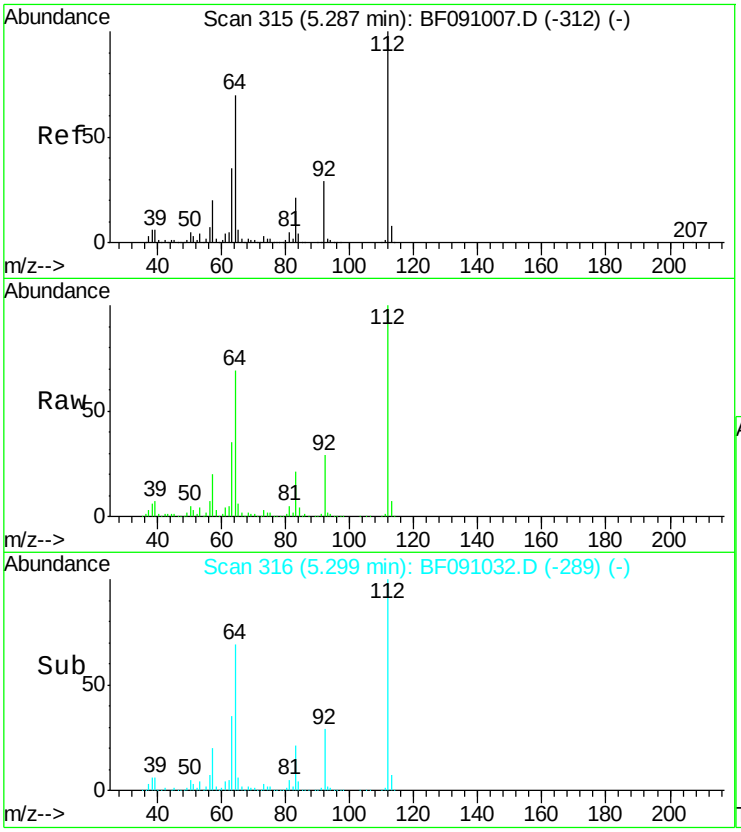


#4
n-Nitrosodimethylamine
Concen: 11.97 ng
RT: 2.84 min Scan# 101
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion: 42 Resp: 80639

Ion	Ratio	Lower	Upper
42	100		
74	0.0	117.3	175.9#
44	42.6	5.8	8.8#



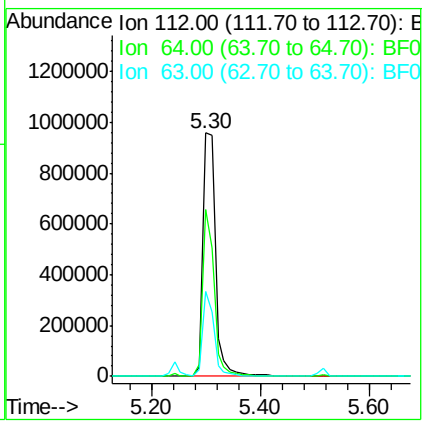


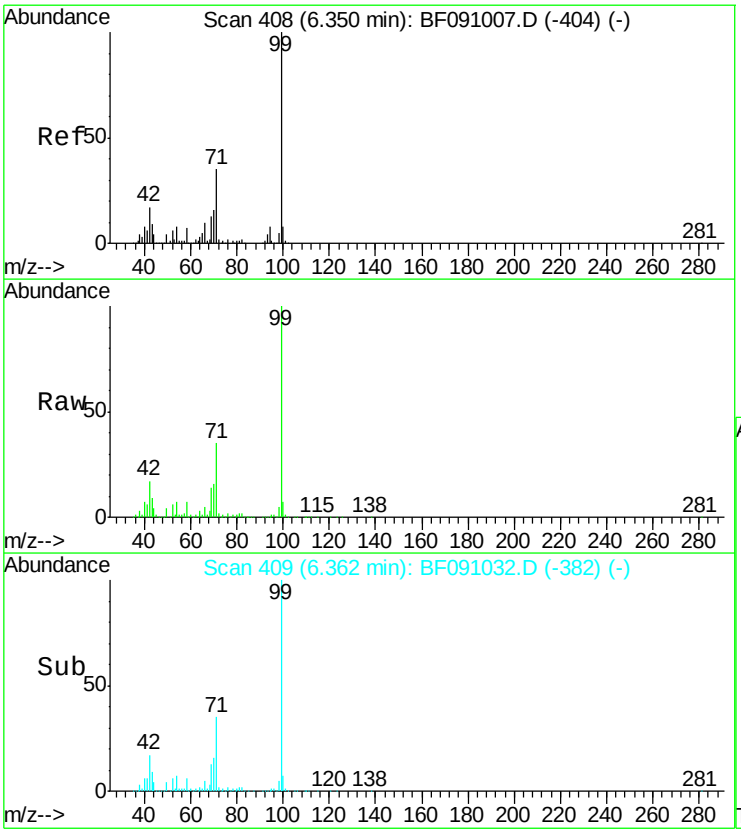
#5
2-Fluorophenol
Concen: 121.87 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:112 Resp: 1551475

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.8	83.6
63	34.9	28.0	42.0

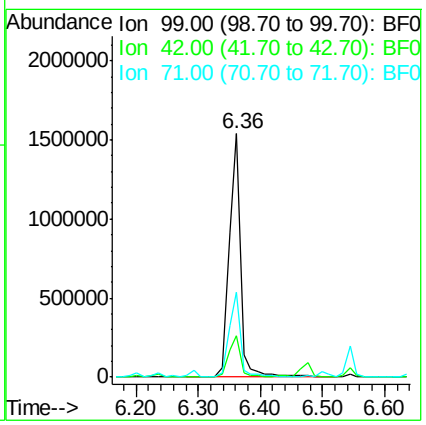


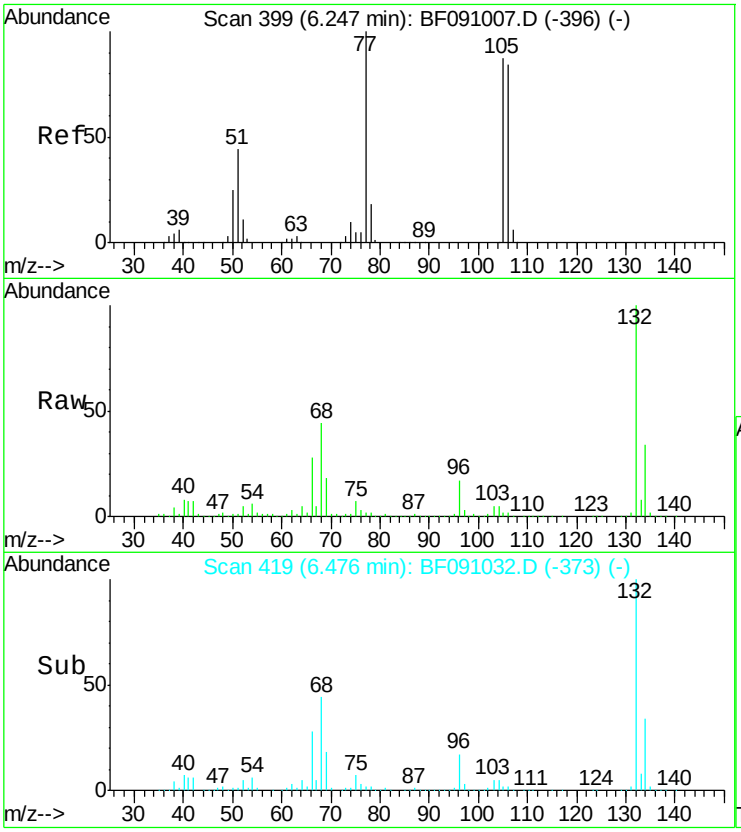


#7
Phenol-d6
Concen: 113.34 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion: 99 Resp: 1958555

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.9	20.9
71	34.7	27.8	41.8



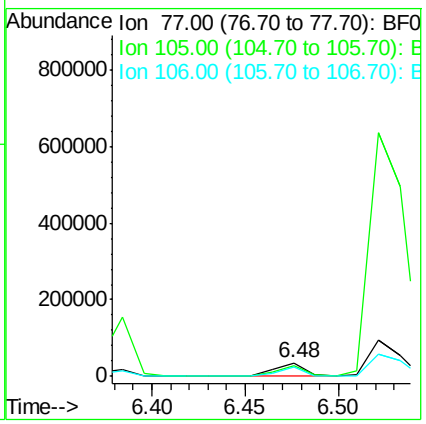


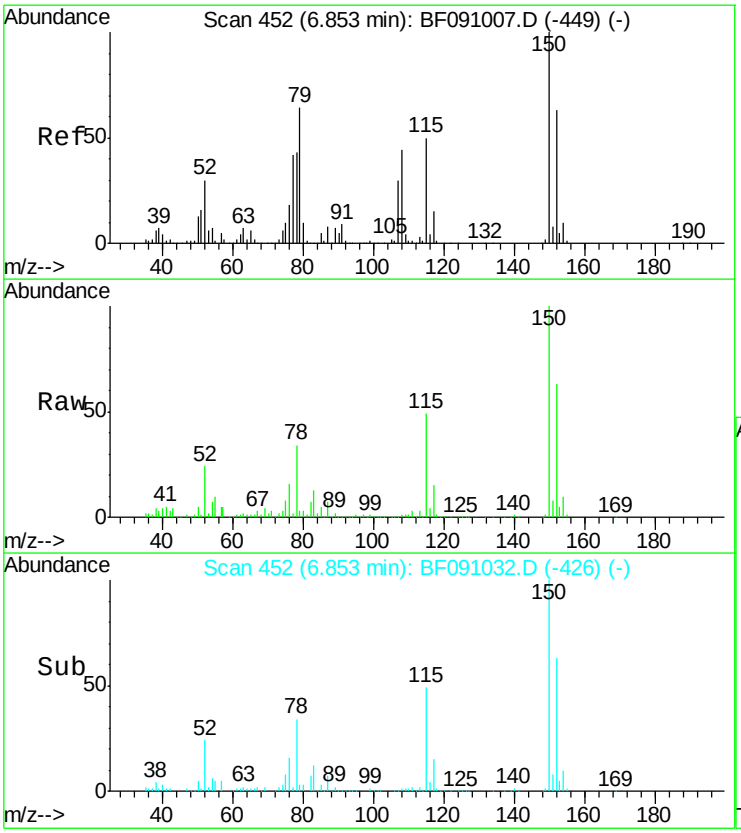
#9
Benzaldehyde
Concen: 3.91 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.23 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion: 77 Resp: 37455

Ion	Ratio	Lower	Upper
77	100		
105	78.6	66.8	106.8
106	67.8	64.0	104.0

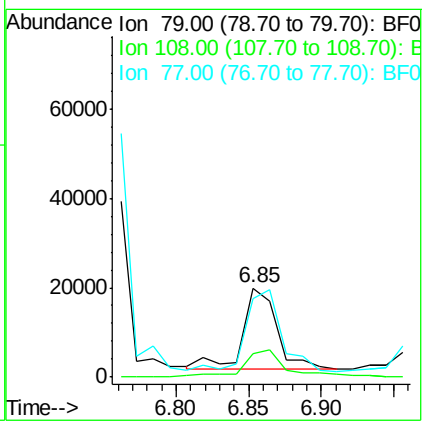


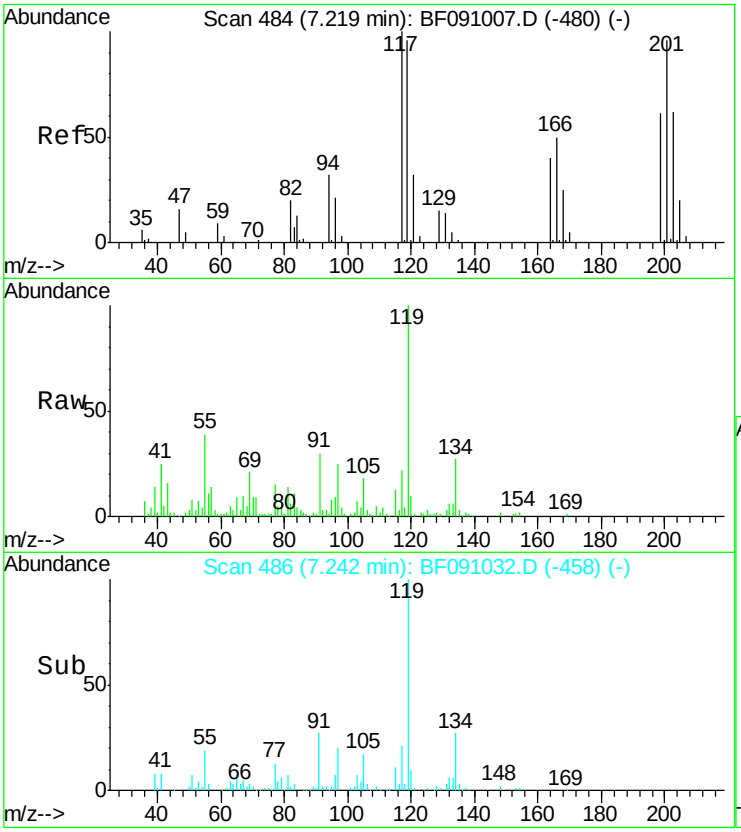


#15
Benzyl Alcohol
Concen: 2.47 ng
RT: 6.85 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion: 79 Resp: 30076

Ion	Ratio	Lower	Upper
79	100		
108	25.7	55.7	83.5#
77	88.5	52.6	79.0#



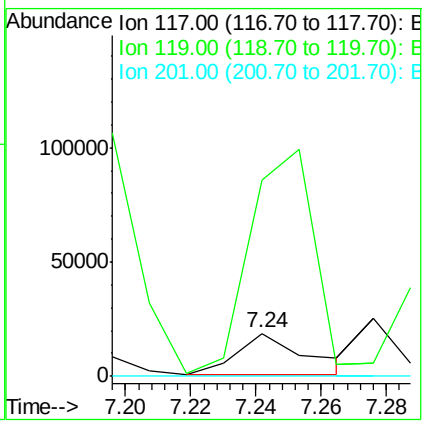


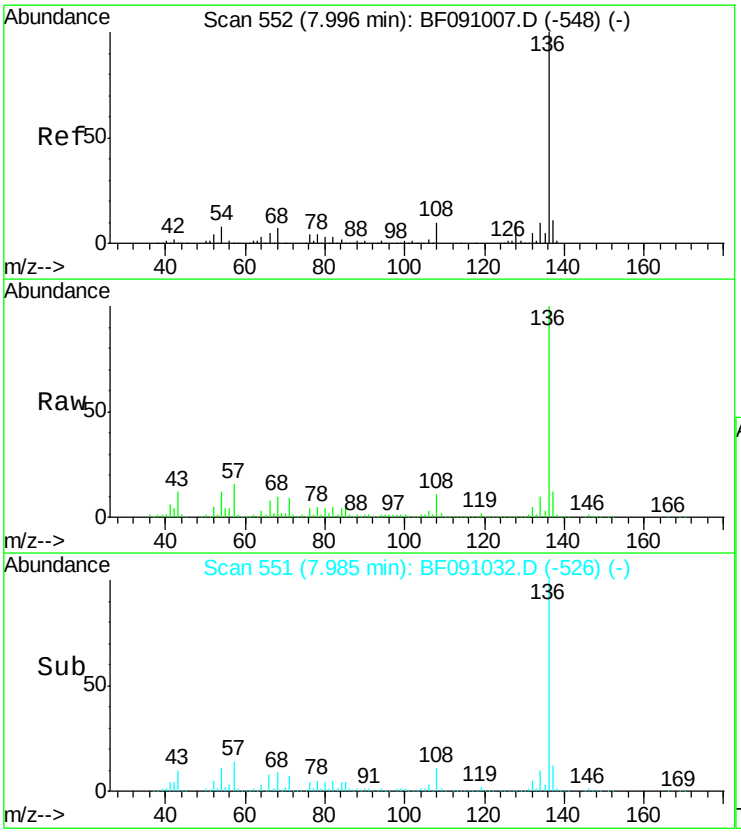
#18
Hexachloroethane
Concen: 4.23 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:117 Resp: 26986

Ion	Ratio	Lower	Upper
117	100		
119	458.1	76.6	115.0#
201	0.0	77.1	115.7#

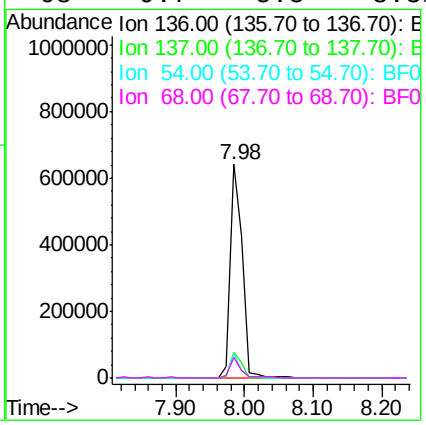


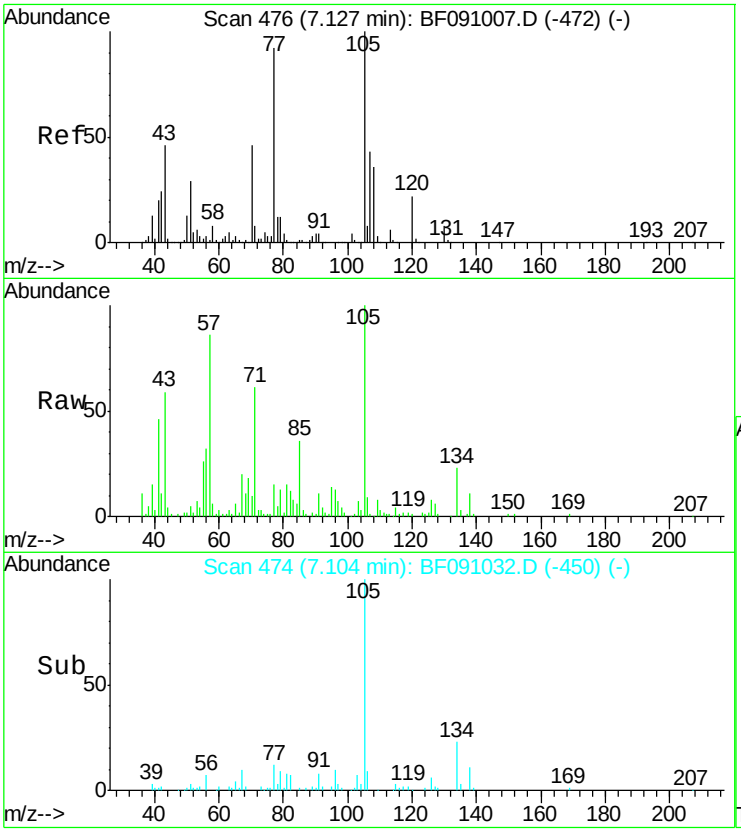


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:136 Resp: 791086

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.6	6.2	9.2#
68	9.7	5.5	8.3#



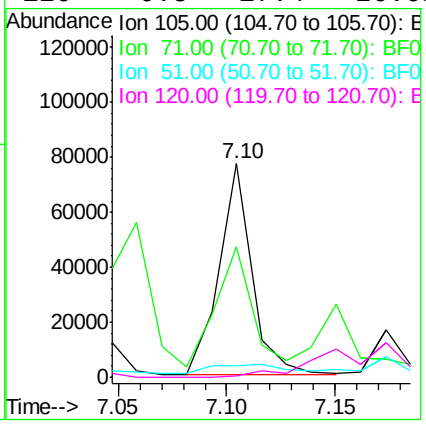


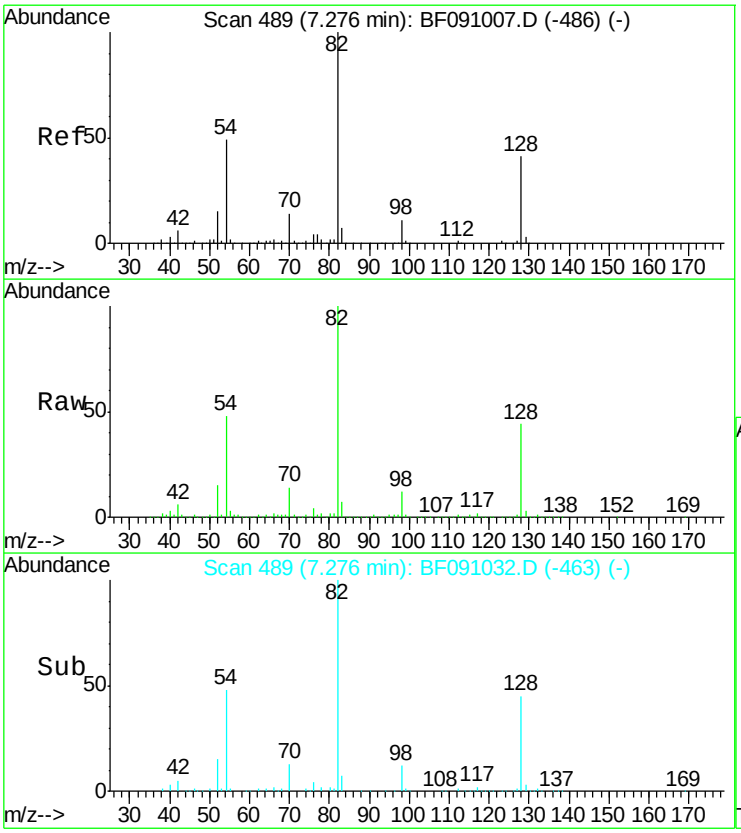
#22
Acetophenone
Concen: 4.39 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:105 Resp: 79874

Ion	Ratio	Lower	Upper
105	100		
71	61.4	6.2	9.2#
51	5.4	23.3	34.9#
120	0.5	17.4	26.0#

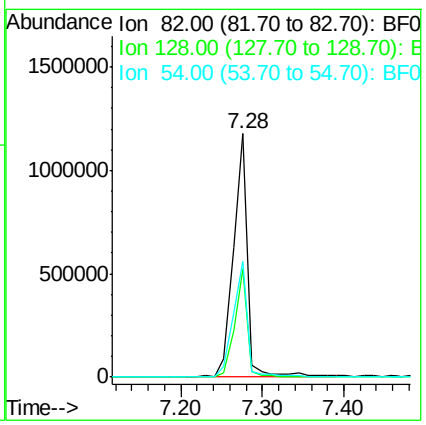


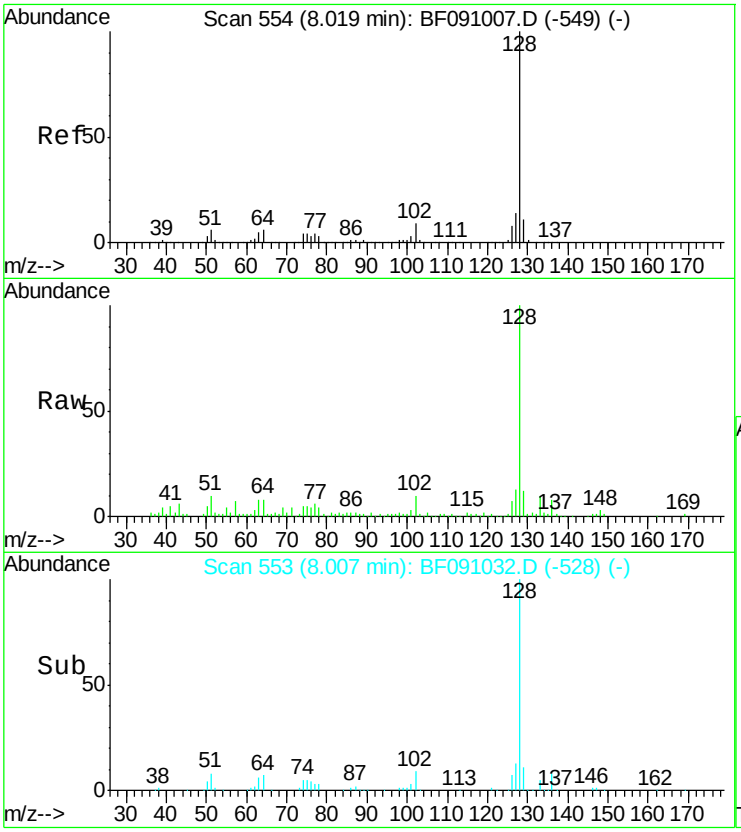


#23
Nitrobenzene-d5
Concen: 96.71 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion: 82 Resp: 1402466

Ion	Ratio	Lower	Upper
82	100		
128	44.5	32.4	48.6
54	47.7	39.2	58.8



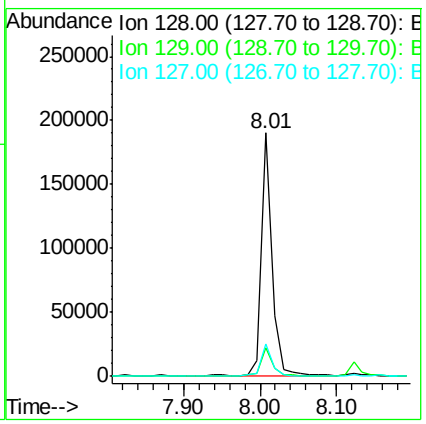


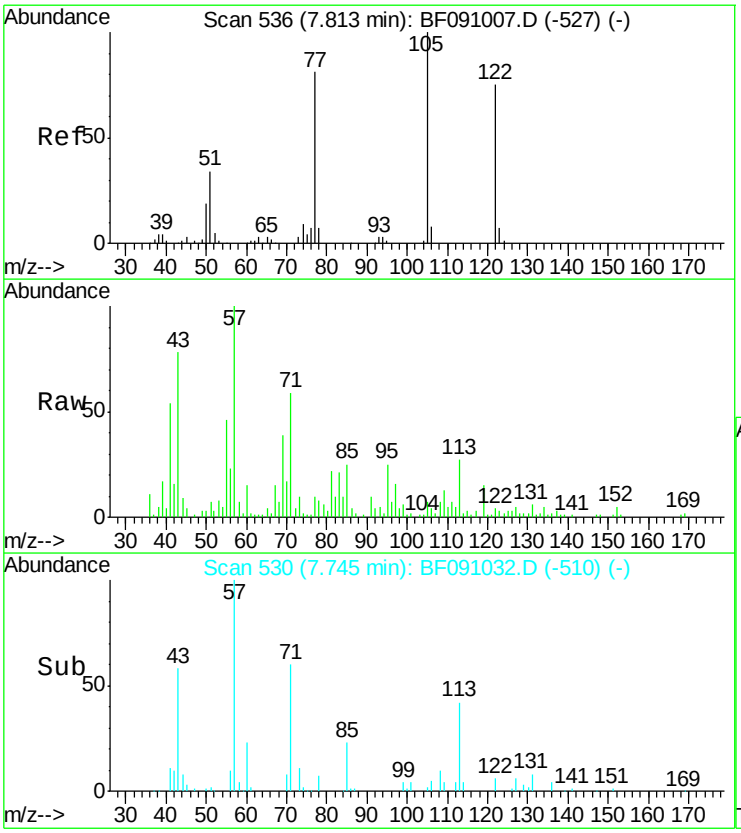
#31
Naphthalene
Concen: 4.83 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:128 Resp: 182778

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.4	10.9	16.3

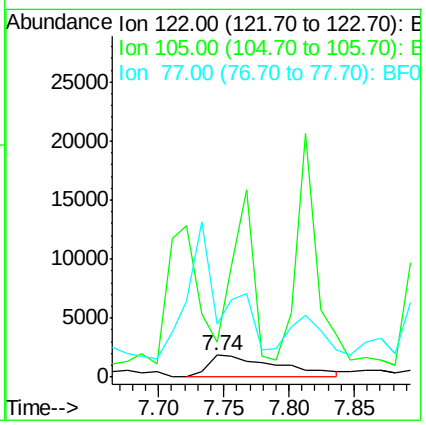


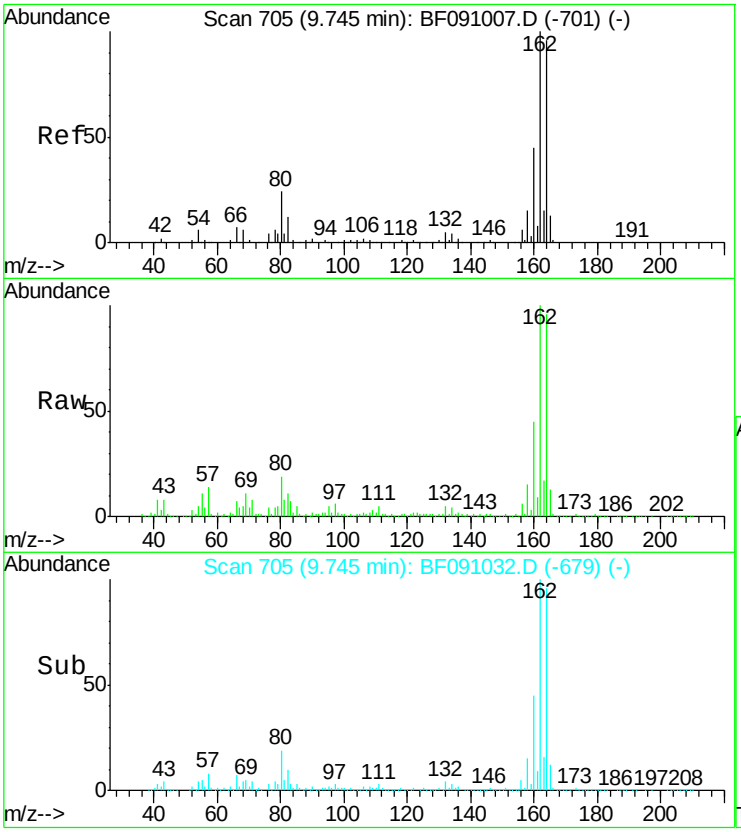


#32
Benzoic acid
Concen: 5.80 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:122 Resp: 7097

Ion	Ratio	Lower	Upper
122	100		
105	162.0	105.9	145.9#
77	244.9	84.0	124.0#



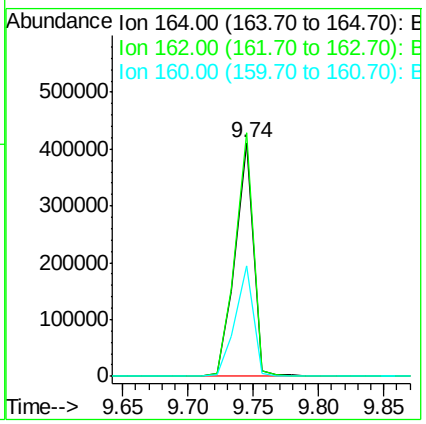


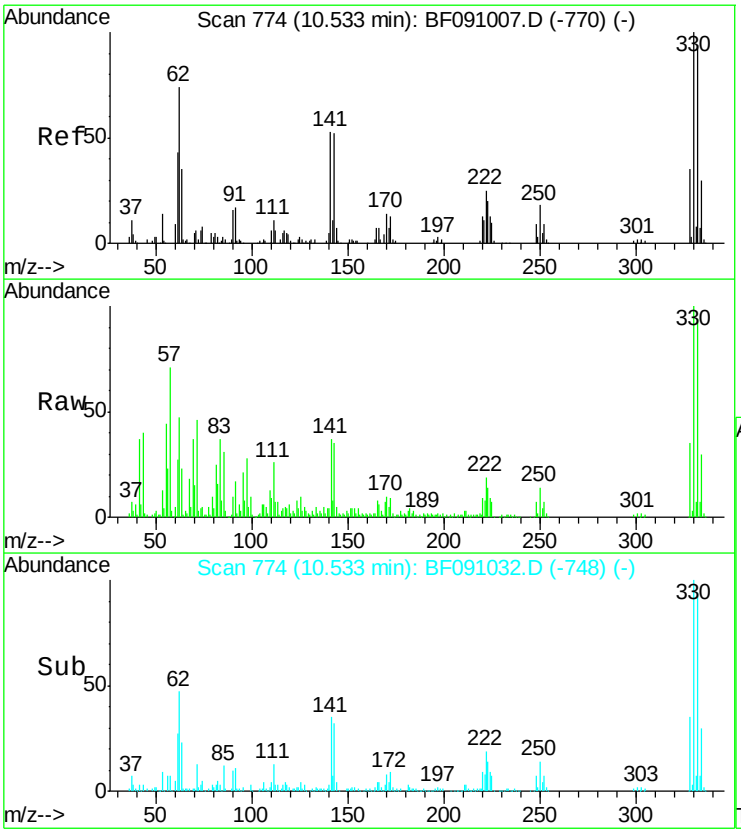
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:164 Resp: 398872

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.6	125.4
160	47.4	37.9	56.9

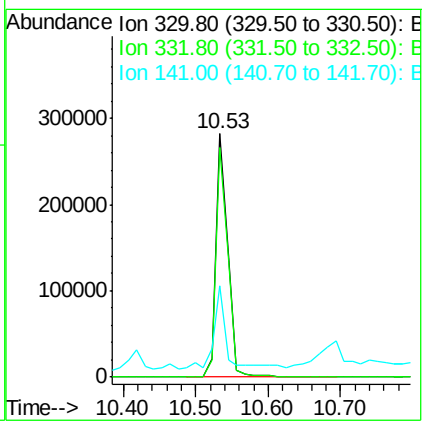


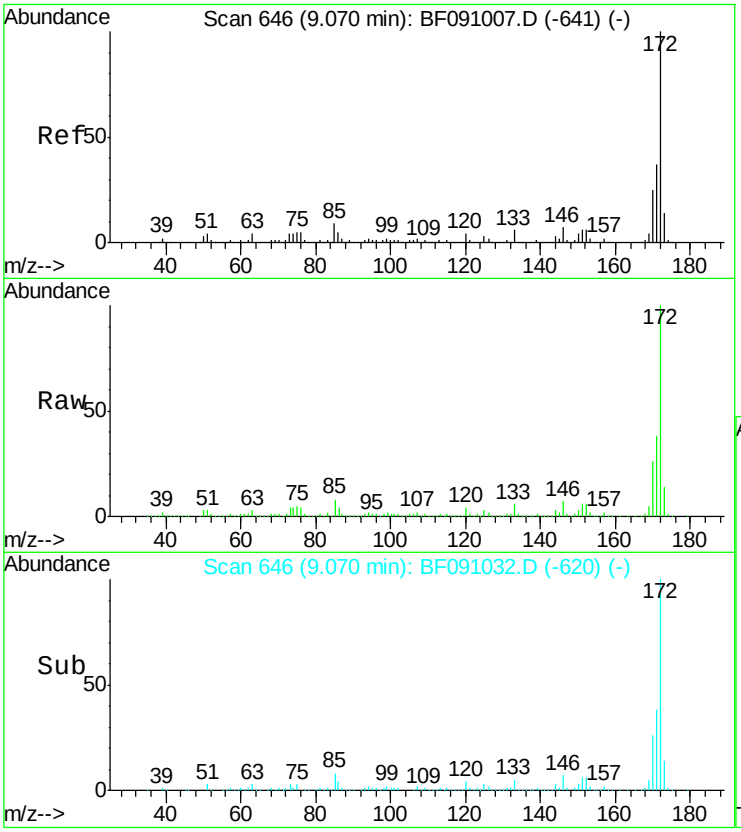


#41
2,4,6-Tribromophenol
Concen: 88.51 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:330 Resp: 319164

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	32.3	36.1	54.1#



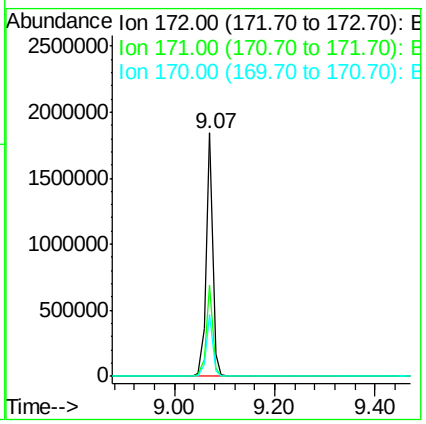


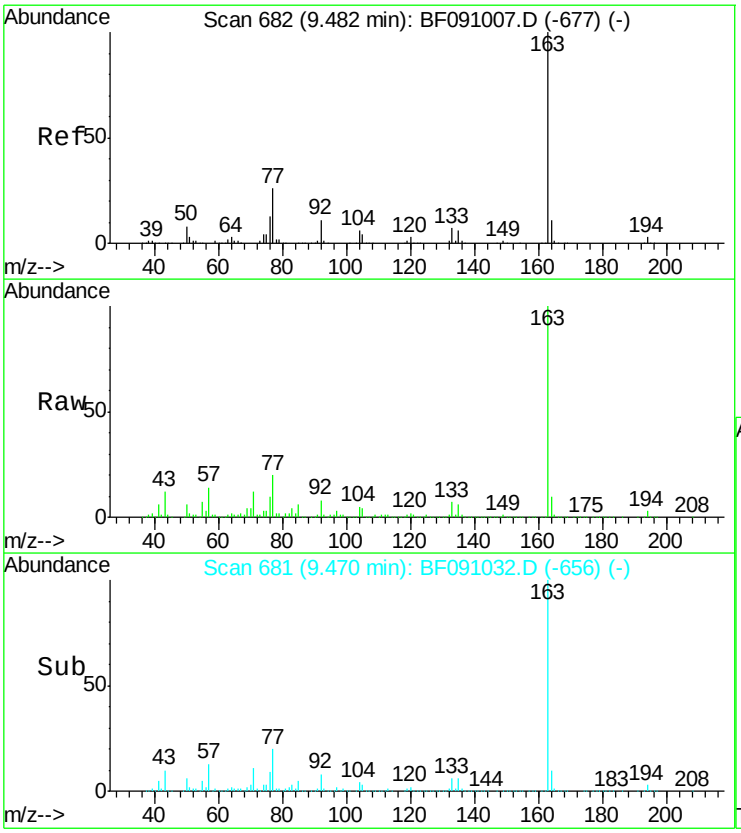
#44
2-Fluorobiphenyl
Concen: 72.67 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:172 Resp: 1683558

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.6	20.3	30.5

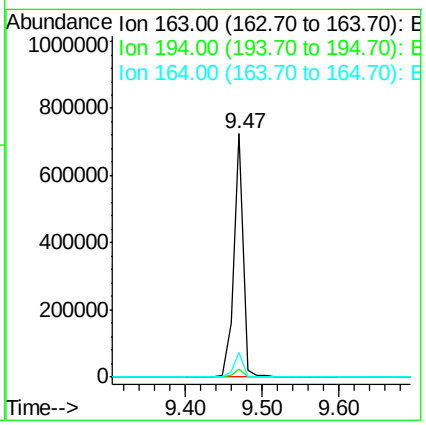


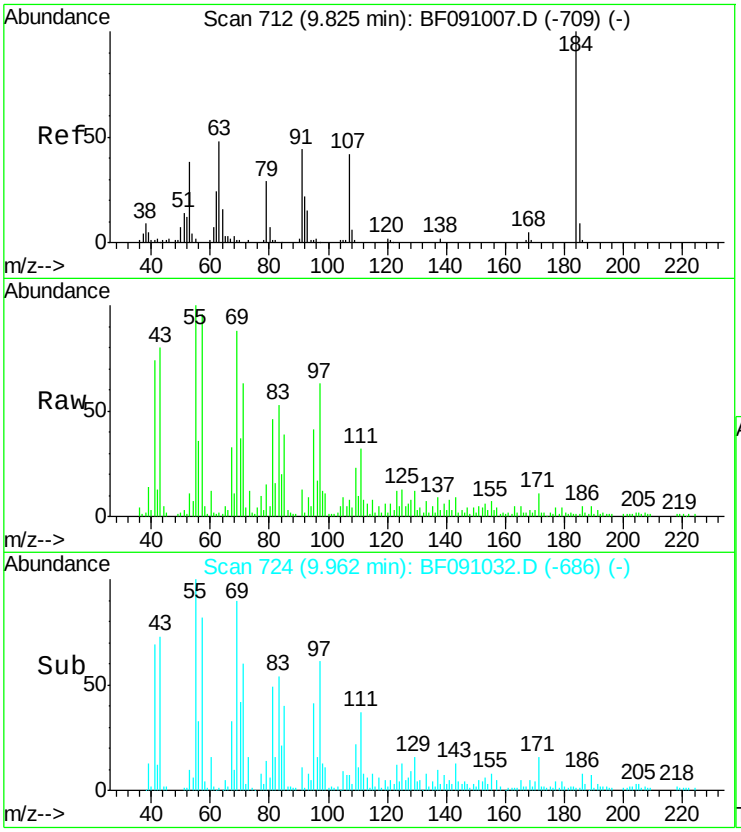


#49
Dimethylphthalate
Concen: 24.33 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:163 Resp: 636472

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.7	13.1



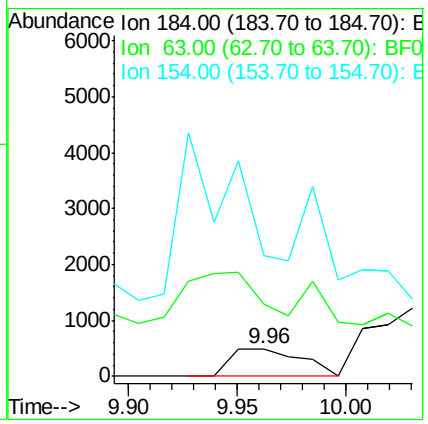


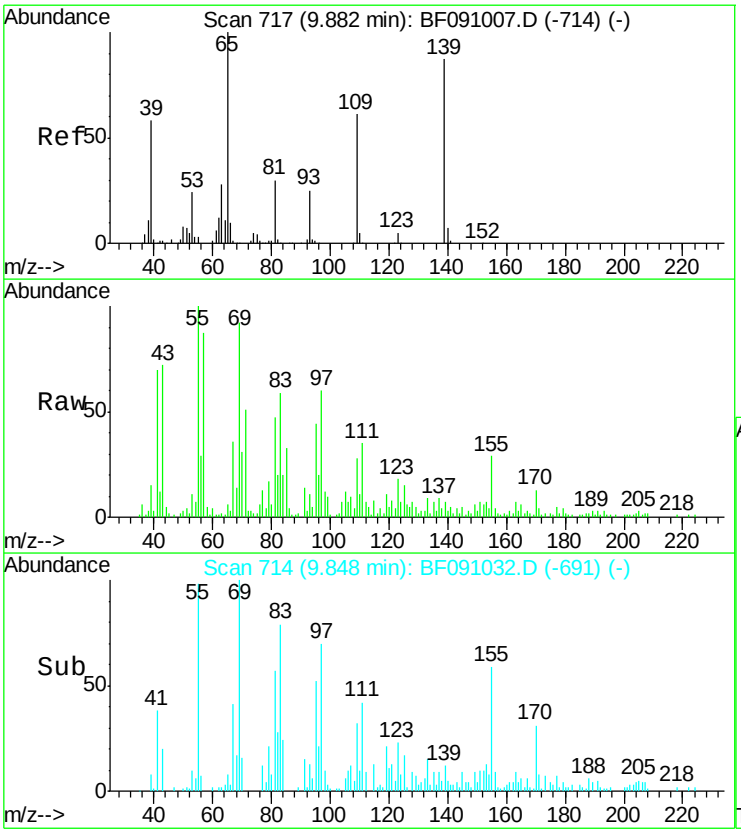
#53
2,4-Dinitrophenol
Concen: 6.60 ng
RT: 9.96 min Scan# 724
Delta R.T. 0.14 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:184 Resp: 1122

Ion	Ratio	Lower	Upper
184	100		
63	257.5	45.5	68.3#
154	434.8	51.0	76.4#

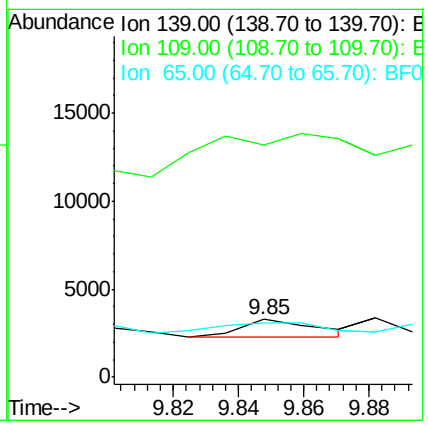


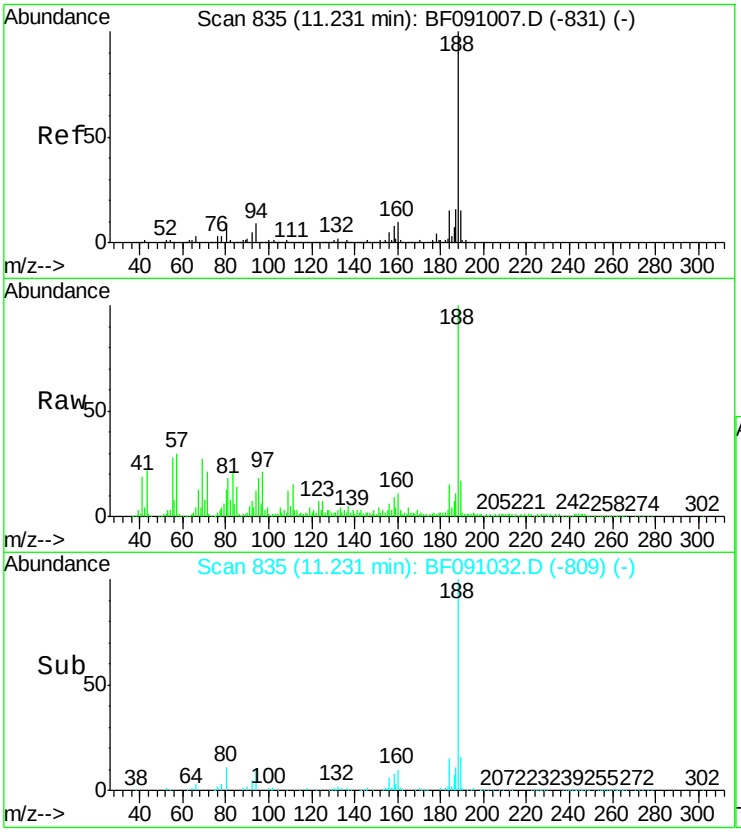


#55
4-Nitrophenol
Concen: 6.09 ng
RT: 9.85 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:139 Resp: 1694

Ion	Ratio	Lower	Upper
139	100		
109	402.4	50.5	90.5#
65	93.5	97.1	137.1#



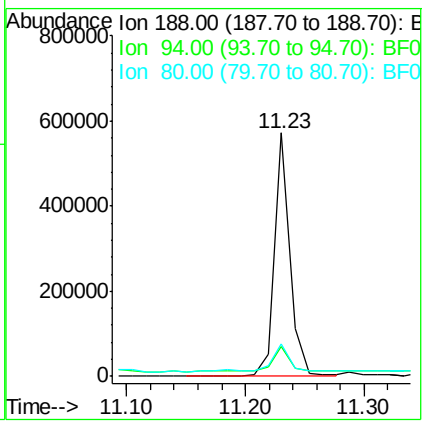


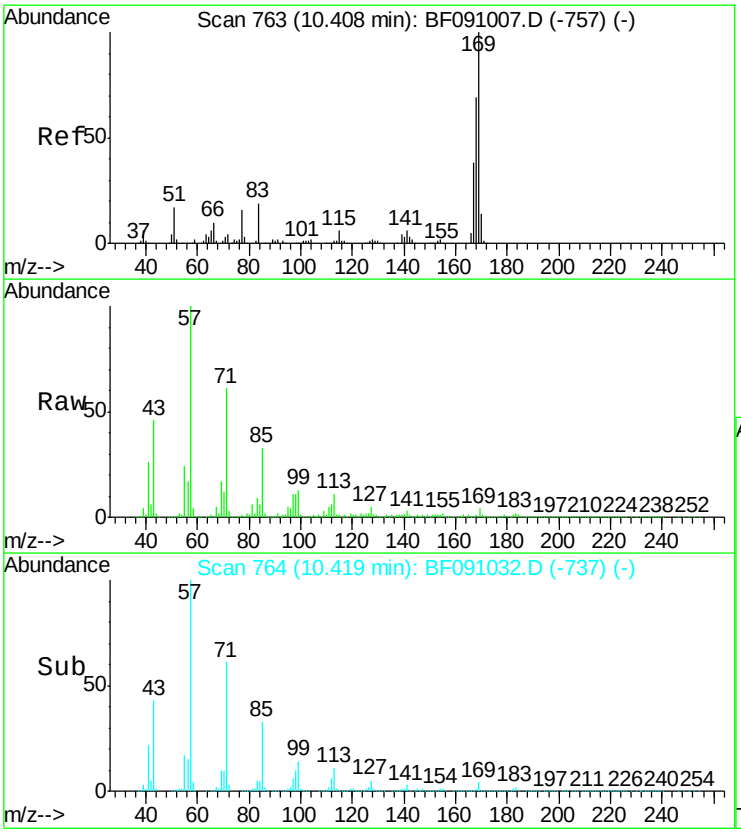
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:188 Resp: 515359

Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.0	10.4#
80	13.2	7.5	11.3#

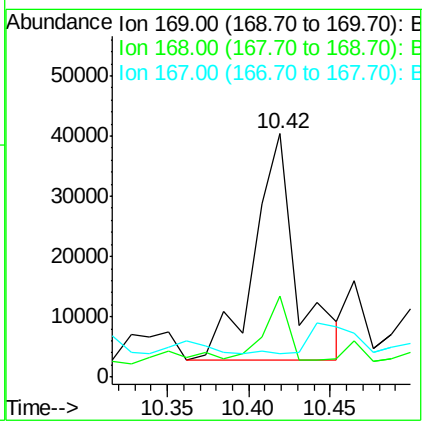


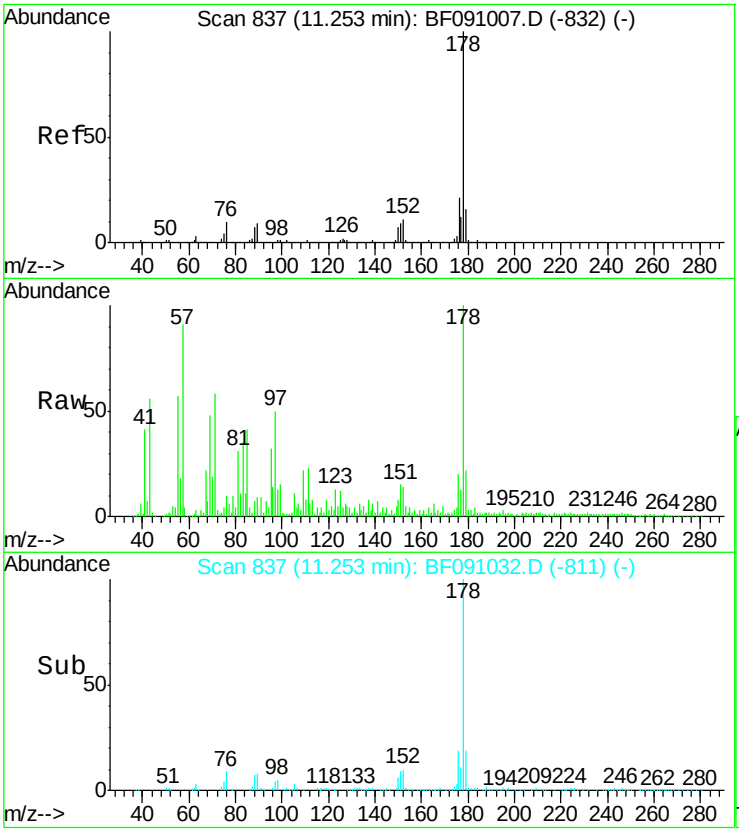


#65
n-Nitrosodiphenylamine
Concen: 4.09 ng
RT: 10.42 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:169 Resp: 67015

Ion	Ratio	Lower	Upper
169	100		
168	33.4	55.3	82.9#
167	9.7	30.3	45.5#



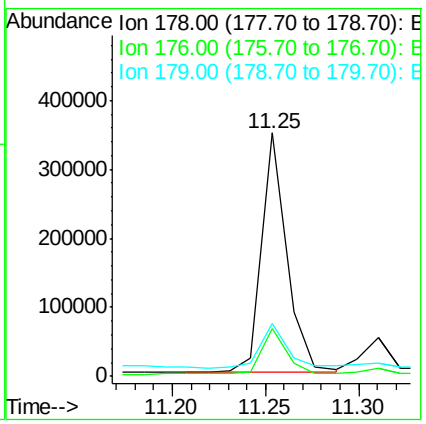


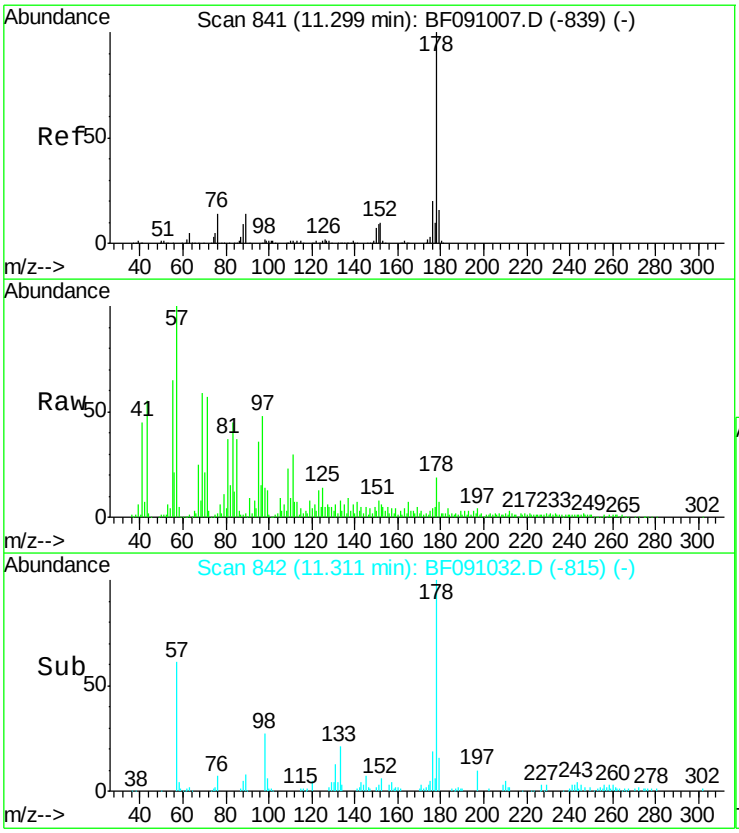
#70
Phenanthrene
Concen: 11.72 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:178 Resp: 321020

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	22.0	12.9	19.3#

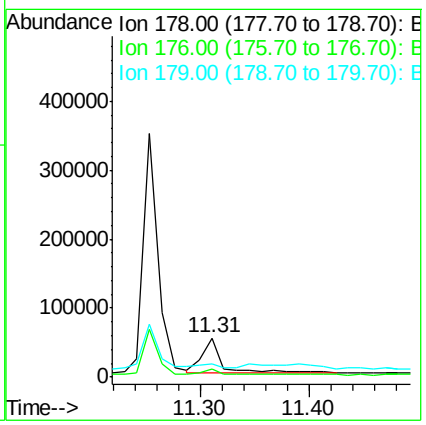


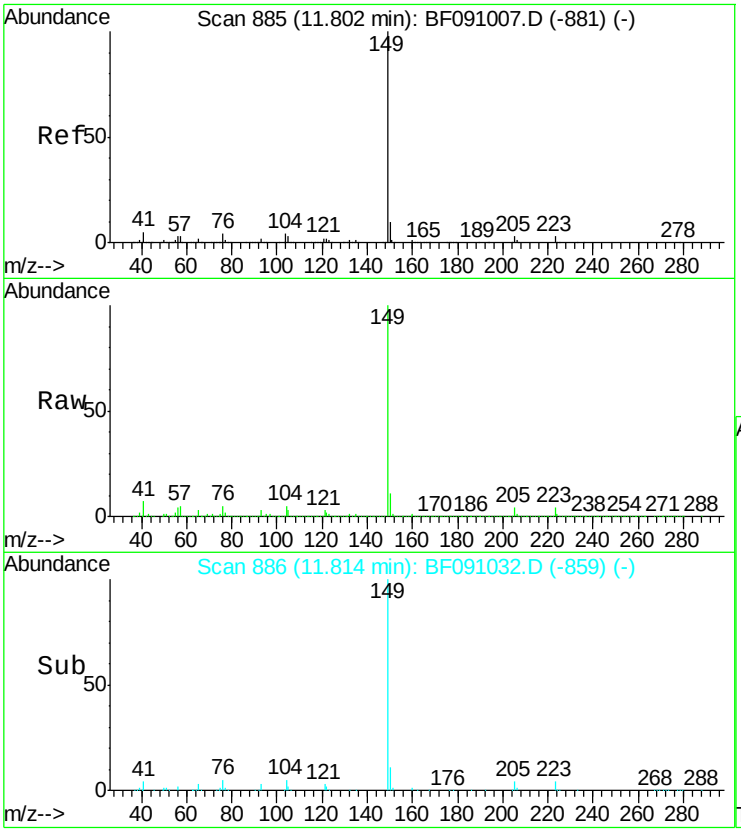


#71
Anthracene
Concen: 2.37 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:178 Resp: 69023

Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.0	24.0
179	35.3	13.0	19.6#



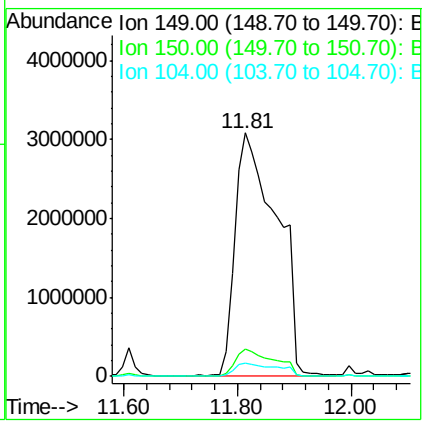


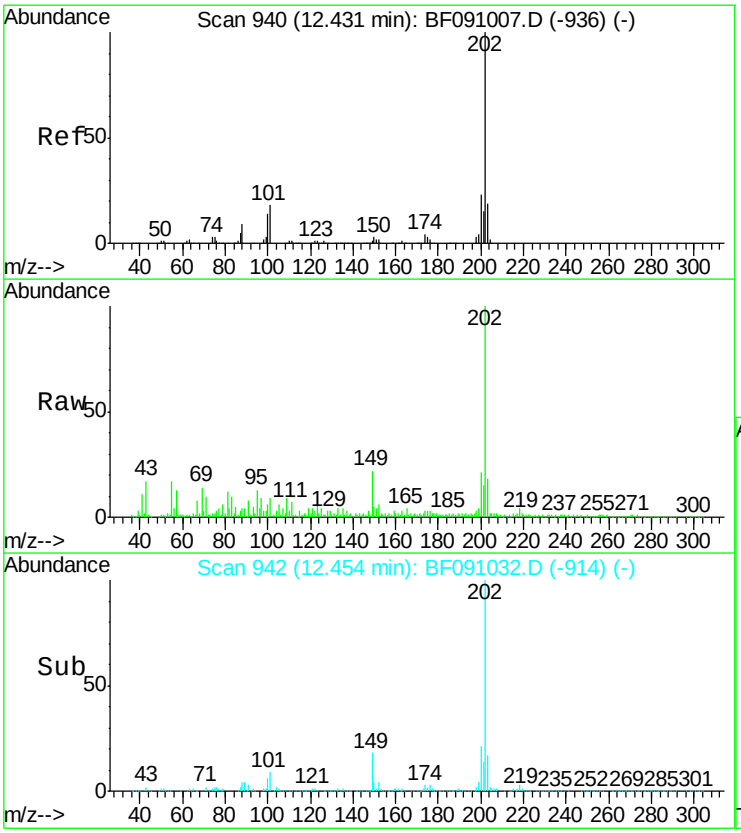
#73
Di-n-butylphthalate
Concen: 479.55 ng
RT: 11.81 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:149 Resp:15830588

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.7	11.5
104	5.3	3.6	5.4

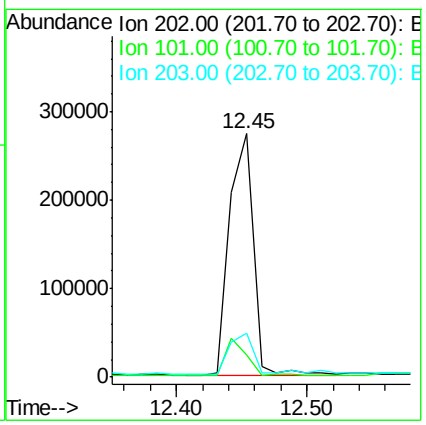


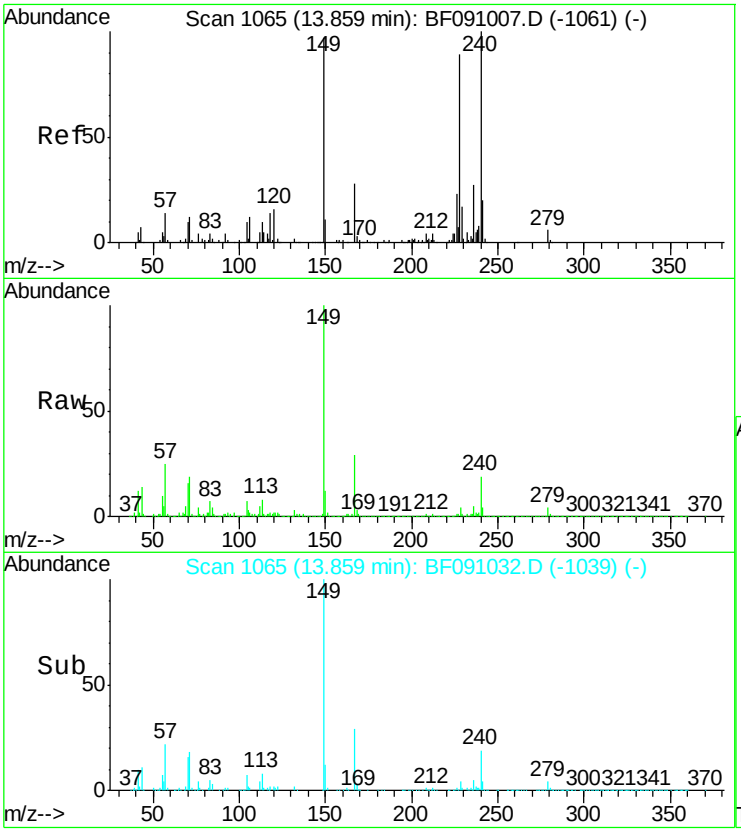


#74
Fluoranthene
Concen: 12.16 ng
RT: 12.45 min Scan# 942
Delta R.T. 0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:202 Resp: 345566

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	37.6
203	18.1	0.0	38.6



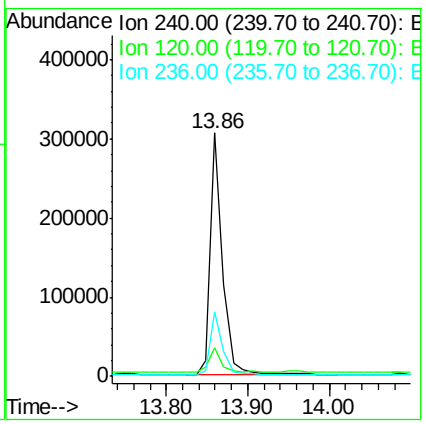


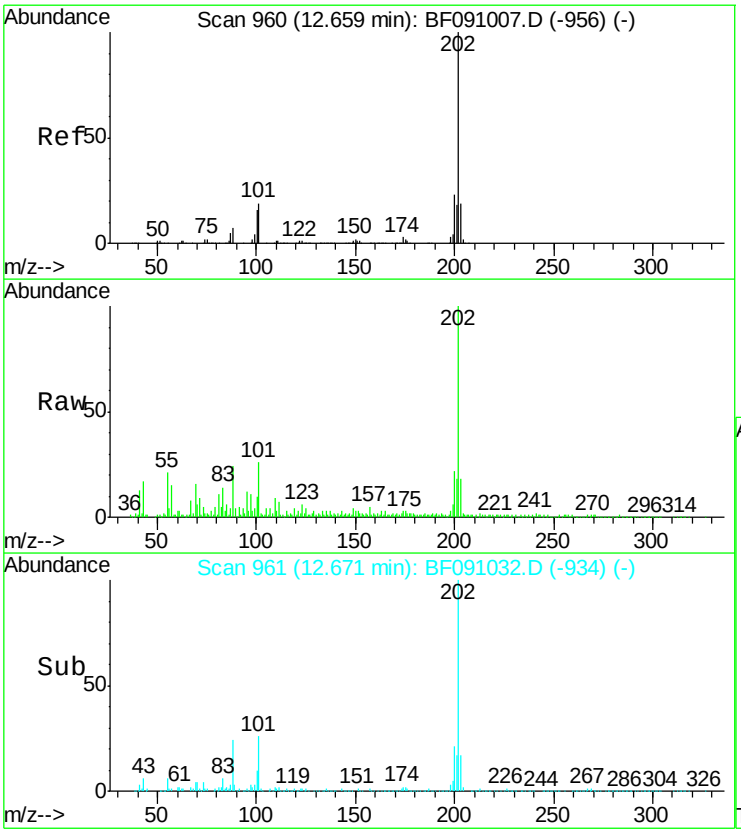
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:240 Resp: 322410

Ion	Ratio	Lower	Upper
240	100		
120	12.0	12.9	19.3#
236	26.7	21.9	32.9

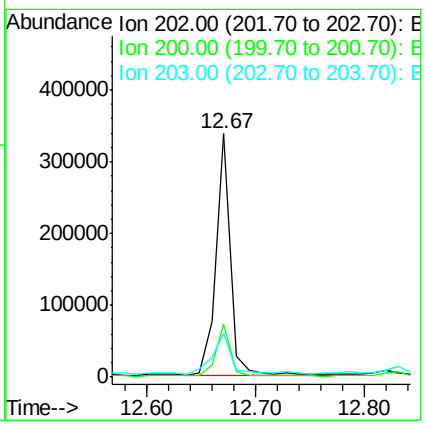


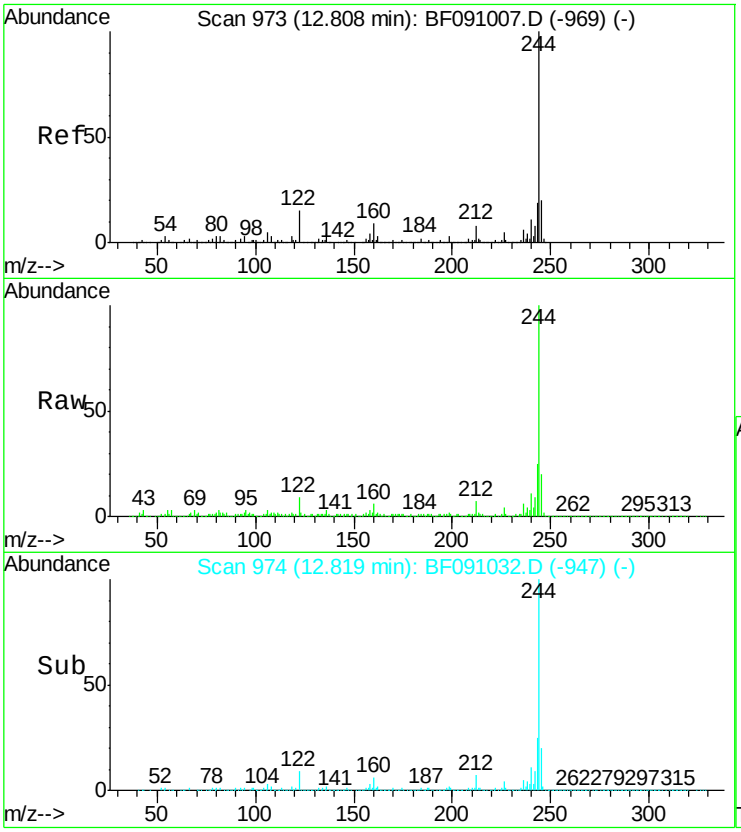


#77
Pyrene
Concen: 14.79 ng
RT: 12.67 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:202 Resp: 312269

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.4	27.6
203	18.3	15.0	22.6



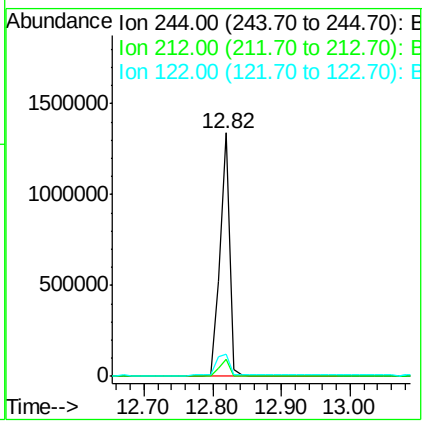


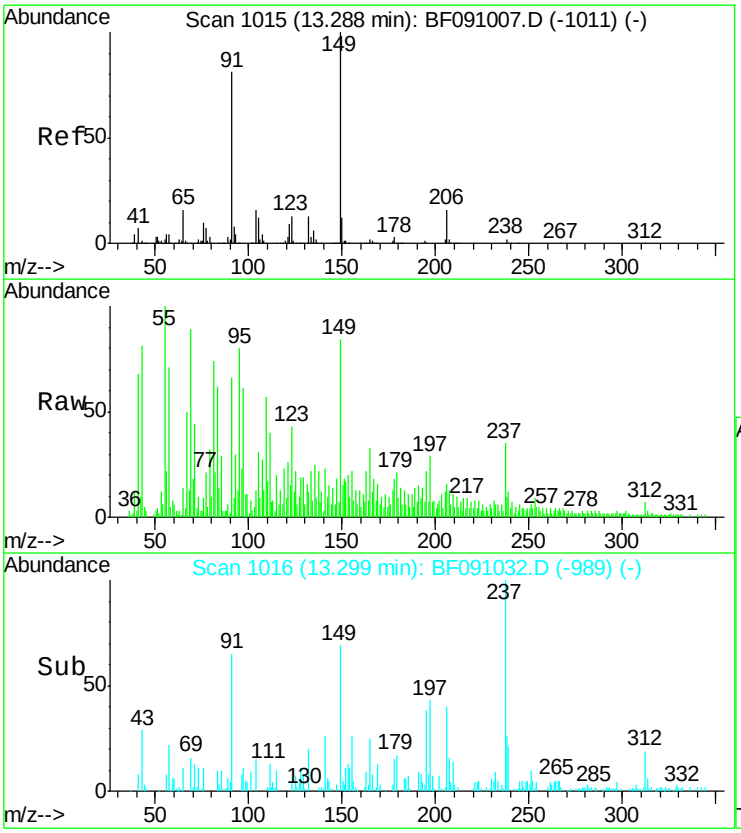
#78
Terphenyl-d14
Concen: 102.48 ng
RT: 12.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:244 Resp: 1324013

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.4	12.3	18.5#

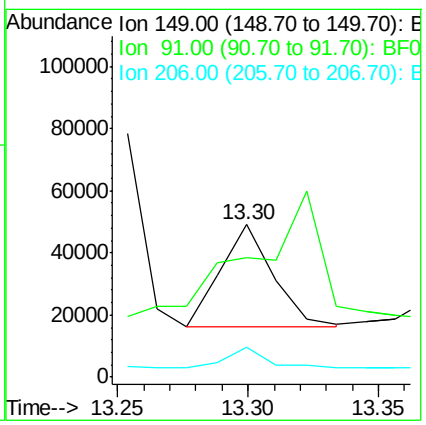


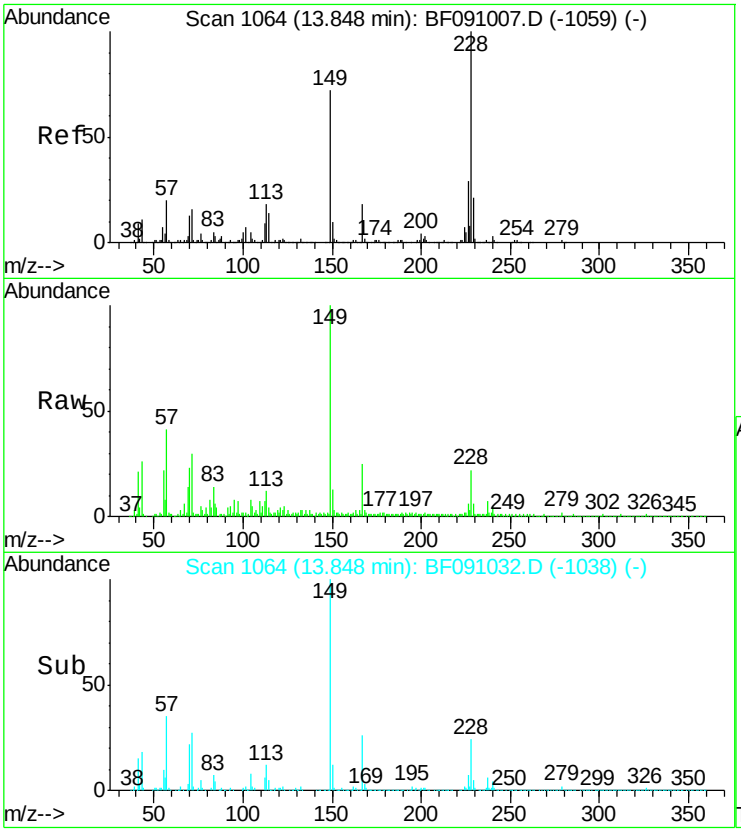


#79
Butylbenzylphthalate
Concen: 4.50 ng
RT: 13.30 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:149 Resp: 45477

Ion	Ratio	Lower	Upper
149	100		
91	78.6	65.0	97.4
206	19.6	12.5	18.7#



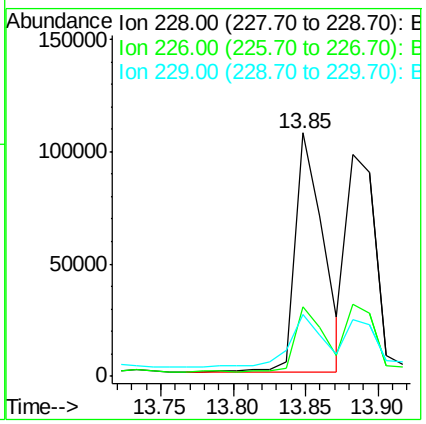


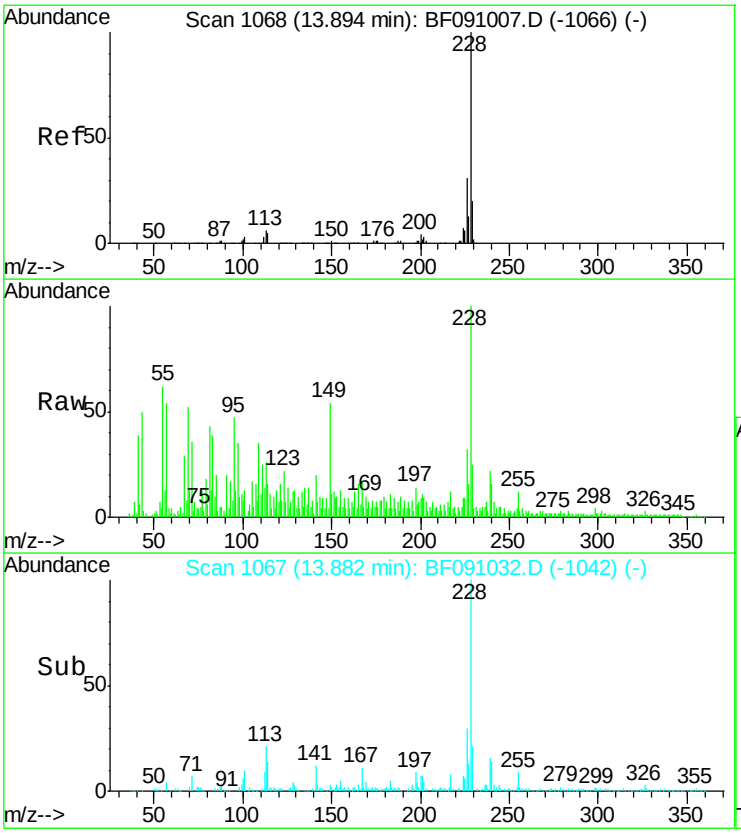
#80
Benzo(a)anthracene
Concen: 7.79 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:228 Resp: 142514

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	25.2	16.6	24.8#

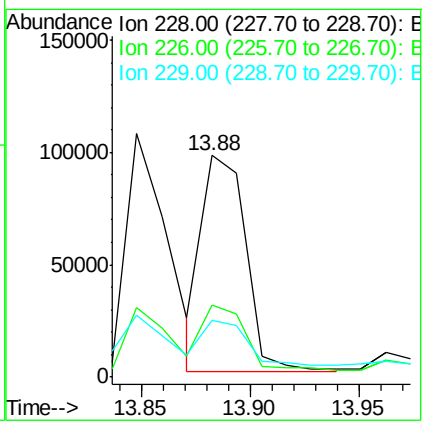


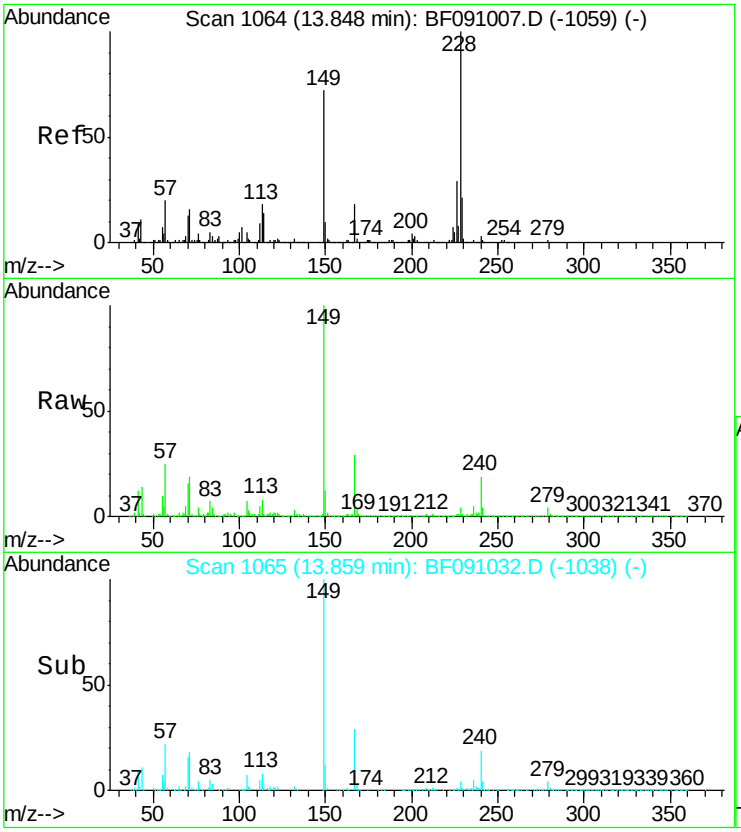


#82
Chrysene
Concen: 7.45 ng
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:228 Resp: 134512

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	25.4	15.9	23.9#



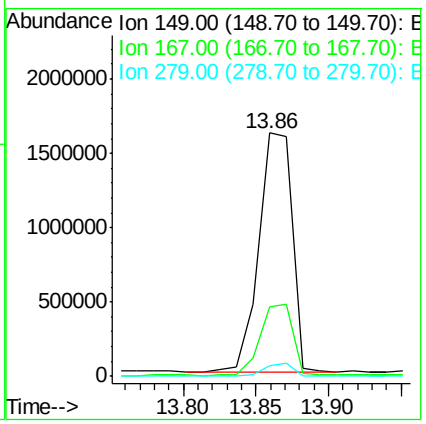


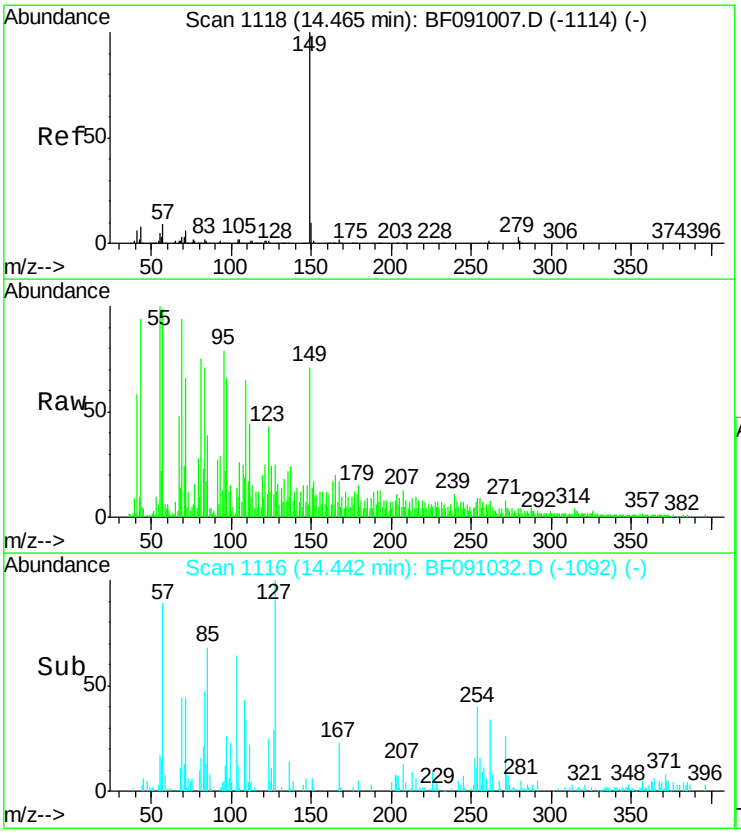
#83
Bis(2-ethylhexyl)phthalate
Concen: 189.18 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:149 Resp: 2585673

Ion	Ratio	Lower	Upper
149	100		
167	28.7	20.4	30.6
279	4.1	1.6	2.4#

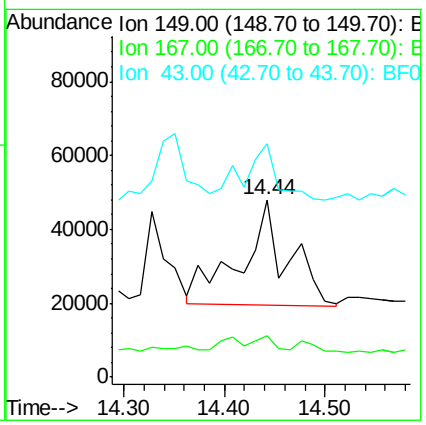


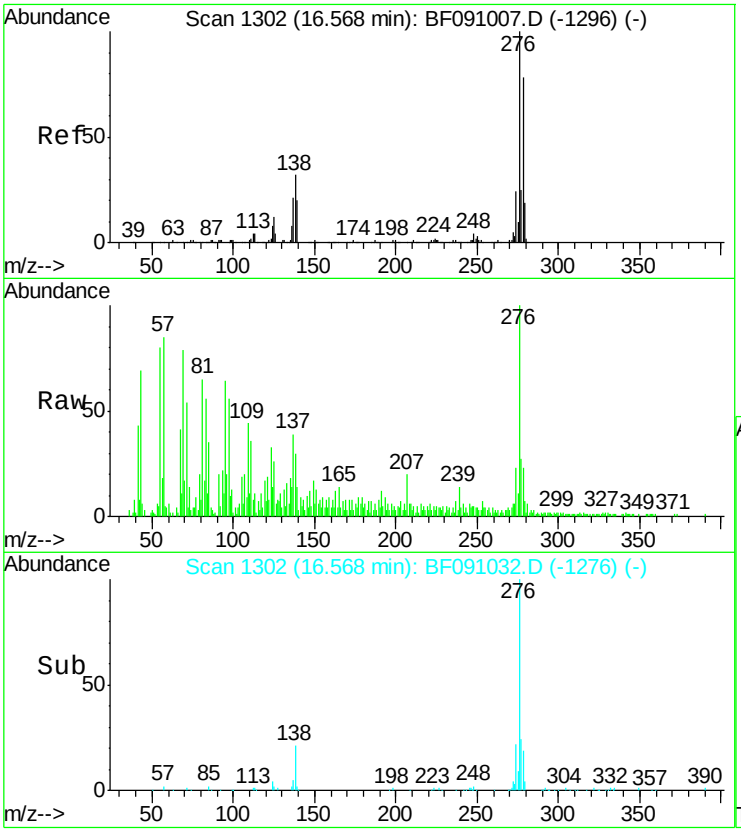


#84
Di-n-octyl phthalate
Concen: 4.08 ng
RT: 14.44 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:149 Resp: 91787

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	39.0	8.2	12.4#



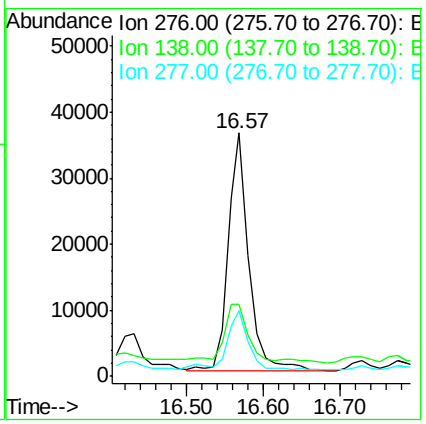


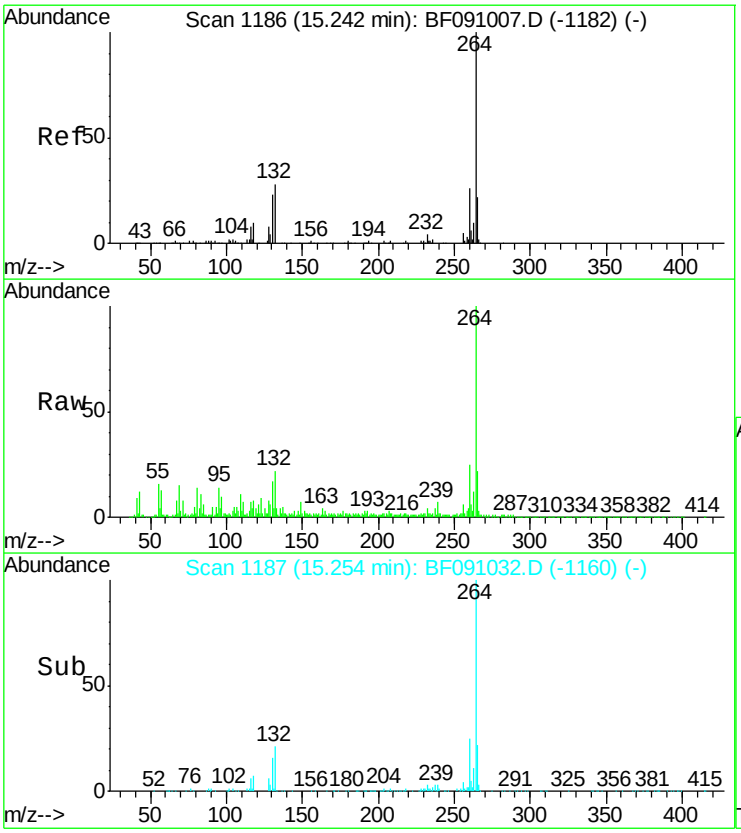
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.58 ng
RT: 16.57 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:276 Resp: 68524

Ion	Ratio	Lower	Upper
276	100		
138	25.5	26.0	39.0#
277	26.0	20.1	30.1

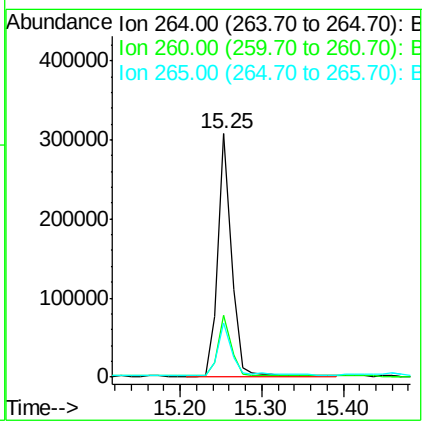


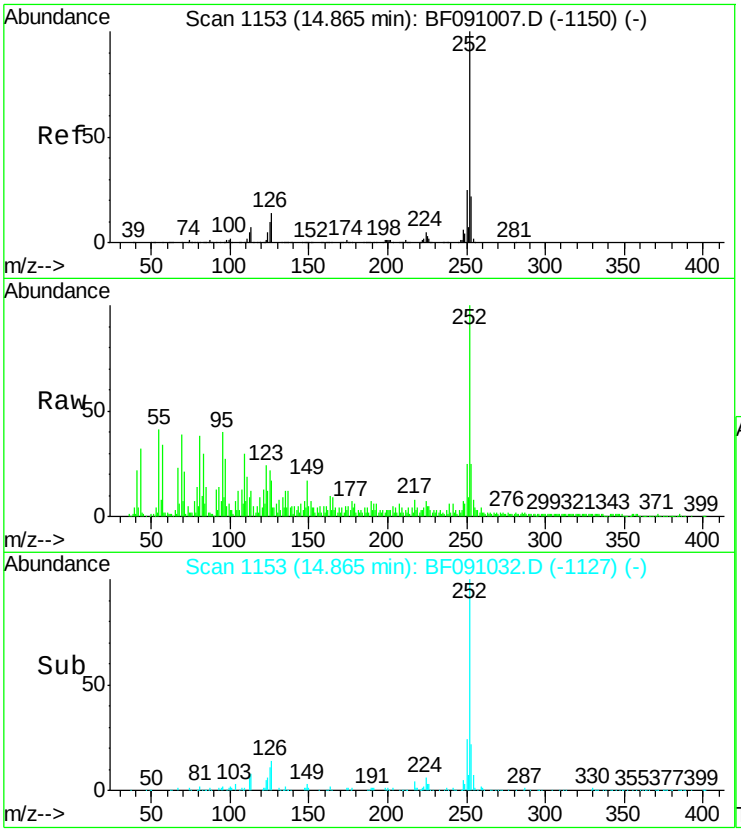


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:264 Resp: 353831

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.4	17.8	26.8



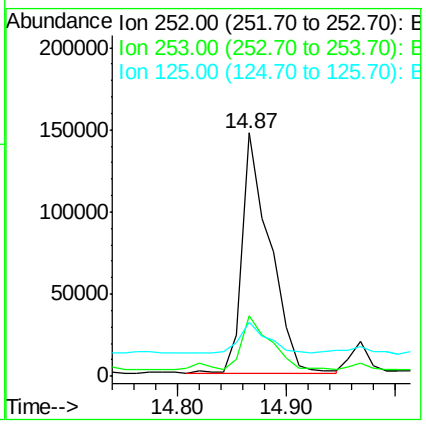


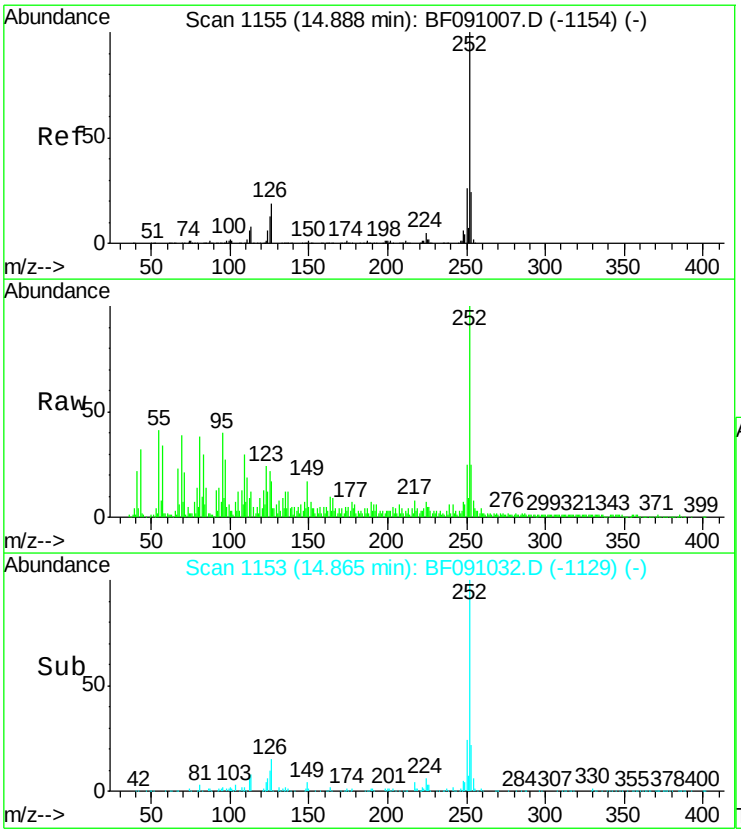
#87
Benzo(b)fluoranthene
Concen: 10.72 ng
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:252 Resp: 257301

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	22.0	8.3	12.5#

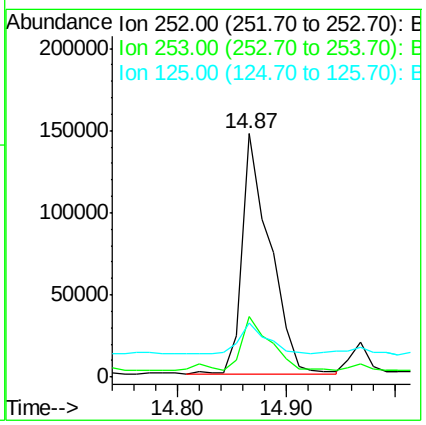


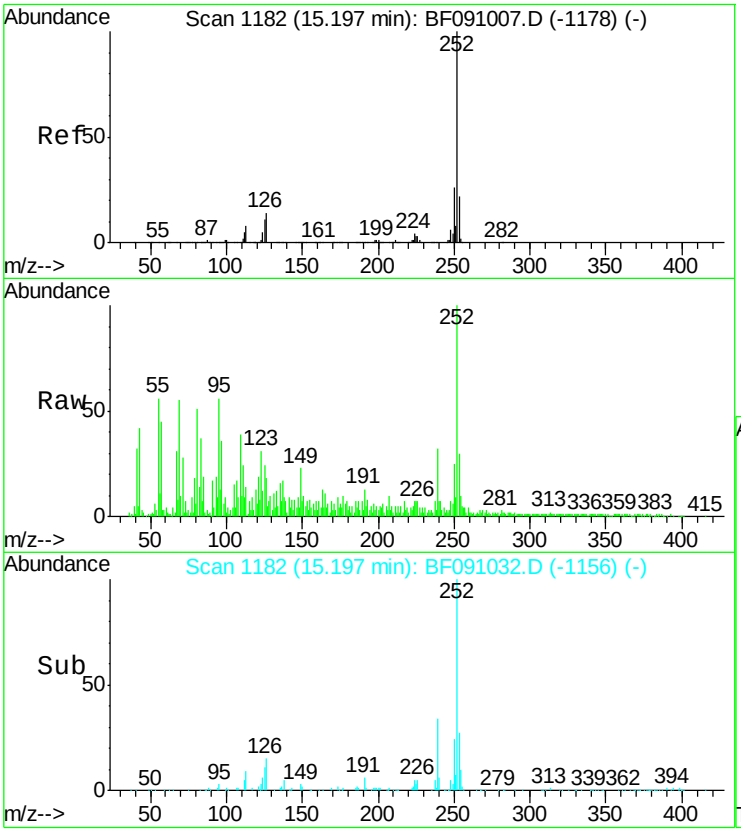


#88
Benzo(k)fluoranthene
Concen: 12.22 ng
RT: 14.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:252 Resp: 257301

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	28.0
125	22.0	11.2	16.8#



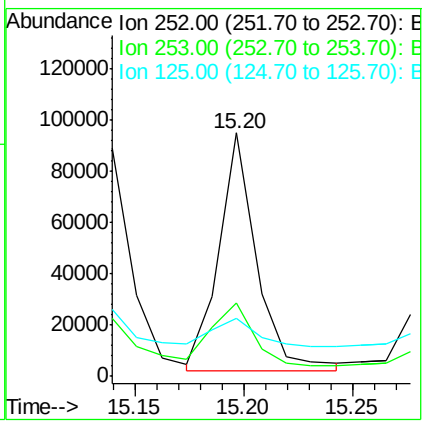


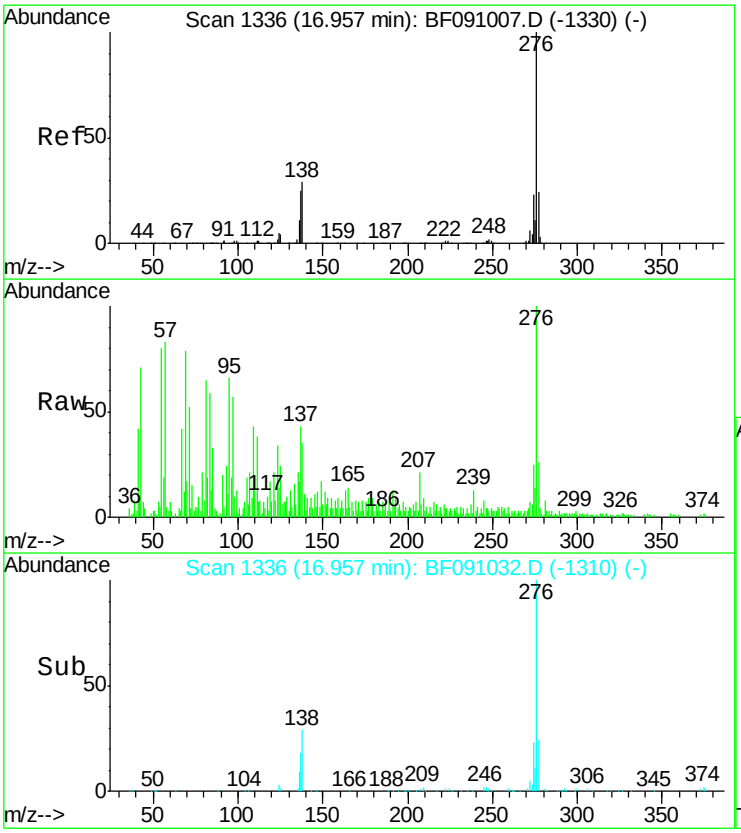
#89
Benzo(a)pyrene
Concen: 5.35 ng
RT: 15.20 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:252 Resp: 111678

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.8	26.8#
125	24.0	8.6	13.0#





#91
Benzo(g,h,i)perylene
Concen: 3.77 ng
RT: 16.96 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:276 Resp: 61570

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.2	28.8
138	35.3	23.3	34.9#