Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100544.D
Acq On : 14 Nov 2017 15:58
Operator : SJ/JU
Sample : I6301-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-A

Quant Time: Nov 14 16:27:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134294	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	495554	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	195715	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	312255	20.00	ng		0.00
75) Chrysene-d12	14.04	240	267568	20.00	ng		0.00
86) Perylene-d12	15.52	264	192967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	780931	93.22	ng		0.01
7) Phenol-d6	6.51	99	955565	92.50	ng		0.00
23) Nitrobenzene-d5	7.45	82	580805	77.49	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	173415	86.95	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	887576	69.06	ng		0.00
78) Terphenyl-d14	12.99	244	626069	53.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	16797	2.277	ng		83
10) Phenol	6.52	94	41756	3.850	ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	76208	10.637	ng	#	82
25) Isophorone	7.45	82	580796	36.873	ng	#	64
32) Benzoic acid	7.81	122	110	9.387	ng	#	1
47) 2-Nitroaniline	9.63	65	1329	3.129	ng	#	1
49) Dimethylphthalate	9.63	163	168000	11.243	ng		98
56) 2,4-Dinitrotoluene	9.92	165	25155	6.741	ng	#	24
62) Azobenzene	10.63	77	116031	8.238	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.71	198	241	8.696	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	10951	3.272	ng	#	1
74) Fluoranthene	12.62	202	81117	4.655	ng		98
77) Pyrene	12.85	202	75229	3.944	ng		99
80) Benzo(a)anthracene	14.03	228	47908	2.973	ng		93
82) Chrysene	14.07	228	44497	2.852	ng		96
87) Benzo(b)fluoranthene	15.09	252	61478	5.378	ng	#	89
88) Benzo(k)fluoranthene	15.09	252	61478	5.691	ng	#	92
89) Benzo(a)pyrene	15.46	252	32012	3.159	ng	#	89
91) Benzo(g,h,i)perylene	17.45	276	17345	2.138	ng		95

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

Quantitation Report (Not Reviewed)

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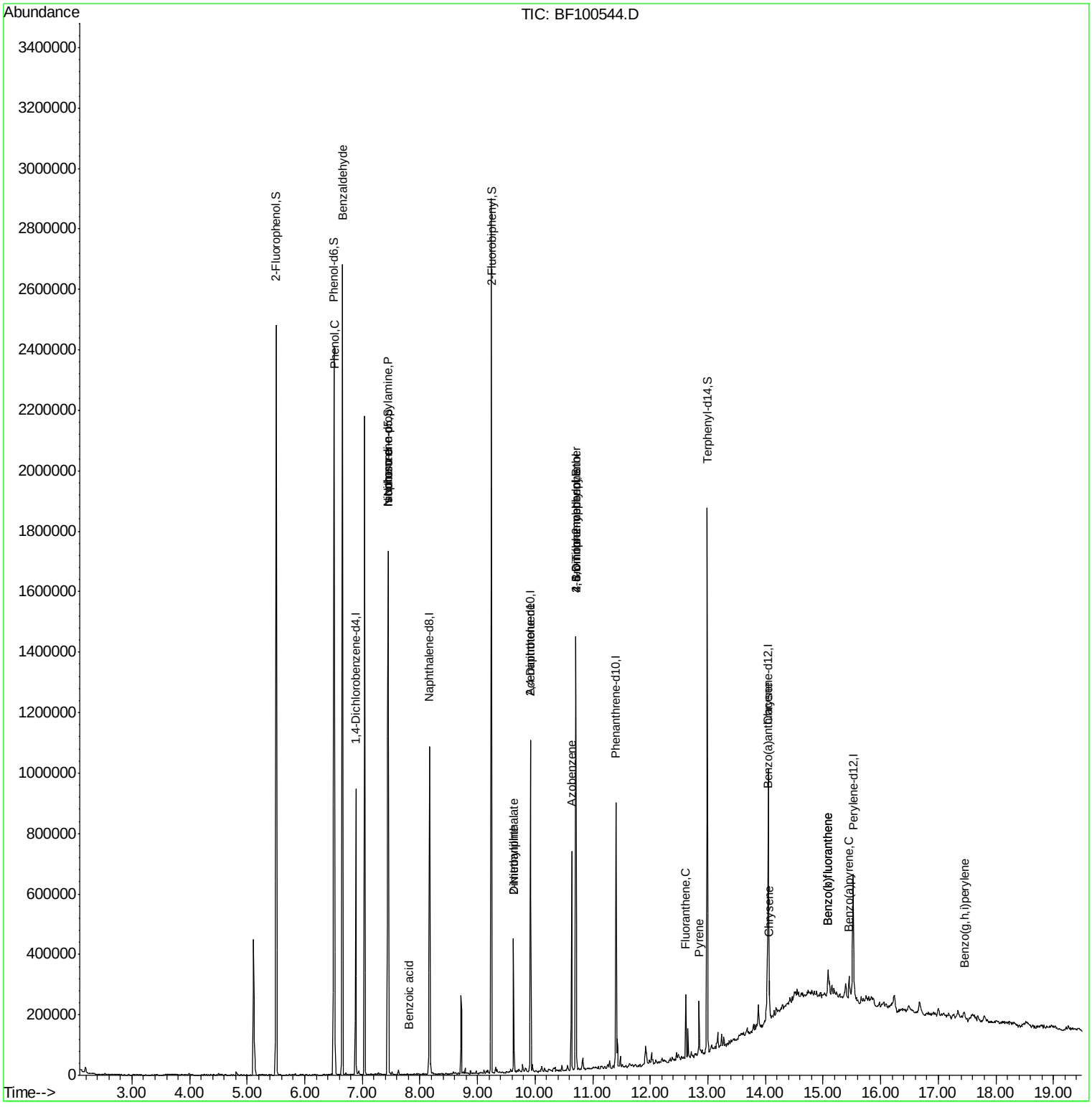
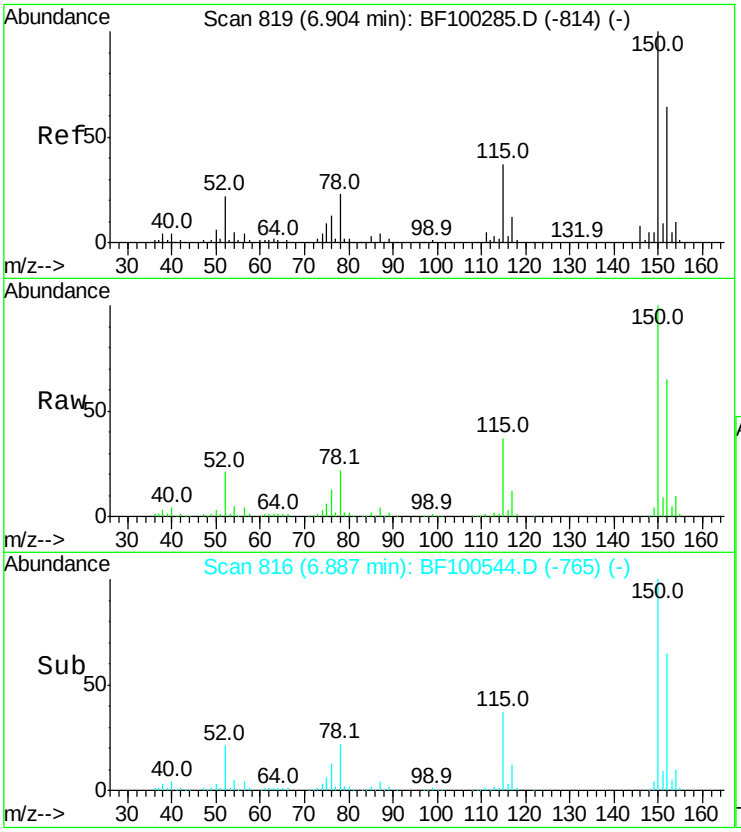


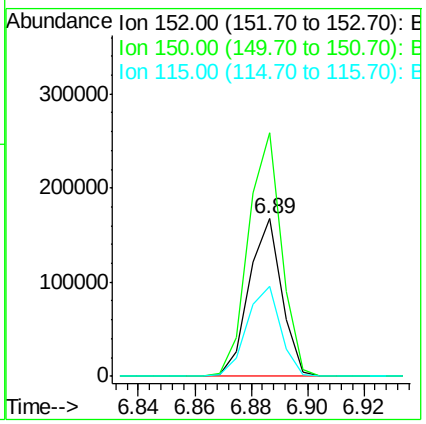


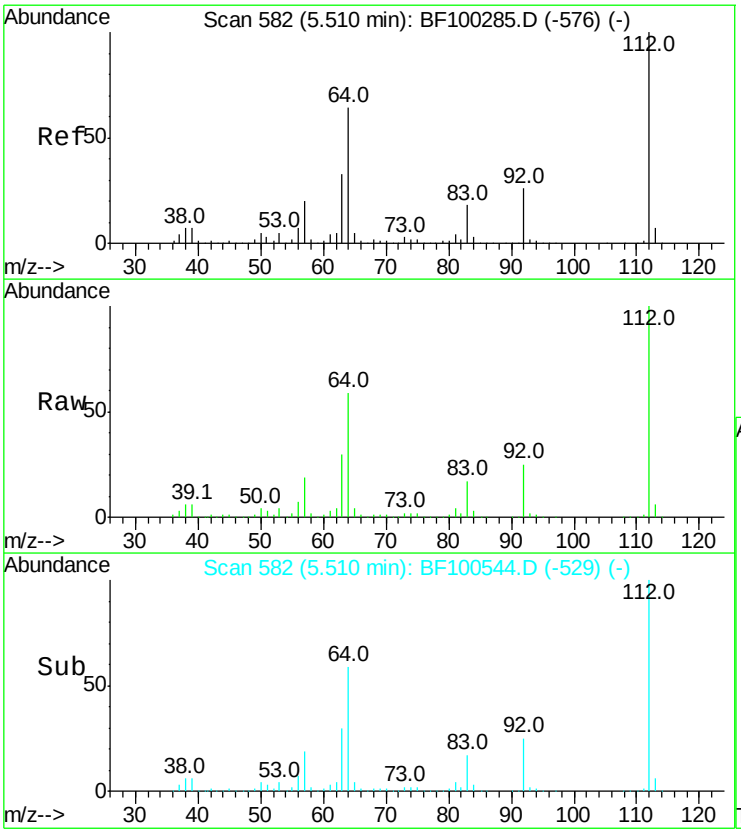
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:152 Resp: 134294

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	57.4	50.1	75.1

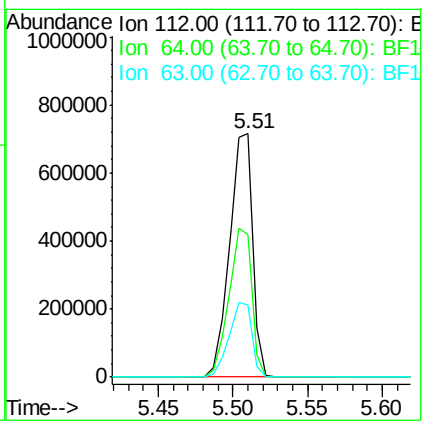


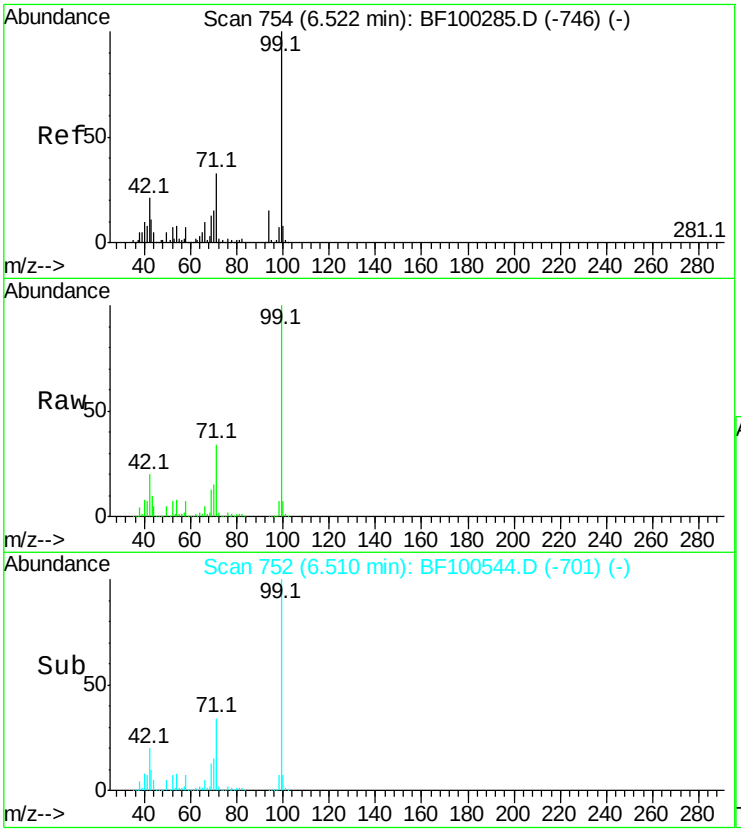


#5
2-Fluorophenol
Concen: 93.215 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:112 Resp: 780931

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.7	23.7	35.5



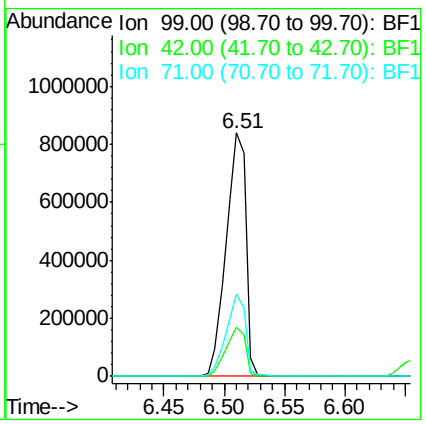


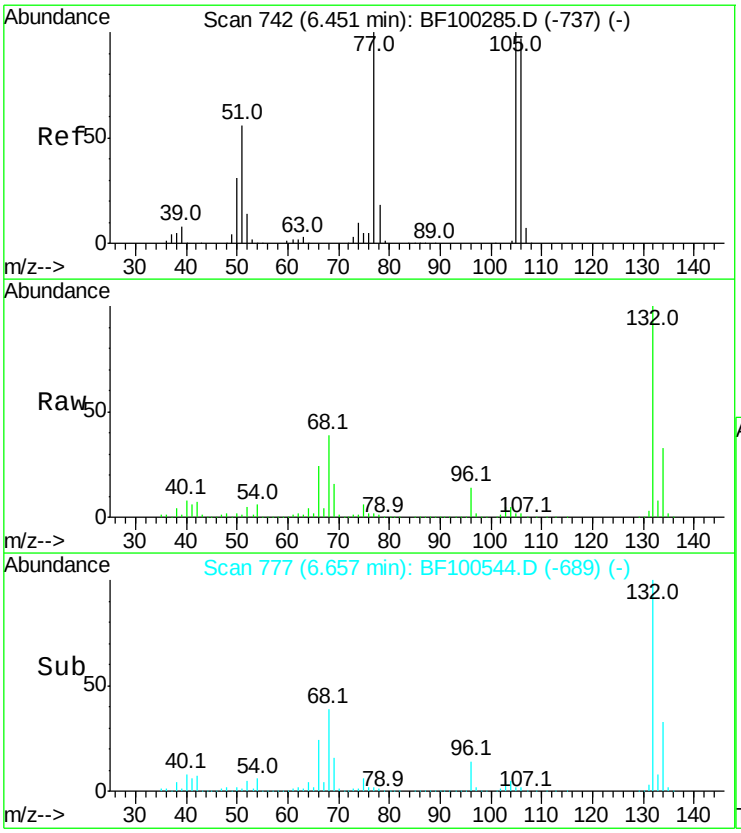
#7
Phenol-d6
Concen: 92.496 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion: 99 Resp: 955565

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	33.6	25.4	38.0

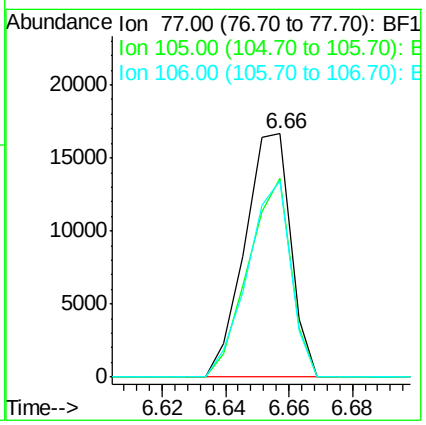


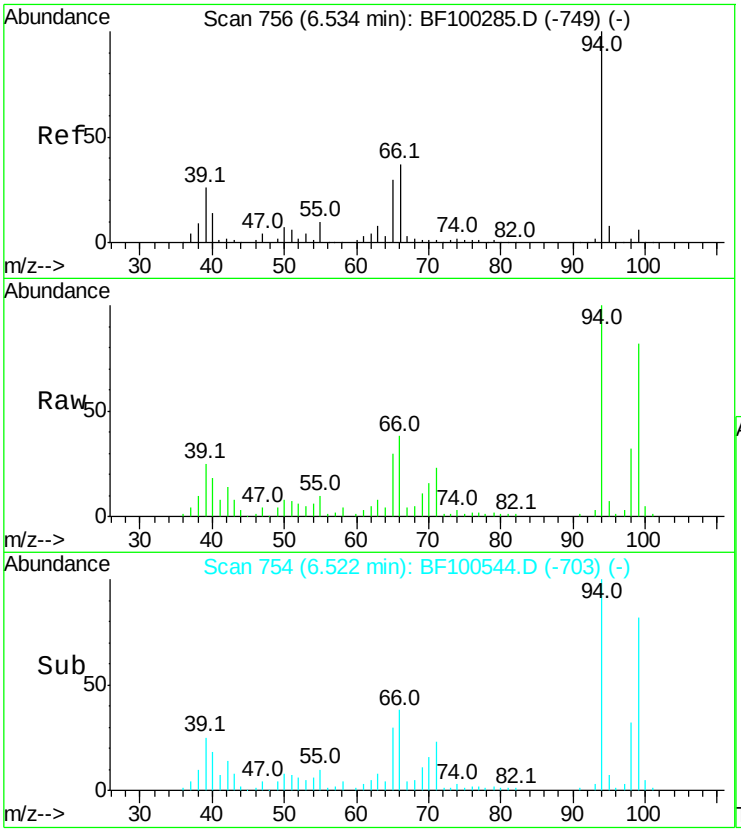


#9
Benzaldehyde
Concen: 2.277 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion: 77 Resp: 16797

Ion	Ratio	Lower	Upper
77	100		
105	81.6	81.1	121.1
106	80.4	74.5	114.5



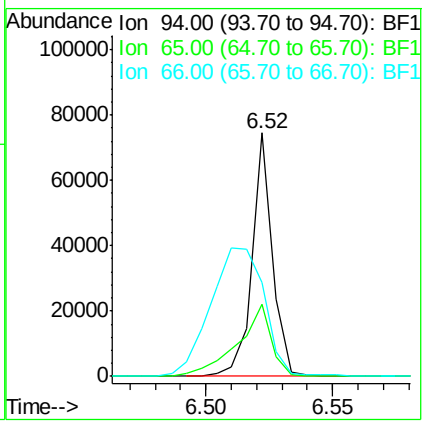


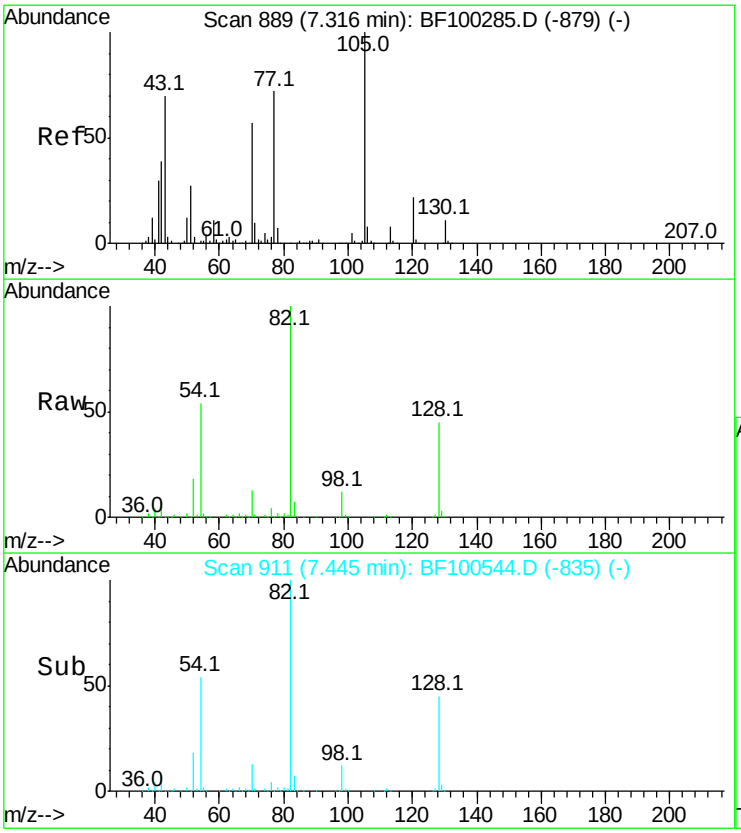
#10
Phenol
Concen: 3.850 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion: 94 Resp: 41756

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	38.4	16.2	56.2

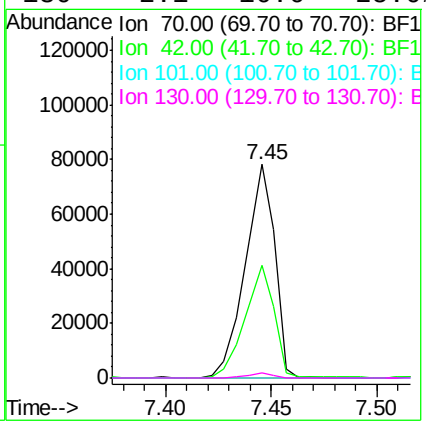


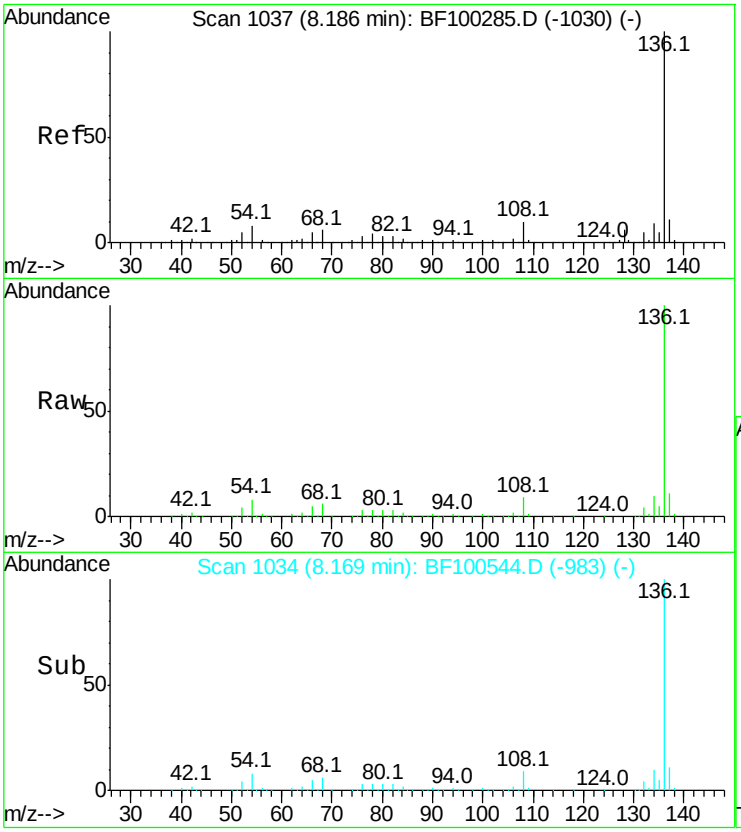


#19
n-Nitroso-di-n-propylamine
Concen: 10.637 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion: 70 Resp: 76208

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



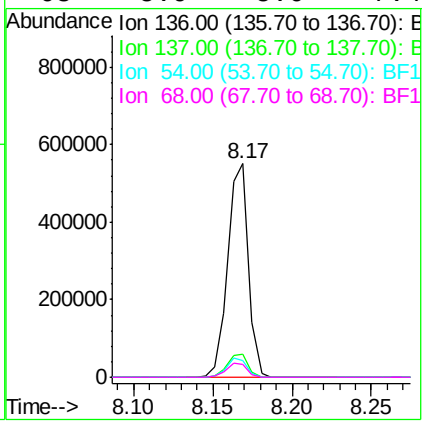


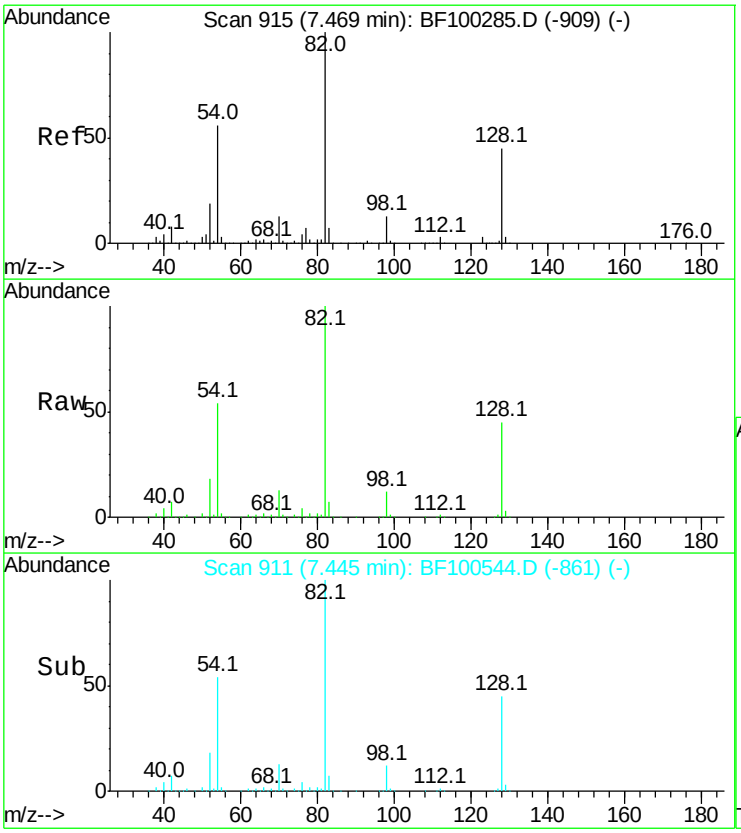
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:136 Resp: 495554

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	5.9	5.0	7.4

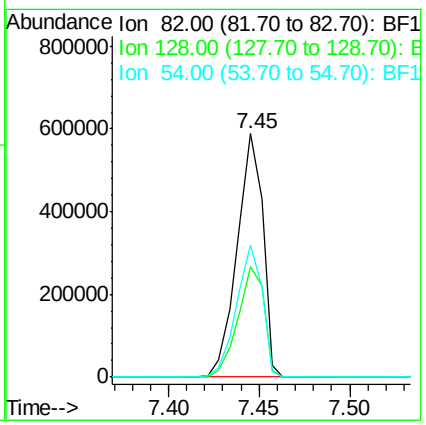


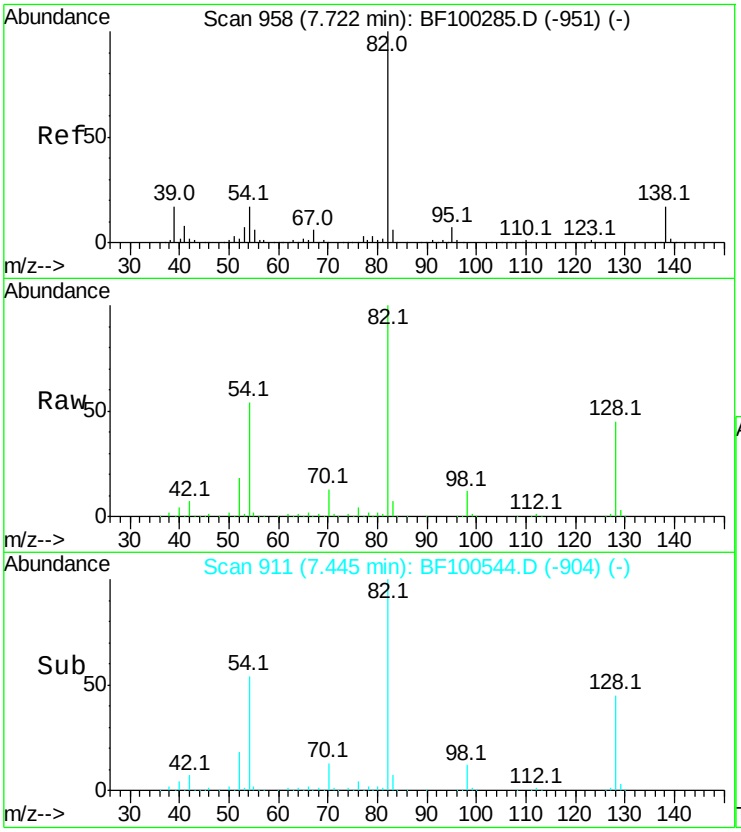


#23
Nitrobenzene-d5
Concen: 77.487 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion: 82 Resp: 580805

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	54.4	41.4	62.2



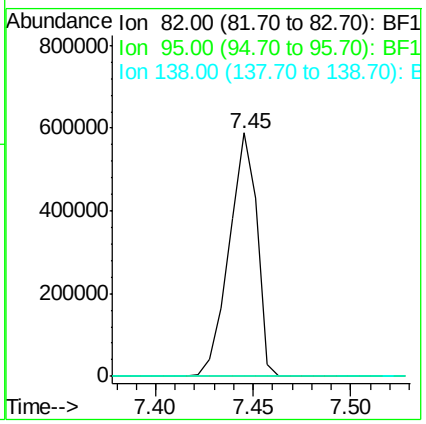


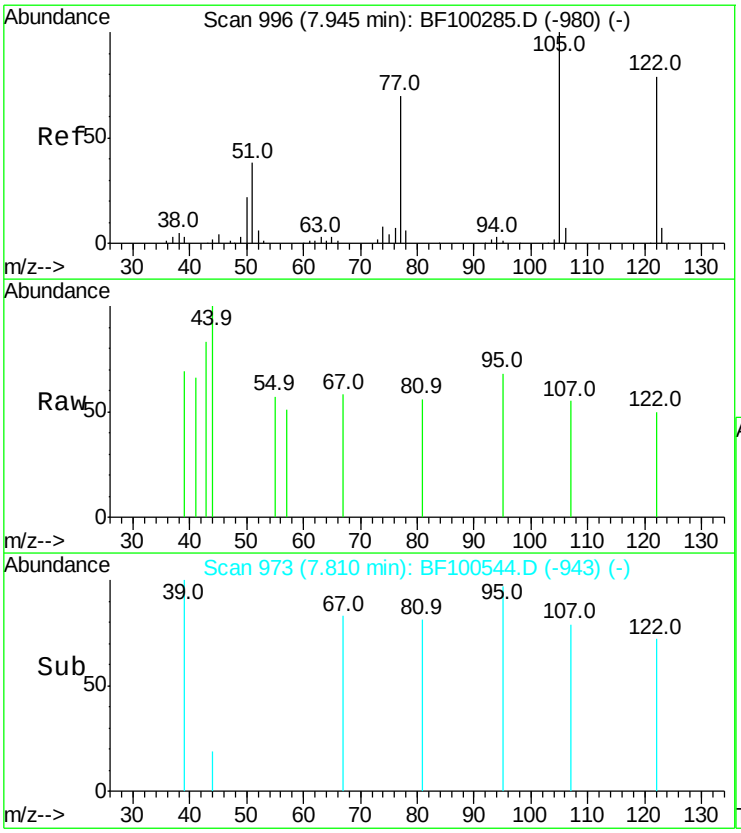
#25
Isophorone
Concen: 36.873 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion: 82 Resp: 580796

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

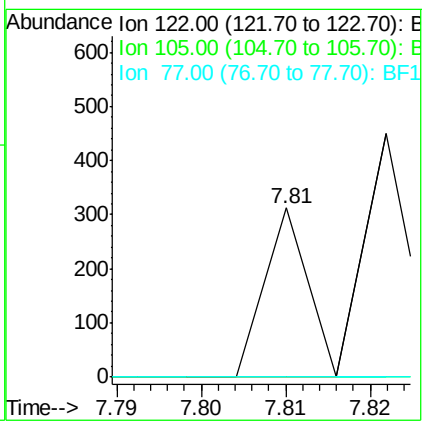


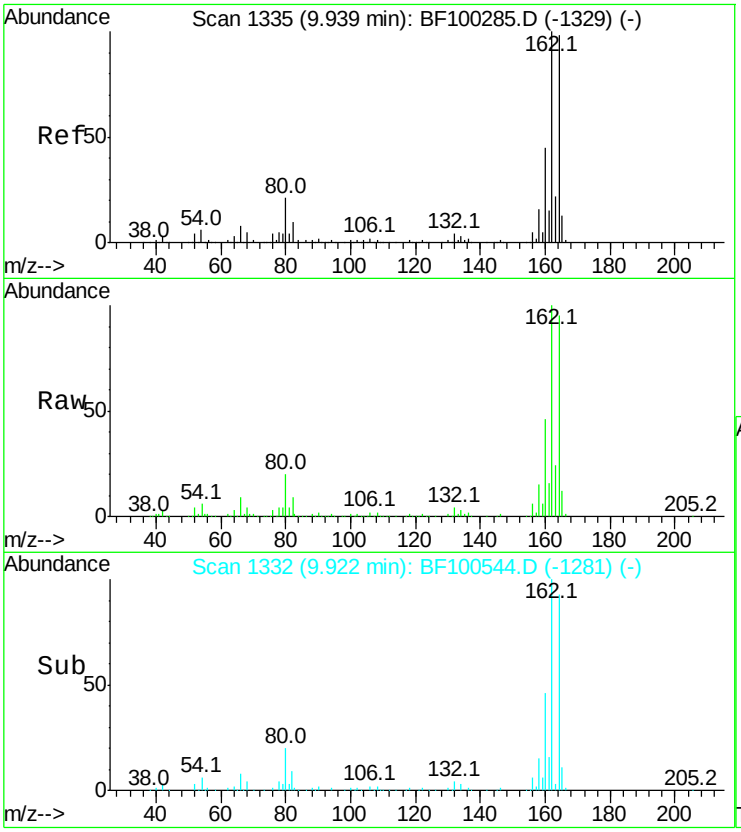


#32
Benzoic acid
Concen: 9.387 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.12 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



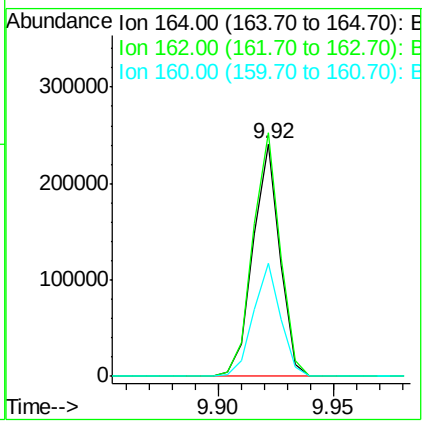


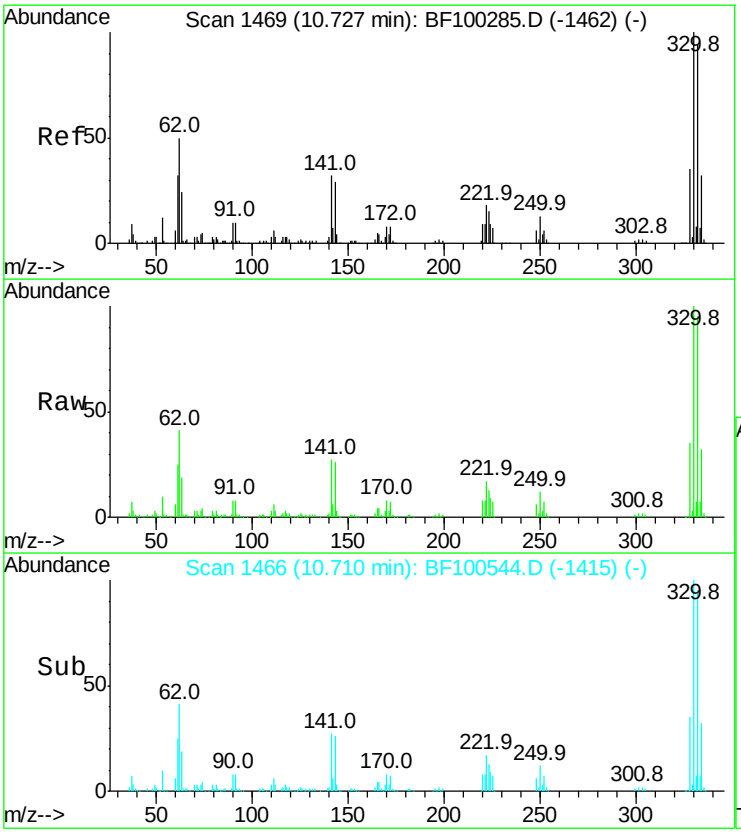
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:164 Resp: 195715

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.5	38.3	57.5

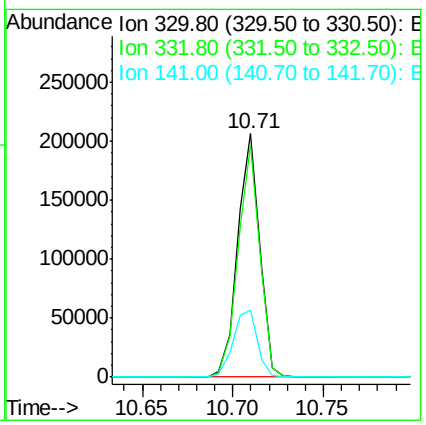


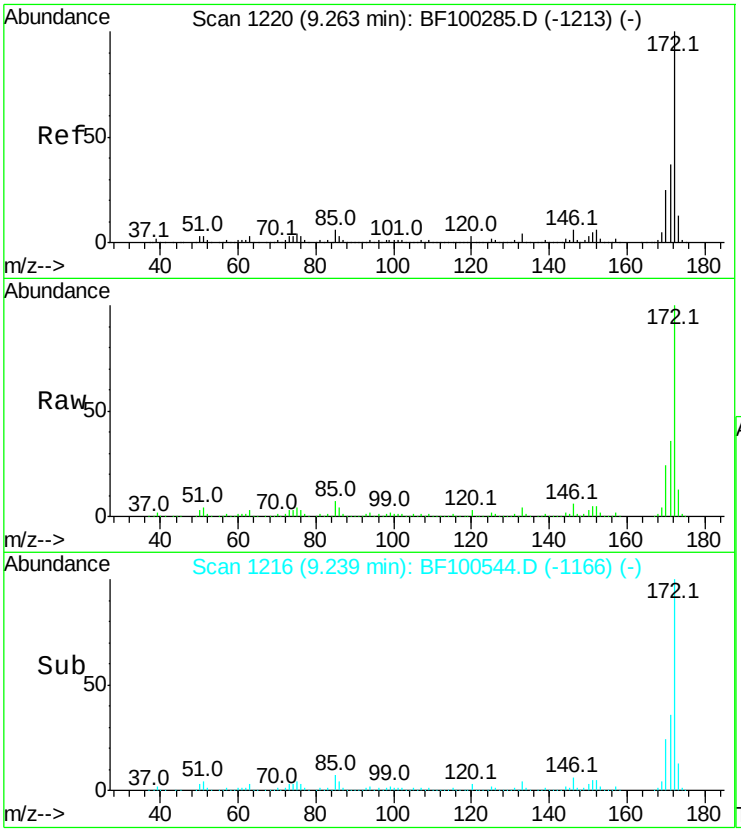


#41
2,4,6-Tribromophenol
Concen: 86.954 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:330 Resp: 173415

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	30.3	29.9	44.9



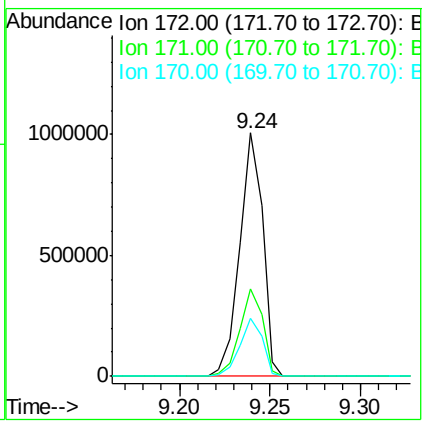


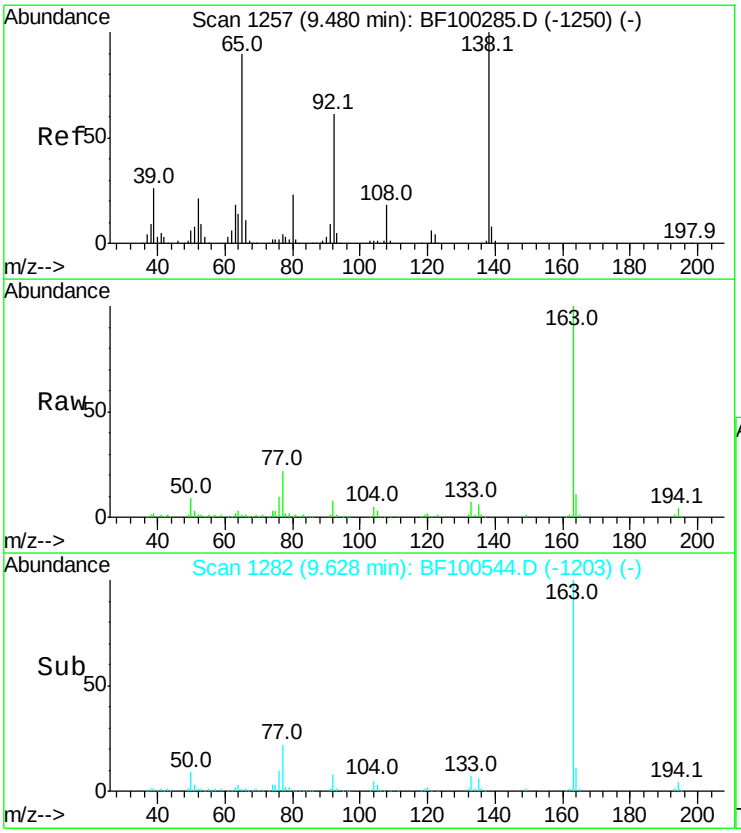
#44
2-Fluorobiphenyl
Concen: 69.056 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:172 Resp: 887576

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

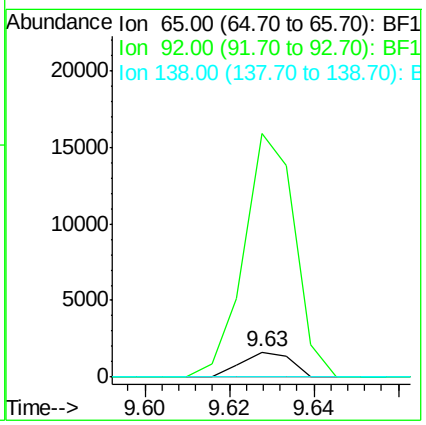


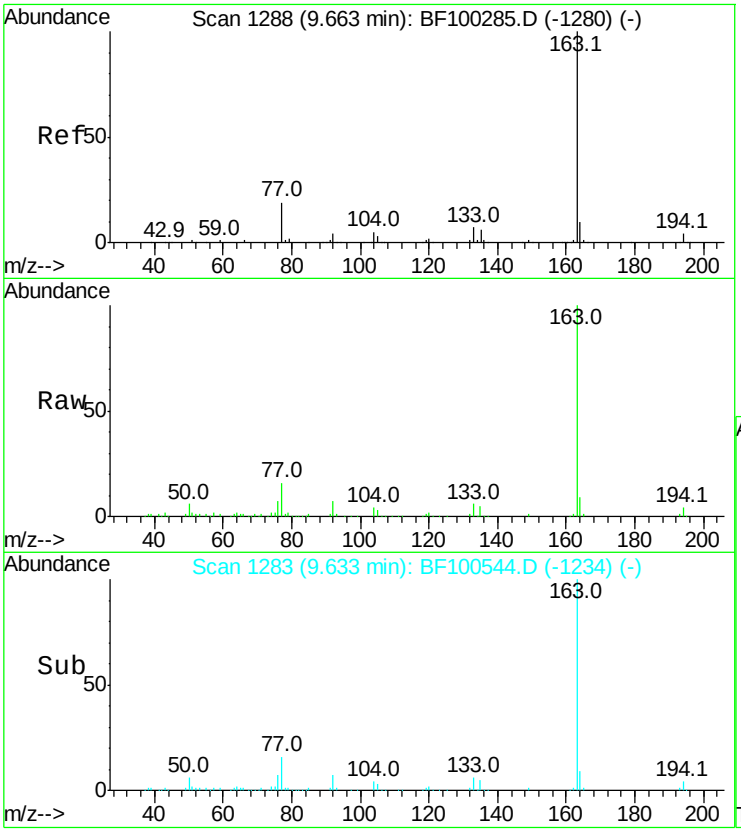


#47
2-Nitroaniline
Concen: 3.129 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion: 65 Resp: 1329

Ion	Ratio	Lower	Upper
65	100		
92	984.1	55.8	83.6#
138	0.0	91.2	136.8#



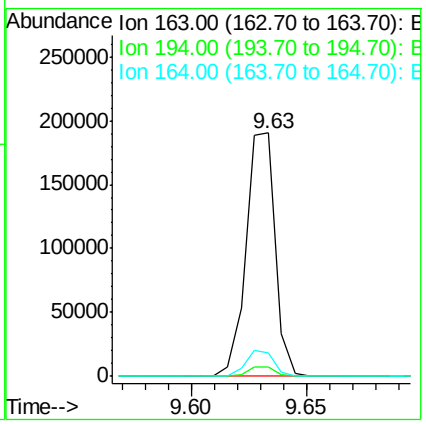


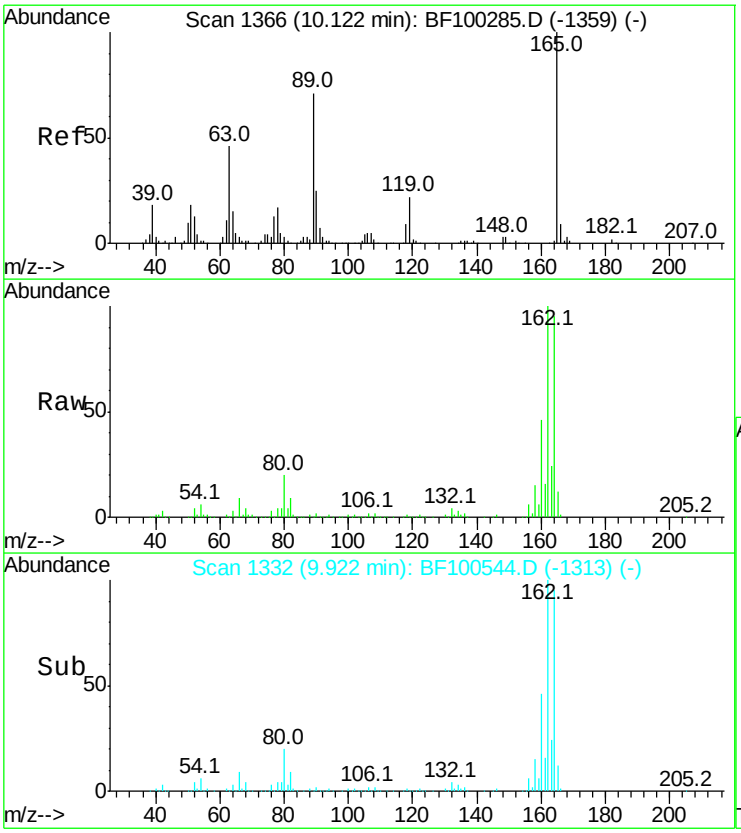
#49
Dimethylphthalate
Concen: 11.243 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:163 Resp: 168000

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.4	8.2	12.2

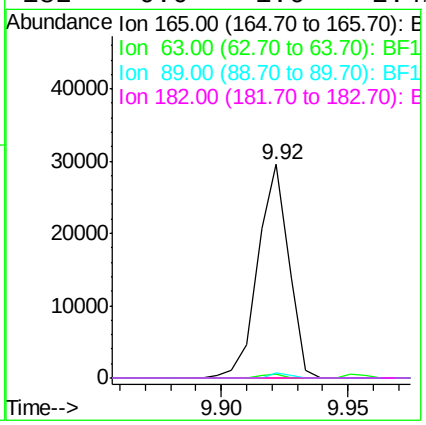


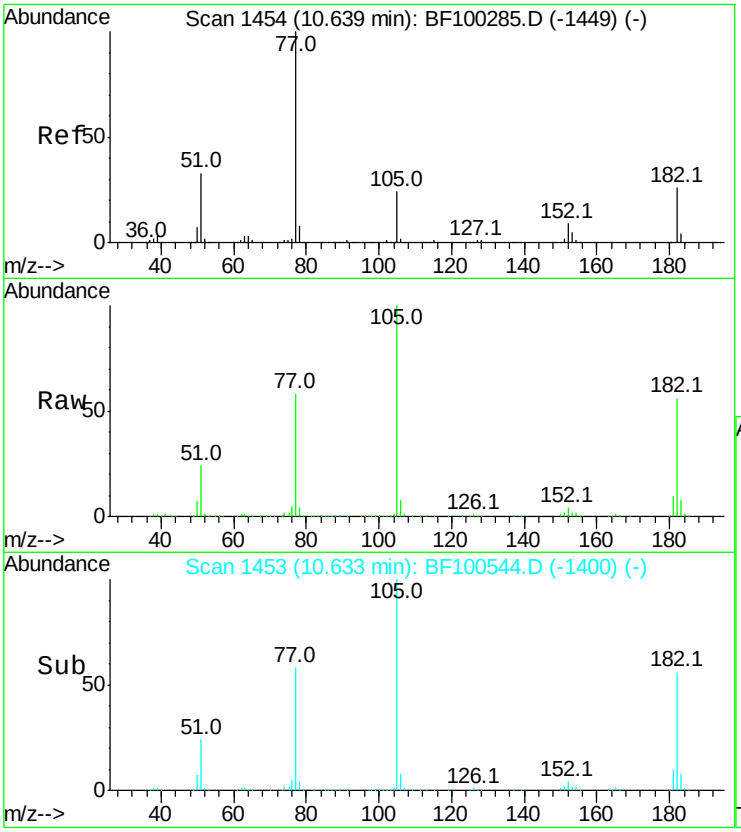


#56
2,4-Dinitrotoluene
Concen: 6.741 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:165 Resp: 25155

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



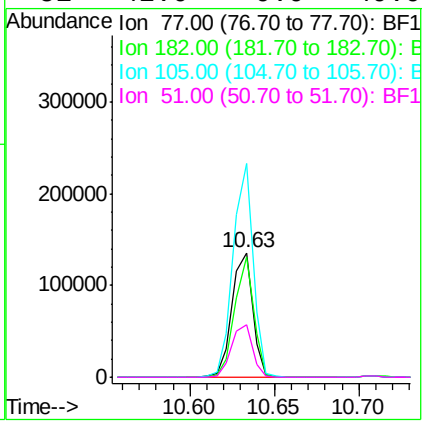


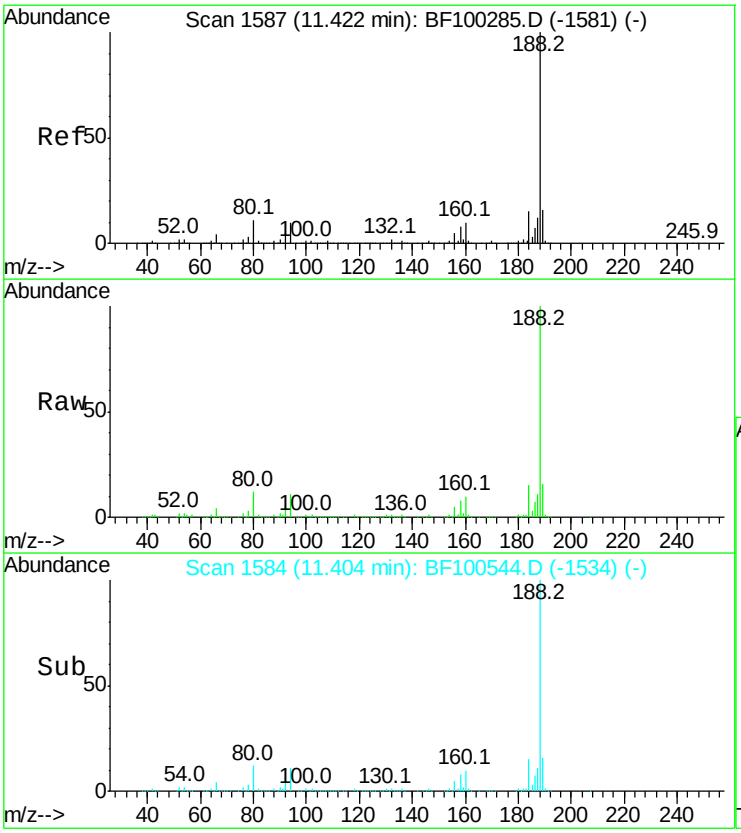
#62
Azobenzene
Concen: 8.238 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion: 77 Resp: 116031

Ion	Ratio	Lower	Upper
77	100		
182	96.4	1.7	41.7#
105	171.9	3.0	43.0#
51	42.0	9.9	49.9

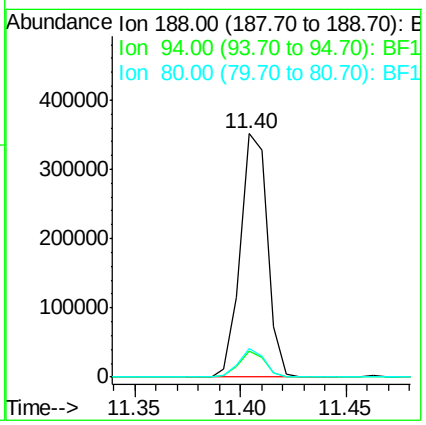


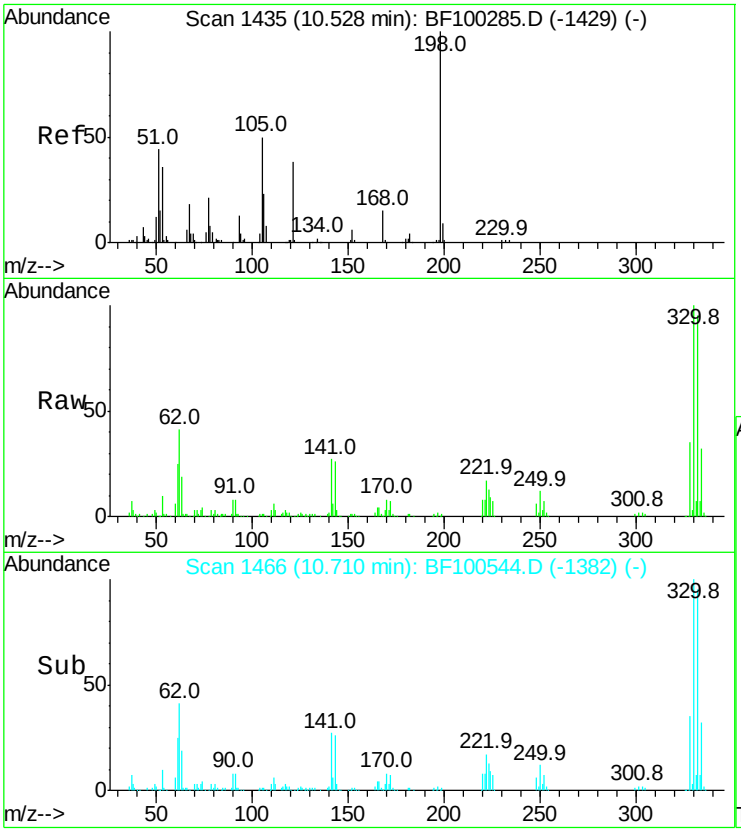


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:188 Resp: 312255

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8



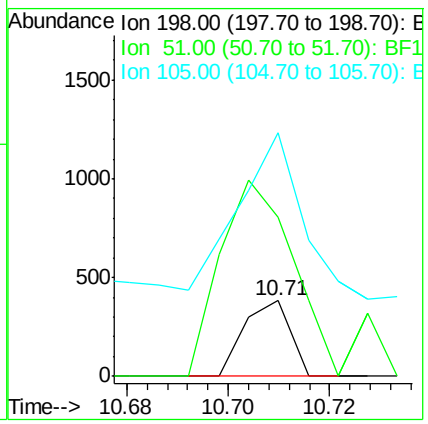


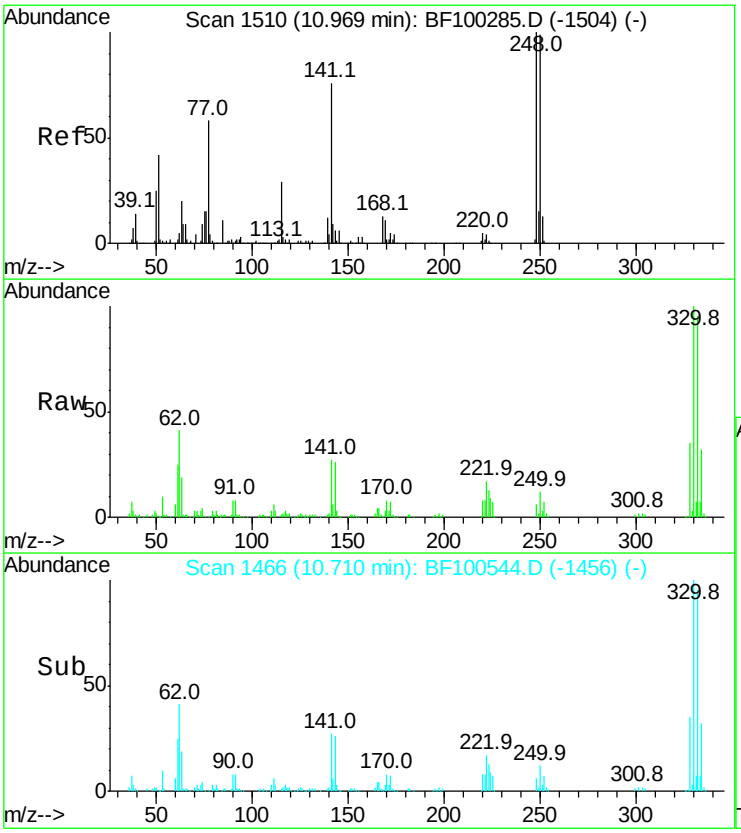
#64
4,6-Dinitro-2-methylphenol
Concen: 8.696 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:198 Resp: 241

Ion	Ratio	Lower	Upper
198	100		
51	211.3	37.7	77.7#
105	322.8	36.3	76.3#

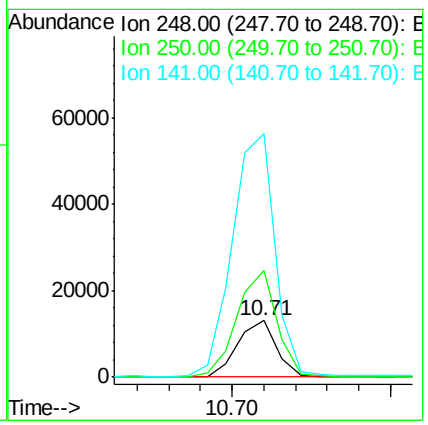


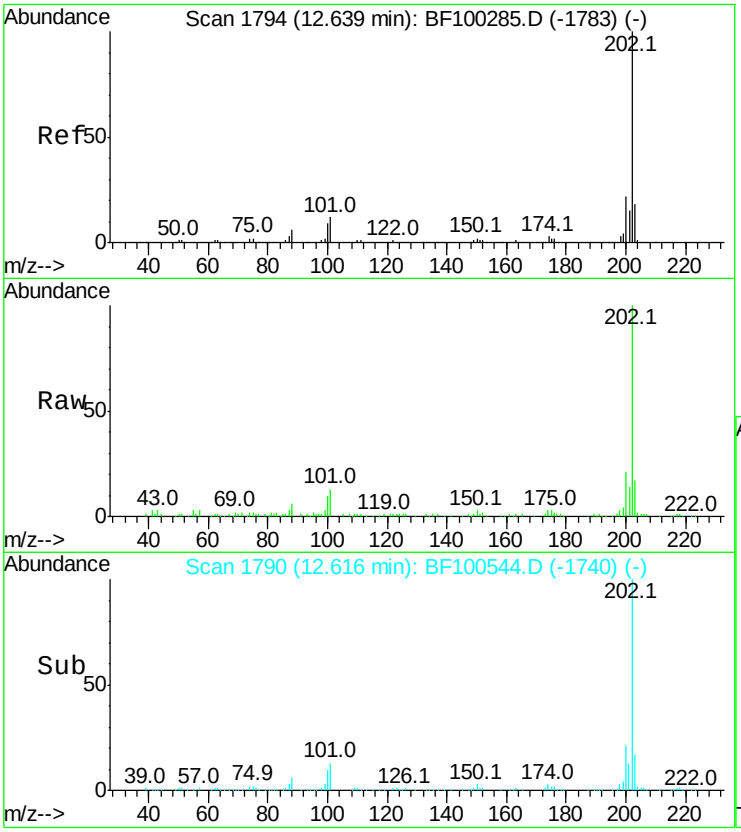


#66
4-Bromophenyl-phenylether
Concen: 3.272 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:248 Resp: 10951

Ion	Ratio	Lower	Upper
248	100		
250	188.5	76.9	115.3#
141	431.5	74.4	111.6#



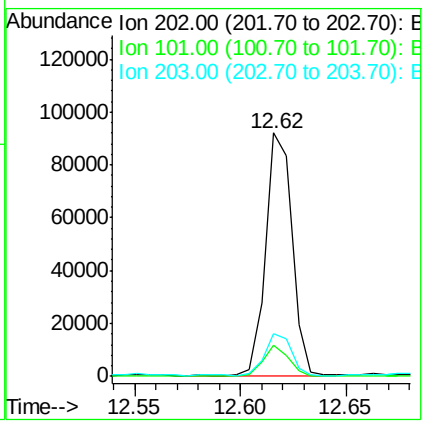


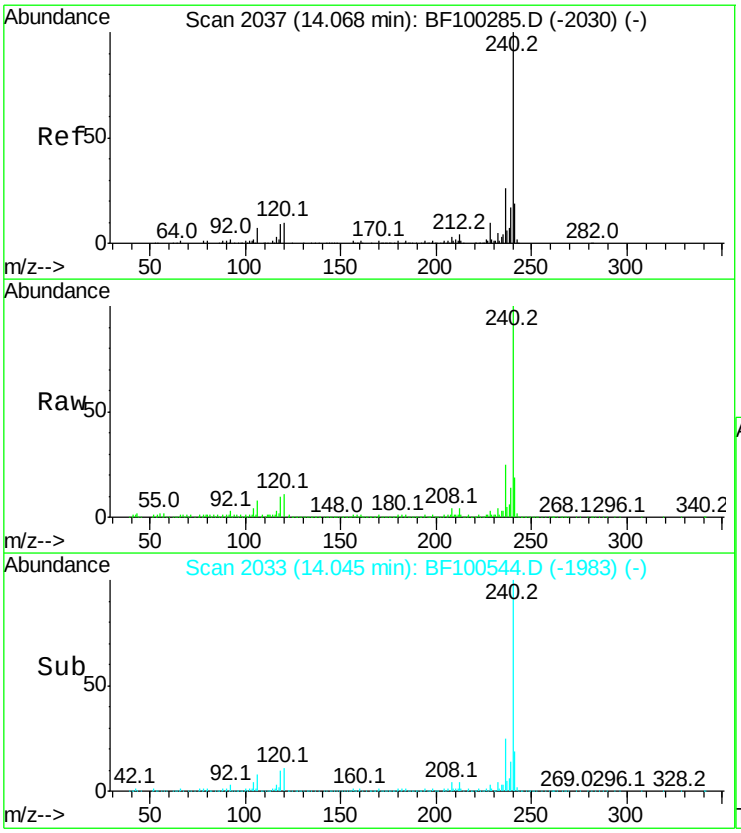
#74
Fluoranthene
Concen: 4.655 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:202 Resp: 81117

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.4	0.0	38.1

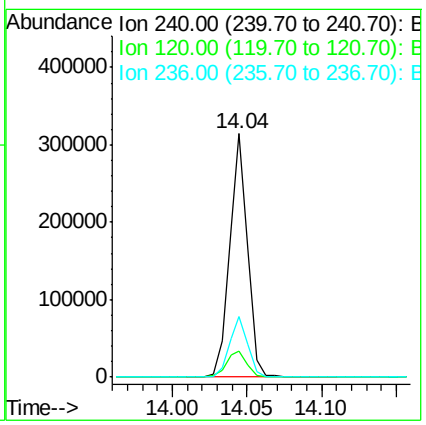


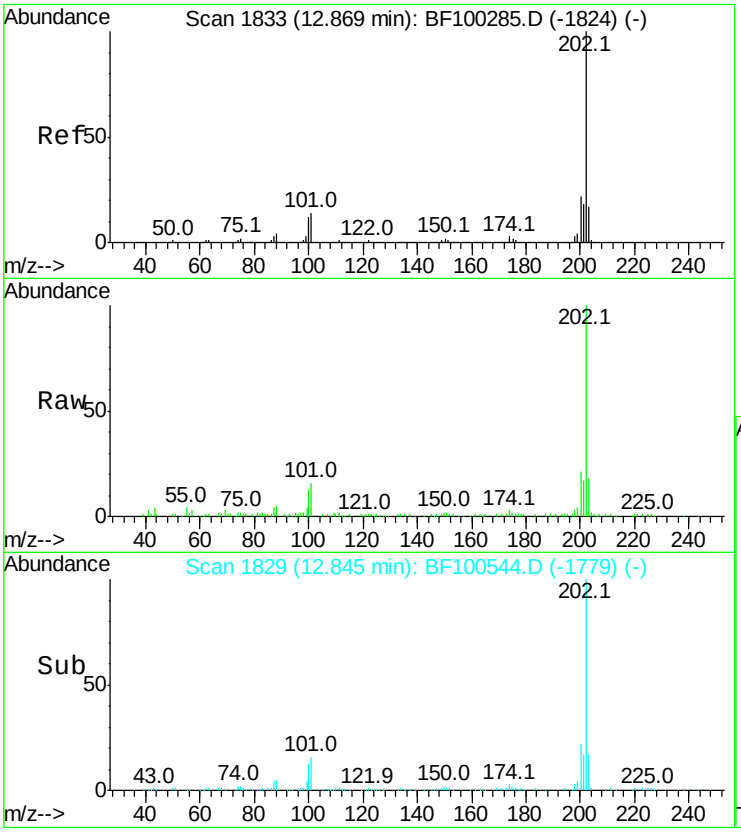


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:240 Resp: 267568

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.6	20.7	31.1



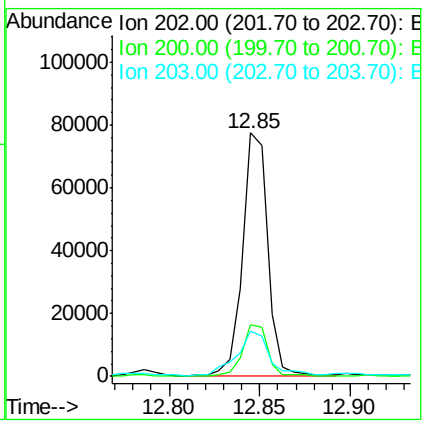


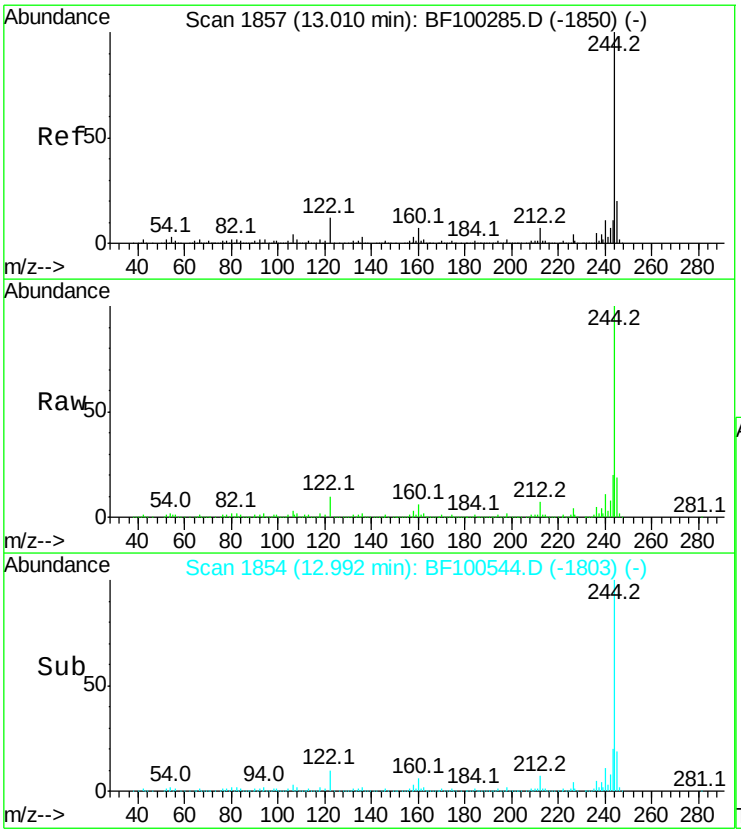
#77
Pyrene
Concen: 3.944 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:202 Resp: 75229

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5

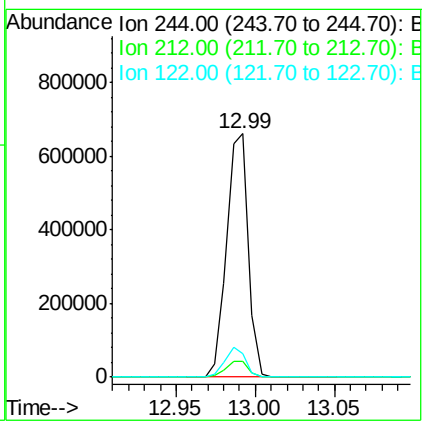


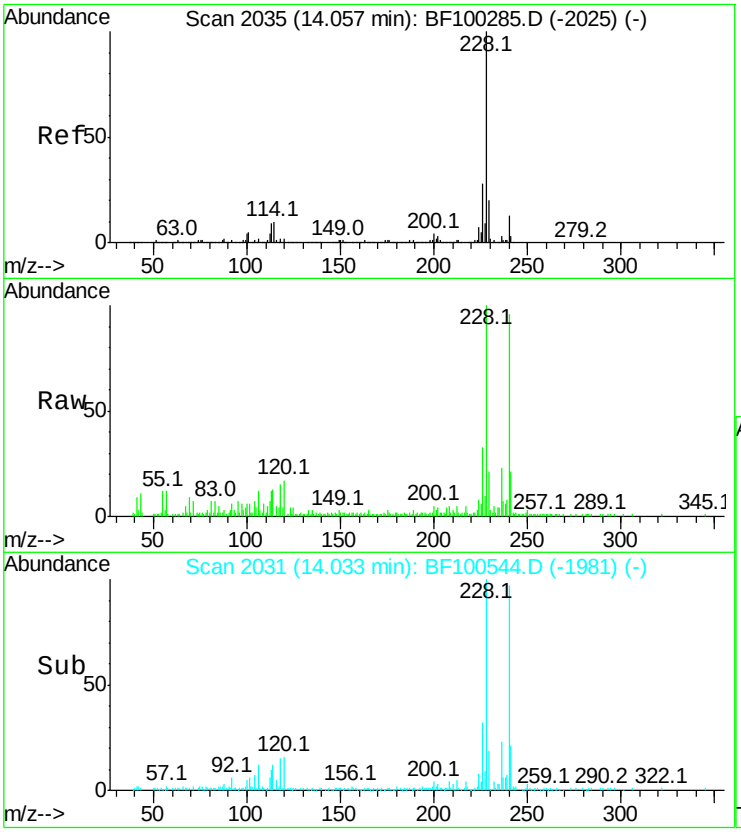


#78
Terphenyl-d14
Concen: 53.763 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:244 Resp: 626069

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.8	11.0	16.4#



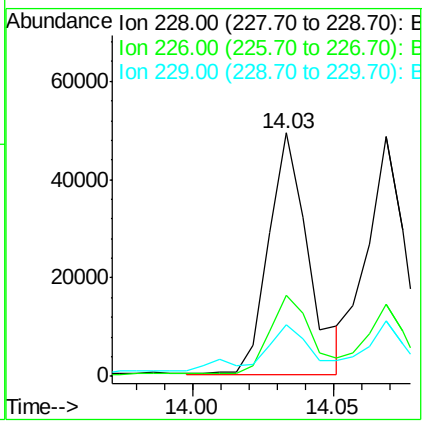


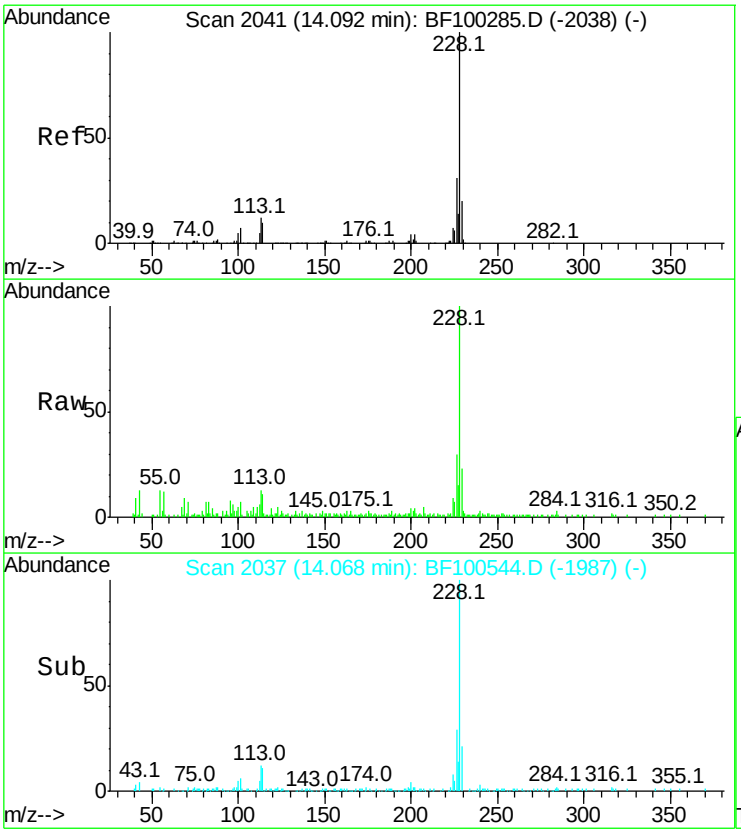
#80
Benzo(a)anthracene
Concen: 2.973 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:228 Resp: 47908

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.6	33.8
229	21.0	15.8	23.6

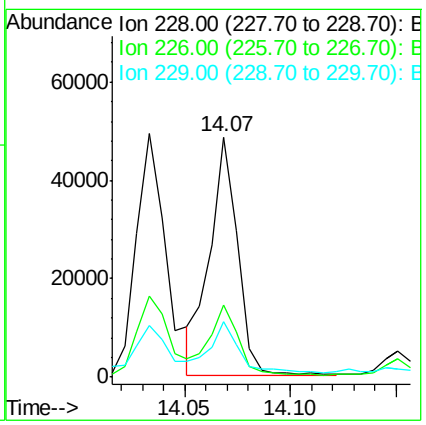


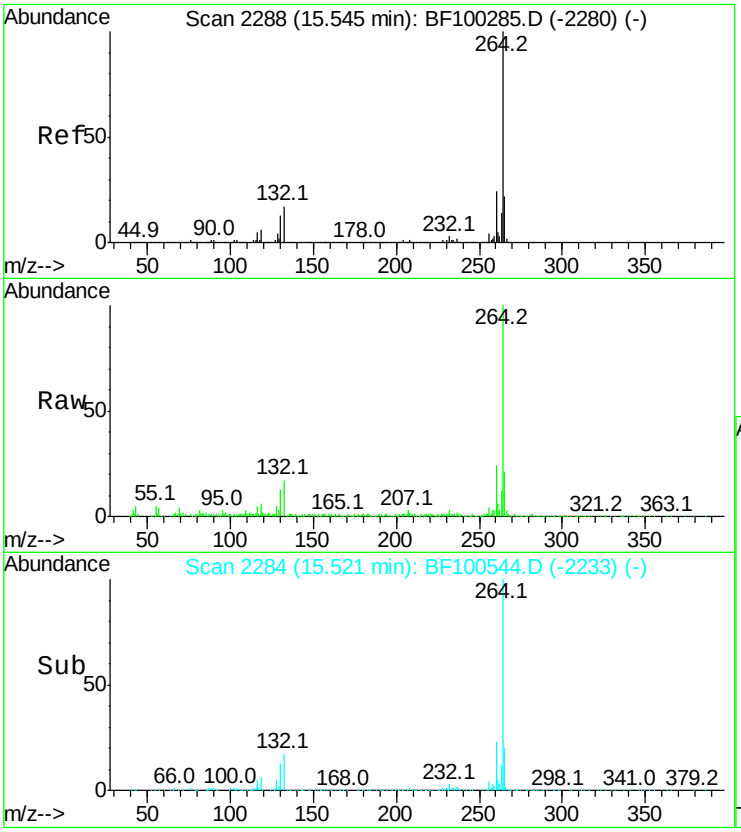


#82
Chrysene
Concen: 2.852 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:228 Resp: 44497

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	23.3	16.2	24.4



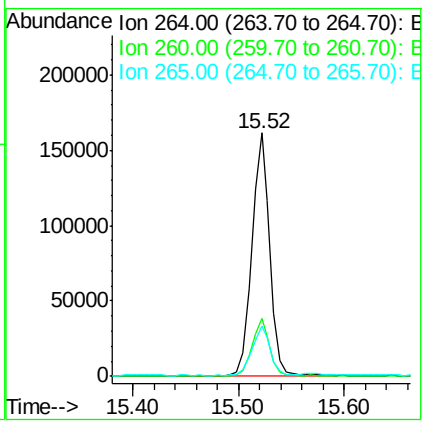


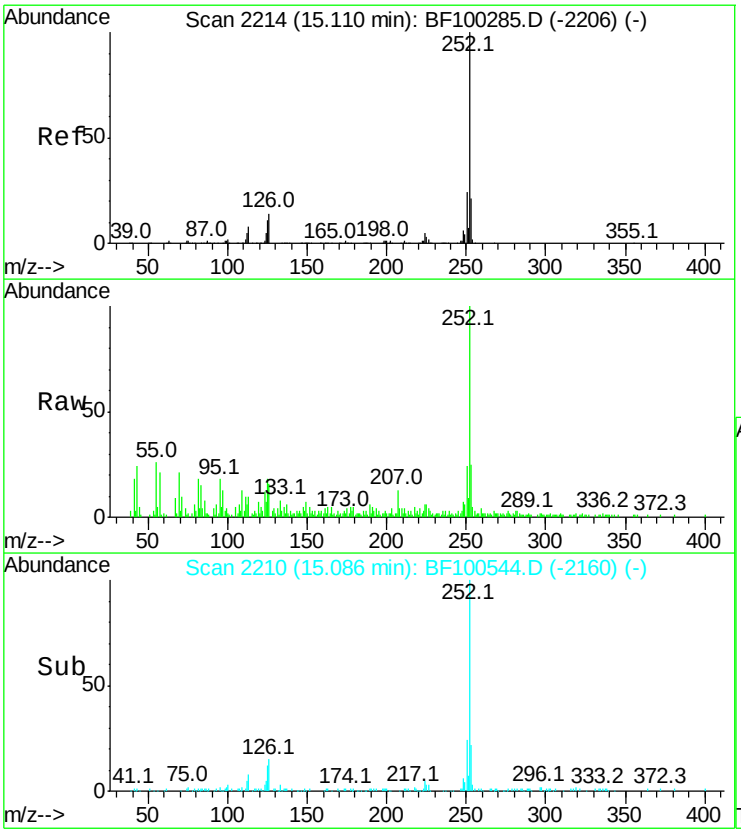
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:264 Resp: 192967

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

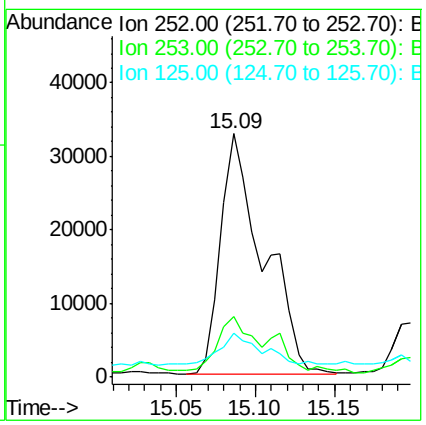


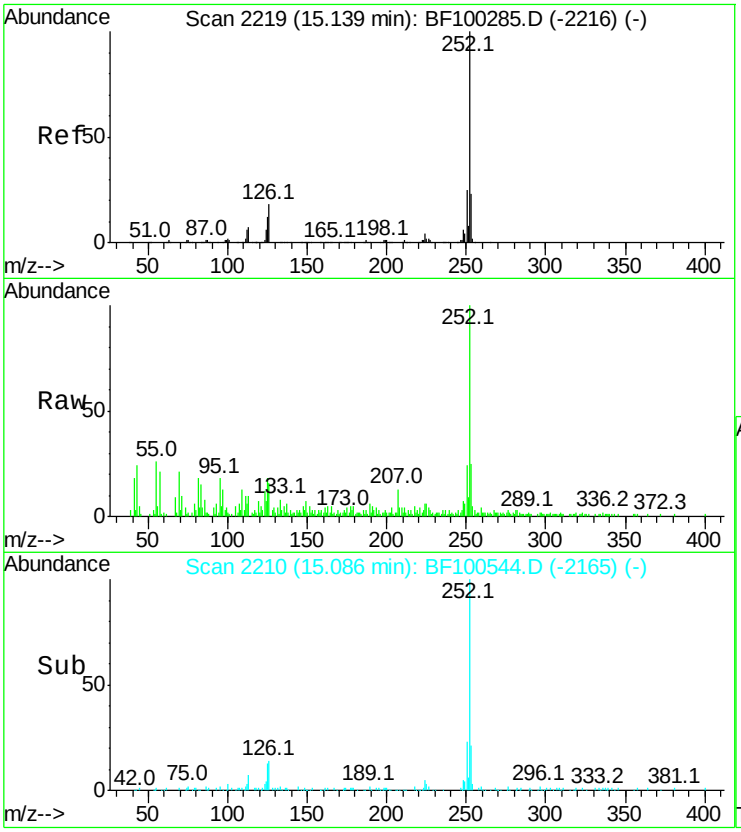


#87
Benzo(b)fluoranthene
Concen: 5.378 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:252 Resp: 61478

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	17.8	9.0	13.6#



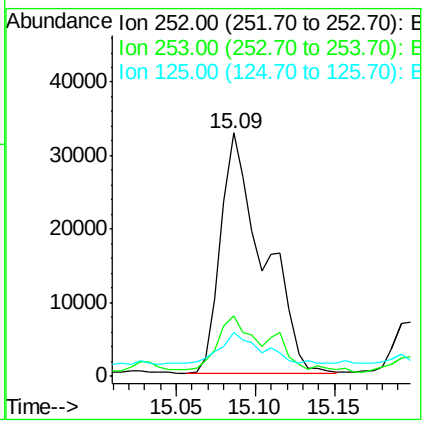


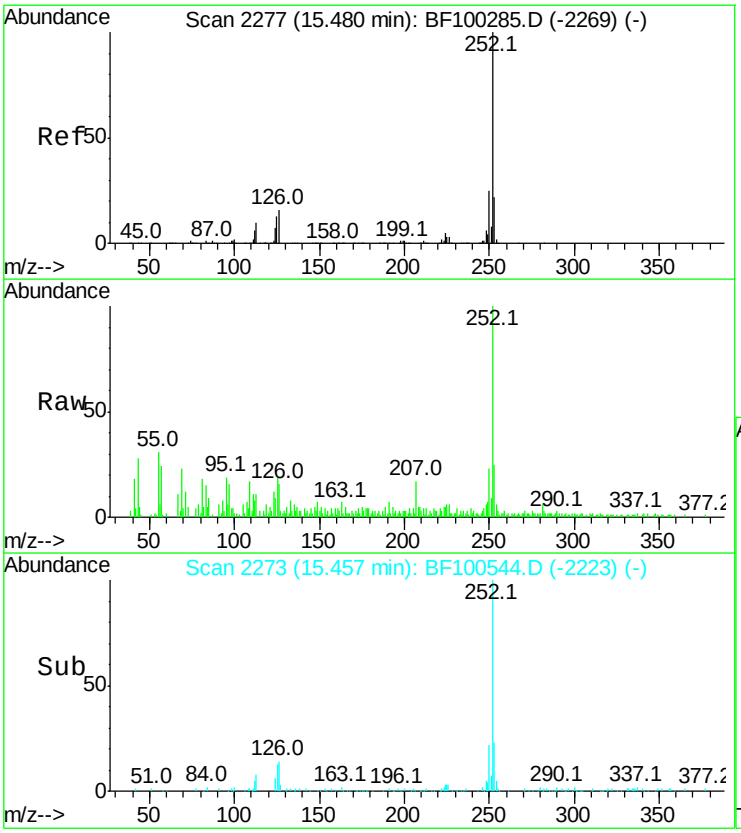
#88
Benzo(k)fluoranthene
Concen: 5.691 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:252 Resp: 61478

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	17.8	10.2	15.2#

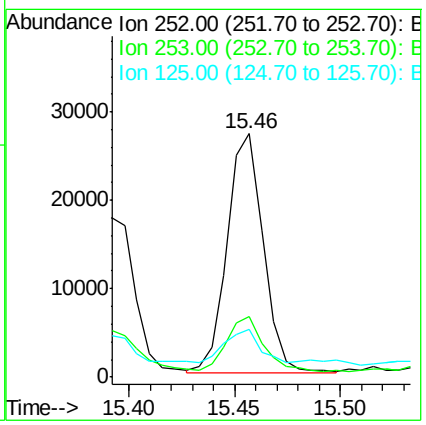


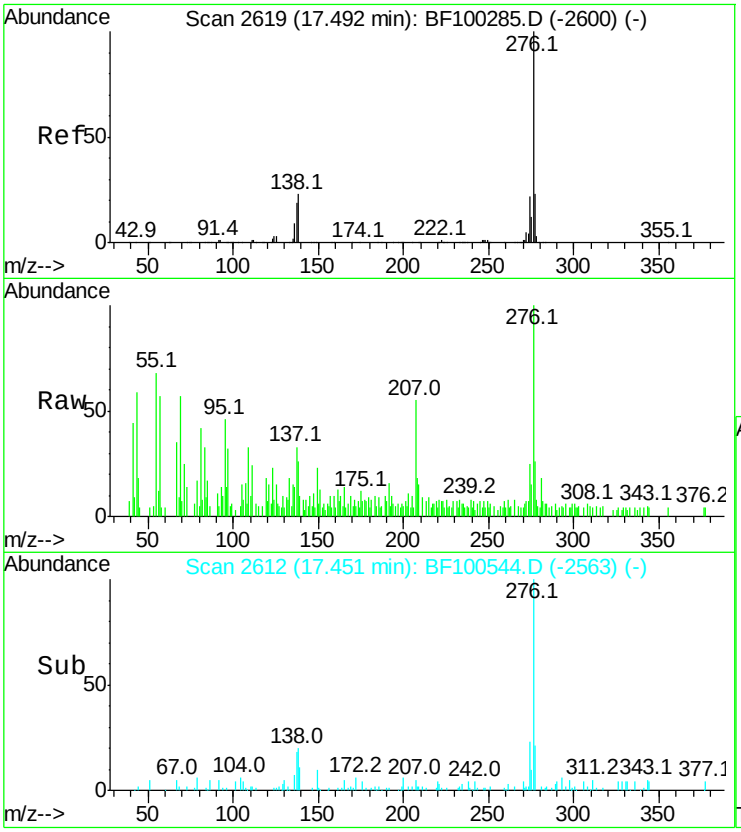


#89
Benzo(a)pyrene
Concen: 3.159 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Tgt Ion:252 Resp: 32012

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	19.4	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.138 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF100544.D
Acq: 14 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-A

Tgt Ion:276 Resp: 17345

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	26.0	21.8	32.8