Quantitation Report (Not Reviewed)

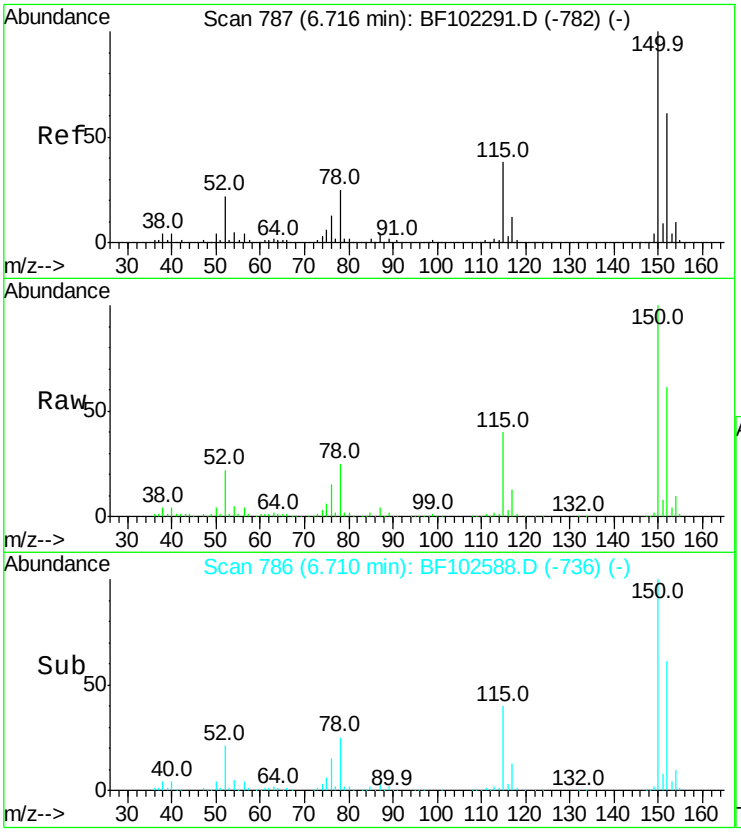
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
Data File : BF102588.D
Acq On : 29 Jan 2018 10:58
Operator : SJ/JU
Sample : J1253-05RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 30 00:03:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	171967	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	708942	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	305592	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	496400	20.00	ng		0.00
75) Chrysene-d12	13.88	240	363999	20.00	ng		0.00
86) Perylene-d12	15.31	264	349835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	322933	28.47	ng		0.00
7) Phenol-d6	6.36	99	1217315	89.03	ng		0.00
23) Nitrobenzene-d5	7.28	82	960883	77.89	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	39508	13.05	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1435609	69.07	ng		0.00
78) Terphenyl-d14	12.82	244	1023993	63.42	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	58023	3.887	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	124597	14.890	ng	#	79
25) Isophorone	7.28	82	957759	43.548	ng	#	64
49) Dimethylphthalate	9.46	163	234561	9.286	ng		98
53) 2,4-Dinitrophenol	10.03	184	135	3.748	ng	#	26
70) Phenanthrene	11.26	178	267030	9.231	ng		99
71) Anthracene	11.31	178	63615	2.155	ng		98
74) Fluoranthene	12.44	202	444047	15.054	ng		99
77) Pyrene	12.67	202	388832	13.816	ng		99
80) Benzo(a)anthracene	13.87	228	219053	9.775	ng		98
82) Chrysene	13.90	228	222578	9.780	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	59135	3.142	ng		99
84) Di-n-octyl phthalate	14.46	149	73087	2.388	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.72	276	105213	5.598	ng		97
87) Benzo(b)fluoranthene	14.90	252	383402	16.909	ng	#	90
88) Benzo(k)fluoranthene	14.90	252	383402	17.897	ng	#	93
89) Benzo(a)pyrene	15.25	252	202386	9.897	ng	#	91
91) Benzo(g,h,i)perylene	17.14	276	94904	5.802	ng	#	89

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

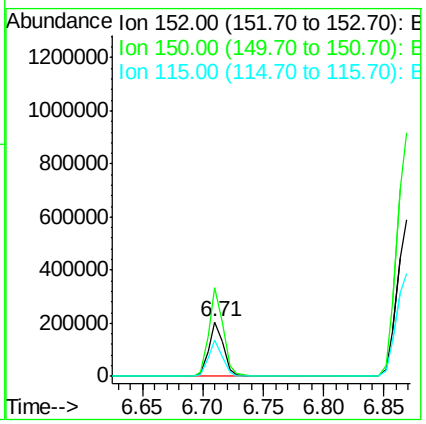


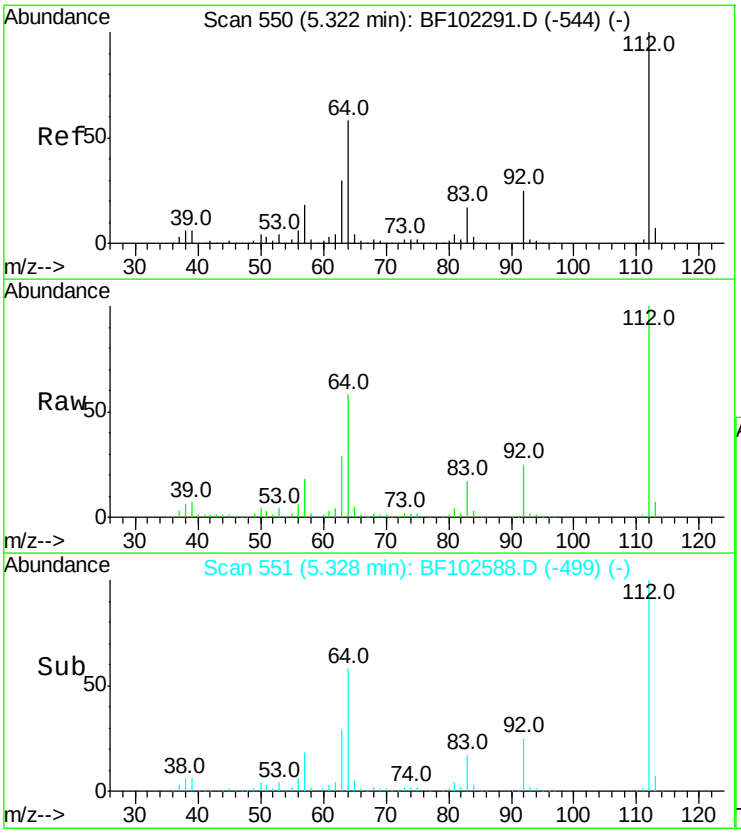
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171967

Ion	Ratio	Lower	Upper
152	100		
150	163.9	124.6	186.8
115	65.8	50.1	75.1

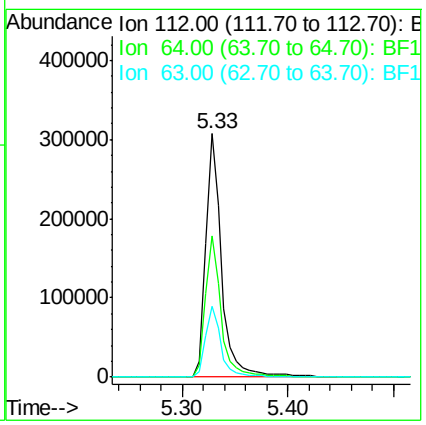


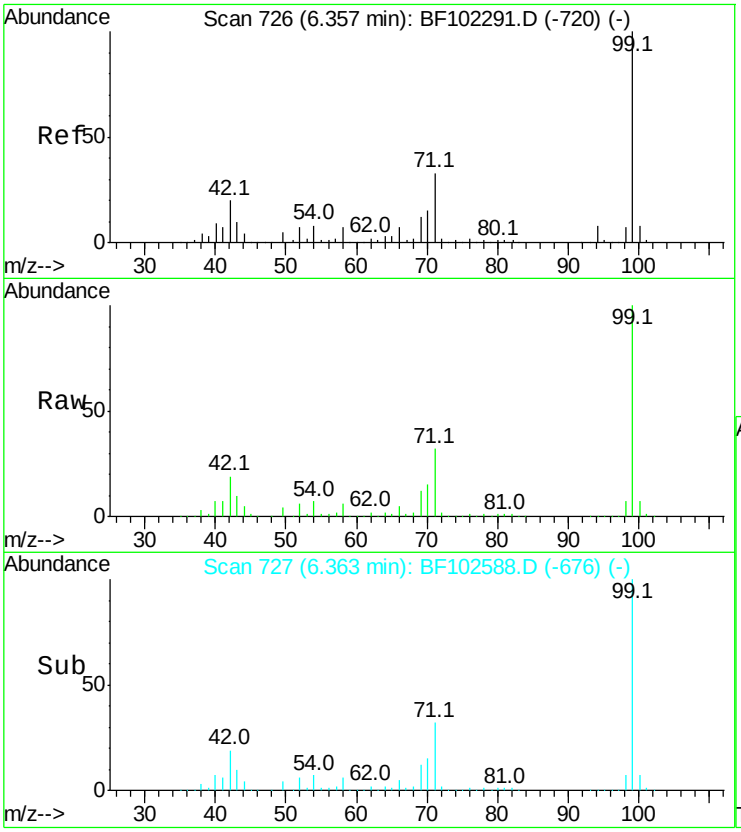


#5
2-Fluorophenol
Concen: 28.474 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:112 Resp: 322933

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.3	23.7	35.5



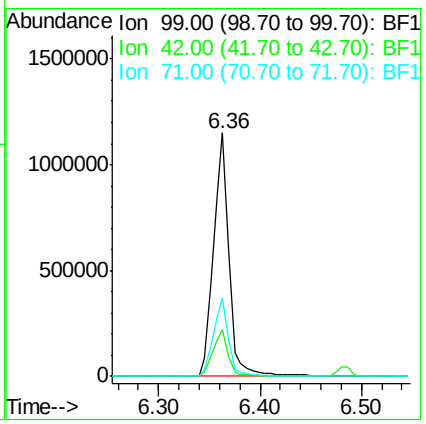


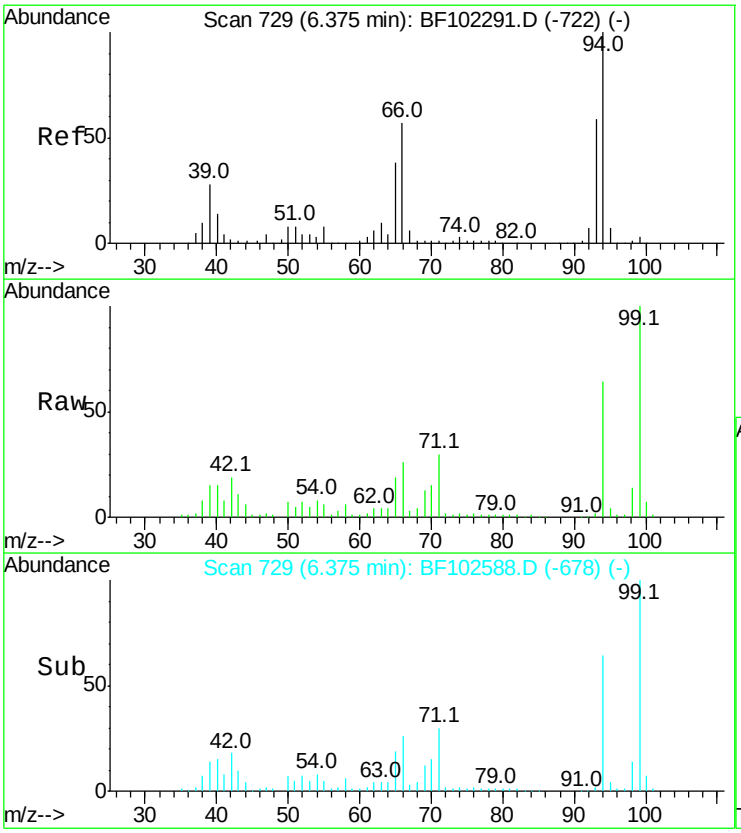
#7
Phenol-d6
Concen: 89.029 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1217315

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.4	25.4	38.0

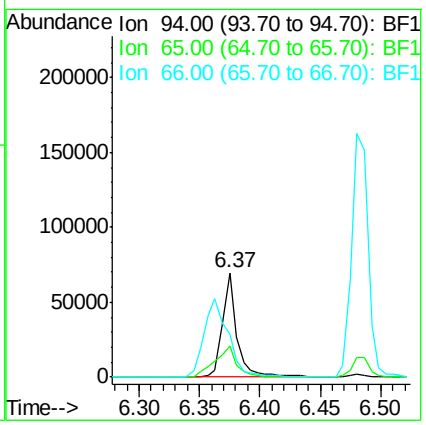


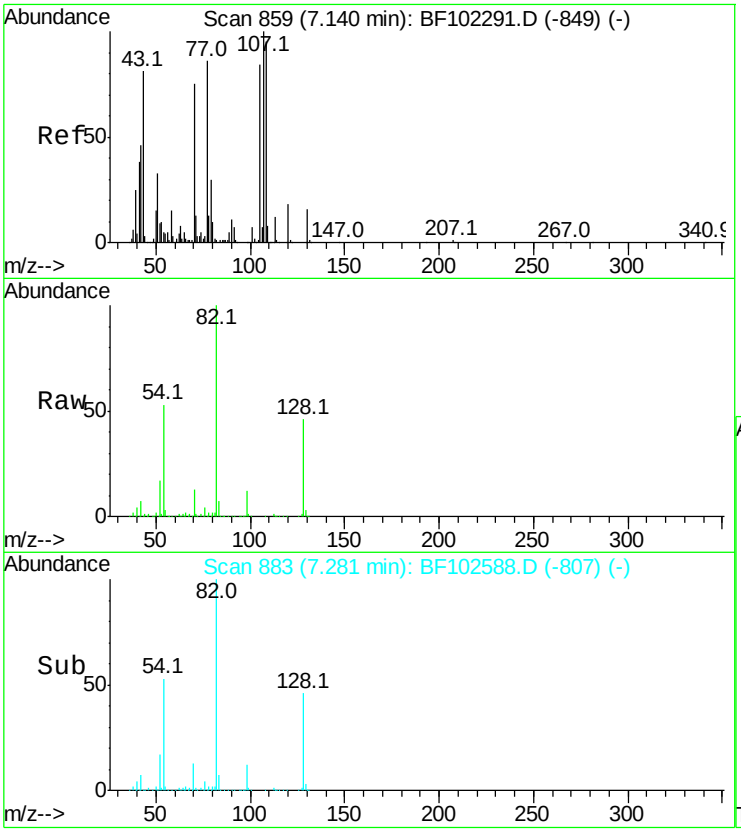


#10
Phenol
Concen: 3.887 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion: 94 Resp: 58023

Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	40.4	16.2	56.2



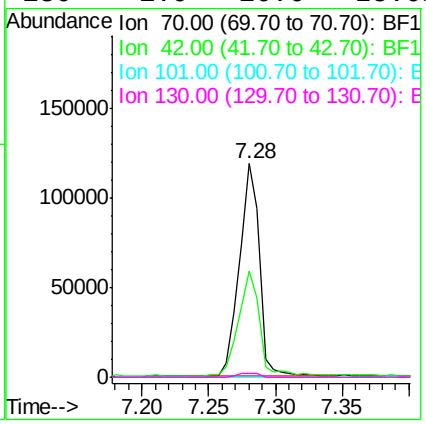


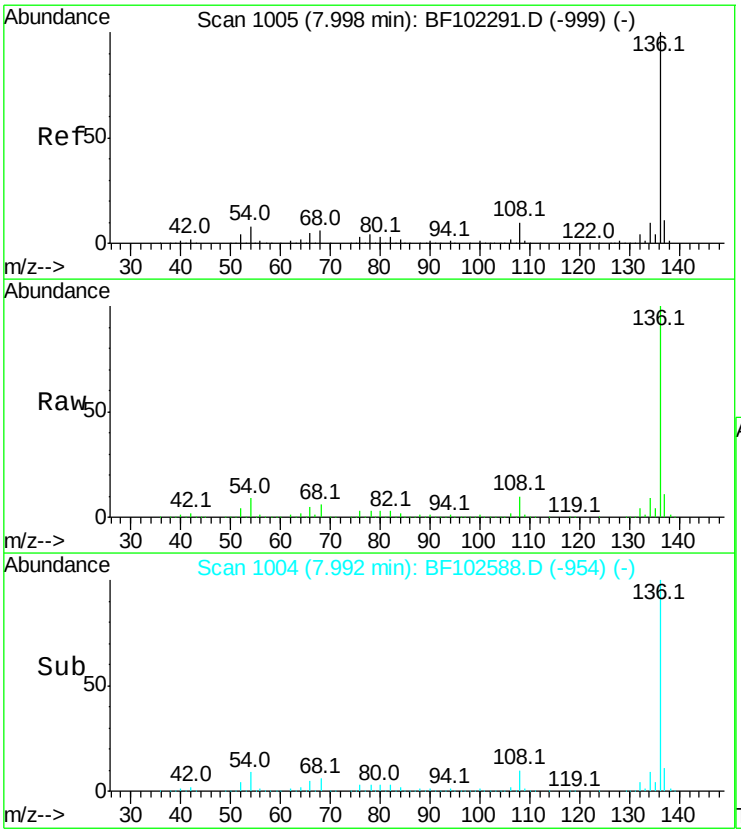
#19
n-Nitroso-di-n-propylamine
Concen: 14.890 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124597

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

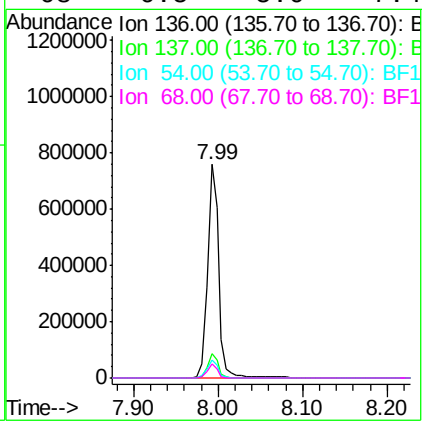


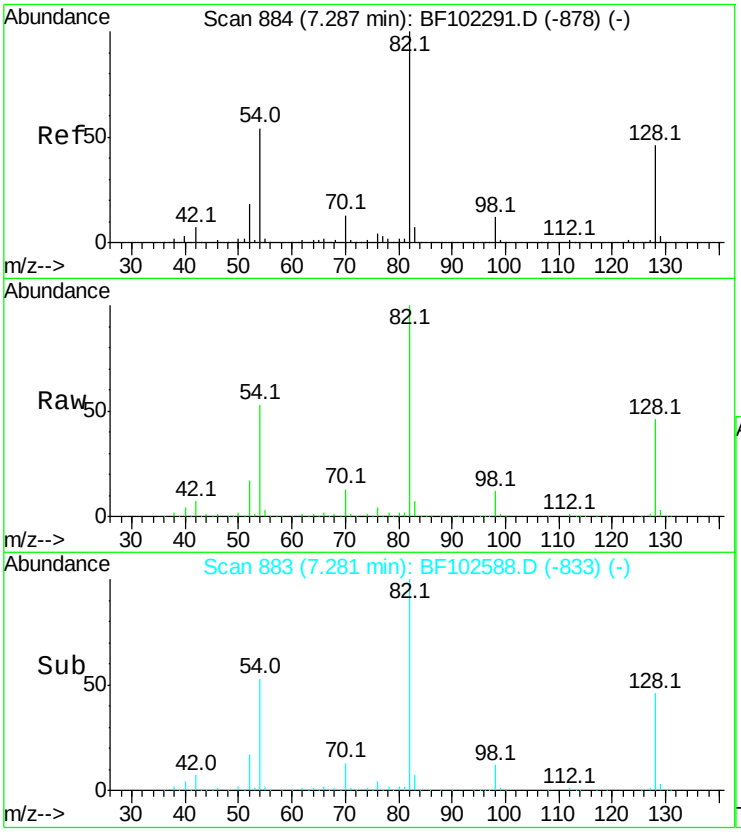


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:136 Resp: 708942

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4



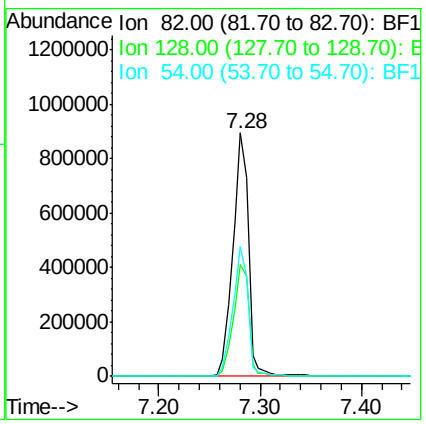


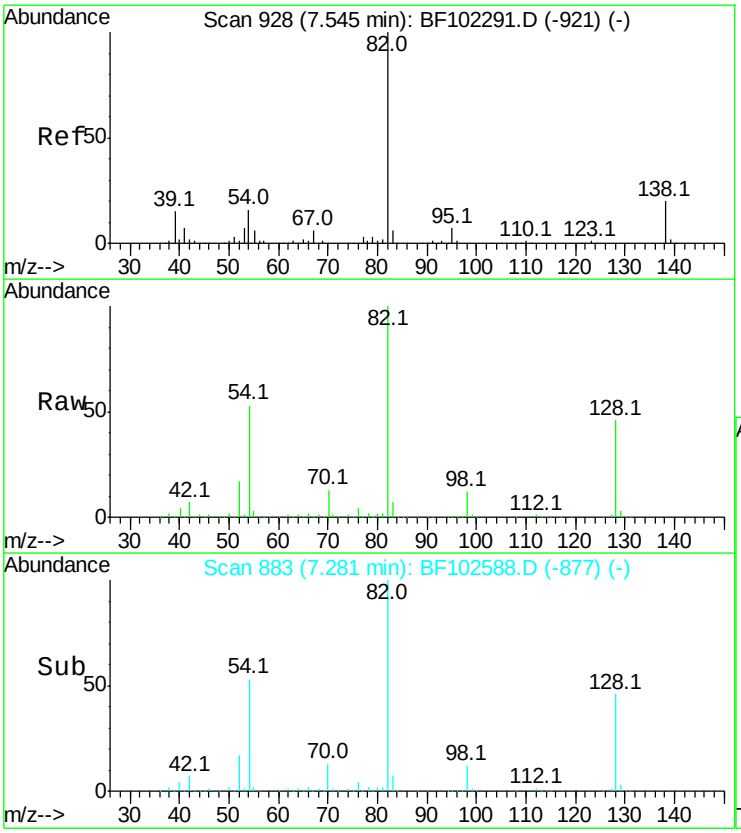
#23
Nitrobenzene-d5
Concen: 77.889 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 960883

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	53.3	41.4	62.2

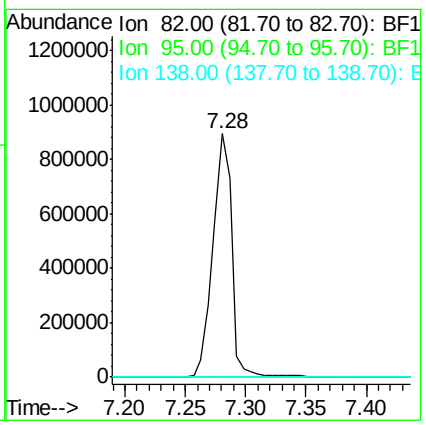


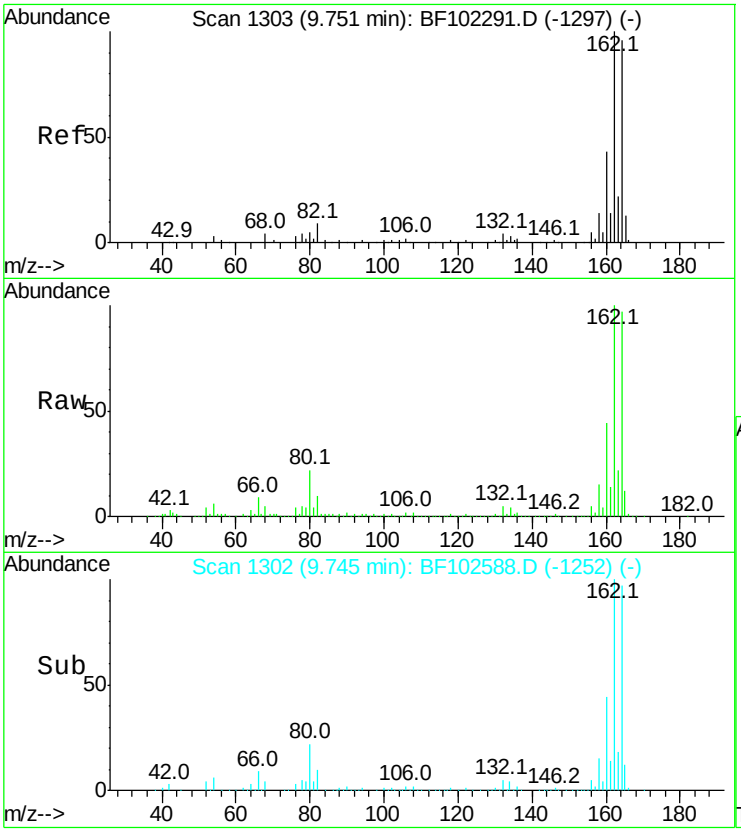


#25
Isophorone
Concen: 43.548 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion: 82 Resp: 957759

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



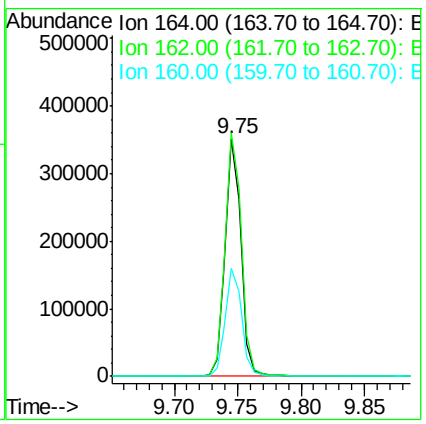


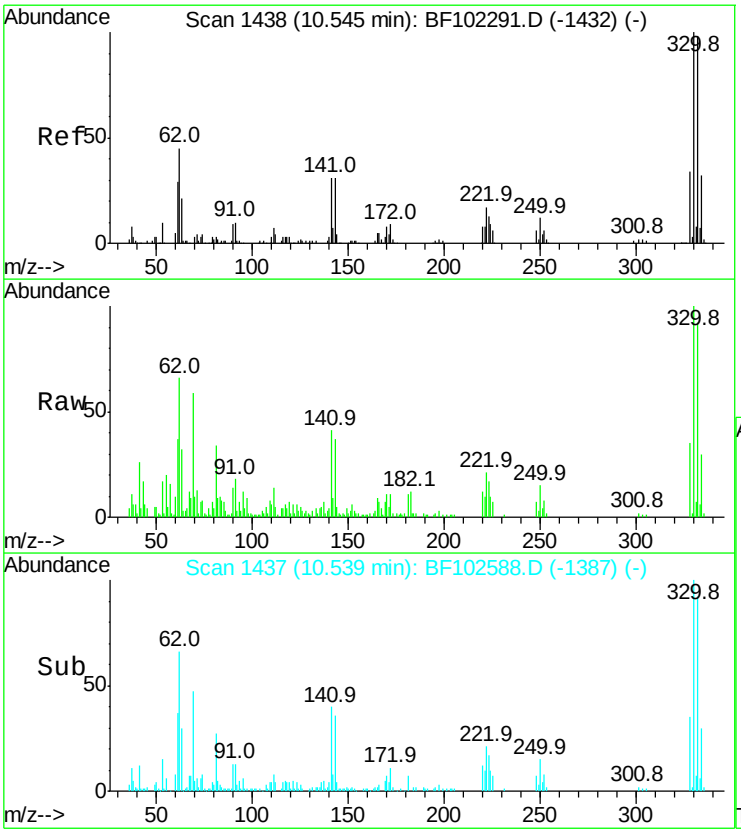
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 305592

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.3	38.3	57.5

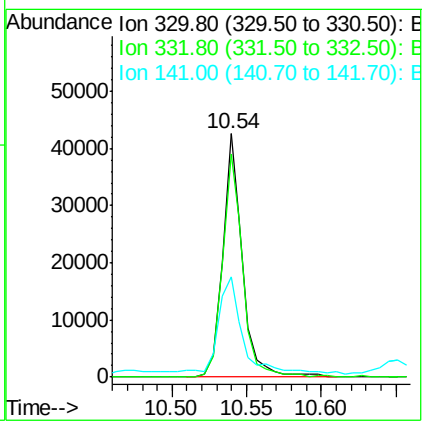


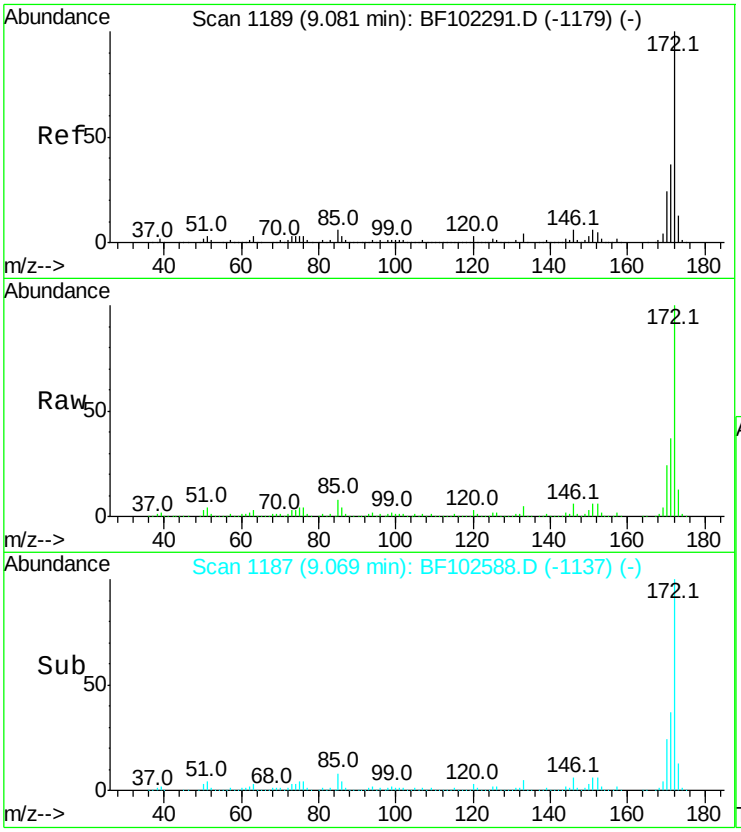


#41
2,4,6-Tribromophenol
Concen: 13.048 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:330 Resp: 39508

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	49.8	29.9	44.9#



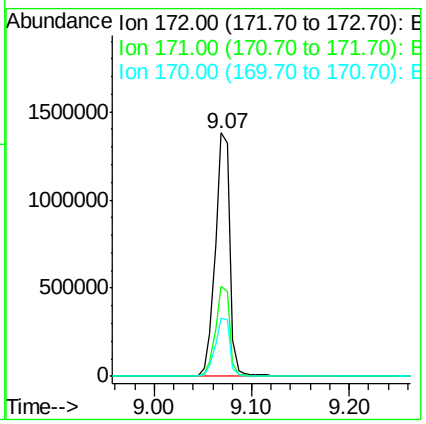


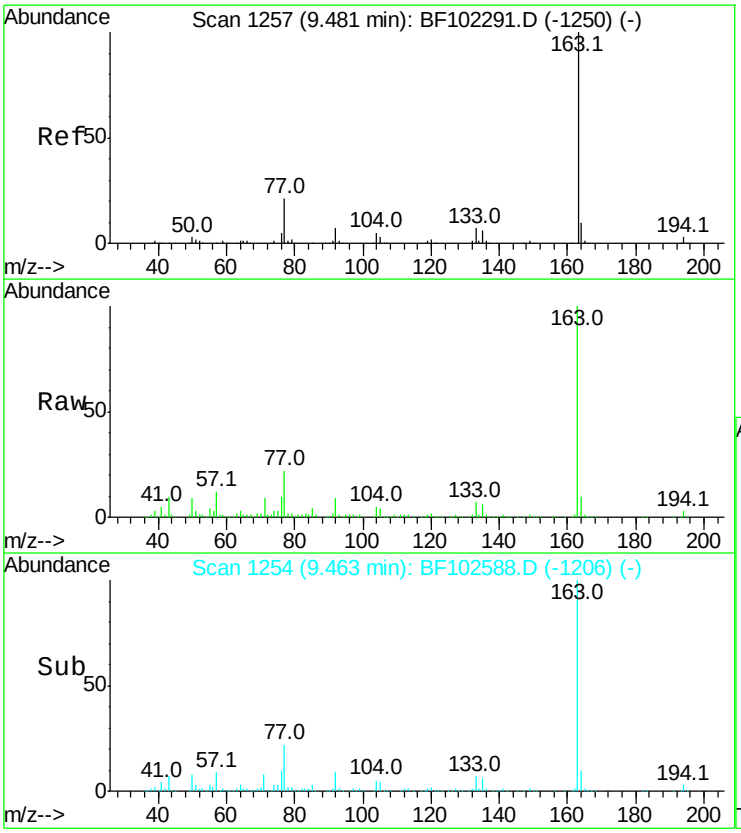
#44
2-Fluorobiphenyl
Concen: 69.074 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1435609

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.0	19.6	29.4

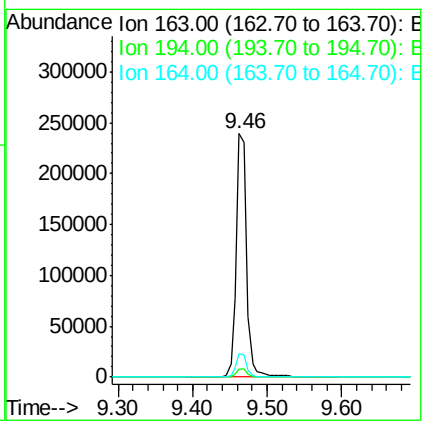


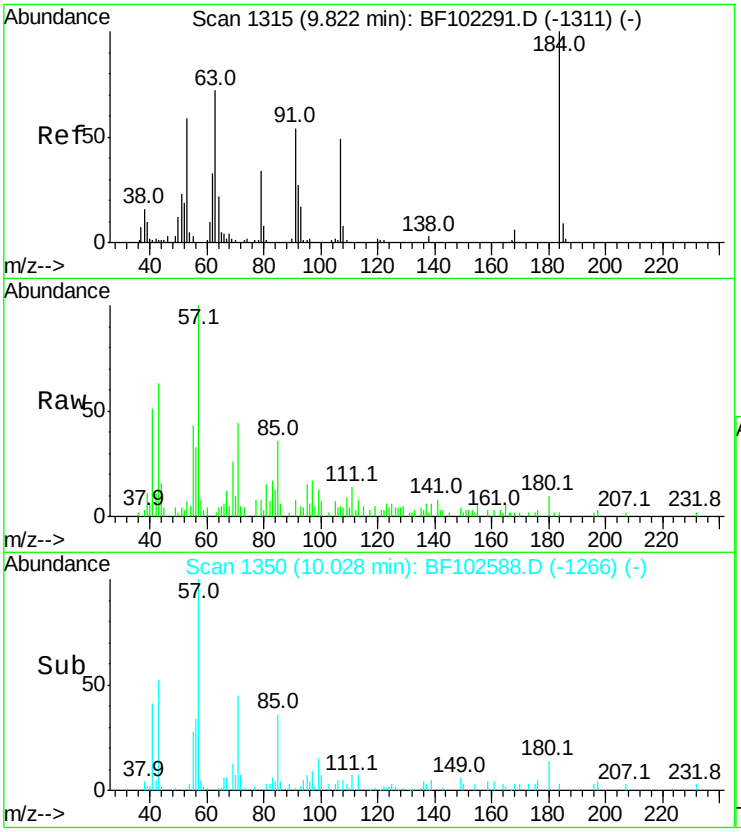


#49
Dimethylphthalate
Concen: 9.286 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:163 Resp: 234561

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.5	8.2	12.2



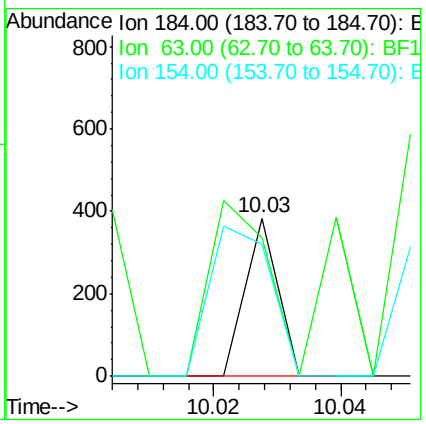


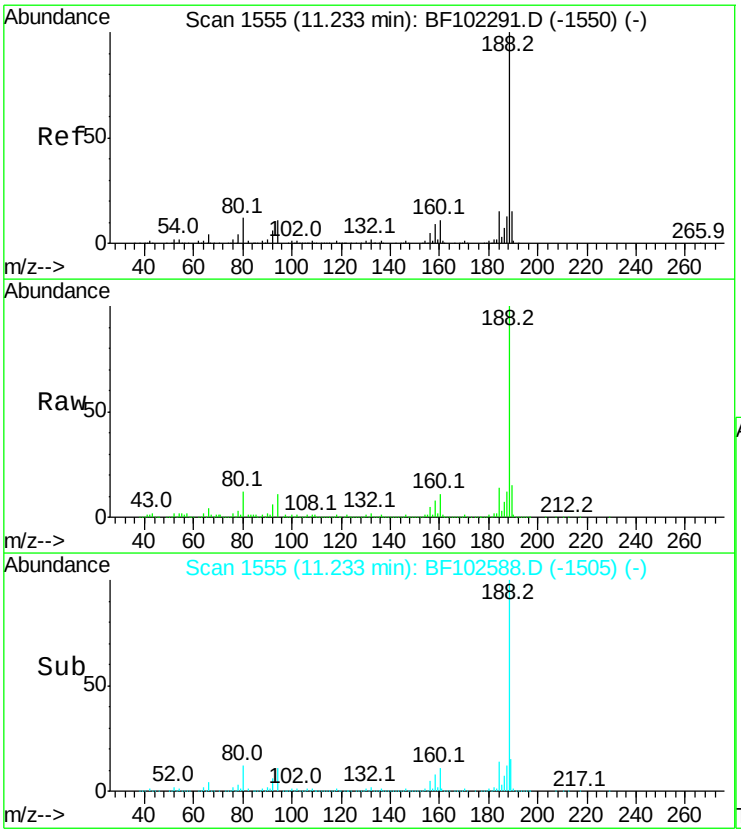
#53
2,4-Dinitrophenol
Concen: 3.748 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.19 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 135

Ion	Ratio	Lower	Upper
184	100		
63	87.8	54.2	81.2#
154	83.3	184.0	276.0#

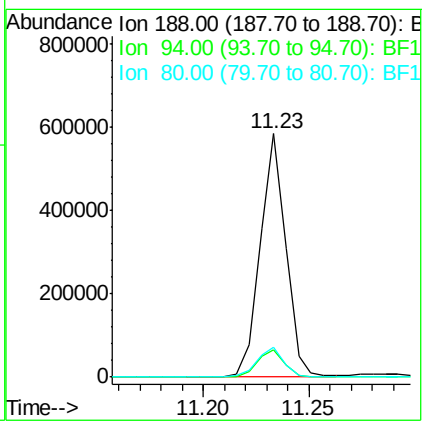


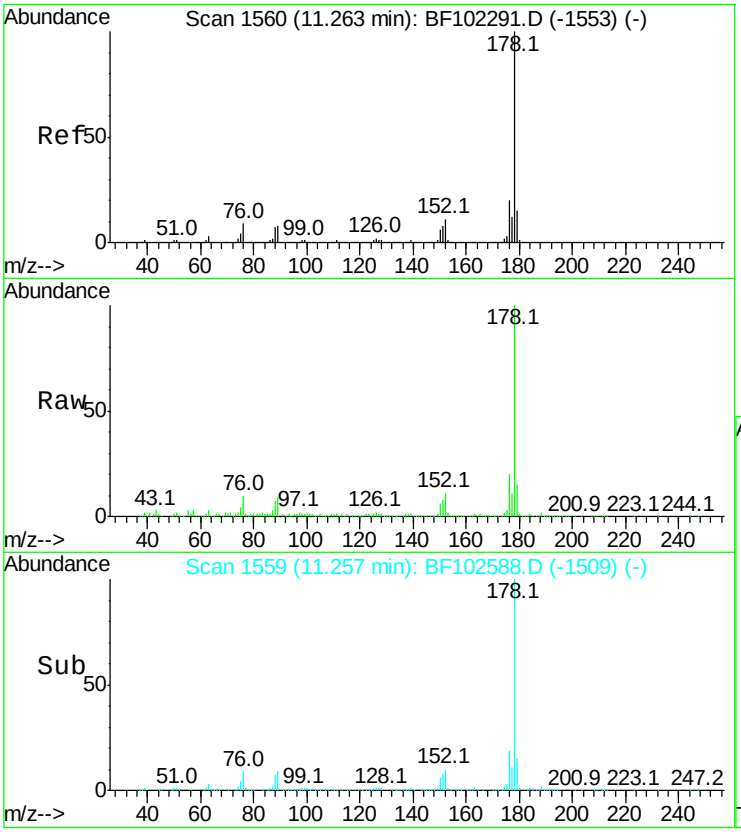


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:188 Resp: 496400

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8



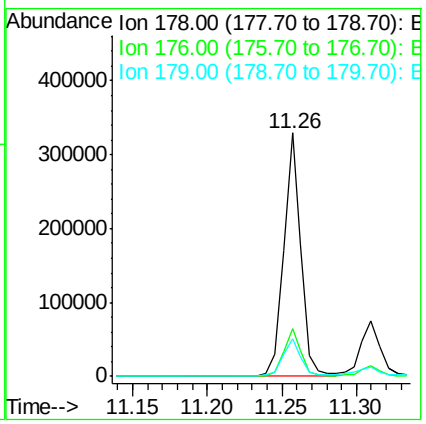


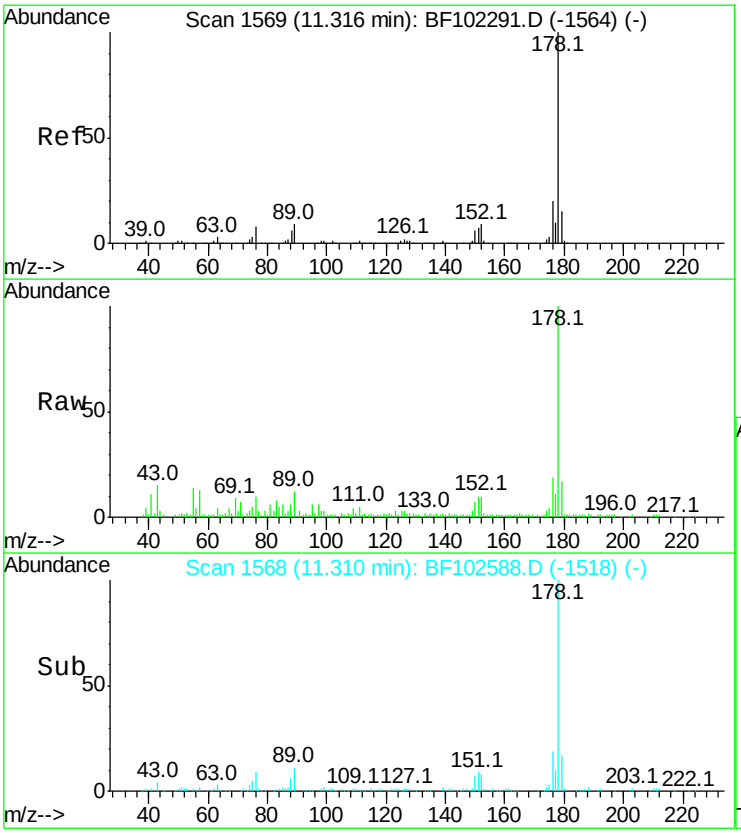
#70
Phenanthrene
Concen: 9.231 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 267030

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6

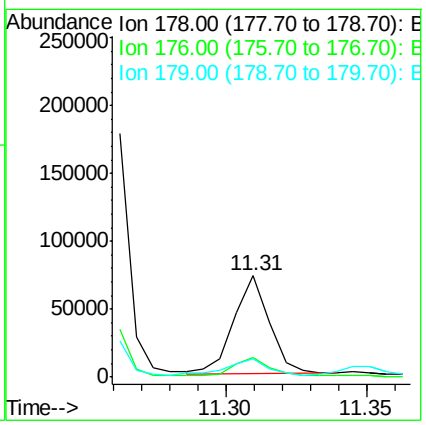


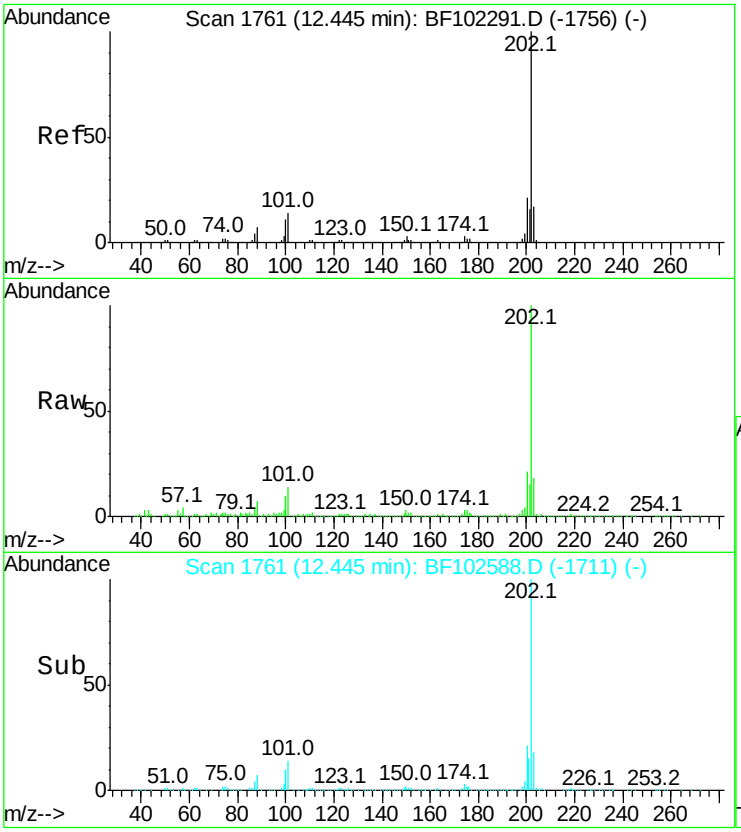


#71
Anthracene
Concen: 2.155 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:178 Resp: 63615

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.5	12.6	19.0



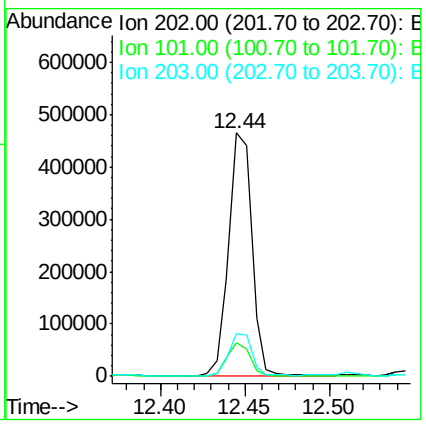


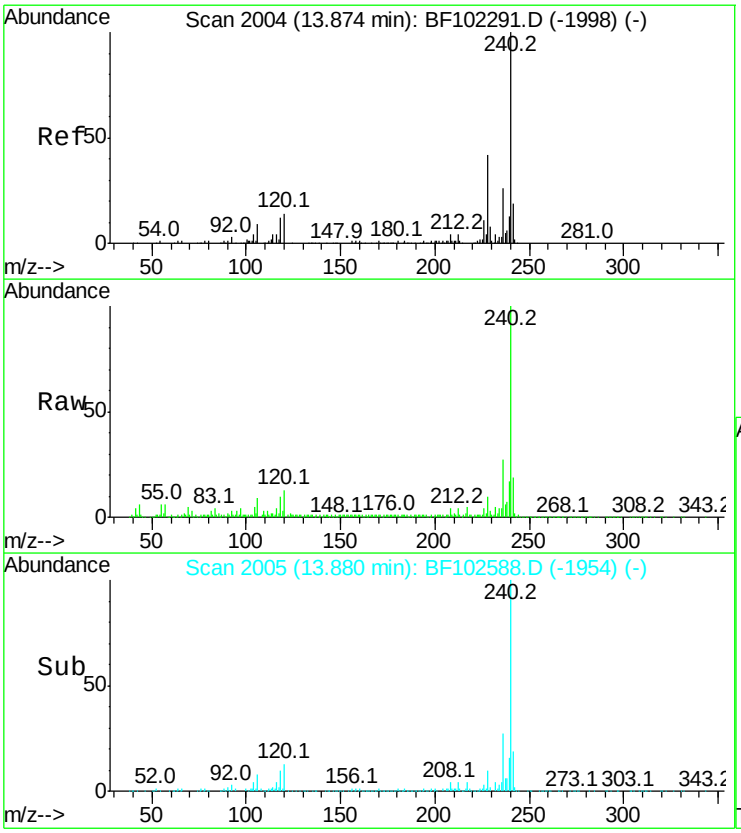
#74
Fluoranthene
Concen: 15.054 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 444047

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.7	0.0	38.1

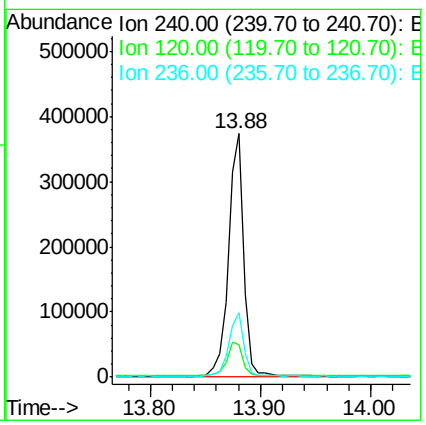


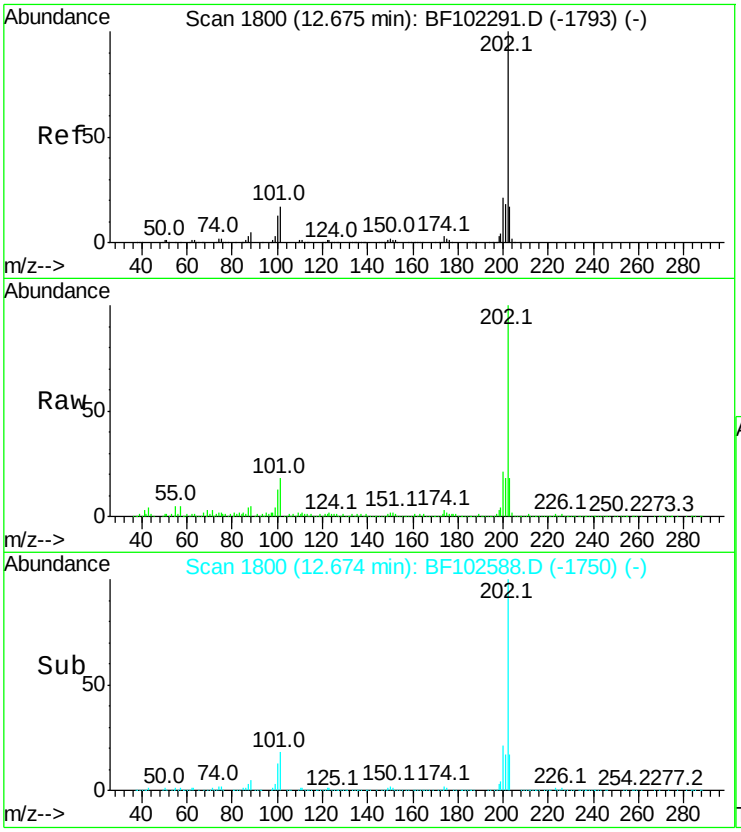


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:240 Resp: 363999

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.7	20.7	31.1



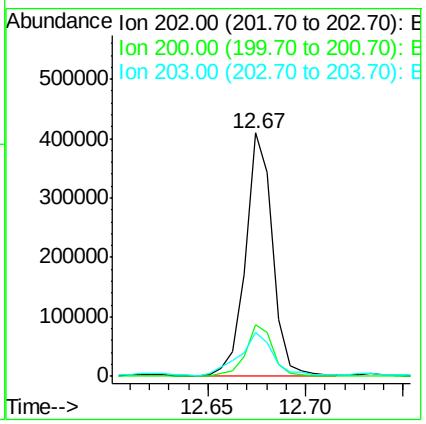


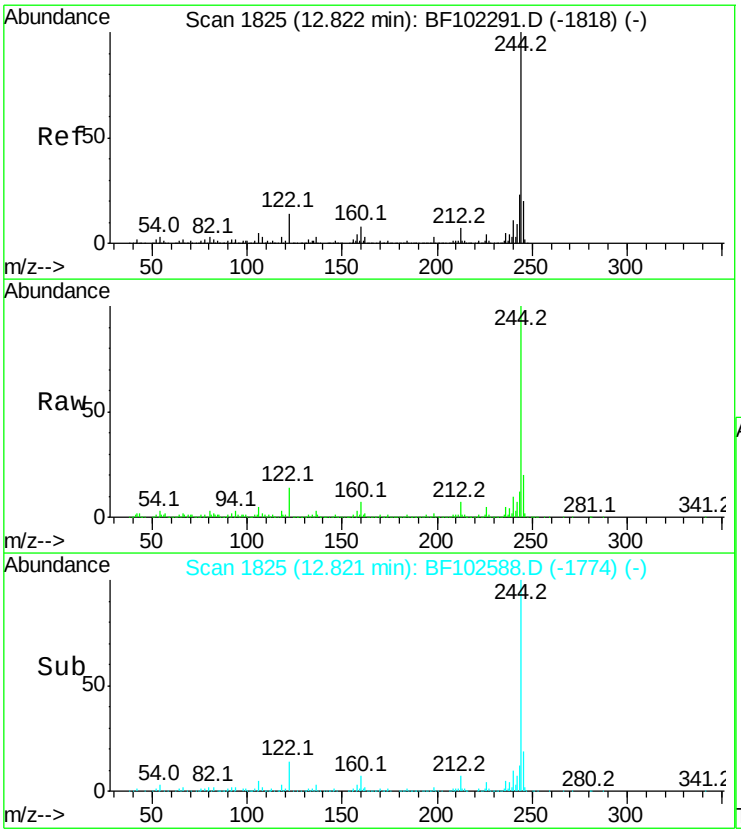
#77
Pyrene
Concen: 13.816 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 388832

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5

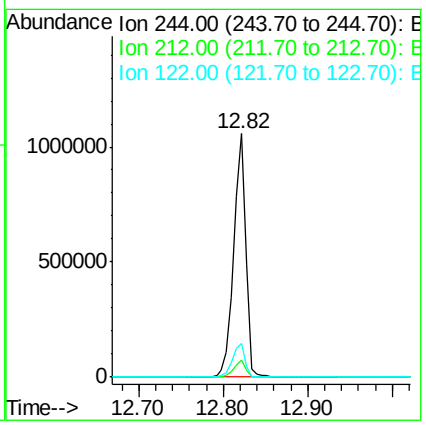


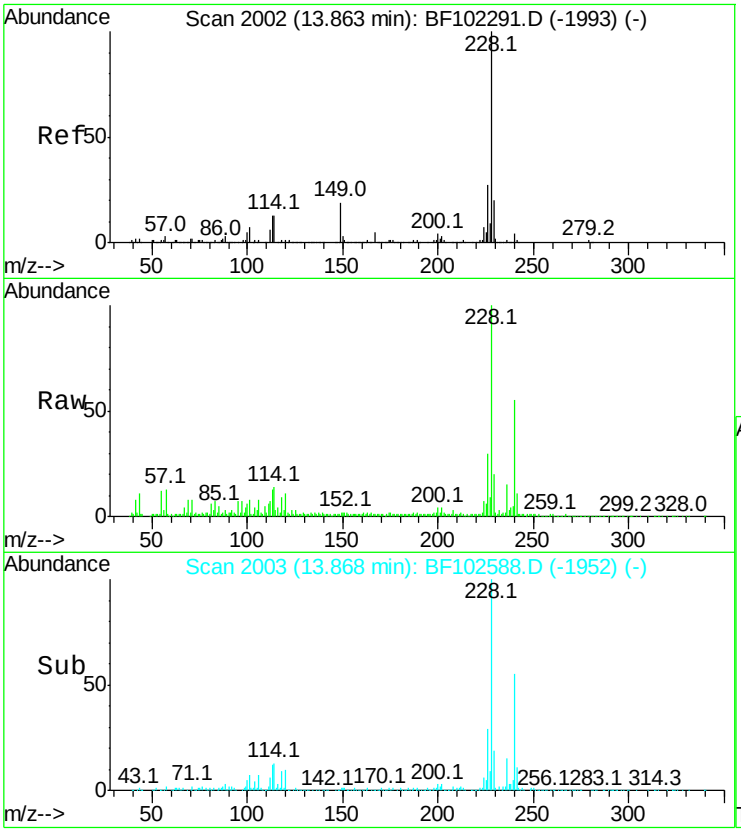


#78
Terphenyl-d14
Concen: 63.419 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:244 Resp: 1023993

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4



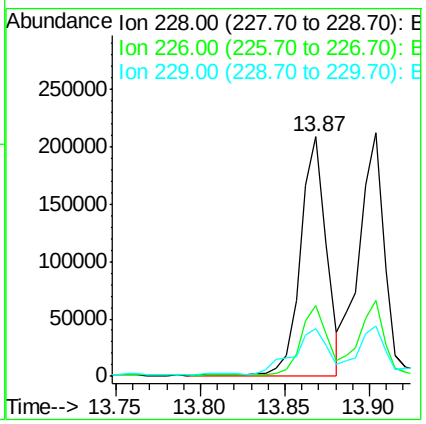


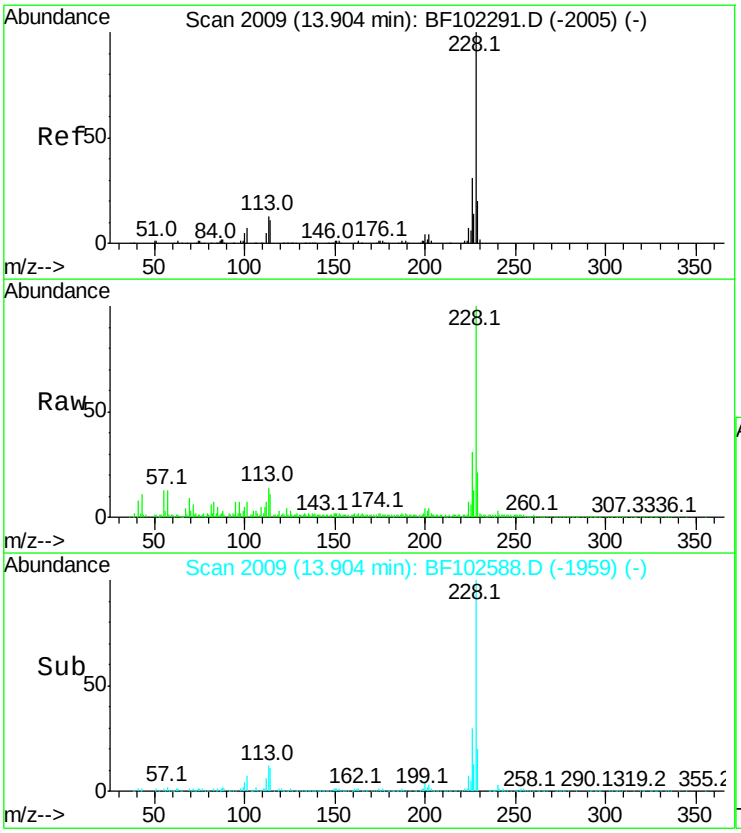
#80
Benzo(a)anthracene
Concen: 9.775 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 219053

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.2	15.8	23.6

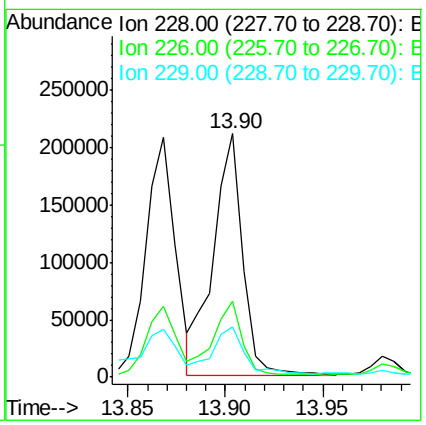


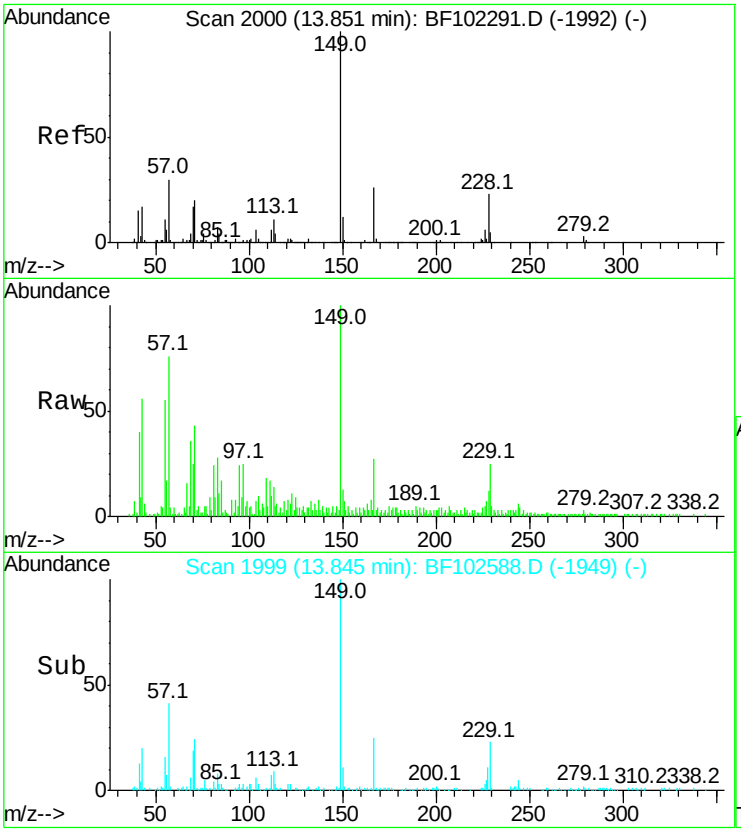


#82
Chrysene
Concen: 9.780 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:228 Resp: 222578

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.9	16.2	24.4



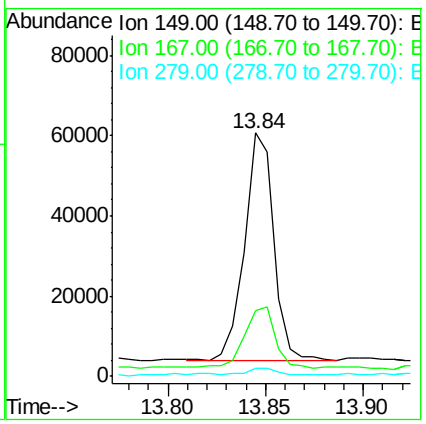


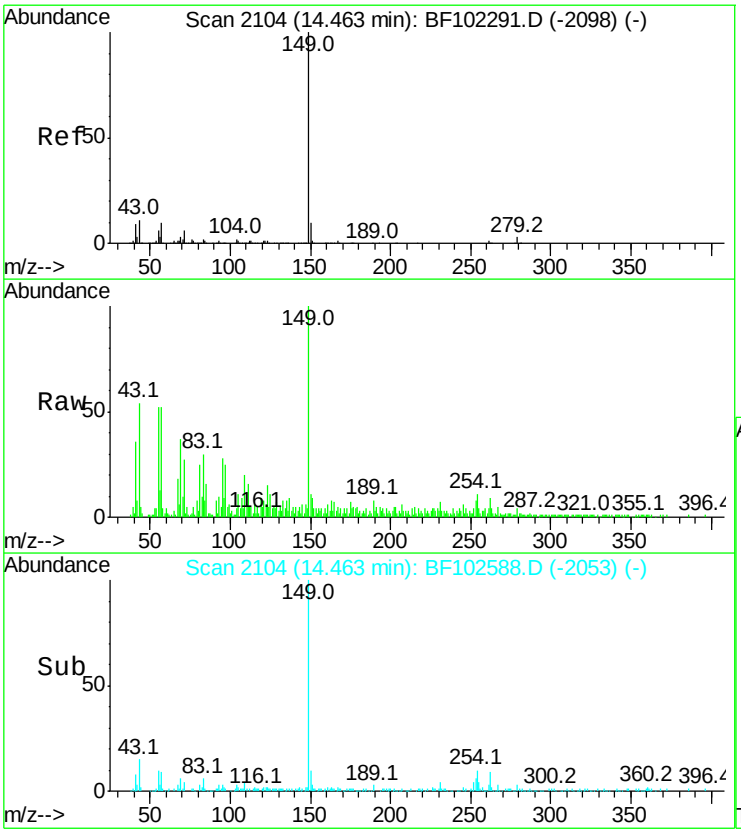
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.142 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 59135

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.1	3.0	4.4

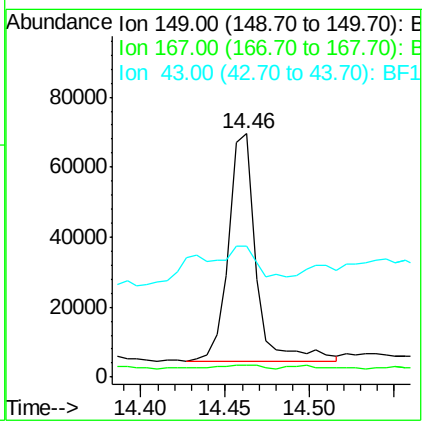


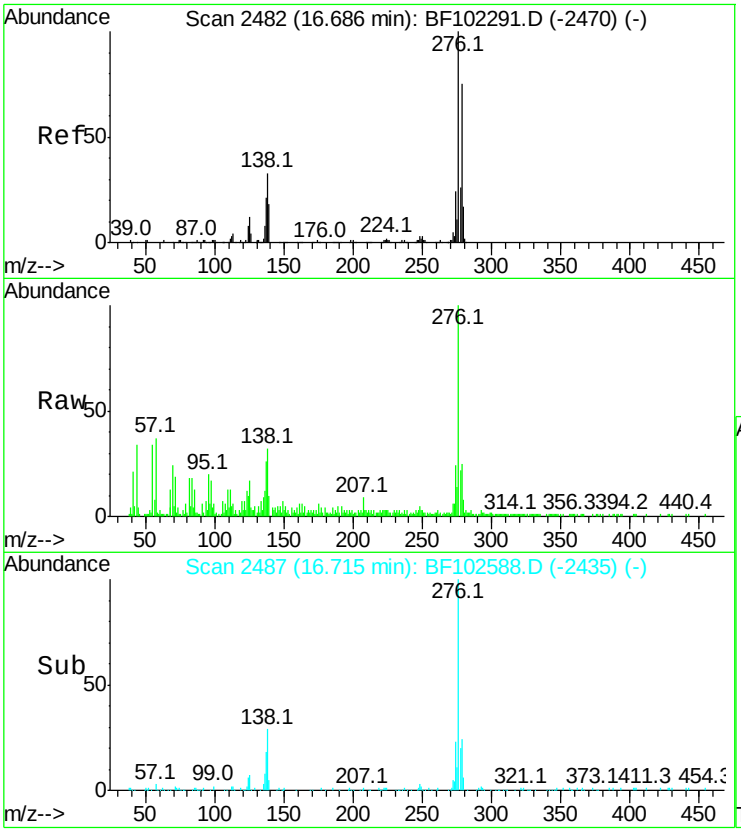


#84
Di-n-octyl phthalate
Concen: 2.388 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:149 Resp: 73087

Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	14.2	8.4	12.6#



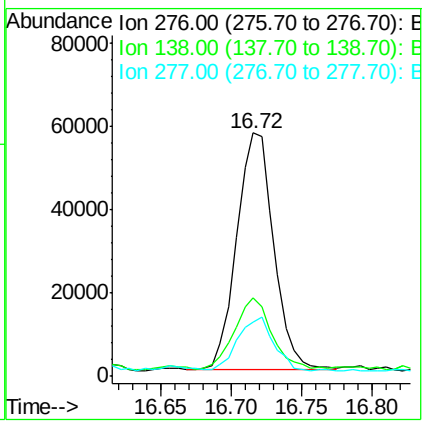


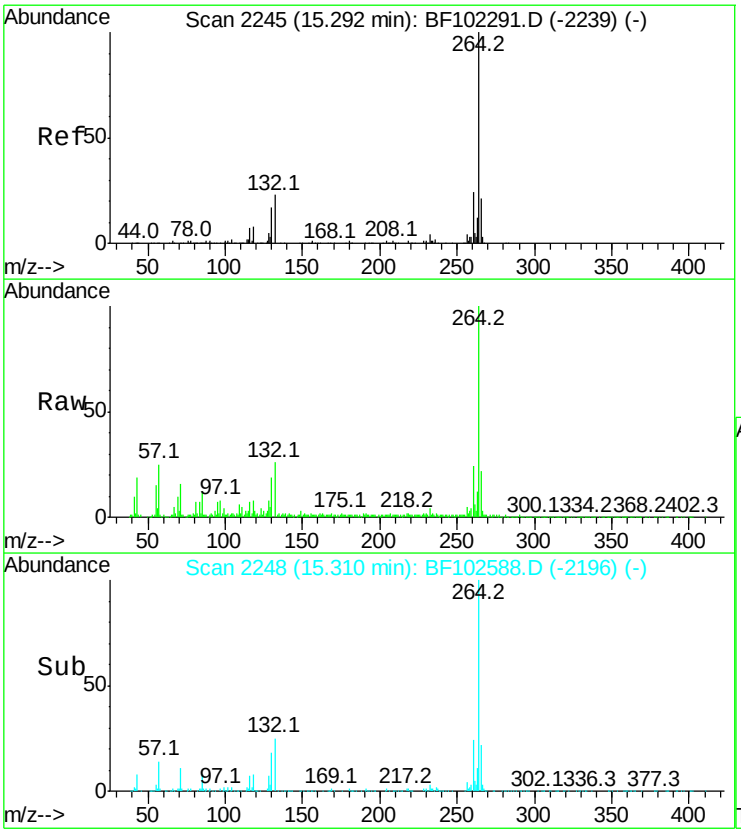
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.598 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 105213

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.0	37.6
277	21.9	20.1	30.1

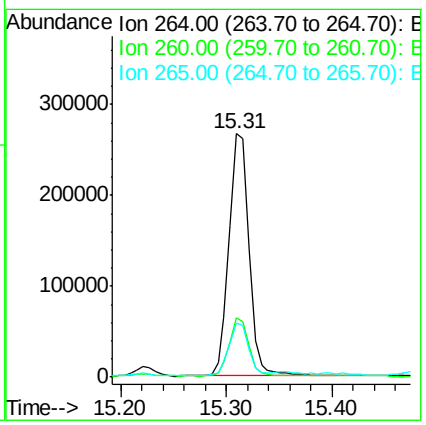


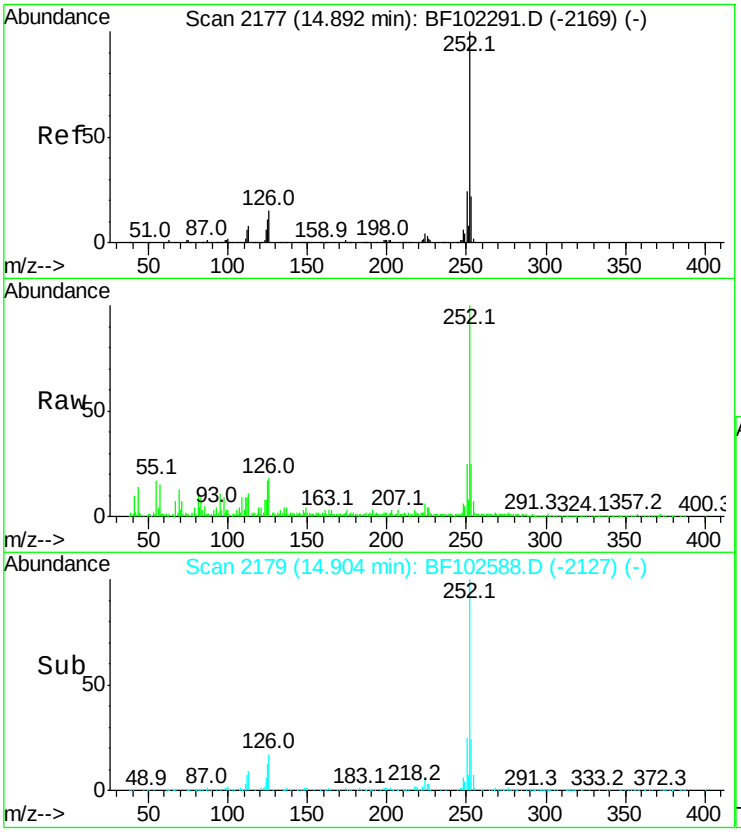


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:264 Resp: 349835

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3



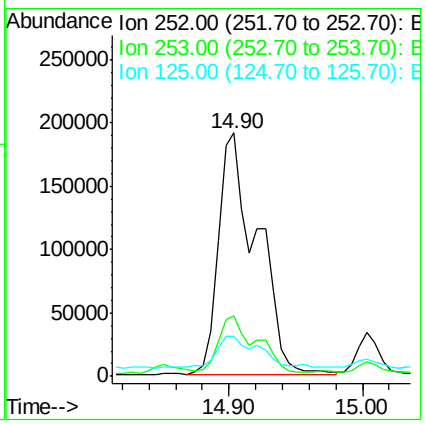


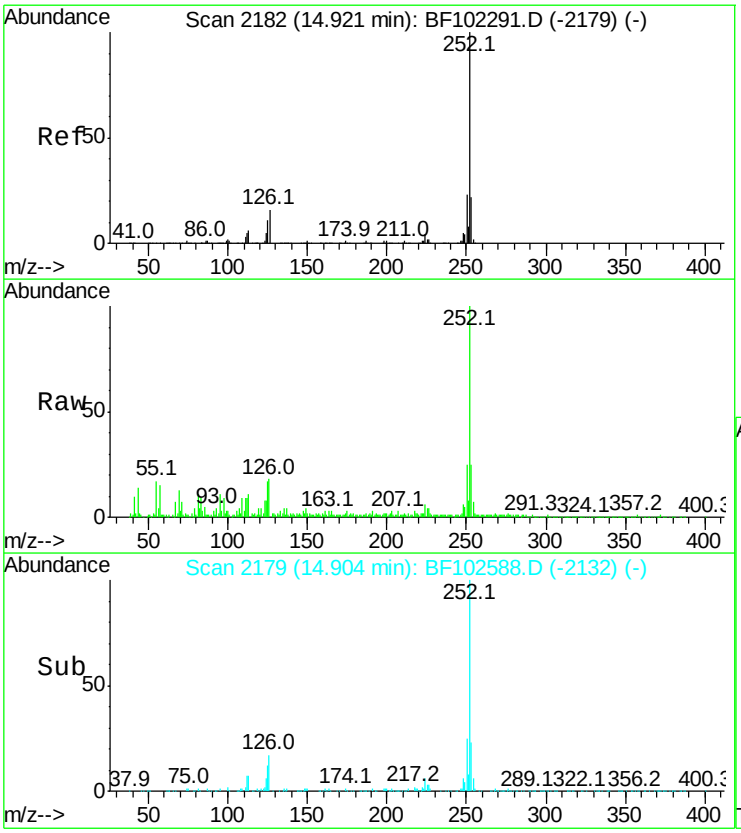
#87
Benzo(b)fluoranthene
Concen: 16.909 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 383402

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	16.6	9.0	13.6#

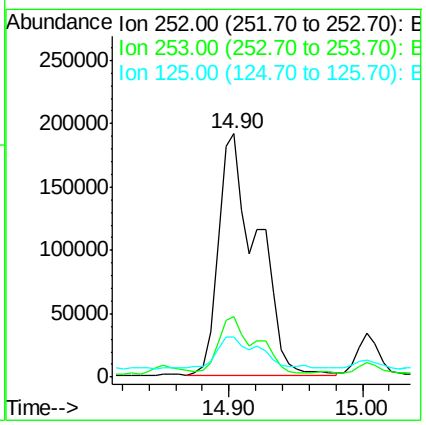


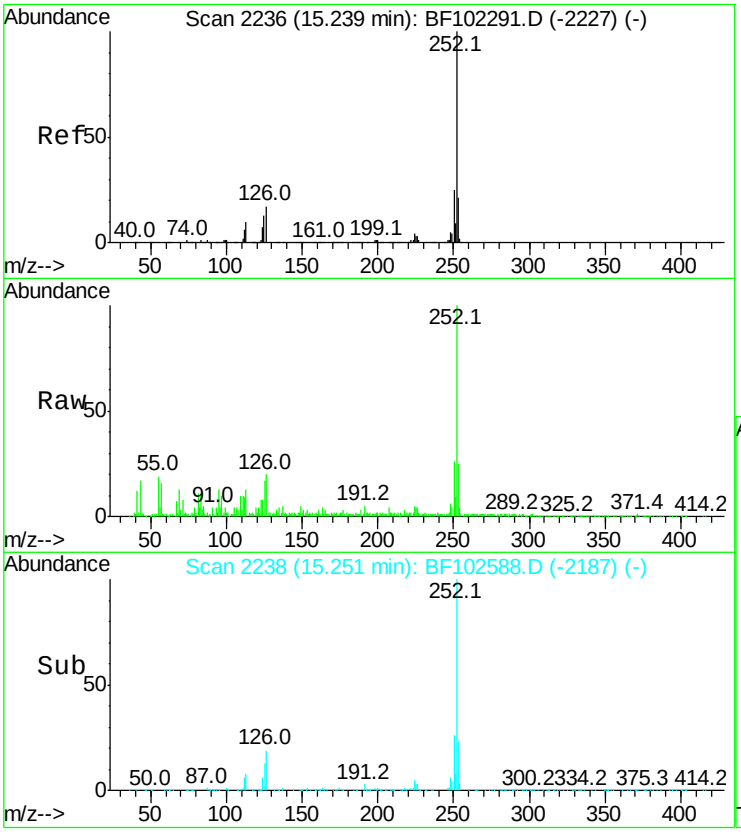


#88
Benzo(k)fluoranthene
Concen: 17.897 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:252 Resp: 383402

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	16.6	10.2	15.2#



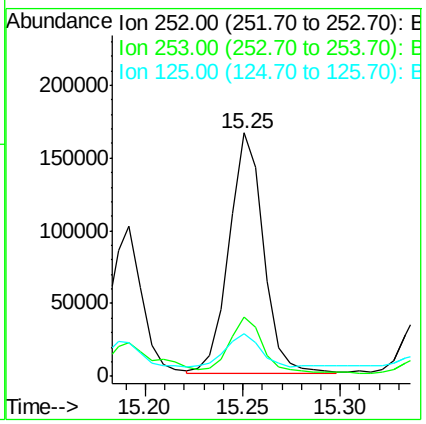


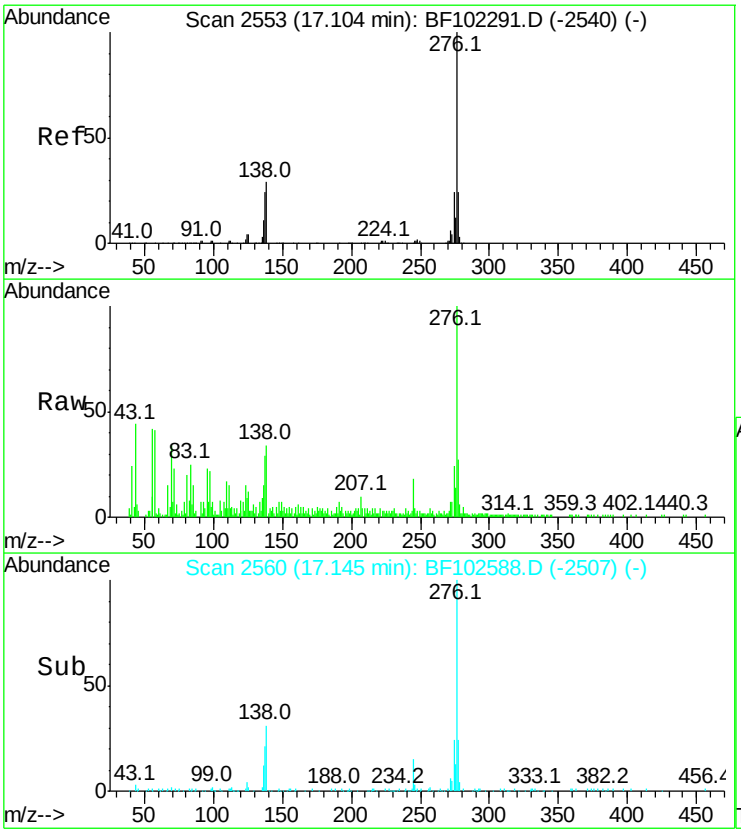
#89
Benzo(a)pyrene
Concen: 9.897 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 202386

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	17.4	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.802 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF102588.D
Acq: 29 Jan 2018 10:58

Tgt Ion:276 Resp: 94904

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	33.9	21.8	32.8#