Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100438.D
Acq On : 11 Nov 2017 14:09
Operator : SJ/JU
Sample : I6407-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3091-4235

Quant Time: Nov 13 01:07:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160267	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	601357	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	249584	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	403749	20.00	ng		0.00
75) Chrysene-d12	14.07	240	334133	20.00	ng		0.00
86) Perylene-d12	15.55	264	249880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	644523	64.47	ng		0.00
7) Phenol-d6	6.53	99	794328	64.43	ng		0.00
23) Nitrobenzene-d5	7.46	82	472503	51.95	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	157284	61.84	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	875140	53.39	ng		0.00
78) Terphenyl-d14	13.01	244	649524	44.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	36701	2.84	ng		94
19) n-Nitroso-di-n-propylamine	7.46	70	62075	7.26	ng	#	81
25) Isophorone	7.46	82	472152	24.70	ng	#	64
47) 2-Nitroaniline	9.65	65	360	2.86	ng	#	1
49) Dimethylphthalate	9.65	163	55408	2.91	ng	#	98
50) 2,6-Dinitrotoluene	9.94	165	31340	8.31	ng	#	25
56) 2,4-Dinitrotoluene	9.94	165	31340	6.59	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.73	198	120	8.62	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	9781	2.26	ng	#	1
74) Fluoranthene	12.64	202	51325	2.28	ng		96
77) Pyrene	12.87	202	50959	2.14	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	48076	3.05	ng		94
87) Benzo(b)fluoranthene	15.12	252	48423	3.27	ng	#	92
88) Benzo(k)fluoranthene	15.12	252	48423	3.46	ng		95
89) Benzo(a)pyrene	15.49	252	27869	2.12	ng	#	85
91) Benzo(g,h,i)perylene	17.50	276	100658	9.58	ng		95

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

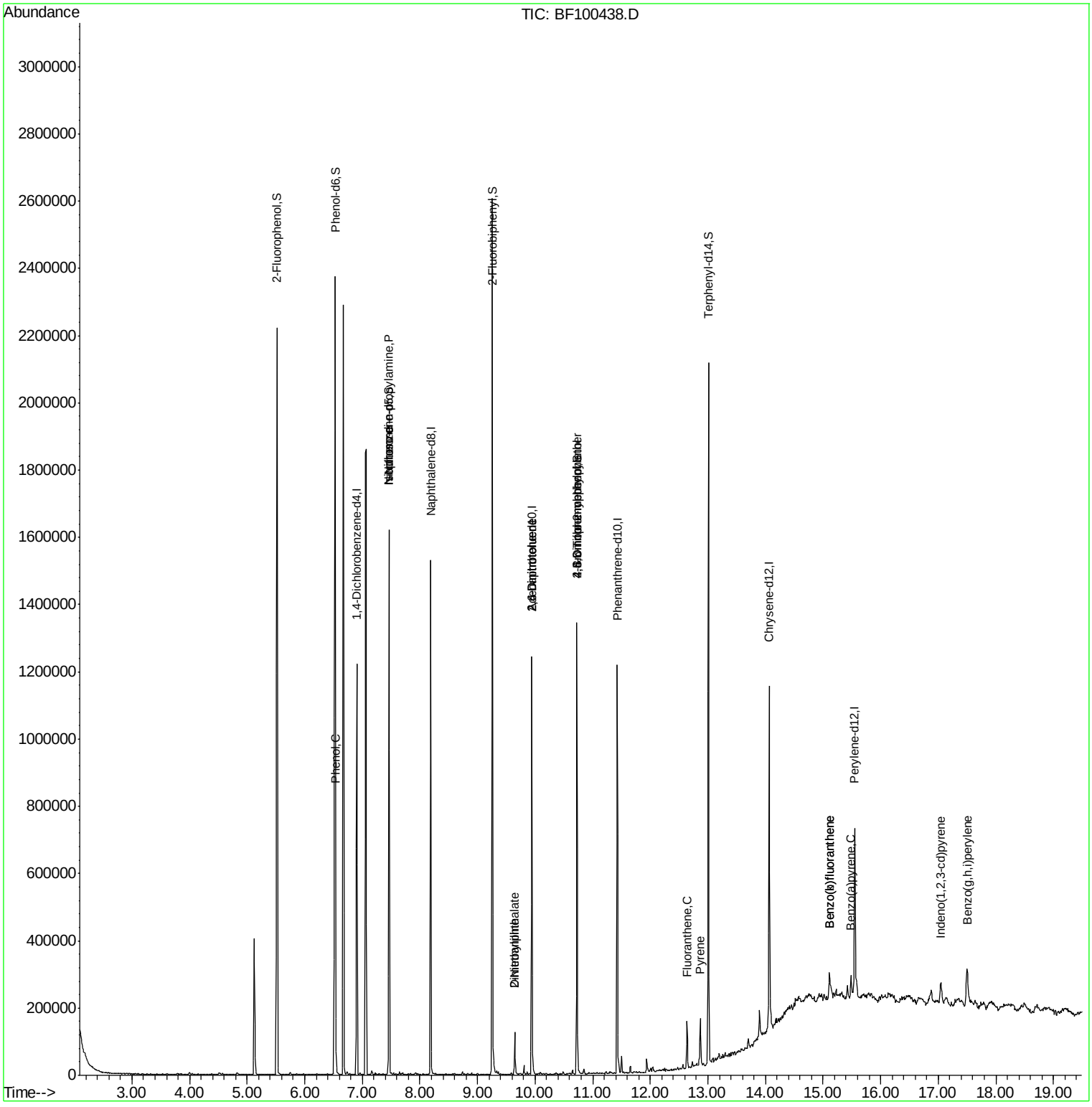
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

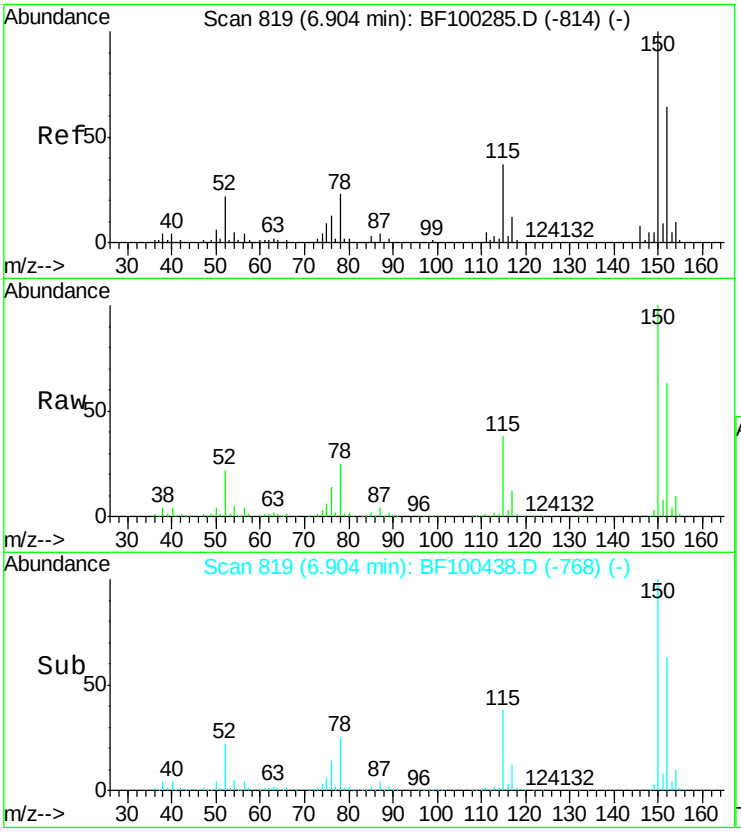
Quantitation Report (Not Reviewed)

Data File : BF100438.D
Acq On : 11 Nov 2017 14:09
Operator : SJ/JU
Sample : I6407-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3091-4235

Quant Time: Nov 13 01:07:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



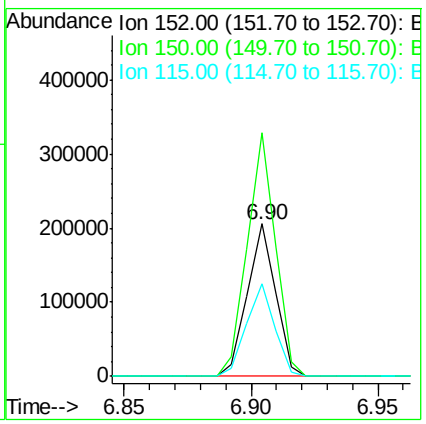


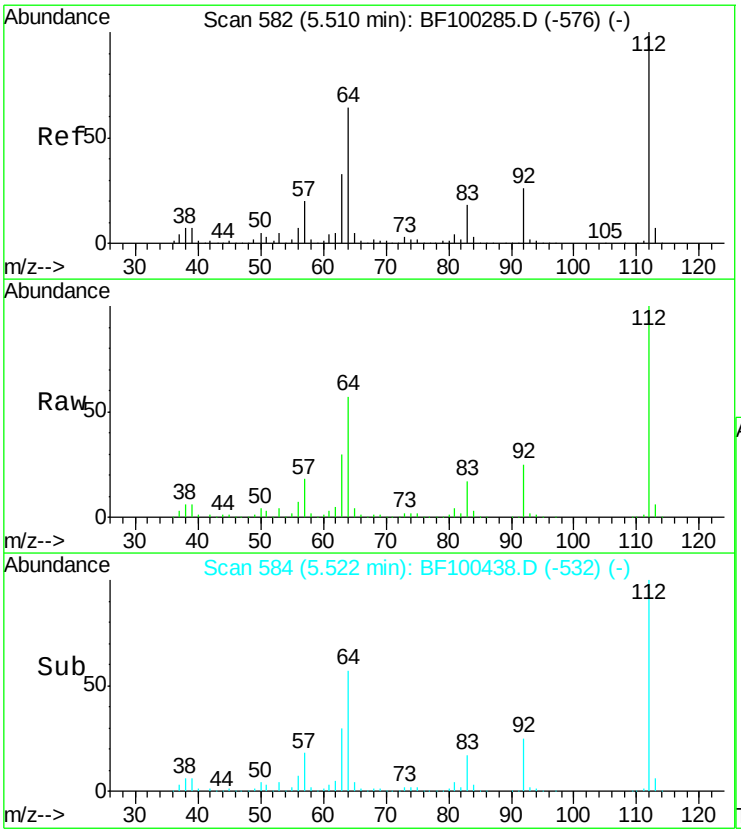
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:152 Resp: 160267

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.5	50.1	75.1

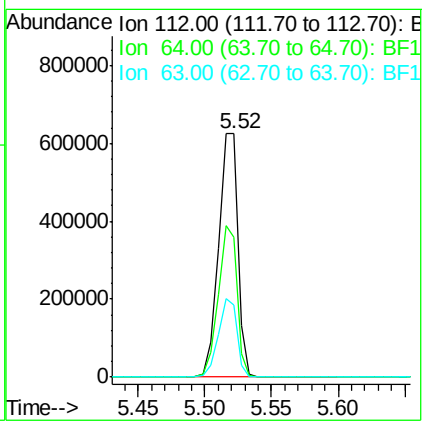


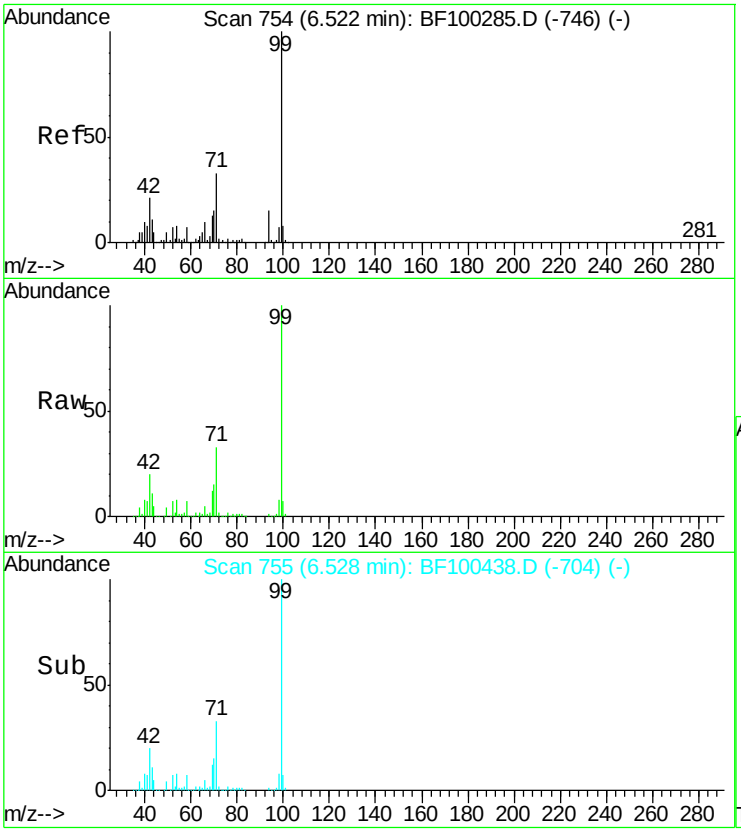


#5
2-Fluorophenol
Concen: 64.47 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:112 Resp: 644523

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.6	23.7	35.5



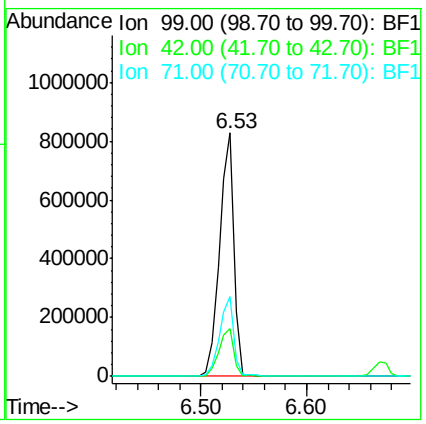


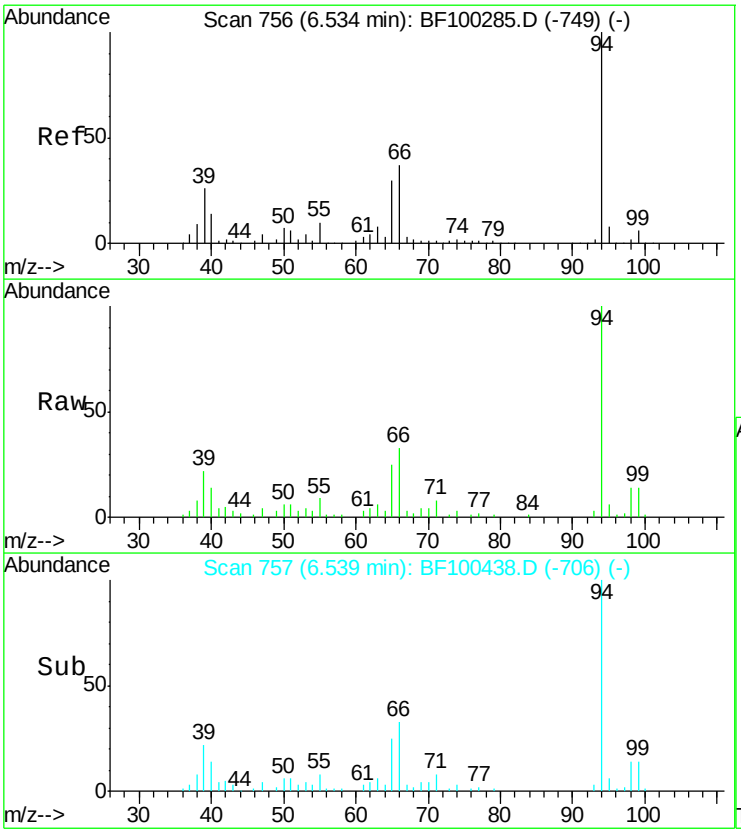
#7
Phenol-d6
Concen: 64.43 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion: 99 Resp: 794328

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.8	25.4	38.0

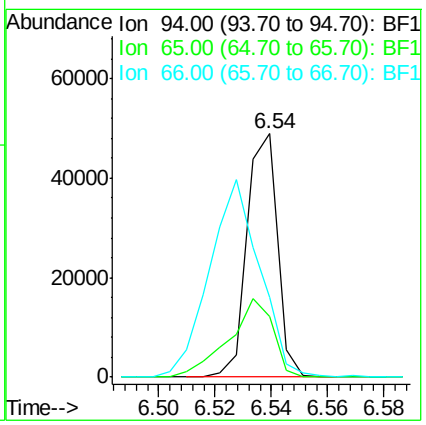


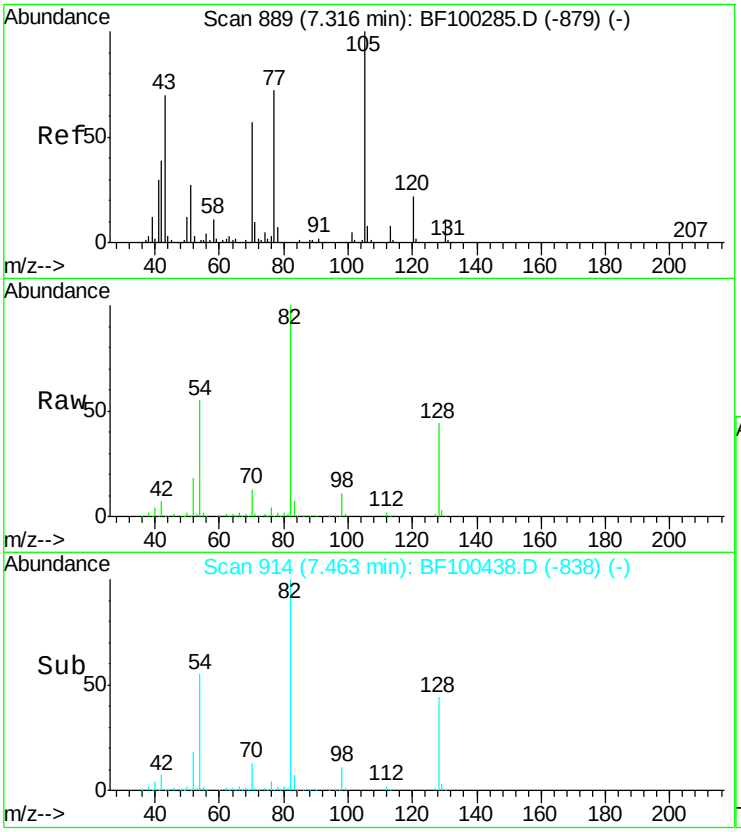


#10
Phenol
Concen: 2.84 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion: 94 Resp: 36701

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	33.0	16.2	56.2



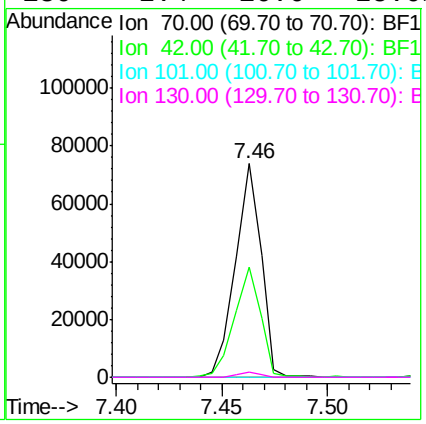


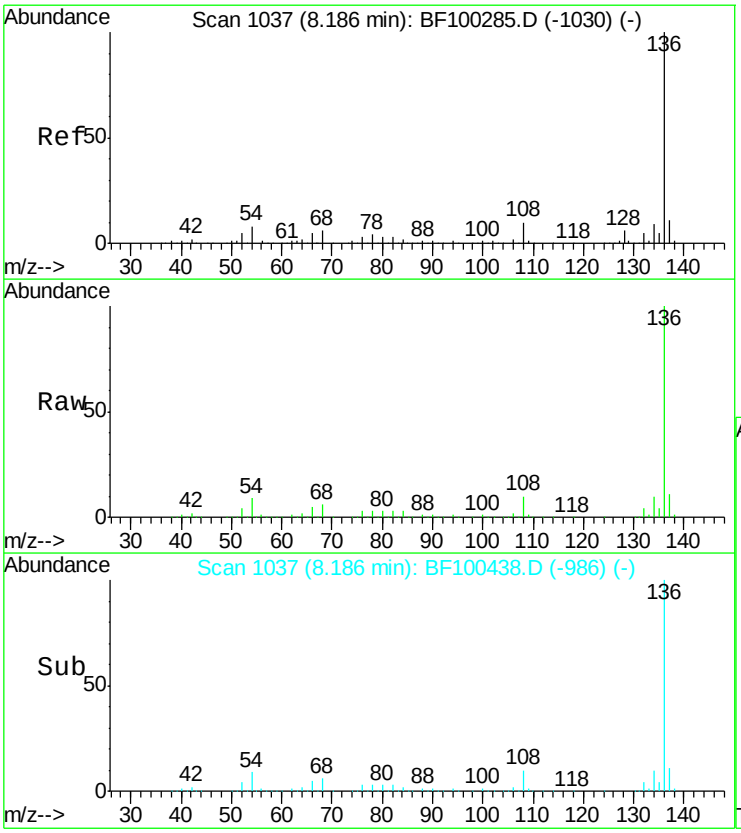
#19
n-Nitroso-di-n-propylamine
Concen: 7.26 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion: 70 Resp: 62075

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

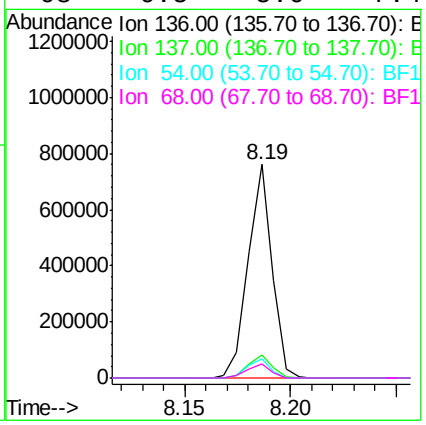


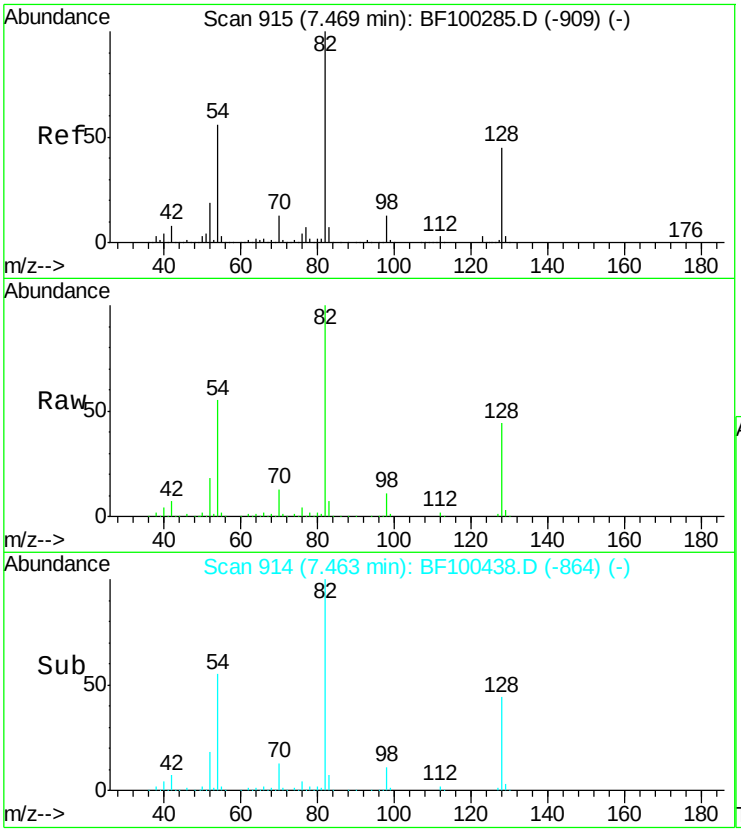


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:136 Resp: 601357

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4



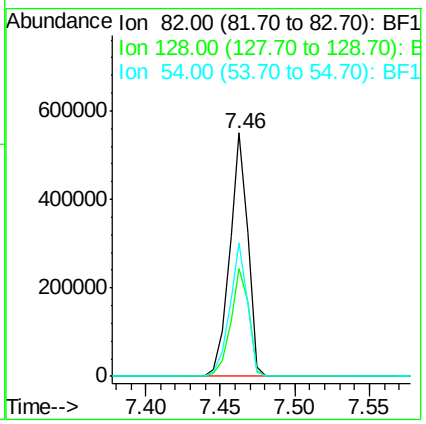


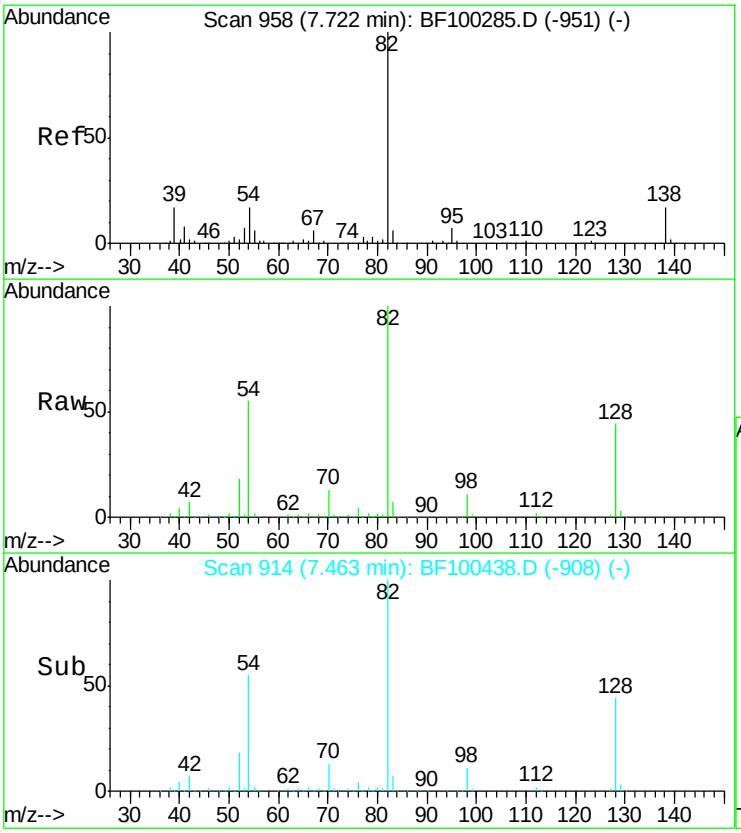
#23
Nitrobenzene-d5
Concen: 51.95 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion: 82 Resp: 472503

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.0	41.4	62.2

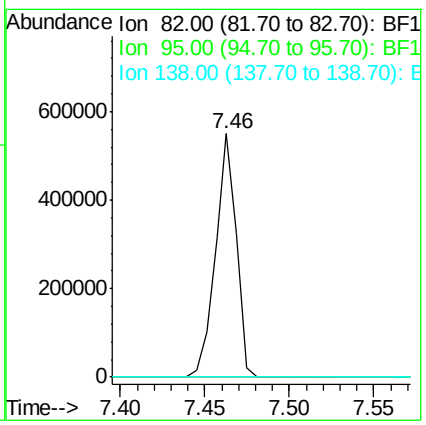


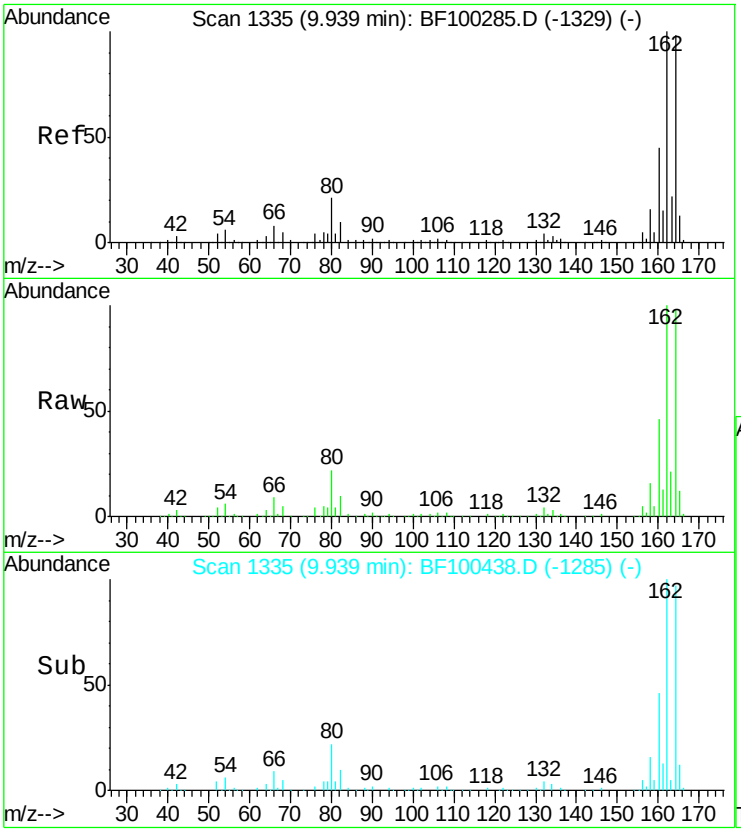


#25
Isophorone
Concen: 24.70 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion: 82 Resp: 472152

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



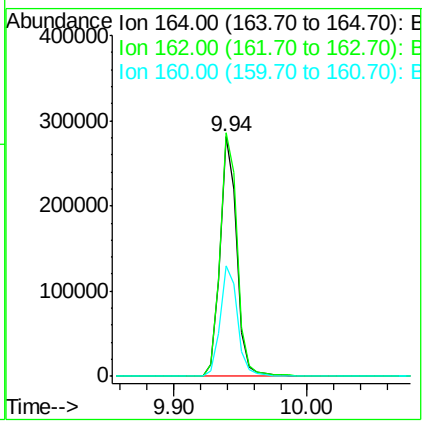


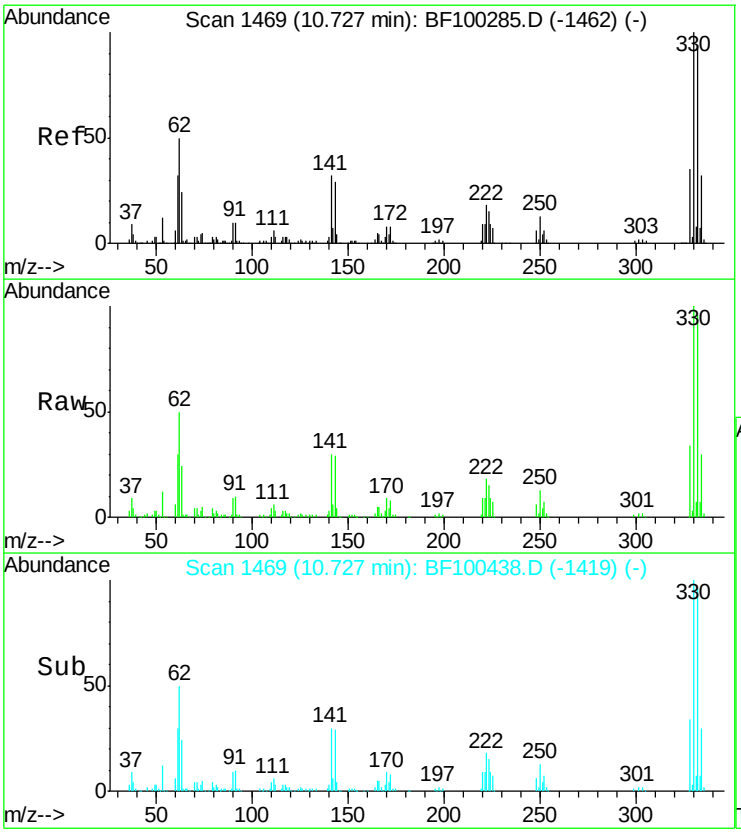
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:164 Resp: 249584

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.4	38.3	57.5

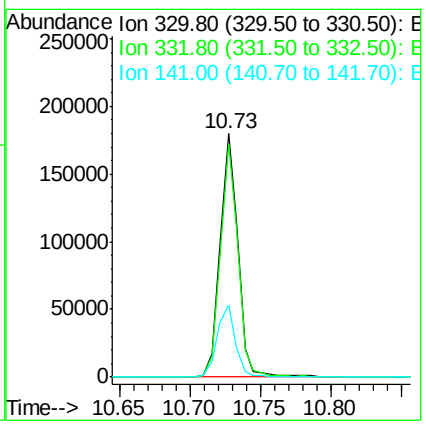


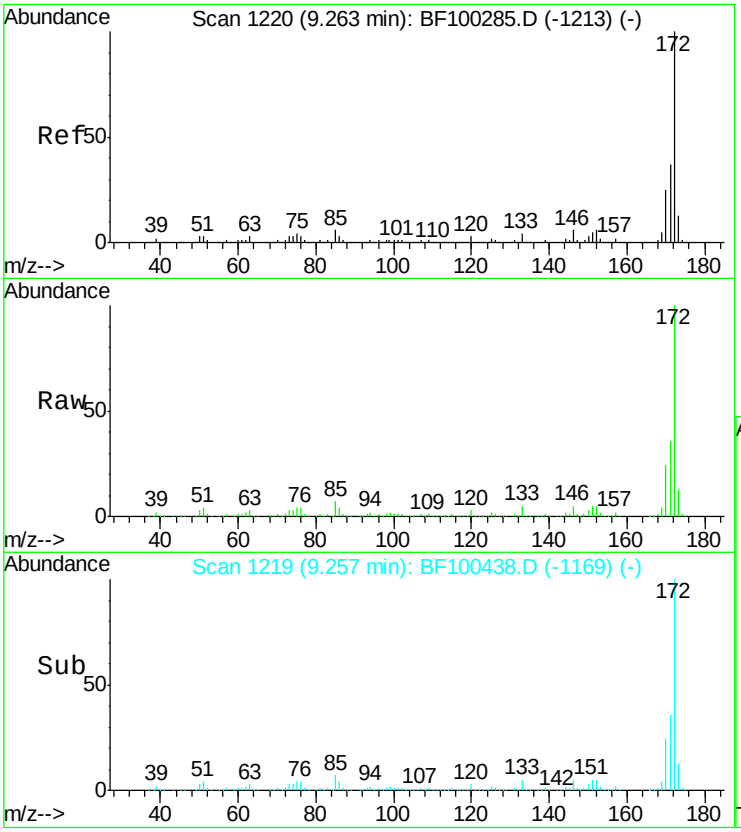


#41
2,4,6-Tribromophenol
Concen: 61.84 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:330 Resp: 157284

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.7	29.9	44.9



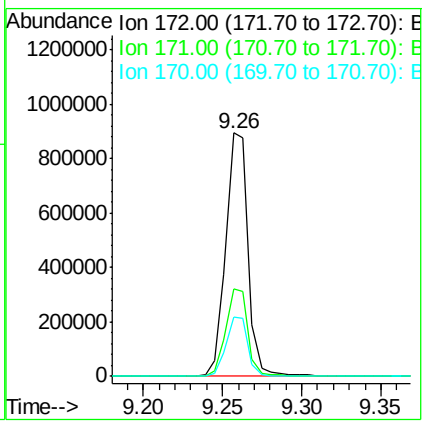


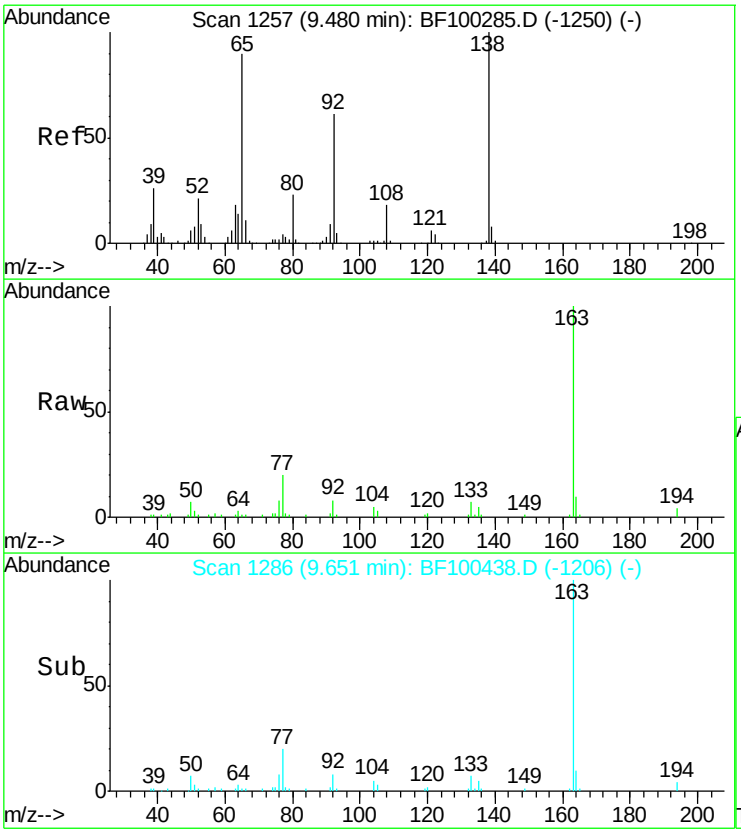
#44
2-Fluorobiphenyl
Concen: 53.39 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:172 Resp: 875140

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

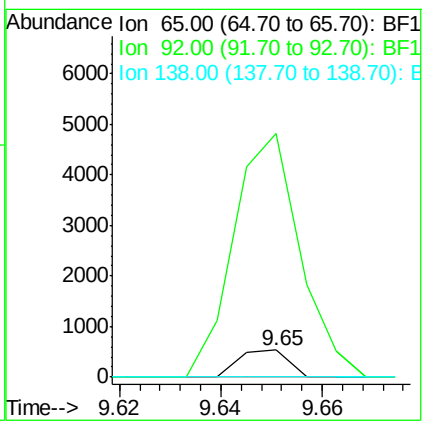


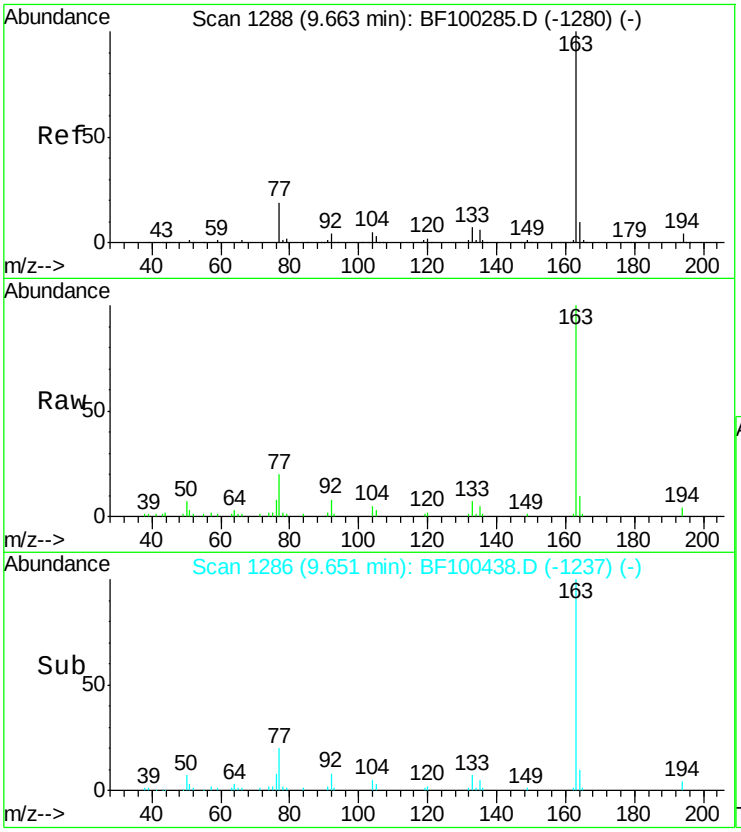


#47
2-Nitroaniline
Concen: 2.86 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion: 65 Resp: 360

Ion	Ratio	Lower	Upper
65	100		
92	914.0	55.8	83.6#
138	0.0	91.2	136.8#



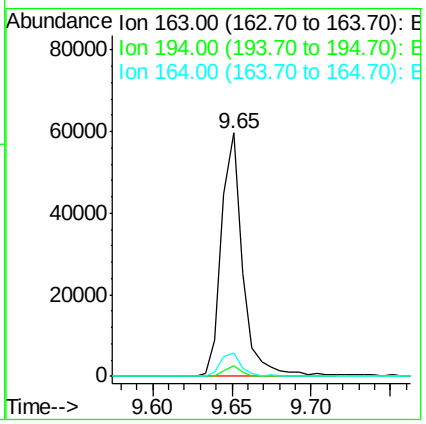


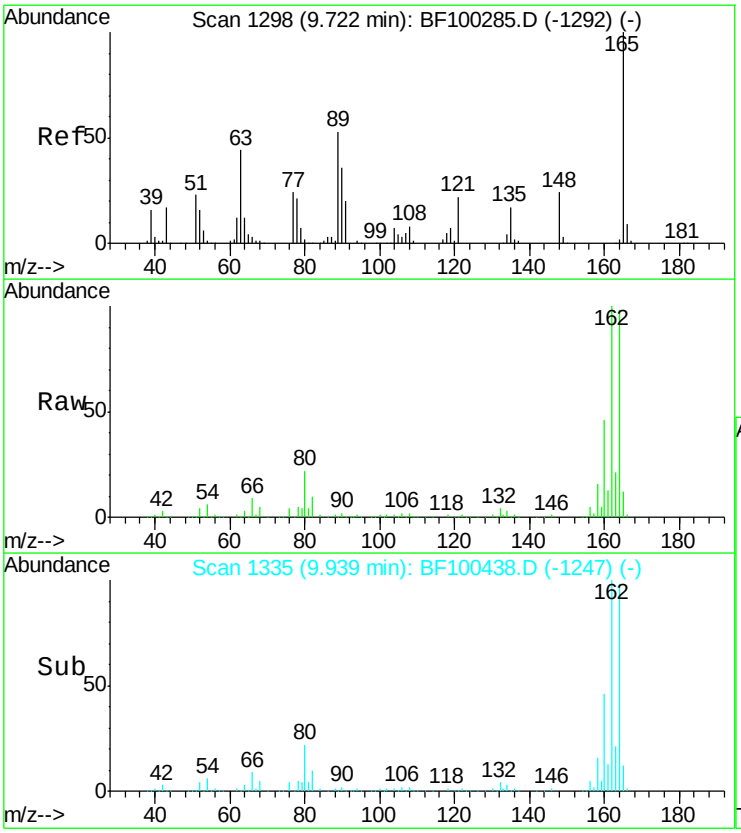
#49
Dimethylphthalate
Concen: 2.91 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:163 Resp: 55408

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

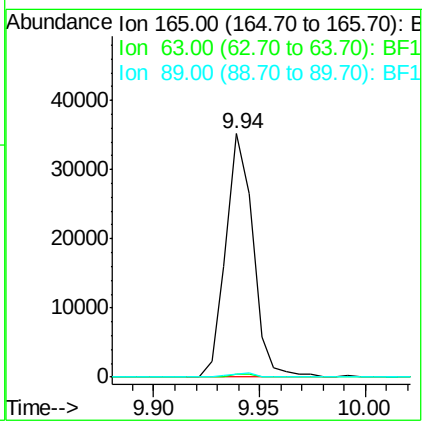


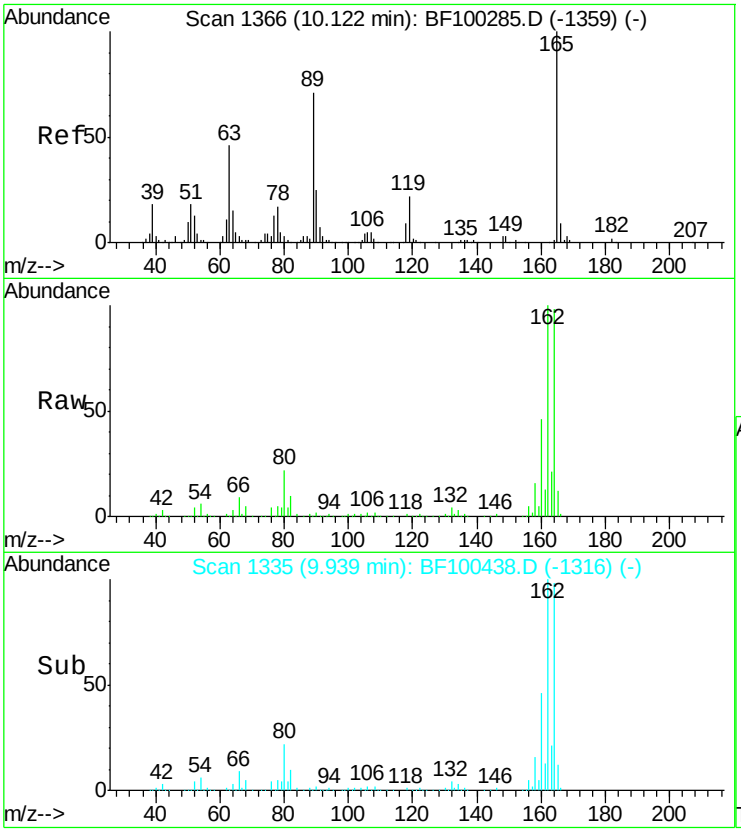


#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:165 Resp: 31340

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



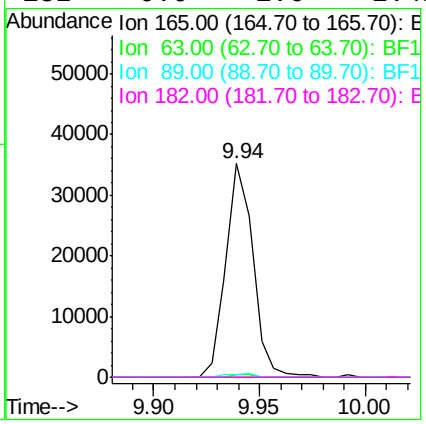


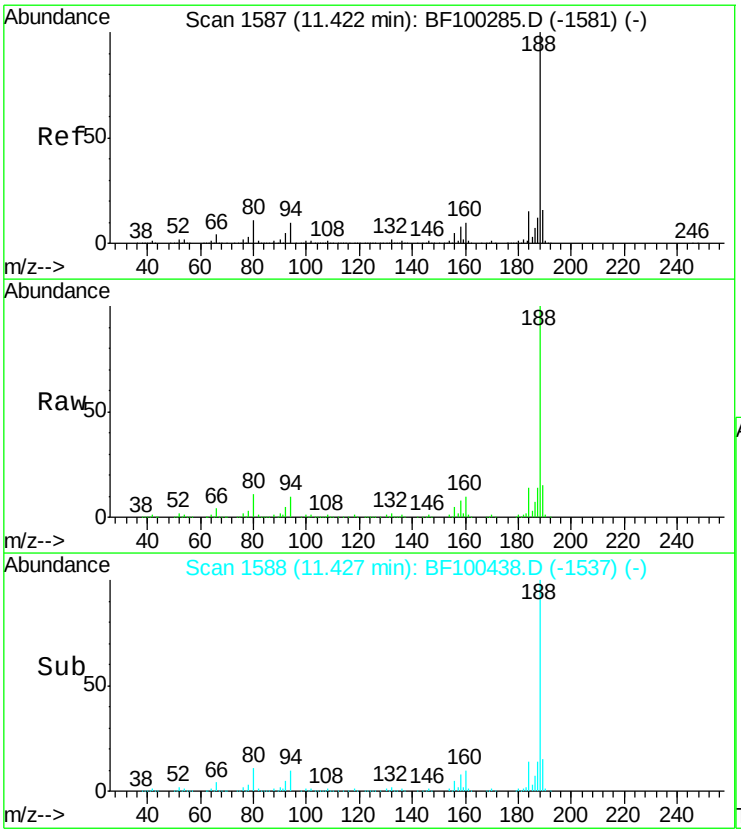
#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:165 Resp: 31340

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

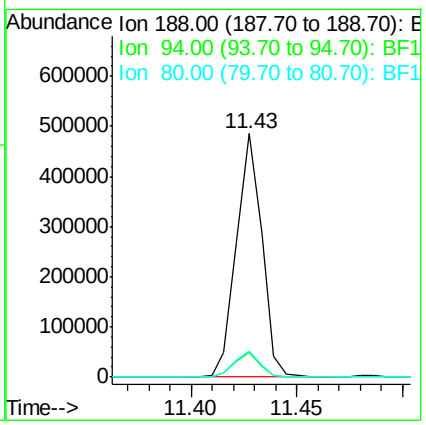


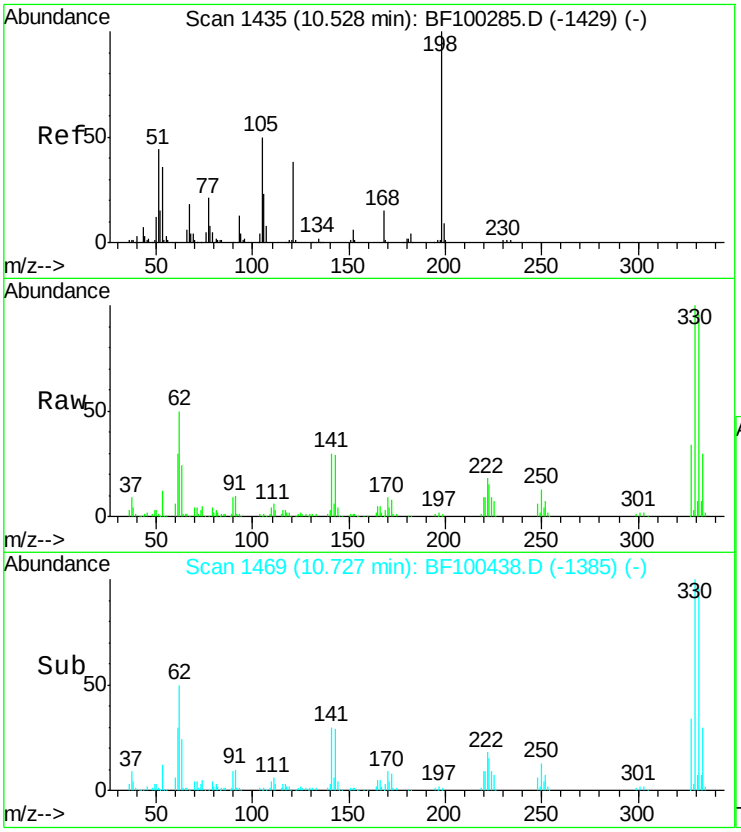


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:188 Resp: 403749

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.9	9.2	13.8



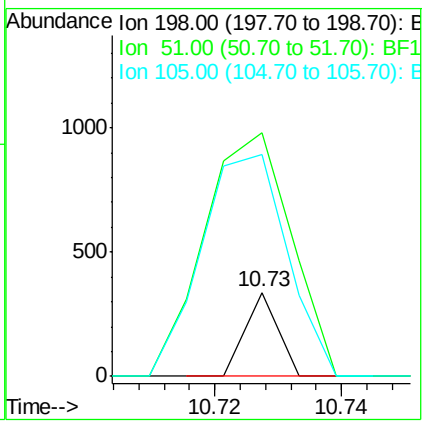


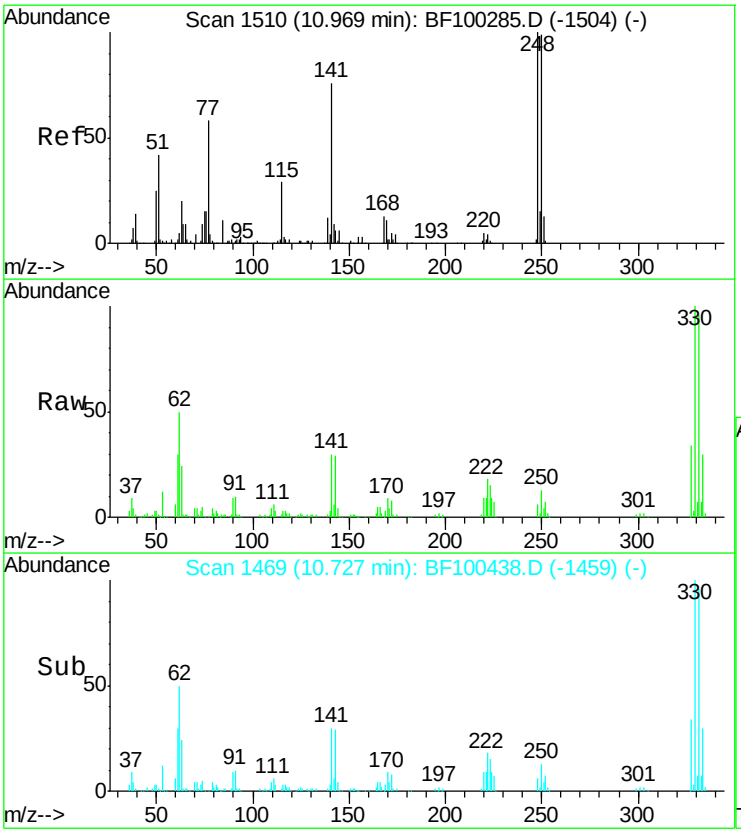
#64
4,6-Dinitro-2-methylphenol
Concen: 8.62 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:198 Resp: 120

Ion	Ratio	Lower	Upper
198	100		
51	289.1	37.7	77.7#
105	262.8	36.3	76.3#

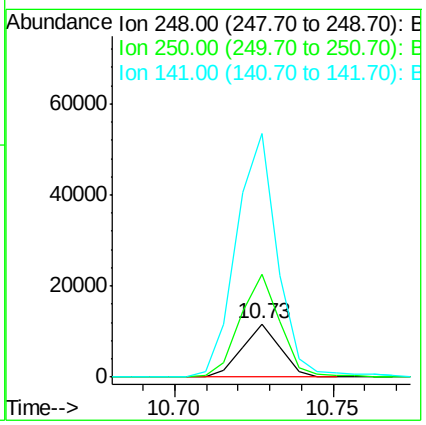


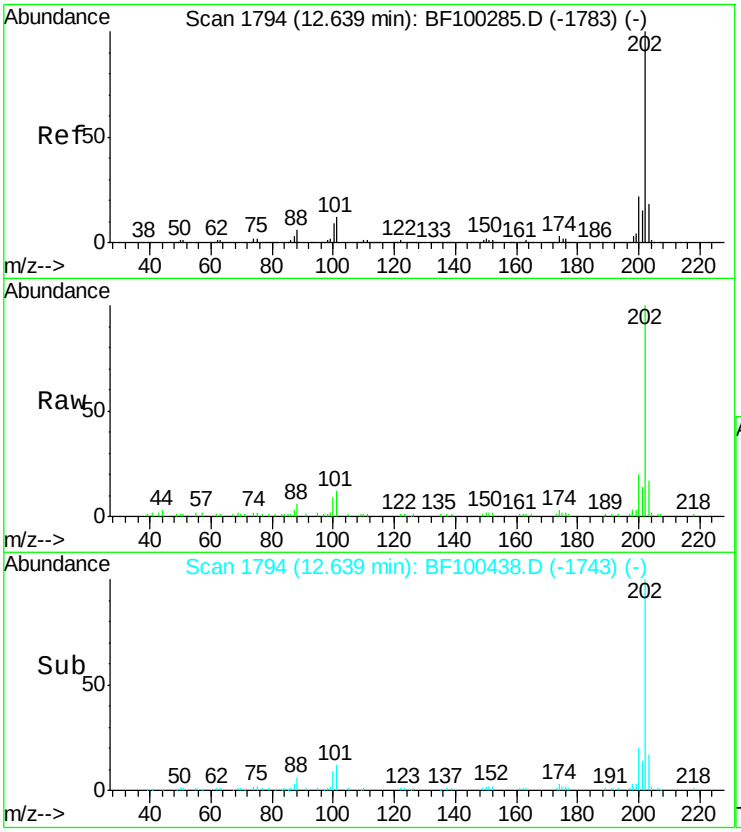


#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:248 Resp: 9781

Ion	Ratio	Lower	Upper
248	100		
250	192.9	76.9	115.3#
141	458.1	74.4	111.6#



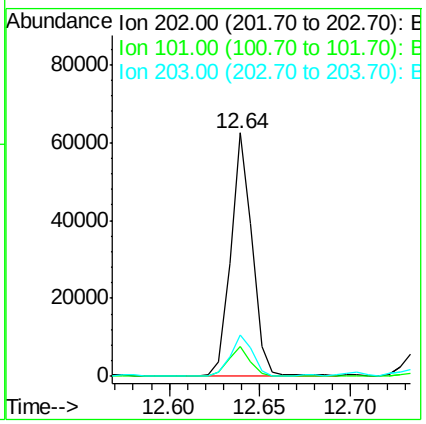


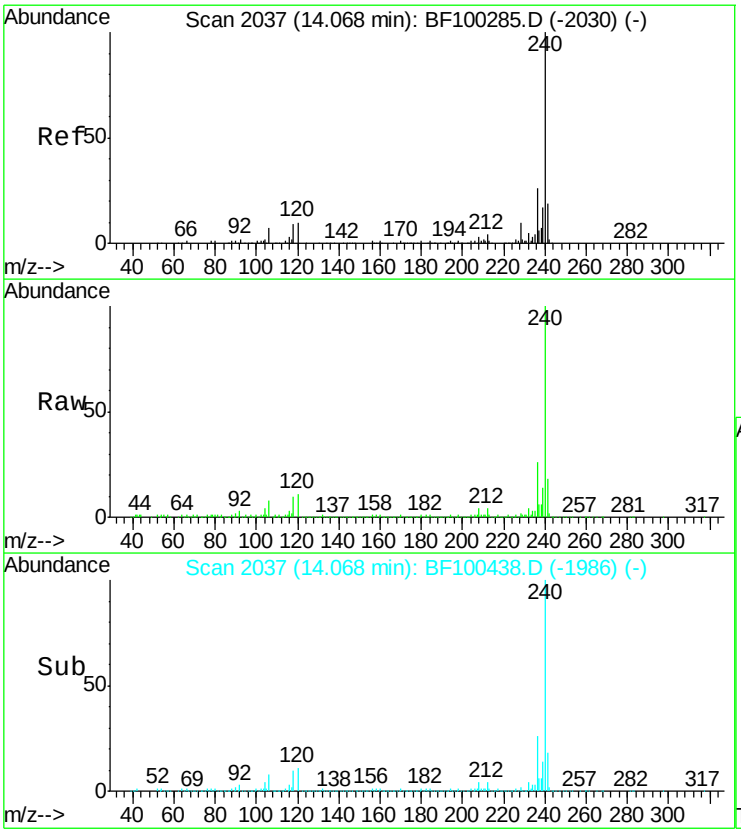
#74
Fluoranthene
Concen: 2.28 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:202 Resp: 51325

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	16.8	0.0	38.1

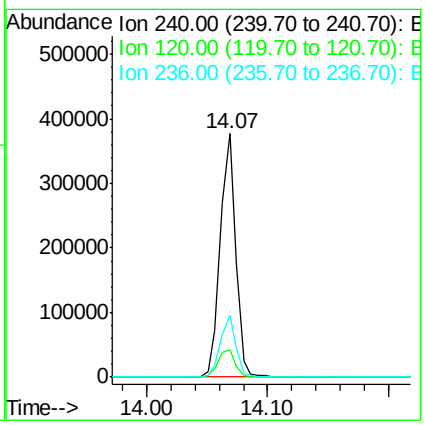


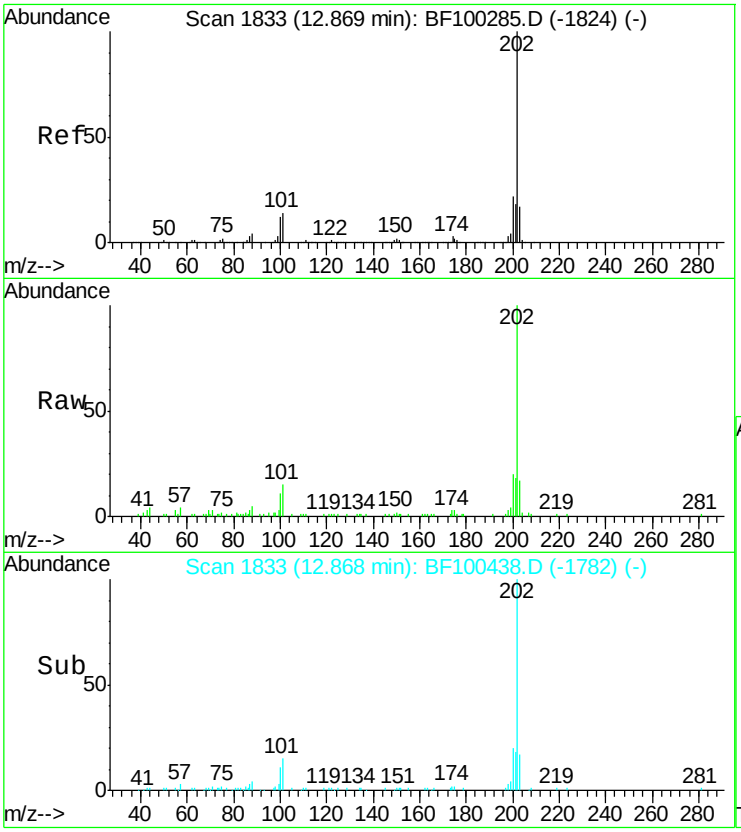


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:240 Resp: 334133

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.5	20.7	31.1



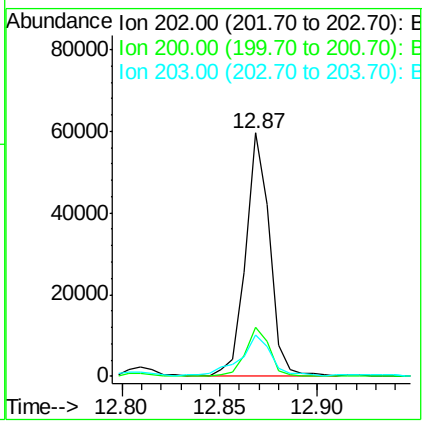


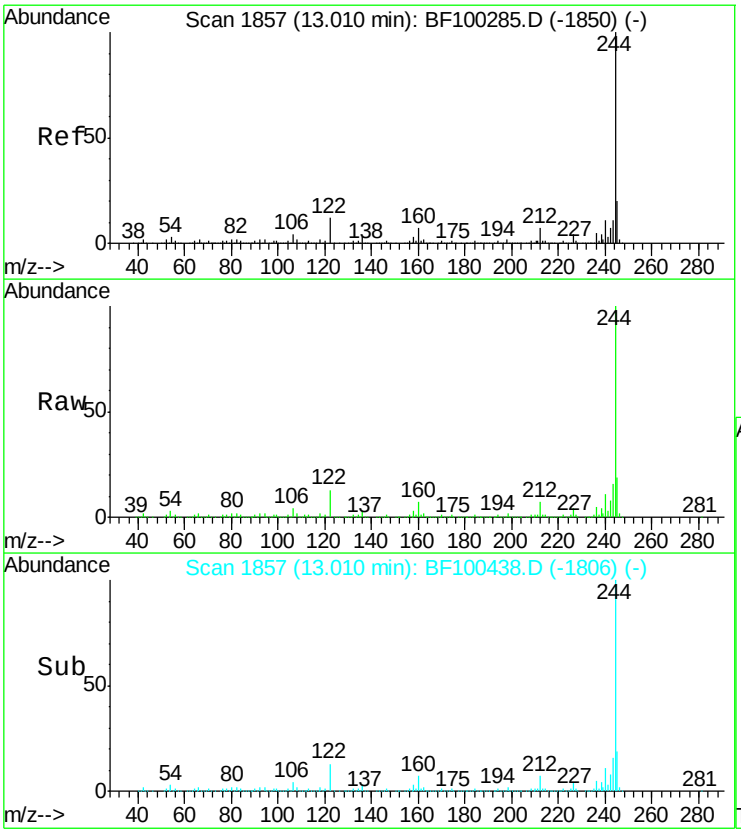
#77
Pyrene
Concen: 2.14 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:202 Resp: 50959

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.2	14.3	21.5

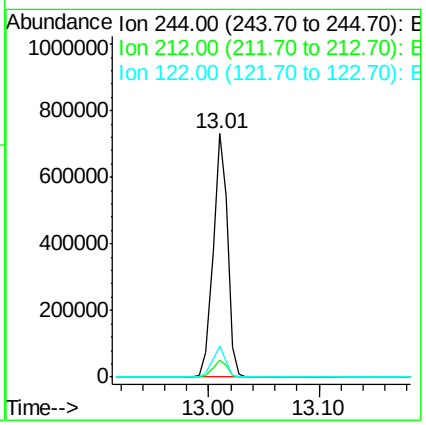


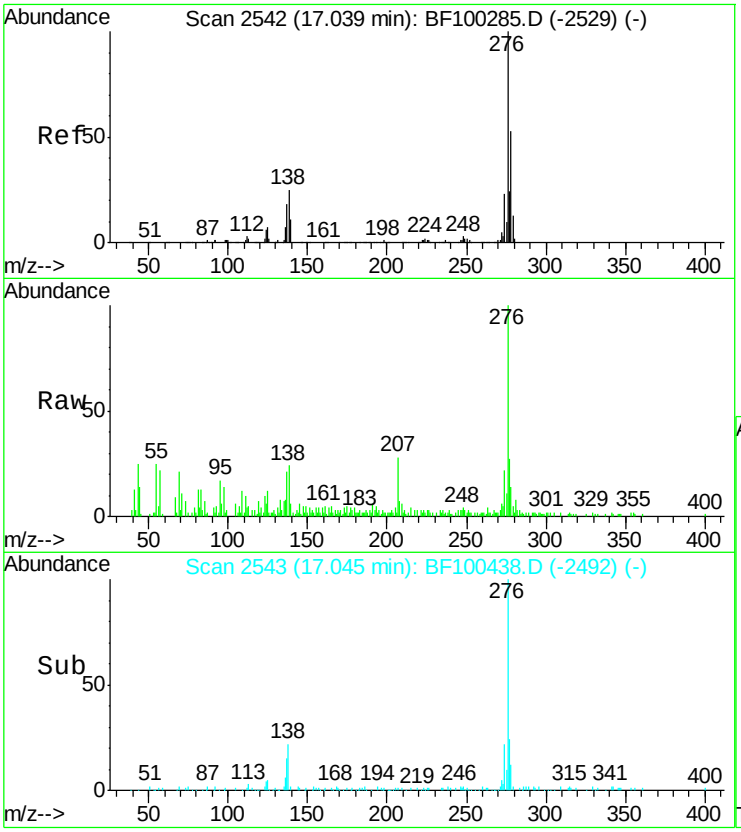


#78
Terphenyl-d14
Concen: 44.67 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:244 Resp: 649524

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4



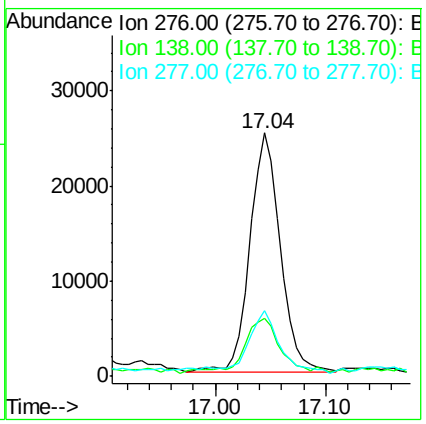


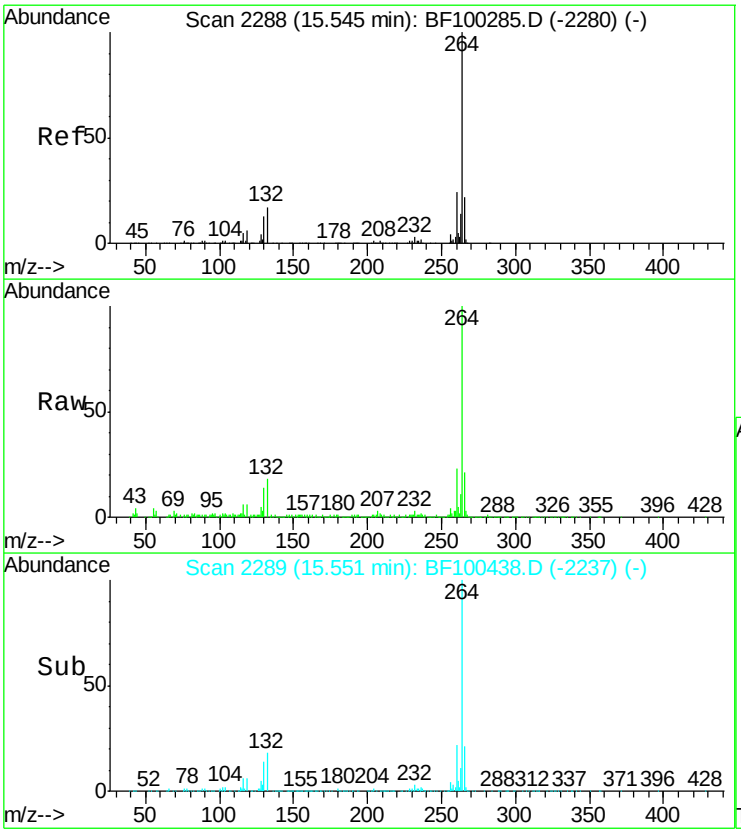
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.05 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:276 Resp: 48076

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	26.0	20.1	30.1

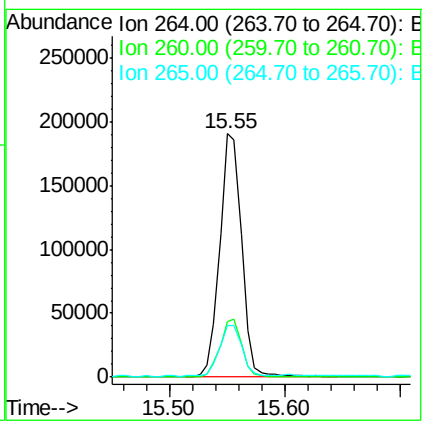


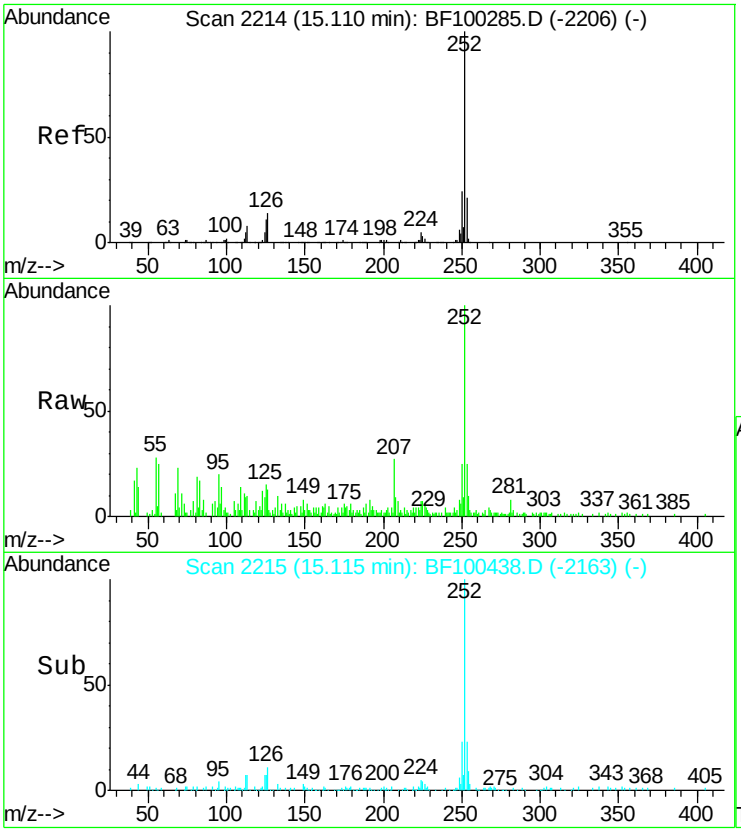


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:264 Resp: 249880

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3



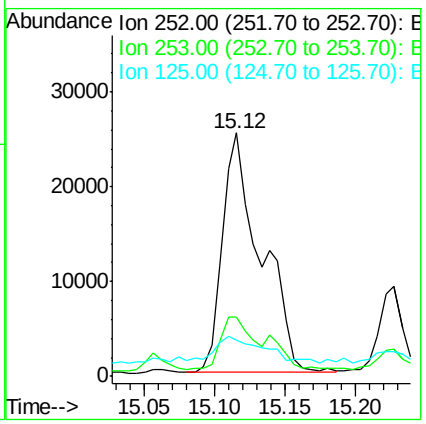


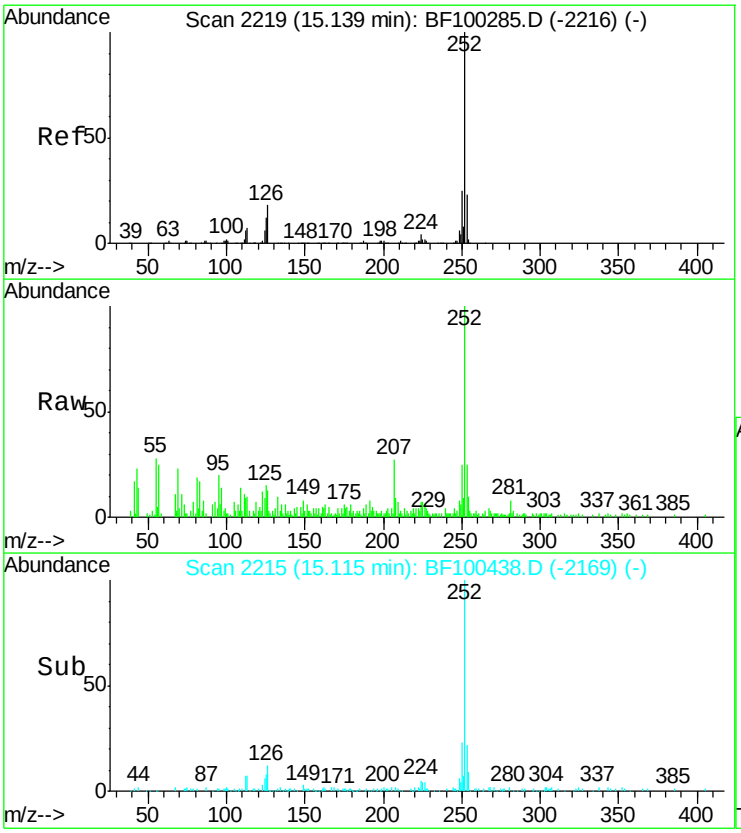
#87
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:252 Resp: 48423

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	14.7	9.0	13.6#

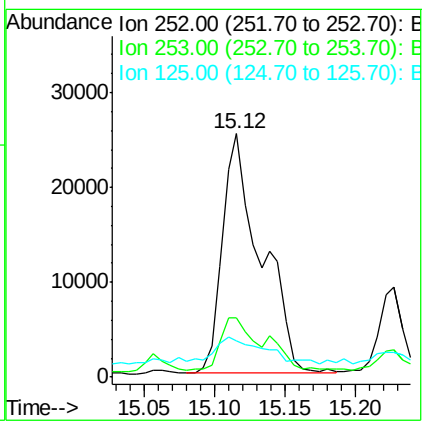


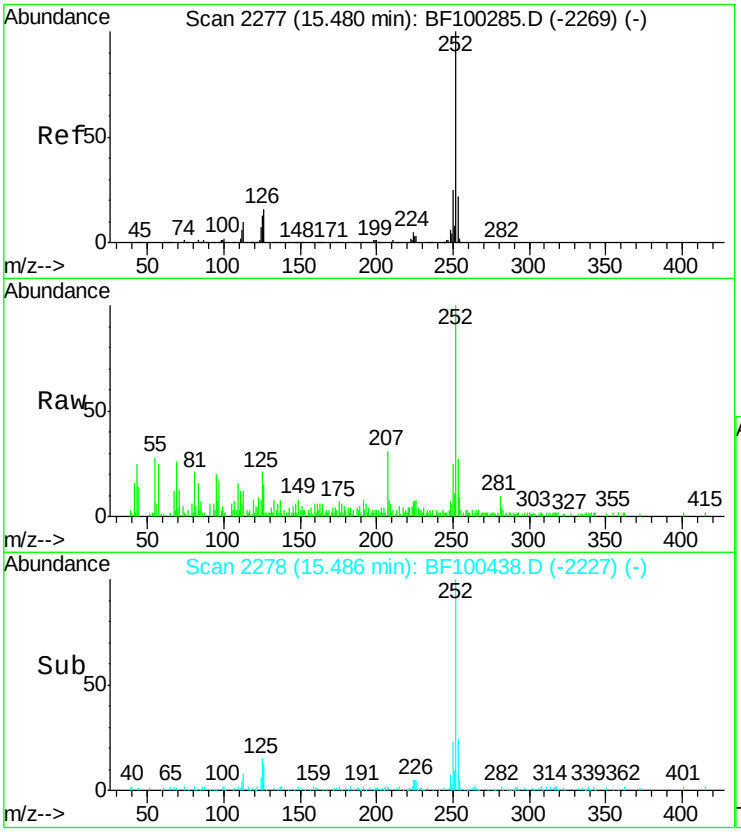


#88
Benzo(k)fluoranthene
Concen: 3.46 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:252 Resp: 48423

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	14.7	10.2	15.2



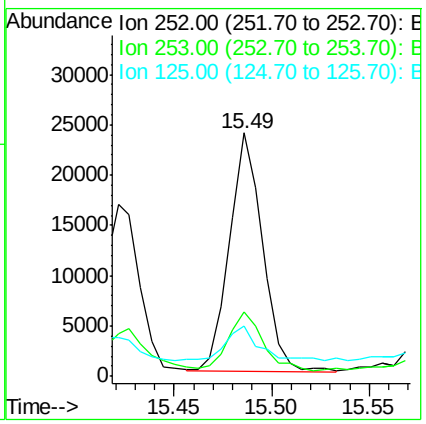


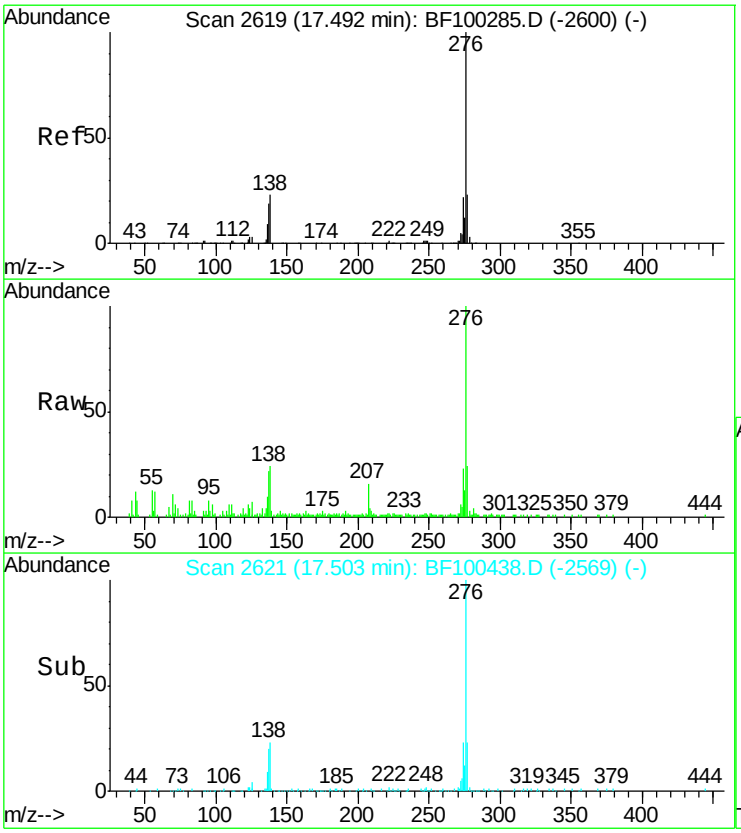
#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tgt Ion:252 Resp: 27869

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	20.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 9.58 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion:276 Resp: 100658

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	23.8	21.8	32.8