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

Quantitation Report (Not Reviewed)

Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Time: Nov 13 01:09:12 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	149239	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	527475	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	194304	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	315928	20.00	ng		0.00
75) Chrysene-d12	14.07	240	317582	20.00	ng		0.00
86) Perylene-d12	15.55	264	230414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	808162	86.81	ng		0.01
7) Phenol-d6	6.53	99	967445	84.27	ng		0.00
23) Nitrobenzene-d5	7.46	82	574069	71.95	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	161638	81.64	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	886282	69.46	ng		0.00
78) Terphenyl-d14	13.01	244	666604	48.23	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	50940	4.23	ng		97
19) n-Nitroso-di-n-propylamine	7.46	70	75060	9.43	ng	#	84
25) Isophorone	7.46	82	571357	34.08	ng	#	64
47) 2-Nitroaniline	9.65	65	899	3.02	ng	#	1
49) Dimethylphthalate	9.65	163	87049	5.87	ng		99
56) 2,4-Dinitrotoluene	9.94	165	24530	6.62	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.73	198	183	8.66	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	10167	3.00	ng	#	1
74) Fluoranthene	12.64	202	122106	6.93	ng		95
77) Pyrene	12.87	202	135162	5.97	ng		98
80) Benzo(a)anthracene	14.06	228	41810	2.19	ng		97
82) Chrysene	14.09	228	47285	2.55	ng		98
87) Benzo(b)fluoranthene	15.12	252	69650	5.10	ng		95
88) Benzo(k)fluoranthene	15.12	252	69650	5.40	ng		98
89) Benzo(a)pyrene	15.49	252	32462	2.68	ng		98
91) Benzo(g,h,i)perylene	17.50	276	24141	2.49	ng	#	89

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

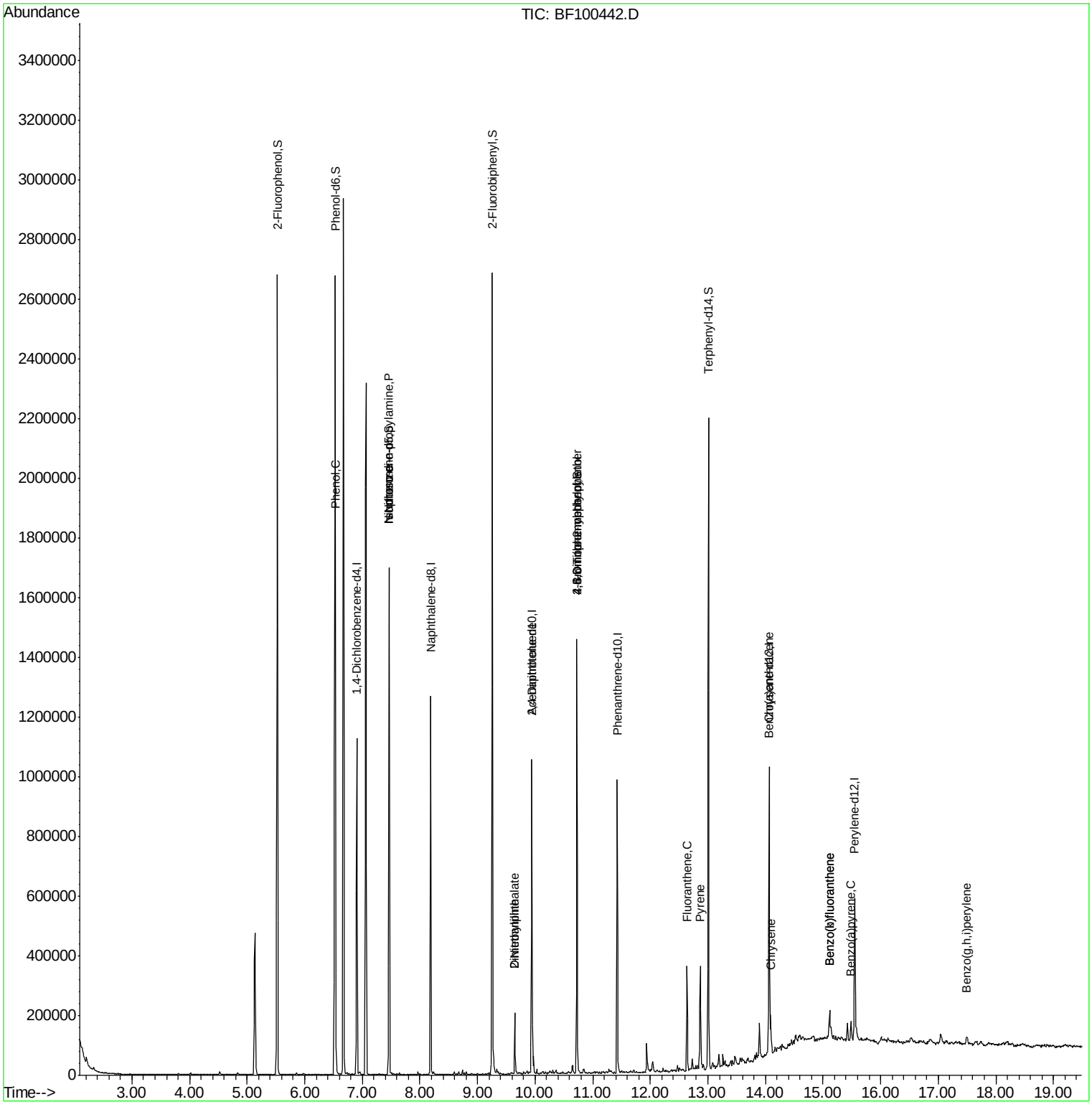
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

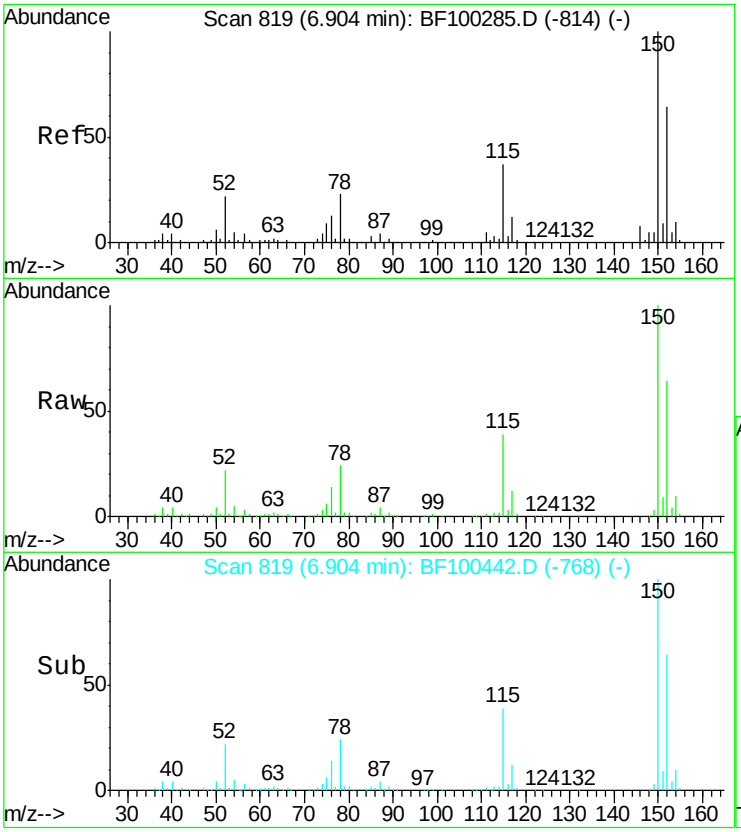
Quantitation Report (Not Reviewed)

Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: Nov 13 01:09:12 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



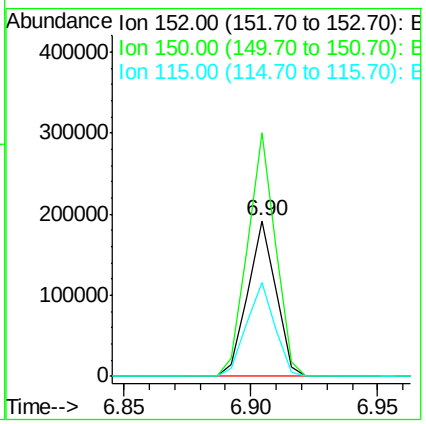


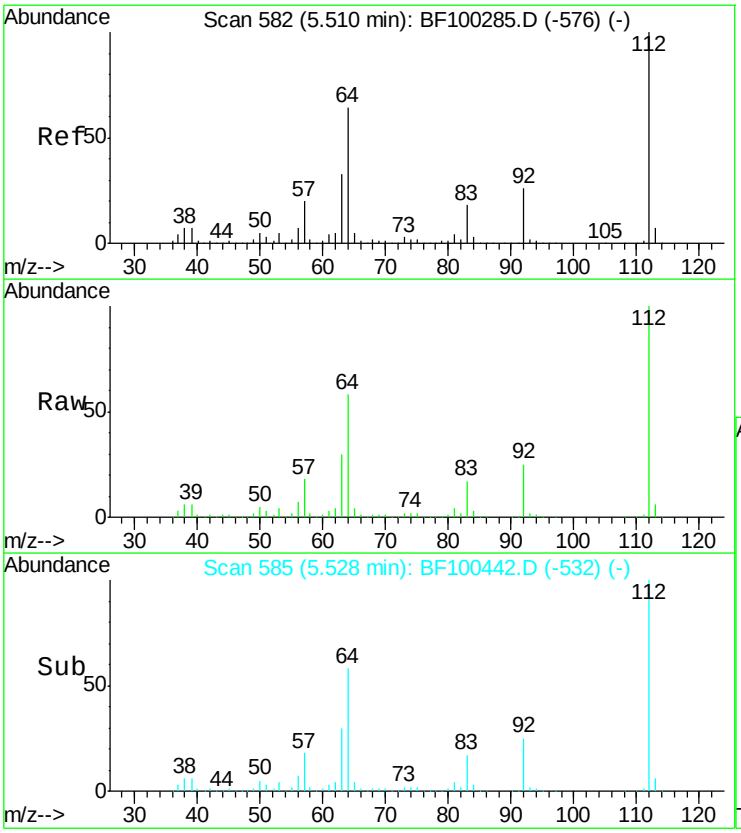
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:152 Resp: 149239

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.4	50.1	75.1

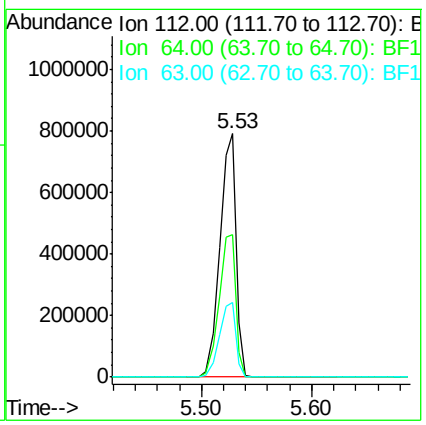


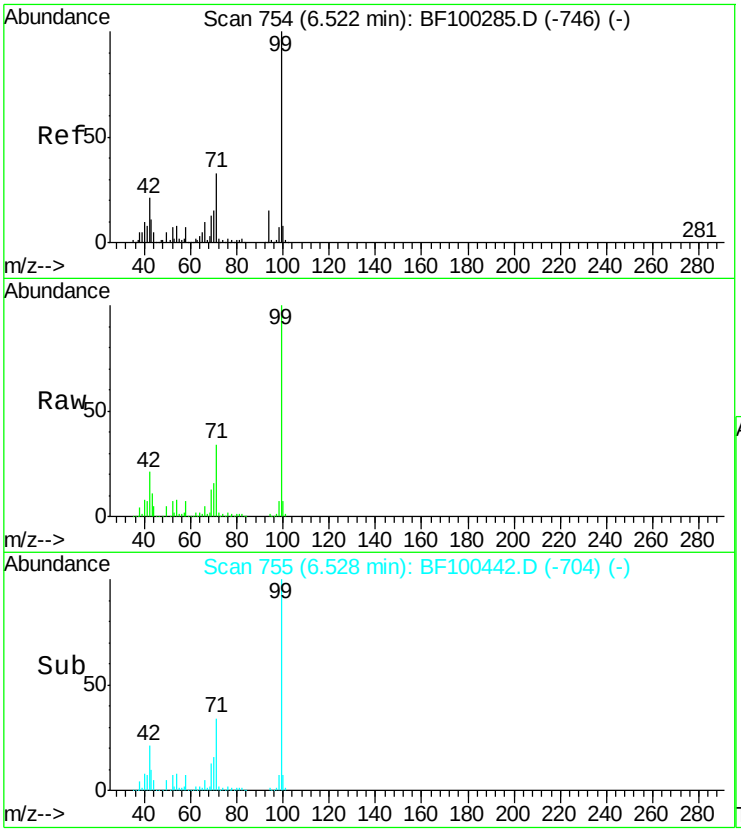


#5
2-Fluorophenol
Concen: 86.81 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:112 Resp: 808162

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.4	23.7	35.5



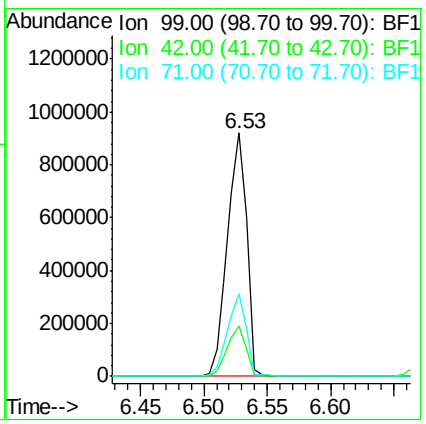


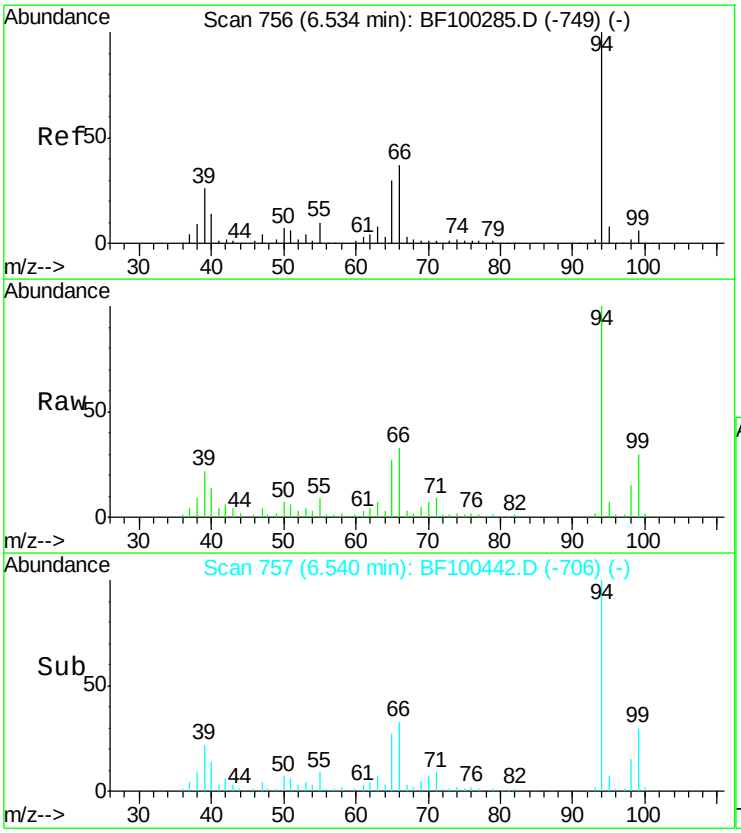
#7
Phenol-d6
Concen: 84.27 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion: 99 Resp: 967445

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	34.0	25.4	38.0

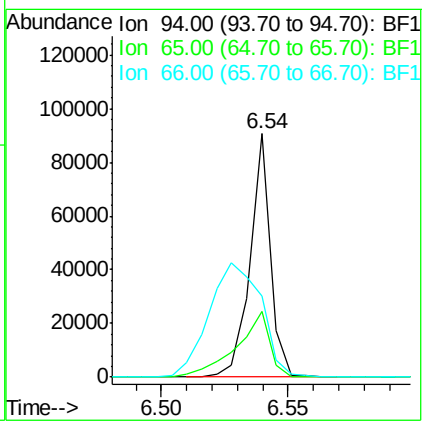


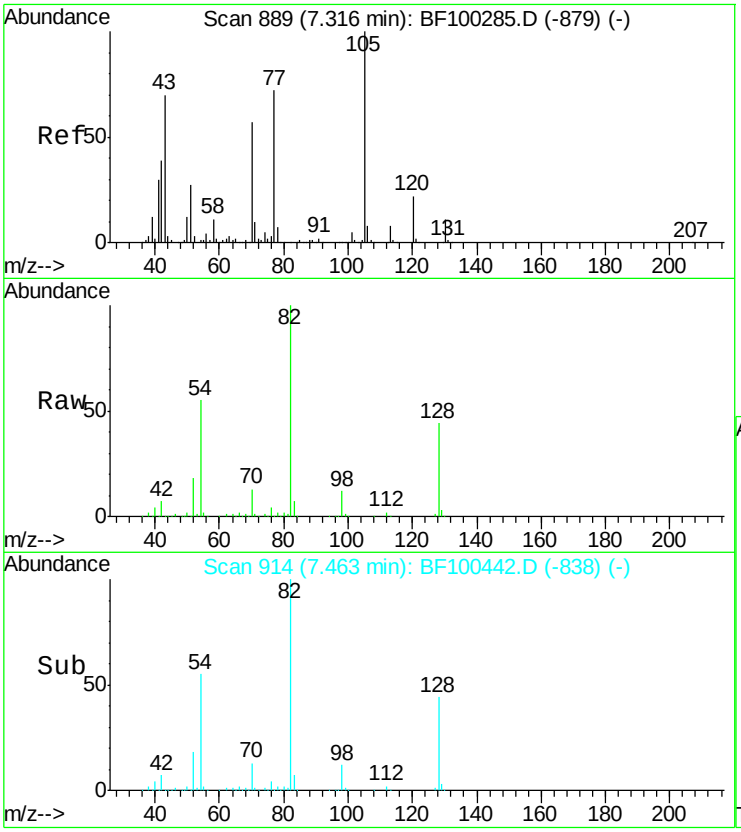


#10
Phenol
Concen: 4.23 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion: 94 Resp: 50940

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	33.4	16.2	56.2



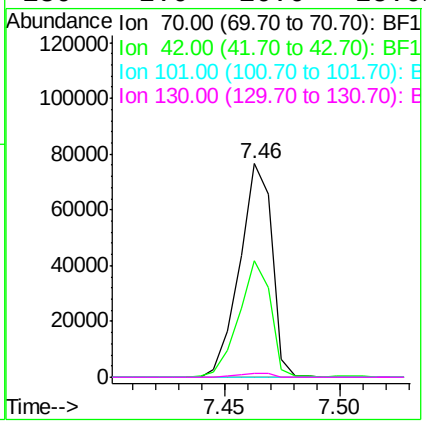


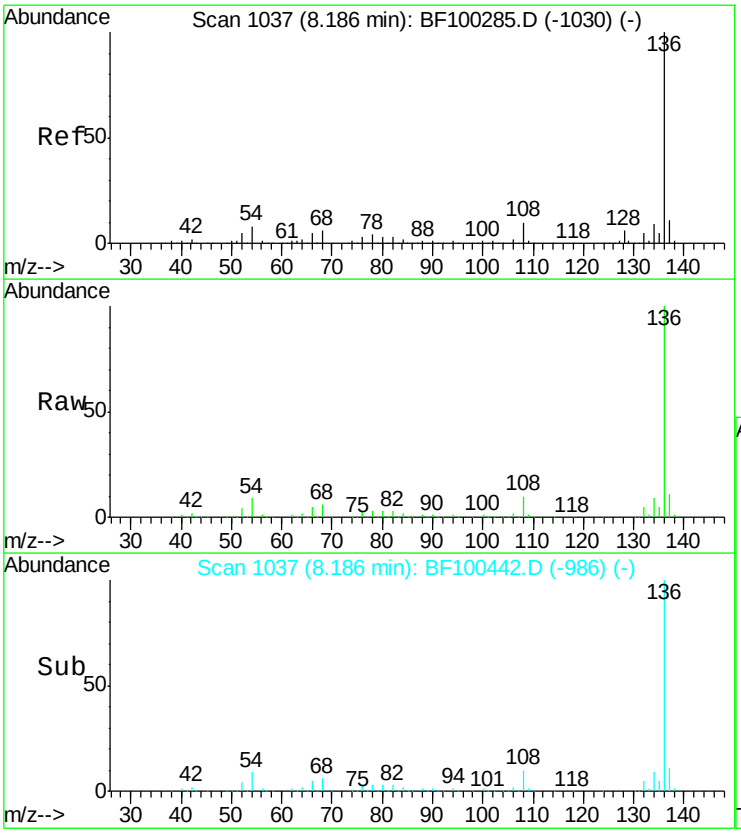
#19
n-Nitroso-di-n-propylamine
Concen: 9.43 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion: 70 Resp: 75060

Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

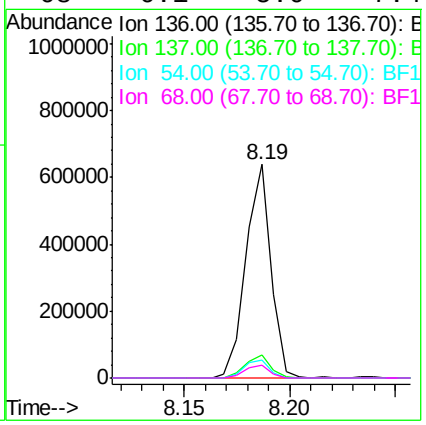


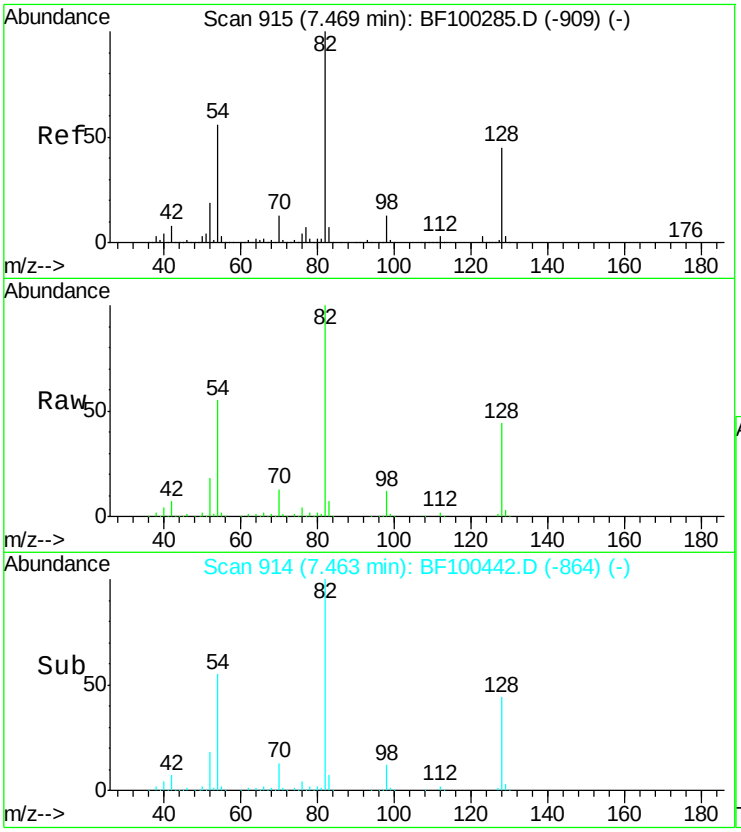


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:136 Resp: 527475

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.7	6.6	9.8
68	6.1	5.0	7.4



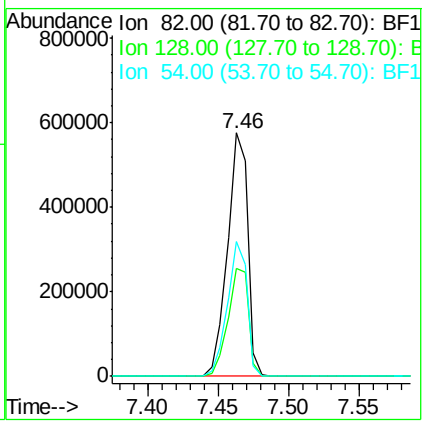


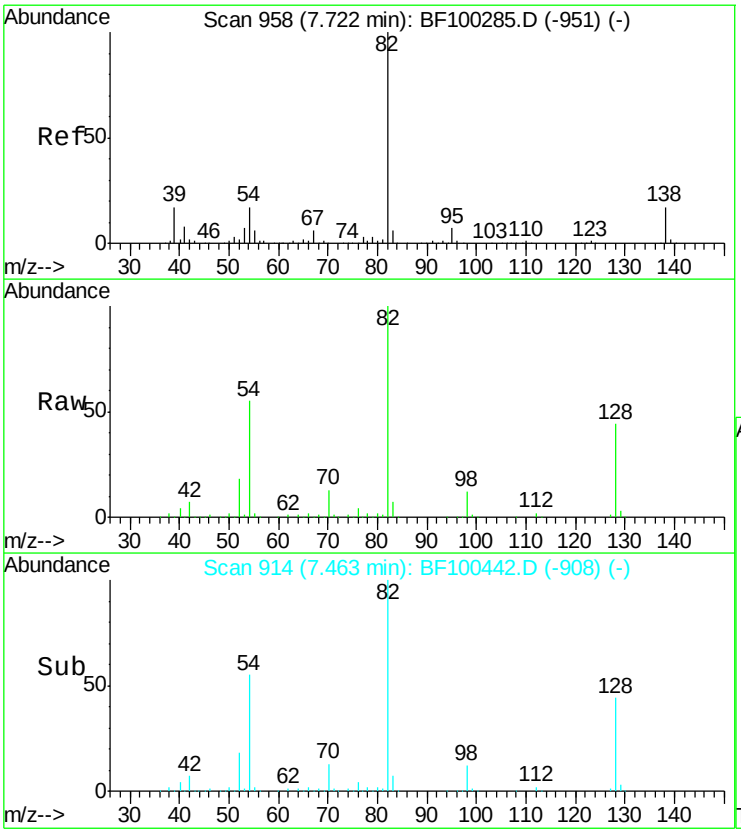
#23
Nitrobenzene-d5
Concen: 71.95 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion: 82 Resp: 574069

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.4	41.4	62.2

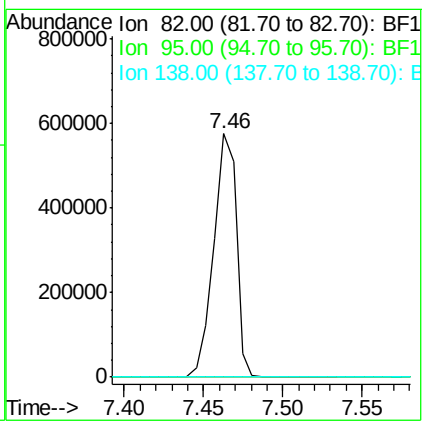


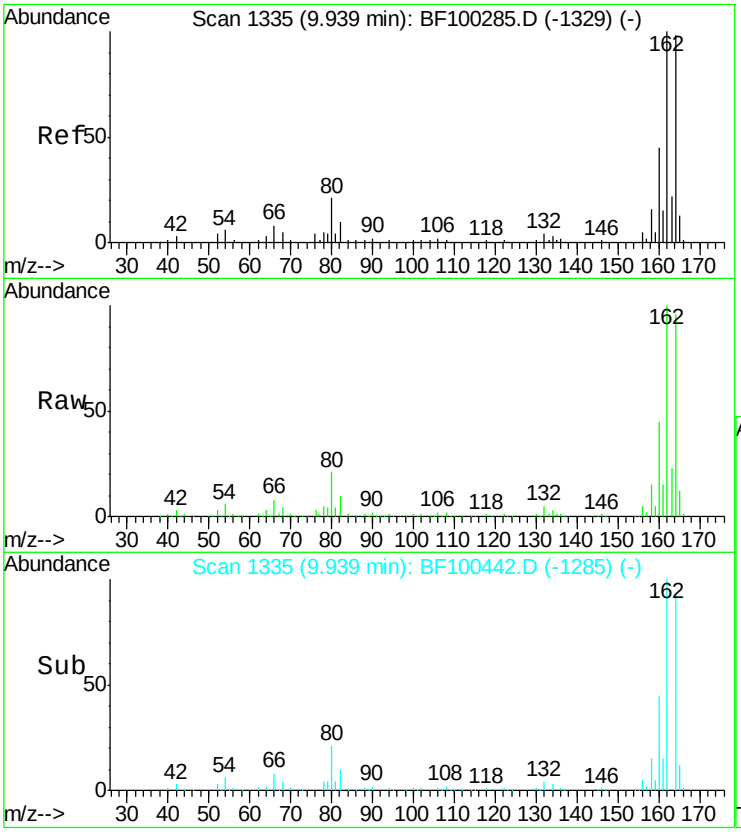


#25
Isophorone
Concen: 34.08 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion: 82 Resp: 571357

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



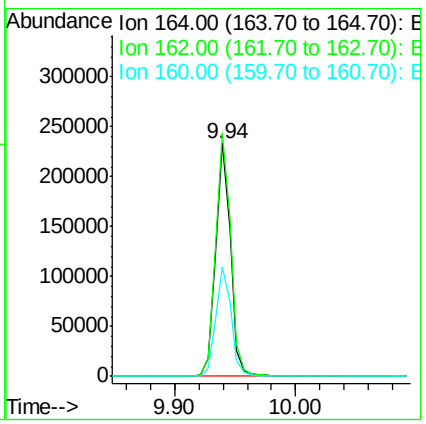


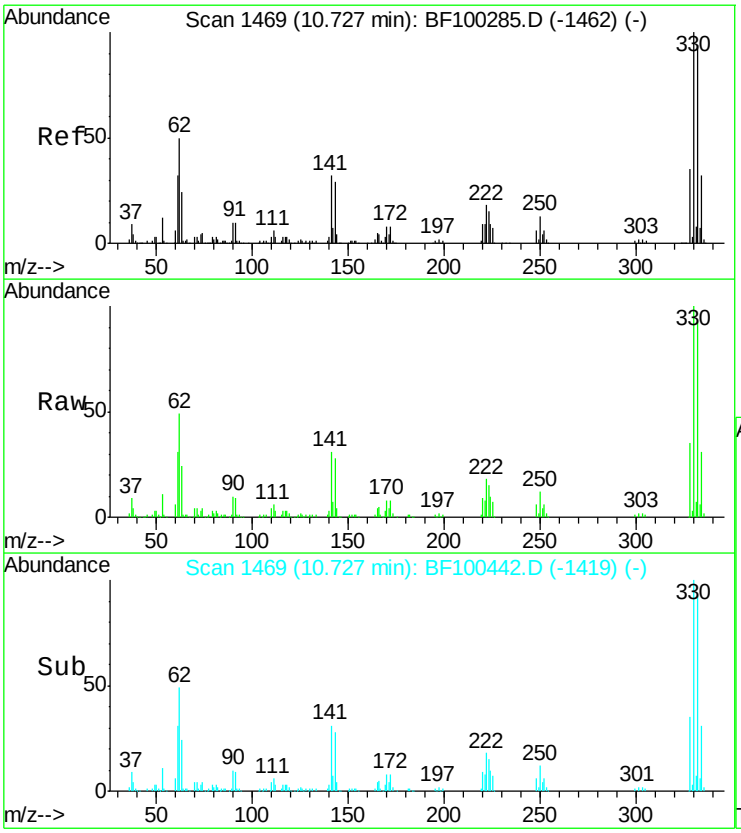
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:164 Resp: 194304

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5

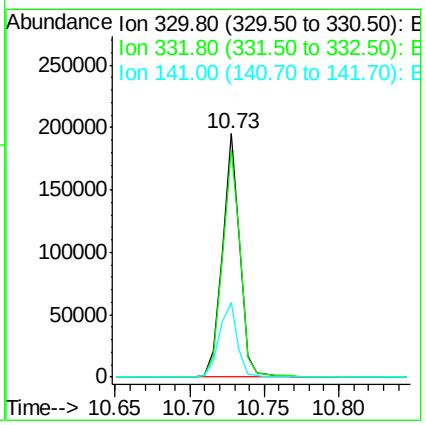


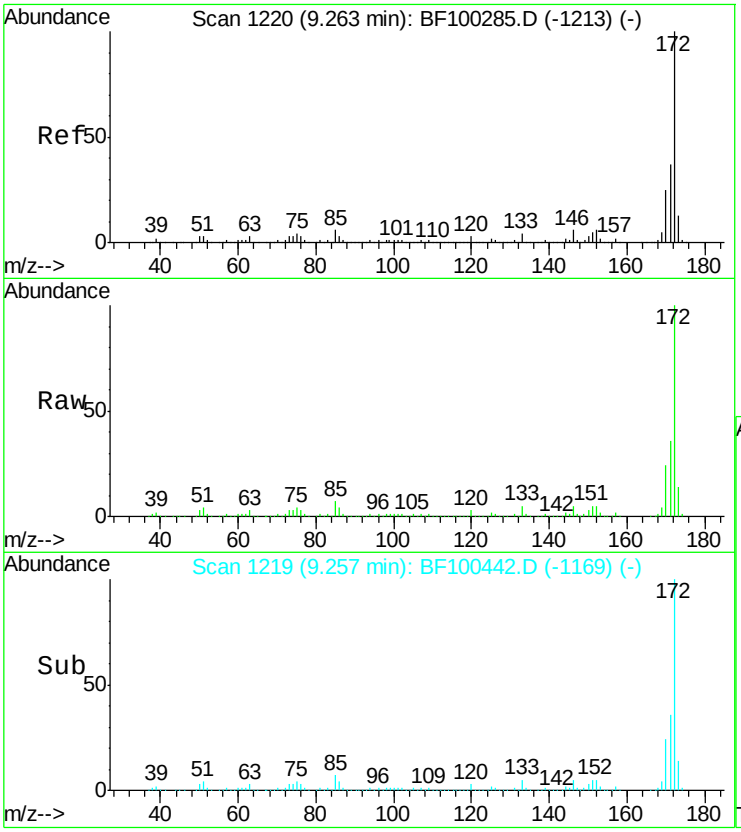


#41
2,4,6-Tribromophenol
Concen: 81.64 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:330 Resp: 161638

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.9	29.9	44.9



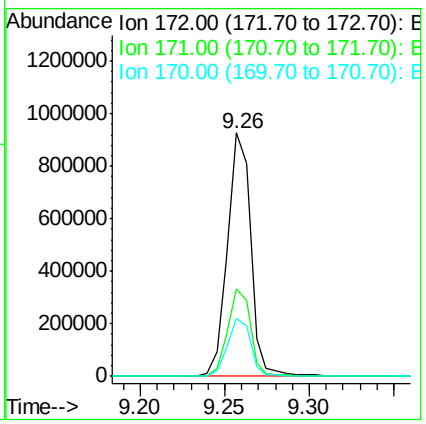


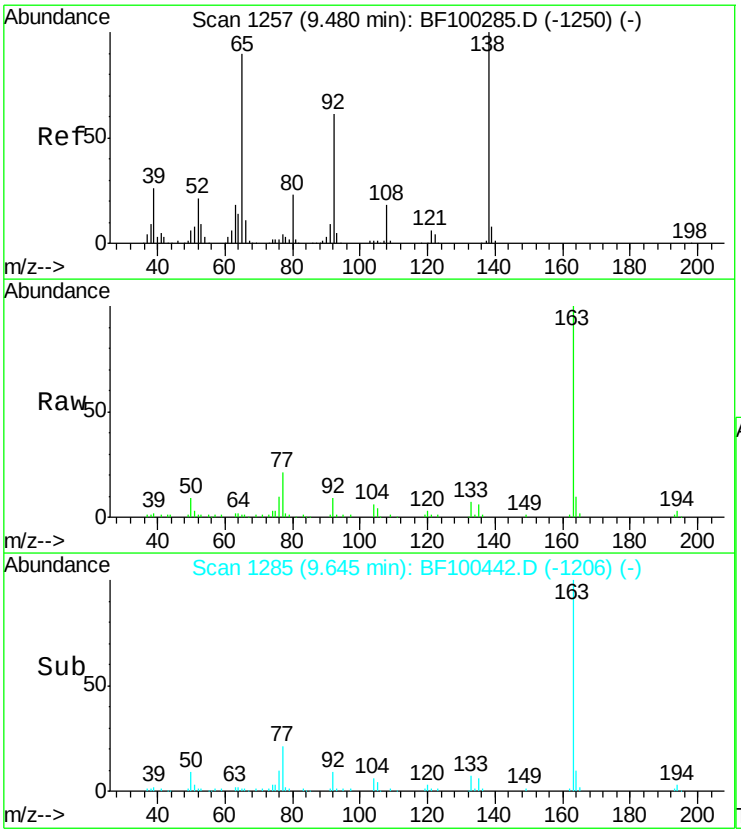
#44
2-Fluorobiphenyl
Concen: 69.46 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:172 Resp: 886282

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

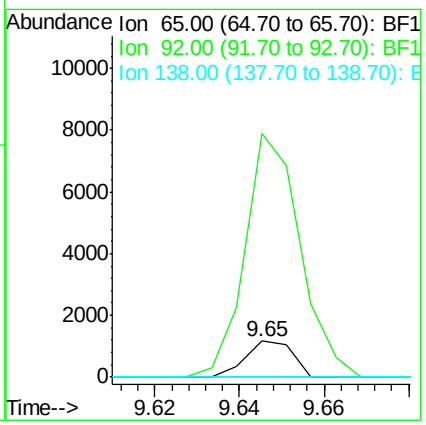


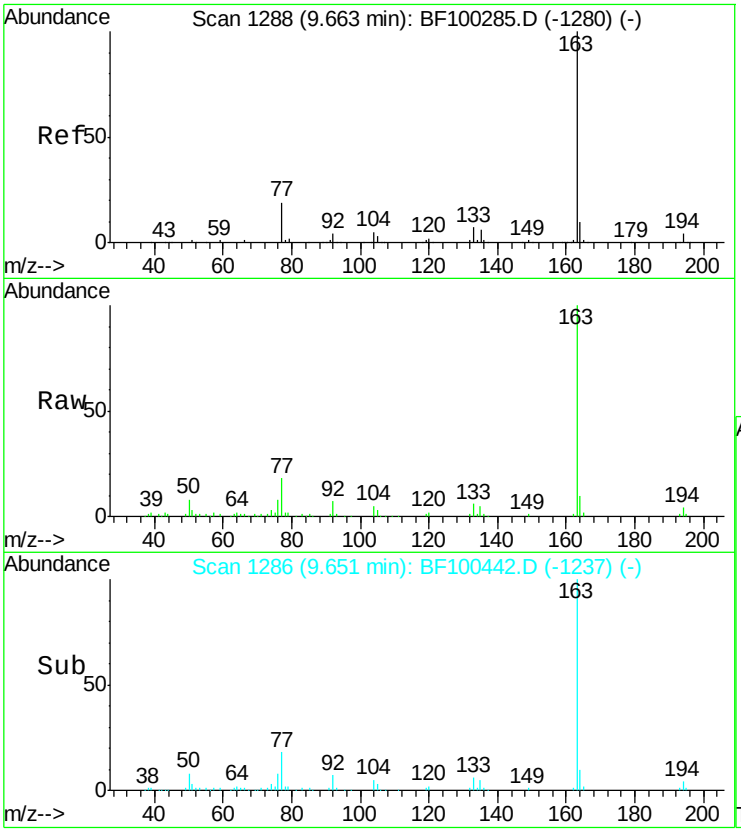


#47
2-Nitroaniline
Concen: 3.02 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion: 65 Resp: 899

Ion	Ratio	Lower	Upper
65	100		
92	676.5	55.8	83.6#
138	0.0	91.2	136.8#



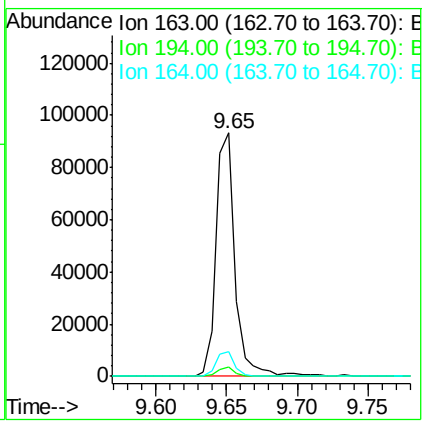


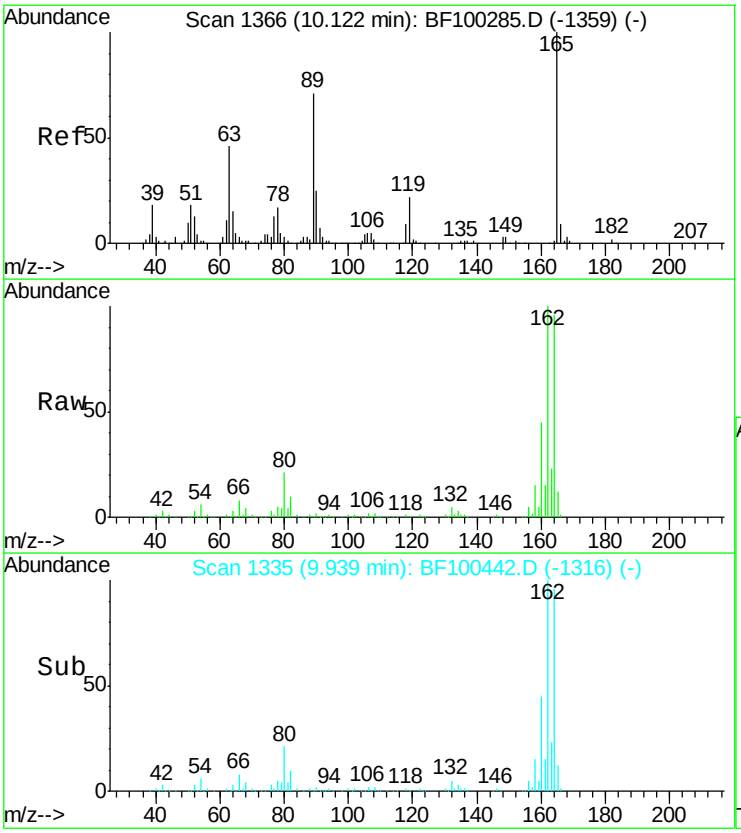
#49
Dimethylphthalate
Concen: 5.87 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:163 Resp: 87049

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

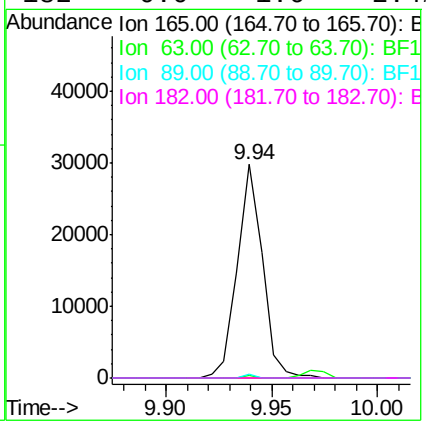


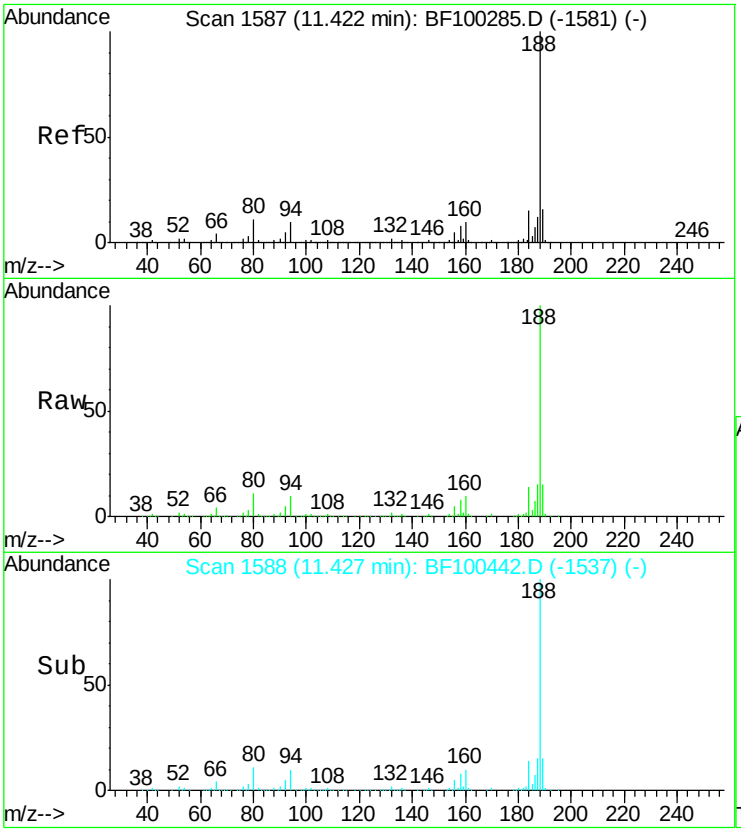


#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:165 Resp: 24530

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



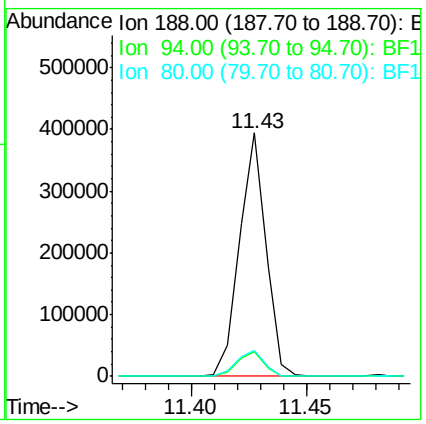


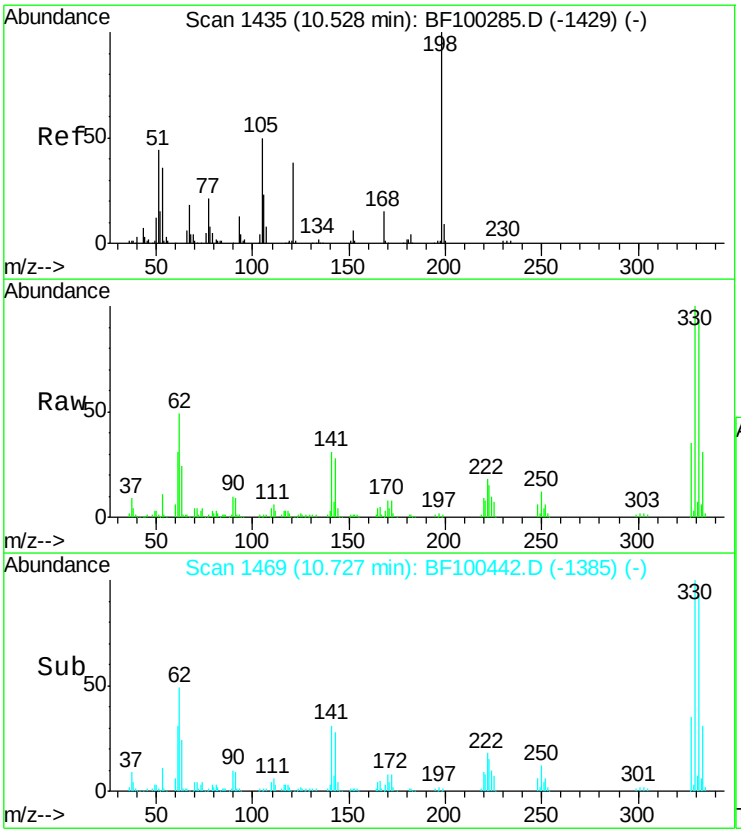
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:188 Resp: 315928

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

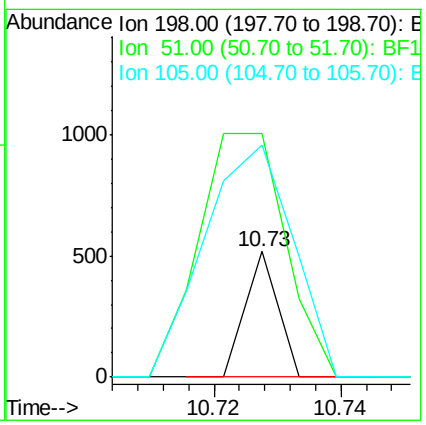


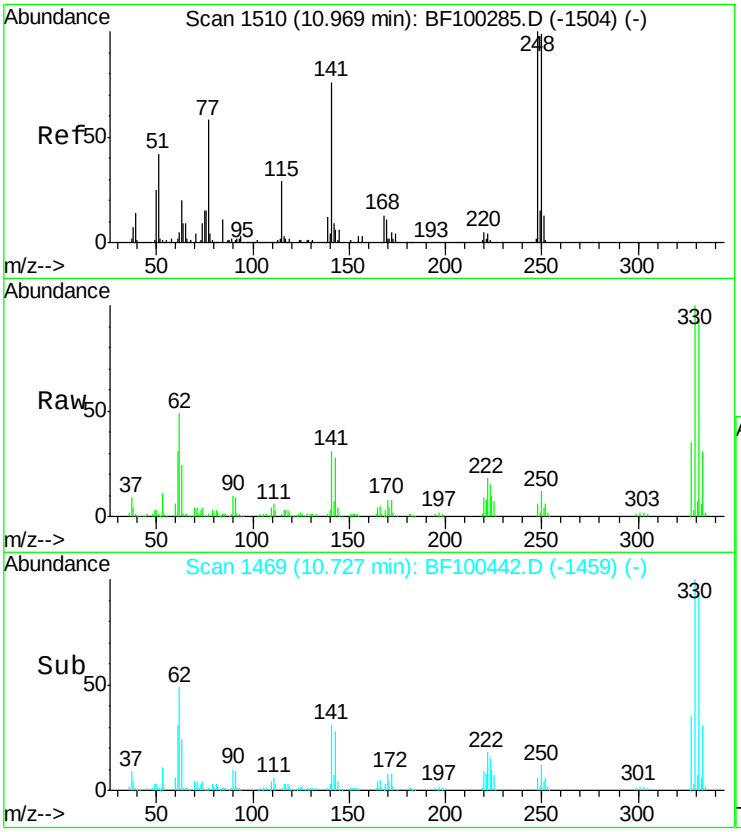


#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:198 Resp: 183

Ion	Ratio	Lower	Upper
198	100		
51	194.0	37.7	77.7#
105	184.9	36.3	76.3#



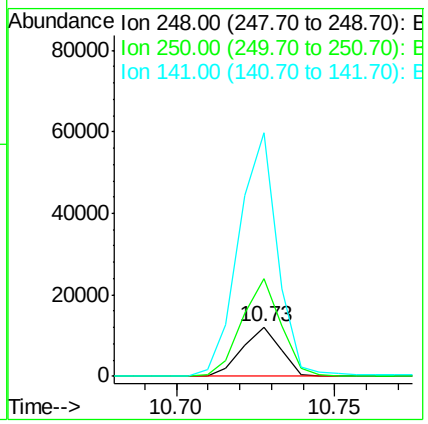


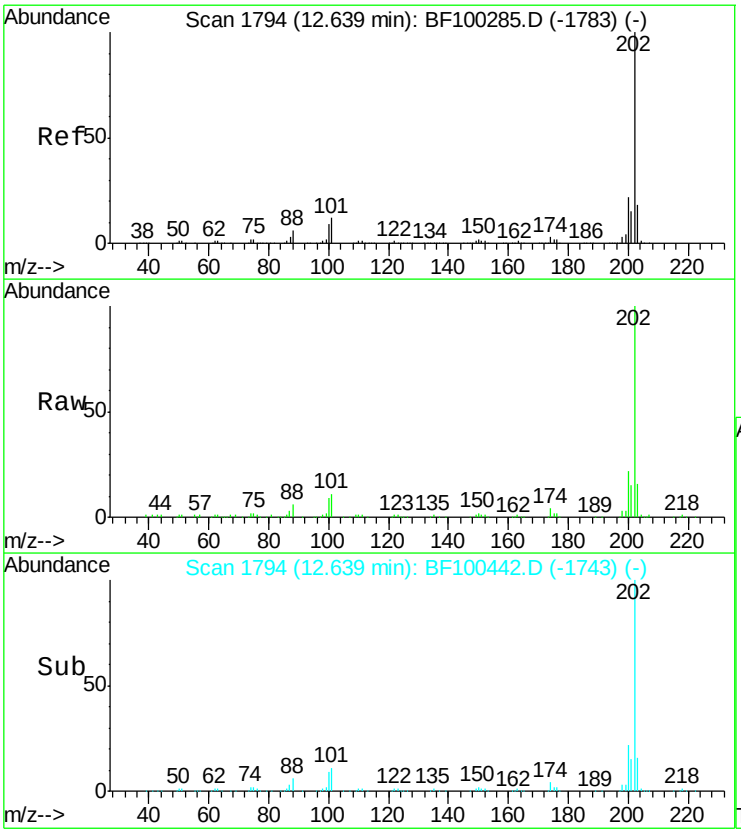
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:248 Resp: 10167

Ion	Ratio	Lower	Upper
248	100		
250	196.3	76.9	115.3#
141	490.5	74.4	111.6#

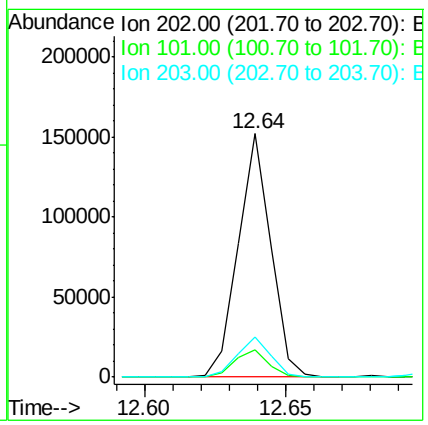


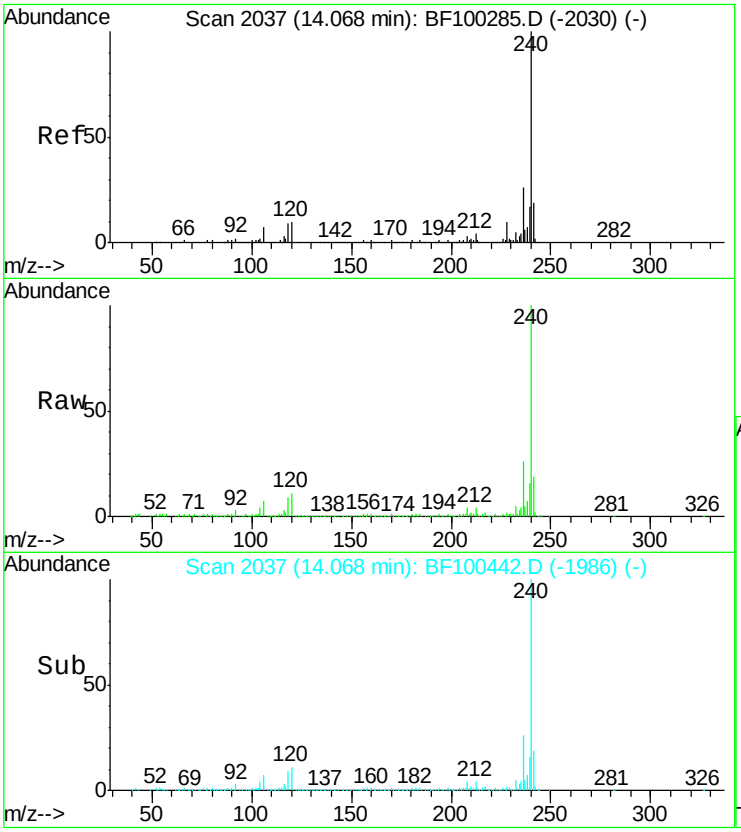


#74
Fluoranthene
Concen: 6.93 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:202 Resp: 122106

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.2	0.0	38.1



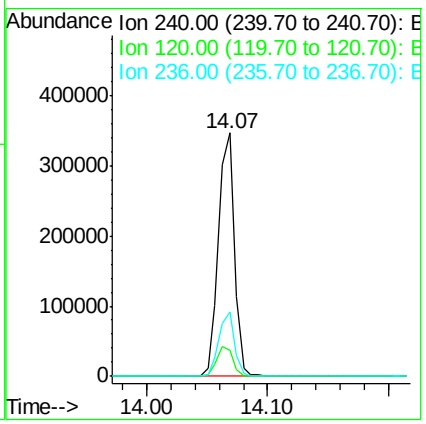


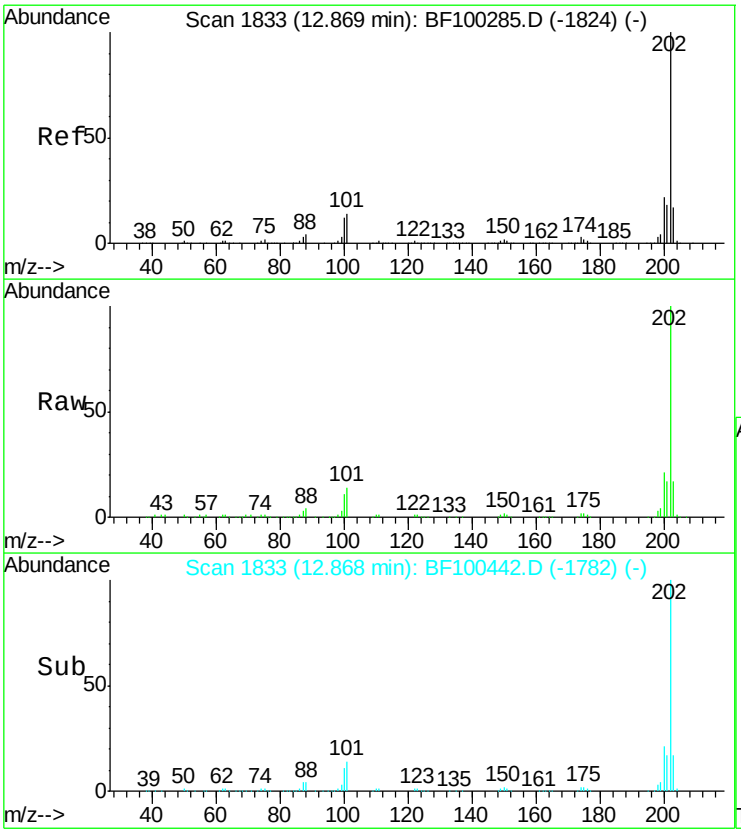
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:240 Resp: 317582

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1

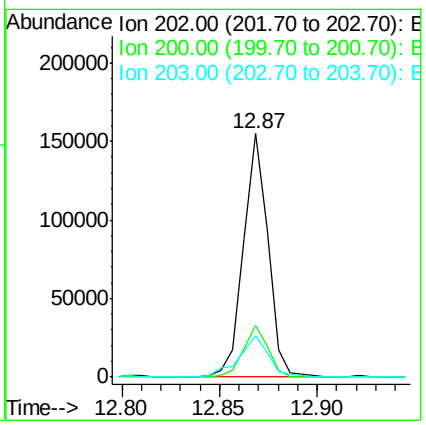


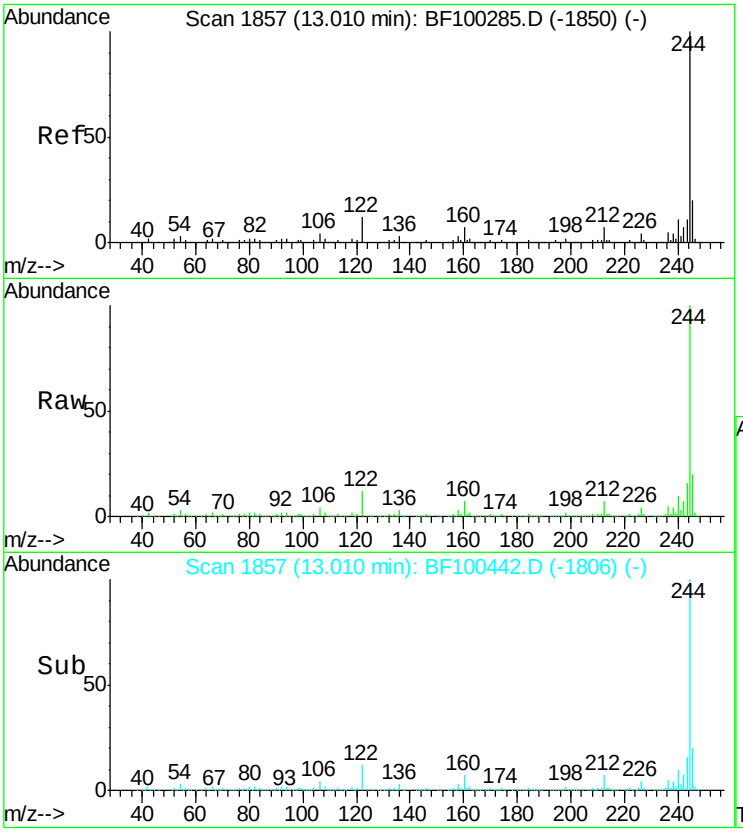


#77
Pyrene
Concen: 5.97 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:202 Resp: 135162

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5



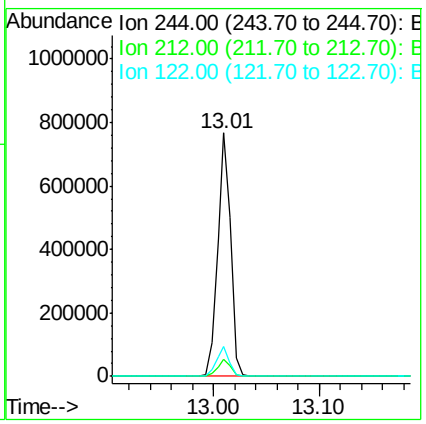


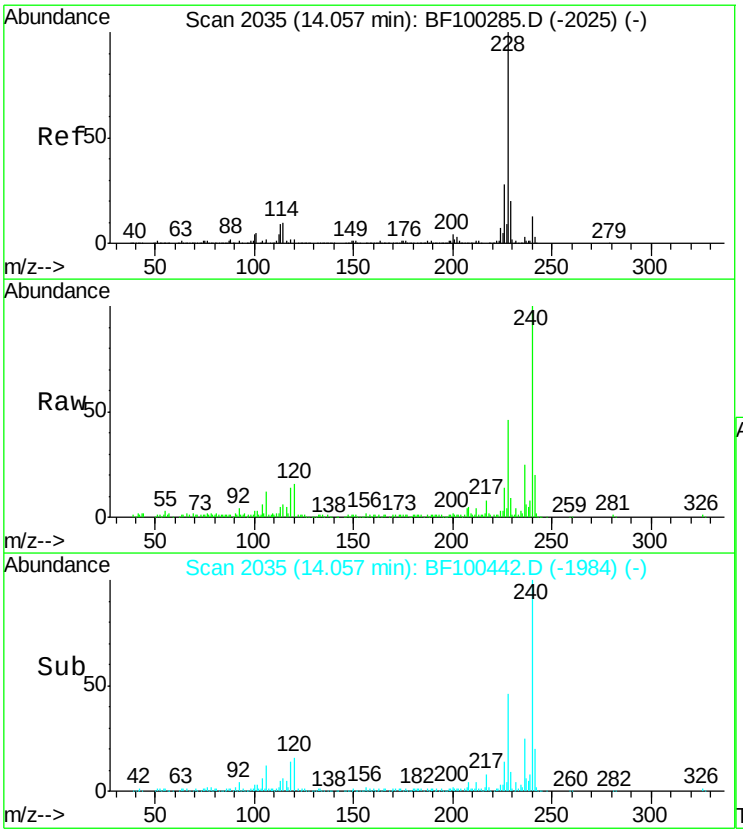
#78
Terphenyl-d14
Concen: 48.23 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:244 Resp: 666604

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4

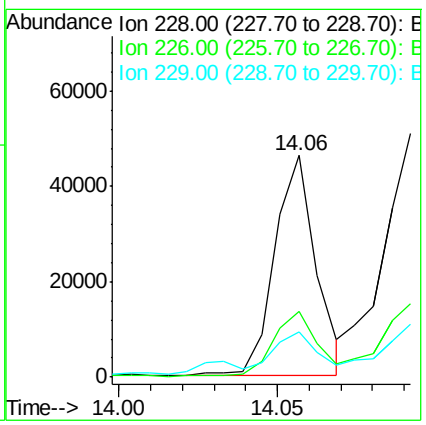


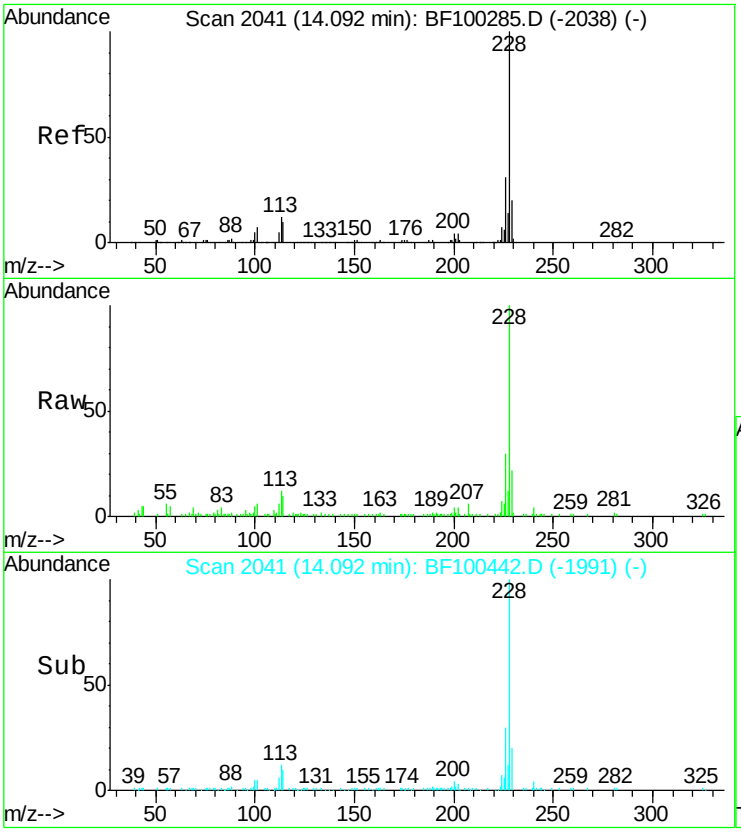


#80
Benzo(a)anthracene
Concen: 2.19 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:228 Resp: 41810

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.6	15.8	23.6



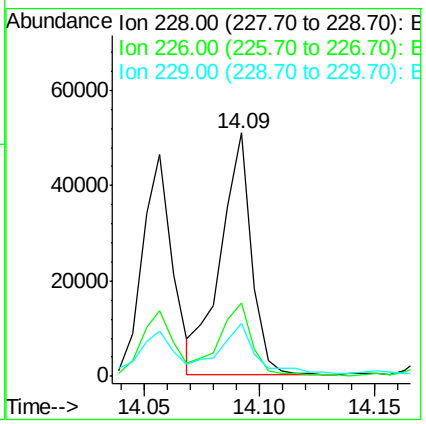


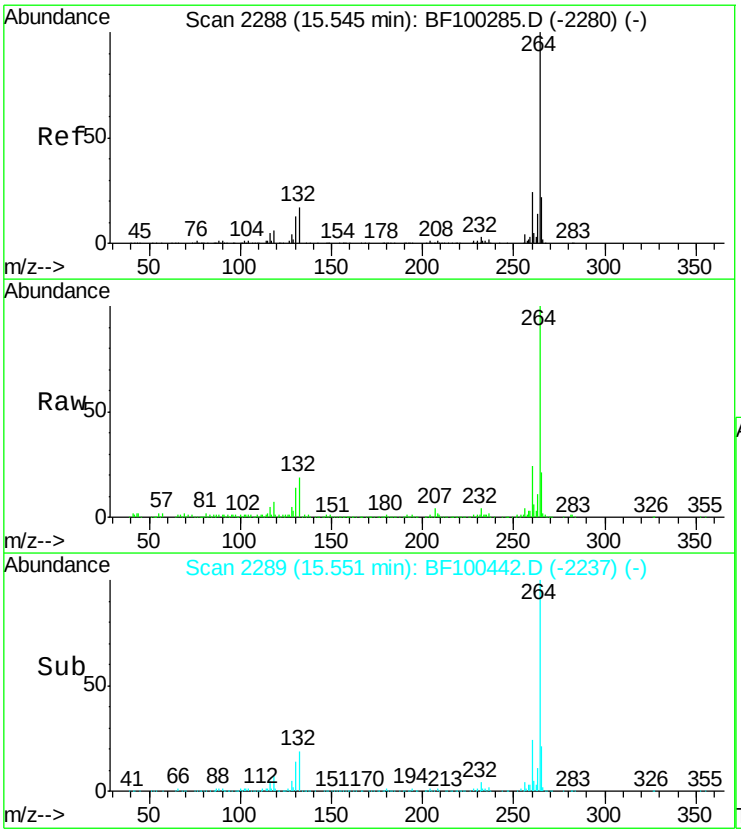
#82
Chrysene
Concen: 2.55 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:228 Resp: 47285

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.6	16.2	24.4

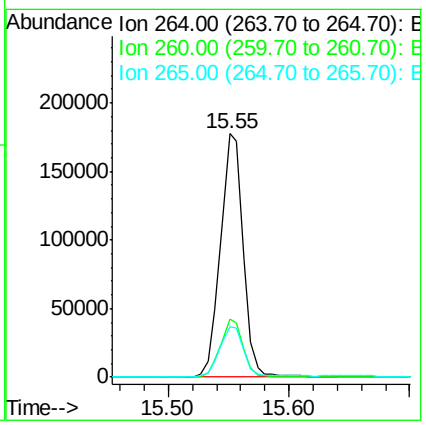


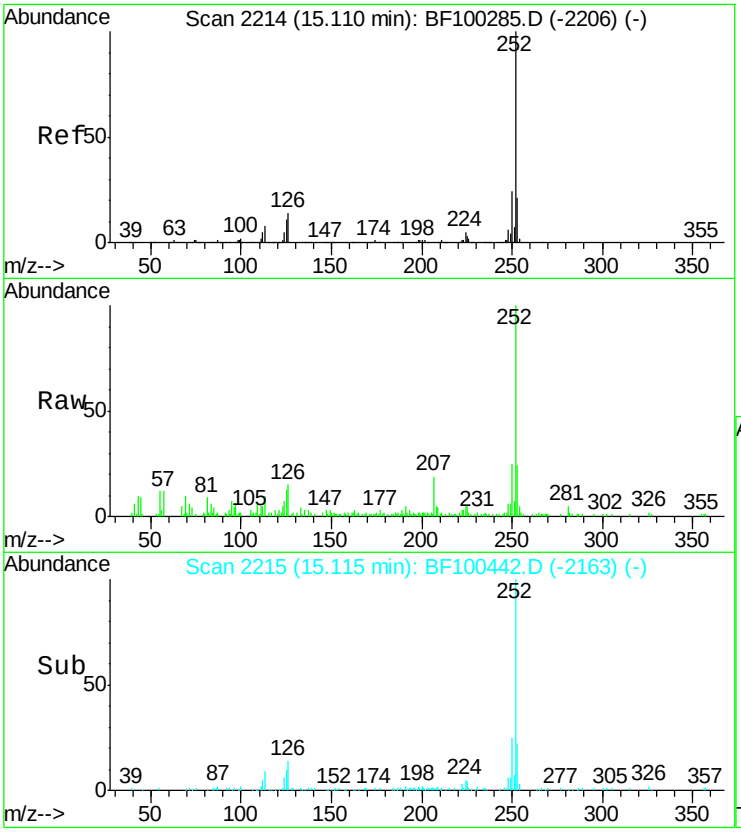


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:264 Resp: 230414

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3



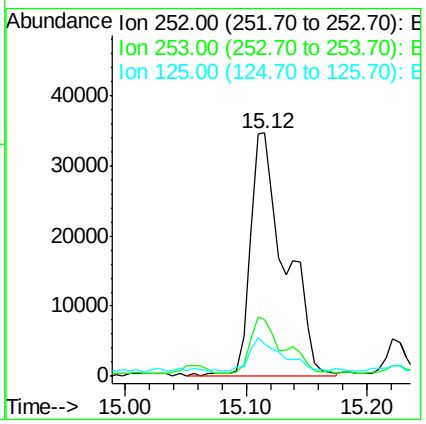


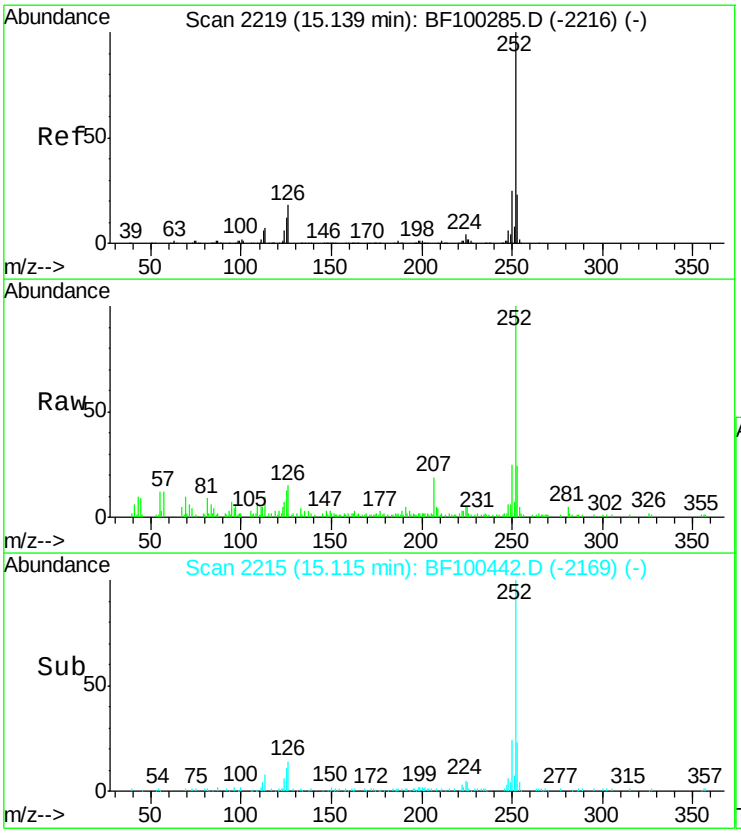
#87
Benzo(b)fluoranthene
Concen: 5.10 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:252 Resp: 69650

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.1	9.0	13.6

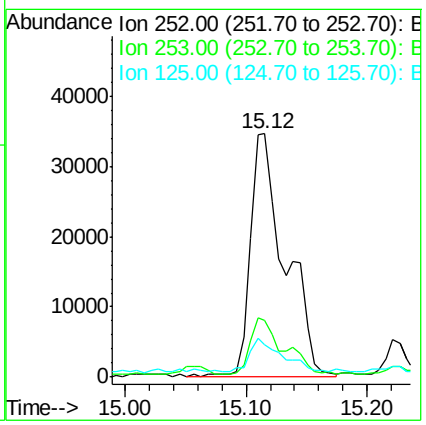


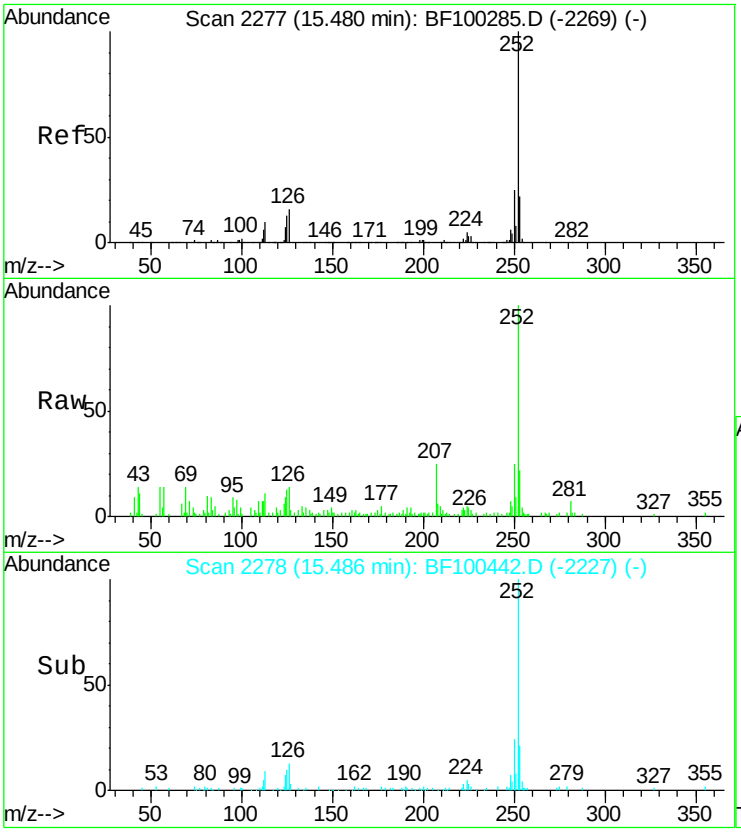


#88
Benzo(k)fluoranthene
Concen: 5.40 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:252 Resp: 69650

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.1	10.2	15.2



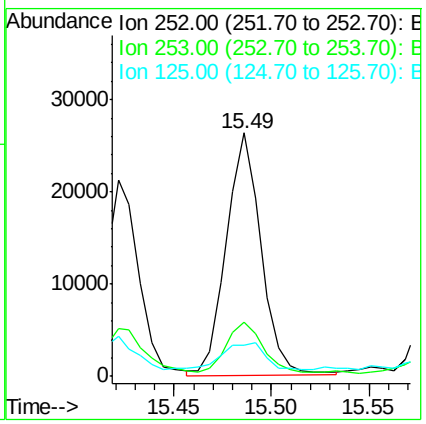


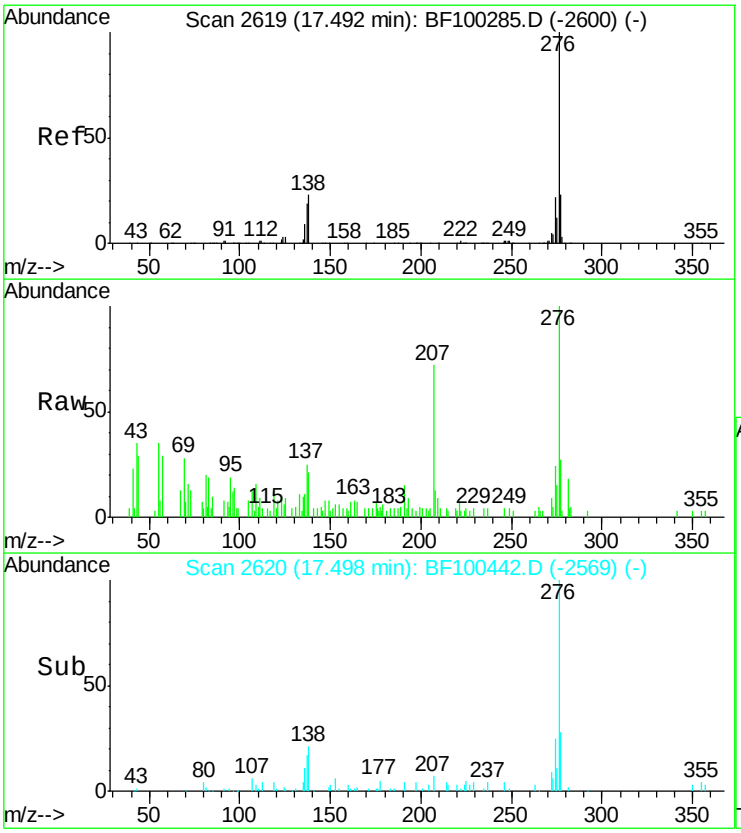
#89
Benzo(a)pyrene
Concen: 2.68 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:252 Resp: 32462

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion:276 Resp: 24141

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	20.8	21.8	32.8#