Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102442.D
Acq On : 25 Jan 2018 23:45
Operator : SJ/JU
Sample : J1236-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 01:34:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149330	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	599133	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	248313	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	356596	20.00	ng		0.00
75) Chrysene-d12	13.88	240	282271	20.00	ng		0.00
86) Perylene-d12	15.31	264	246212	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	215965	21.93	ng		0.01
7) Phenol-d6	6.36	99	949470	79.97	ng		0.00
23) Nitrobenzene-d5	7.29	82	724806	69.52	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	16022	6.51	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1084475	64.22	ng		0.00
78) Terphenyl-d14	12.82	244	745301	59.52	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.06	42	10115	2.110	ng	#	1
10) Phenol	6.37	94	86831	6.699	ng		95
20) 3+4-Methylphenols	7.14	107	34277	3.250	ng		91
25) Isophorone	7.29	82	723516	38.927	ng	#	64
49) Dimethylphthalate	9.47	163	193303	9.418	ng		99
70) Phenanthrene	11.26	178	49226	2.369	ng		99
71) Anthracene	11.26	178	49226	2.321	ng		98
73) Di-n-butylphthalate	11.80	149	82480	3.189	ng		98
74) Fluoranthene	12.45	202	81048	3.825	ng		97
77) Pyrene	12.68	202	152618	6.993	ng		97
80) Benzo(a)anthracene	13.90	228	53299	3.067	ng		93
82) Chrysene	13.90	228	53299	3.020	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	33434	2.294	ng		96
87) Benzo(b)fluoranthene	14.90	252	83824	5.253	ng	#	89
88) Benzo(k)fluoranthene	14.90	252	83824	5.560	ng	#	92
89) Benzo(a)pyrene	15.24	252	56664	3.937	ng	#	95
91) Benzo(g,h,i)perylene	17.12	276	44993	3.908	ng	#	87

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

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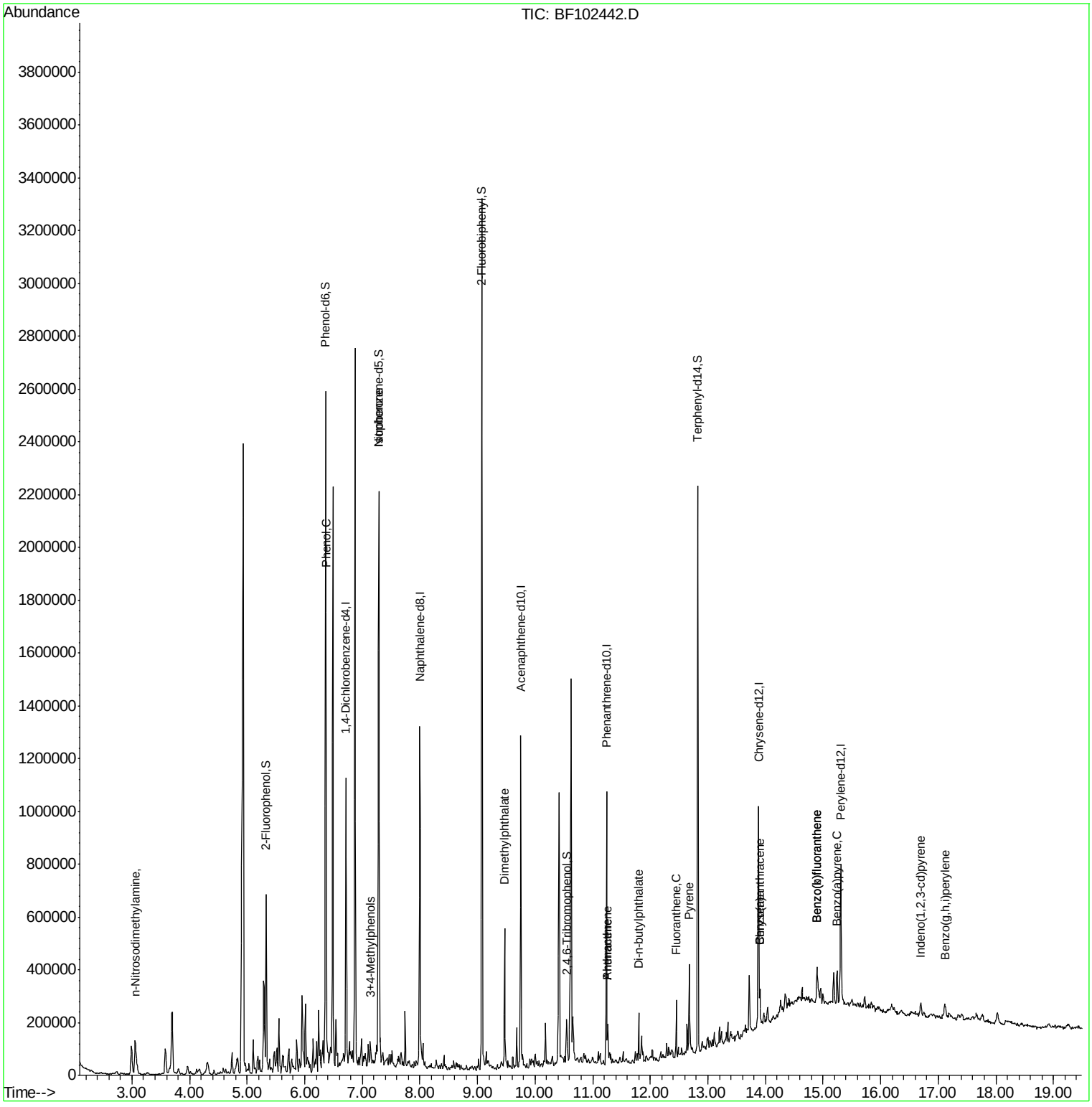
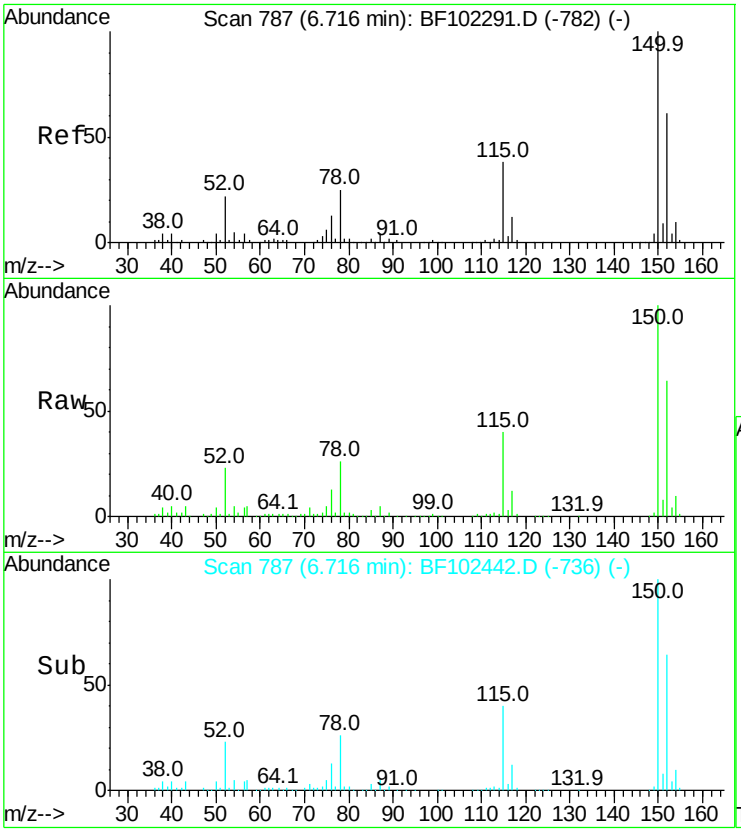


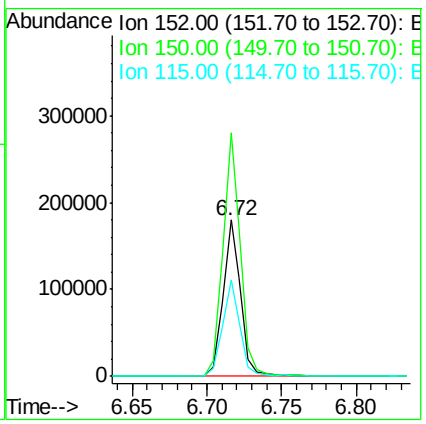


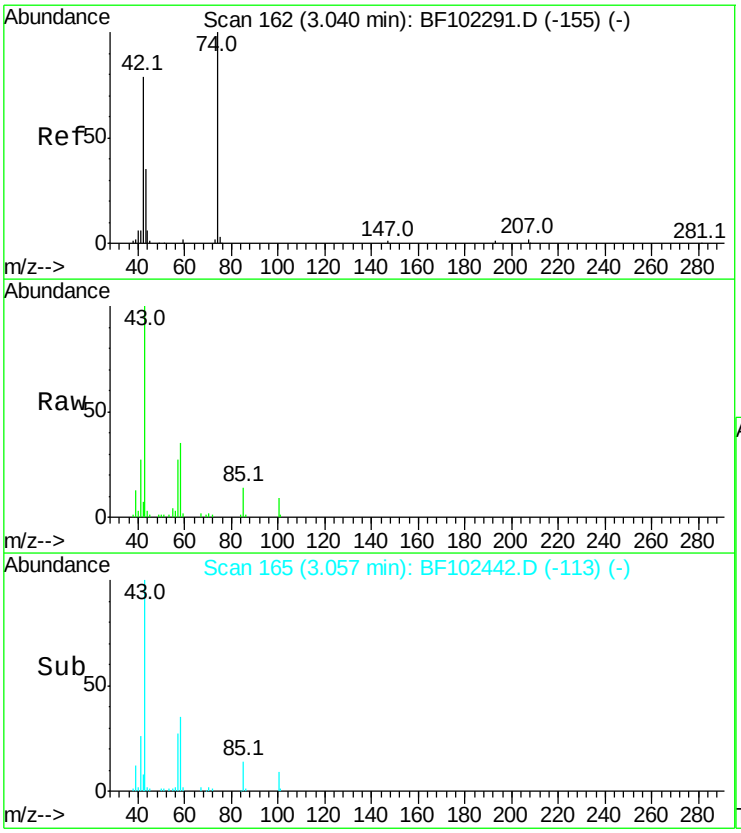
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149330

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.8	50.1	75.1

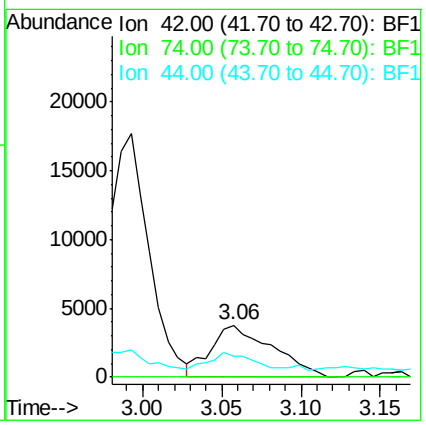


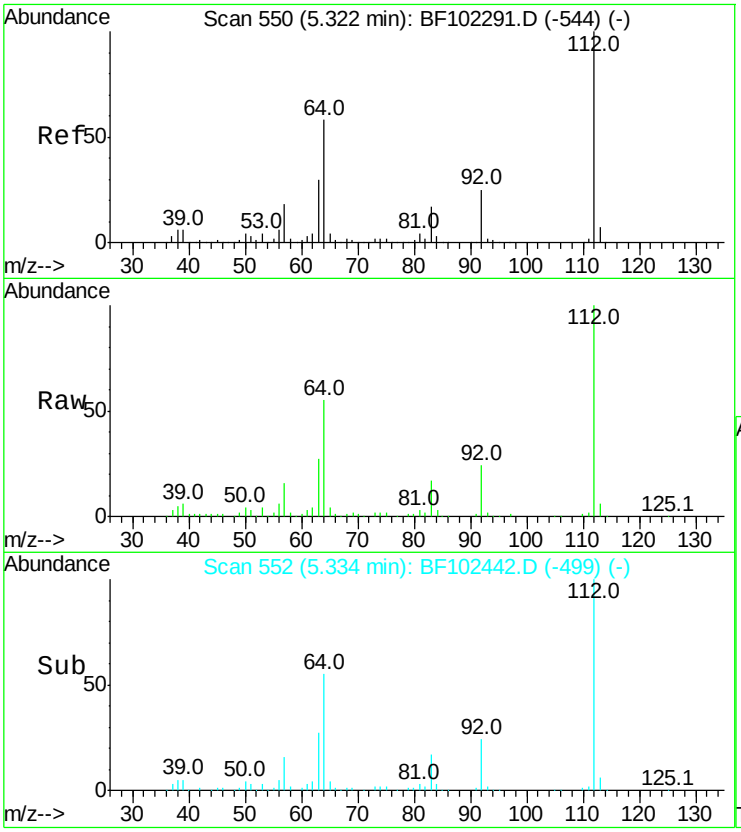


#4
n-Nitrosodimethylamine
Concen: 2.110 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion: 42 Resp: 10115

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	40.1	6.9	10.3#



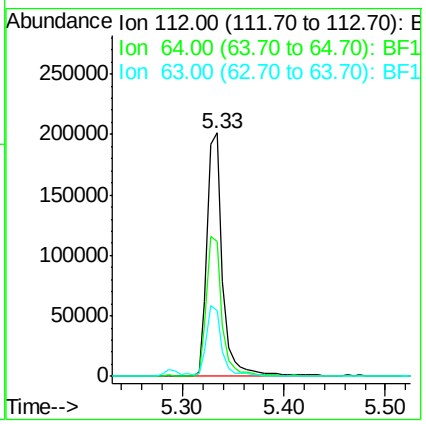


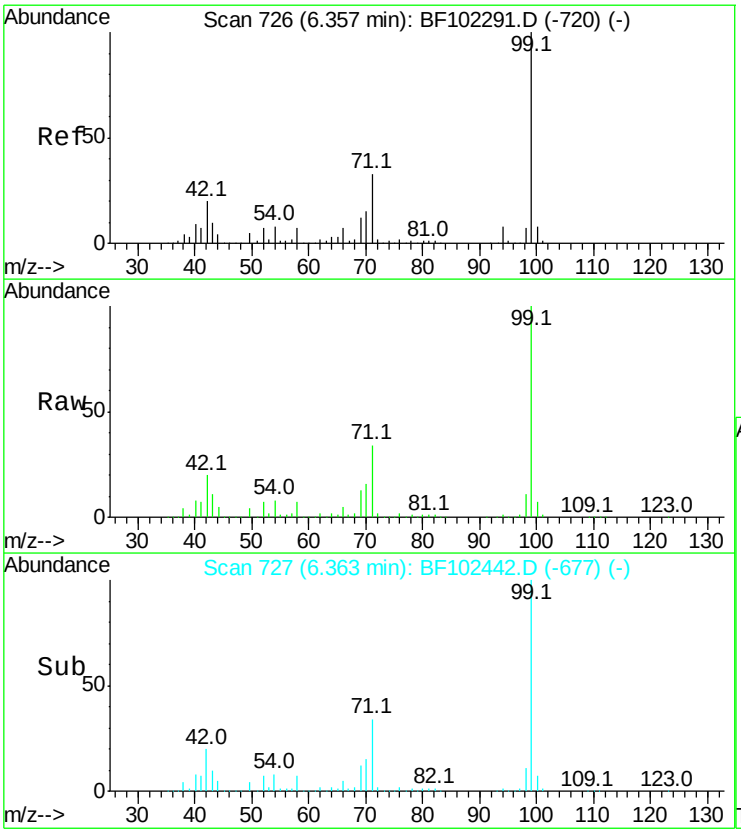
#5
2-Fluorophenol
Concen: 21.929 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 215965

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.2	23.7	35.5

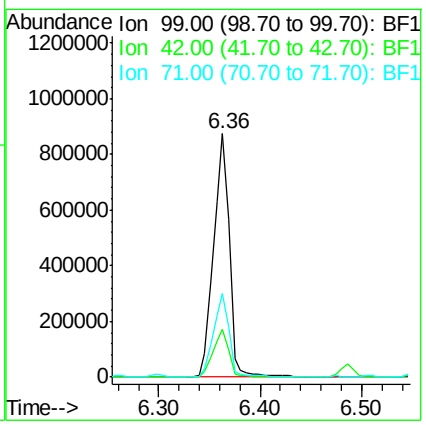


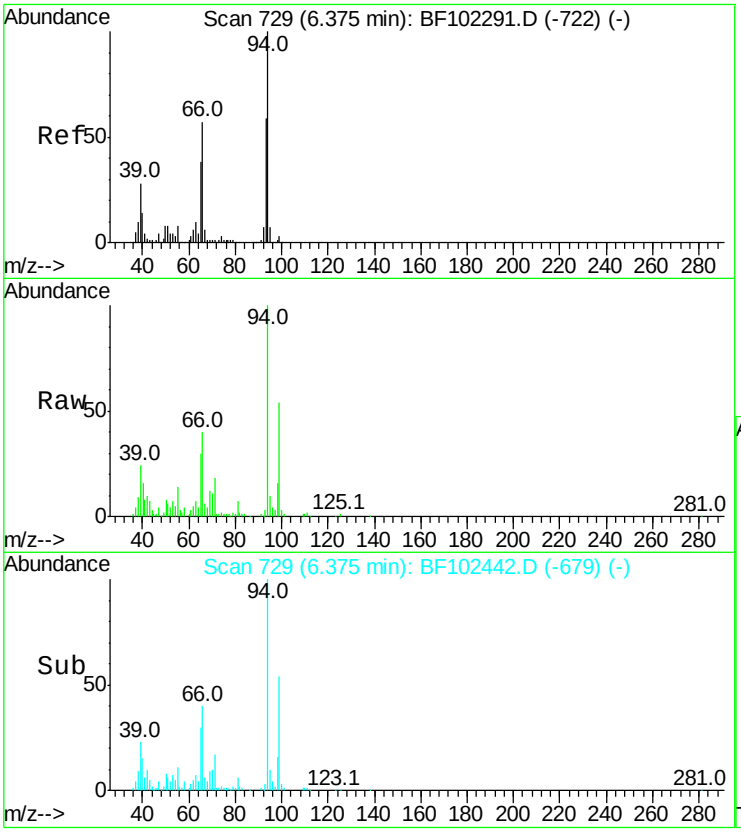


#7
Phenol-d6
Concen: 79.967 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion: 99 Resp: 949470

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.2	25.4	38.0

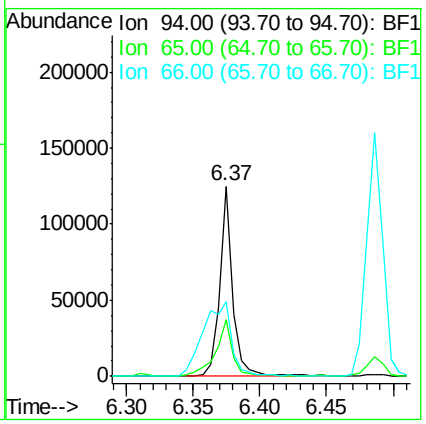




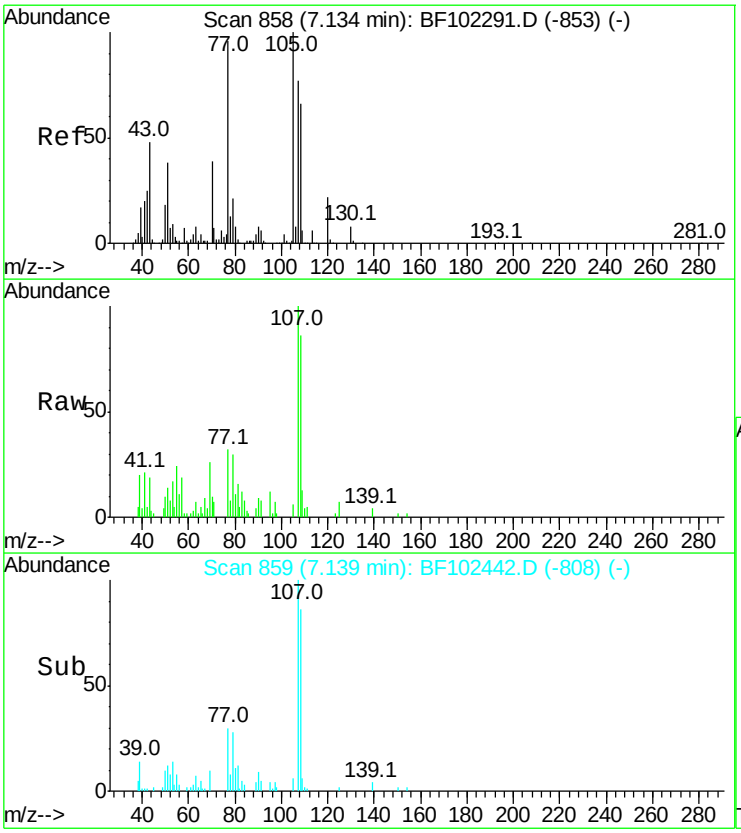
#10
Phenol
Concen: 6.699 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion: 94 Resp: 86831

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	39.6	16.2	56.2



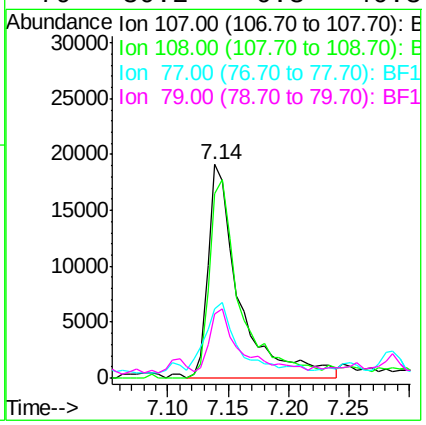
Instrument :
BNA_F
ClientSampleId :

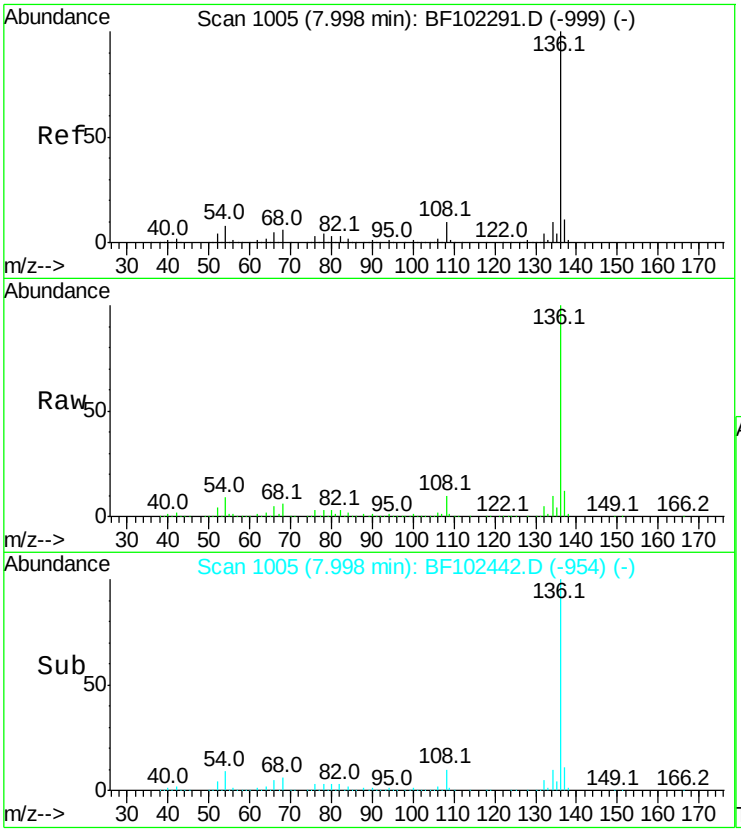


#20
3+4-Methylphenols
Concen: 3.250 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:107 Resp: 34277

Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	32.2	26.7	66.7
79	30.2	6.3	46.3



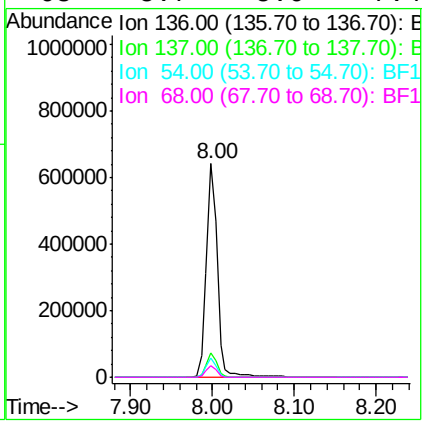


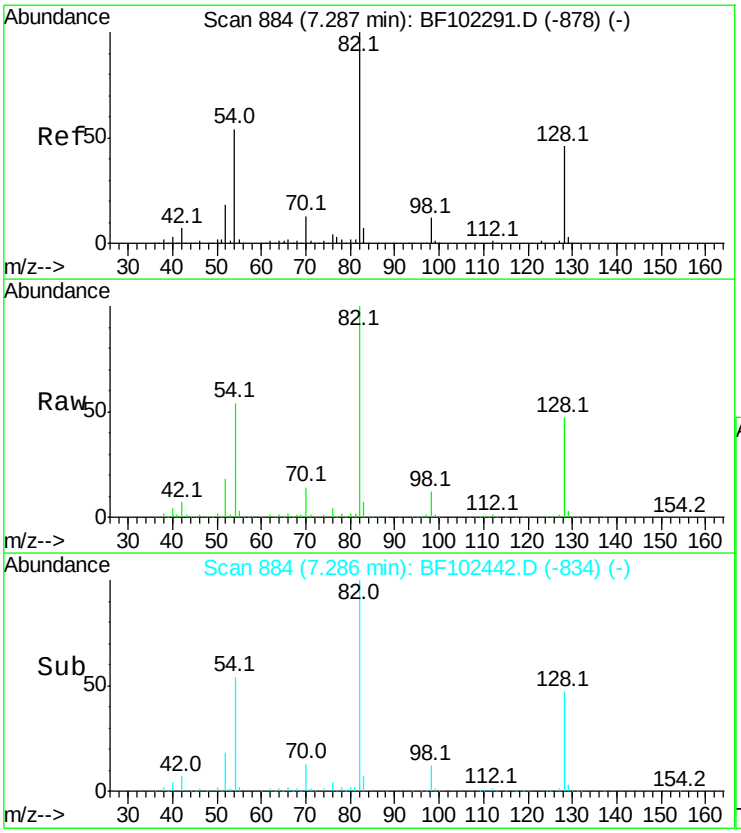
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 599133

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	5.7	5.0	7.4

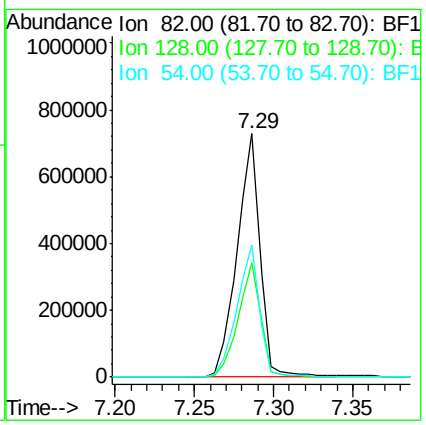


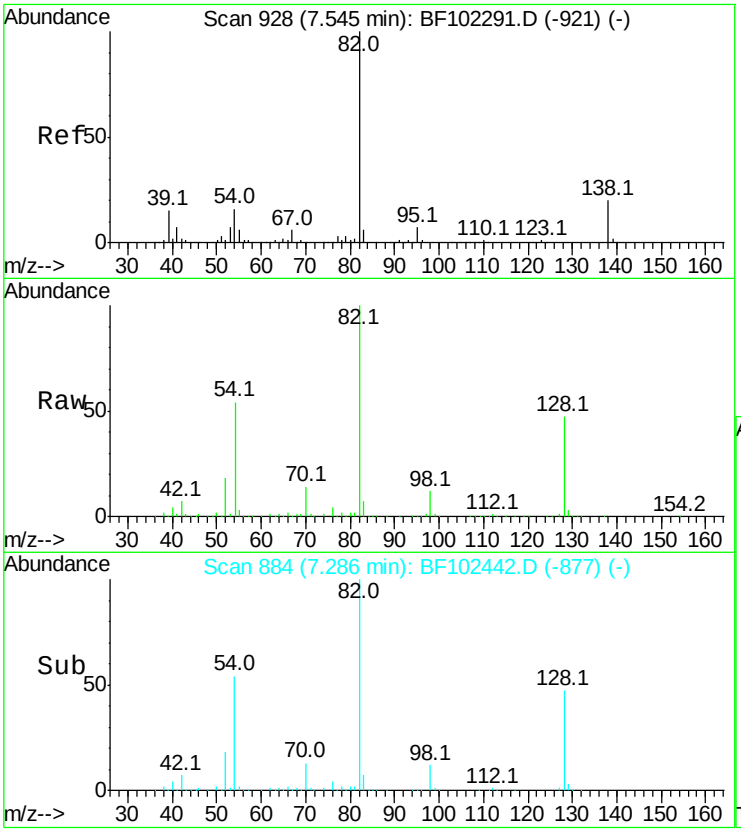


#23
Nitrobenzene-d5
Concen: 69.521 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion: 82 Resp: 724806

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	54.1	41.4	62.2



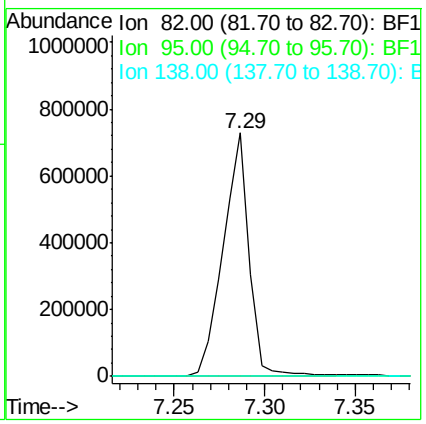


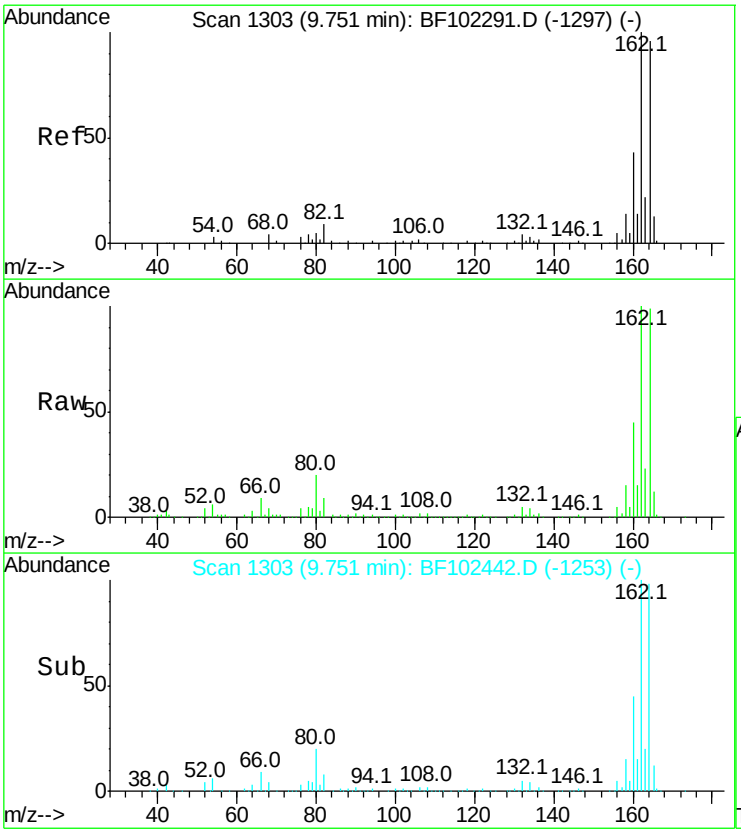
#25
Isophorone
Concen: 38.927 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 723516

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

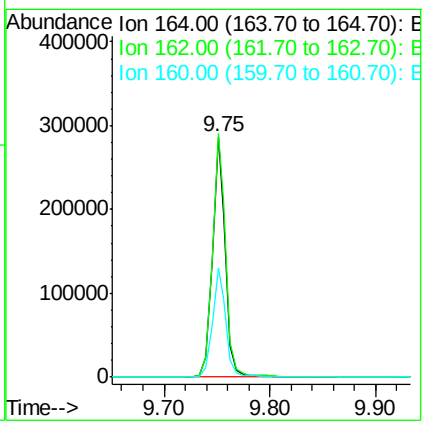


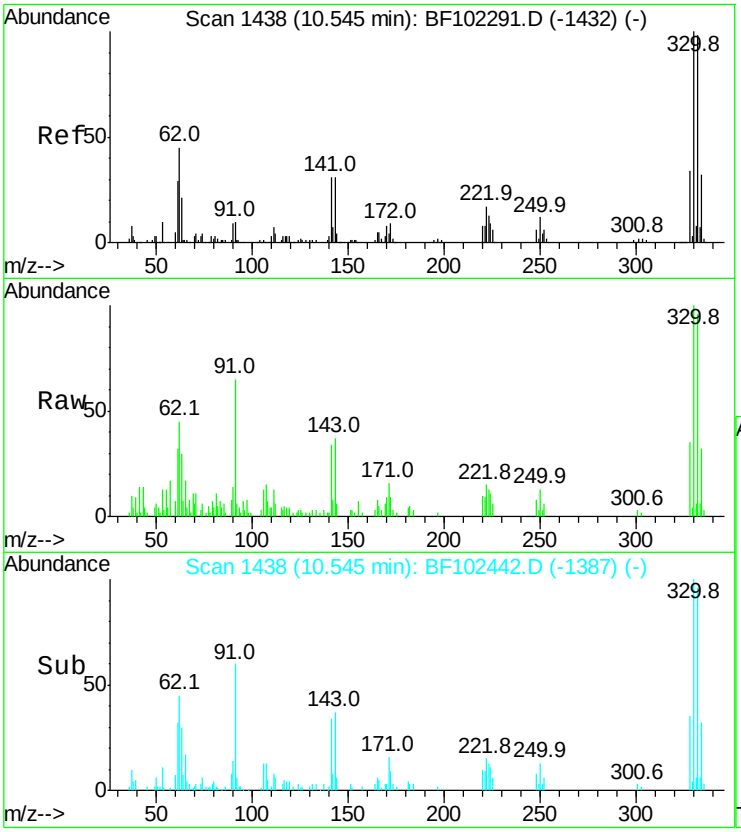


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:164 Resp: 248313

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.5	38.3	57.5



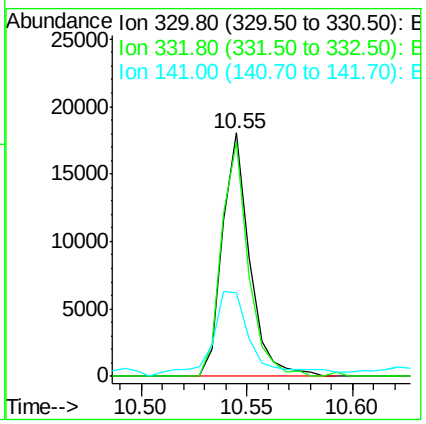


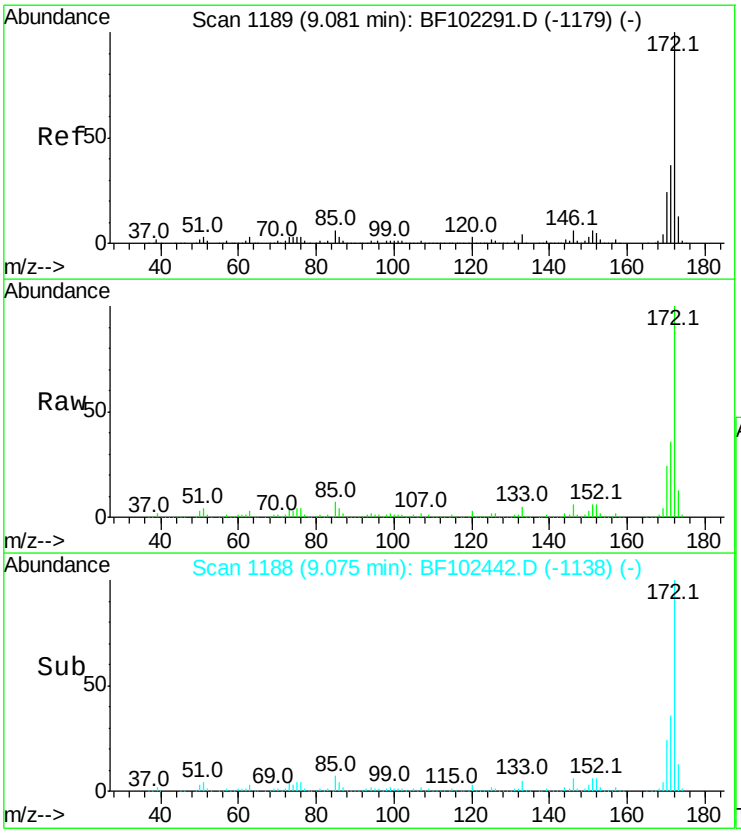
#41
2,4,6-Tribromophenol
Concen: 6.512 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16022

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	53.0	29.9	44.9#

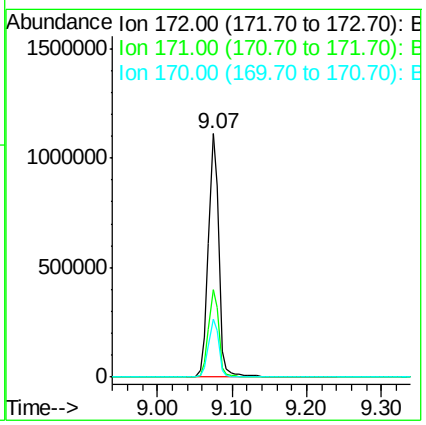


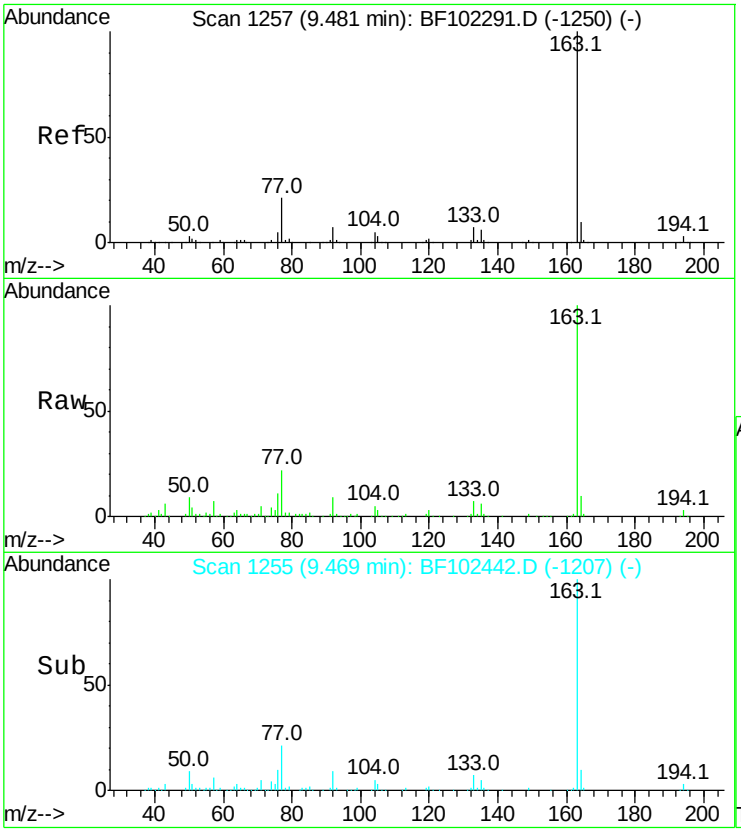


#44
2-Fluorobiphenyl
Concen: 64.216 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:172 Resp: 1084475

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

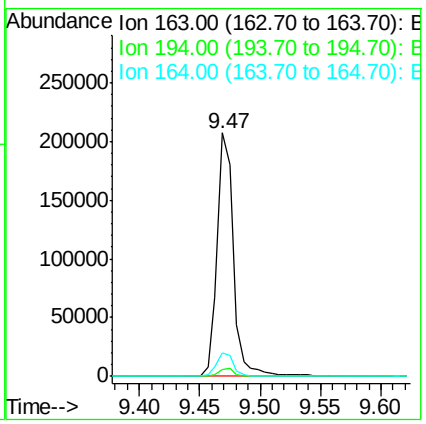




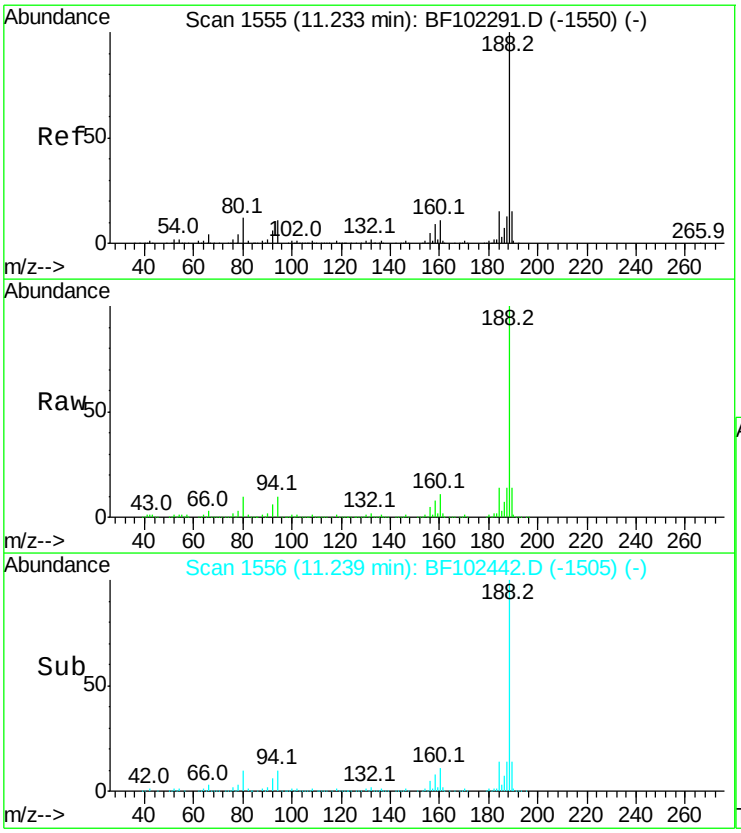
#49
Dimethylphthalate
Concen: 9.418 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:163 Resp: 193303

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.9	8.2	12.2



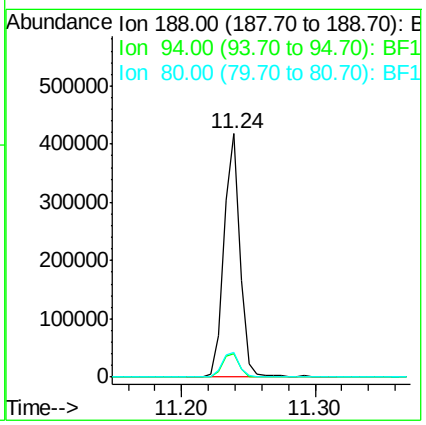
Instrument :
BNA_F
ClientSampleId :

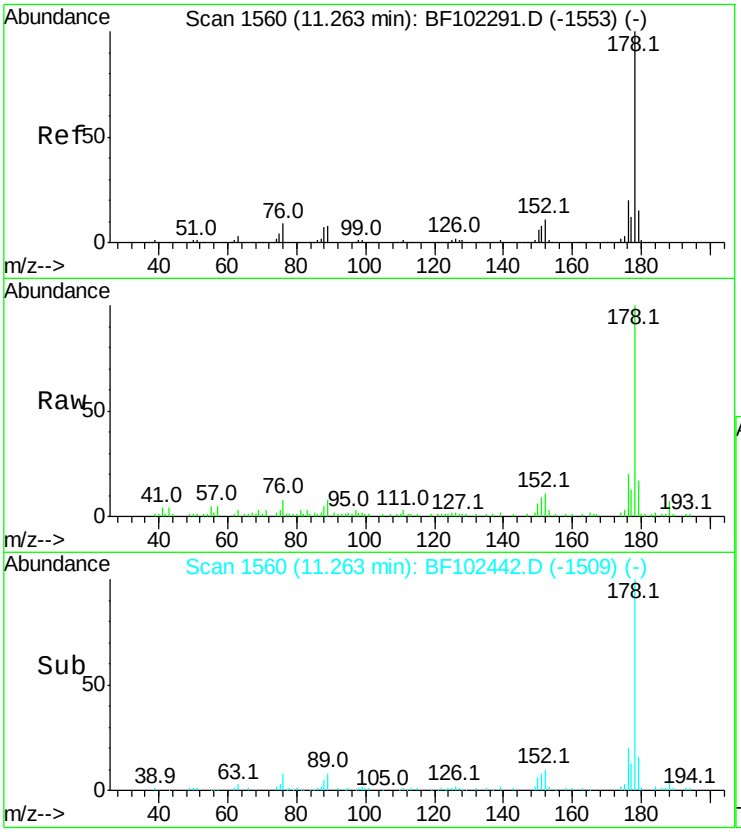


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:188 Resp: 356596

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8



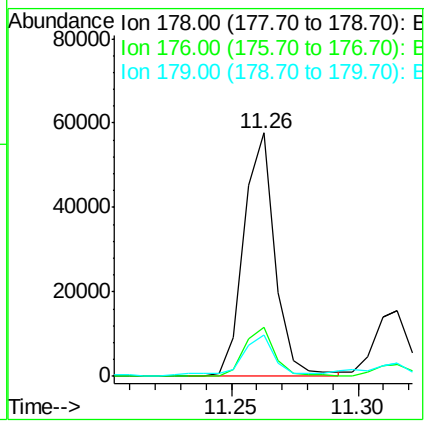


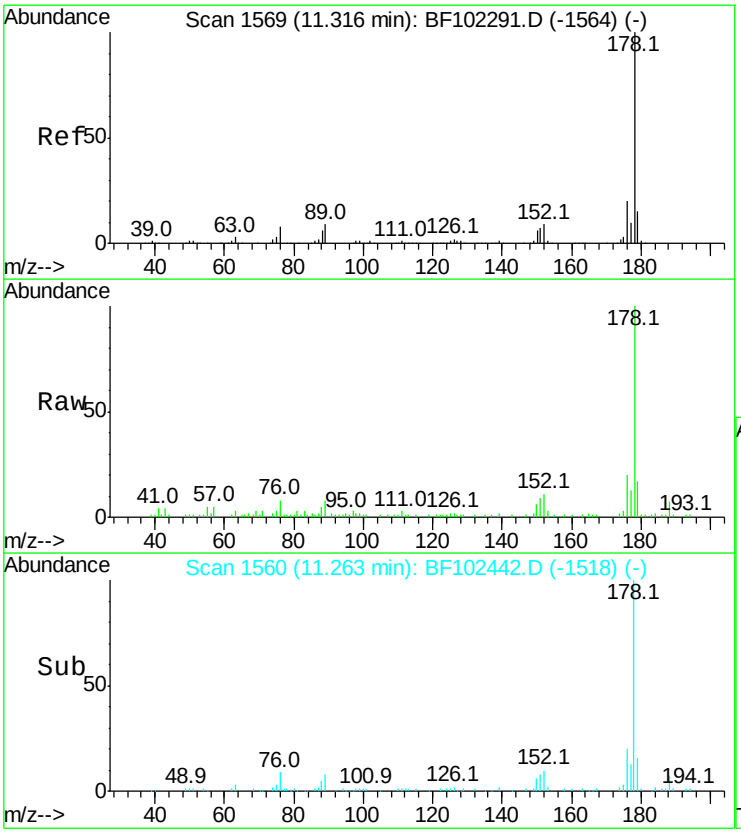
#70
Phenanthrene
Concen: 2.369 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49226

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.8	13.0	19.6

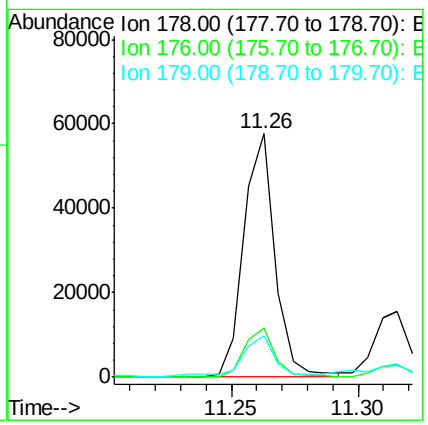


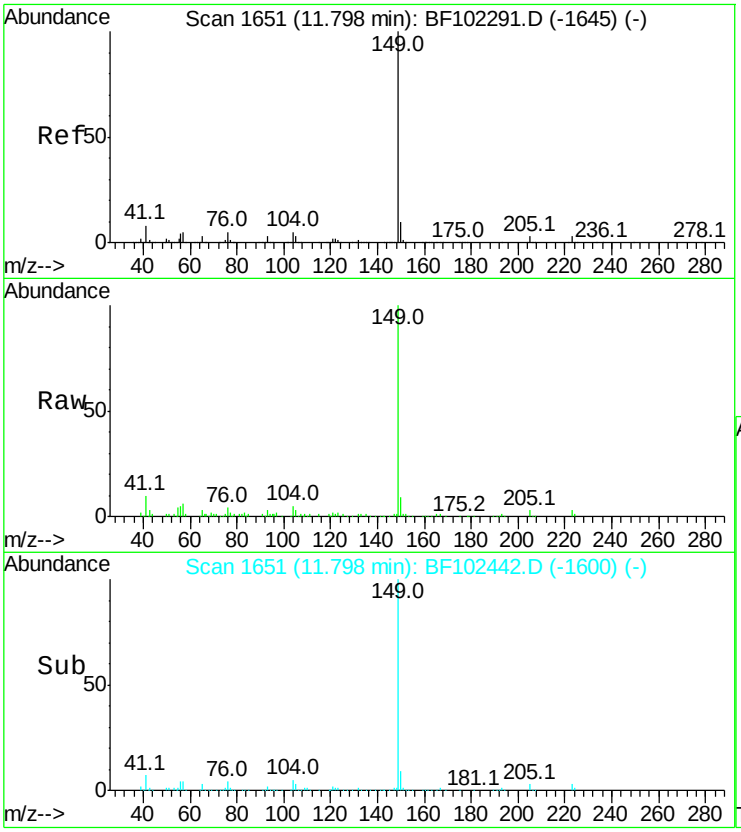


#71
Anthracene
Concen: 2.321 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:178 Resp: 49226

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.8	12.6	19.0



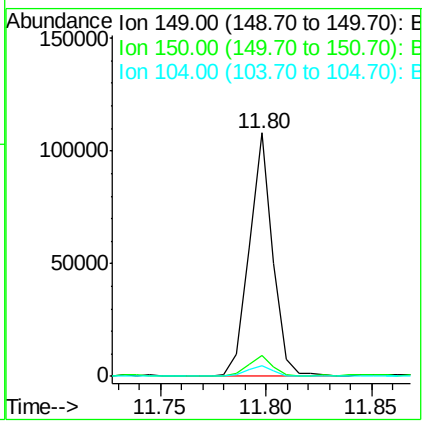


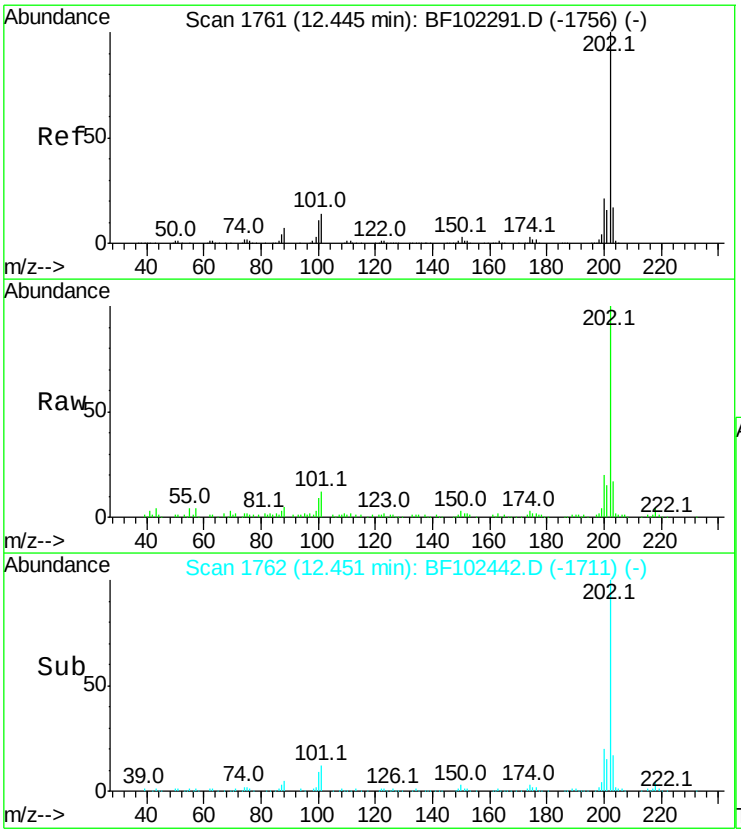
#73
Di-n-butylphthalate
Concen: 3.189 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 82480

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	4.6	3.8	5.8

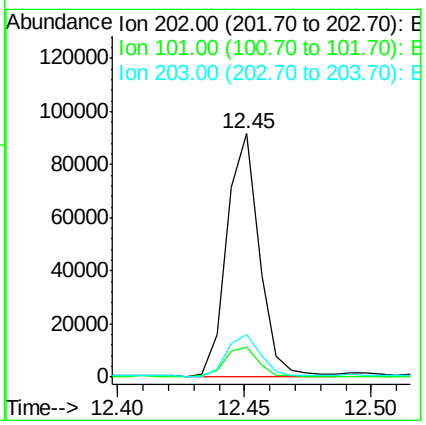


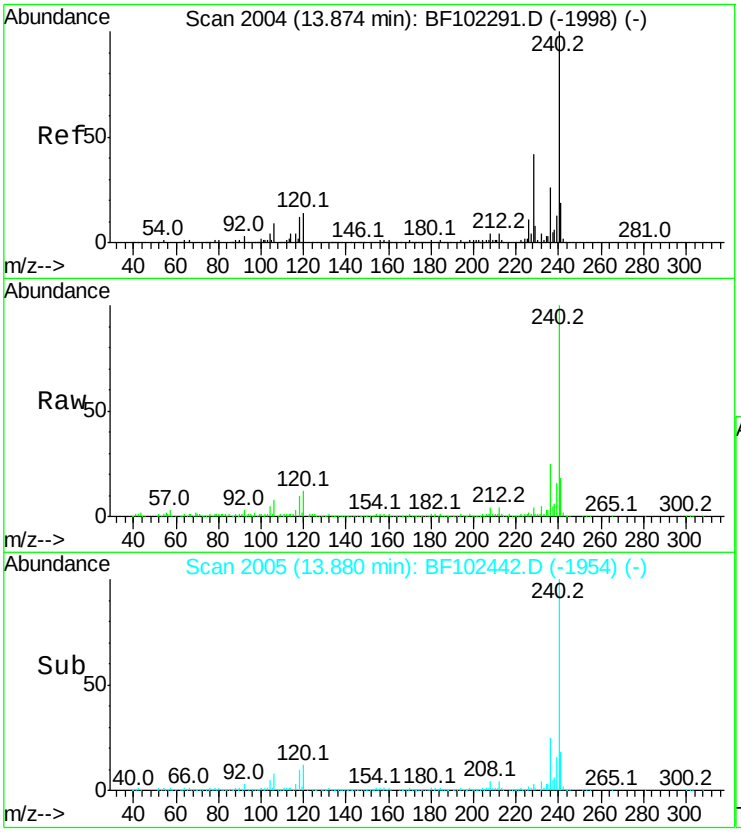


#74
Fluoranthene
Concen: 3.825 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:202 Resp: 81048

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.4	0.0	38.1



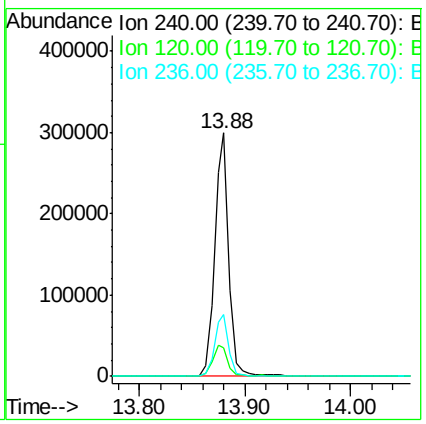


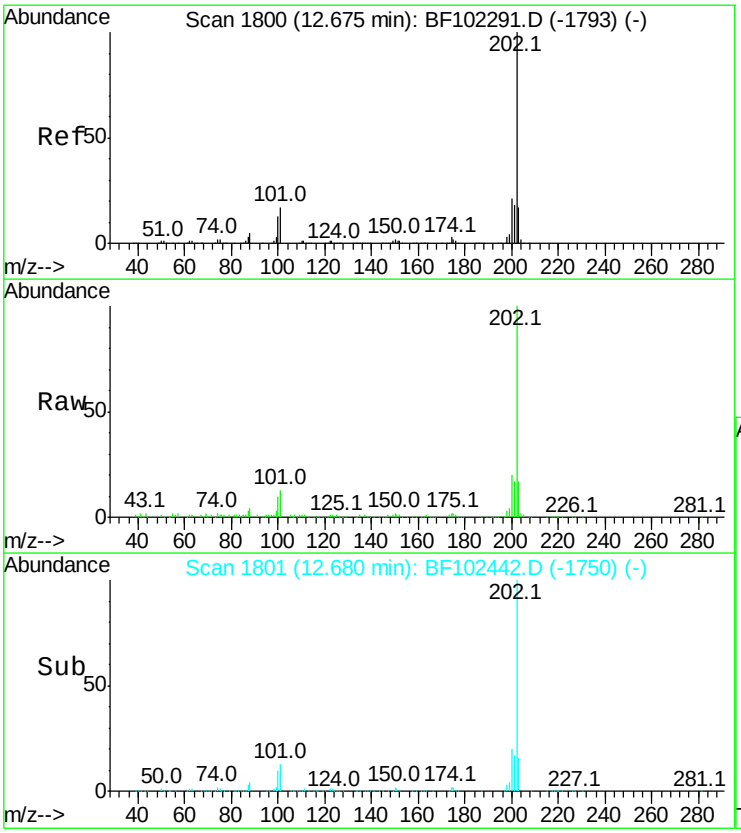
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 282271

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.4	20.7	31.1

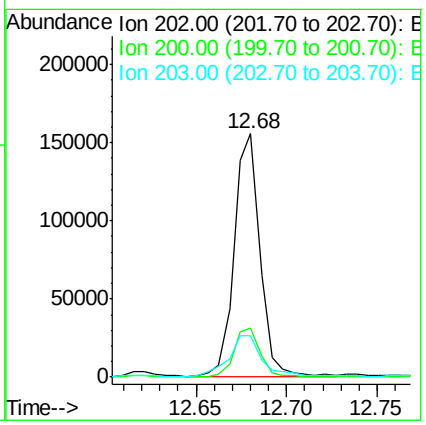


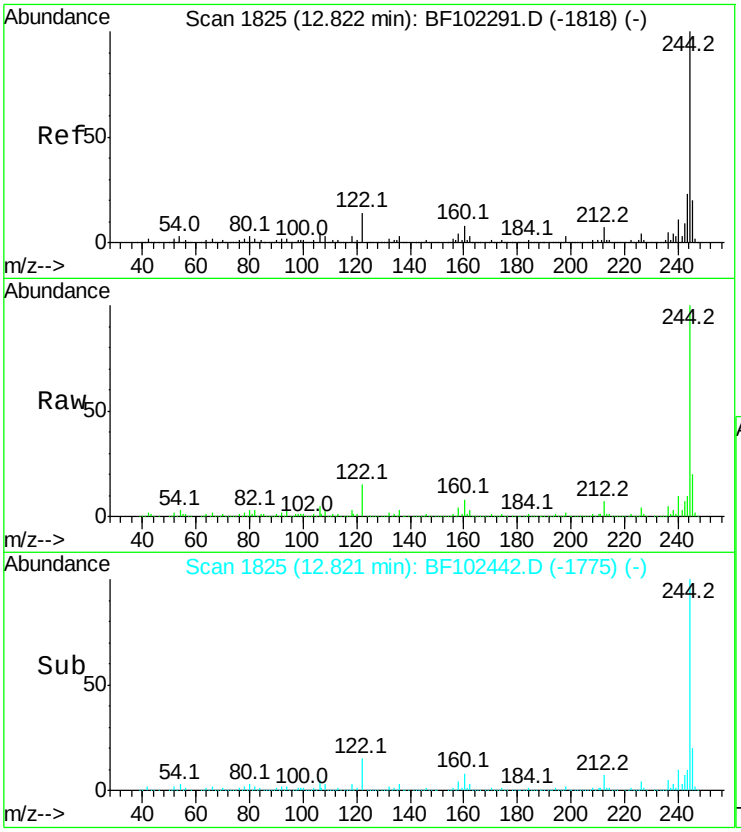


#77
Pyrene
Concen: 6.993 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:202 Resp: 152618

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.8	14.3	21.5



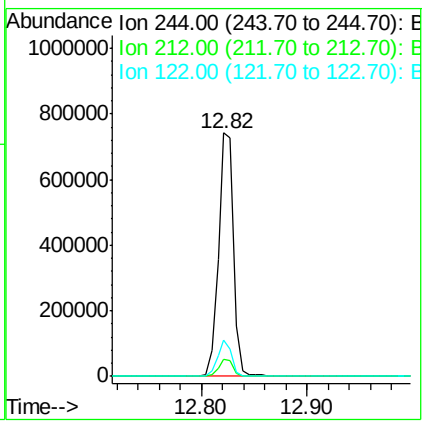


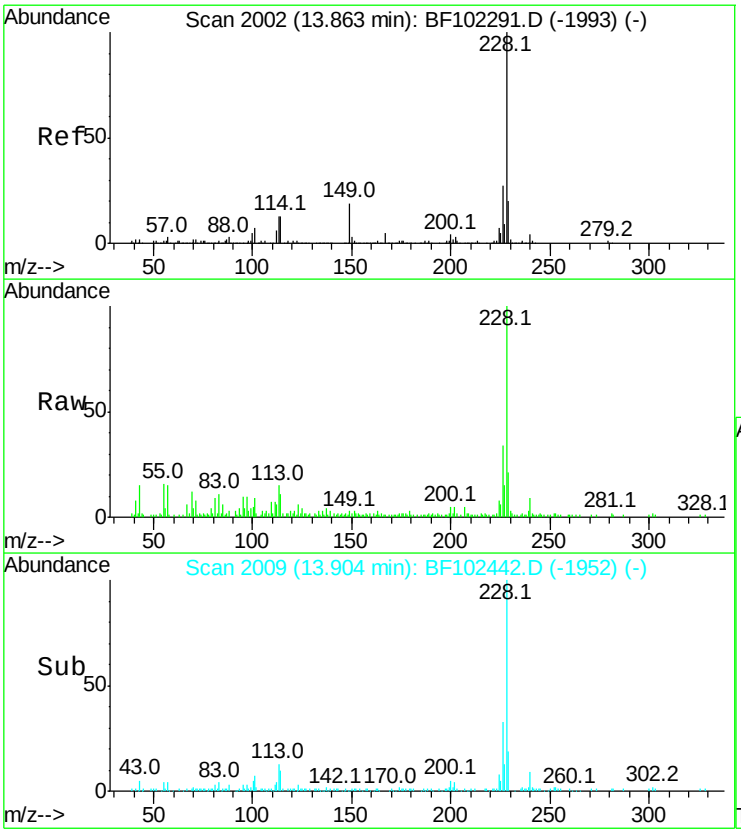
#78
Terphenyl-d14
Concen: 59.524 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 745301

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4

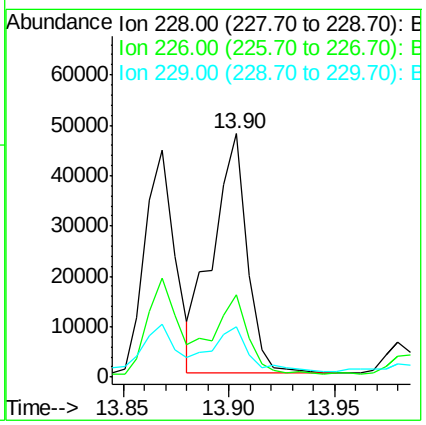


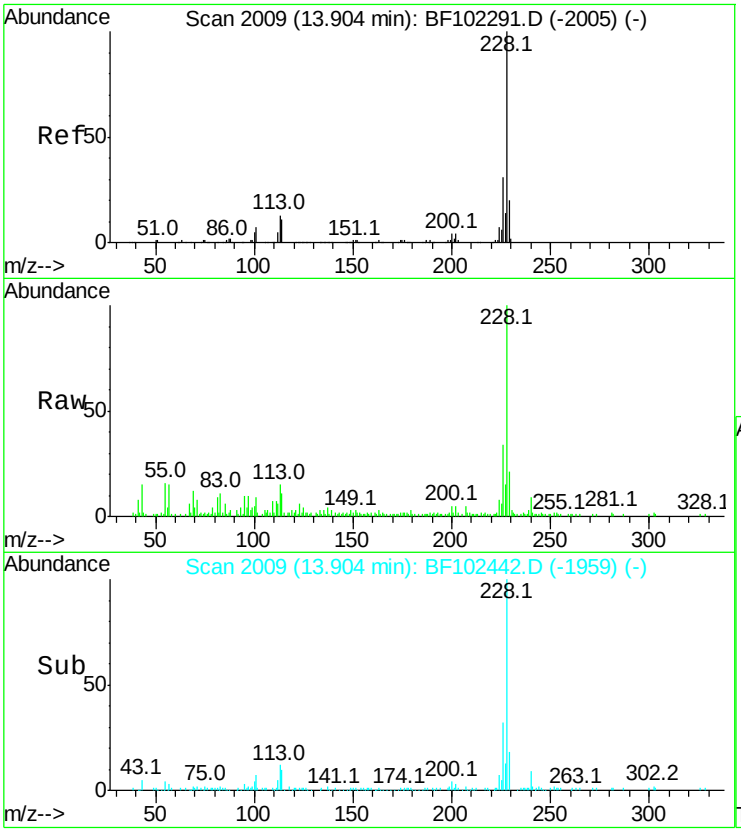


#80
Benzo(a)anthracene
Concen: 3.067 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:228 Resp: 53299

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	20.9	15.8	23.6



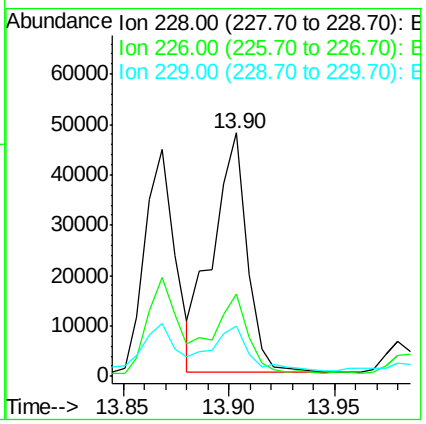


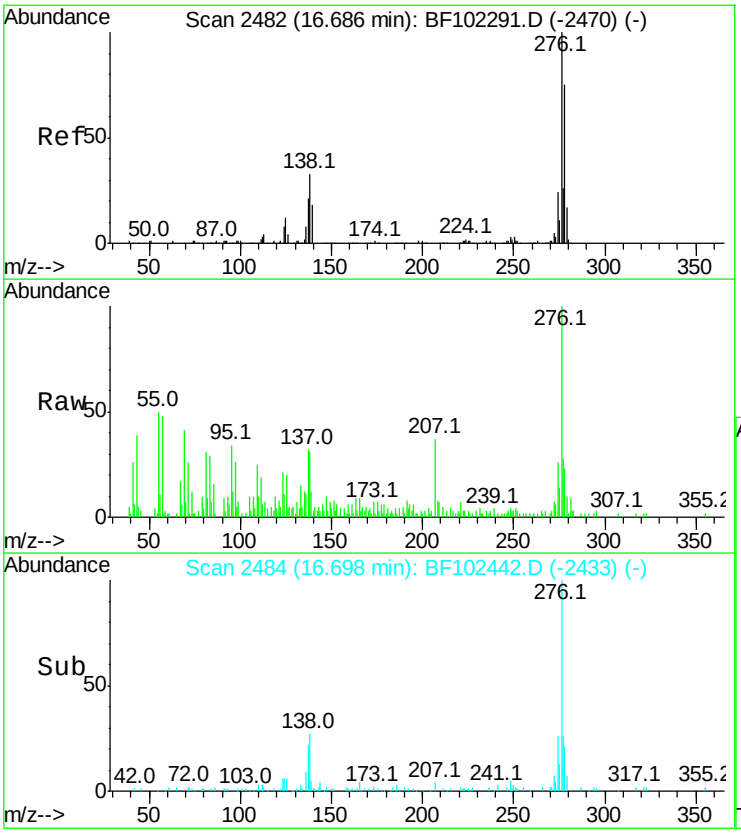
#82
Chrysene
Concen: 3.020 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53299

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	20.9	16.2	24.4

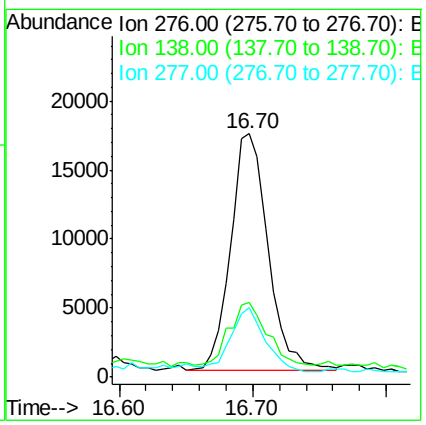


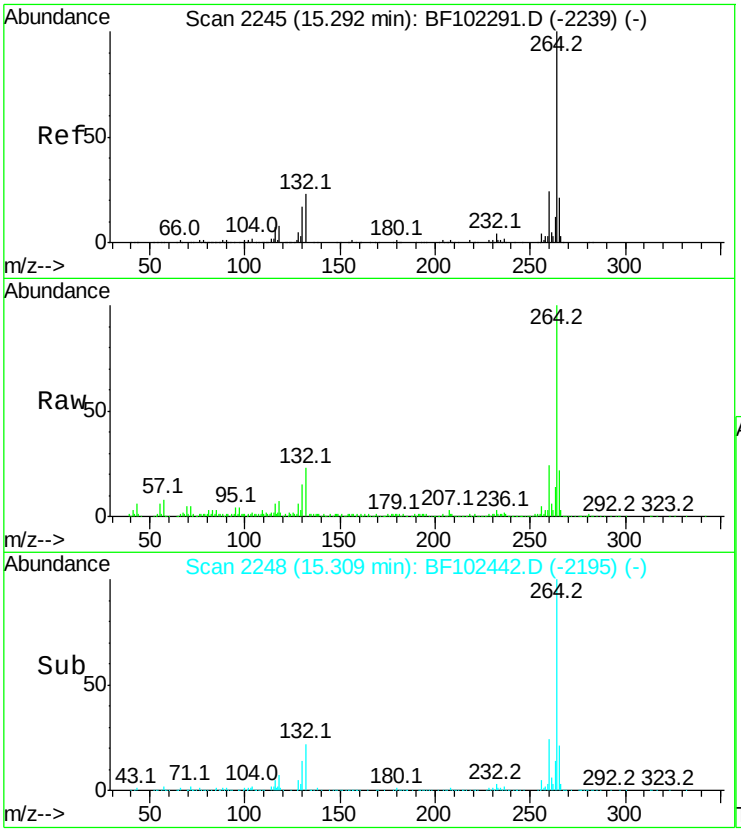


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.294 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:276 Resp: 33434

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.3	20.1	30.1



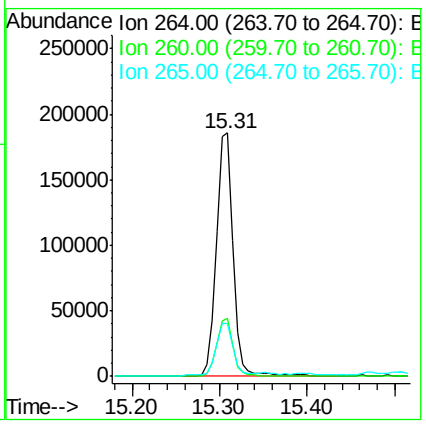


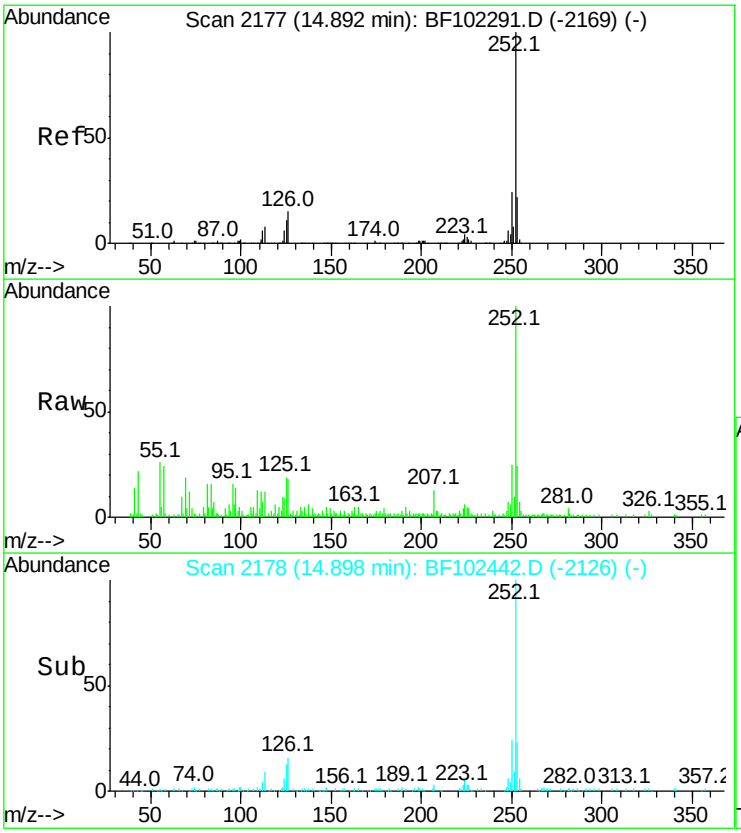
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 246212

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

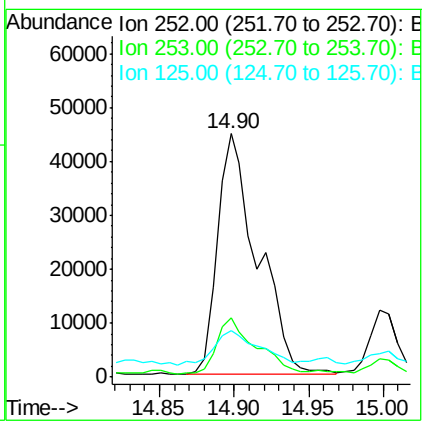


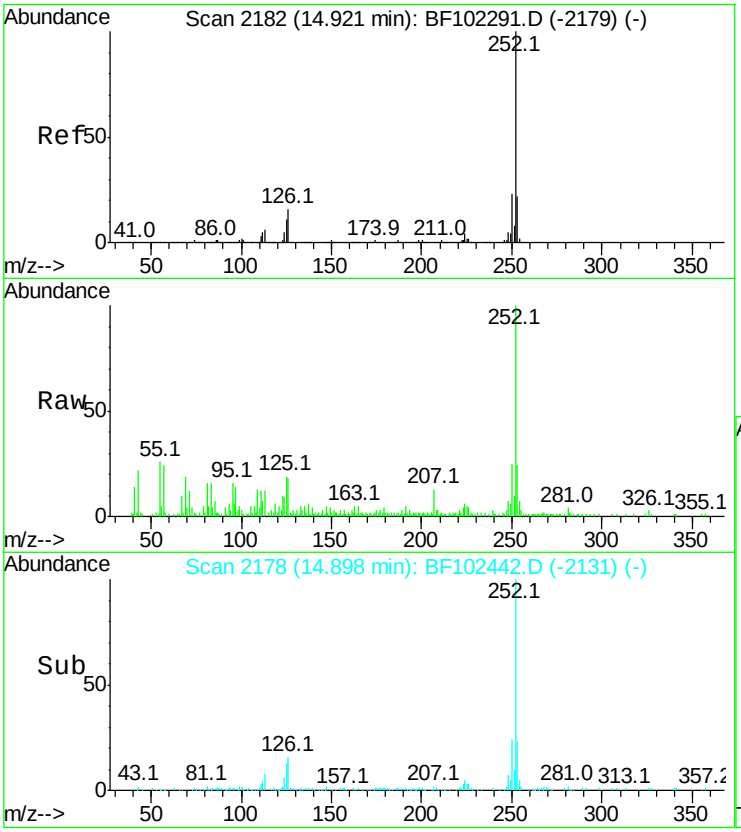


#87
Benzo(b)fluoranthene
Concen: 5.253 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:252 Resp: 83824

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	19.2	9.0	13.6#



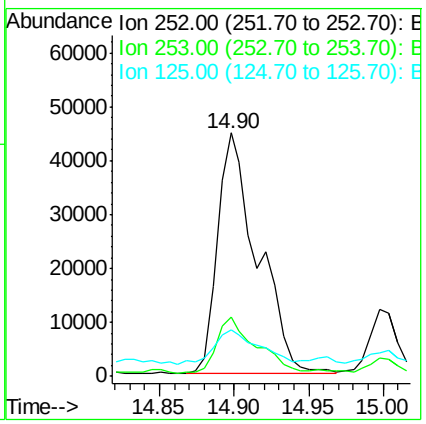


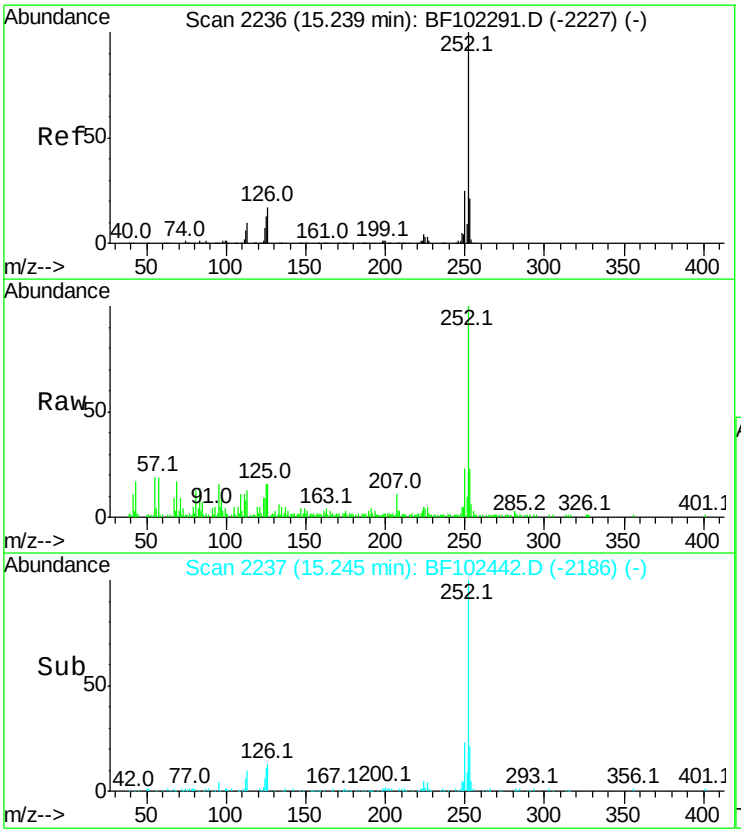
#88
Benzo(k)fluoranthene
Concen: 5.560 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83824

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	19.2	10.2	15.2#

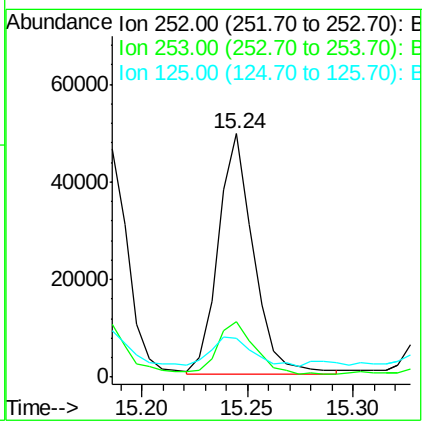


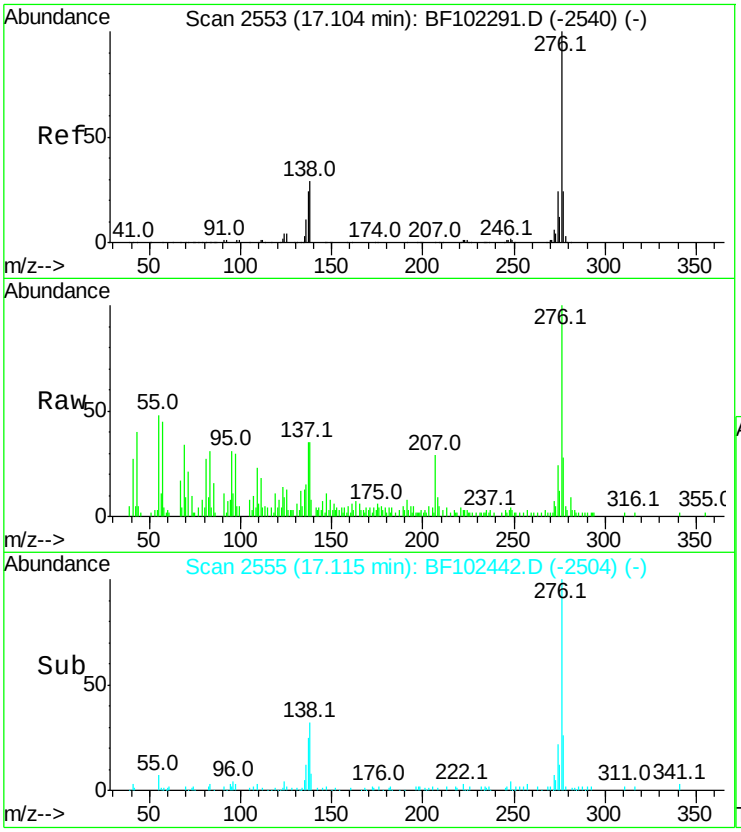


#89
Benzo(a)pyrene
Concen: 3.937 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:252 Resp: 56664

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.908 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 44993

Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	34.5	21.8	32.8#