Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112741.D
Acq On : 28 Feb 2019 1:42
Operator : JU/SJ
Sample : K1595-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-E-WALL-GRADE-BEAM

Quant Time: Feb 28 04:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	200595	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	734848	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	312924	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	603150	20.00	ng		0.00
76) Chrysene-d12	13.87	240	490122	20.00	ng		0.00
87) Perylene-d12	15.28	264	358744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1116368	86.57	ng		0.00
7) Phenol-d6	6.37	99	1420691	87.70	ng		0.00
23) Nitrobenzene-d5	7.30	82	825639	67.23	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	320371	96.44	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1265557	66.54	ng		0.00
79) Terphenyl-d14	12.83	244	1245606	49.27	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	54028	2.858	ng		85
19) n-Nitroso-di-n-propylamine	7.30	70	110573	10.778	ng	#	79
25) Isophorone	7.30	82	820671	31.019	ng	#	66
50) Dimethylphthalate	9.49	163	114991	4.984	ng		100
65) 4,6-Dinitro-2-methylphenol	10.55	198	670	4.857	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	18287	2.878	ng	#	1
71) Phenanthrene	11.27	178	604971	20.160	ng		98
72) Anthracene	11.32	178	131491	4.186	ng		99
73) Carbazole	11.47	167	65154	2.126	ng		98
75) Fluoranthene	12.46	202	781173	24.297	ng		97
78) Pyrene	12.68	202	695377	16.830	ng		99
80) Butylbenzylphthalate	13.30	149	125532	6.883	ng		100
81) Benzo(a)anthracene	13.86	228	341159	10.043	ng		99
83) Chrysene	13.90	228	302800	9.100	ng		96
88) Benzo(b)fluoranthene	14.88	252	418493	18.035	ng		96
89) Benzo(k)fluoranthene	14.88	252	418493	19.910	ng		96
90) Benzo(a)pyrene	15.22	252	213266	10.391	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	35705	2.039	ng	#	86
92) Benzo(g,h,i)perylene	17.04	276	127543	7.252	ng		98

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

Quantitation Report (Not Reviewed)

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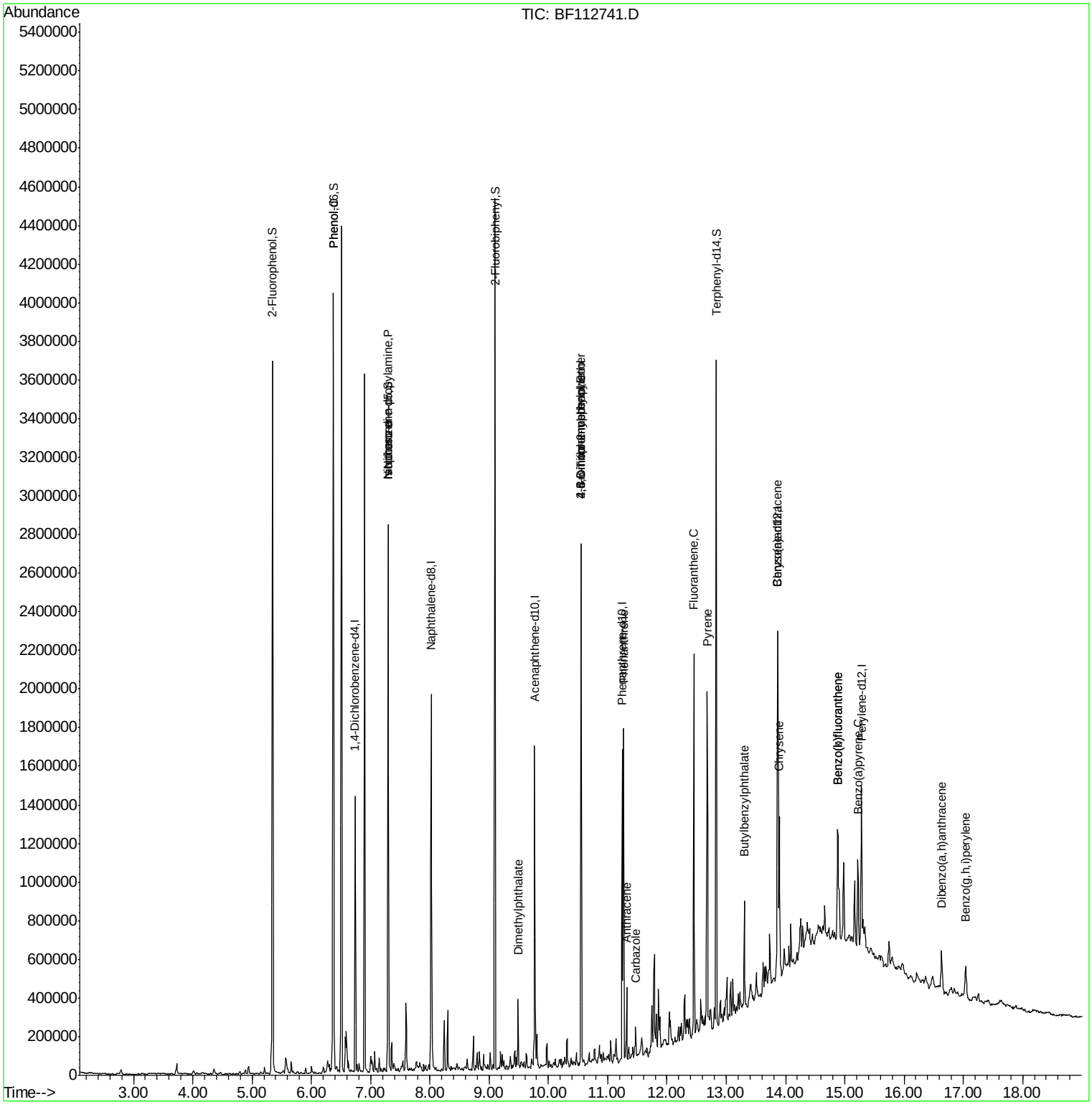
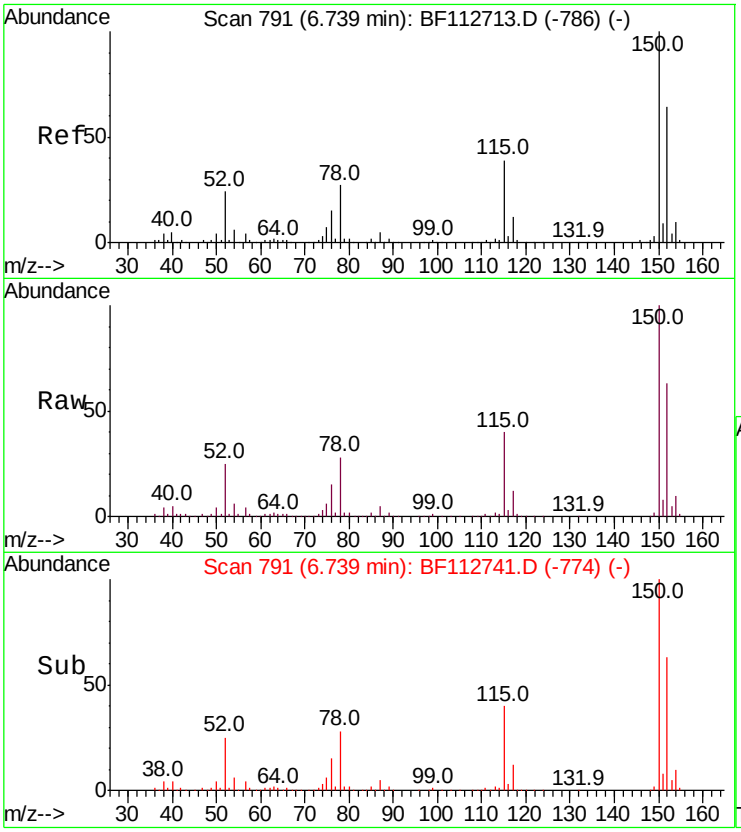
Operator : JU/SJ
Sample : K1595-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Quant Time: Feb 28 04:19:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



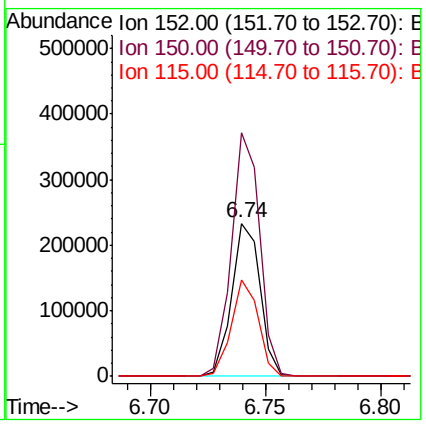


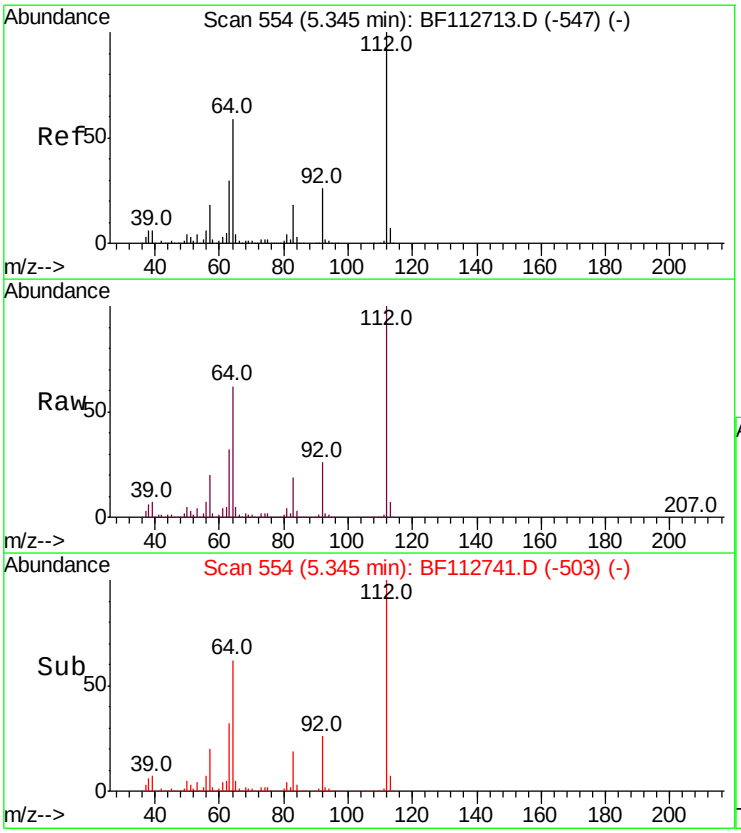
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:152 Resp: 200595

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.2	186.2
115	63.3	48.2	72.4

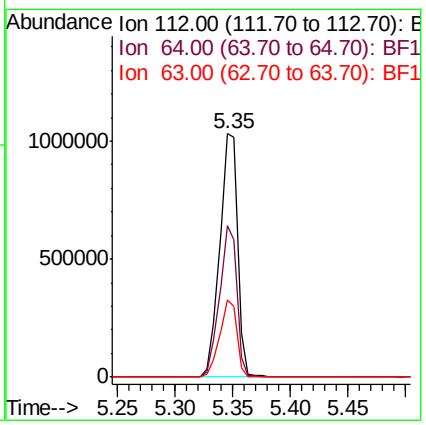


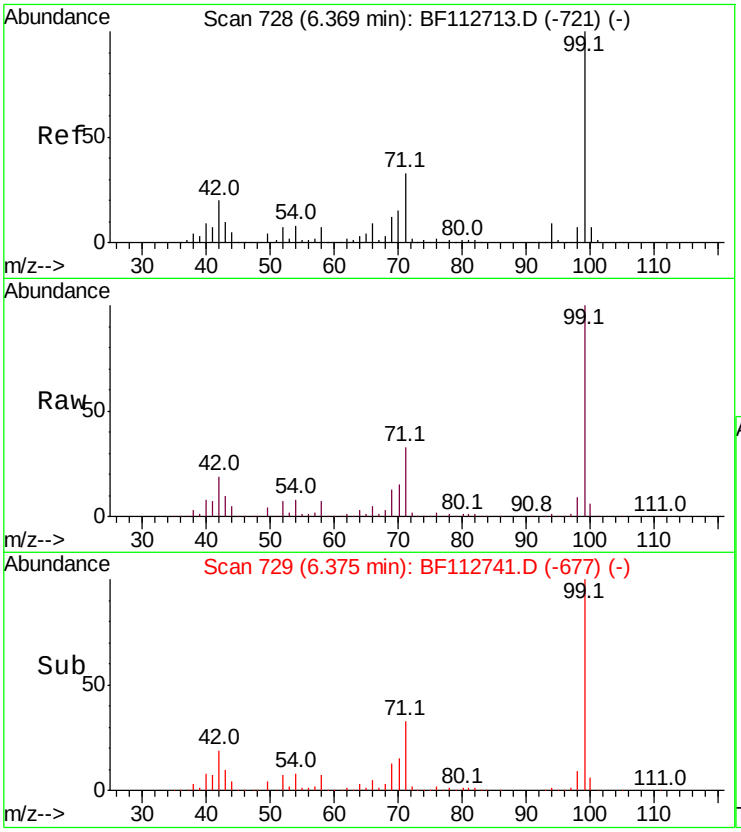


#5
2-Fluorophenol
Concen: 86.570 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:112 Resp: 1116368

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	31.9	24.4	36.6



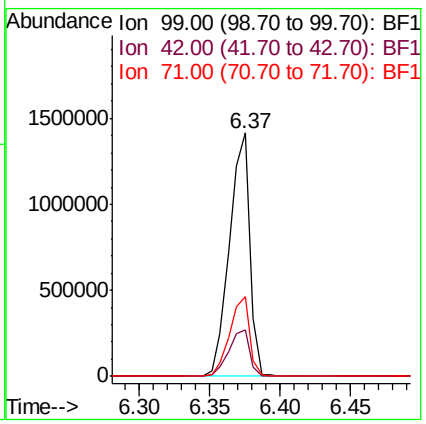


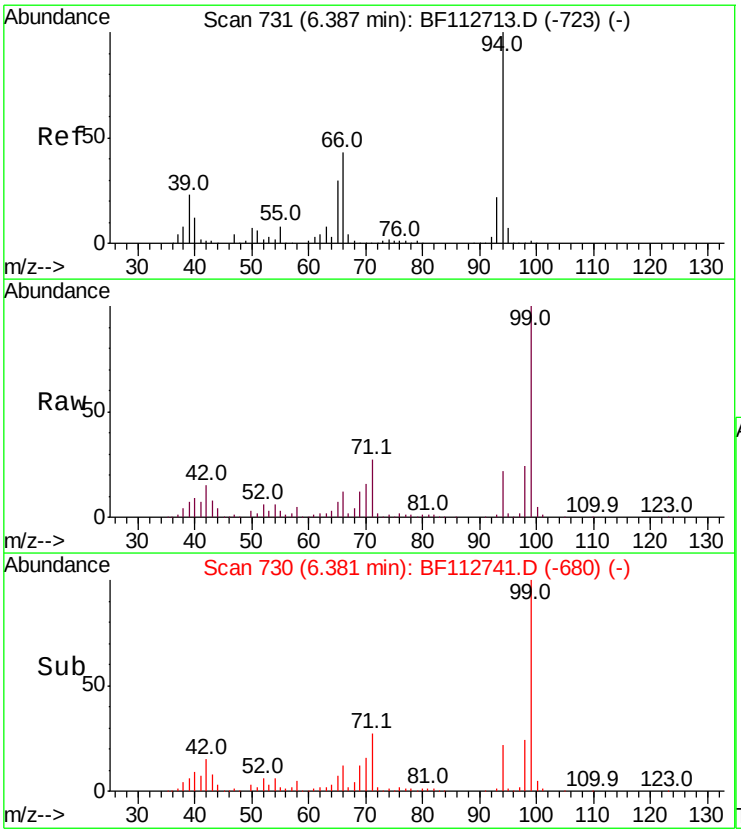
#7
Phenol-d6
Concen: 87.703 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion: 99 Resp: 1420691

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	32.6	26.2	39.4

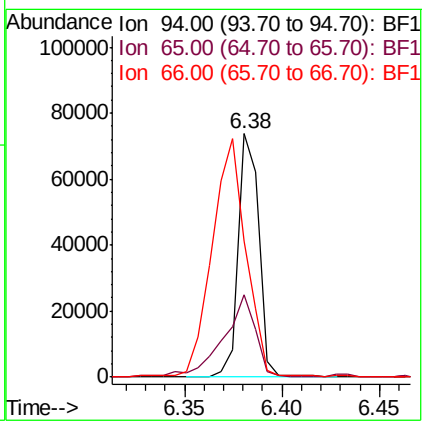


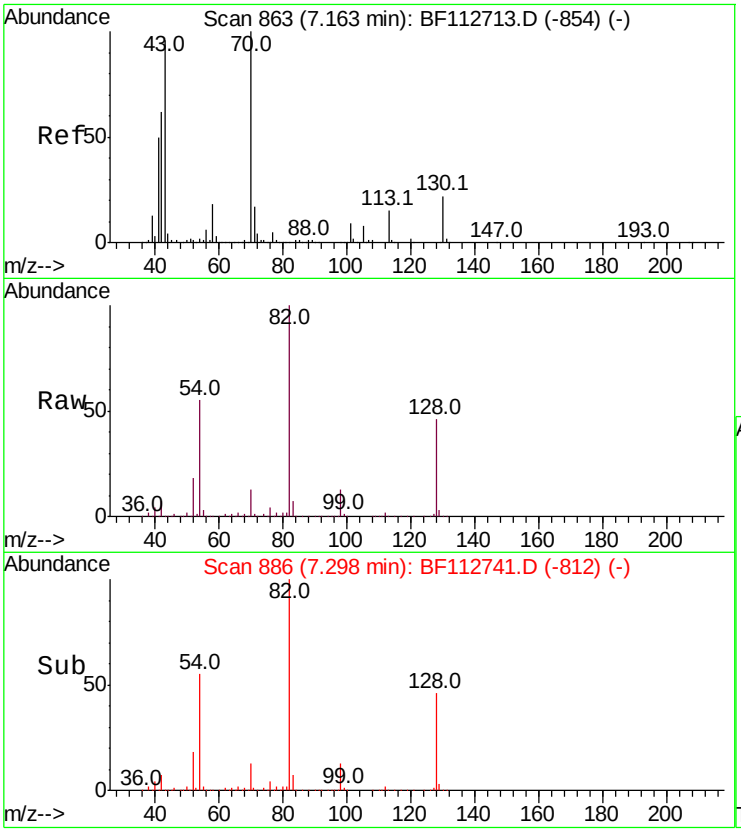


#10
Phenol
Concen: 2.858 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion: 94 Resp: 54028

Ion	Ratio	Lower	Upper
94	100		
65	34.1	10.5	50.5
66	55.9	22.6	62.6



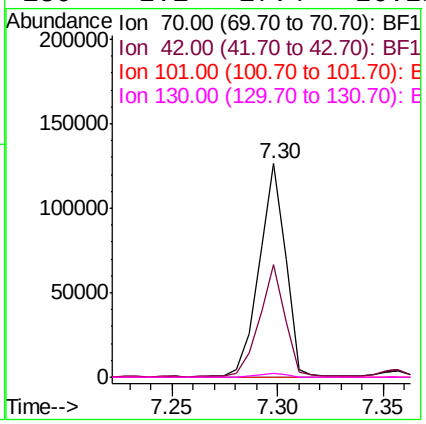


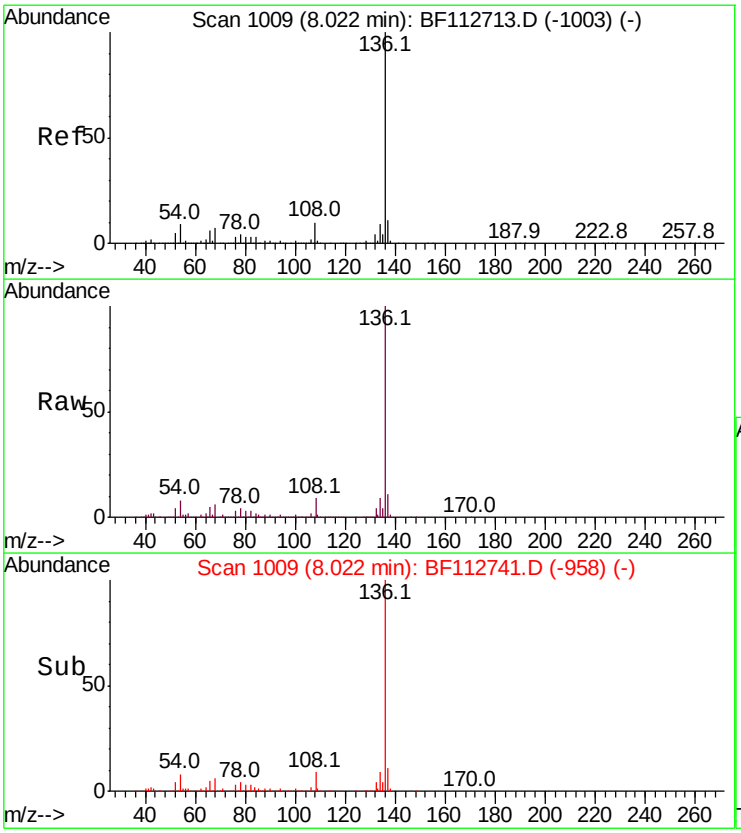
#19
n-Nitroso-di-n-propylamine
Concen: 10.778 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion: 70 Resp: 110573

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.9	74.9
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#

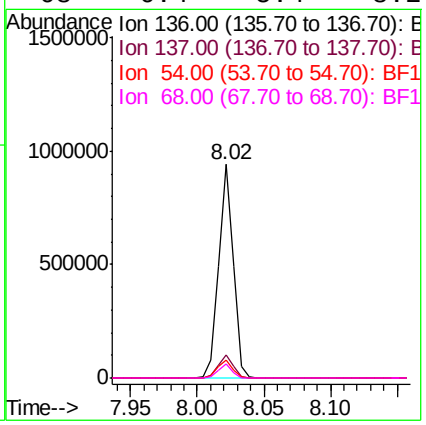


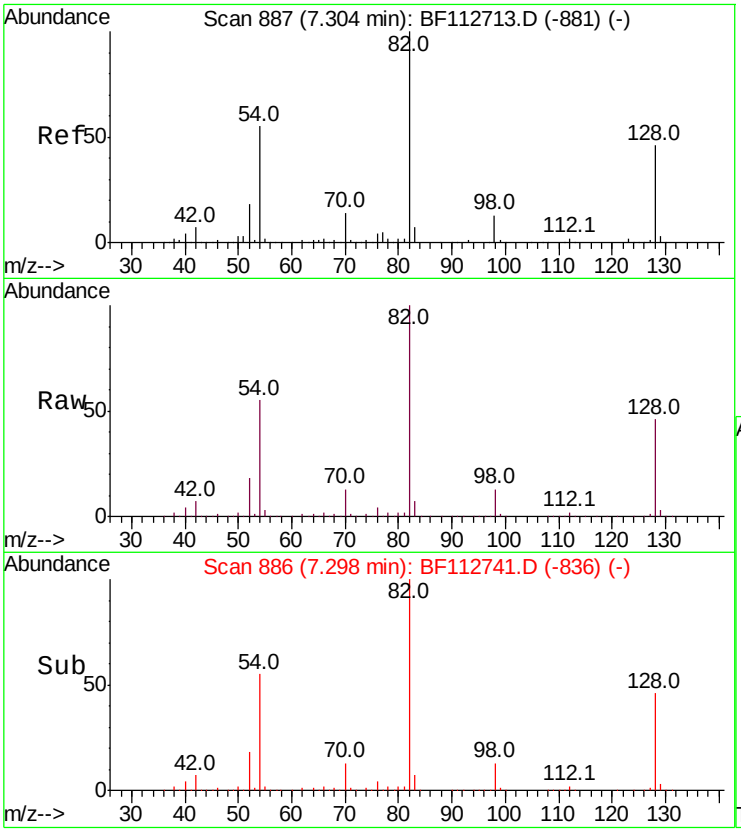


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:136 Resp: 734848

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.4	5.4	8.2



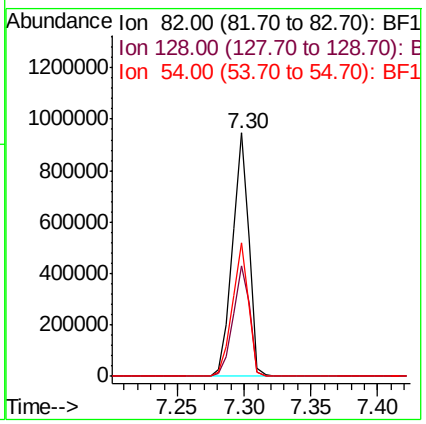


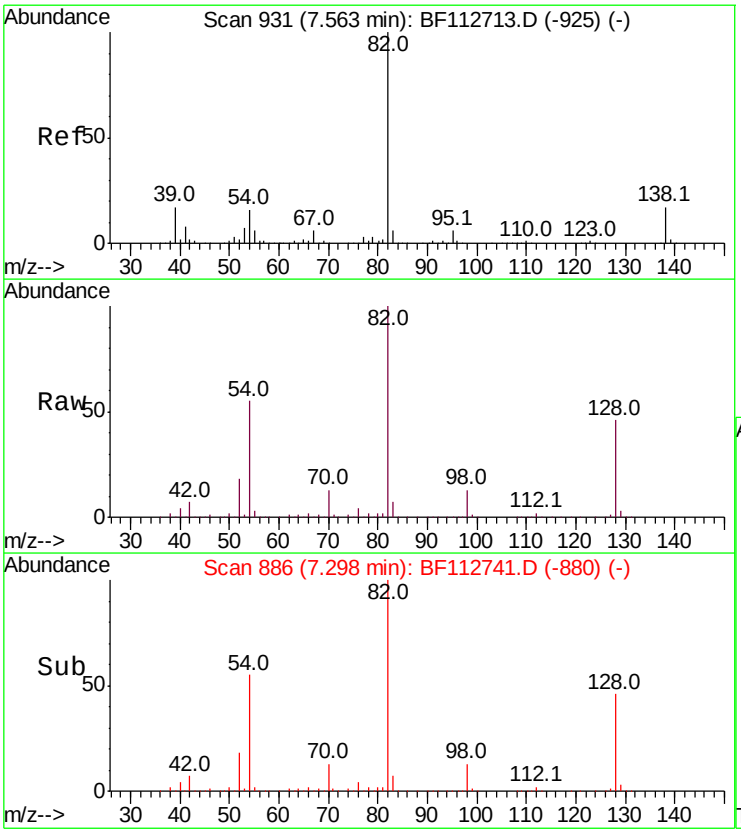
#23
Nitrobenzene-d5
Concen: 67.231 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion: 82 Resp: 825639

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	54.8	43.7	65.5

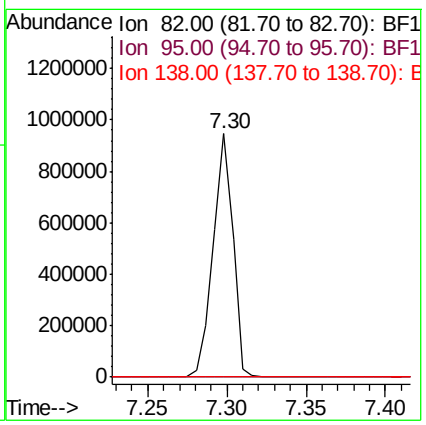


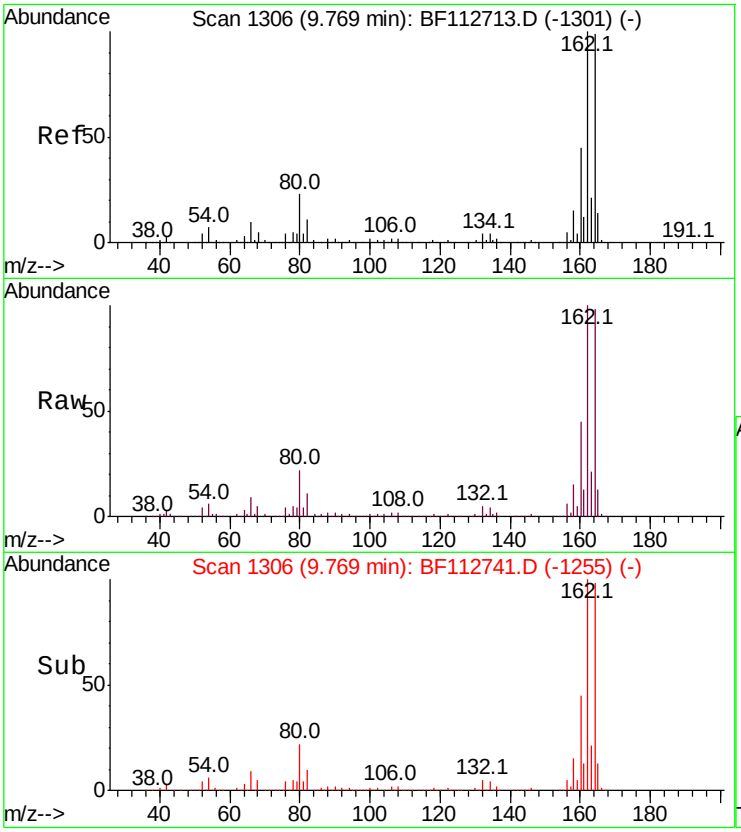


#25
Isophorone
Concen: 31.019 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion: 82 Resp: 820671

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



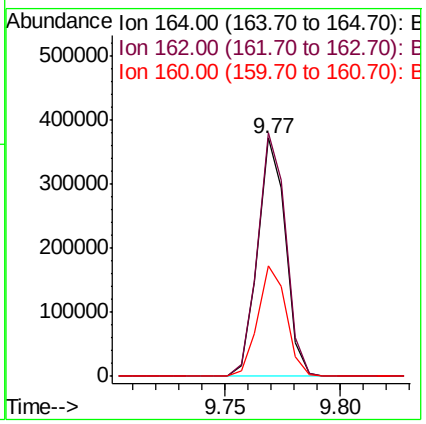


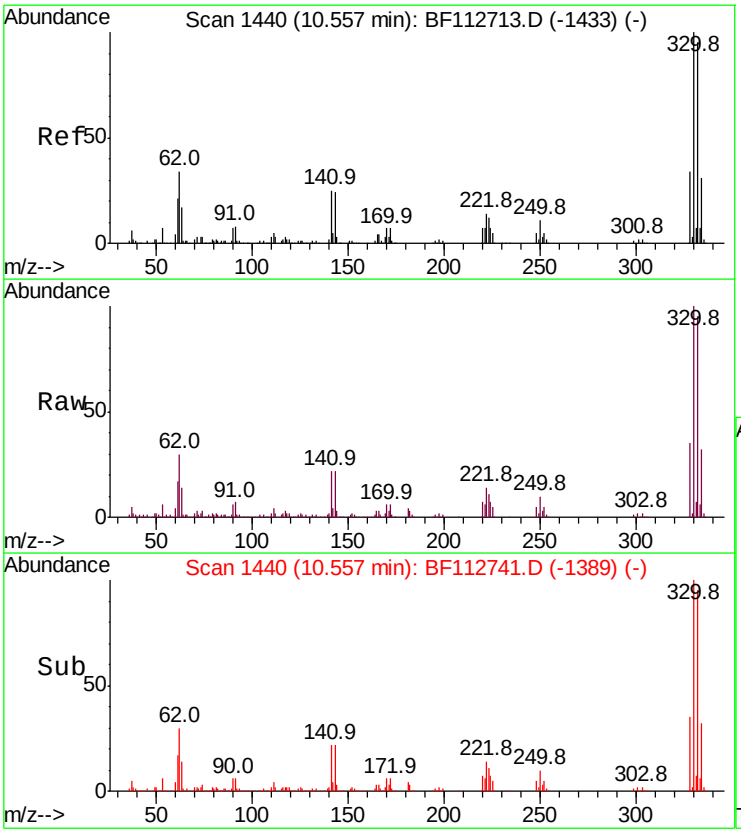
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:164 Resp: 312924

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.3	36.0	54.0

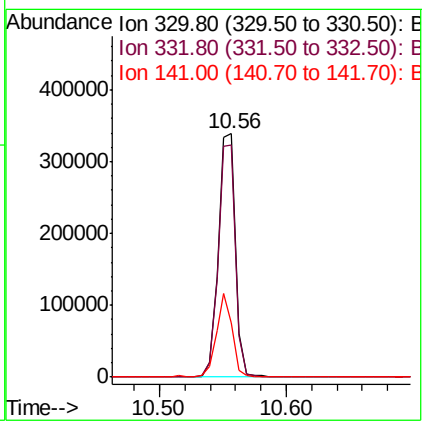


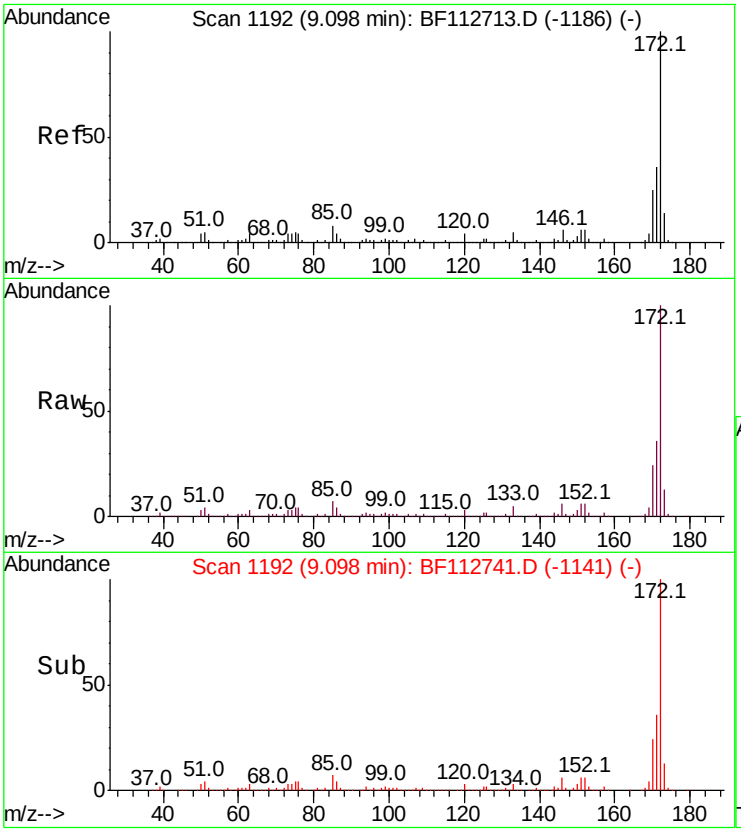


#42
2,4,6-Tribromophenol
Concen: 96.437 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:330 Resp: 320371

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	30.6	27.0	40.6



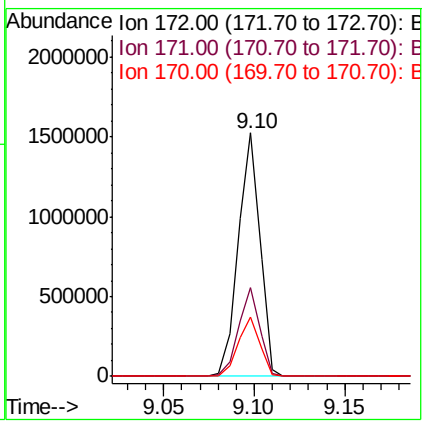


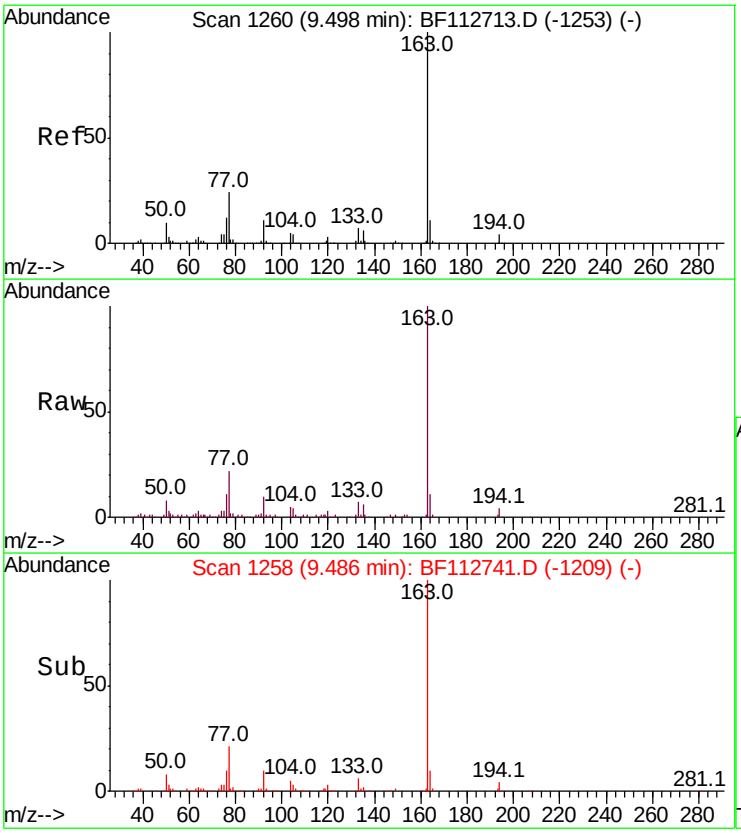
#45
2-Fluorobiphenyl
Concen: 66.542 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:172 Resp: 1265557

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	20.0	30.0

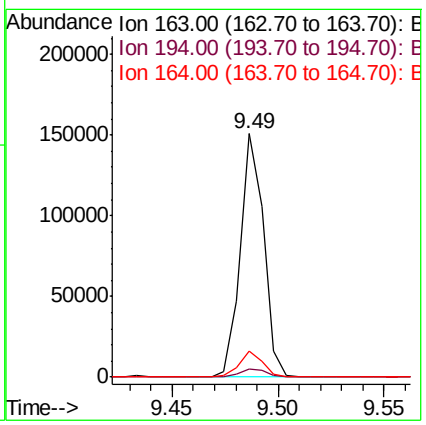


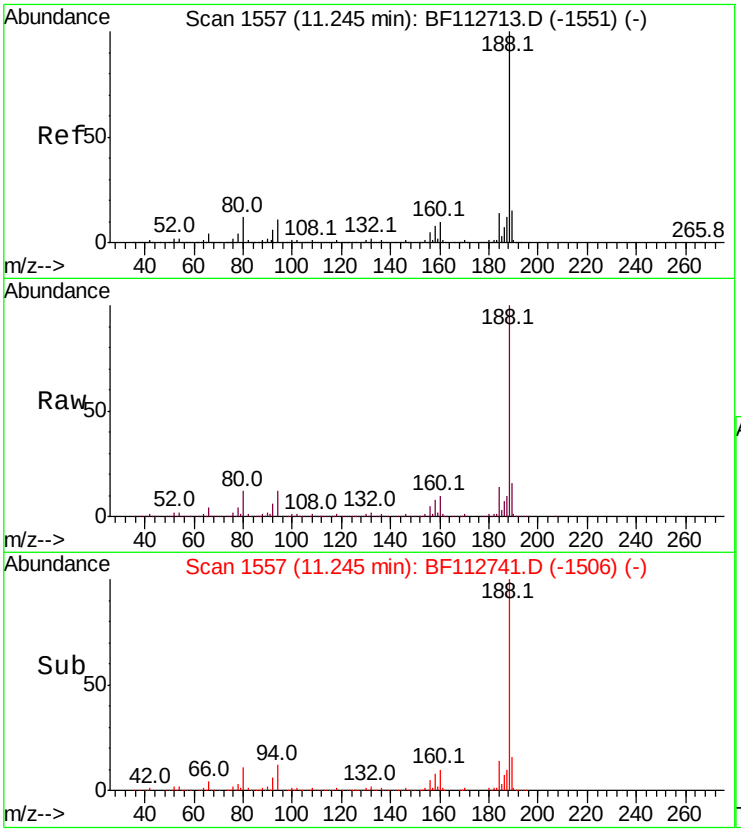


#50
Dimethylphthalate
Concen: 4.984 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:163 Resp: 114991

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.5	8.4	12.6



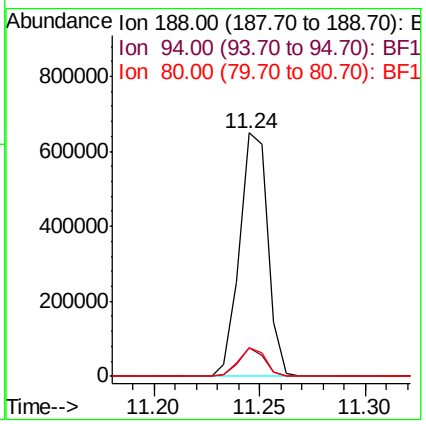


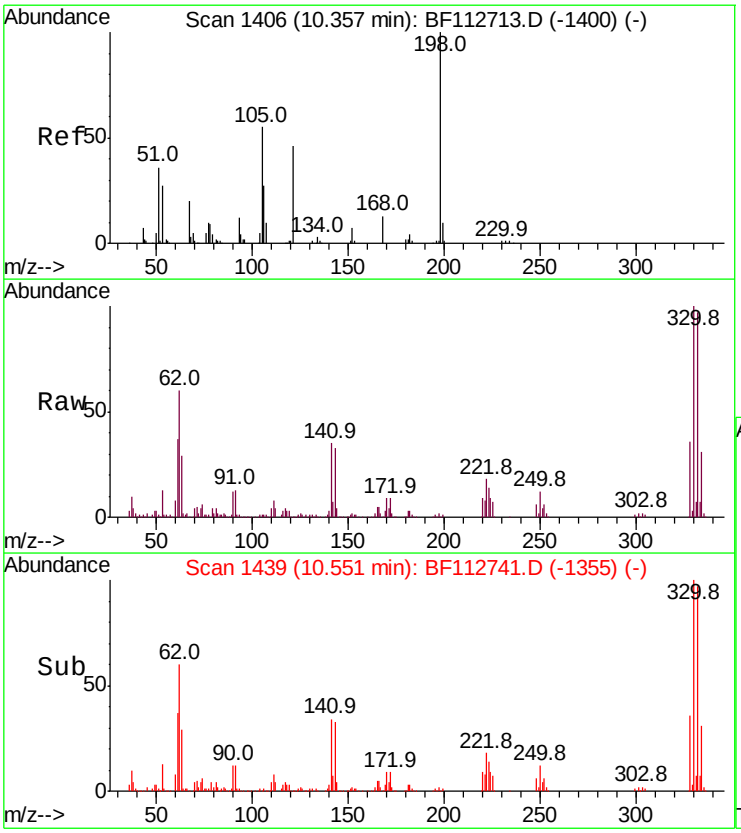
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:188 Resp: 603150

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.4
80	11.5	9.2	13.8

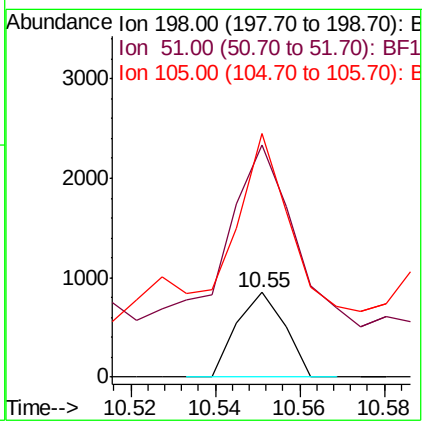


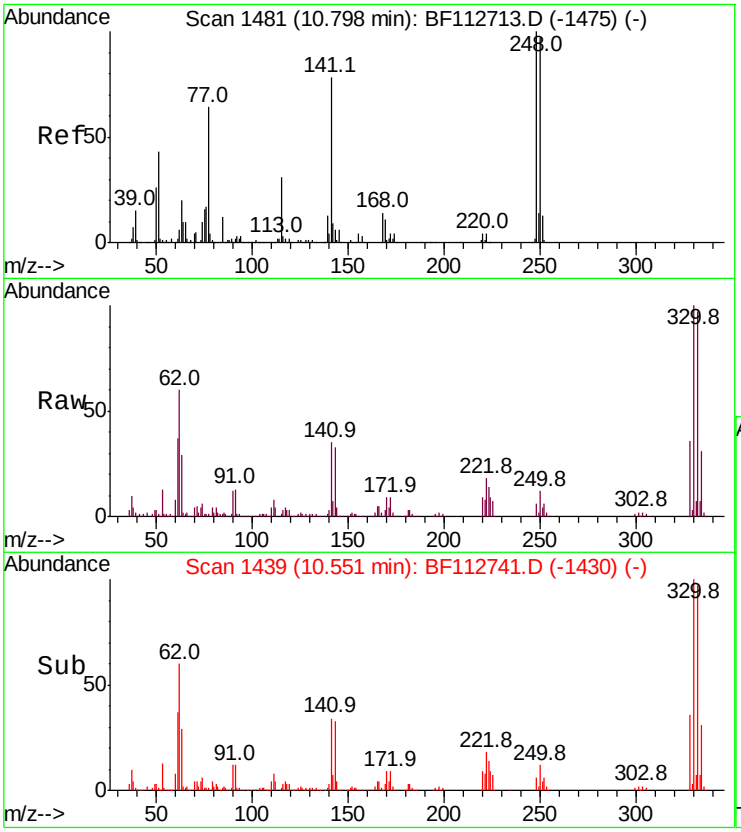


#65
4,6-Dinitro-2-methylphenol
Concen: 4.857 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:198 Resp: 670

Ion	Ratio	Lower	Upper
198	100		
51	273.7	43.8	83.8#
105	287.4	36.5	76.5#



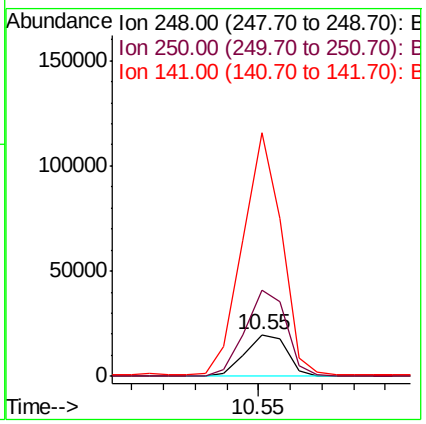


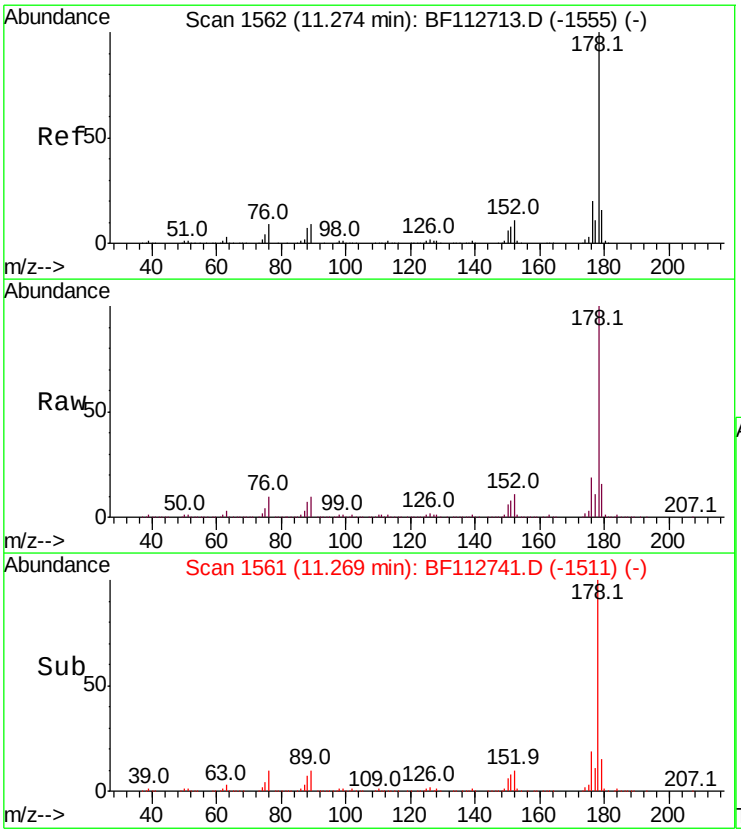
#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:248 Resp: 18287

Ion	Ratio	Lower	Upper
248	100		
250	208.7	77.5	116.3#
141	587.9	62.4	93.6#

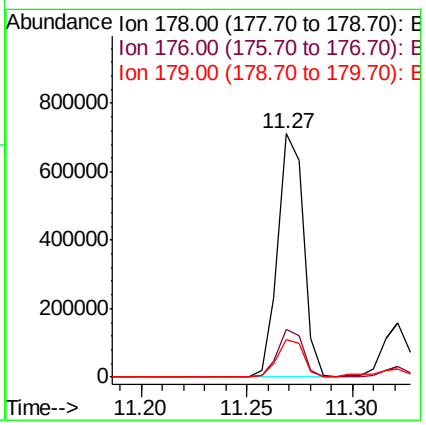


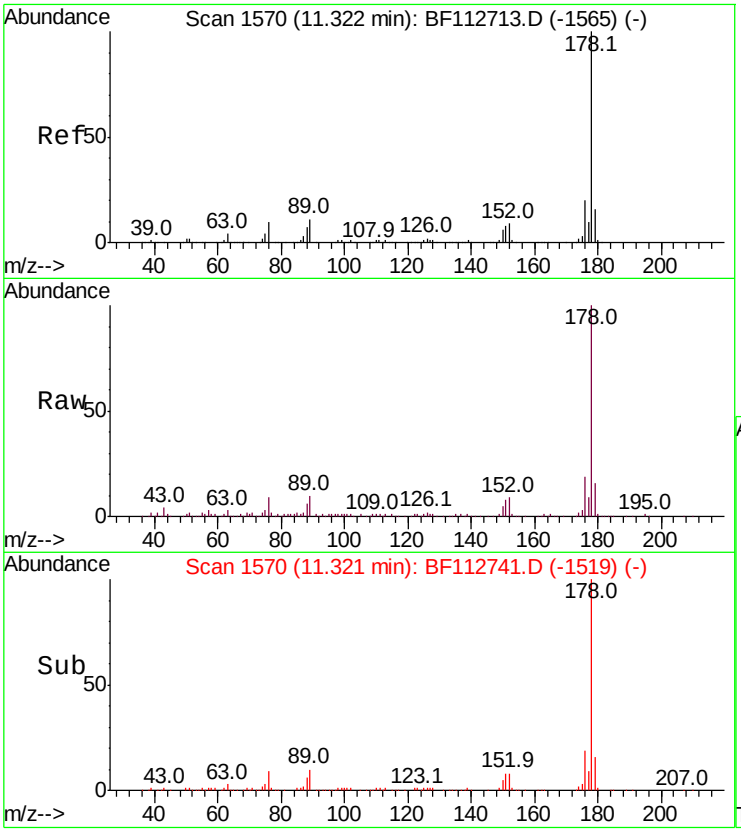


#71
Phenanthrene
Concen: 20.160 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:178 Resp: 604971

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.5	12.7	19.1



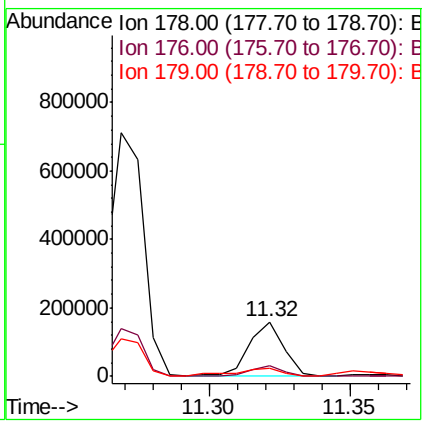


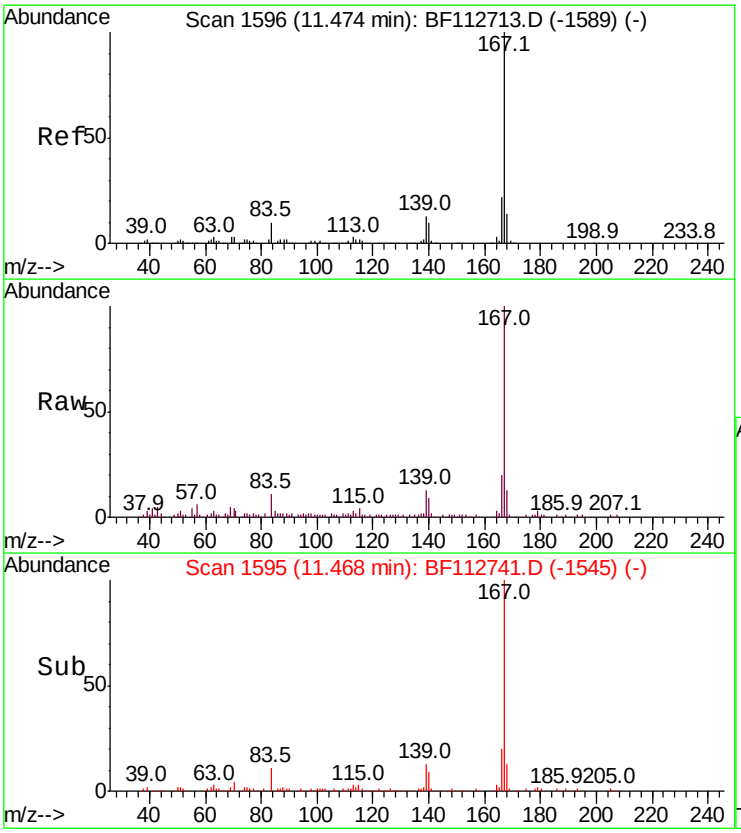
#72
Anthracene
Concen: 4.186 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:178 Resp: 131491

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	13.0	19.6

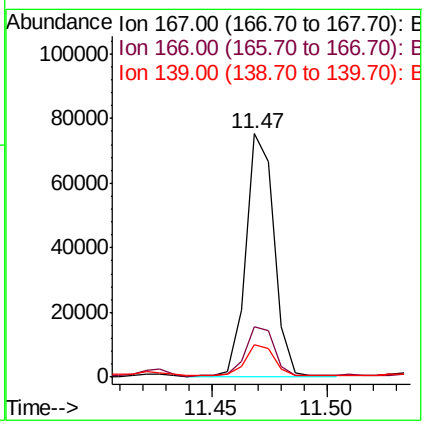


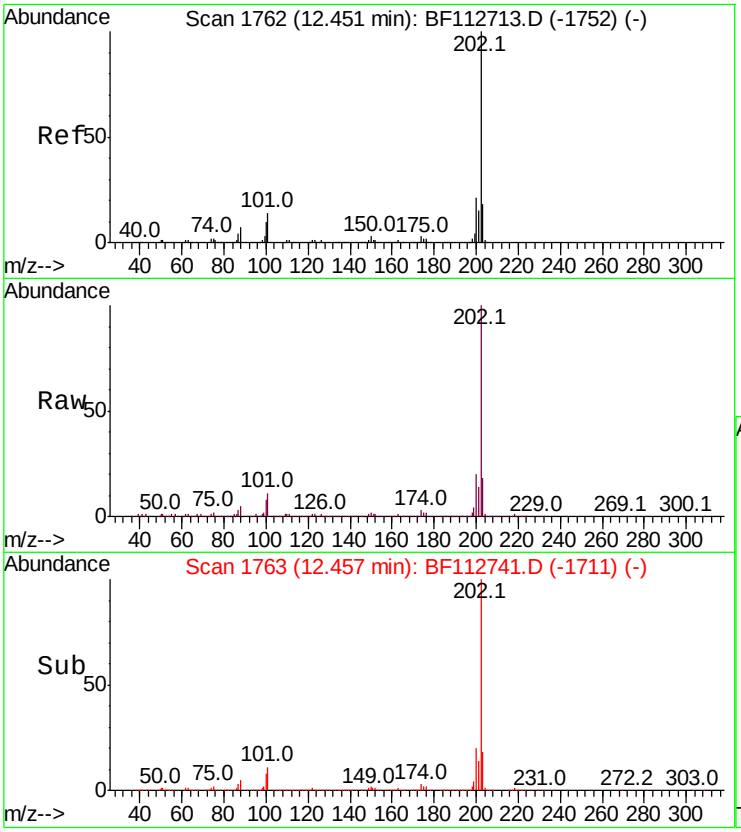


#73
Carbazole
Concen: 2.126 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:167 Resp: 65154

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.5	26.3
139	13.1	10.8	16.2



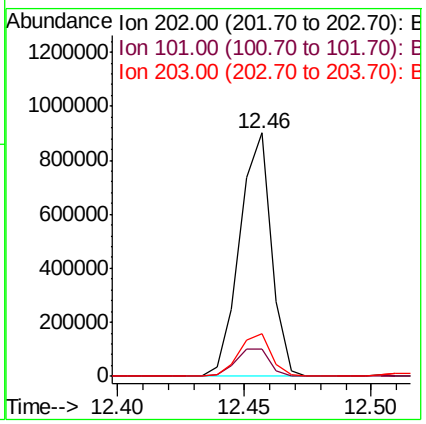


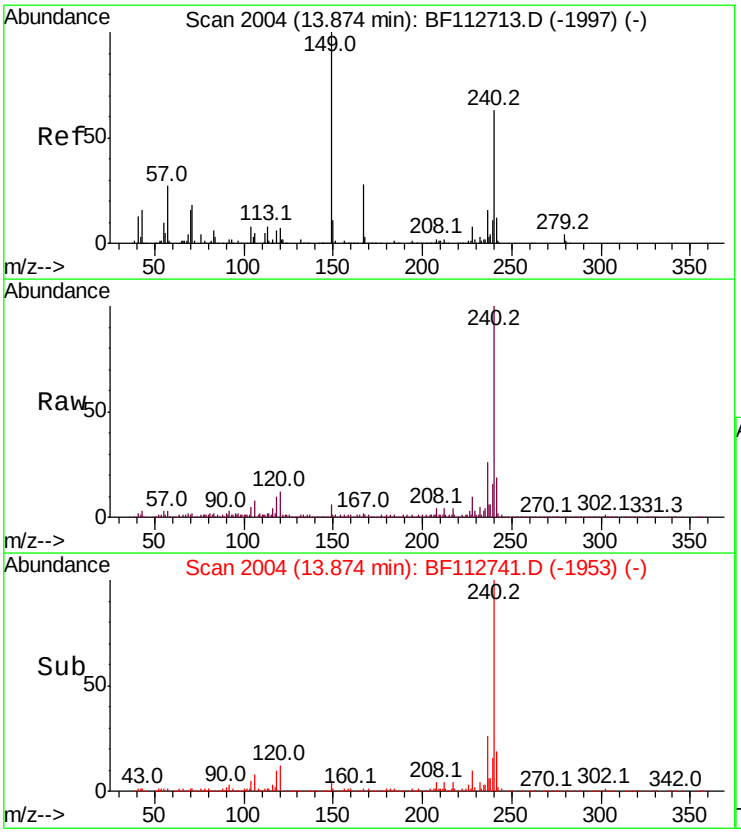
#75
Fluoranthene
Concen: 24.297 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:202 Resp: 781173

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.7	0.0	38.4

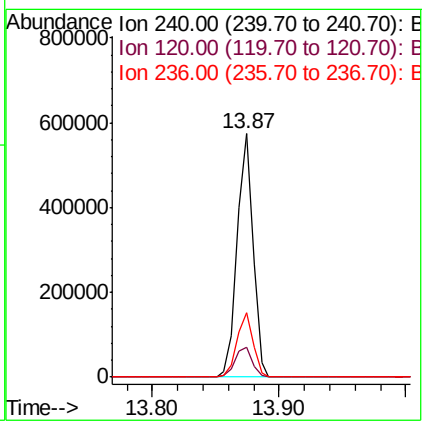


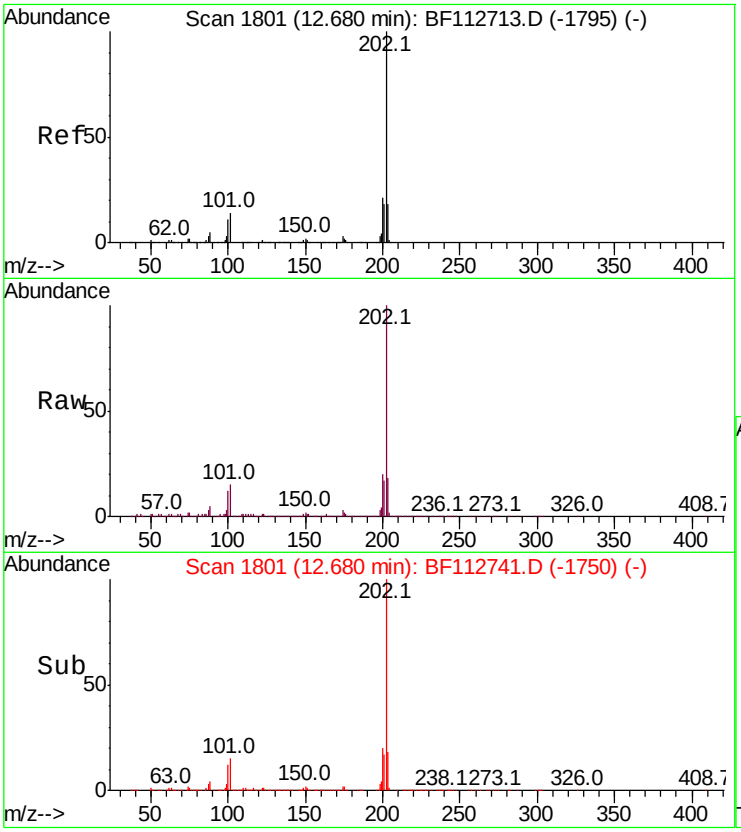


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:240 Resp: 490122

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.4	20.7	31.1



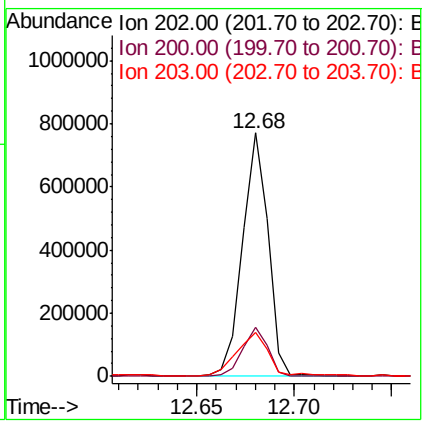


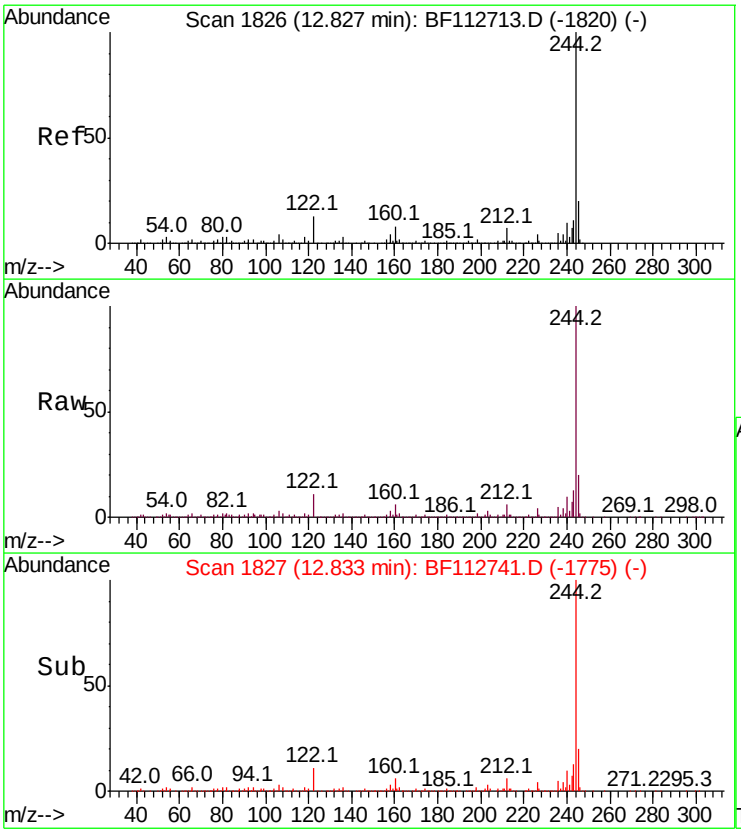
#78
Pyrene
Concen: 16.830 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:202 Resp: 695377

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.0	14.4	21.6

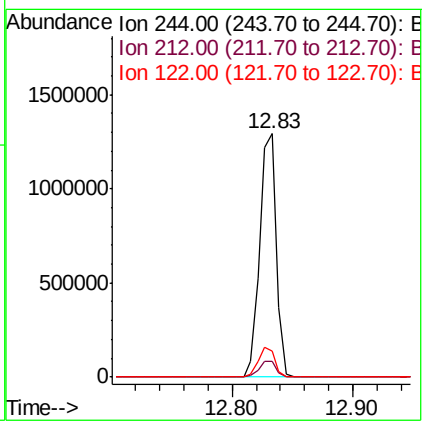


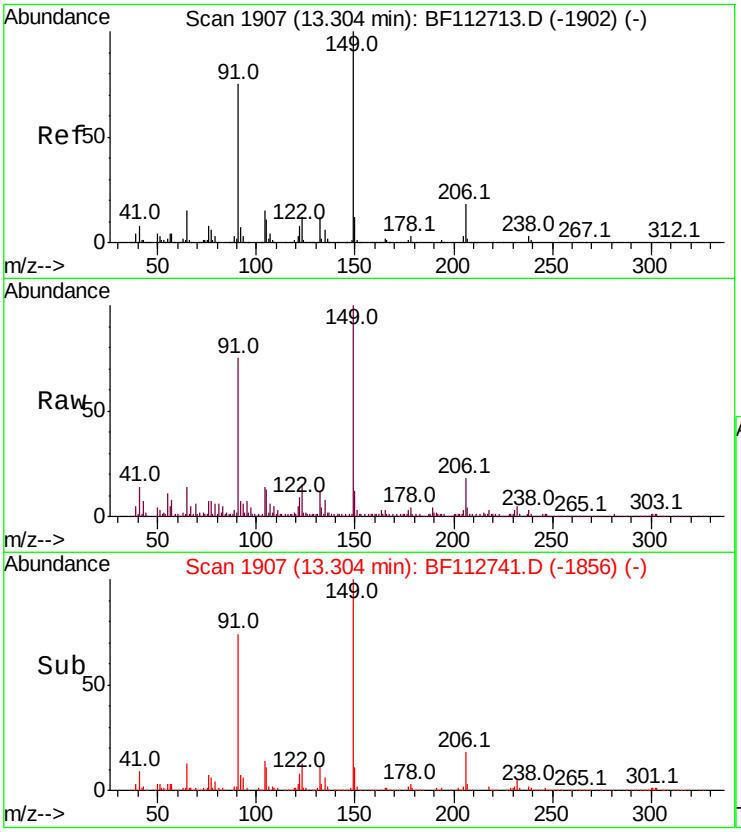


#79
Terphenyl-d14
Concen: 49.265 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:244 Resp: 1245606

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.7	10.5	15.7



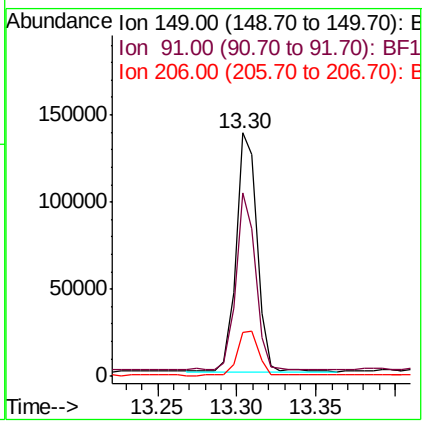


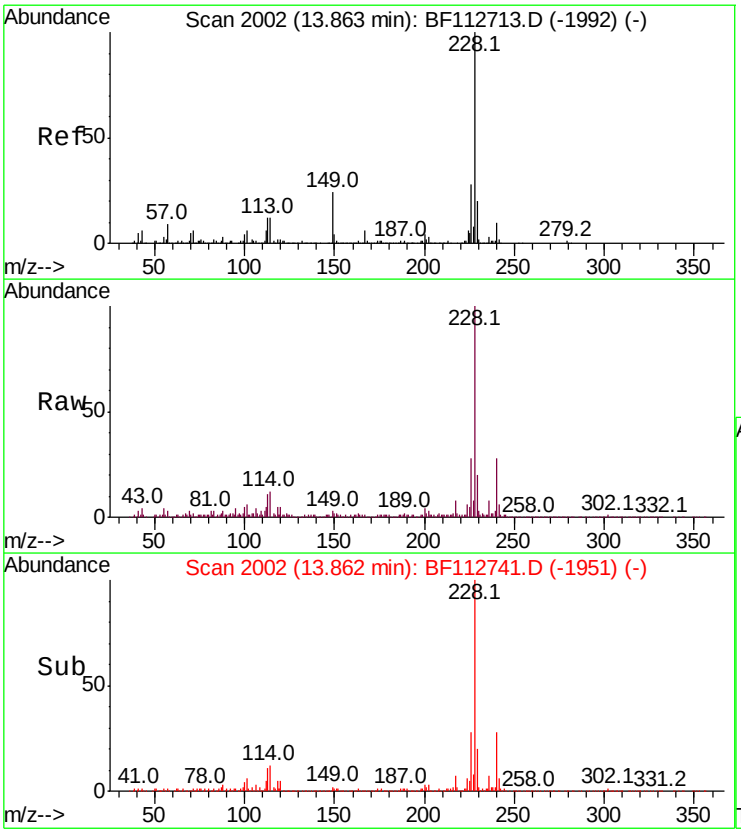
#80
Butylbenzylphthalate
Concen: 6.883 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:149 Resp: 125532

Ion	Ratio	Lower	Upper
149	100		
91	75.2	59.9	89.9
206	18.3	14.7	22.1

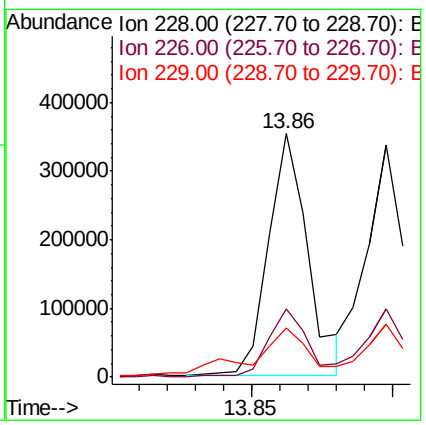


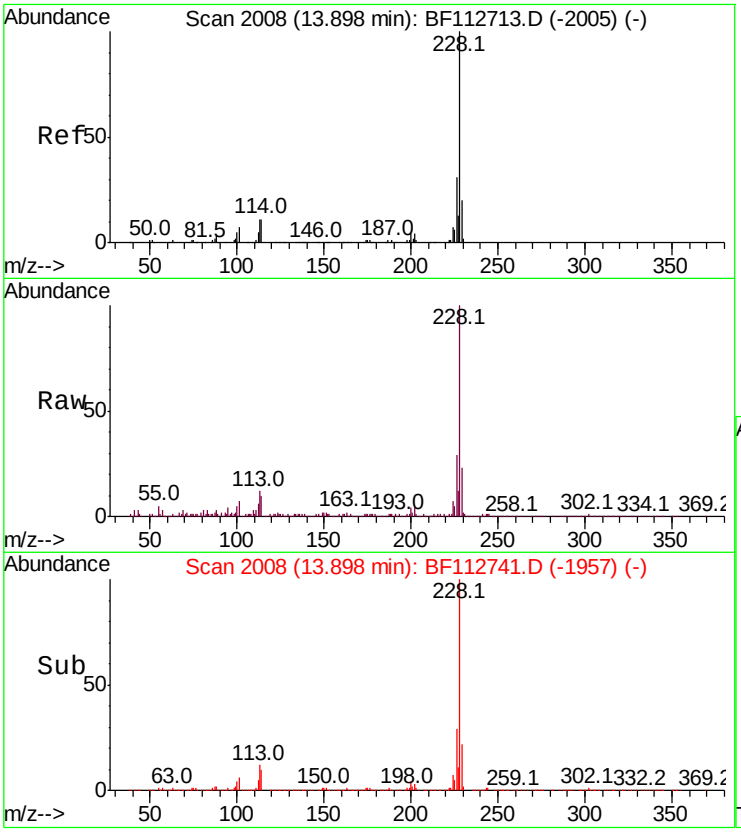


#81
Benzo(a)anthracene
Concen: 10.043 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:228 Resp: 341159

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.2	16.0	24.0



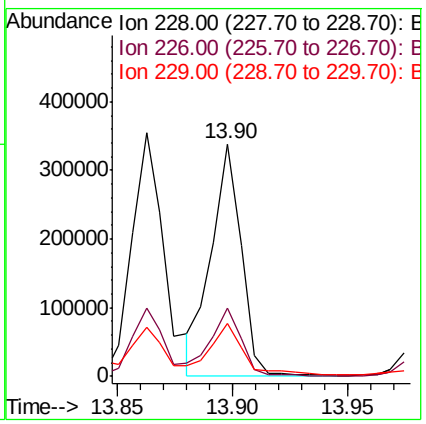


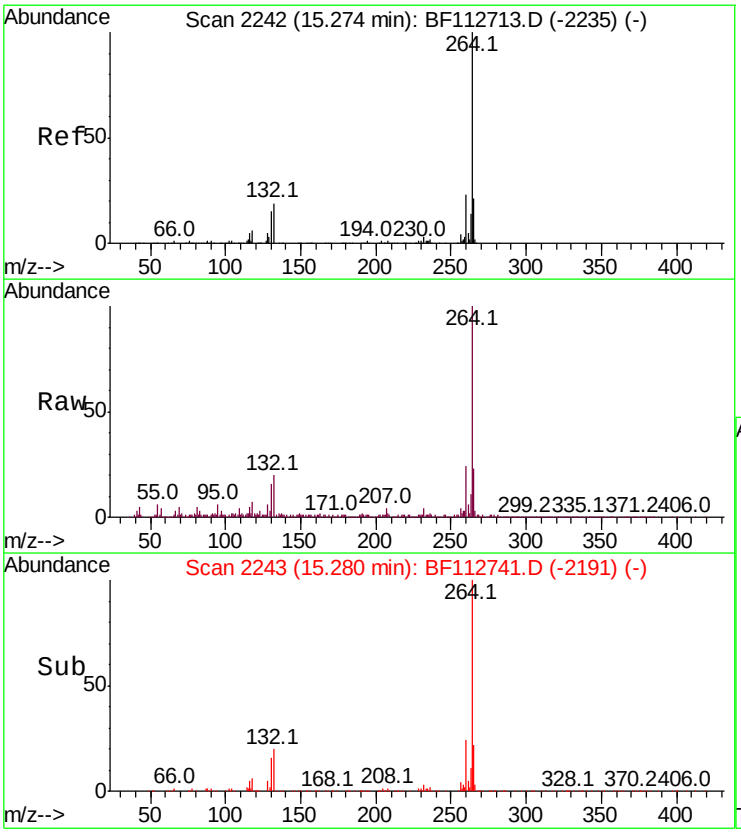
#83
Chrysene
Concen: 9.100 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:228 Resp: 302800

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	22.8	16.3	24.5

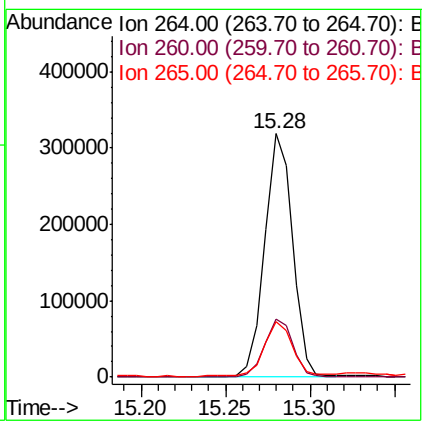


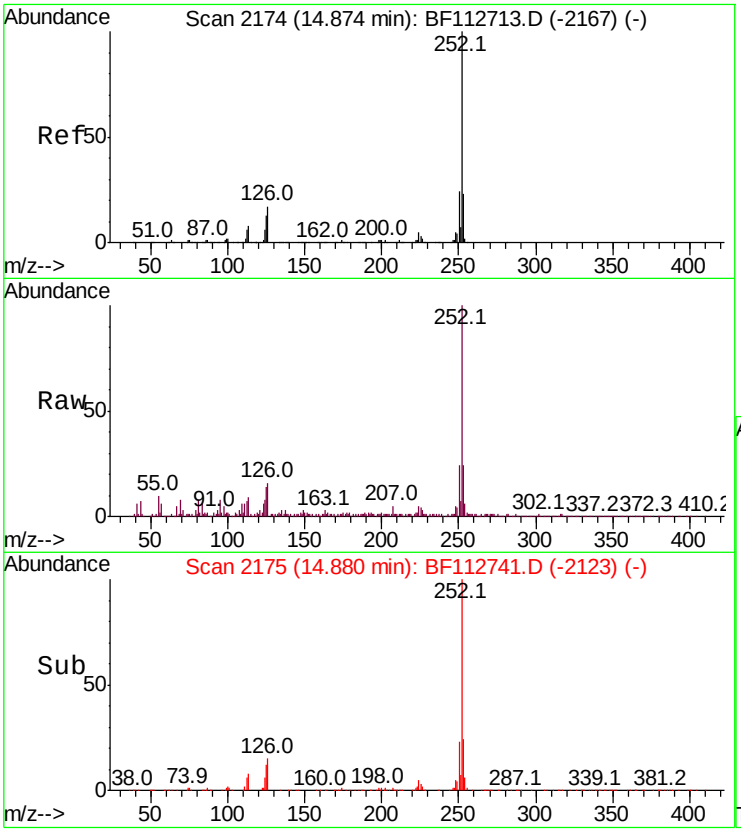


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:264 Resp: 358744

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.7	17.2	25.8



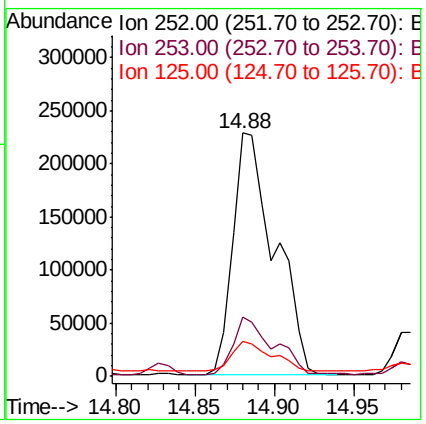


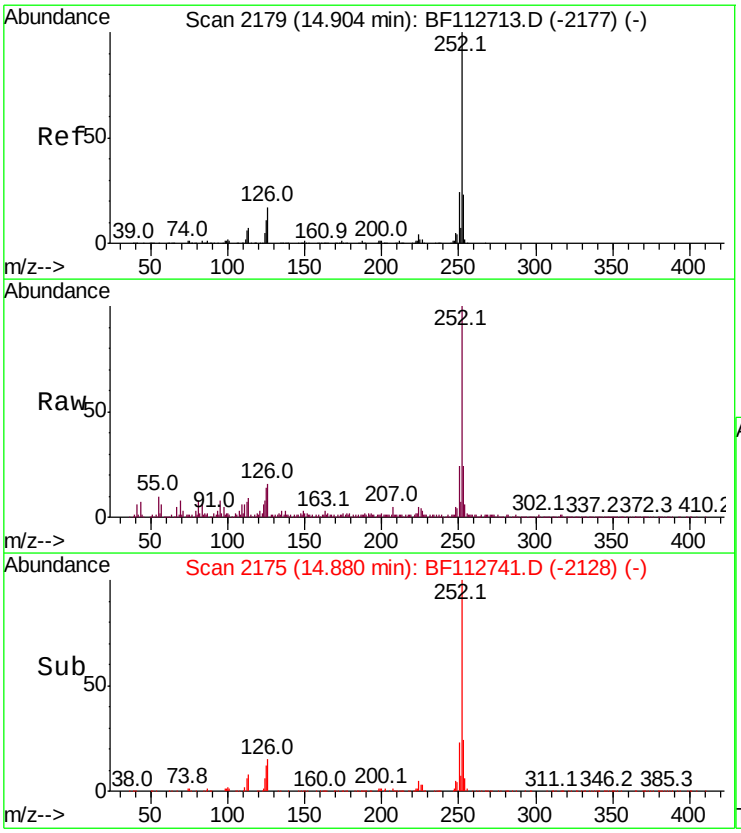
#88
Benzo(b)fluoranthene
Concen: 18.035 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:252 Resp: 418493

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	14.3	10.2	15.2

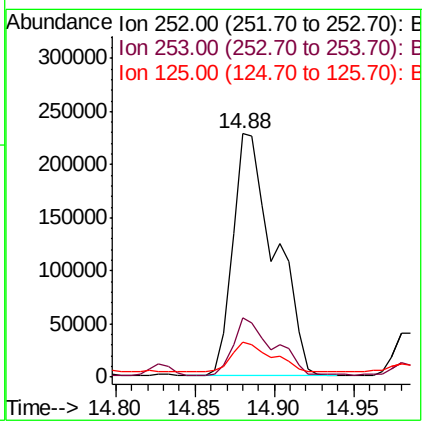


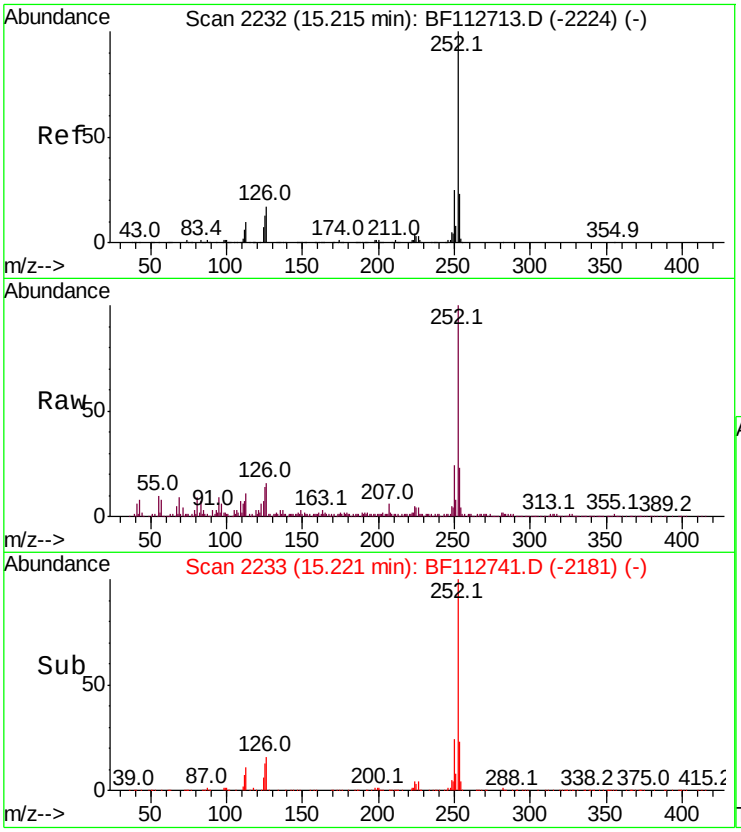


#89
Benzo(k)fluoranthene
Concen: 19.910 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:252 Resp: 418493

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	14.3	9.8	14.6



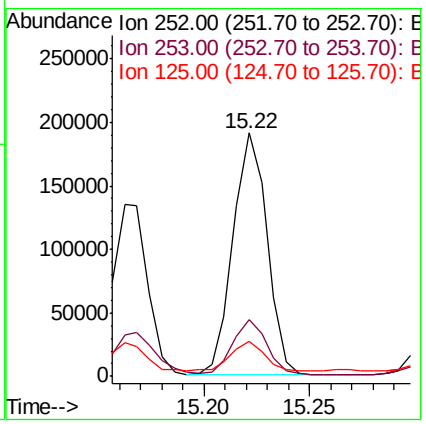


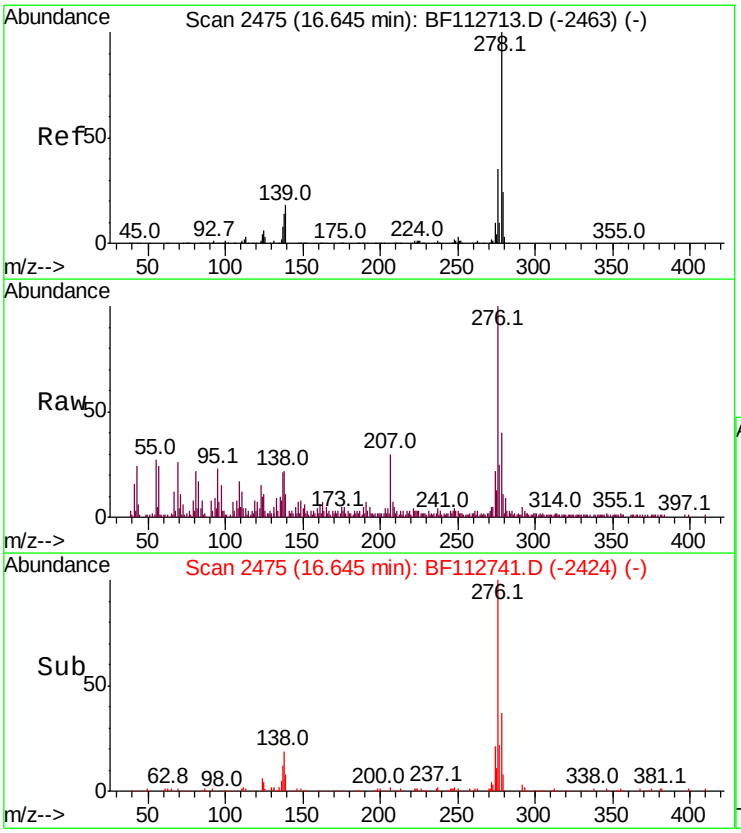
#90
Benzo(a)pyrene
Concen: 10.391 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:252 Resp: 213266

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.3	10.7	16.1

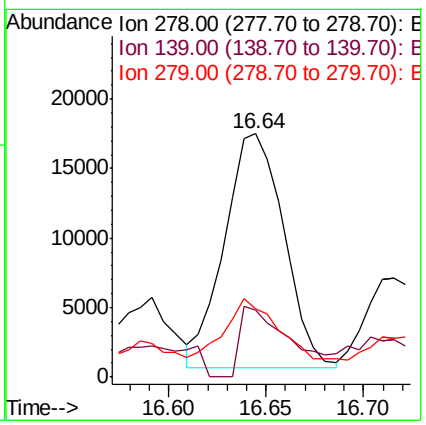


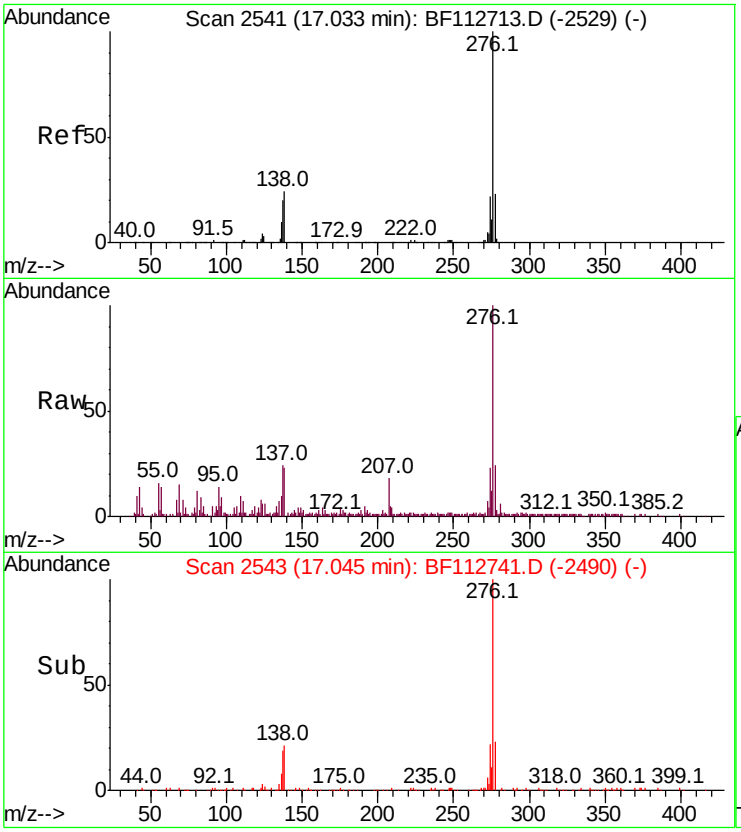


#91
Dibenzo(a,h)anthracene
Concen: 2.039 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Tgt Ion:278 Resp: 35705

Ion	Ratio	Lower	Upper
278	100		
139	27.6	14.3	21.5#
279	28.1	19.4	29.0





#92
Benzo(g,h,i)perylene
Concen: 7.252 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112741.D
Acq: 28 Feb 2019 1:42

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tgt Ion:276 Resp: 127543

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	23.5	19.4	29.0