Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101275.D
Acq On : 9 Dec 2017 10:39
Operator : SJ/JU
Sample : I6744-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 23:44:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45525	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	162994	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	63800	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	116456	20.00	ng		0.00
75) Chrysene-d12	14.02	240	85087	20.00	ng		0.01
86) Perylene-d12	15.50	264	64777	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	307222	111.51	ng		0.01
7) Phenol-d6	6.47	99	358486	107.18	ng		0.01
23) Nitrobenzene-d5	7.40	82	187859	68.75	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	67690	88.32	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	367562	78.82	ng		0.00
78) Terphenyl-d14	12.95	244	305081	78.42	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	6050	2.955	ng		85
10) Phenol	6.48	94	13928	3.745	ng		82
19) n-Nitroso-di-n-propylamine	7.40	70	24529	10.889	ng	#	81
25) Isophorone	7.40	82	187858	40.251	ng	#	64
49) Dimethylphthalate	9.58	163	19049	3.702	ng	#	98
50) 2,6-Dinitrotoluene	9.87	165	8548	7.888	ng	#	24
56) 2,4-Dinitrotoluene	9.87	165	8548	5.886	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	4404	3.379	ng	#	1
70) Phenanthrene	11.39	178	50282	7.840	ng		97
74) Fluoranthene	12.58	202	75158	10.572	ng		95
77) Pyrene	12.81	202	59744	10.176	ng		98
80) Benzo(a)anthracene	14.00	228	24924	4.639	ng	#	91
82) Chrysene	14.04	228	26573	5.326	ng		92
85) Indeno(1,2,3-cd)pyrene	16.98	276	10692	2.410	ng	#	85
87) Benzo(b)fluoranthene	15.06	252	36383	9.377	ng	#	62
88) Benzo(k)fluoranthene	15.06	252	36383	9.518	ng	#	65
89) Benzo(a)pyrene	15.43	252	13663	3.873	ng	#	58
91) Benzo(g,h,i)perylene	17.44	276	10564	3.605	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101275.D
Acq On : 9 Dec 2017 10:39
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Misc :
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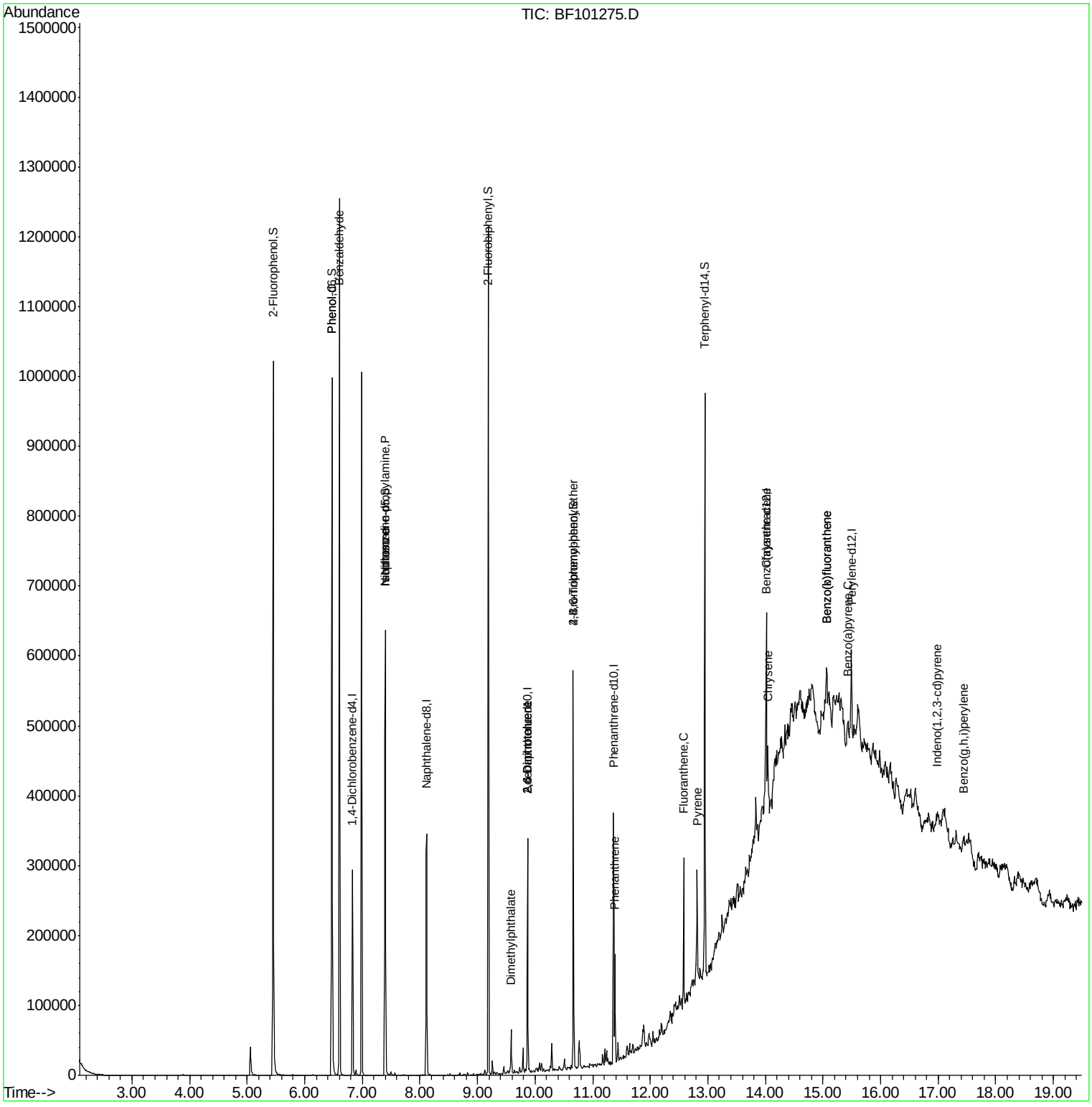
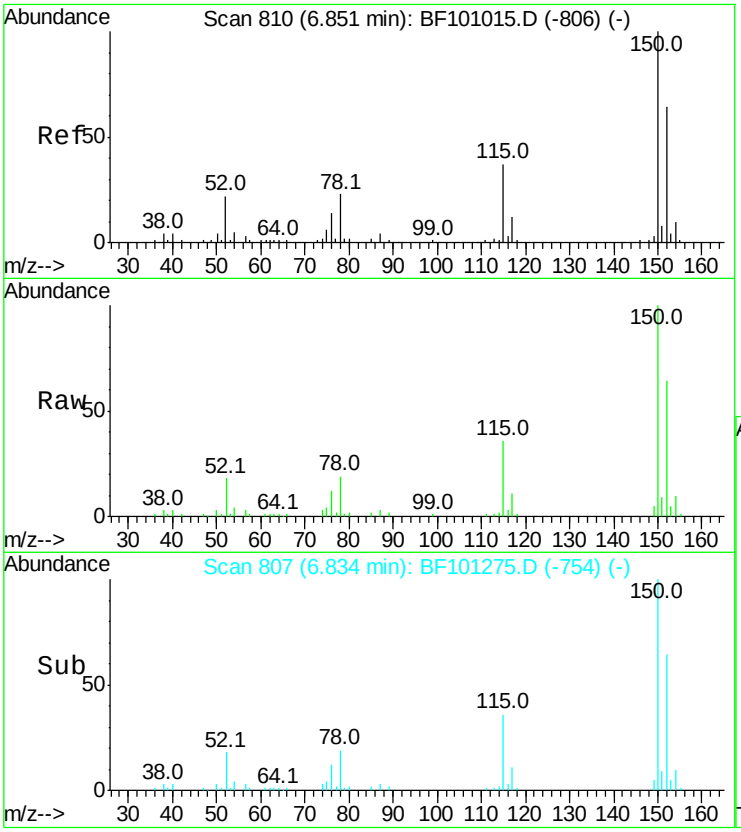
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



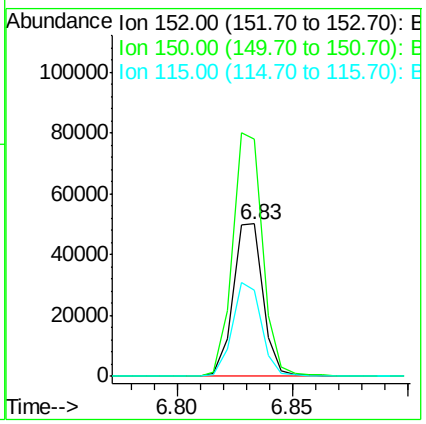


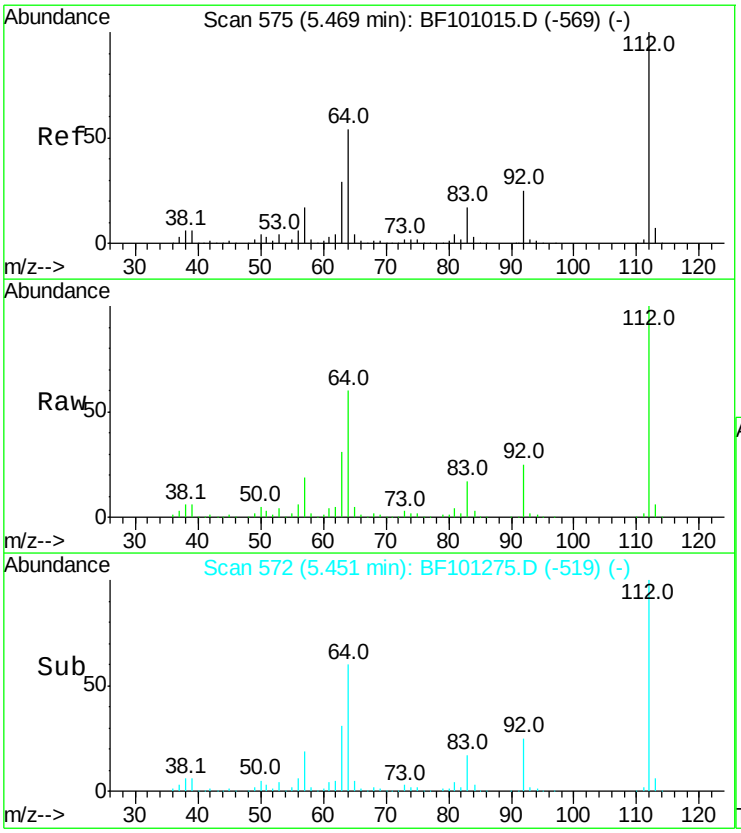
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45525

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	56.3	50.1	75.1

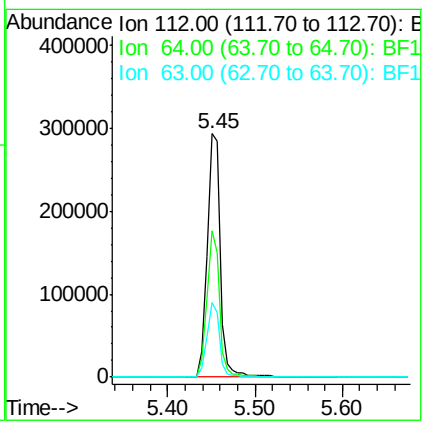


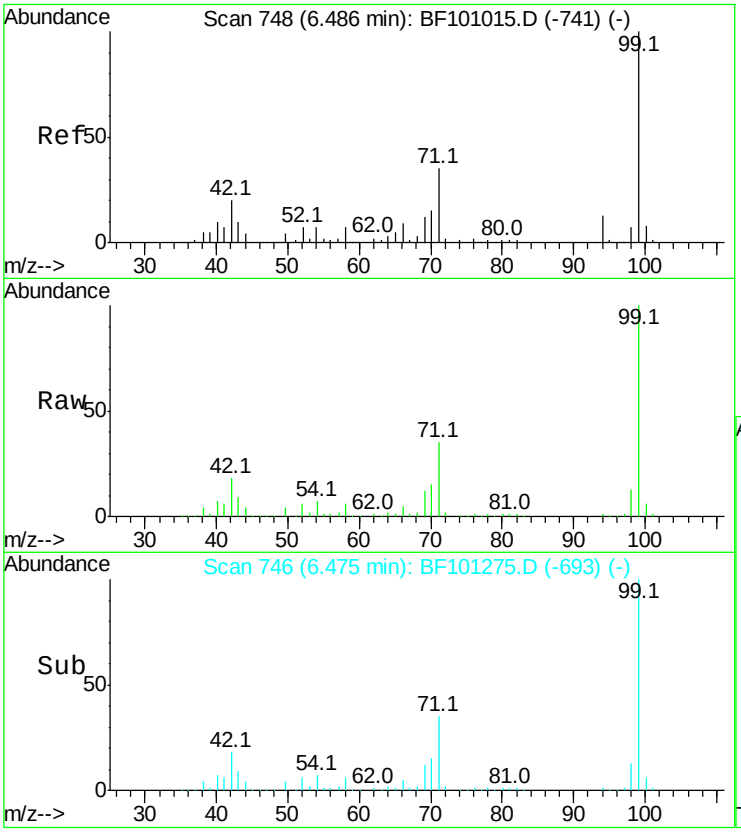


#5
2-Fluorophenol
Concen: 111.514 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:112 Resp: 307222

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.7	23.7	35.5



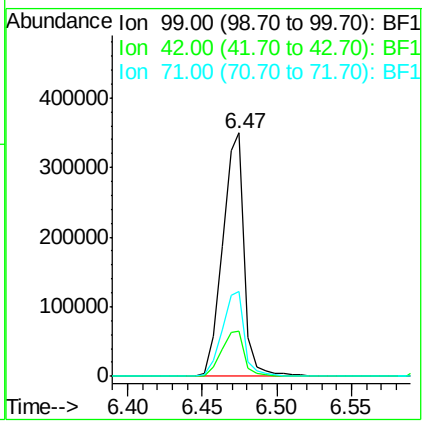


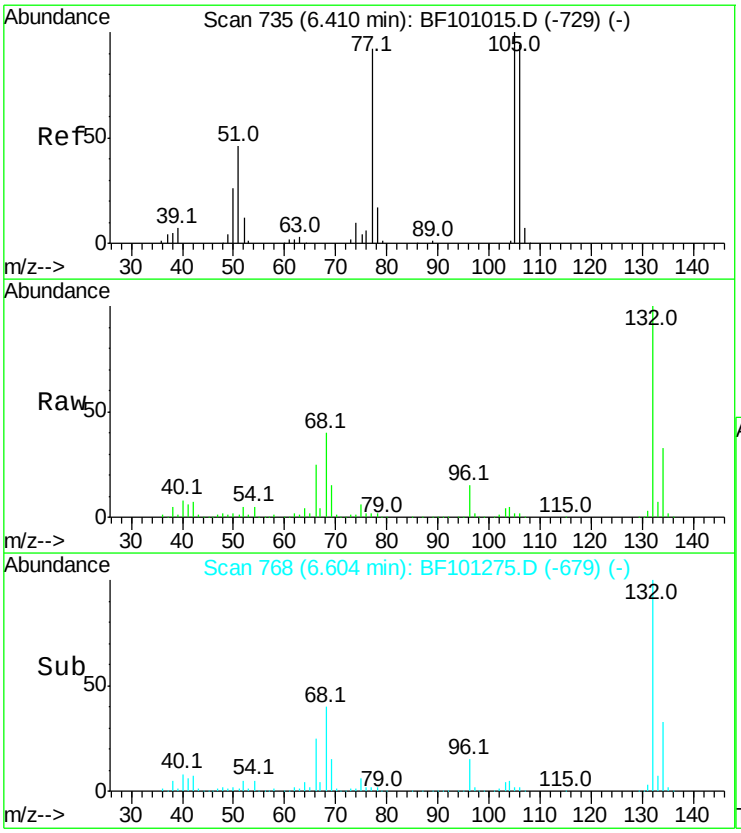
#7
Phenol-d6
Concen: 107.175 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 358486

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	34.7	25.4	38.0

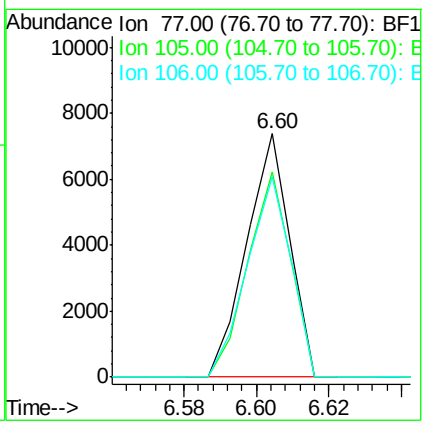


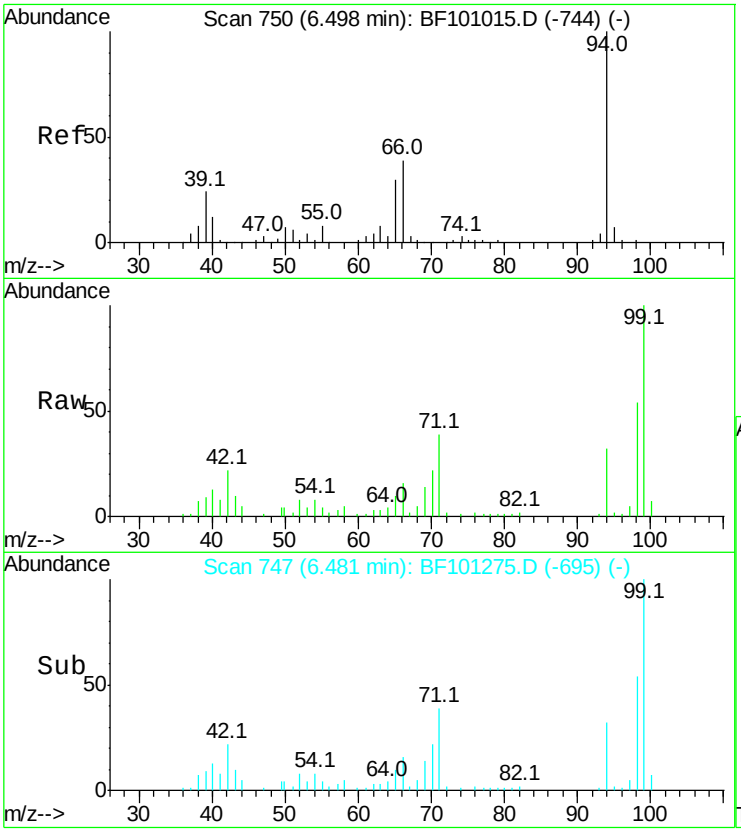


#9
Benzaldehyde
Concen: 2.955 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.22 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion: 77 Resp: 6050

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.1	121.1
106	82.2	74.5	114.5



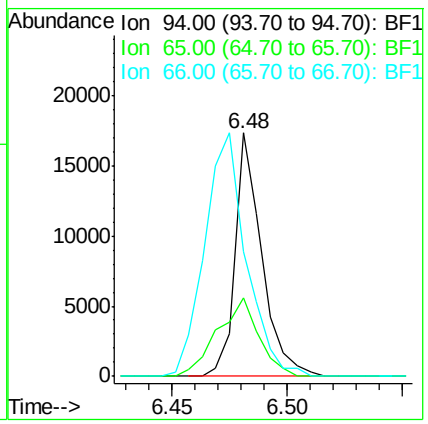


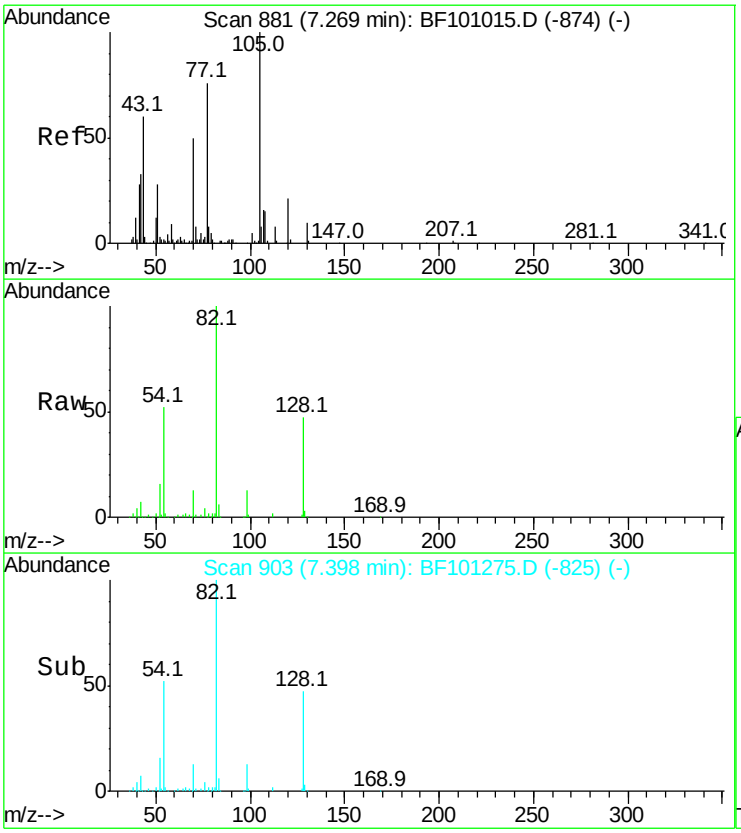
#10
Phenol
Concen: 3.745 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 13928

Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	51.0	16.2	56.2

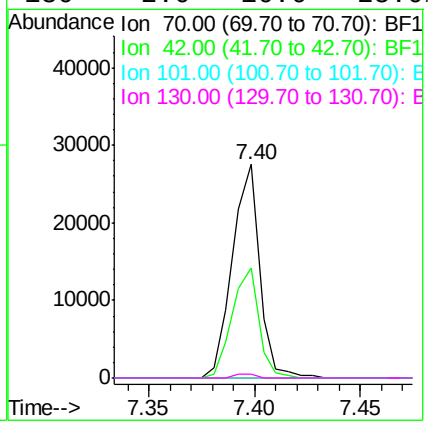


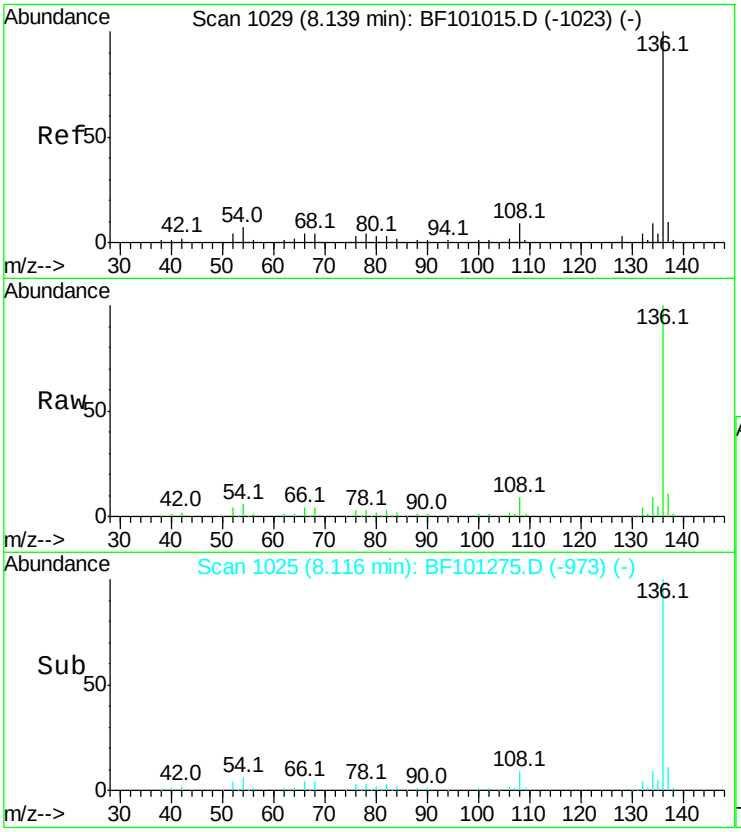


#19
n-Nitroso-di-n-propylamine
Concen: 10.889 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion: 70 Resp: 24529

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



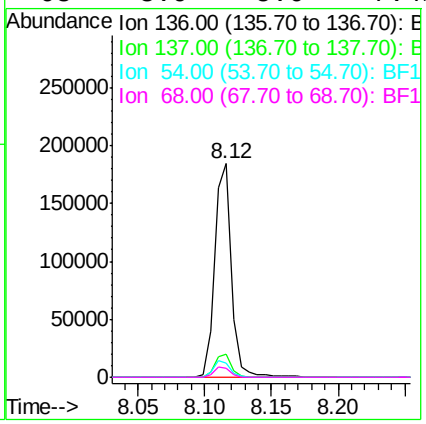


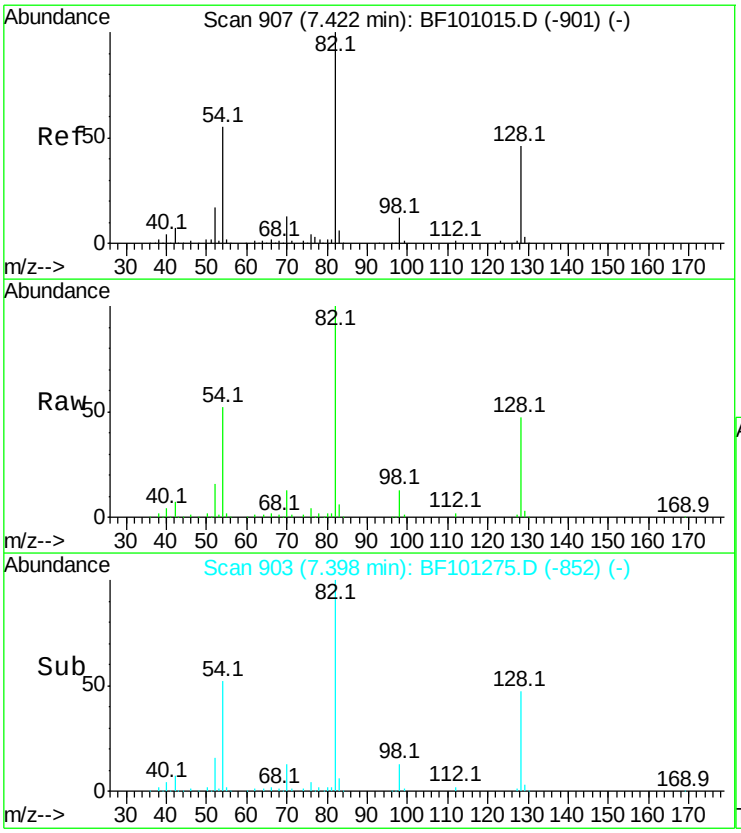
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 162994

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	3.9	5.0	7.4#

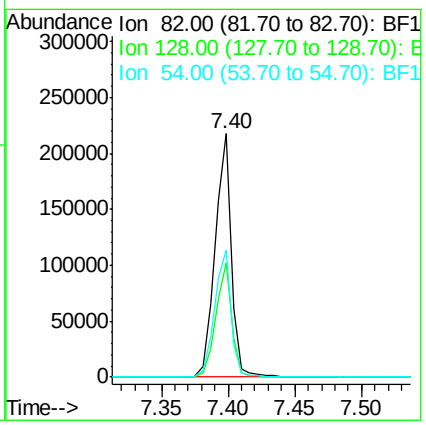


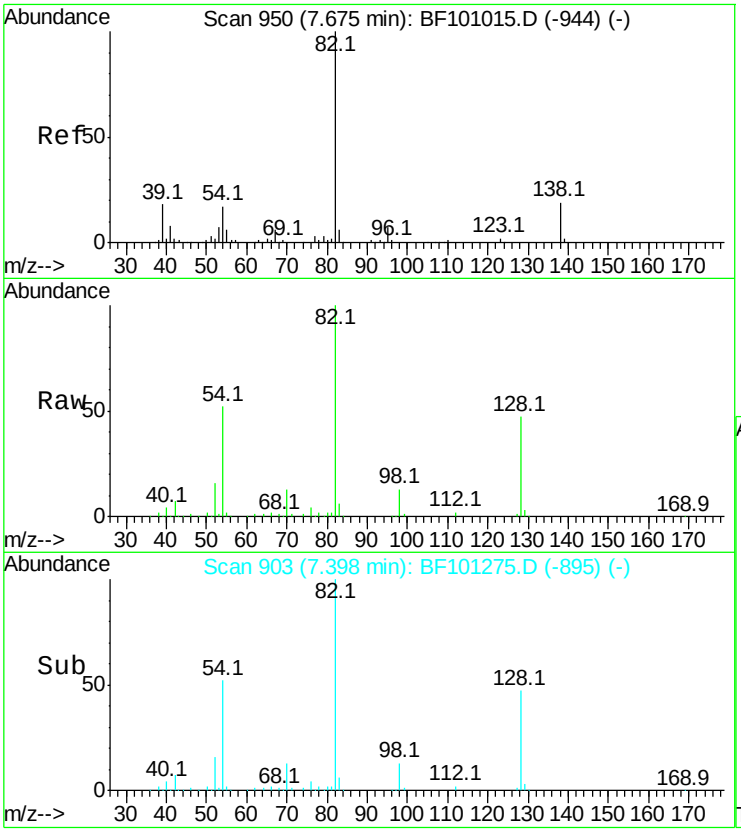


#23
Nitrobenzene-d5
Concen: 68.753 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion: 82 Resp: 187859

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	52.3	41.4	62.2



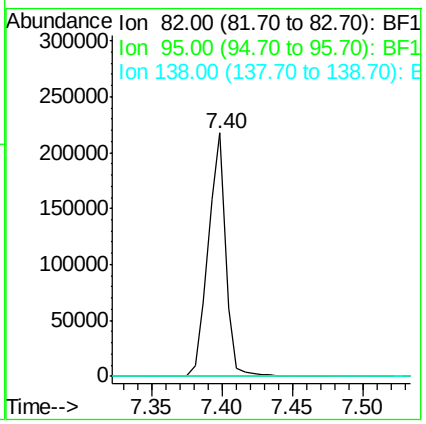


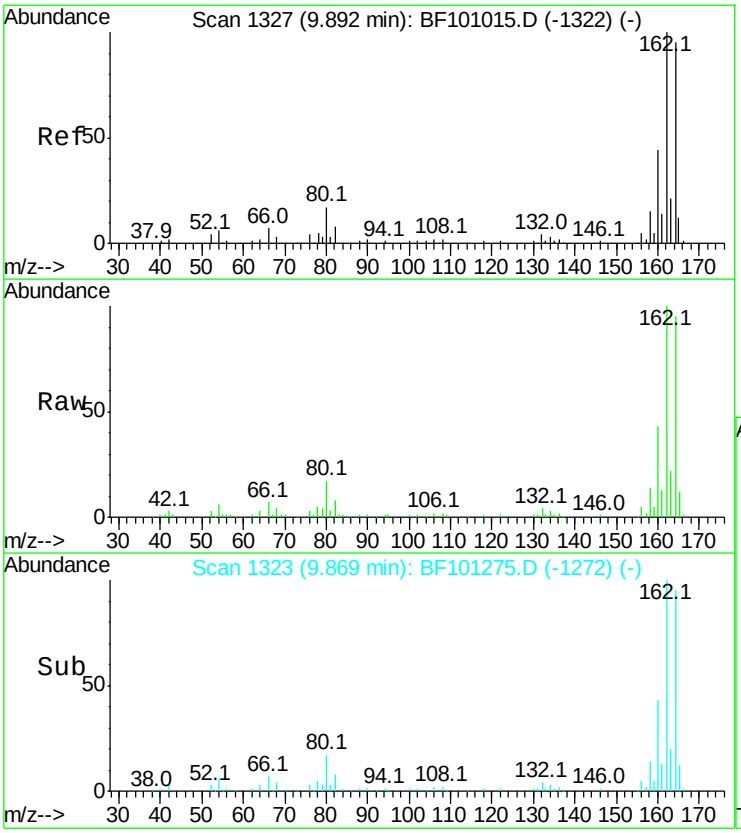
#25
Isophorone
Concen: 40.251 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 187858

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

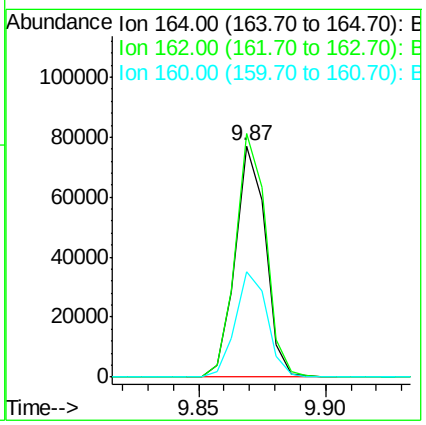


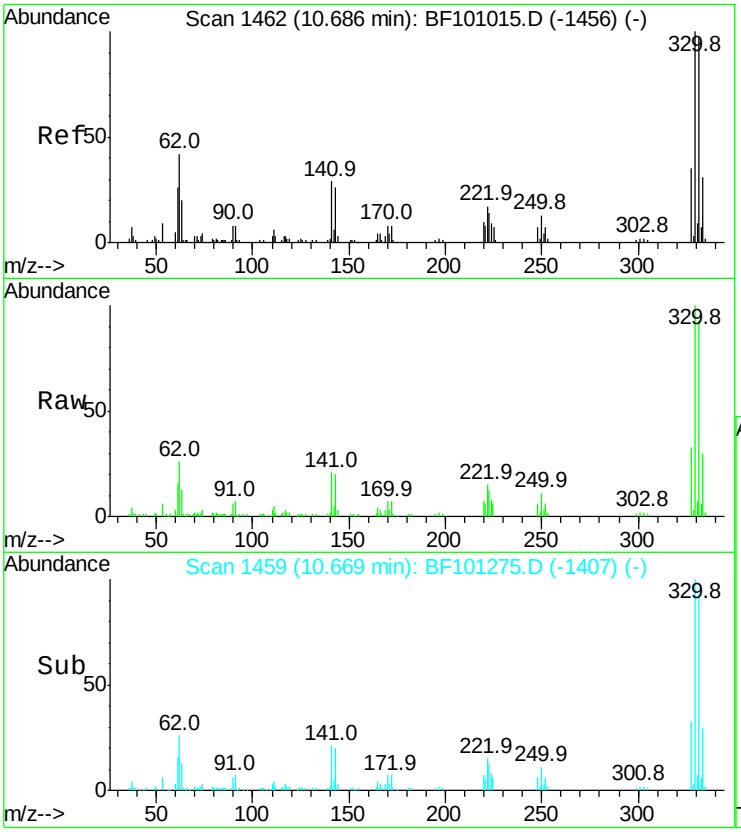


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:164 Resp: 63800

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.5	38.3	57.5



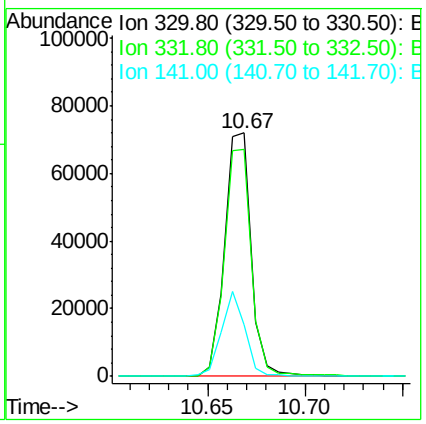


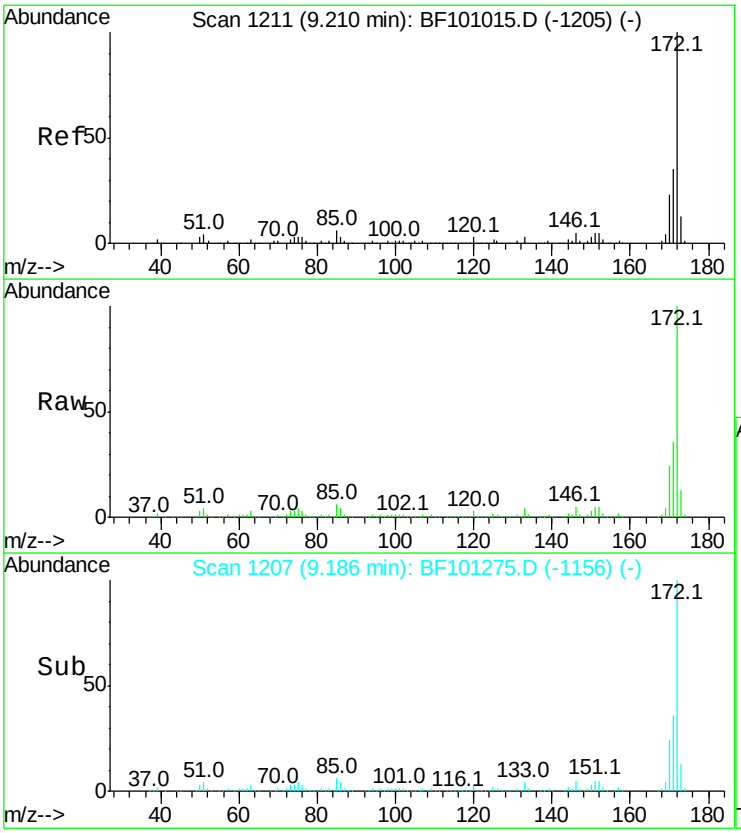
#41
2,4,6-Tribromophenol
Concen: 88.320 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 67690

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.8	29.9	44.9

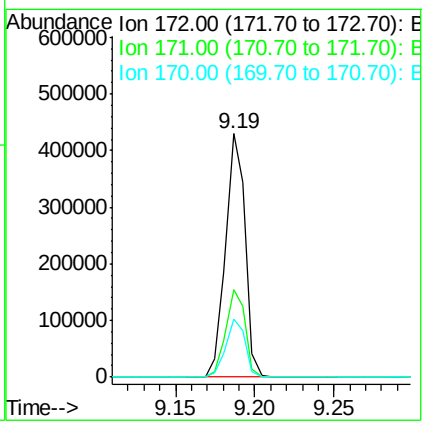


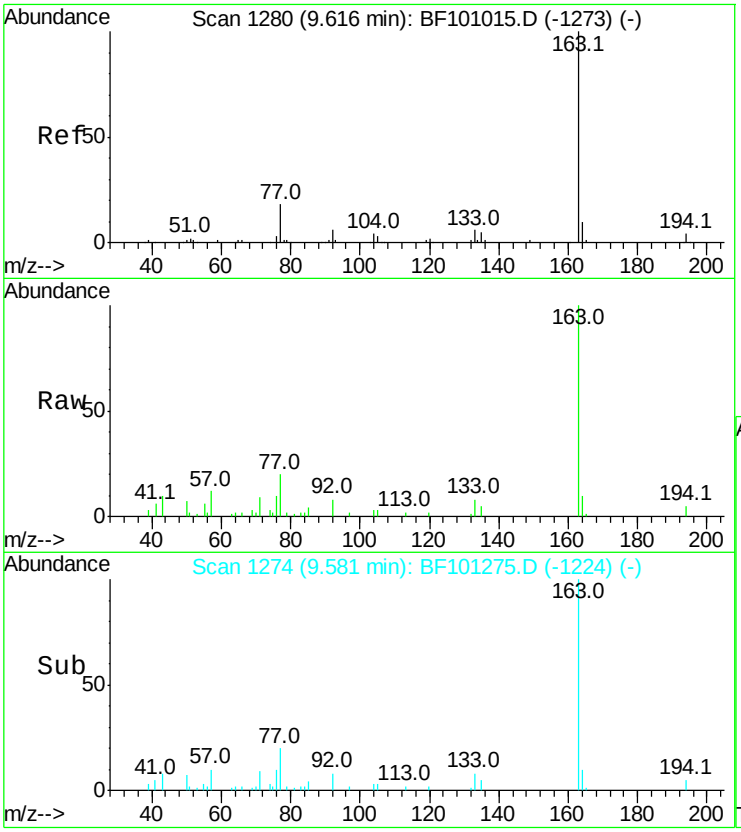


#44
2-Fluorobiphenyl
Concen: 78.824 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:172 Resp: 367562

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



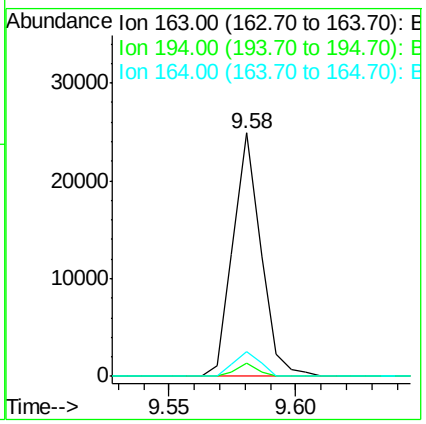


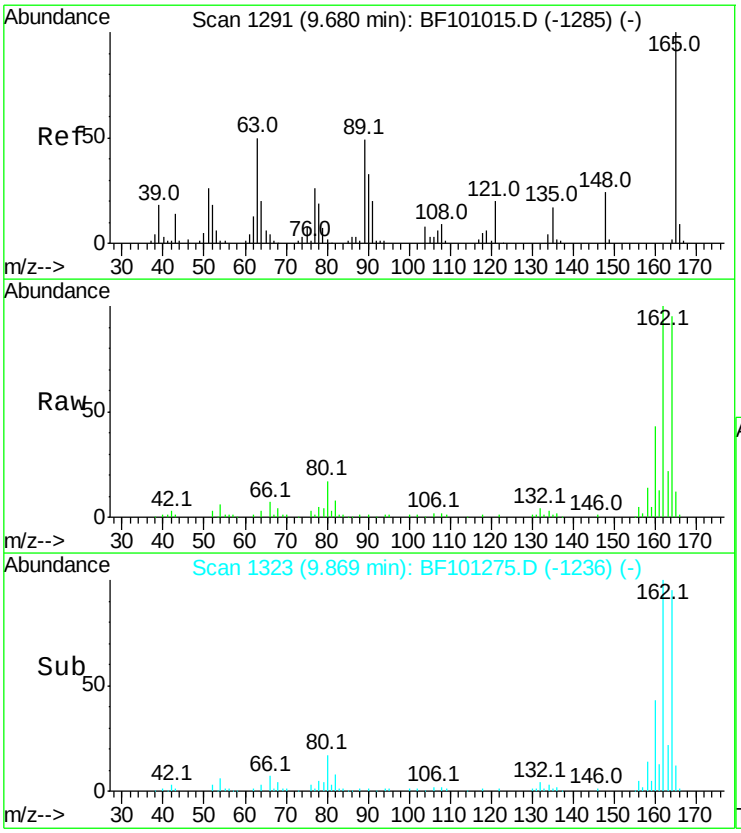
#49
Dimethylphthalate
Concen: 3.702 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19049

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.7	4.1#
164	10.1	8.2	12.2

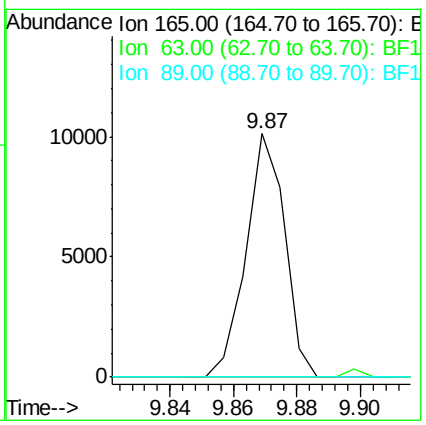


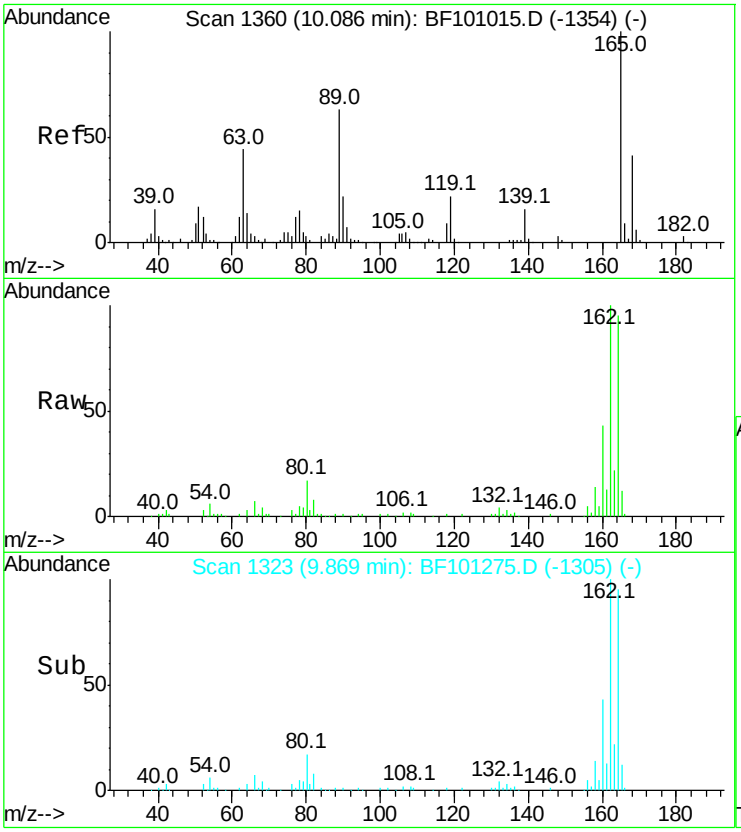


#50
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:165 Resp: 8548

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



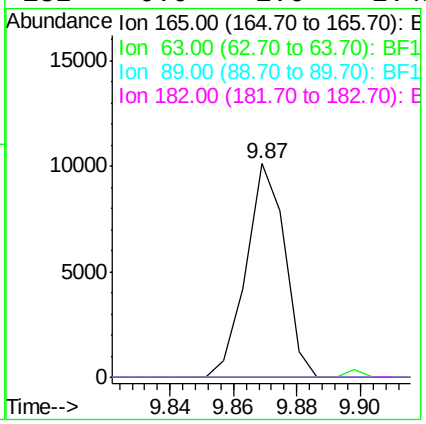


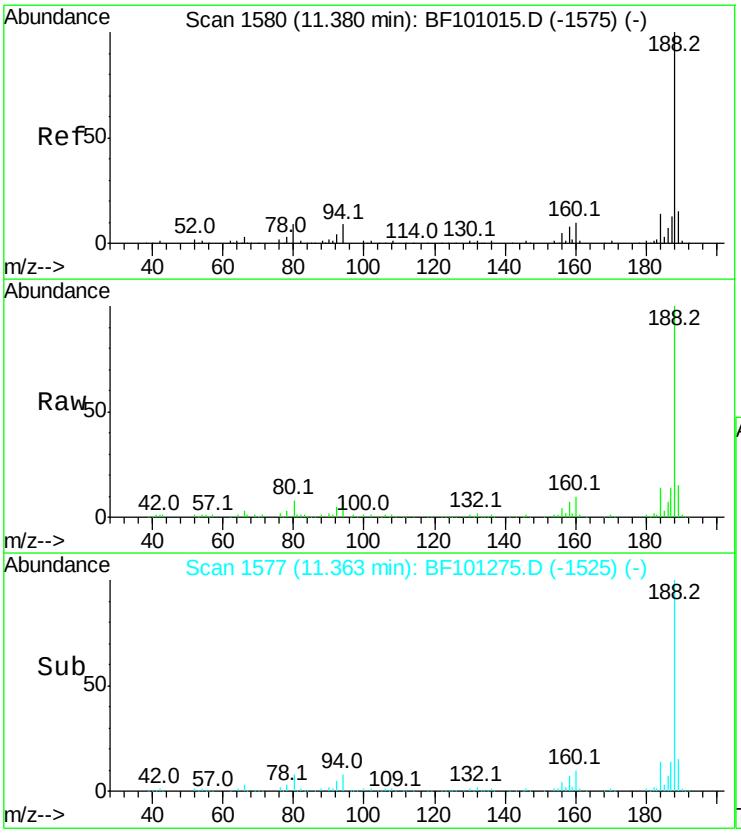
#56
2,4-Dinitrotoluene
Concen: 5.886 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8548

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#

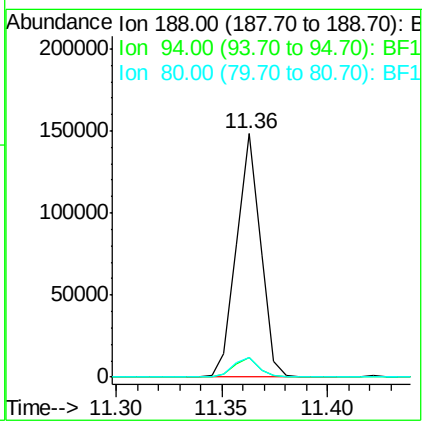


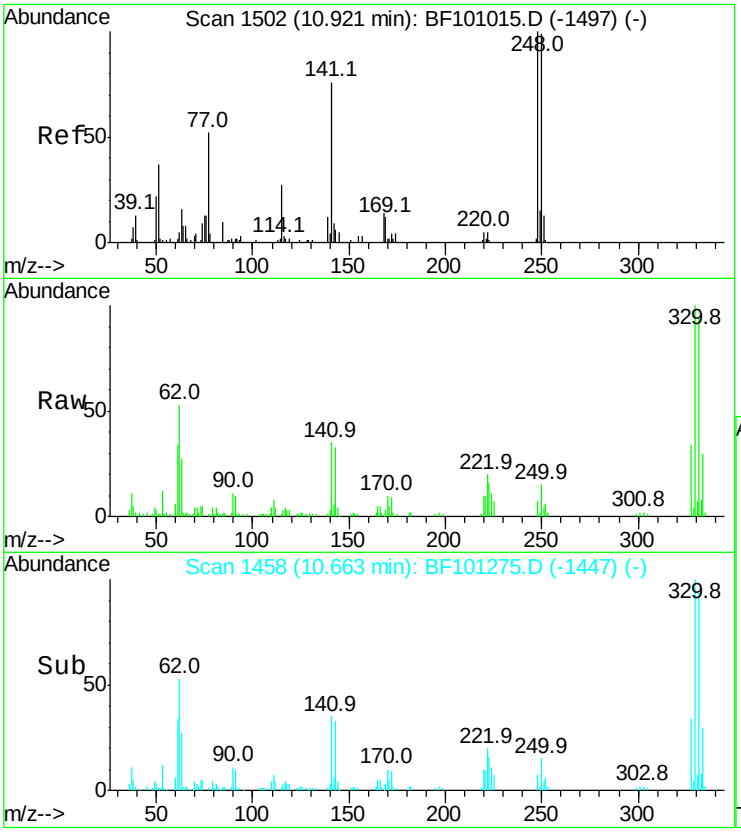


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:188 Resp: 116456

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



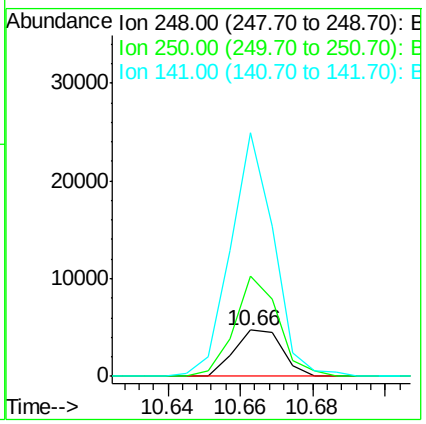


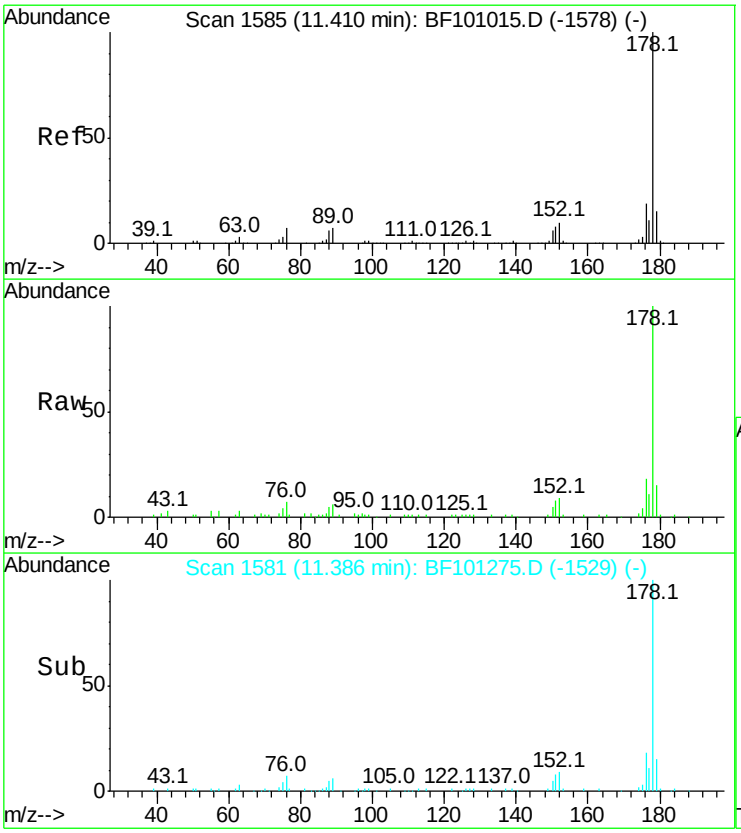
#66
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.24 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4404

Ion	Ratio	Lower	Upper
248	100		
250	217.8	76.9	115.3#
141	526.6	74.4	111.6#

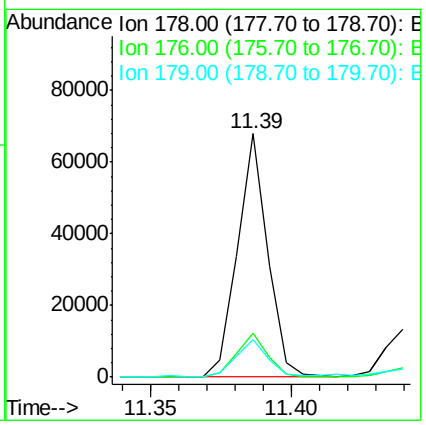


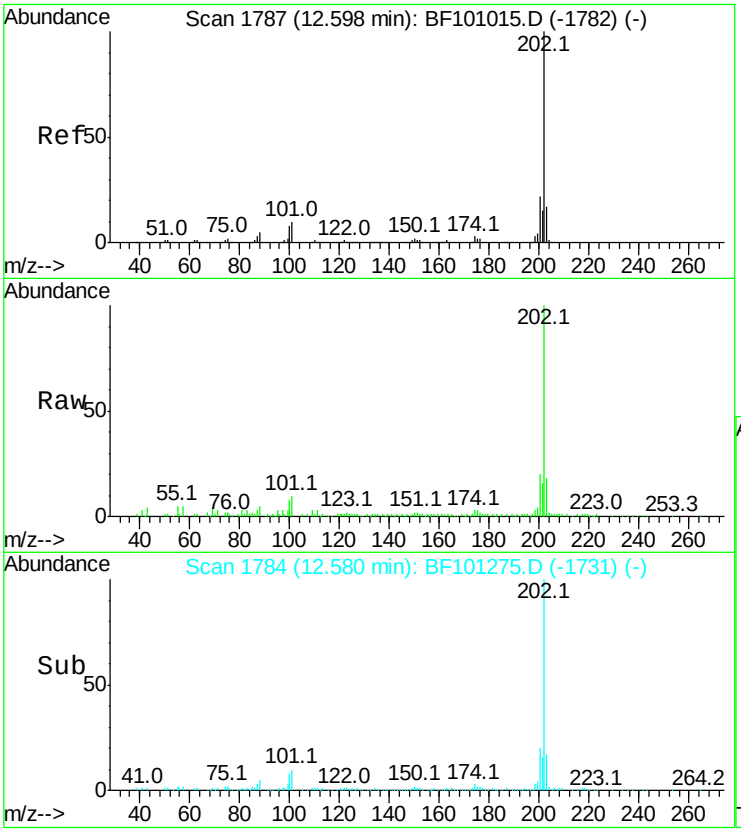


#70
Phenanthrene
Concen: 7.840 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:178 Resp: 50282

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.3	13.0	19.6



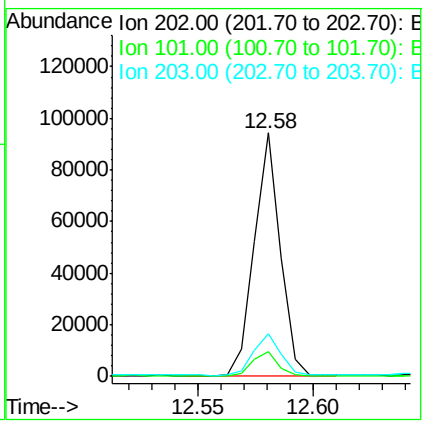


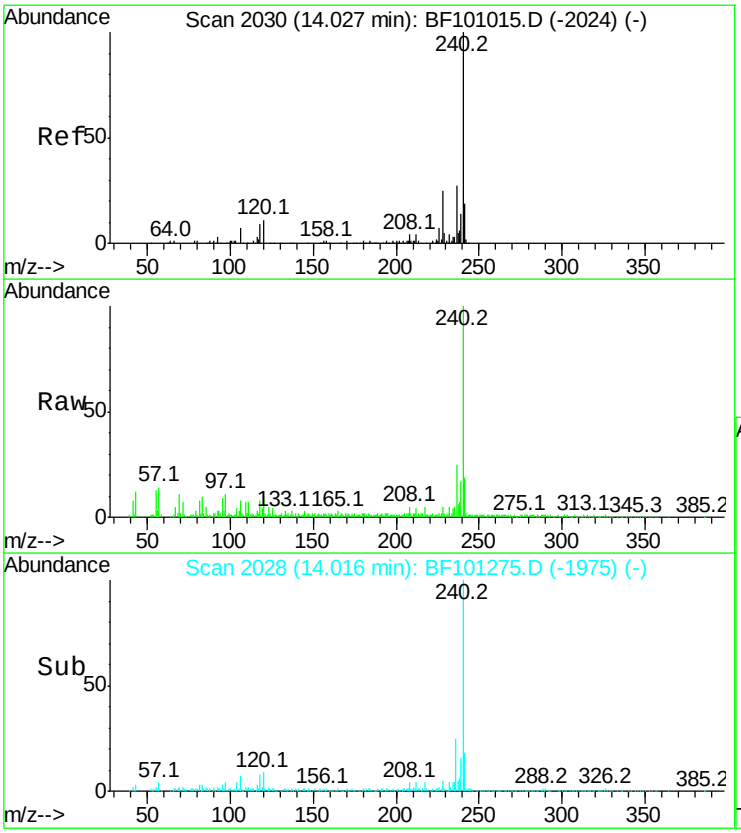
#74
Fluoranthene
Concen: 10.572 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75158

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.6	0.0	38.1

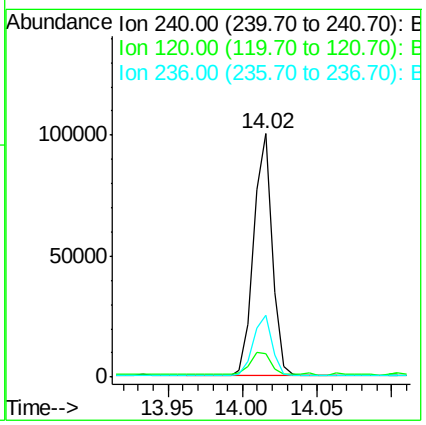


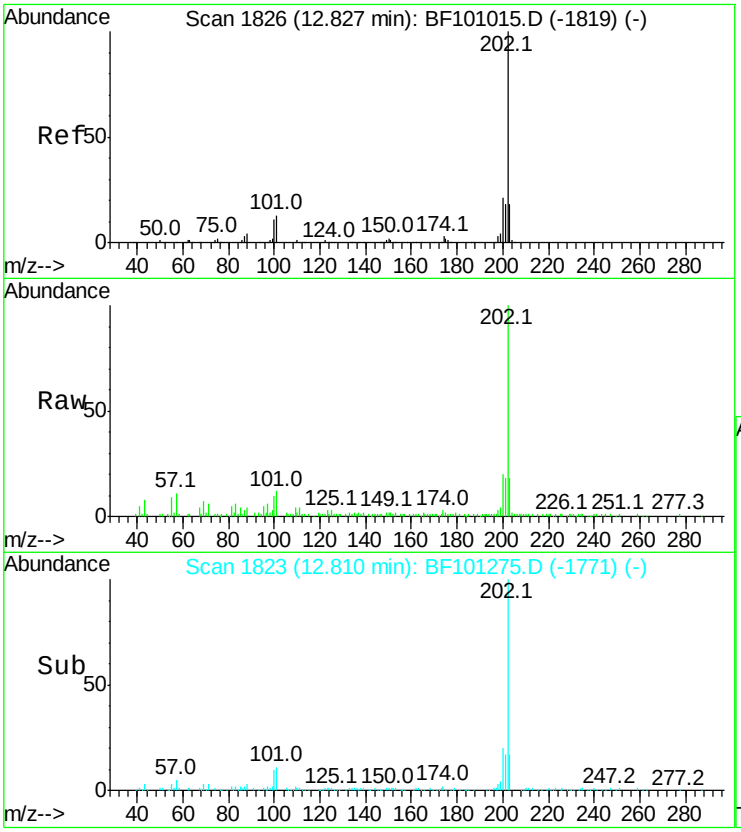


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:240 Resp: 85087

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.4	20.7	31.1



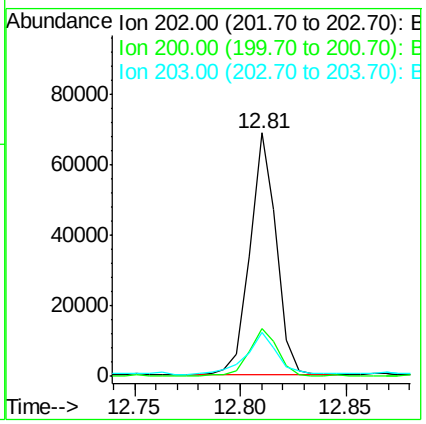


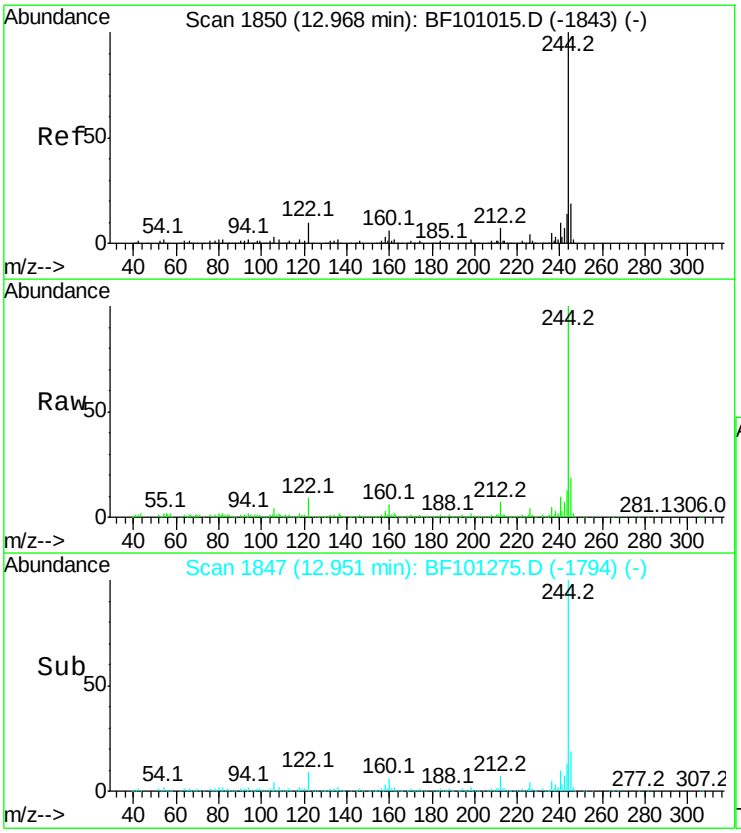
#77
Pyrene
Concen: 10.176 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 59744

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	18.0	14.3	21.5

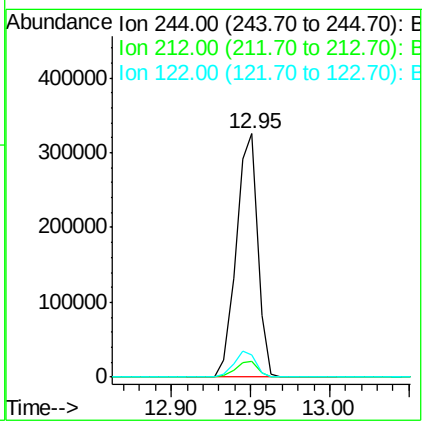


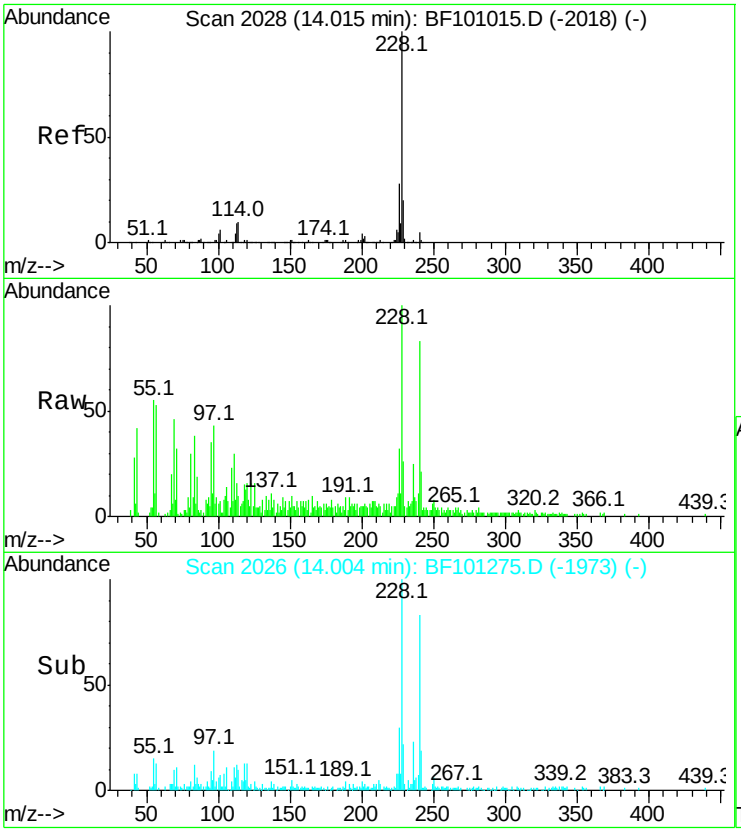


#78
Terphenyl-d14
Concen: 78.425 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:244 Resp: 305081

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#



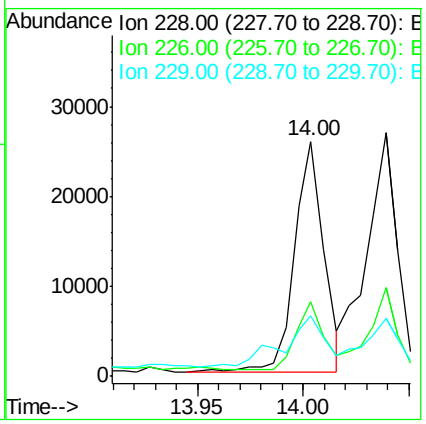


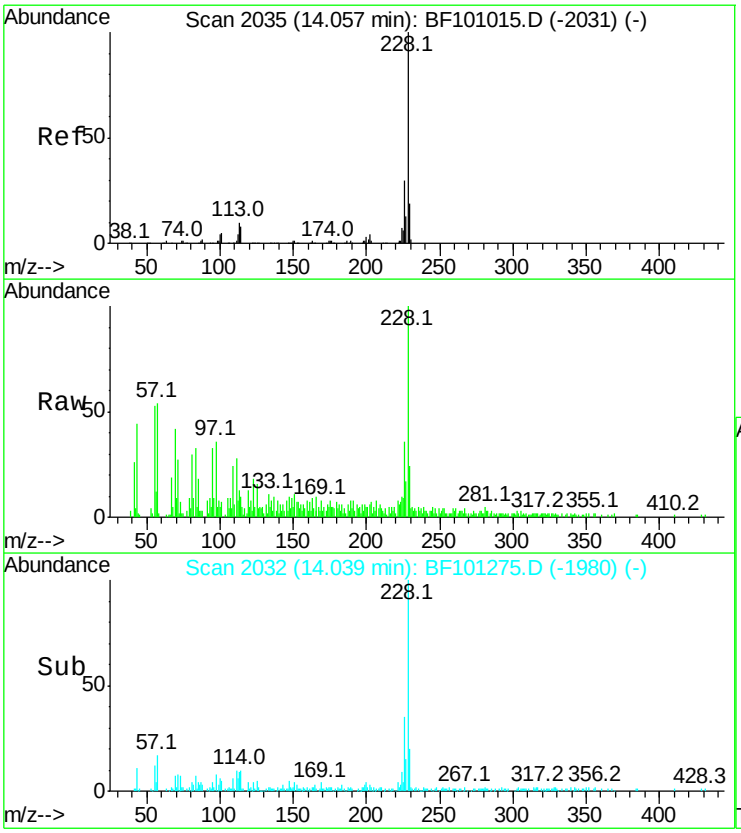
#80
Benzo(a)anthracene
Concen: 4.639 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 24924

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	25.5	15.8	23.6#

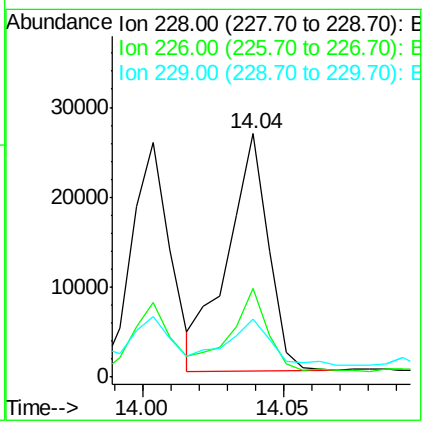


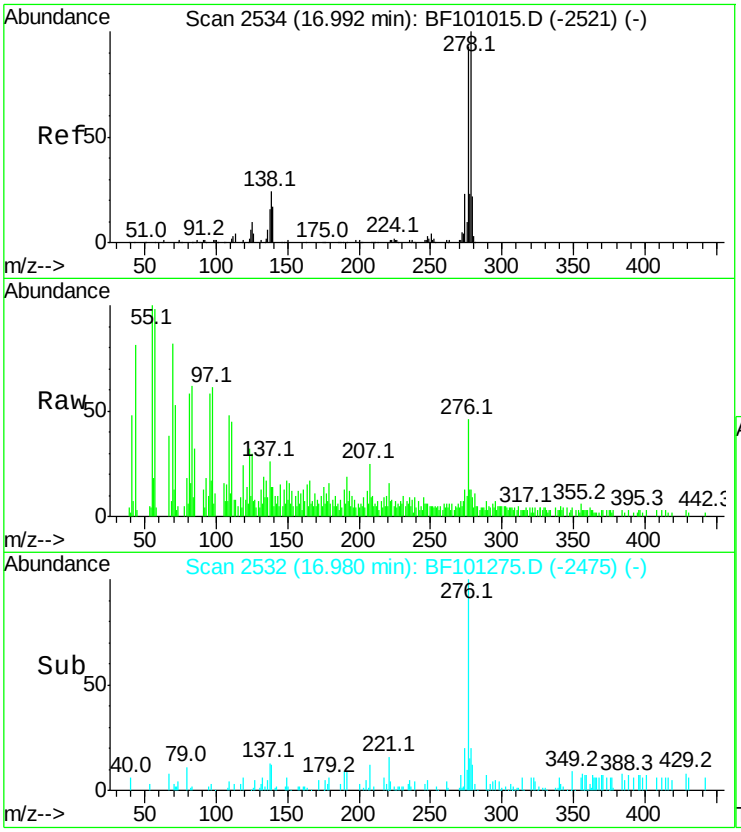


#82
Chrysene
Concen: 5.326 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:228 Resp: 26573

Ion	Ratio	Lower	Upper
228	100		
226	36.3	25.0	37.6
229	23.6	16.2	24.4



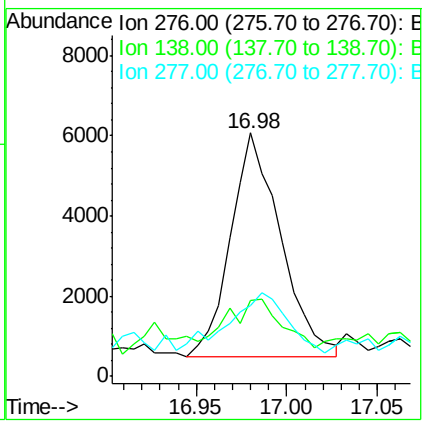


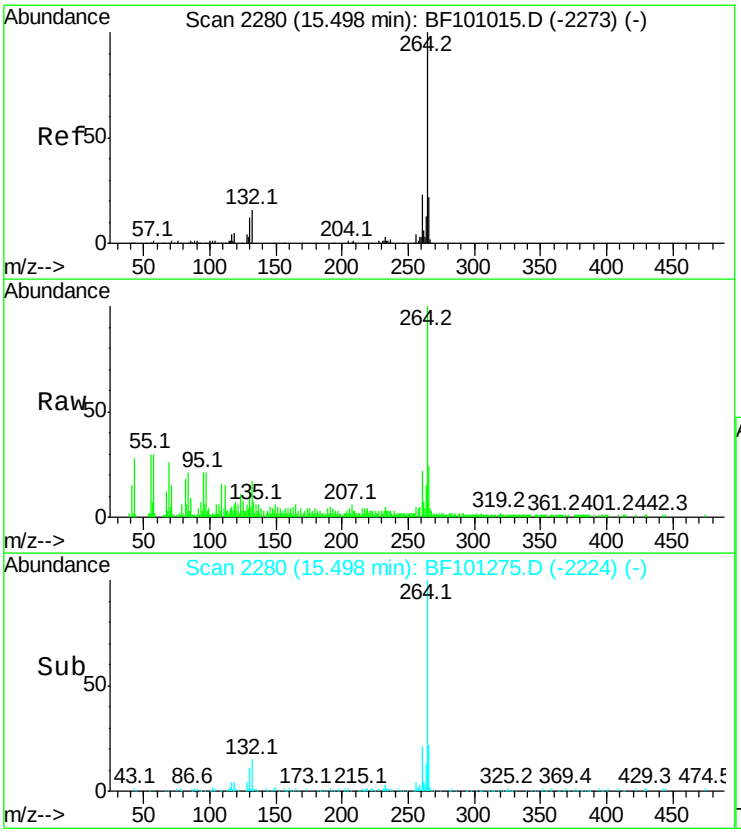
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.410 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 10692

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	31.9	20.1	30.1#

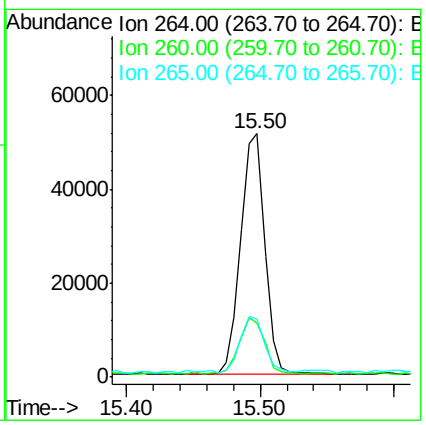


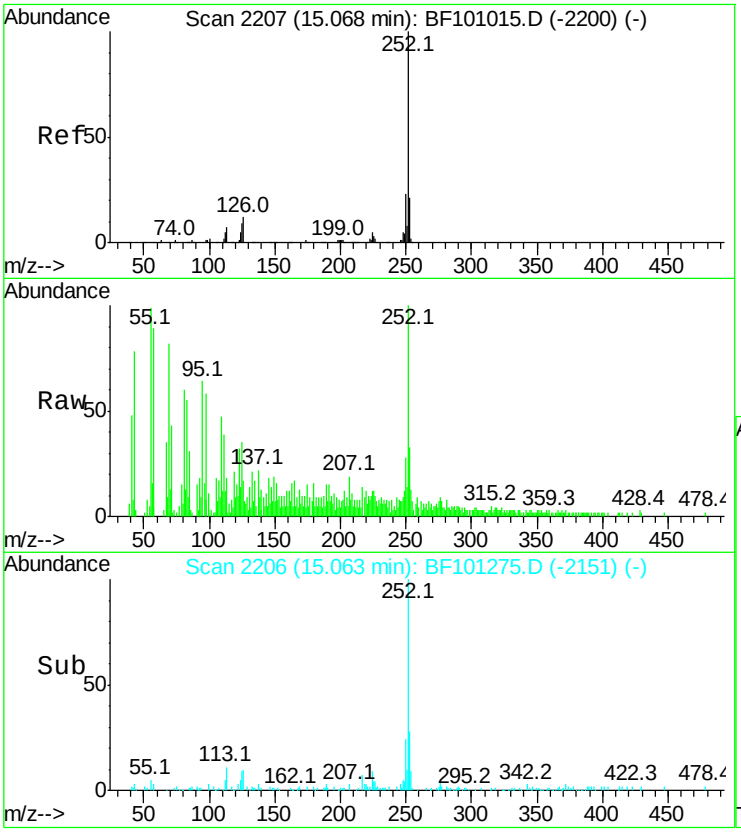


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:264 Resp: 64777

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	23.9	17.5	26.3



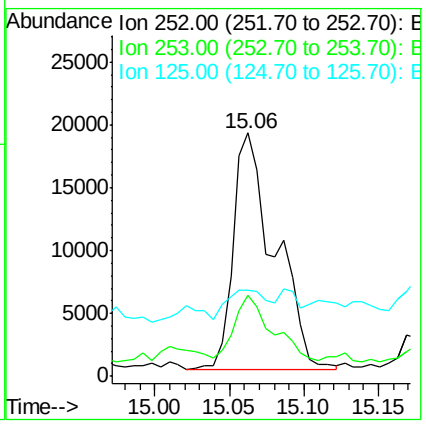


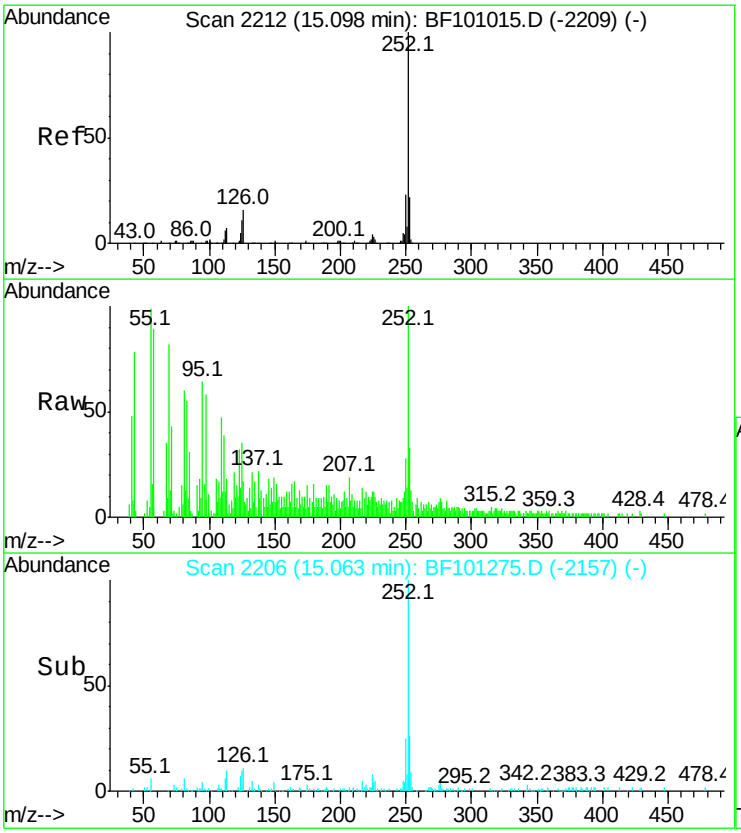
#87
Benzo(b)fluoranthene
Concen: 9.377 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36383

Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.0	25.6#
125	35.4	9.0	13.6#

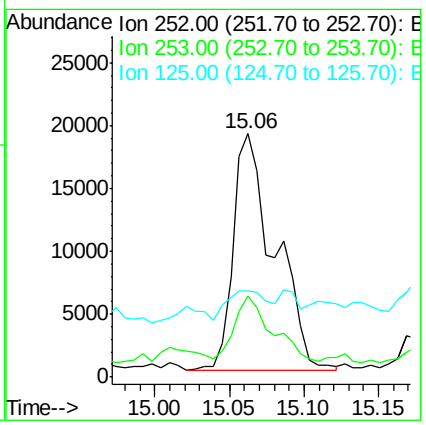


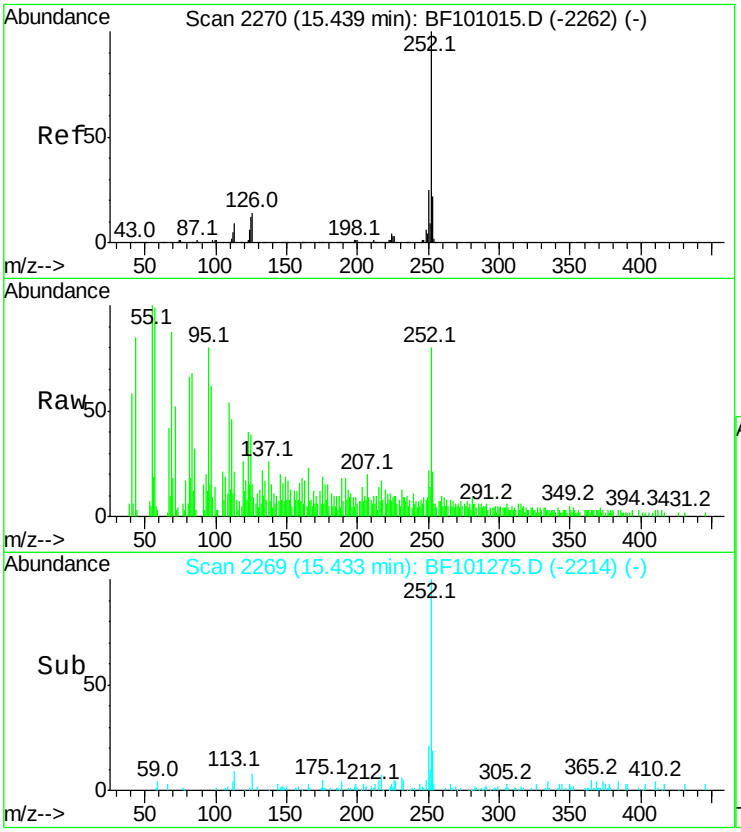


#88
Benzo(k)fluoranthene
Concen: 9.518 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:252 Resp: 36383

Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.9	26.9#
125	35.4	10.2	15.2#



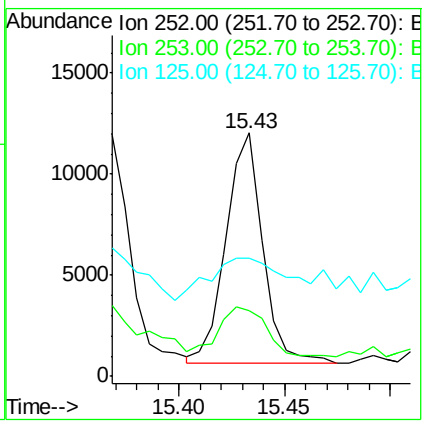


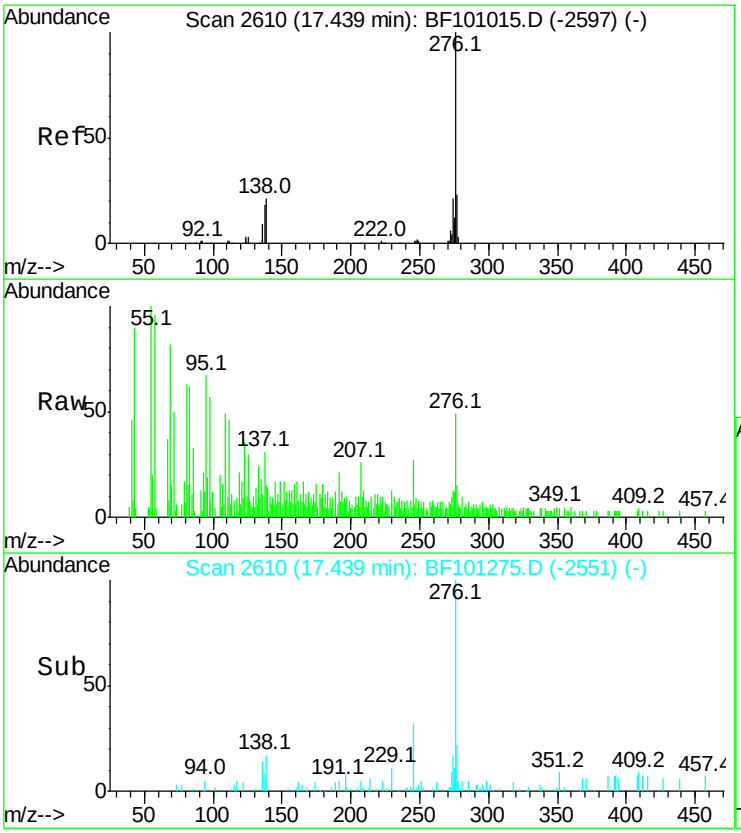
#89
Benzo(a)pyrene
Concen: 3.873 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 13663

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.1	25.7#
125	48.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.605 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.05 min
Lab File: BF101275.D
Acq: 9 Dec 2017 10:39

Tgt Ion:276 Resp: 10564

Ion	Ratio	Lower	Upper
276	100		
277	31.9	17.9	26.9#
138	31.8	21.8	32.8