Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

Data File : BF100748.D
Acq On : 20 Nov 2017 23:28
Operator : SJ/JU
Sample : I6304-20 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-E

Quant Time: Nov 21 03:32:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86390	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	328965	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	132595	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	198282	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	194657	20.00	ng		-0.01
86) Perylene-d12	15.50	264	207812	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	106852	19.83	ng		-0.02
7) Phenol-d6	6.49	99	123038	18.51	ng		-0.02
23) Nitrobenzene-d5	7.43	82	70890	14.25	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	21966	16.26	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	142924	16.41	ng		-0.02
78) Terphenyl-d14	12.97	244	86640	10.23	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.43	82	70889	6.78	ng	#	64
47) 2-Nitroaniline	9.56	65	402	2.94	ng	#	1
48) Acenaphthylene	9.77	152	28959	2.10	ng		99
50) 2,6-Dinitrotoluene	9.91	165	16526	8.25	ng	#	24
56) 2,4-Dinitrotoluene	9.91	165	16526	6.54	ng	#	21
70) Phenanthrene	11.42	178	65775	6.30	ng		97
74) Fluoranthene	12.60	202	190420	17.21	ng		98
77) Pyrene	12.83	202	221743	15.98	ng		99
80) Benzo(a)anthracene	14.02	228	153295	13.08	ng		96
82) Chrysene	14.06	228	127533	11.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	52801	5.75	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	211185	17.15	ng		97
88) Benzo(k)fluoranthene	15.18	252	27083	2.33	ng		97
89) Benzo(a)pyrene	15.44	252	115501	10.58	ng		98
91) Benzo(g,h,i)perylene	17.43	276	44591	5.10	ng	#	90

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

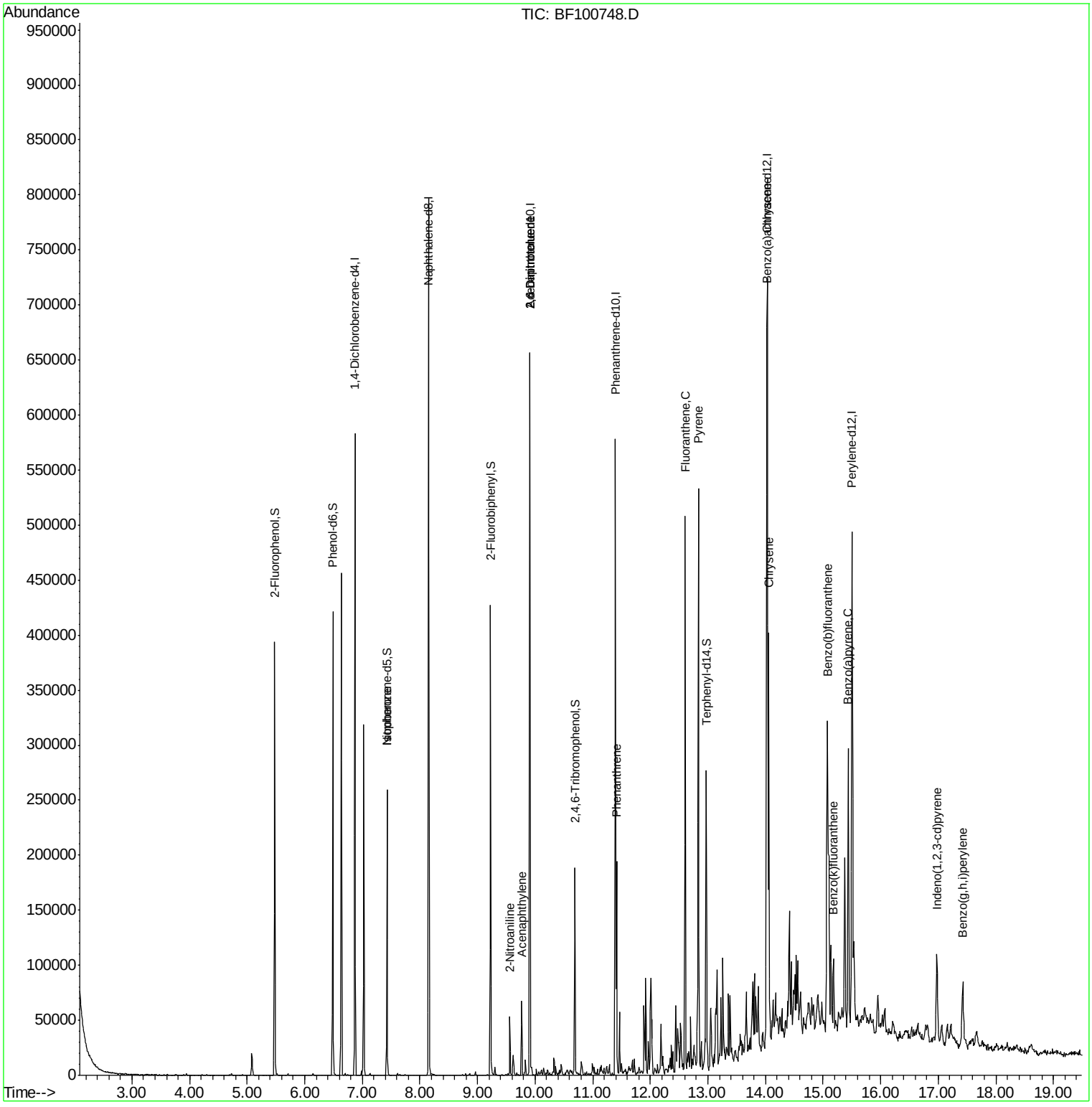
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

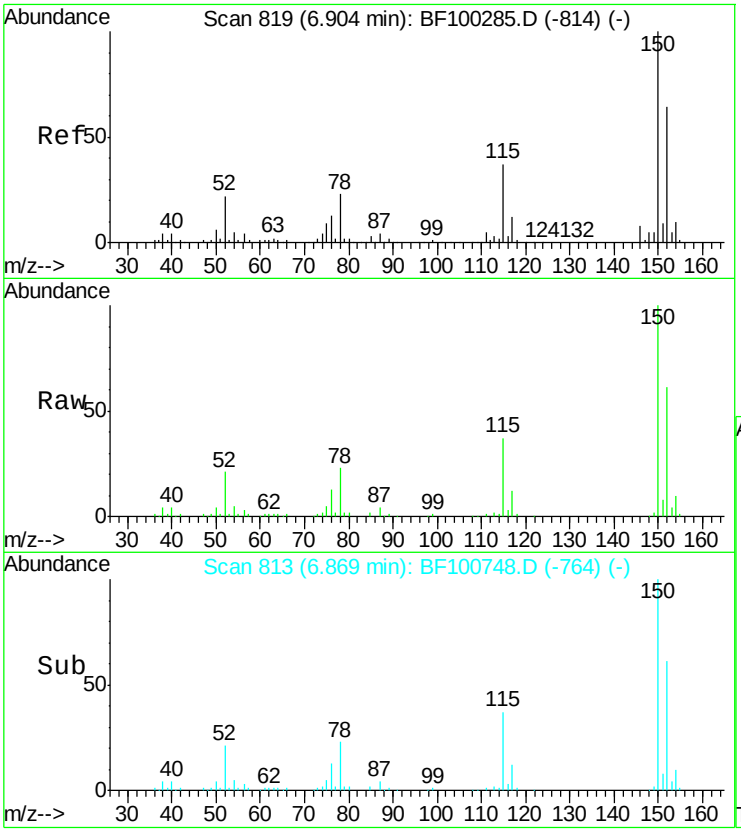
Quantitation Report (Not Reviewed)

Data File : BF100748.D
Acq On : 20 Nov 2017 23:28
Operator : SJ/JU
Sample : I6304-20 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Quant Time: Nov 21 03:32:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



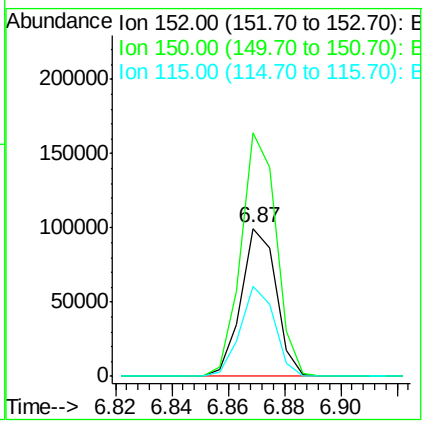


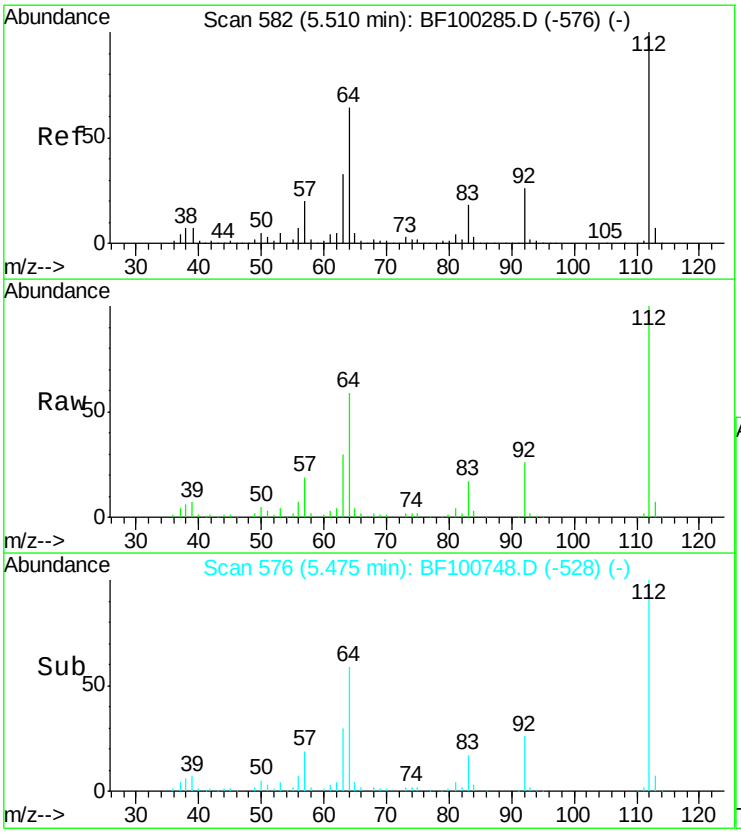
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:152 Resp: 86390

Ion	Ratio	Lower	Upper
152	100		
150	164.4	124.6	186.8
115	61.2	50.1	75.1

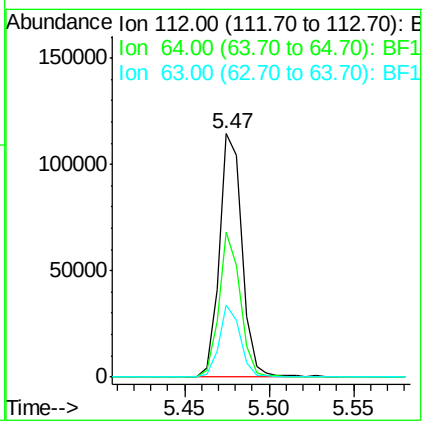


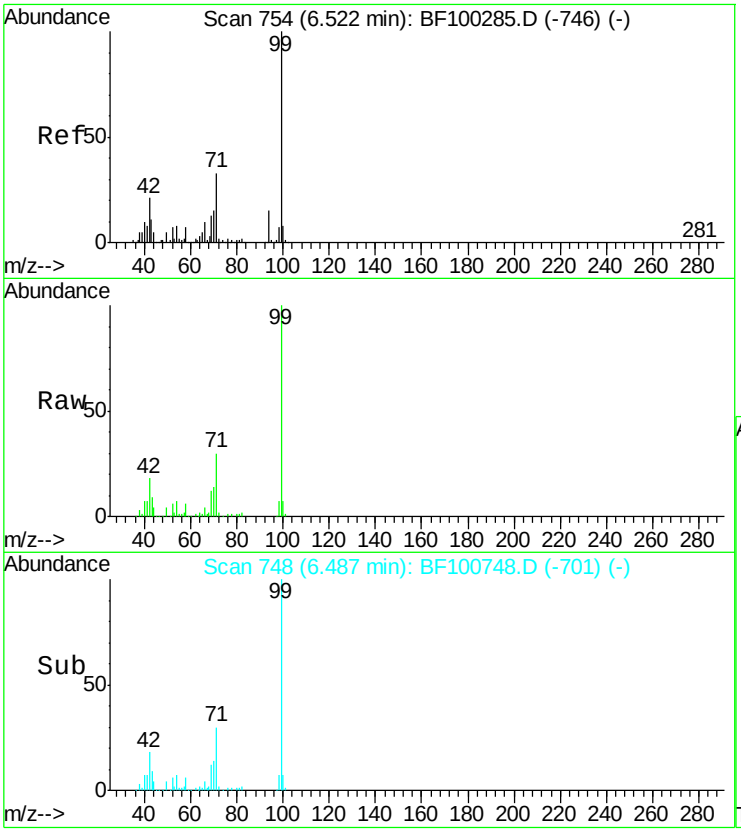


#5
2-Fluorophenol
Concen: 19.83 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:112 Resp: 106852

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.7	23.7	35.5



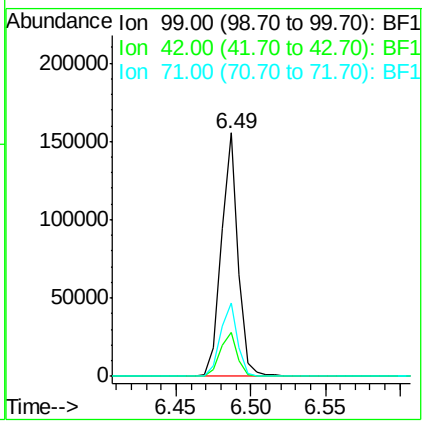


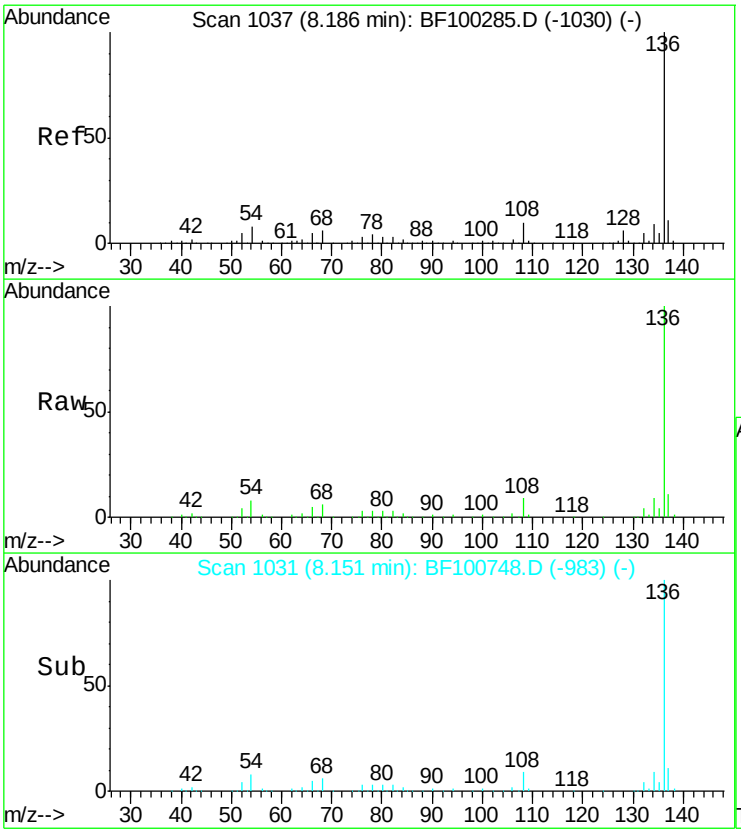
#7
Phenol-d6
Concen: 18.51 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion: 99 Resp: 123038

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	30.2	25.4	38.0

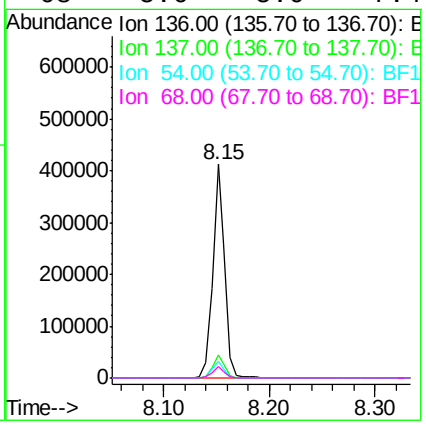


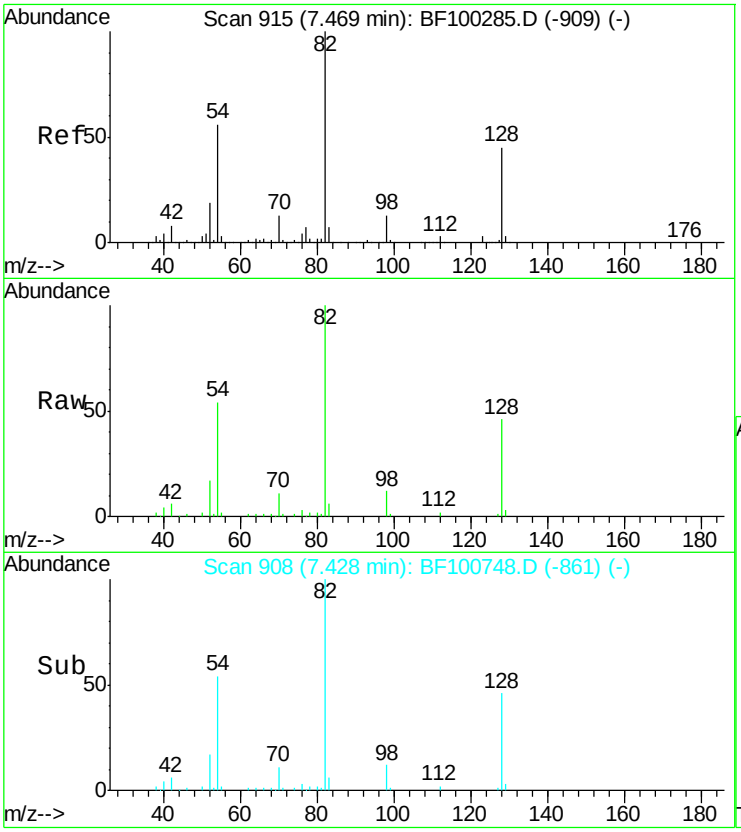


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:136 Resp: 328965

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	5.6	5.0	7.4



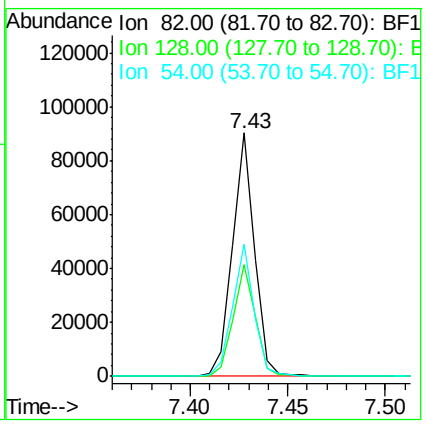


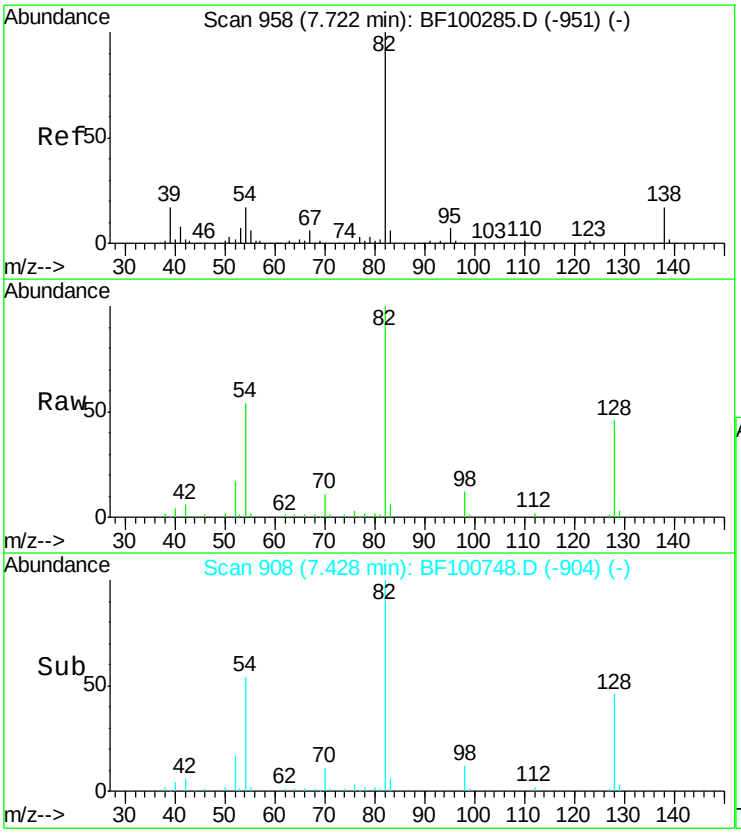
#23
Nitrobenzene-d5
Concen: 14.25 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion: 82 Resp: 70890

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.5	41.4	62.2

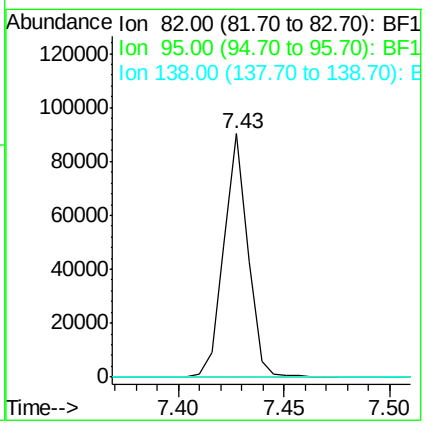


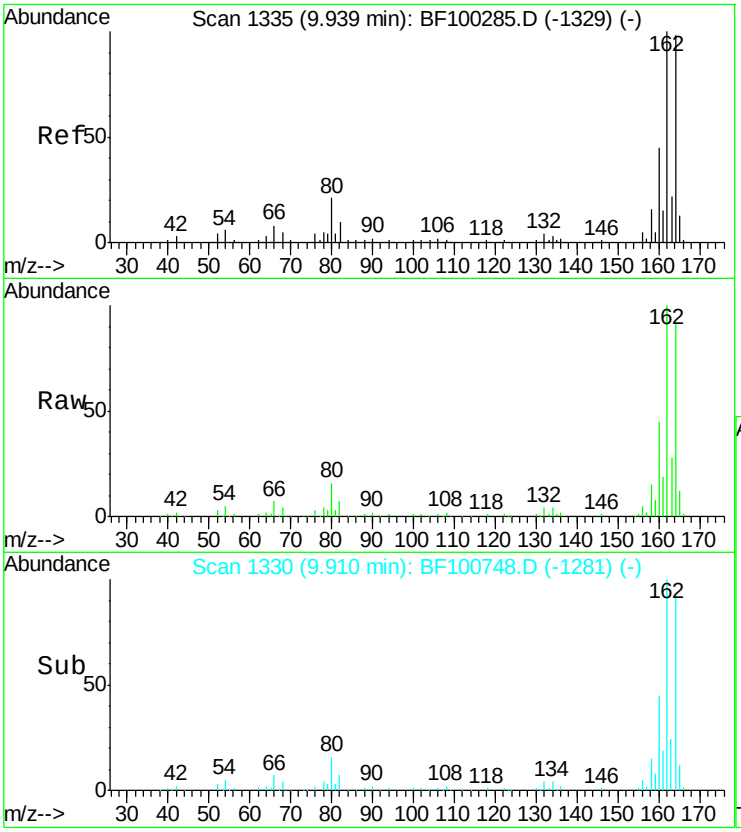


#25
Isophorone
Concen: 6.78 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.28 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion: 82 Resp: 70889

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



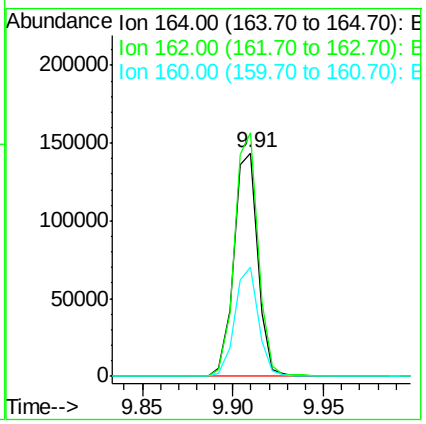


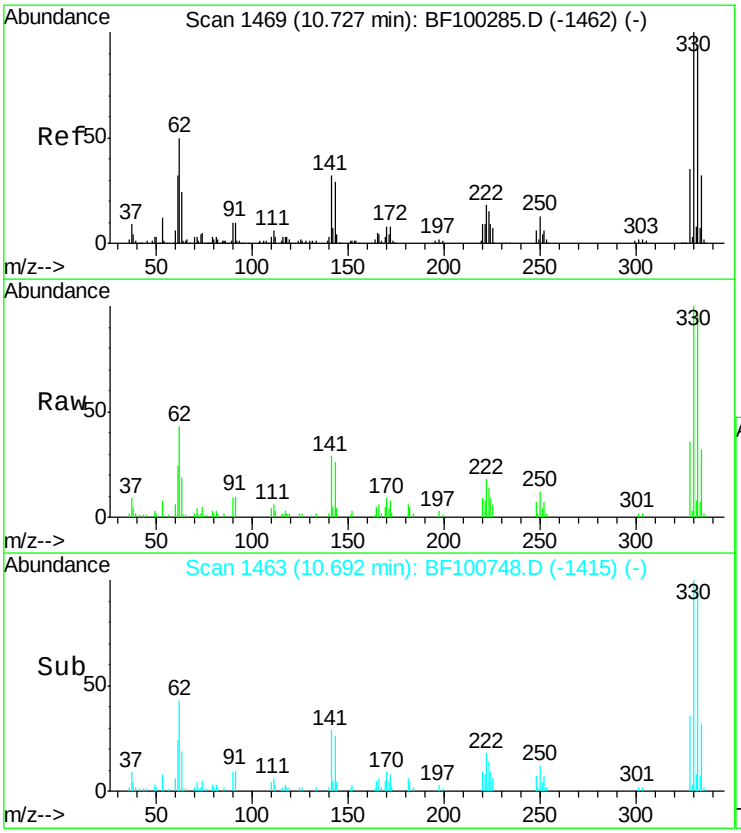
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:164 Resp: 132595

Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.1	129.1
160	48.8	38.3	57.5

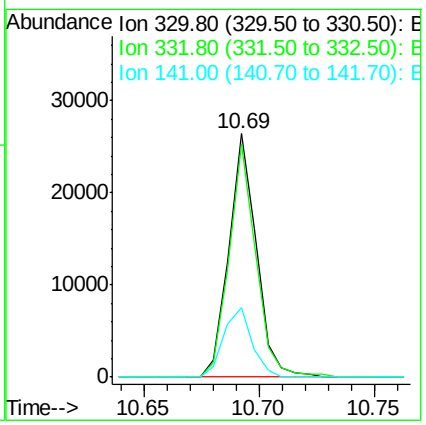


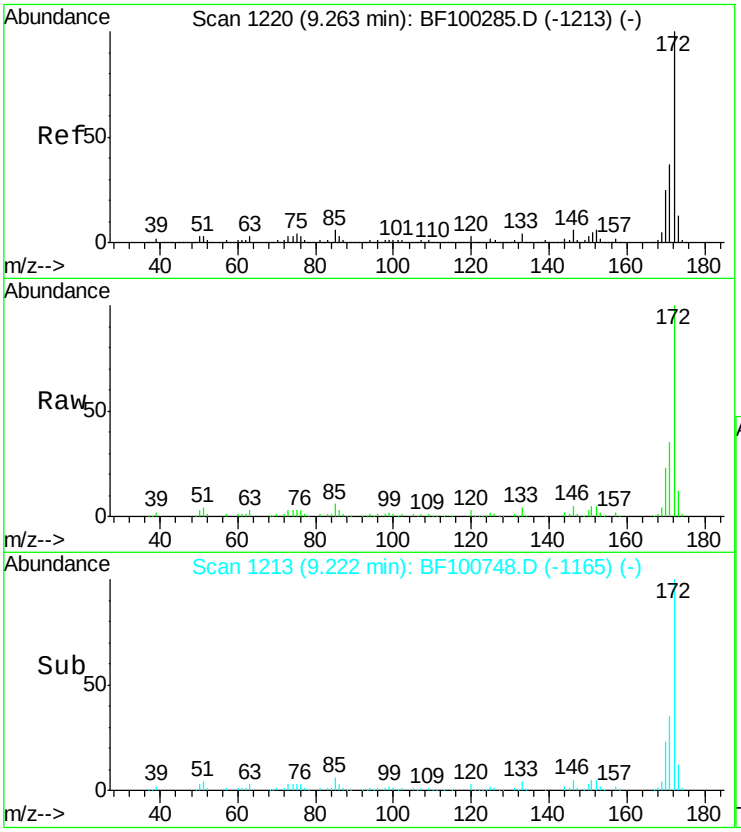


#41
2,4,6-Tribromophenol
Concen: 16.26 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:330 Resp: 21966

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	29.2	29.9	44.9#



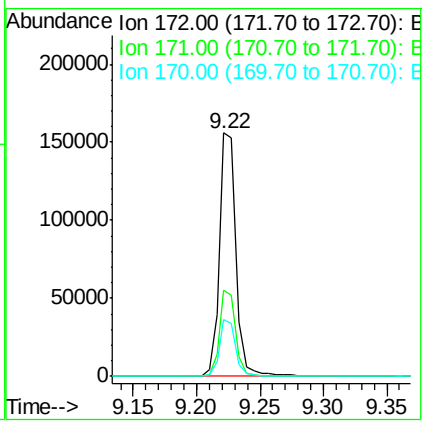


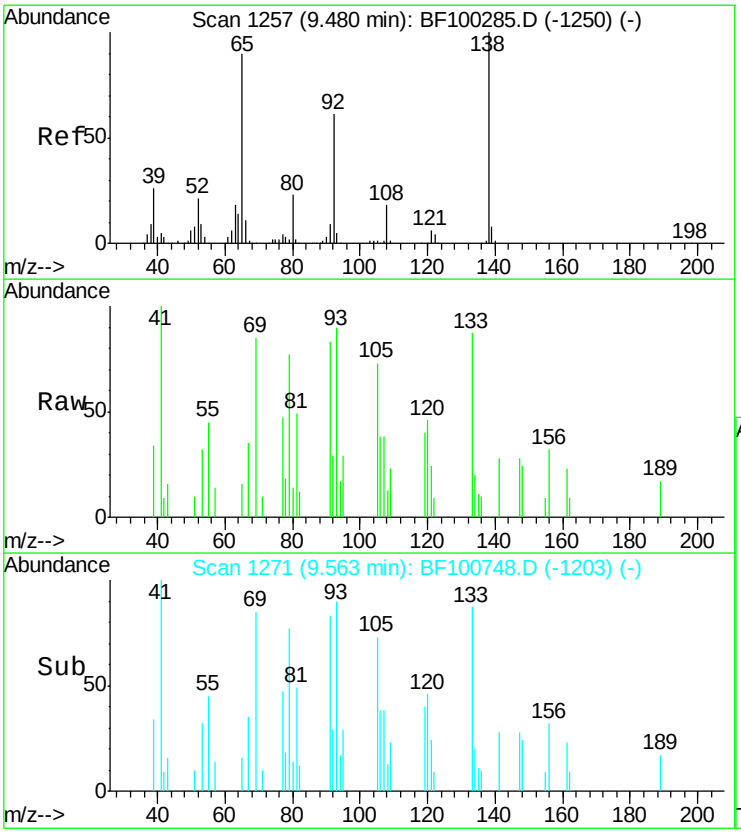
#44
2-Fluorobiphenyl
Concen: 16.41 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:172 Resp: 142924

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.2	19.6	29.4

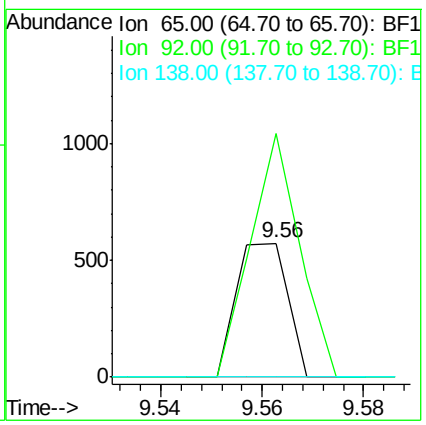


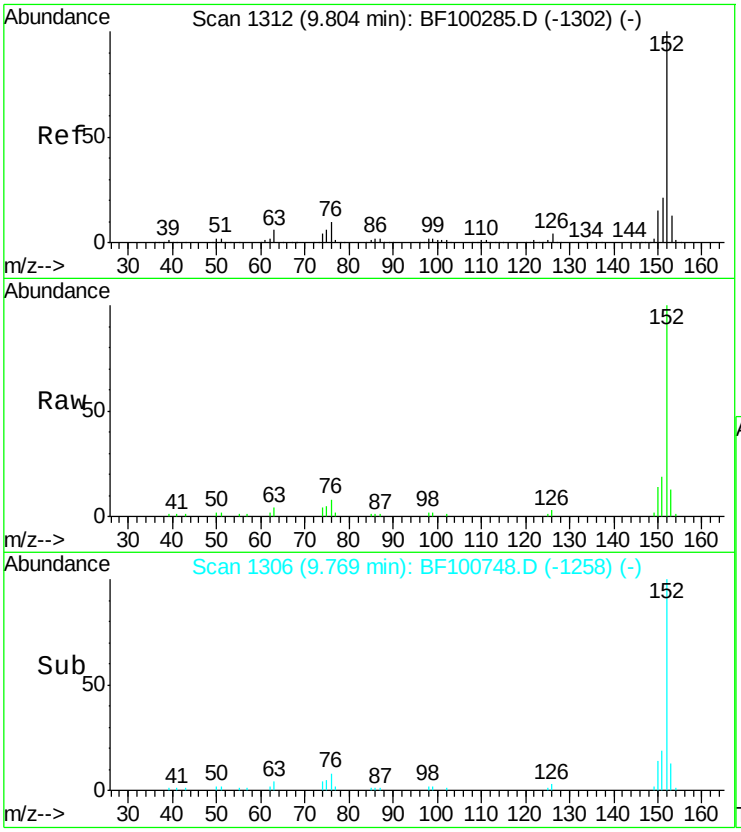


#47
2-Nitroaniline
Concen: 2.94 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.10 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion: 65 Resp: 402

Ion	Ratio	Lower	Upper
65	100		
92	182.2	55.8	83.6#
138	0.0	91.2	136.8#



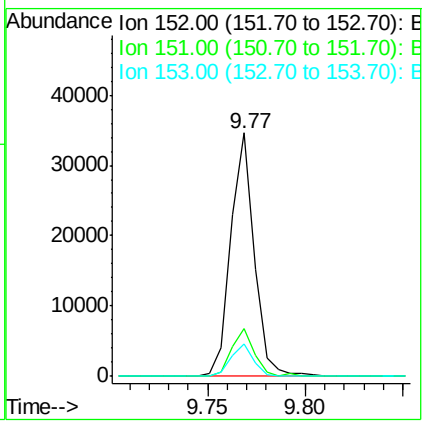


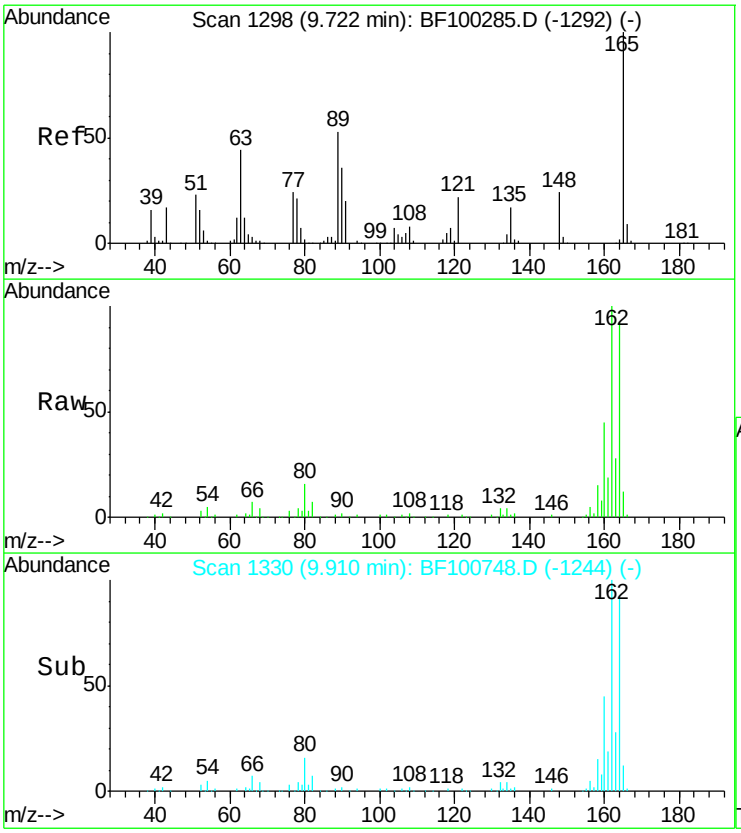
#48
Acenaphthylene
Concen: 2.10 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:152 Resp: 28959

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	13.2	10.7	16.1

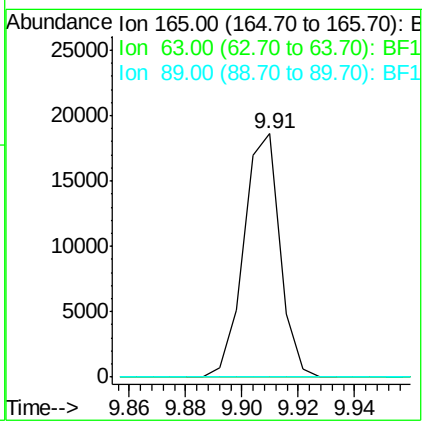


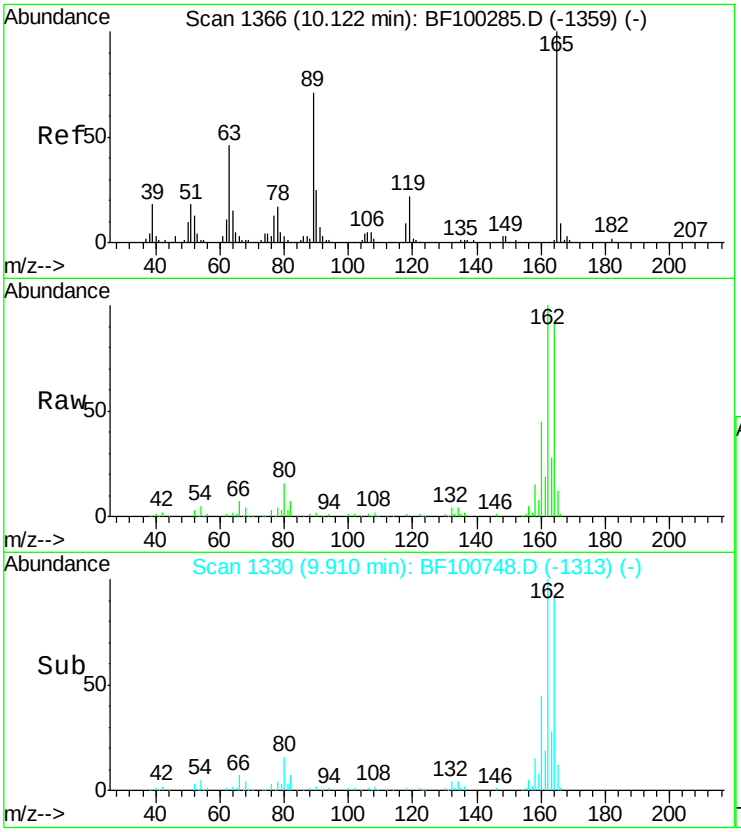


#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:165 Resp: 16526

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



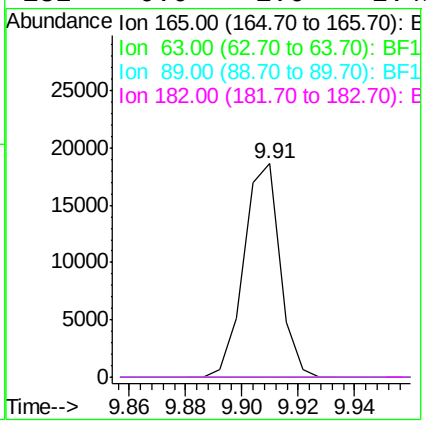


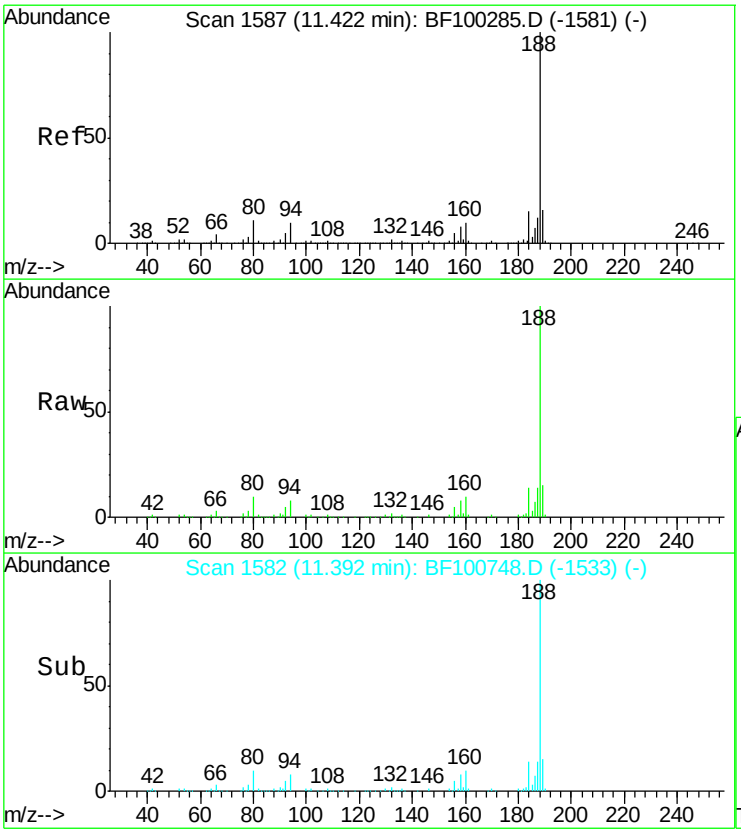
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:165 Resp: 16526

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

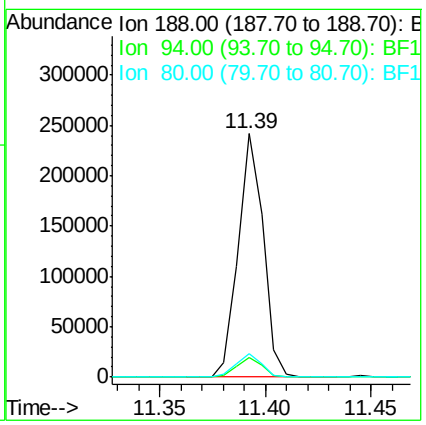


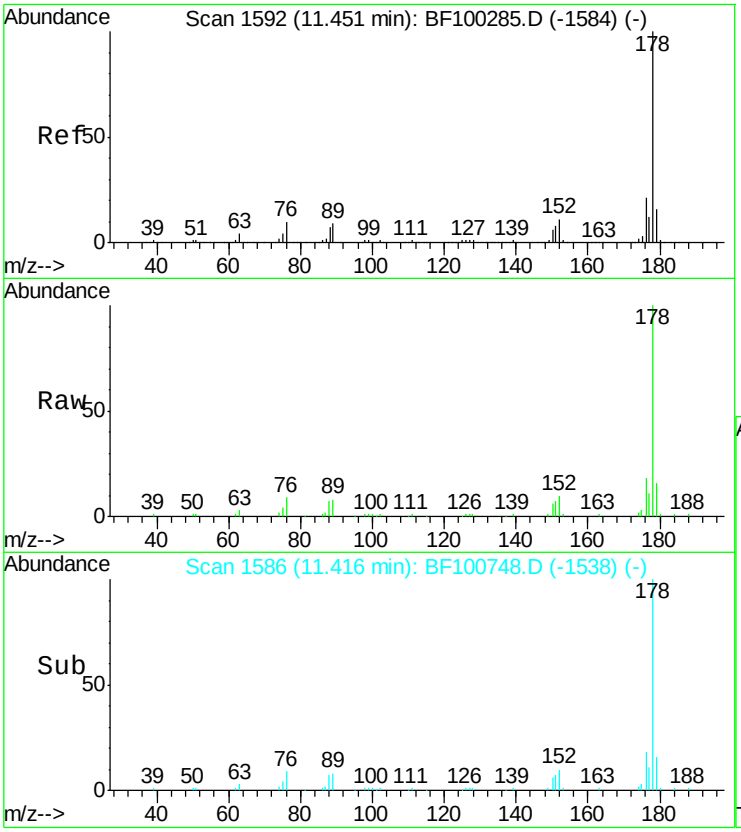


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:188 Resp: 198282

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.6	9.2	13.8



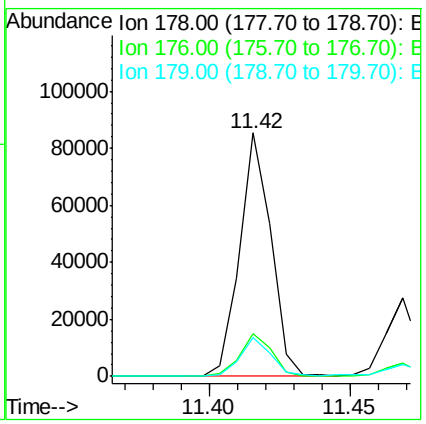


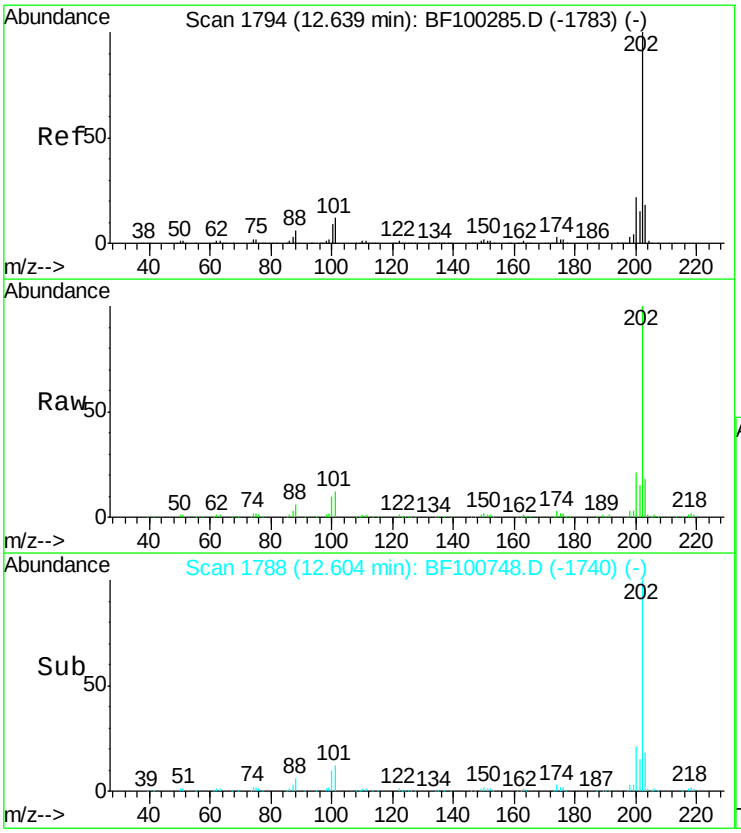
#70
Phenanthrene
Concen: 6.30 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:178 Resp: 65775

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	16.1	13.0	19.6

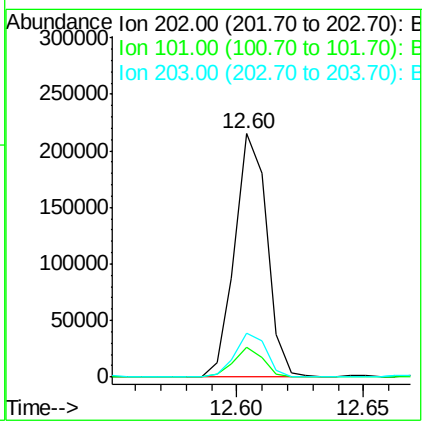


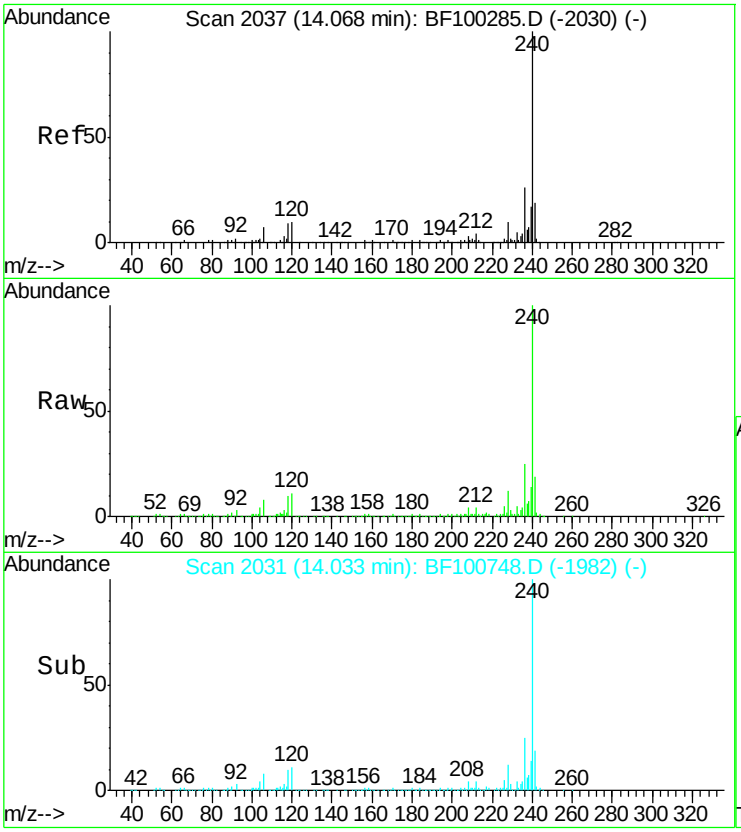


#74
Fluoranthene
Concen: 17.21 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:202 Resp: 190420

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.0	0.0	38.1



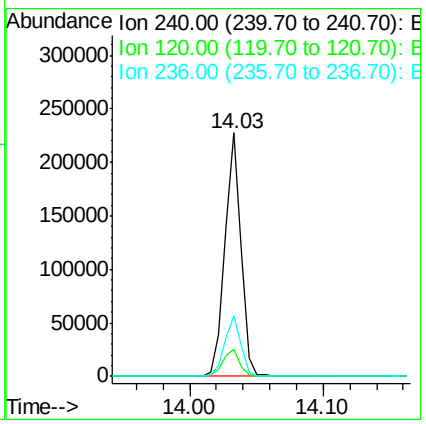


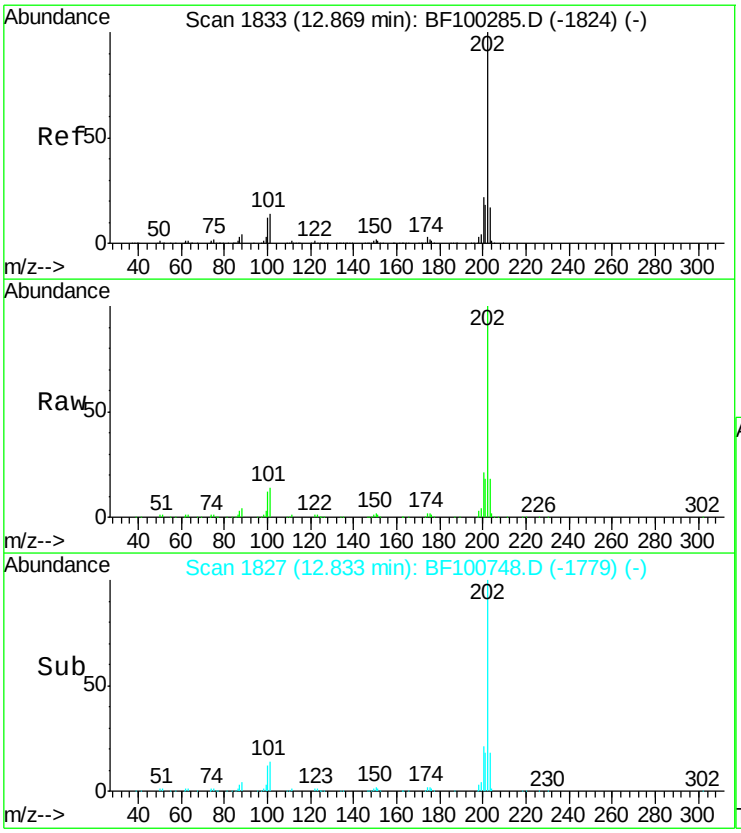
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:240 Resp: 194657

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.0	20.7	31.1

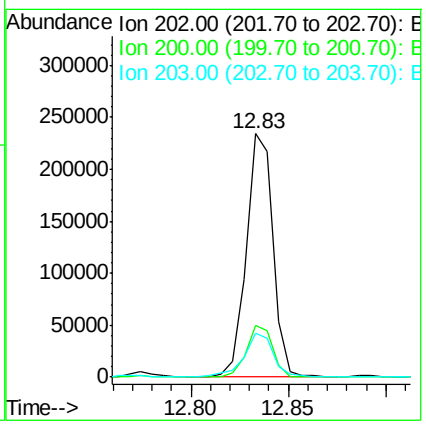


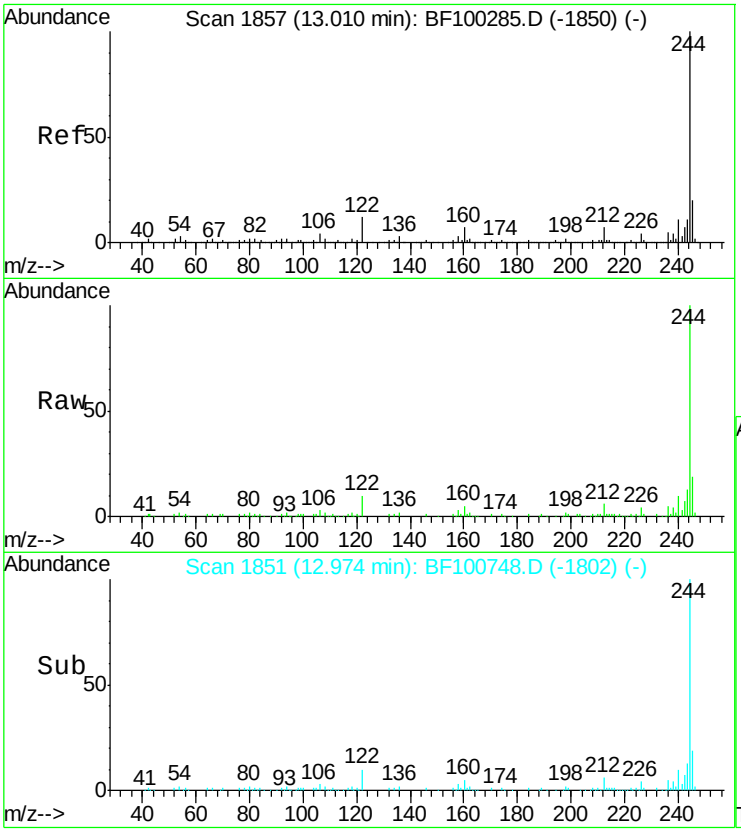


#77
Pyrene
Concen: 15.98 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:202 Resp: 221743

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.2	14.3	21.5



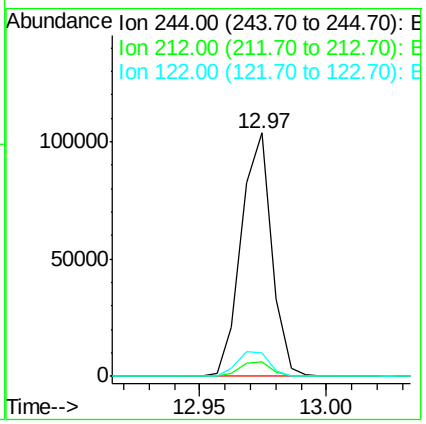


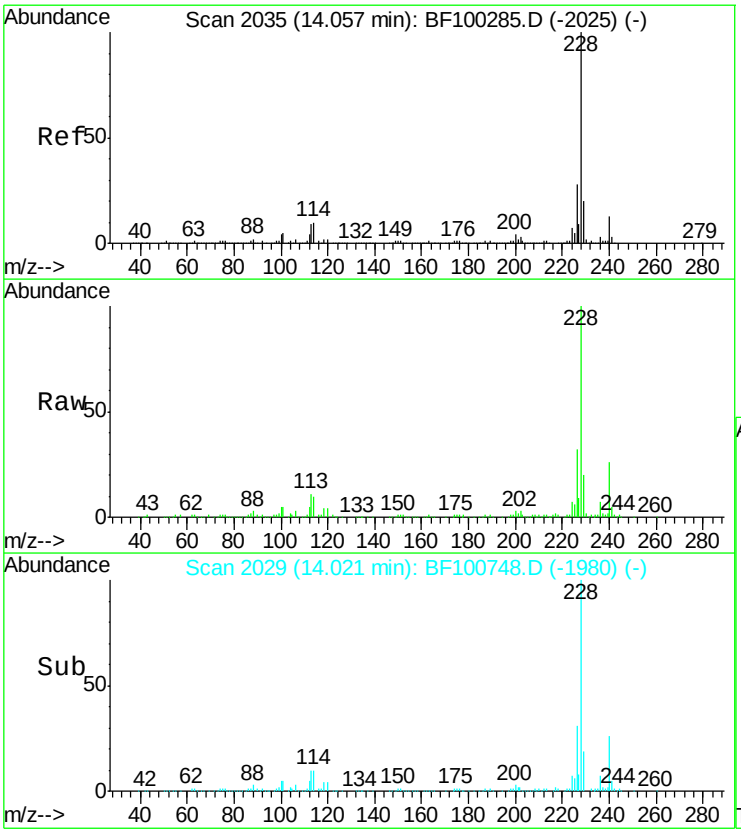
#78
Terphenyl-d14
Concen: 10.23 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:244 Resp: 86640

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.7	11.0	16.4#

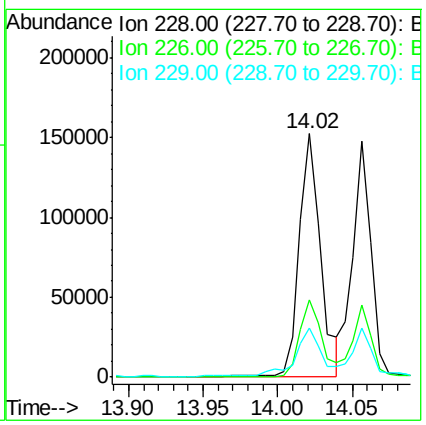


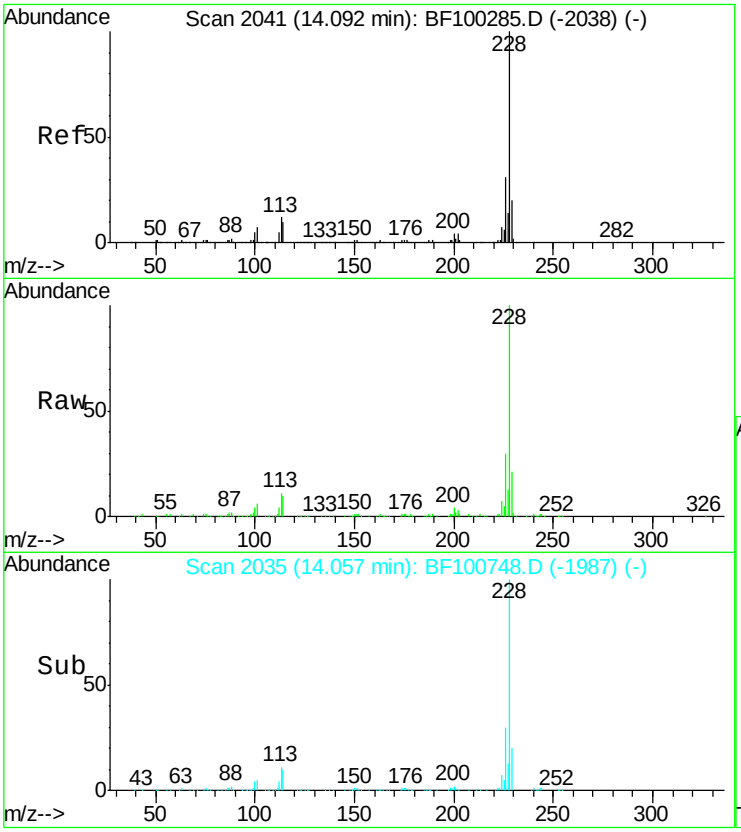


#80
Benzo(a)anthracene
Concen: 13.08 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:228 Resp: 153295

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	20.3	15.8	23.6



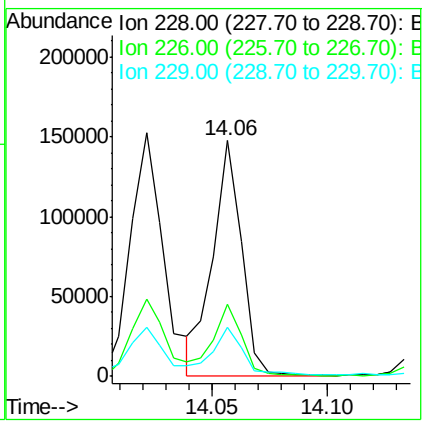


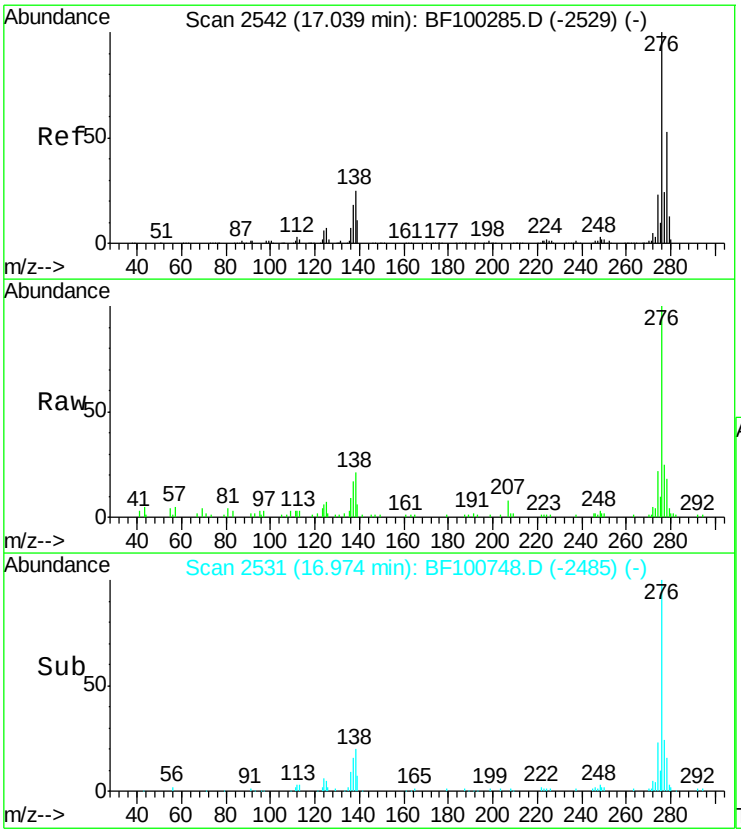
#82
Chrysene
Concen: 11.24 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:228 Resp: 127533

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.8	16.2	24.4

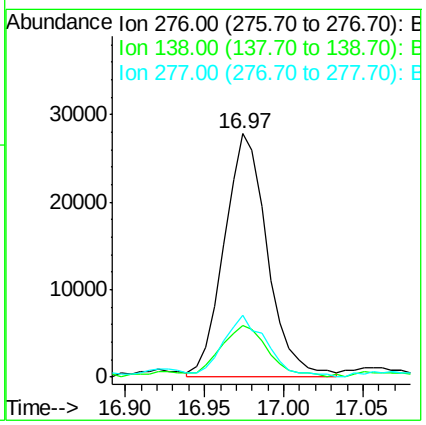


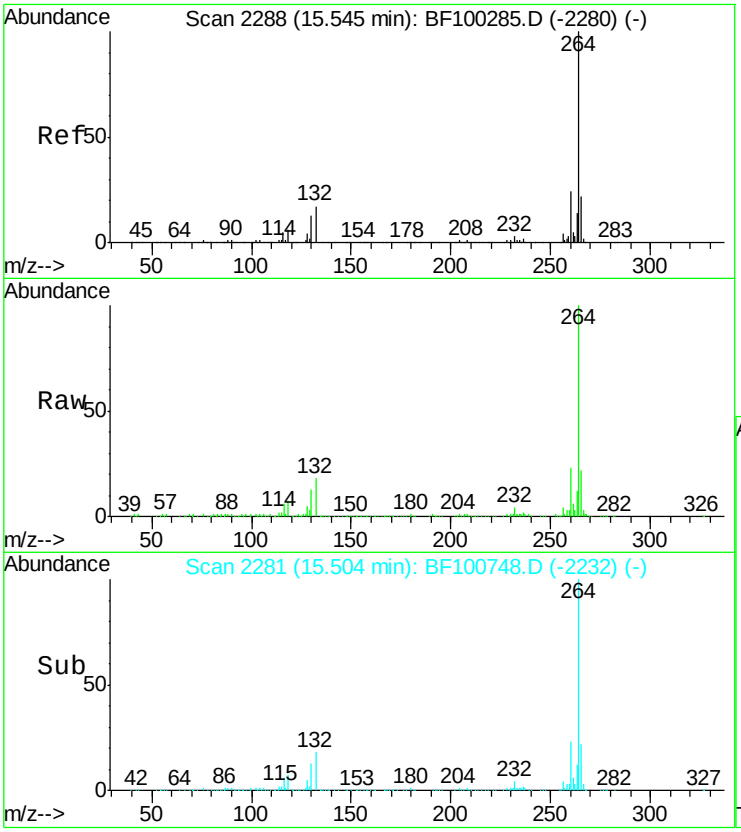


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.75 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:276 Resp: 52801

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.6	20.1	30.1



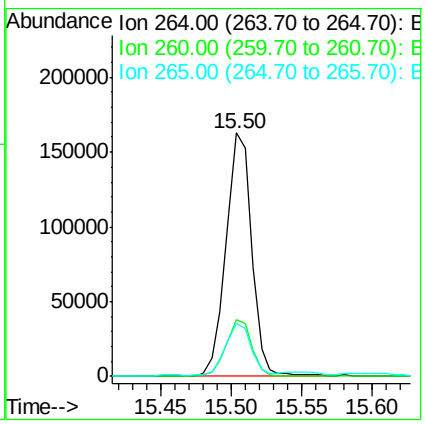


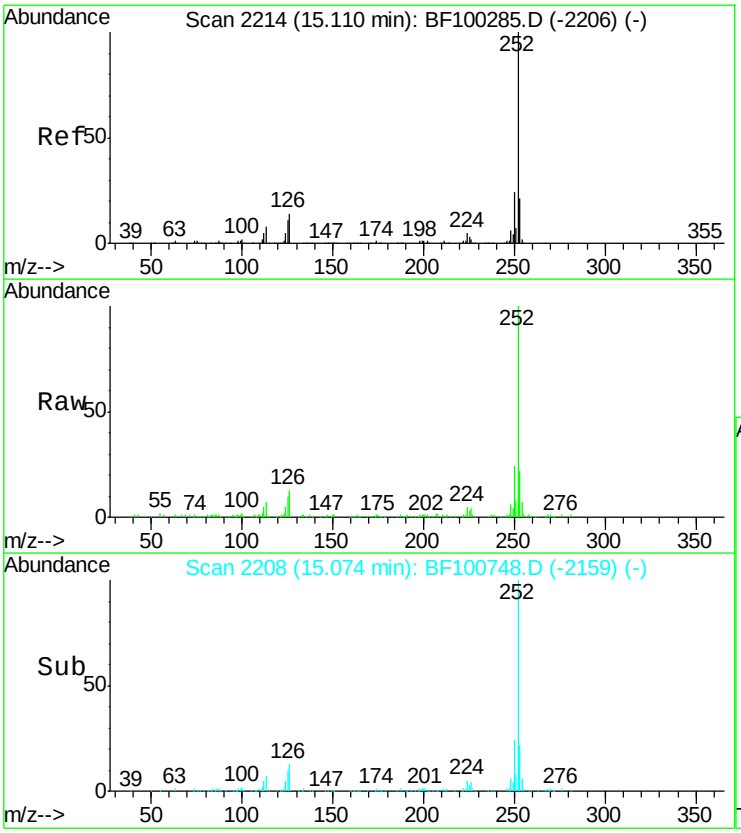
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:264 Resp: 207812

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3

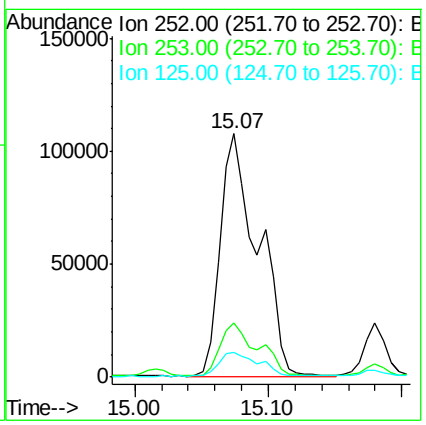


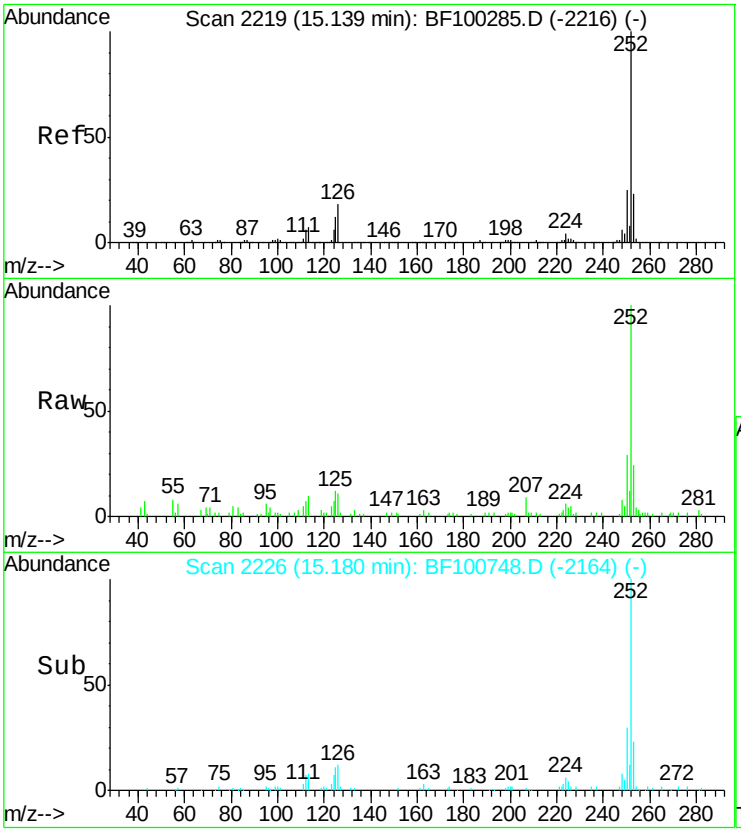


#87
Benzo(b)fluoranthene
Concen: 17.15 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:252 Resp: 211185

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.0	9.0	13.6



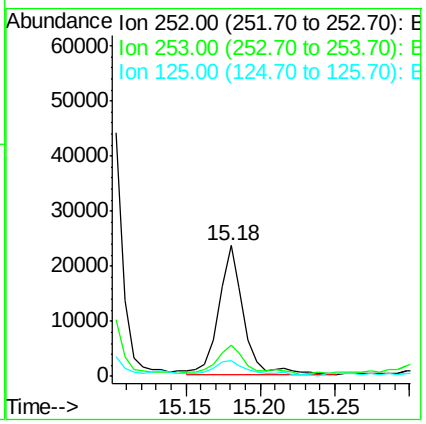


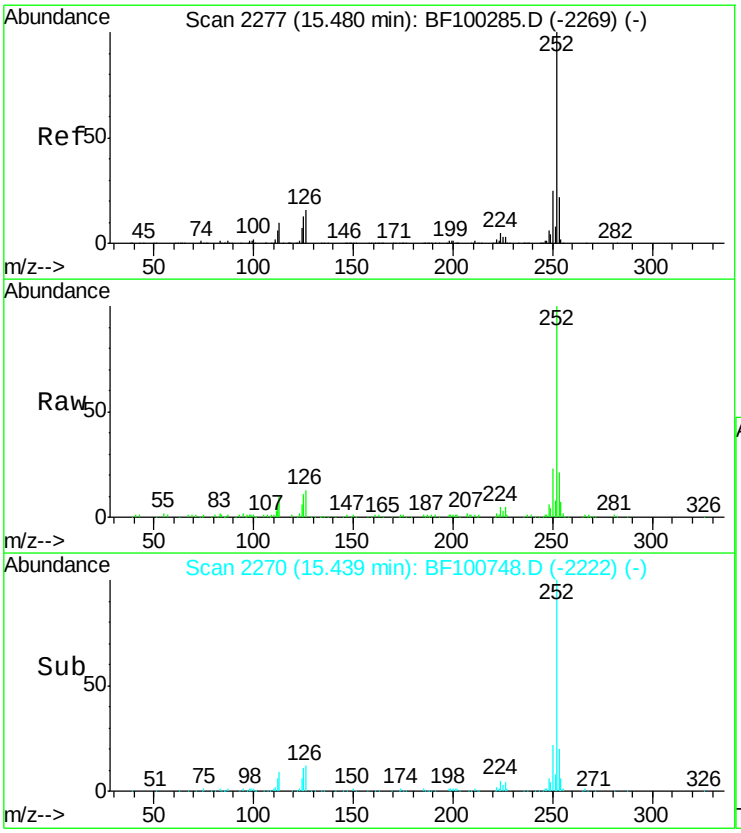
#88
Benzo(k)fluoranthene
Concen: 2.33 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.06 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:252 Resp: 27083

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	12.4	10.2	15.2

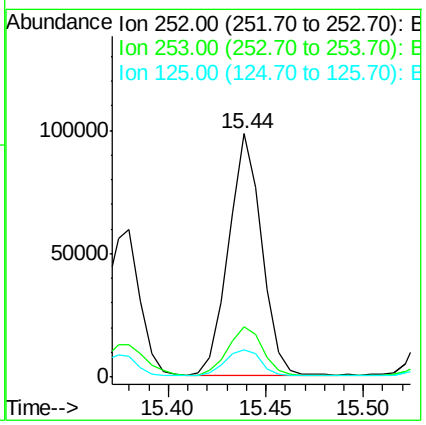


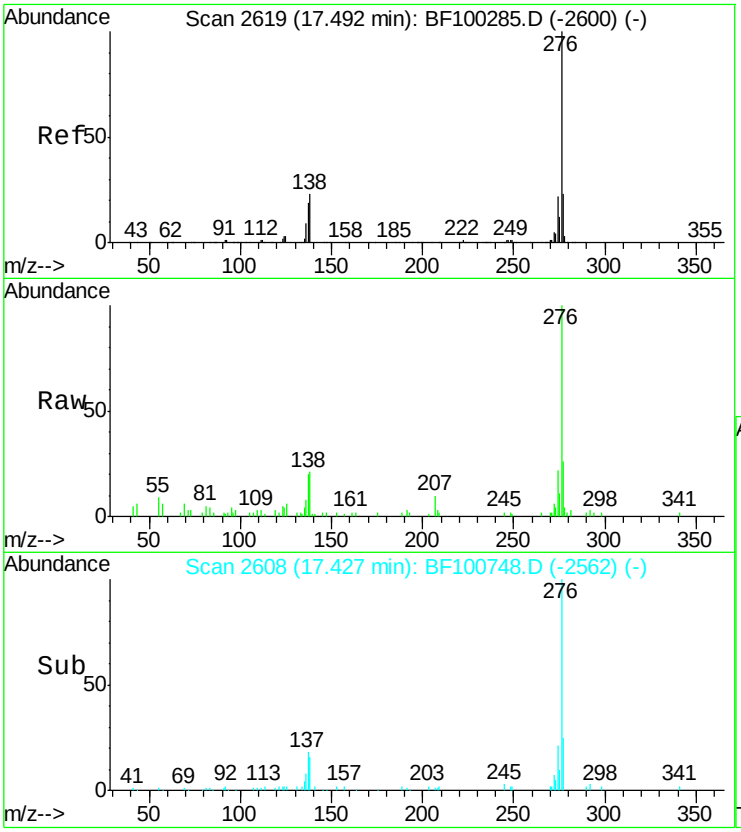


#89
Benzo(a)pyrene
Concen: 10.58 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Tgt Ion:252 Resp: 115501

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	11.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.03 min
Lab File: BF100748.D
Acq: 20 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:276 Resp: 44591

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	21.1	21.8	32.8#