Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101656.D
Acq On : 22 Dec 2017 16:32
Operator : SJ/JU
Sample : I6890-01RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-10-OW(2-2.5)

Quant Time: Dec 22 22:32:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148796	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	588986	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	252384	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	456426	20.00	ng		0.00
75) Chrysene-d12	13.96	240	323786	20.00	ng		0.00
86) Perylene-d12	15.43	264	313448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	243787	24.41	ng		0.00
7) Phenol-d6	6.43	99	308928	24.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	178762	16.90	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	55561	22.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	270637	16.63	ng		0.00
78) Terphenyl-d14	12.89	244	198725	14.80	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	23395	2.866	ng	#	86
25) Isophorone	7.36	82	178762	8.422	ng	#	64
50) 2,6-Dinitrotoluene	9.82	165	32490	7.874	ng	#	25
56) 2,4-Dinitrotoluene	9.82	165	32490	6.989	ng	#	23
70) Phenanthrene	11.34	178	78407	3.089	ng		97
74) Fluoranthene	12.53	202	216785	8.137	ng		96
77) Pyrene	12.76	202	184339	7.586	ng		97
80) Benzo(a)anthracene	13.95	228	80025	3.743	ng		97
82) Chrysene	13.99	228	74460	3.689	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	36260	2.017	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	122447	6.409	ng	#	95
88) Benzo(k)fluoranthene	15.00	252	122447	6.592	ng		98
89) Benzo(a)pyrene	15.37	252	61301	3.481	ng		97
91) Benzo(g,h,i)perylene	17.35	276	36429	2.433	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
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Acq On : 22 Dec 2017 16:32
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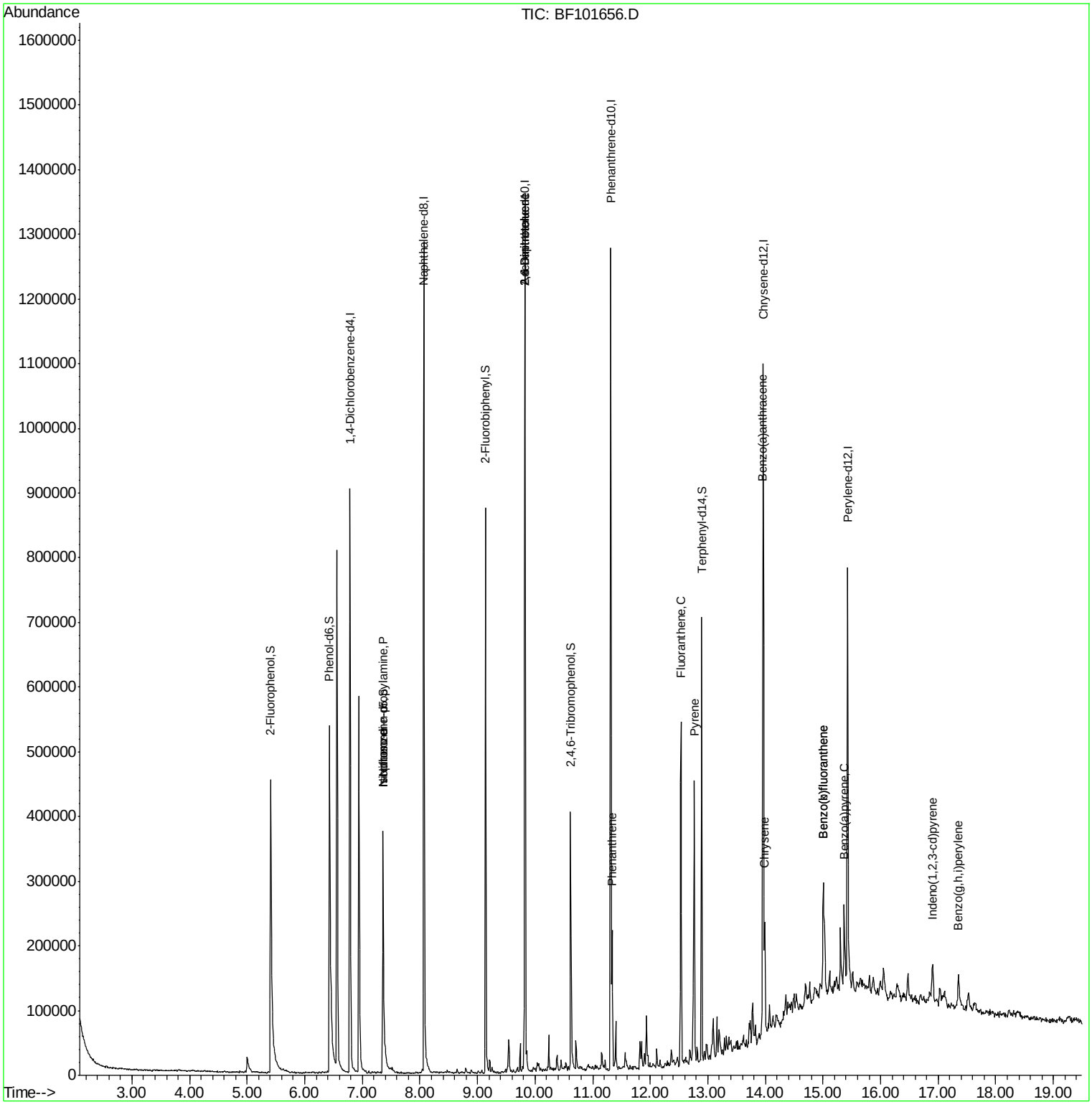
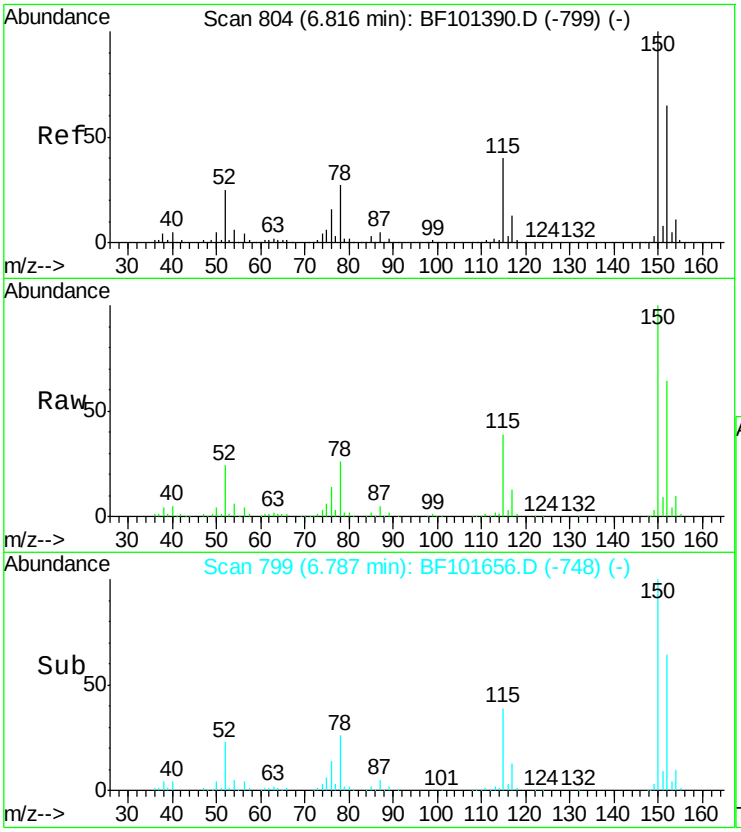
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Quant Time: Dec 22 22:32:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



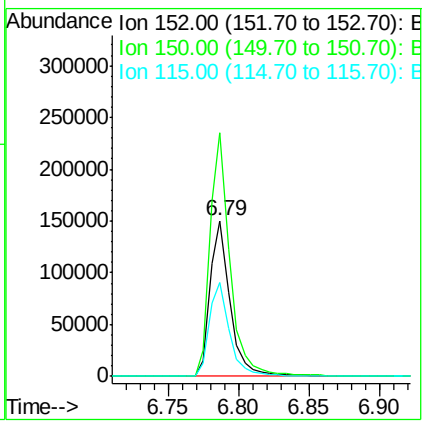


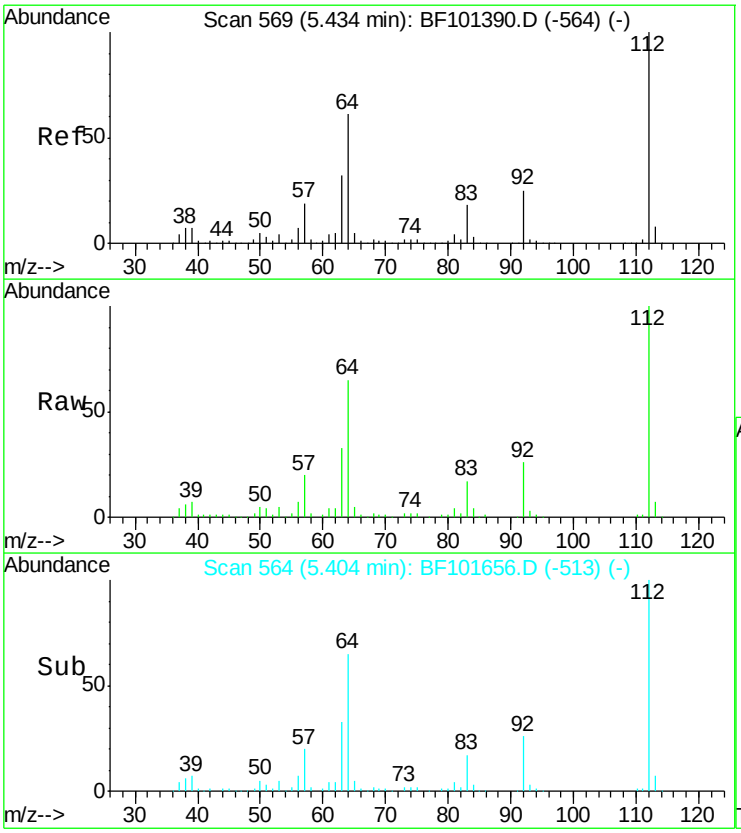
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:152 Resp: 148796

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	60.3	50.1	75.1

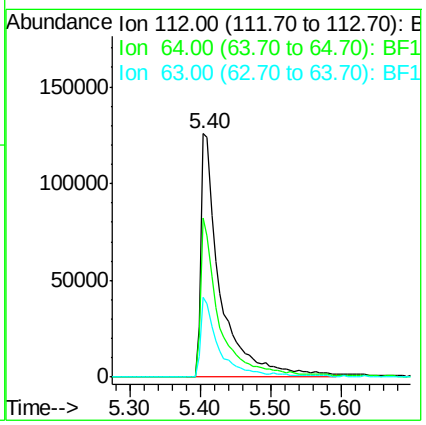


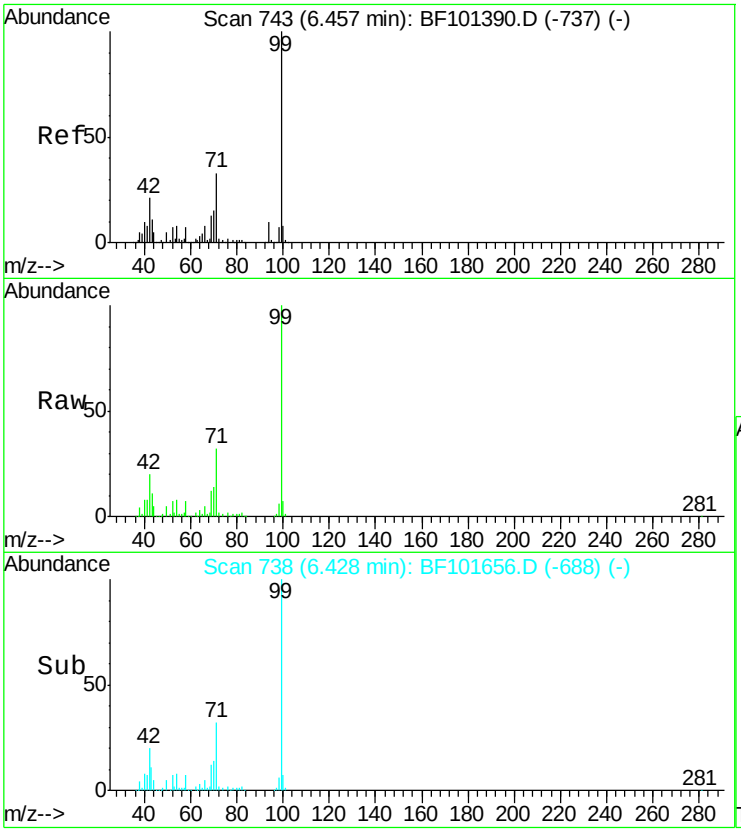


#5
2-Fluorophenol
Concen: 24.405 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:112 Resp: 243787

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	32.7	23.7	35.5



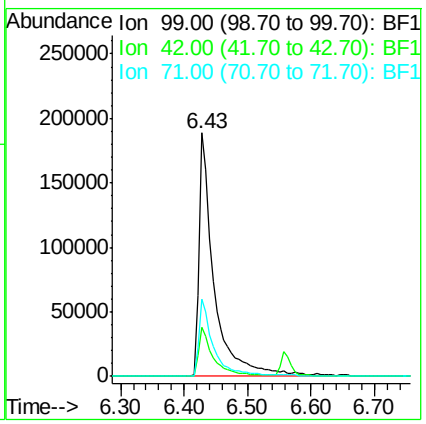


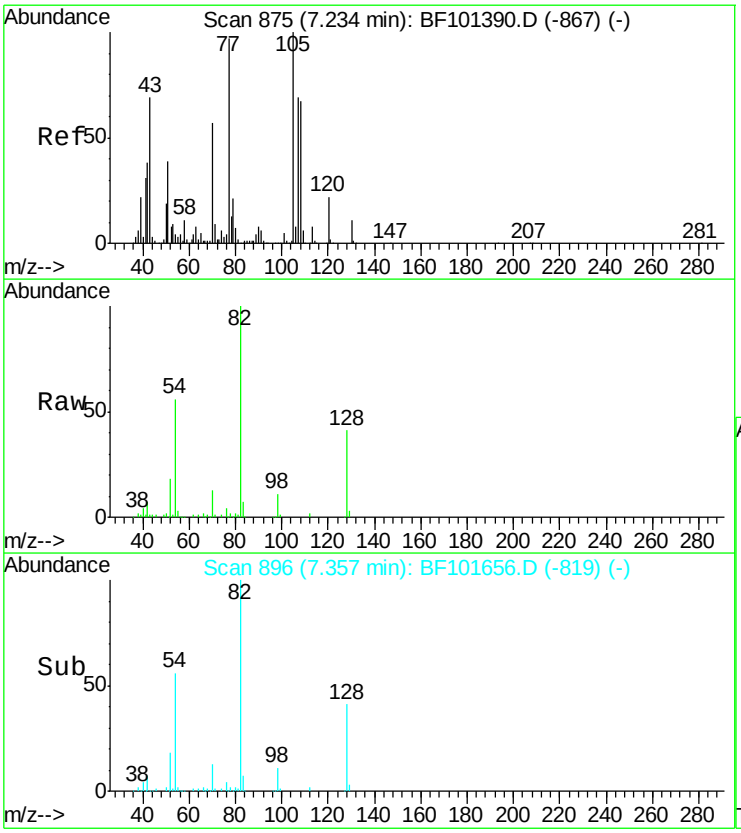
#7
Phenol-d6
Concen: 24.850 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion: 99 Resp: 308928

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	31.7	25.4	38.0

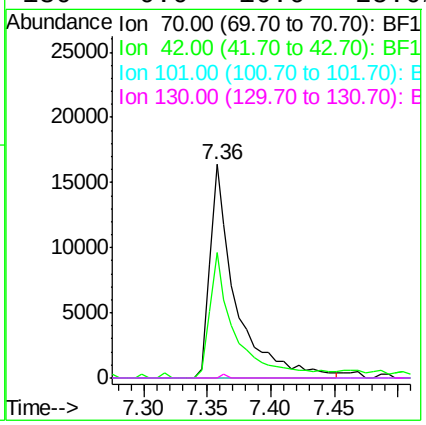


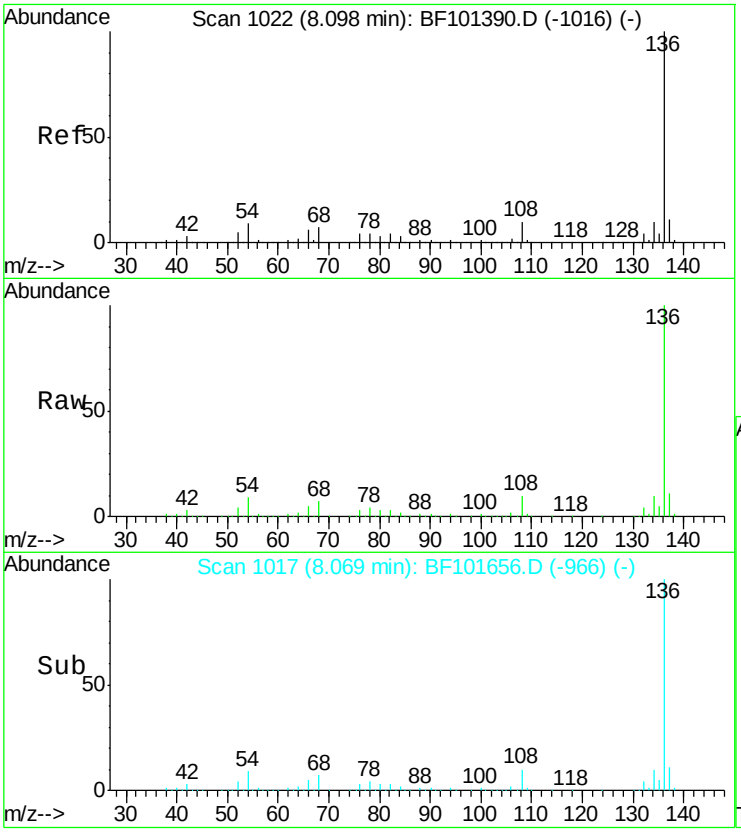


#19
n-Nitroso-di-n-propylamine
Concen: 2.866 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion: 70 Resp: 23395

Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



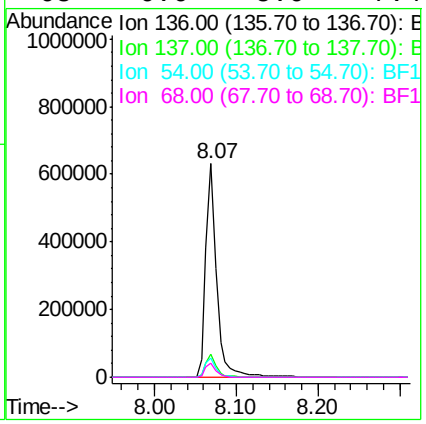


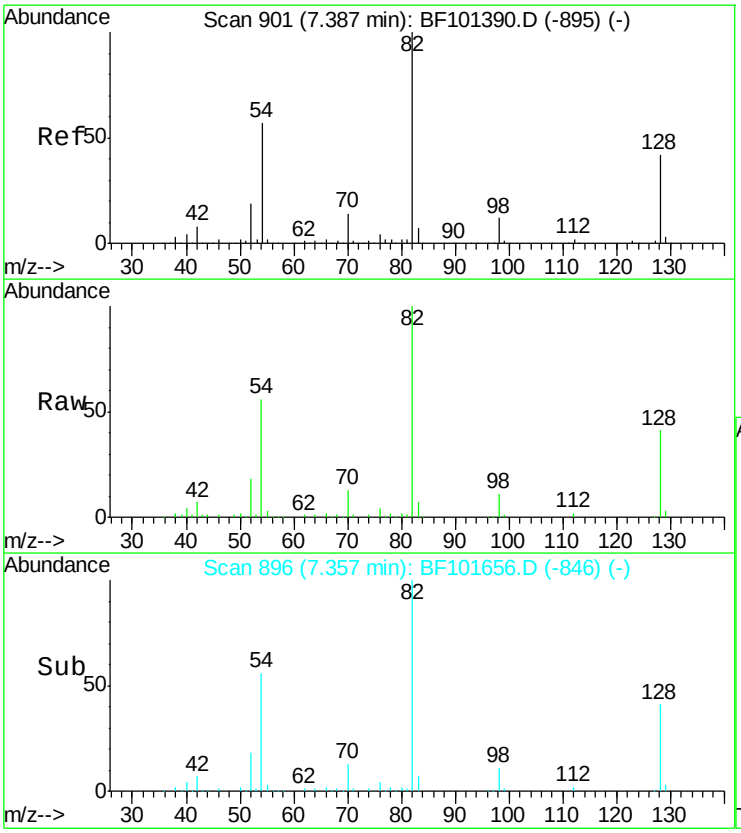
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:136 Resp: 588986

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

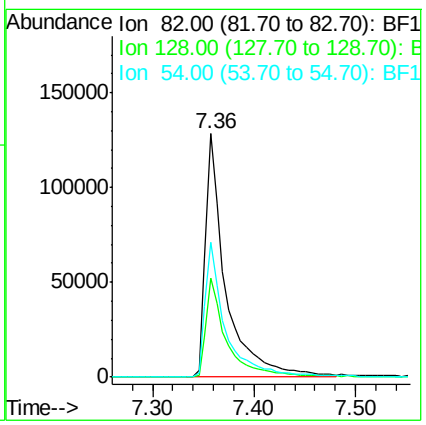


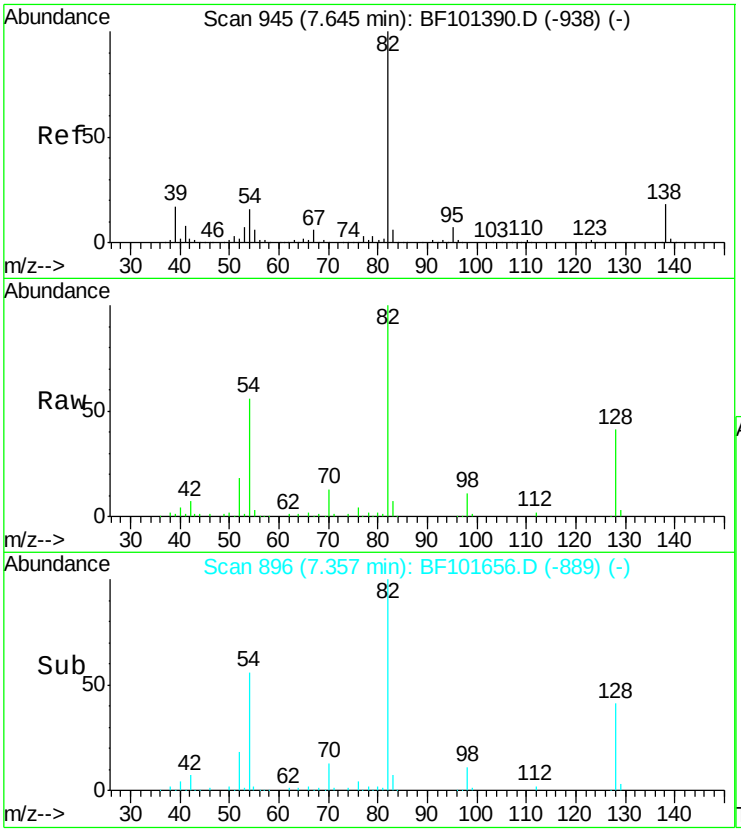


#23
Nitrobenzene-d5
Concen: 16.895 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion: 82 Resp: 178762

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	55.6	41.4	62.2



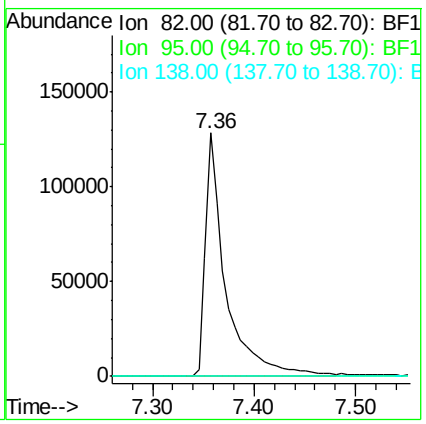


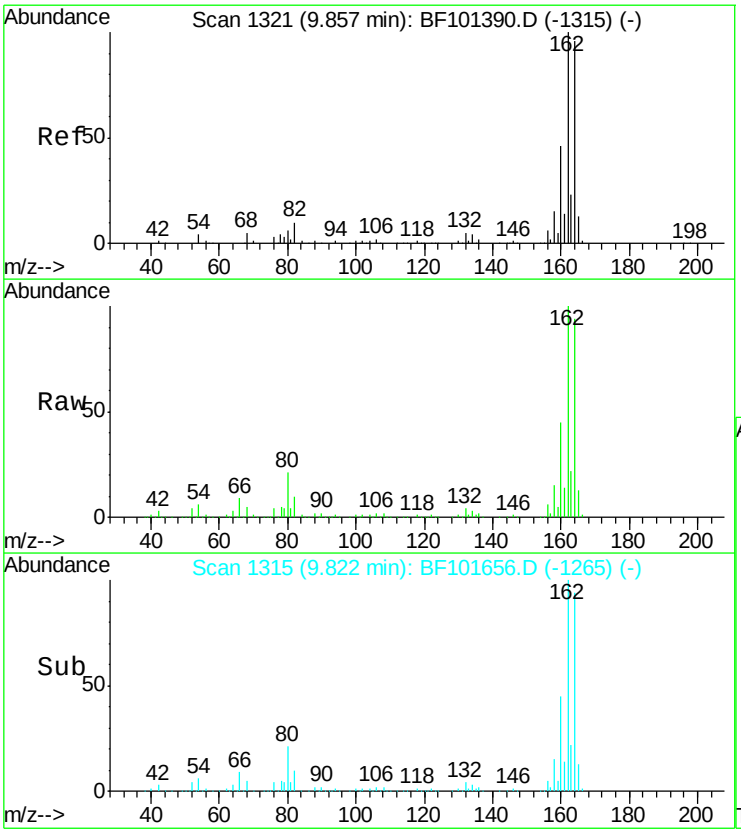
#25
Isophorone
Concen: 8.422 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion: 82 Resp: 178762

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

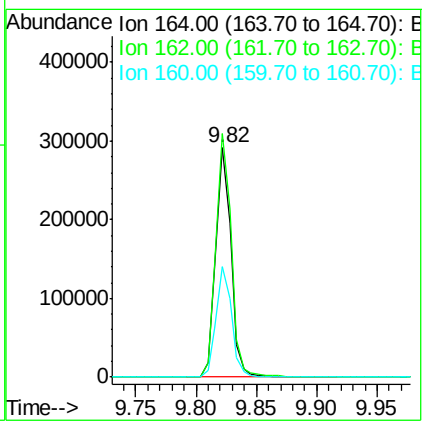


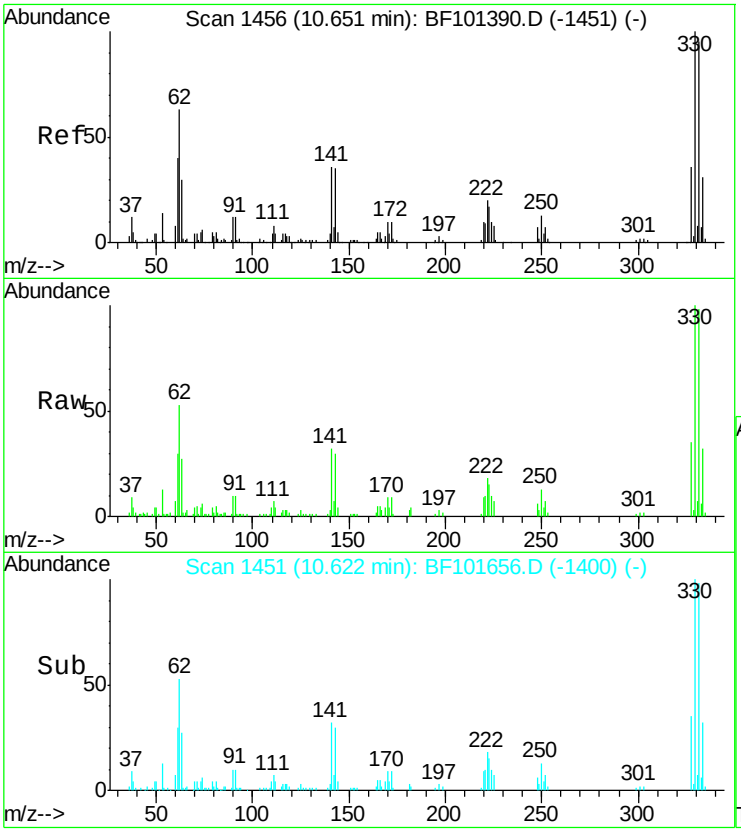


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:164 Resp: 252384

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.0	38.3	57.5



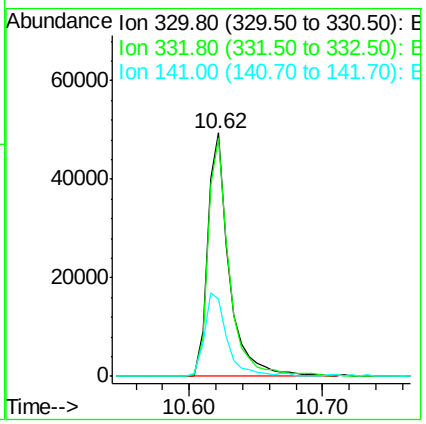


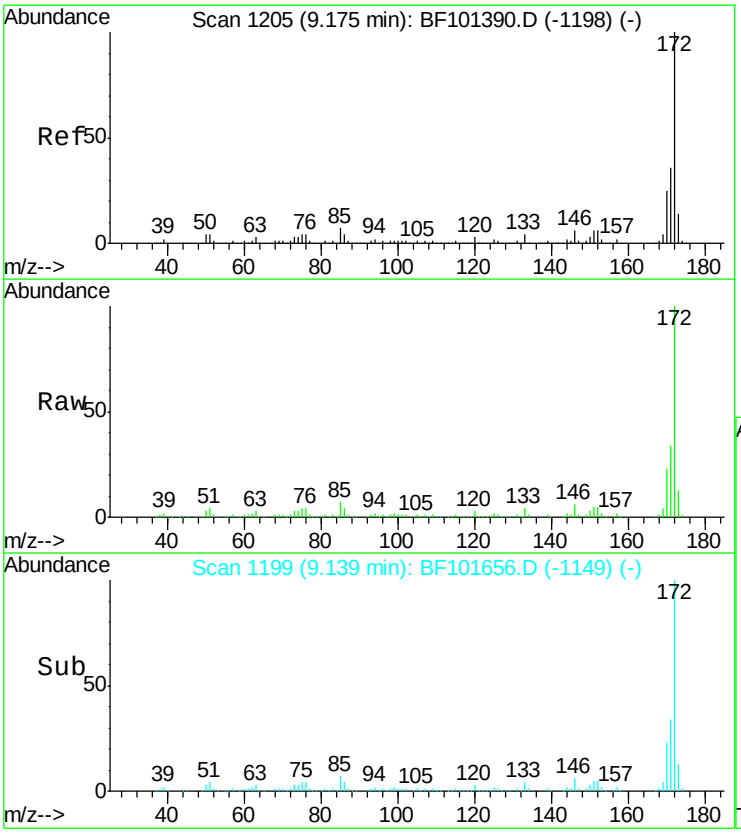
#41
2,4,6-Tribromophenol
Concen: 22.847 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:330 Resp: 55561

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.8	29.9	44.9

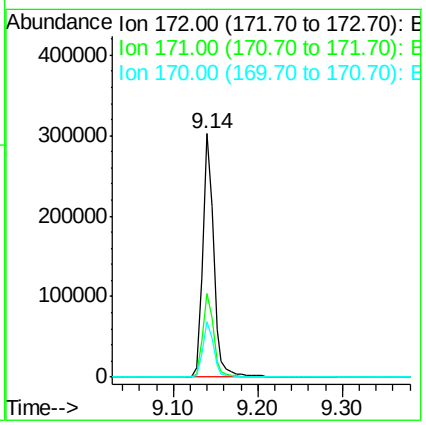


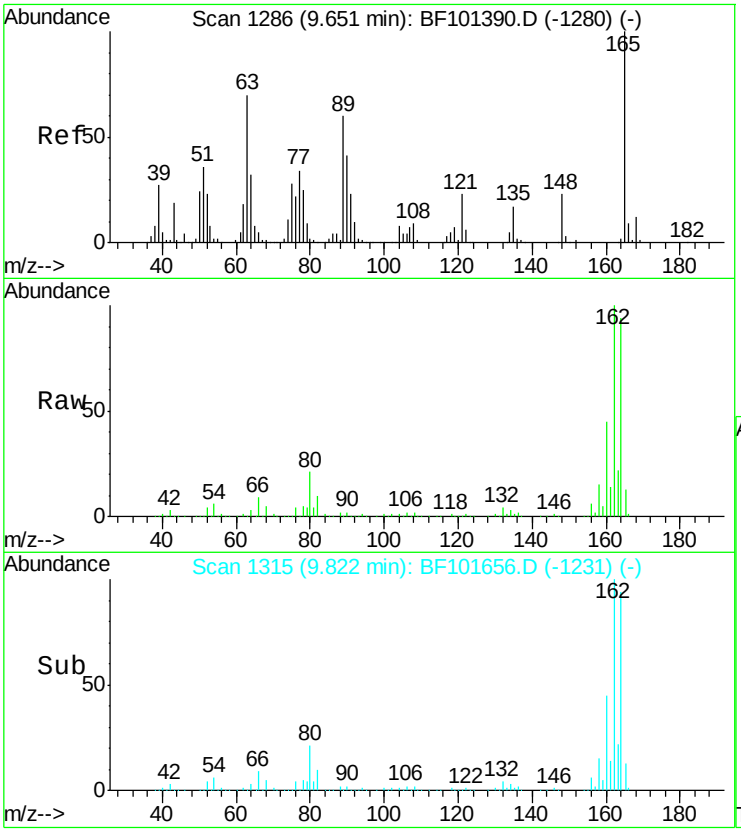


#44
2-Fluorobiphenyl
Concen: 16.634 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:172 Resp: 270637

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.9	19.6	29.4



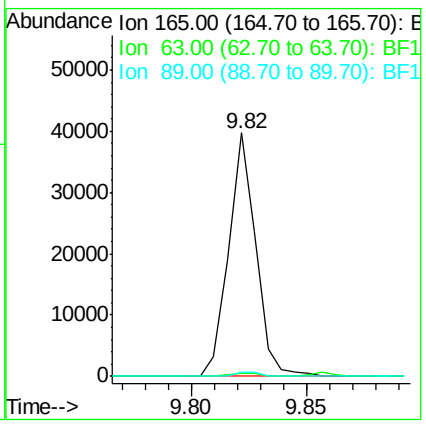


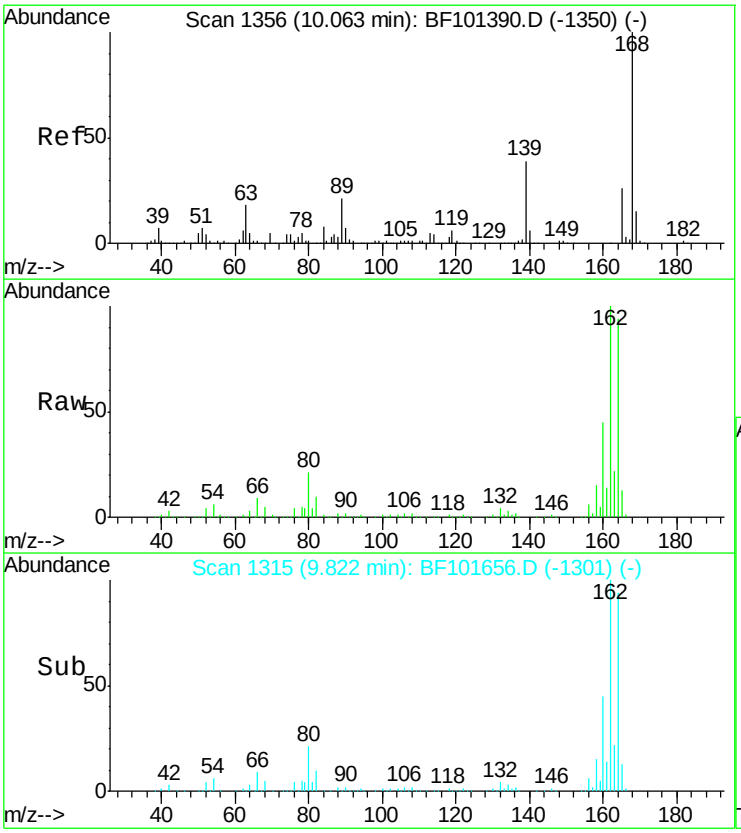
#50
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:165 Resp: 32490

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

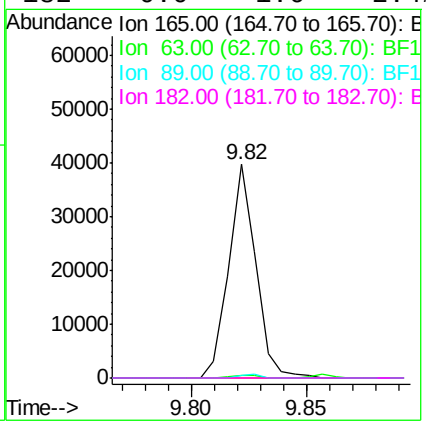


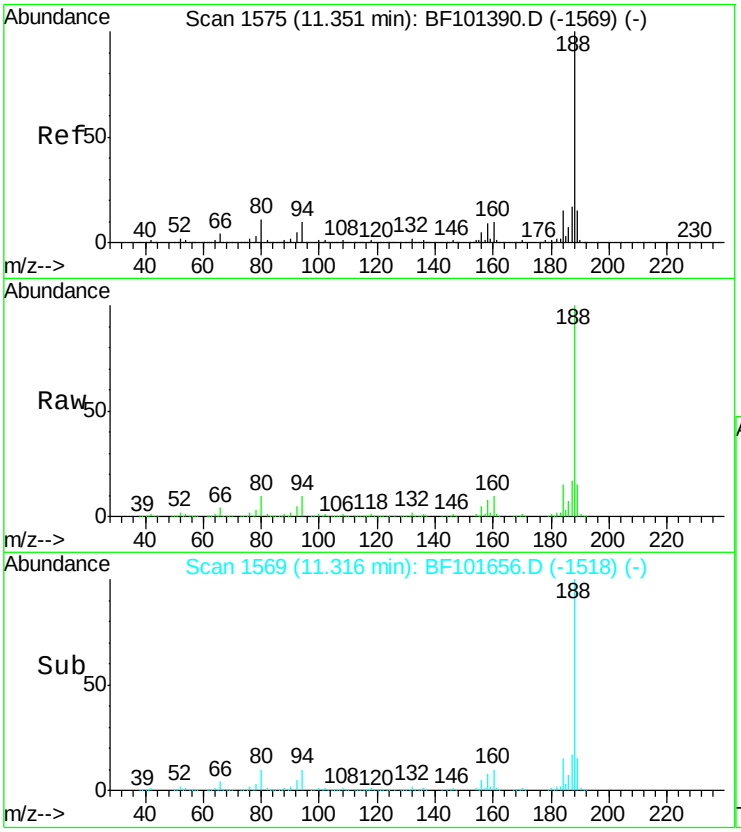


#56
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:165 Resp: 32490

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#



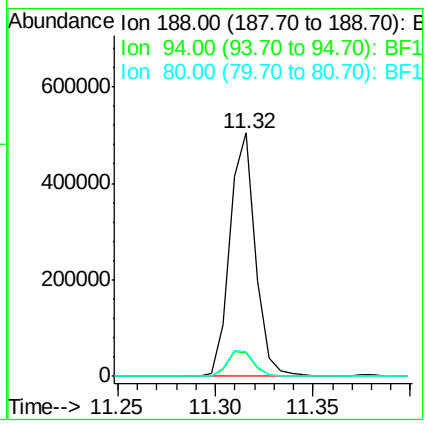


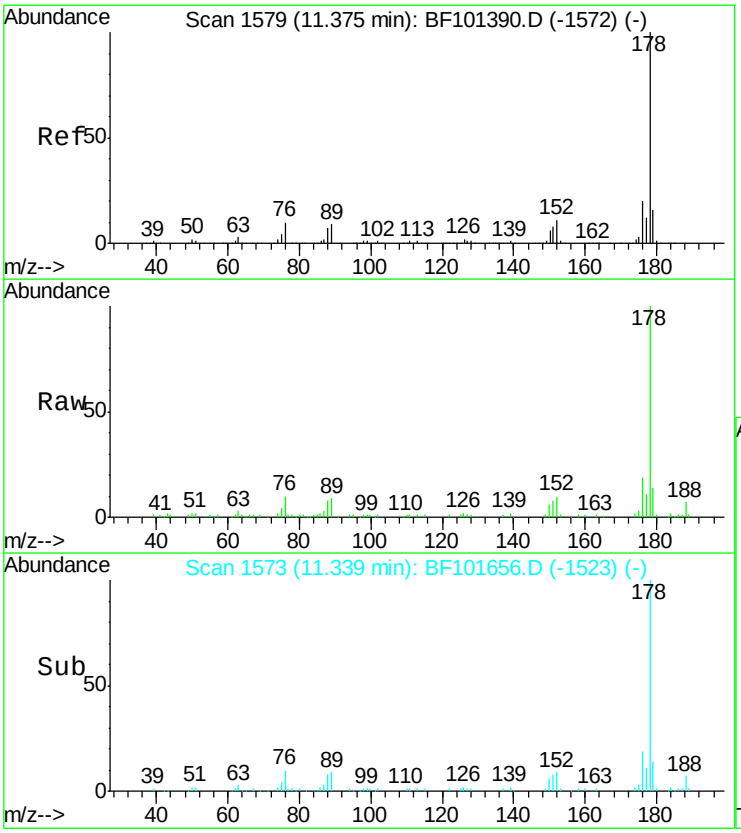
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:188 Resp: 456426

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

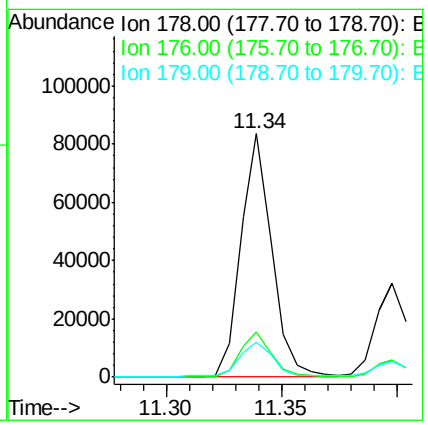


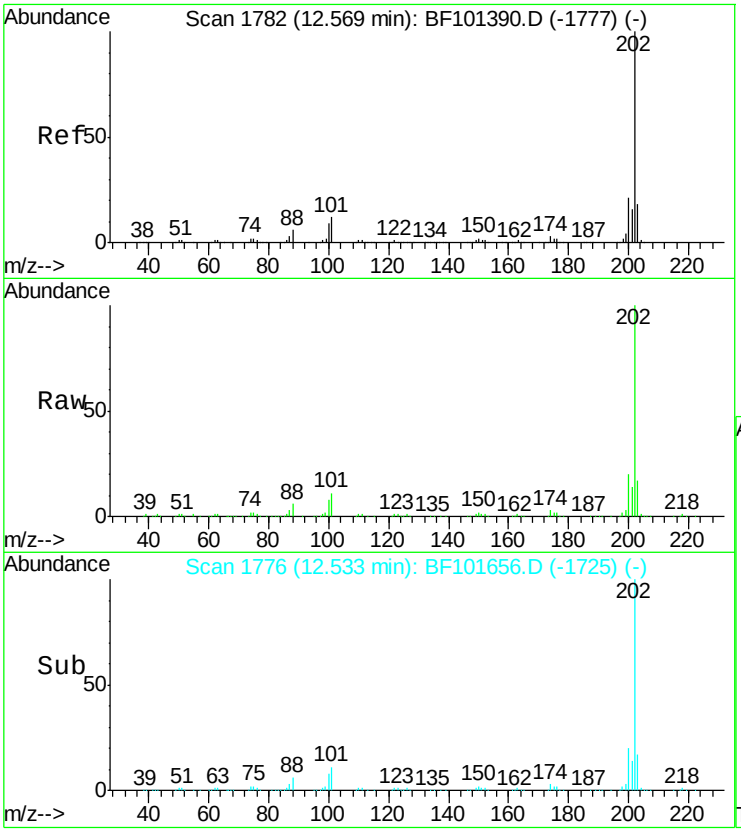


#70
Phenanthrene
Concen: 3.089 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:178 Resp: 78407

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.3	13.0	19.6



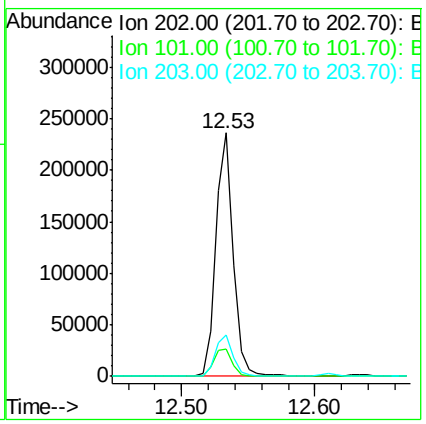


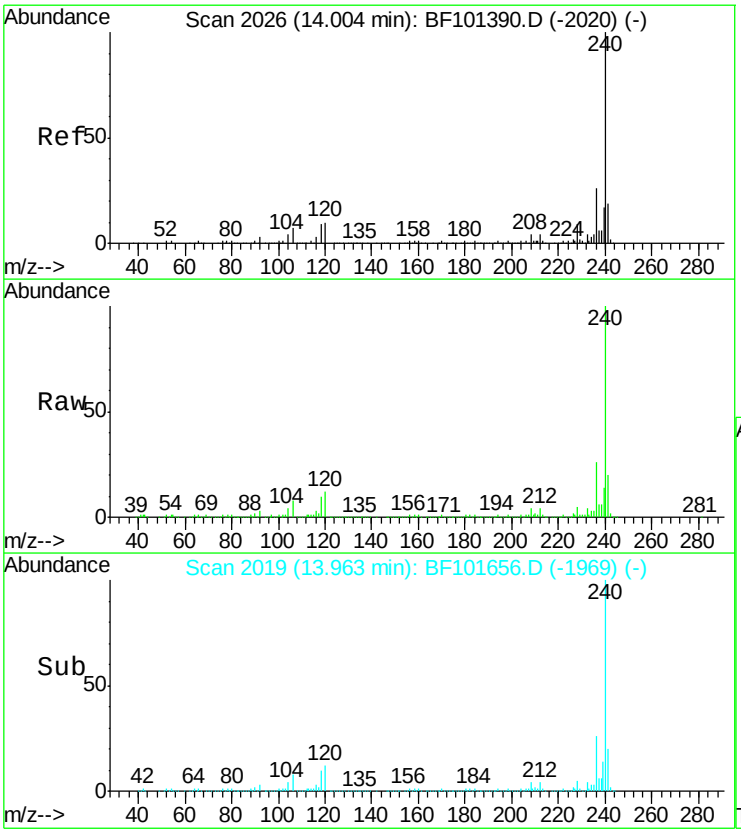
#74
Fluoranthene
Concen: 8.137 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:202 Resp: 216785

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.2	0.0	38.1

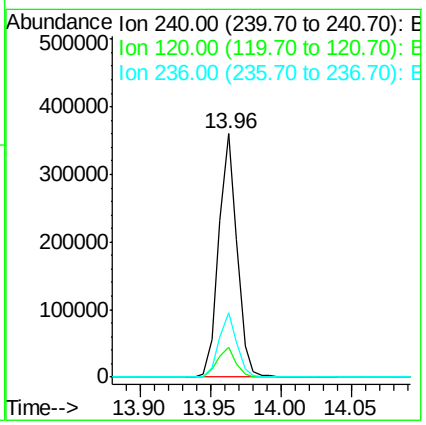


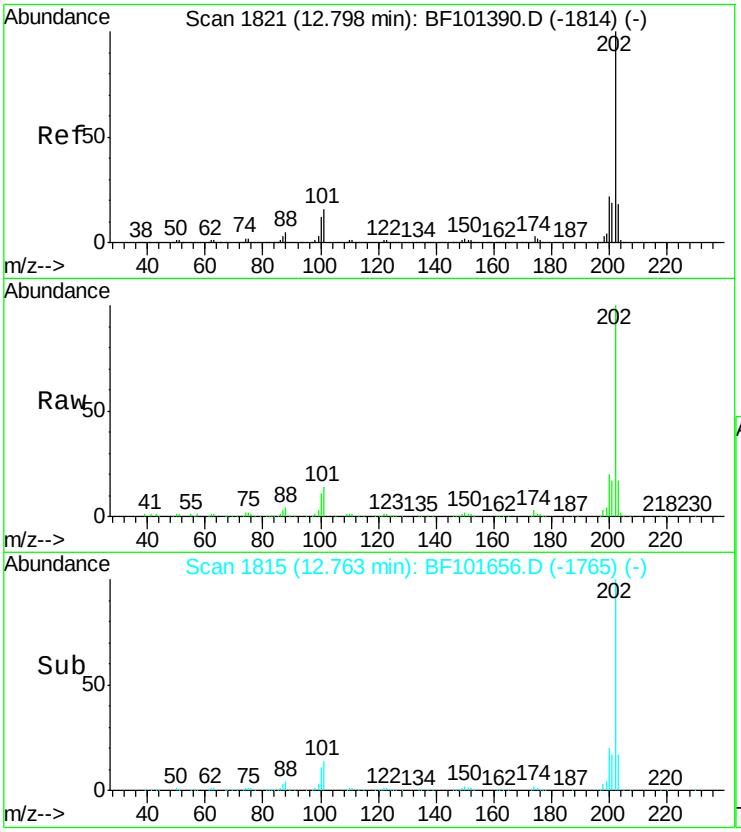


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:240 Resp: 323786

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.4	20.7	31.1



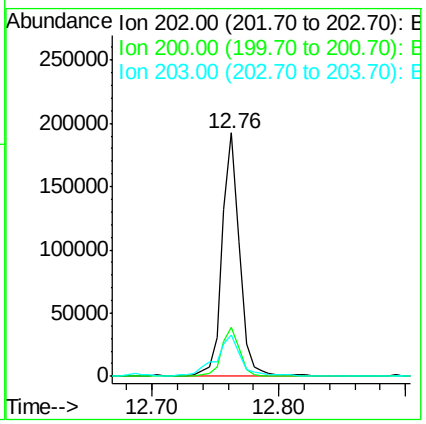


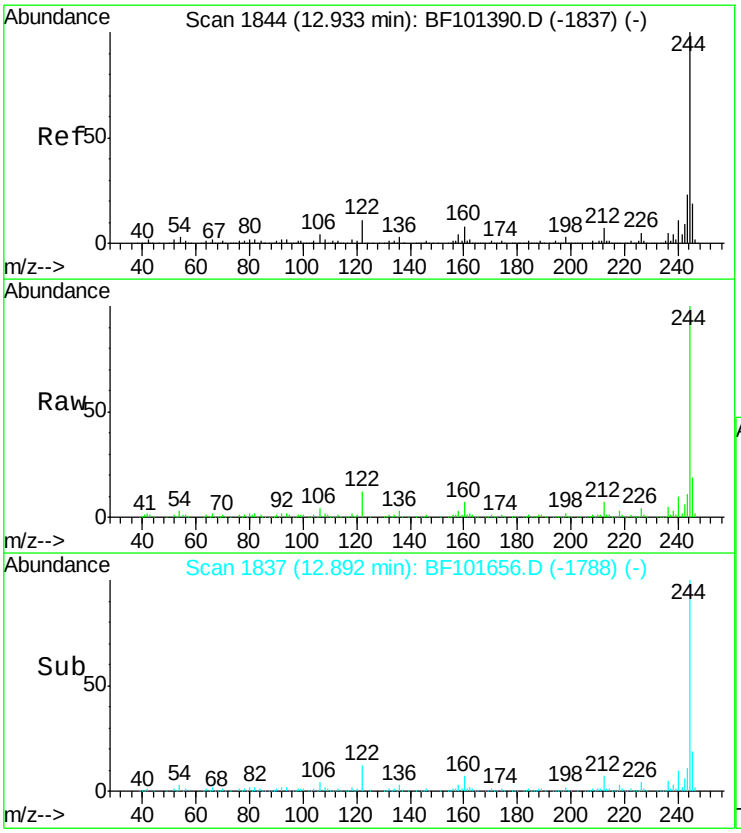
#77
Pyrene
Concen: 7.586 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:202 Resp: 184339

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.2	14.3	21.5

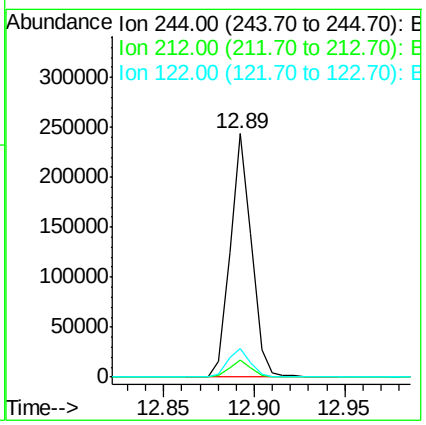


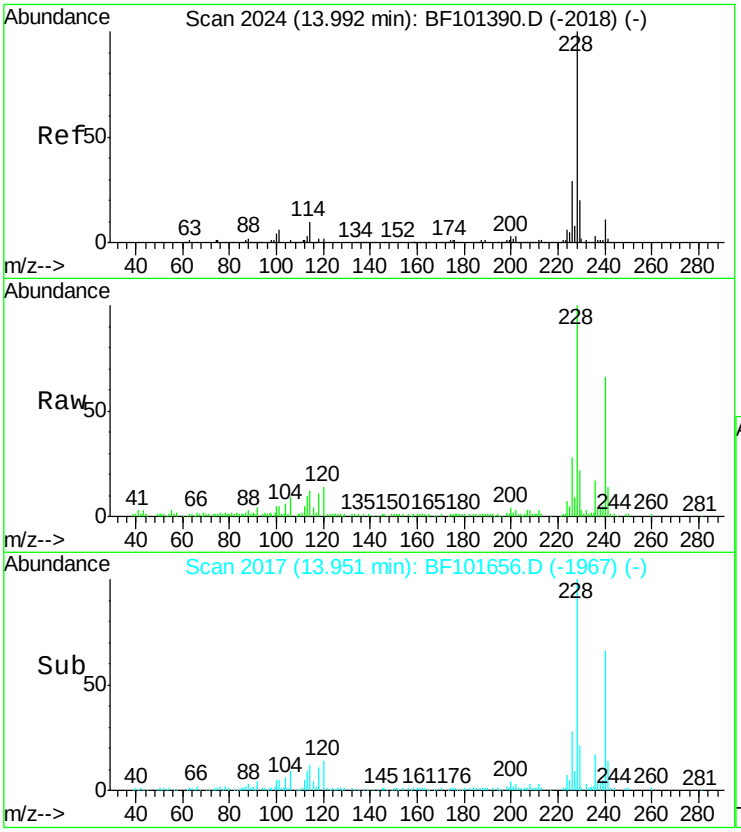


#78
Terphenyl-d14
Concen: 14.796 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:244 Resp: 198725

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4



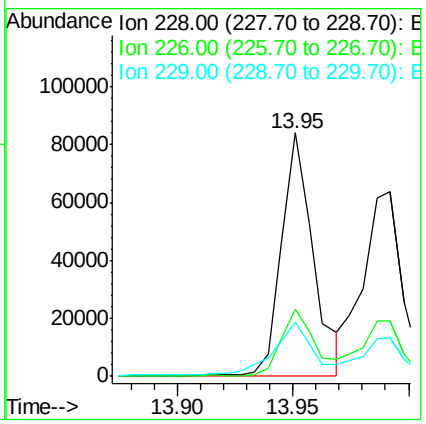


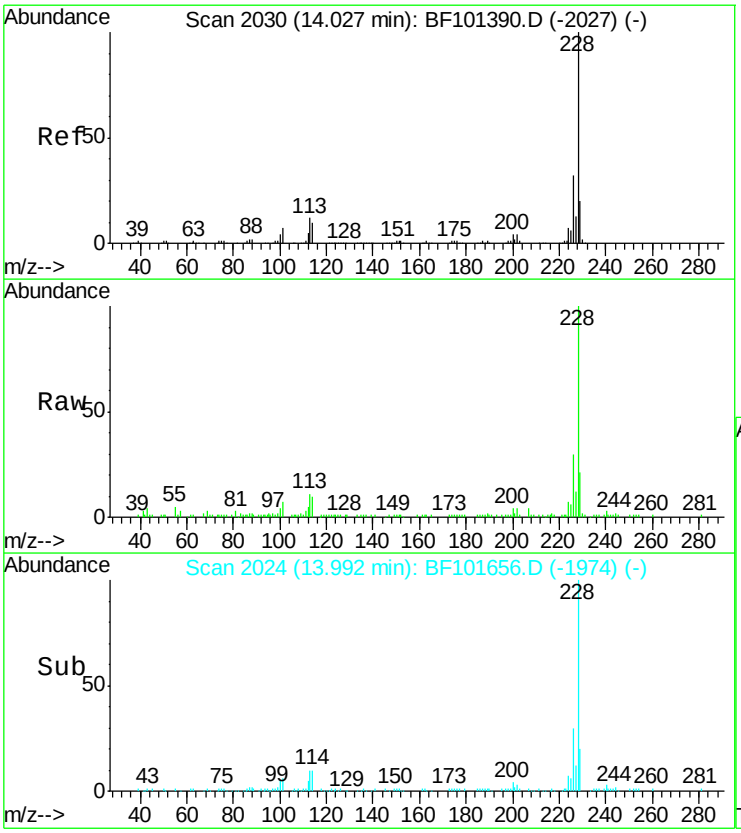
#80
Benzo(a)anthracene
Concen: 3.743 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:228 Resp: 80025

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	22.2	15.8	23.6

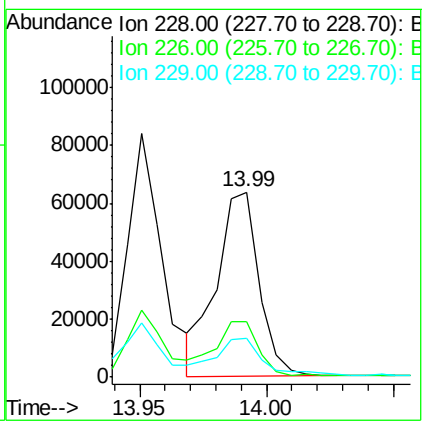


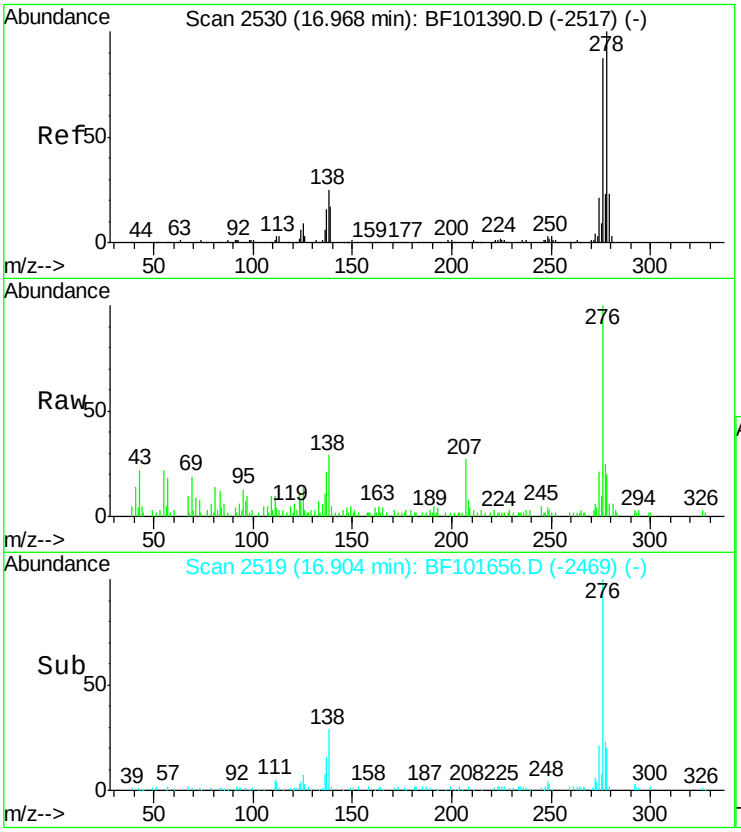


#82
Chrysene
Concen: 3.689 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:228 Resp: 74460

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.4	16.2	24.4



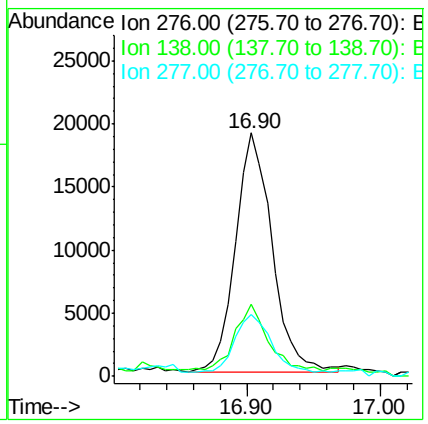


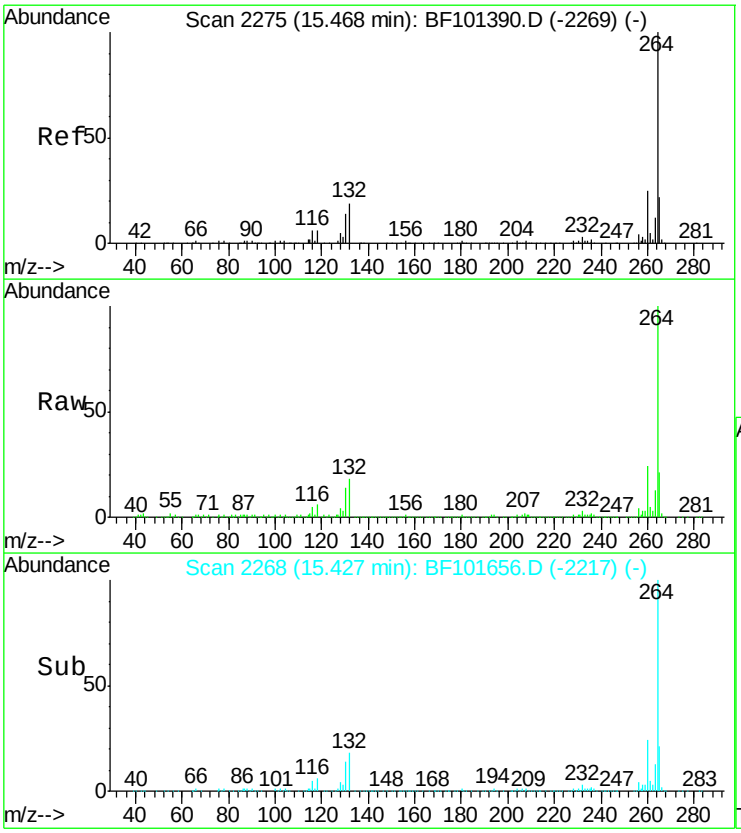
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.017 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:276 Resp: 36260

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	24.1	20.1	30.1

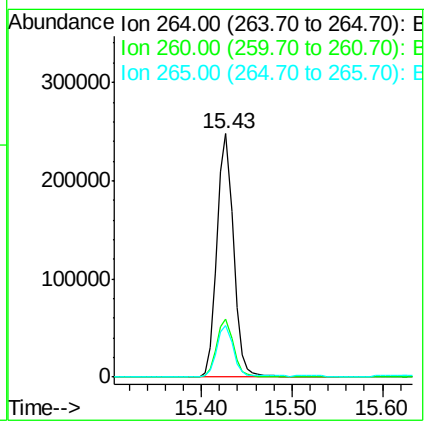


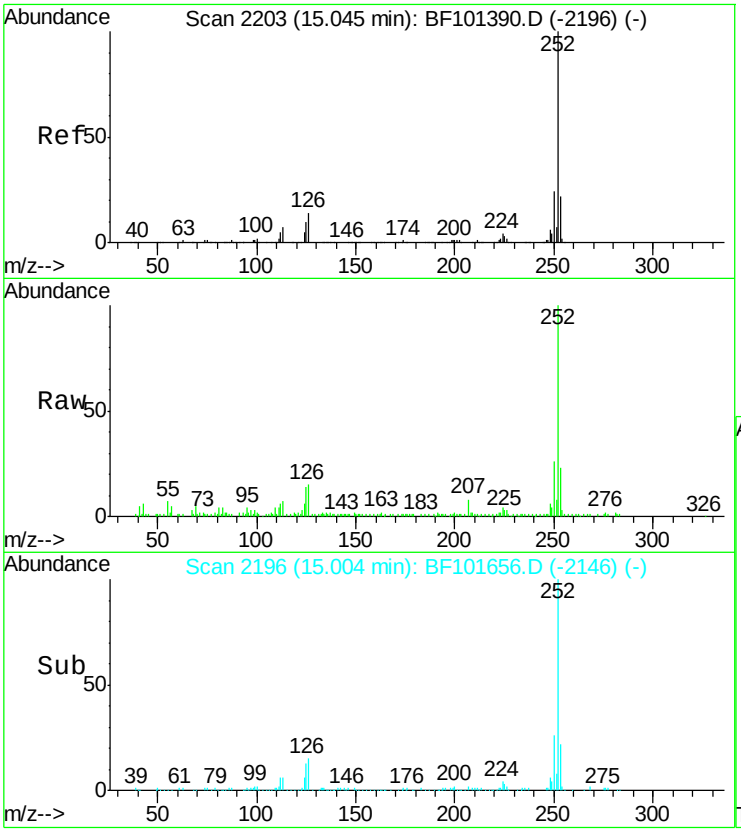


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:264 Resp: 313448

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3



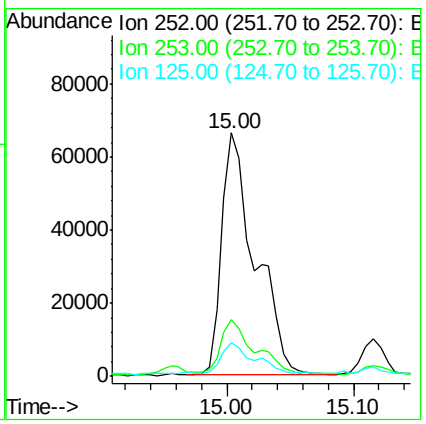


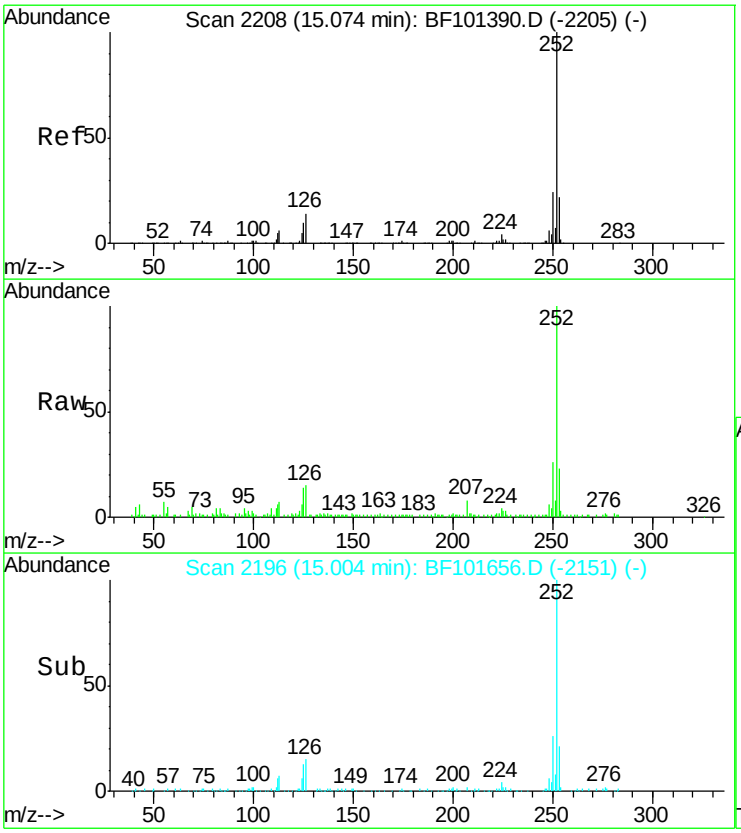
#87
Benzo(b)fluoranthene
Concen: 6.409 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:252 Resp: 122447

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.6	9.0	13.6#

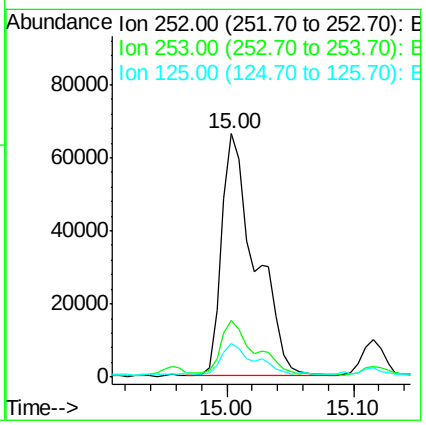


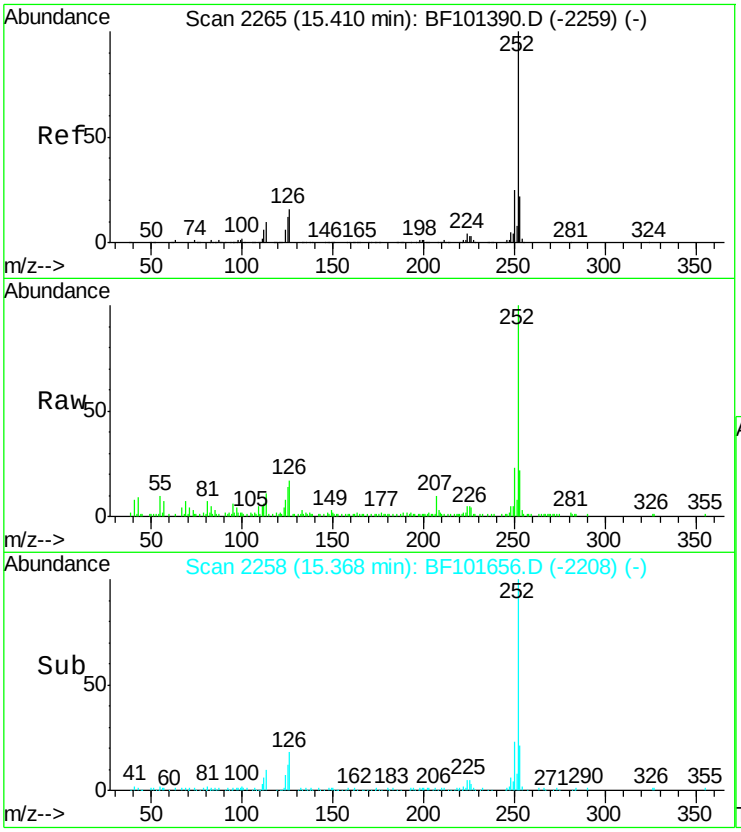


#88
Benzo(k)fluoranthene
Concen: 6.592 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:252 Resp: 122447

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.6	10.2	15.2



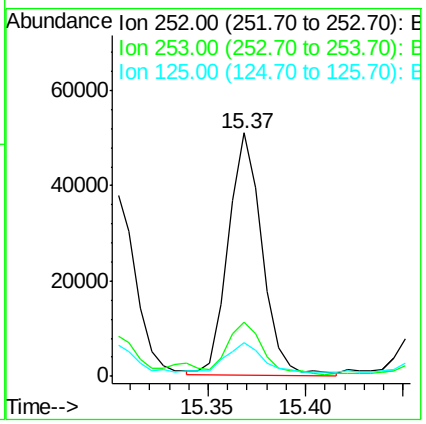


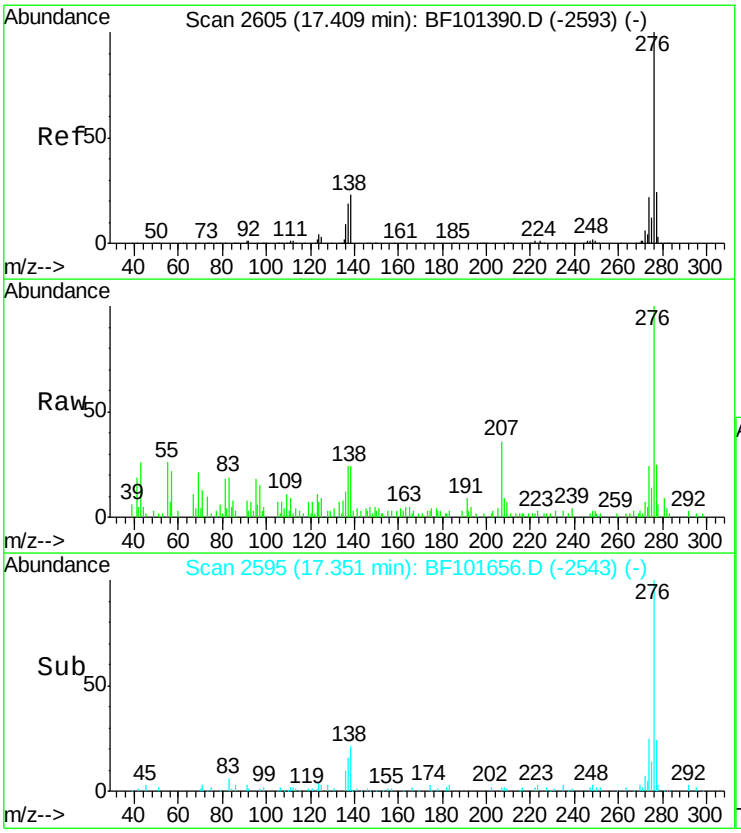
#89
Benzo(a)pyrene
Concen: 3.481 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
PB-10-OW(2-2.5)

Tgt Ion:252 Resp: 61301

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.433 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BF101656.D
Acq: 22 Dec 2017 16:32

Tgt Ion:276 Resp: 36429

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	24.0	21.8	32.8