Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102413.D
Acq On : 25 Jan 2018 1:55
Operator : SJ/JU
Sample : J1235-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 25 02:56:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122690	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	502702	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	225043	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	363685	20.00	ng		0.00
75) Chrysene-d12	13.87	240	221446	20.00	ng		0.00
86) Perylene-d12	15.30	264	226226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	910512	112.53	ng		0.00
7) Phenol-d6	6.36	99	1101125	112.88	ng		0.00
23) Nitrobenzene-d5	7.29	82	664800	76.00	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	212023	95.08	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1024642	66.95	ng		0.00
78) Terphenyl-d14	12.82	244	768512	78.24	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	20171	2.973	ng		84
10) Phenol	6.37	94	45582	4.280	ng		84
18) Hexachloroethane	7.25	117	43902	12.467	ng	#	1
25) Isophorone	7.29	82	649443	41.644	ng	#	64
49) Dimethylphthalate	9.47	163	151132	8.125	ng		98
56) 2,4-Dinitrotoluene	9.75	165	29146	5.910	ng	#	24
66) 4-Bromophenyl-phenylether	10.54	248	14182	3.622	ng	#	1
70) Phenanthrene	11.26	178	190977	9.011	ng		99
74) Fluoranthene	12.46	202	274296	12.692	ng		97
77) Pyrene	12.67	202	223873	13.076	ng		100
80) Benzo(a)anthracene	13.86	228	92316	6.771	ng		95
82) Chrysene	13.90	228	106766	7.712	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	108925	9.526	ng		96
87) Benzo(b)fluoranthene	14.89	252	222049	15.144	ng		98
88) Benzo(k)fluoranthene	14.89	252	222049	16.029	ng		99
89) Benzo(a)pyrene	15.24	252	101334	7.663	ng		96
90) Dibenzo(a,h)anthracene	16.69	278	26634	2.486	ng	#	74
91) Benzo(g,h,i)perylene	17.10	276	120359	11.379	ng		98

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

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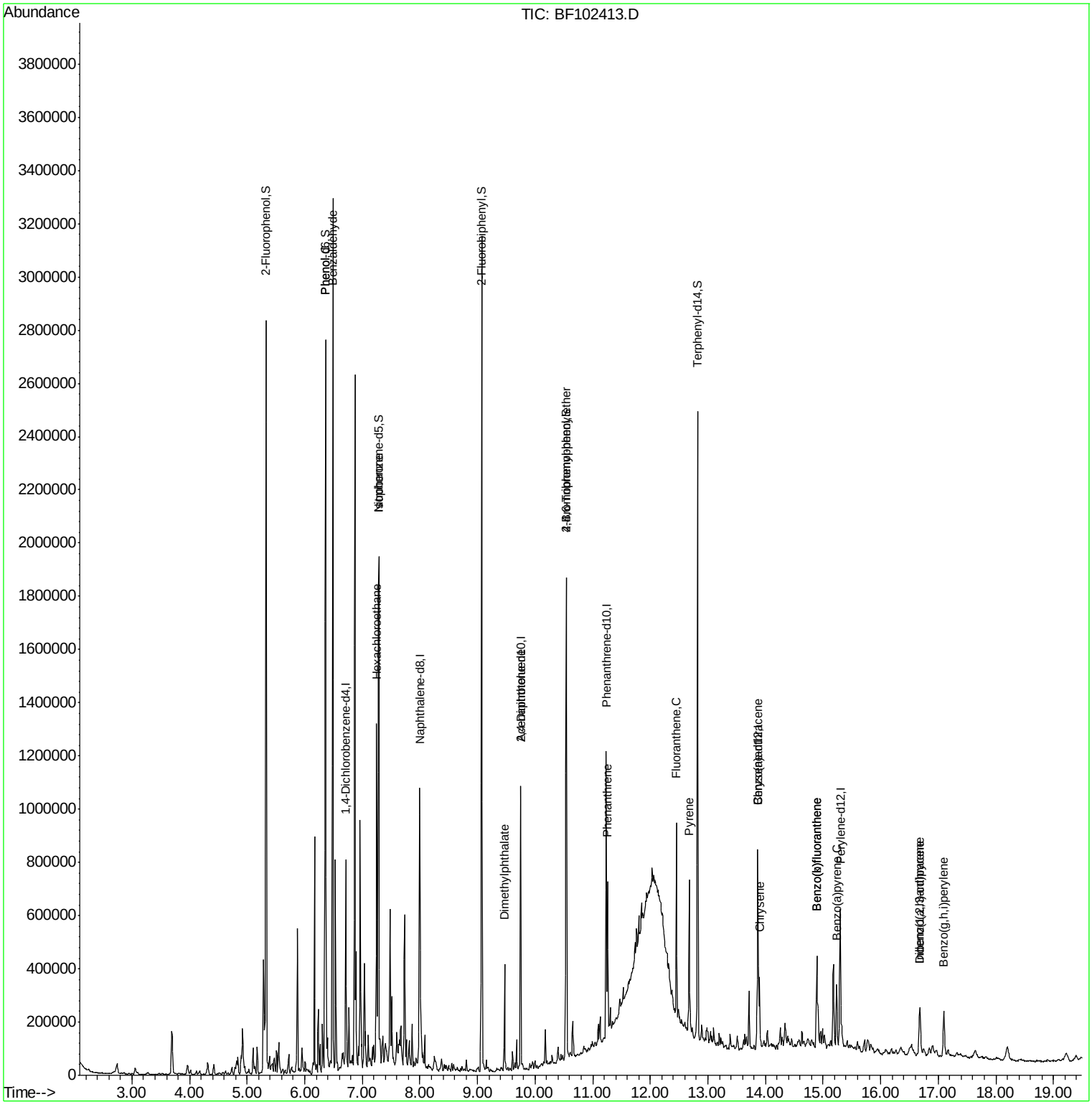
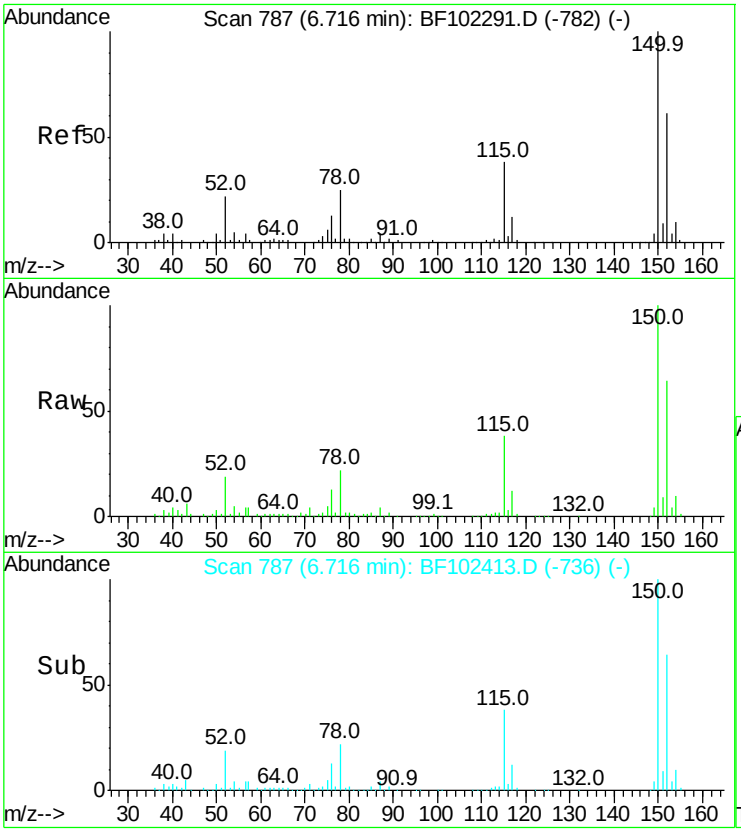


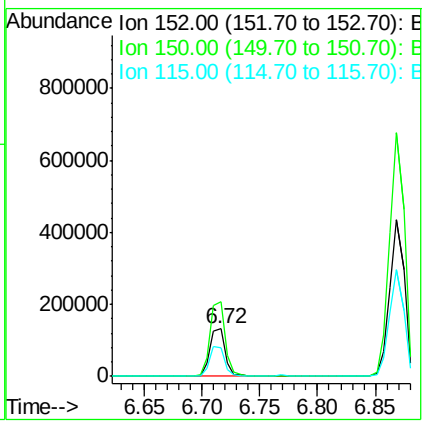


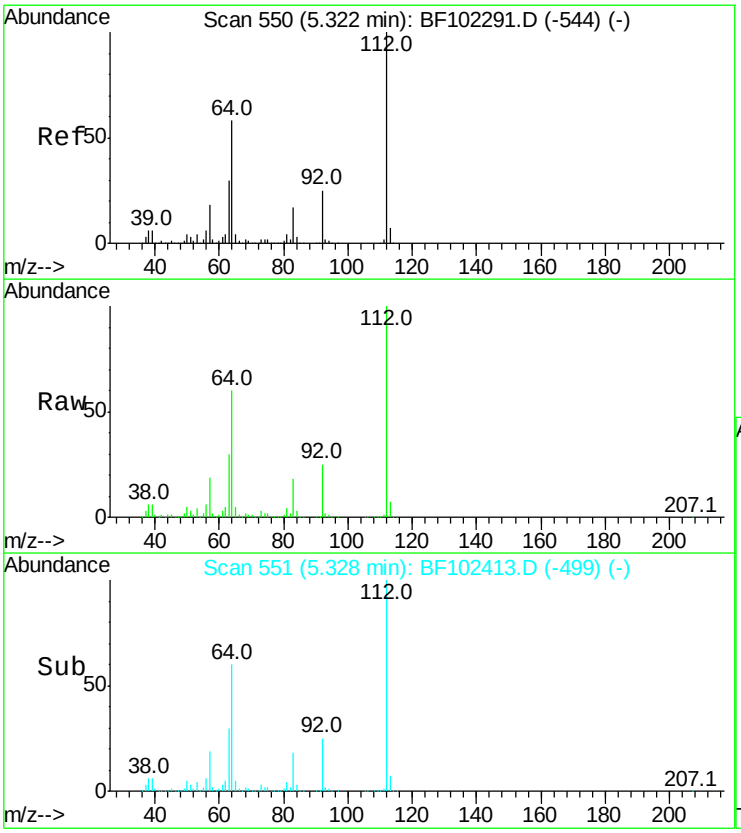
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122690

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.0	50.1	75.1

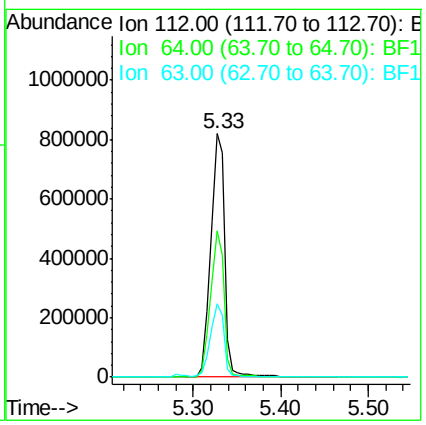


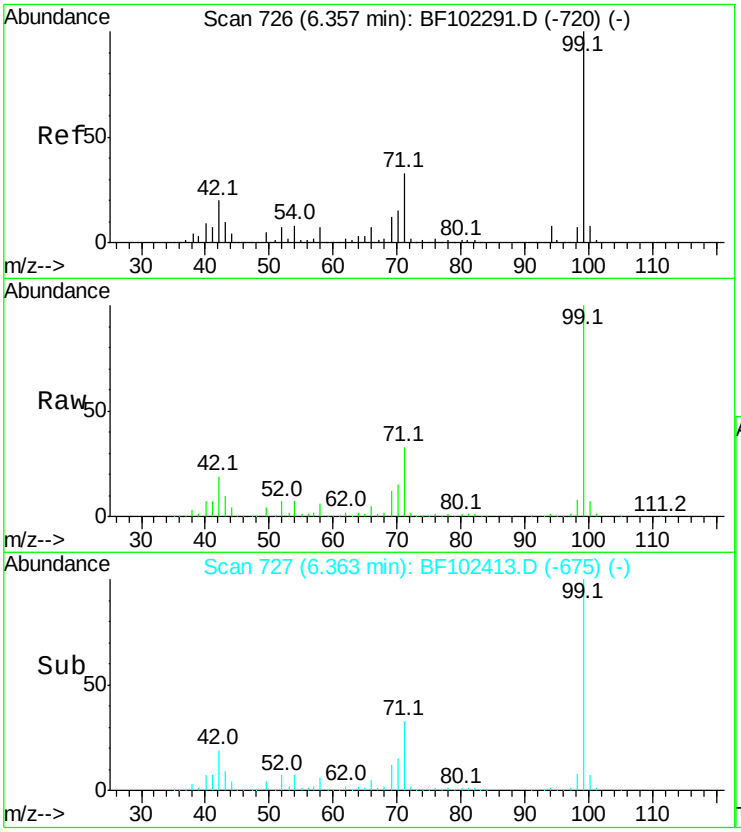


#5
2-Fluorophenol
Concen: 112.525 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:112 Resp: 910512

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.4	23.7	35.5



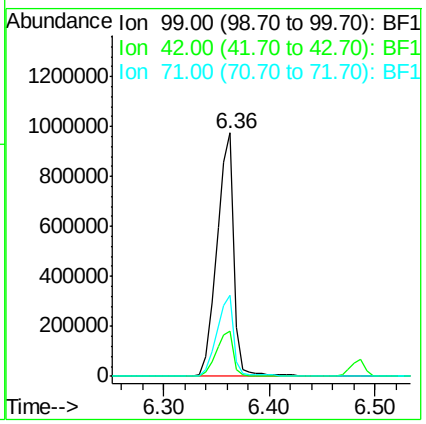


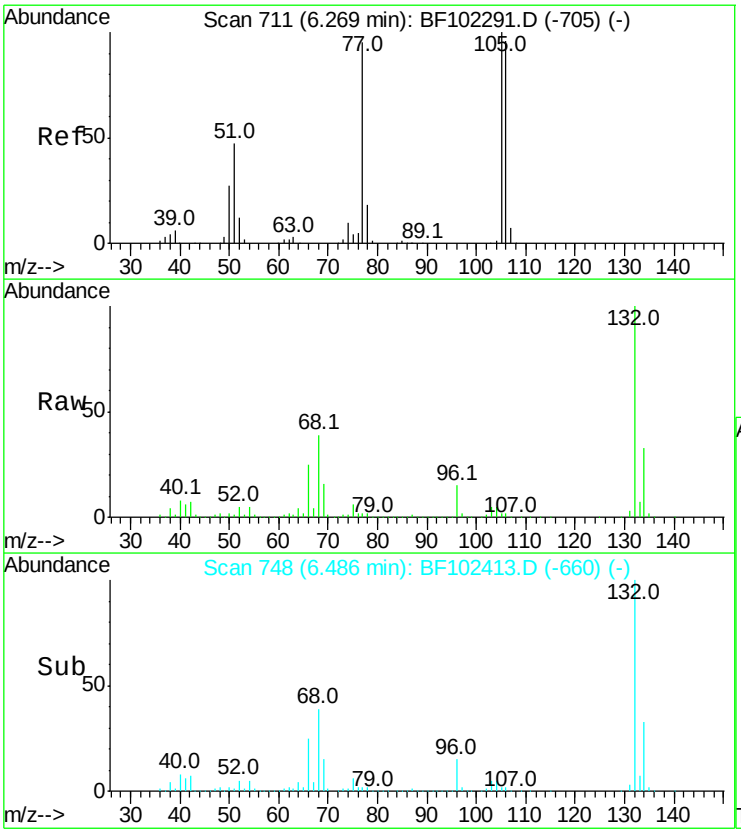
#7
Phenol-d6
Concen: 112.876 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1101125

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.2	25.4	38.0

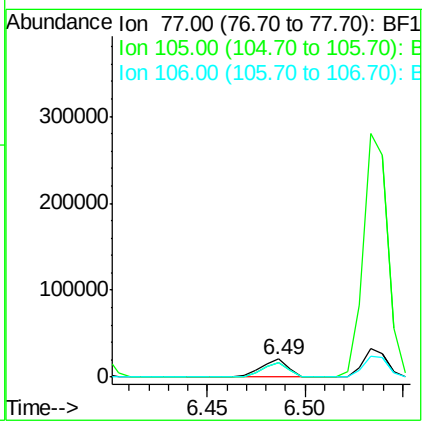


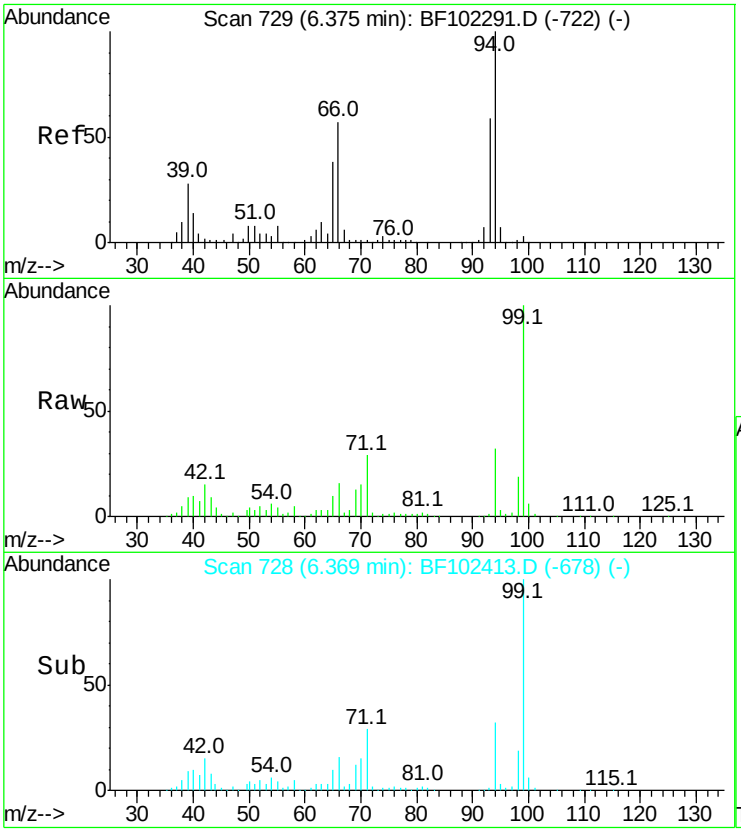


#9
Benzaldehyde
Concen: 2.973 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion: 77 Resp: 20171

Ion	Ratio	Lower	Upper
77	100		
105	82.7	81.1	121.1
106	81.1	74.5	114.5



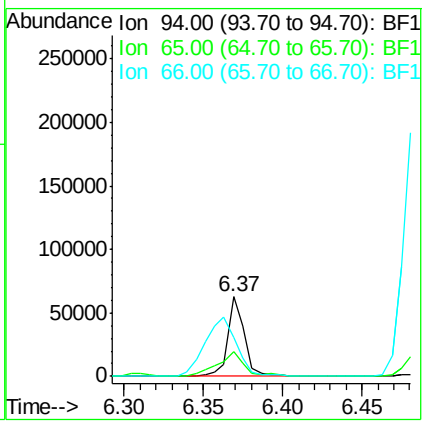


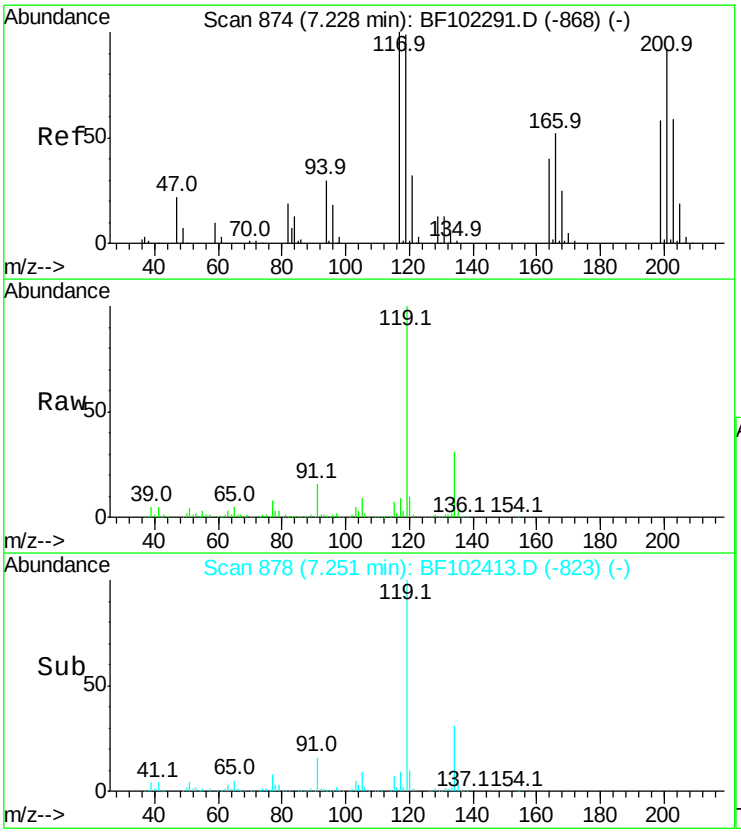
#10
Phenol
Concen: 4.280 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 45582

Ion	Ratio	Lower	Upper
94	100		
65	31.9	7.9	47.9
66	49.3	16.2	56.2

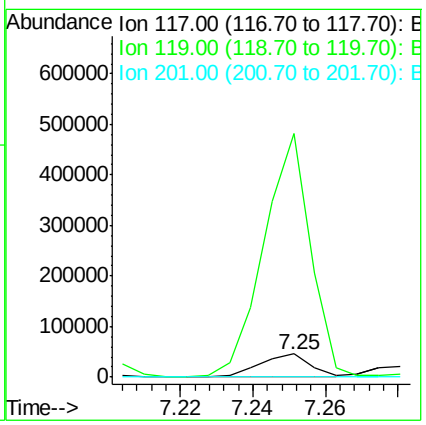


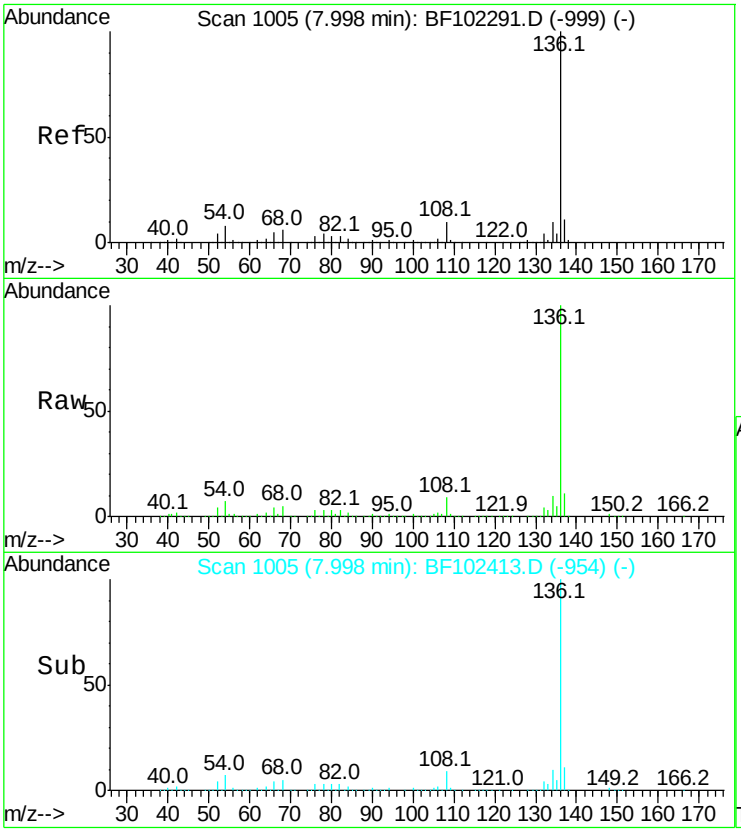


#18
Hexachloroethane
Concen: 12.467 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:117 Resp: 43902

Ion	Ratio	Lower	Upper
117	100		
119	1061.4	75.8	113.8#
201	0.0	75.7	113.5#



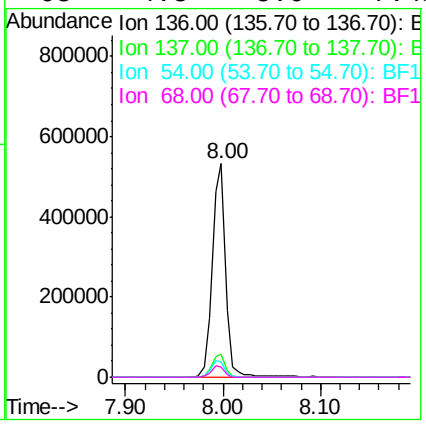


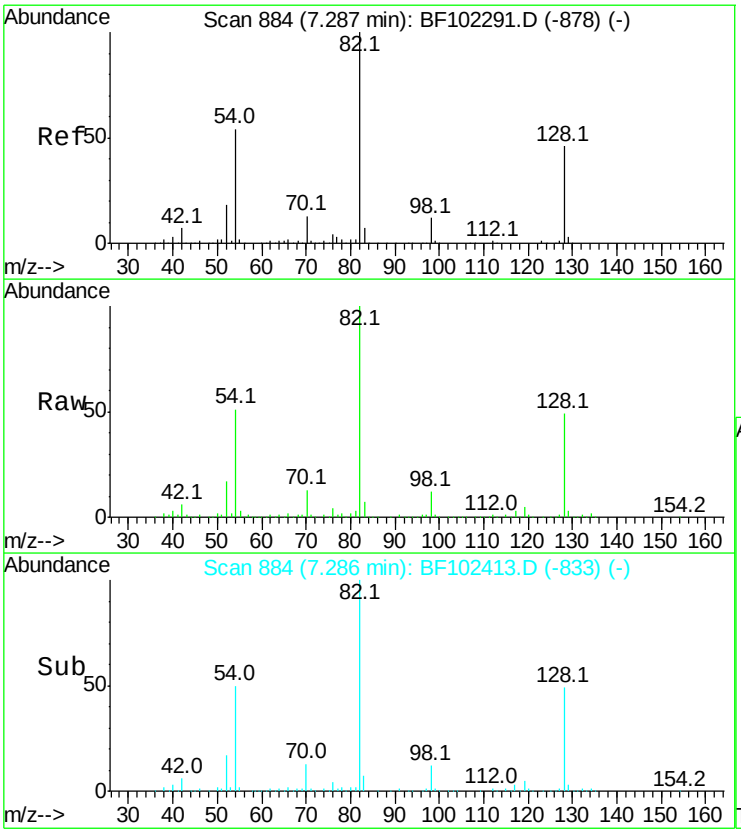
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 502702

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.3	6.6	9.8
68	4.8	5.0	7.4#

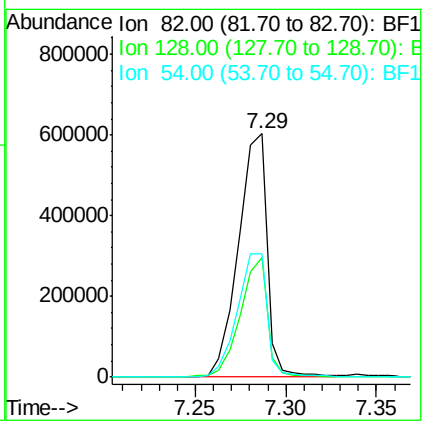


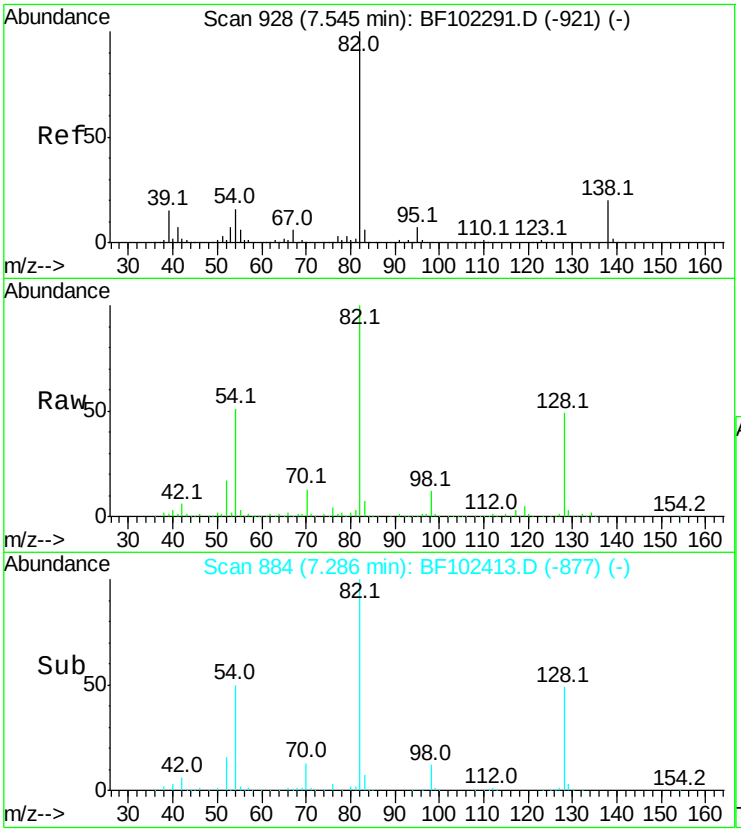


#23
Nitrobenzene-d5
Concen: 75.997 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion: 82 Resp: 664800

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	50.5	41.4	62.2

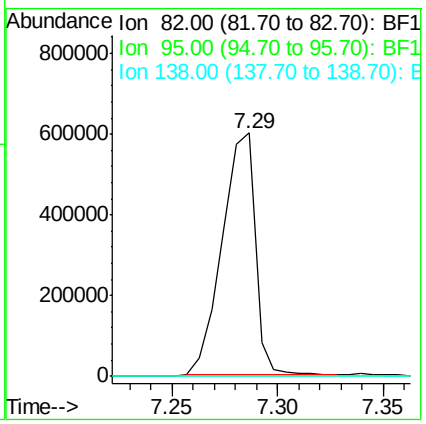




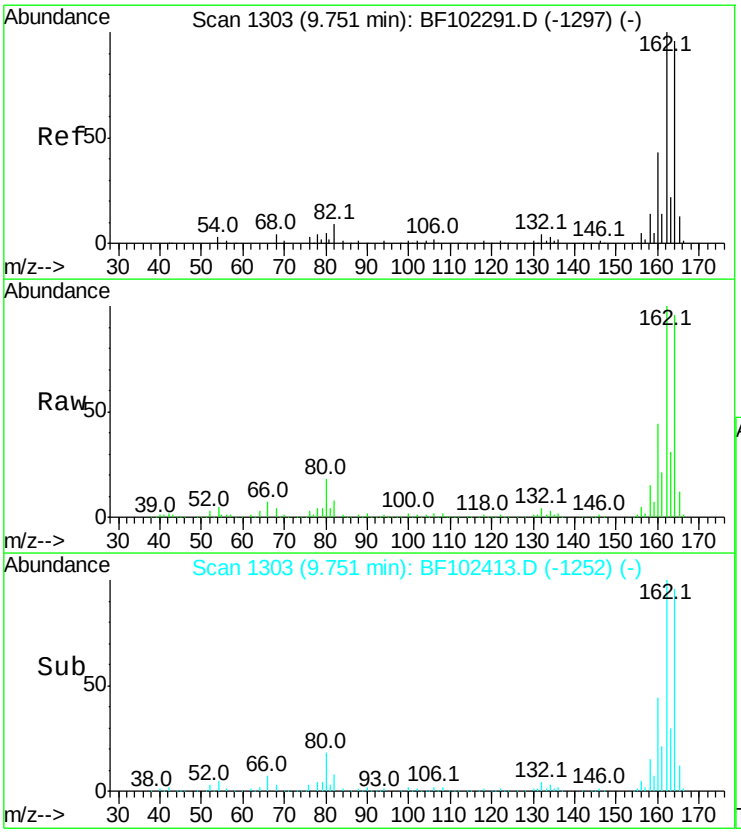
#25
Isophorone
Concen: 41.644 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion: 82 Resp: 649443

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



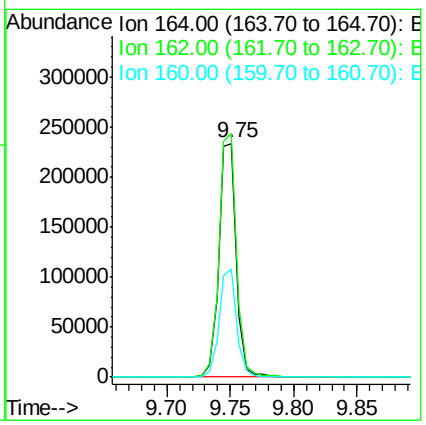
Instrument :
BNA_F
ClientSampleId :

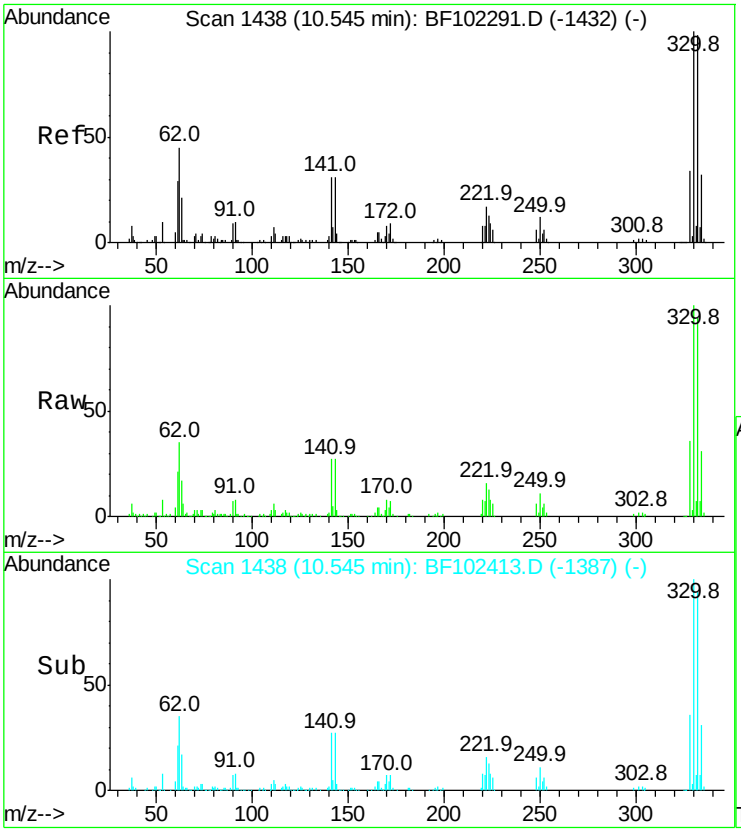


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:164 Resp: 225043

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.2	38.3	57.5



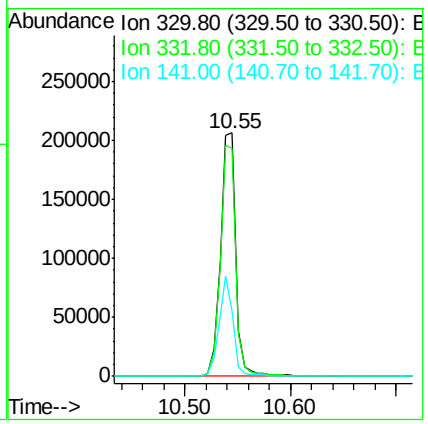


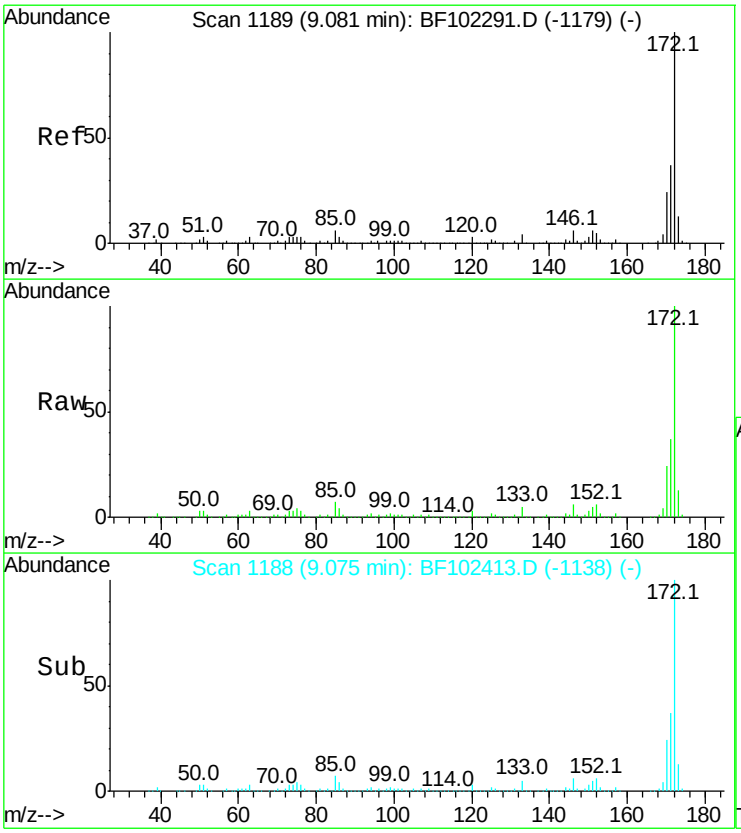
#41
2,4,6-Tribromophenol
Concen: 95.084 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212023

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.1	29.9	44.9

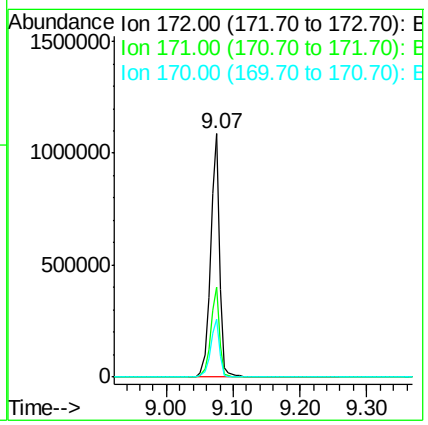


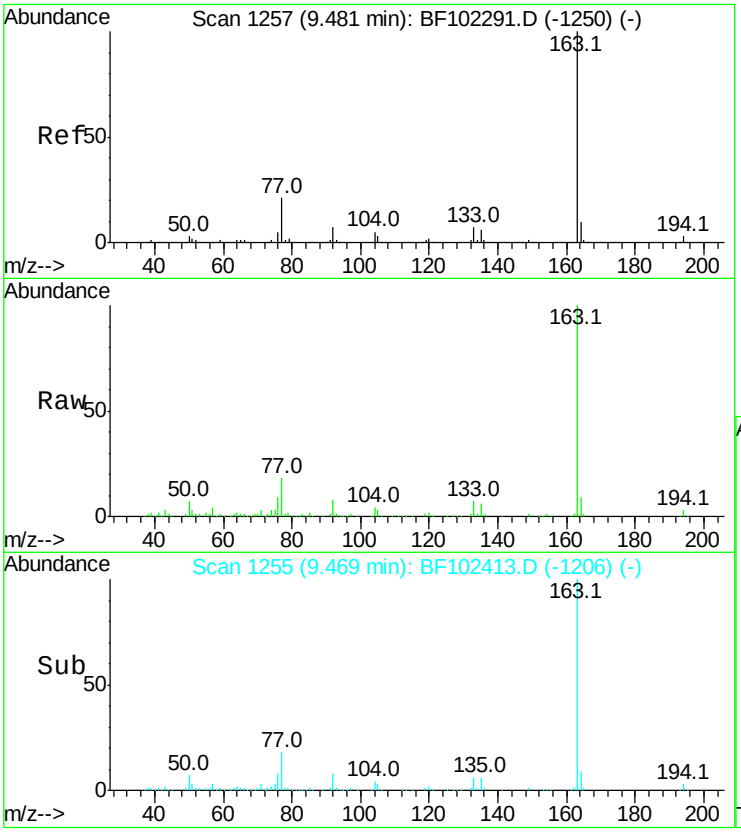


#44
2-Fluorobiphenyl
Concen: 66.947 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:172 Resp: 1024642

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.8	19.6	29.4



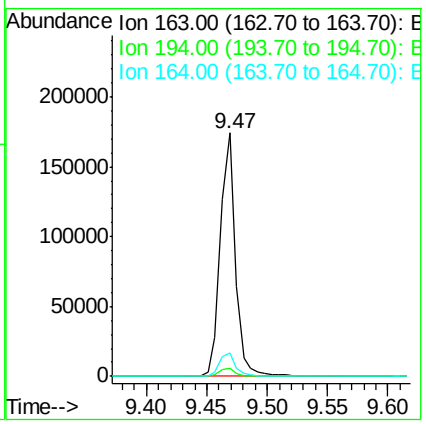


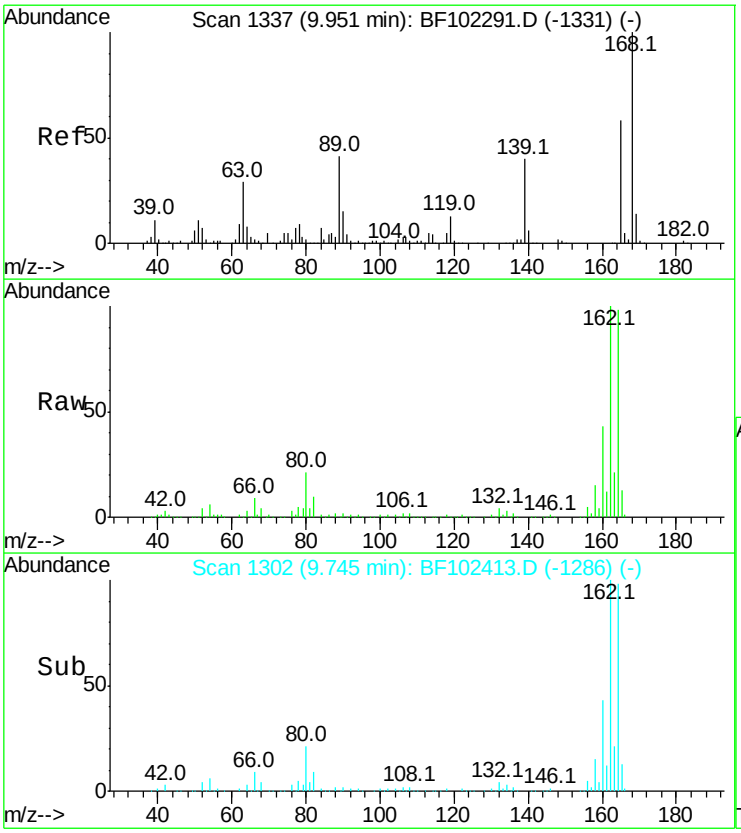
#49
Dimethylphthalate
Concen: 8.125 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 151132

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

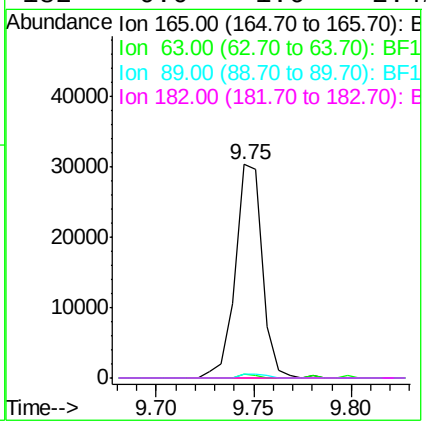


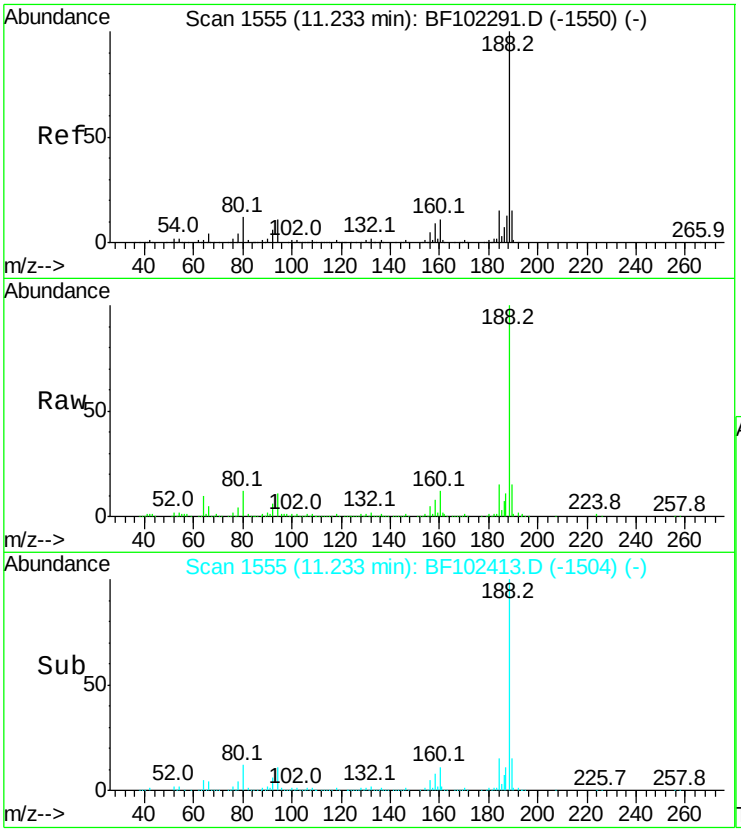


#56
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:165 Resp: 29146

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



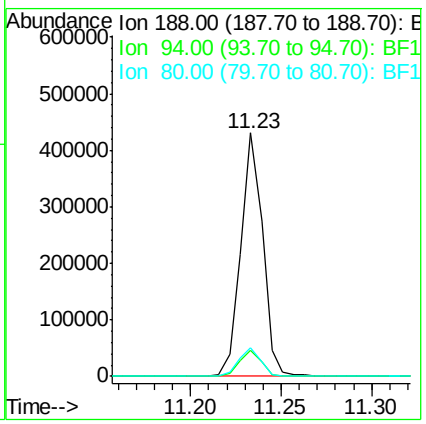


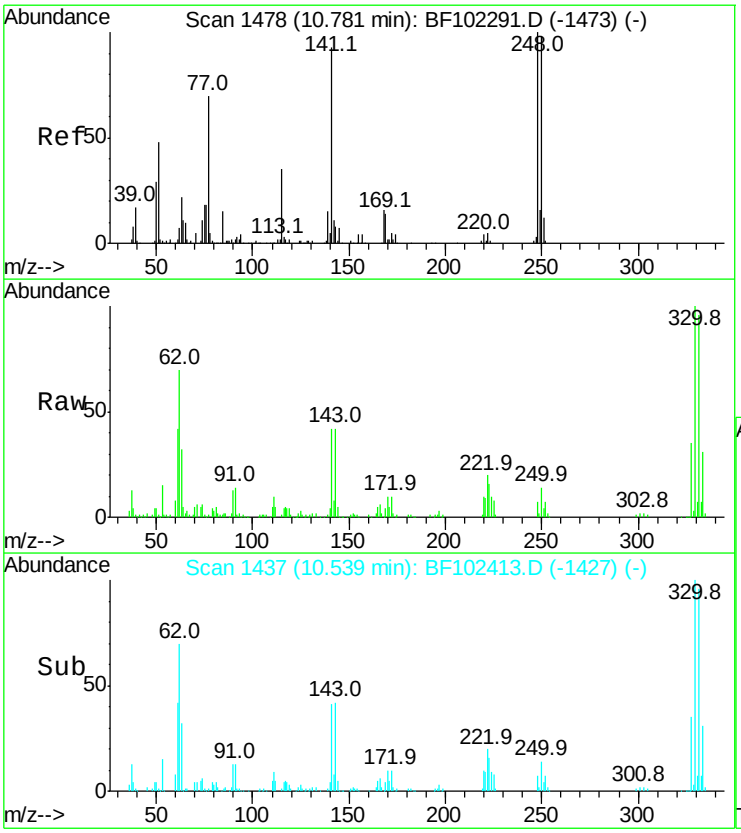
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 363685

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8

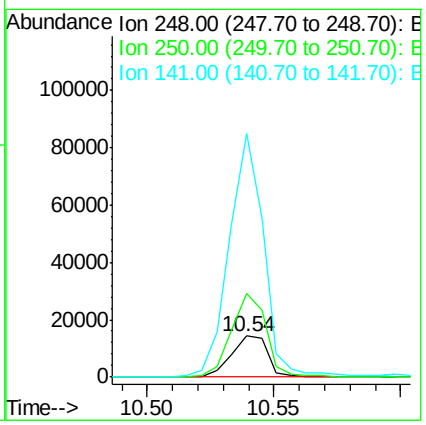


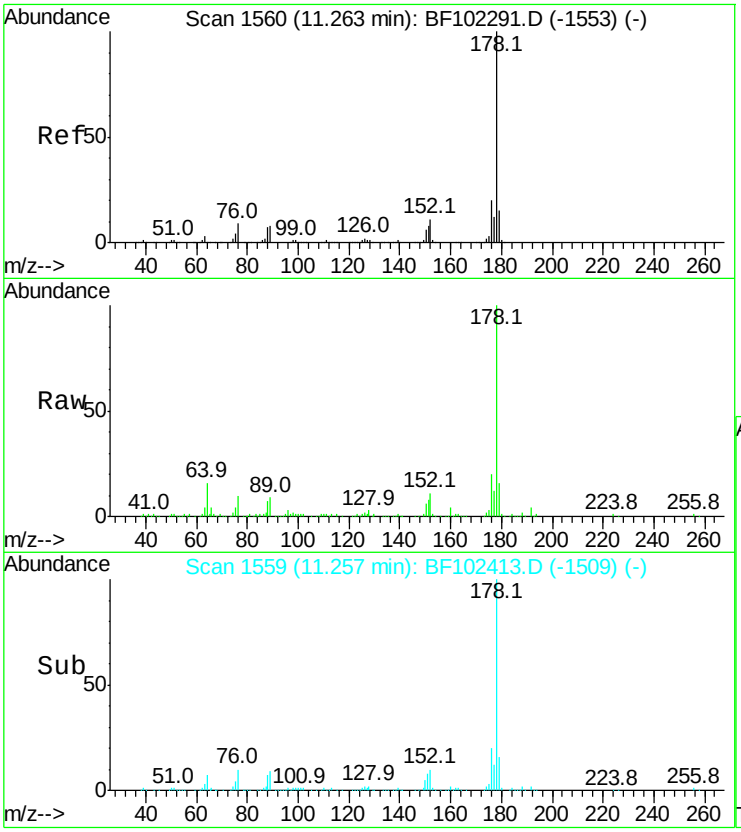


#66
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:248 Resp: 14182

Ion	Ratio	Lower	Upper
248	100		
250	205.3	76.9	115.3#
141	597.1	74.4	111.6#



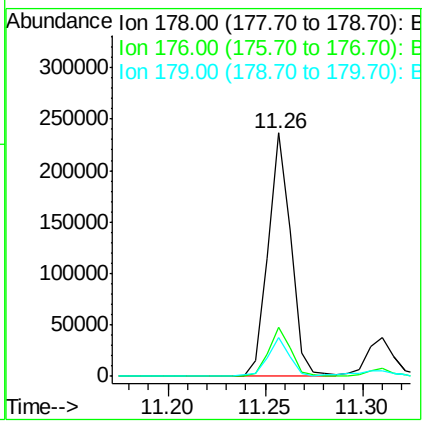


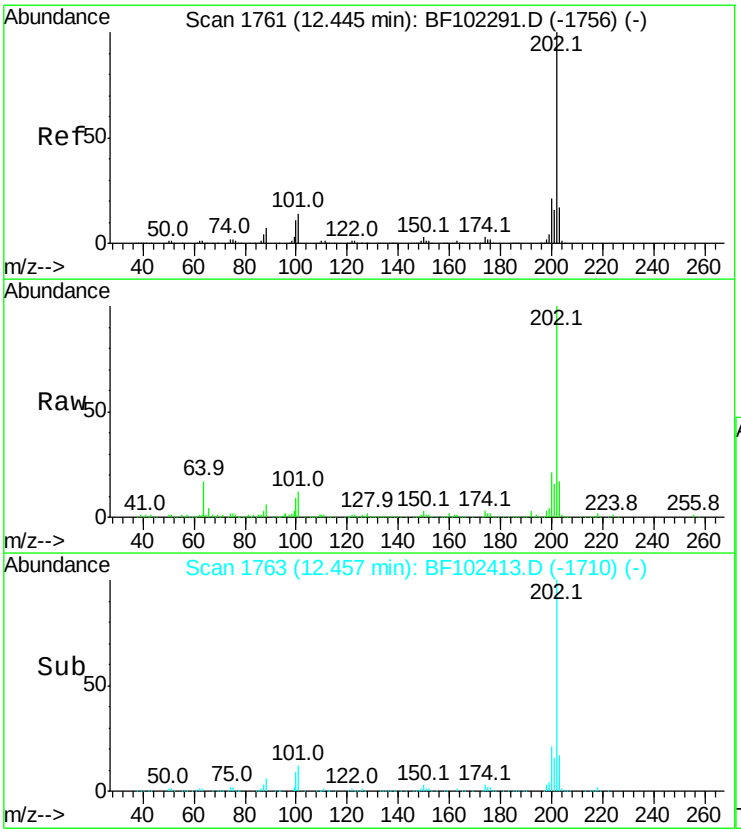
#70
Phenanthrene
Concen: 9.011 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 190977

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.0	13.0	19.6

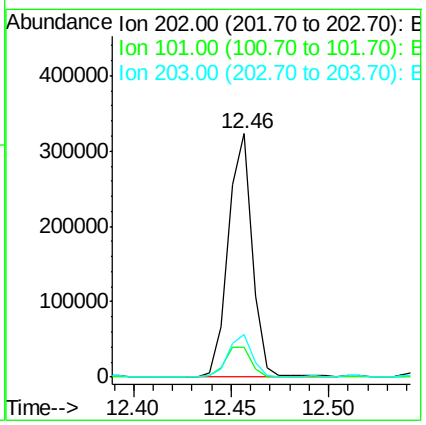


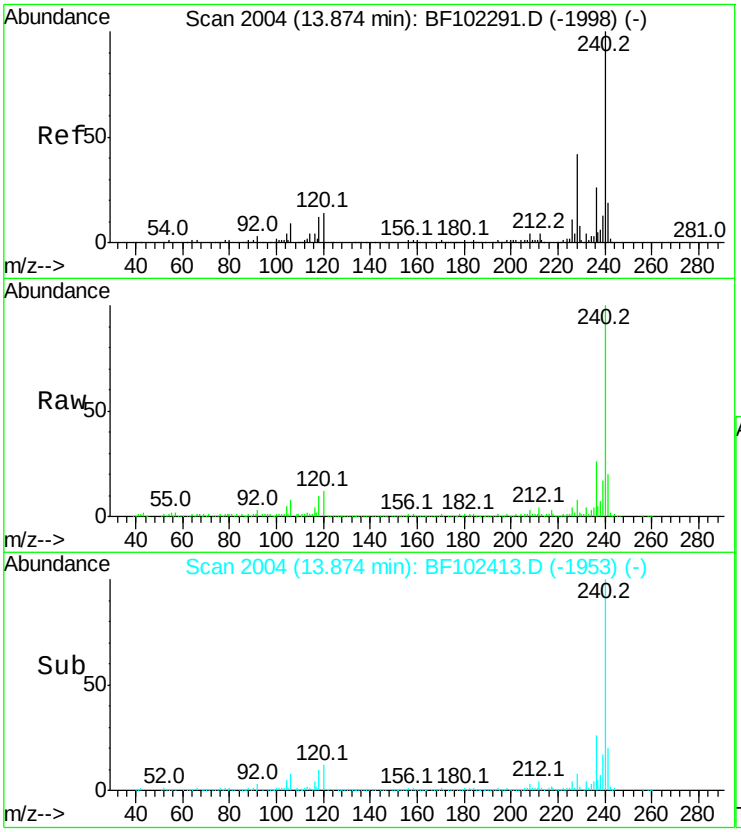


#74
Fluoranthene
Concen: 12.692 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:202 Resp: 274296

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.5	0.0	38.1



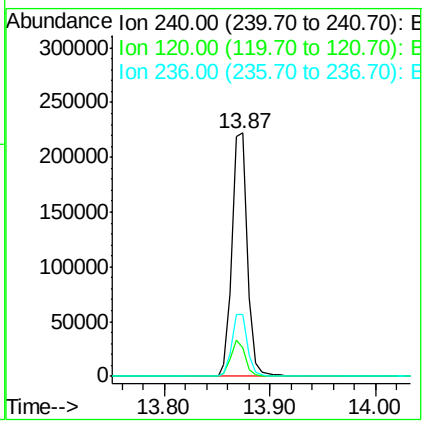


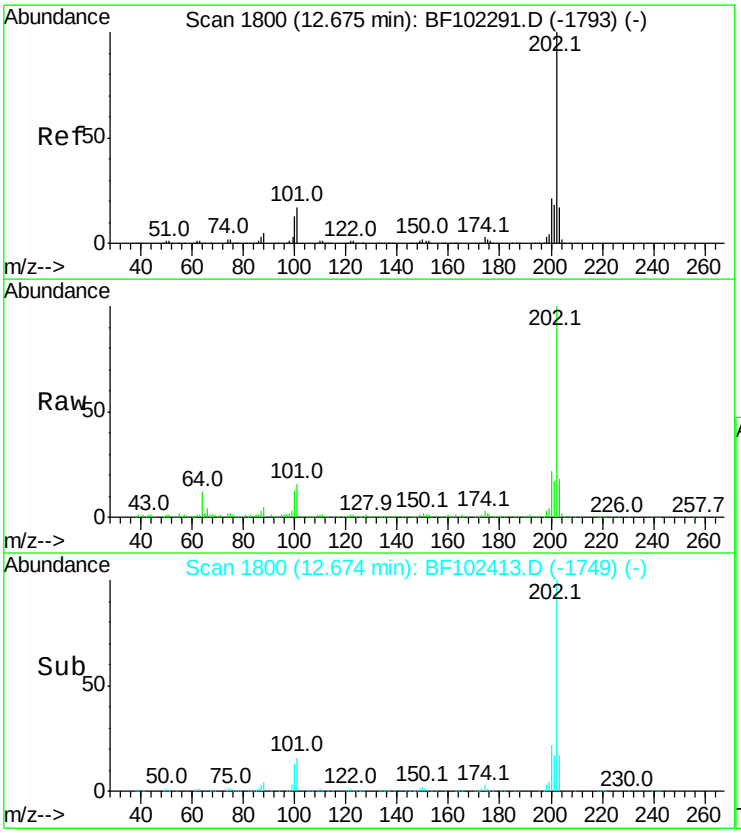
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 221446

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.6	20.7	31.1

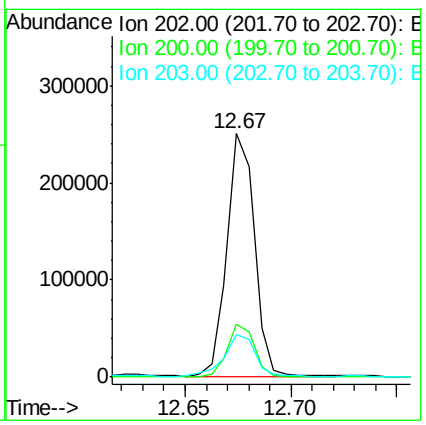


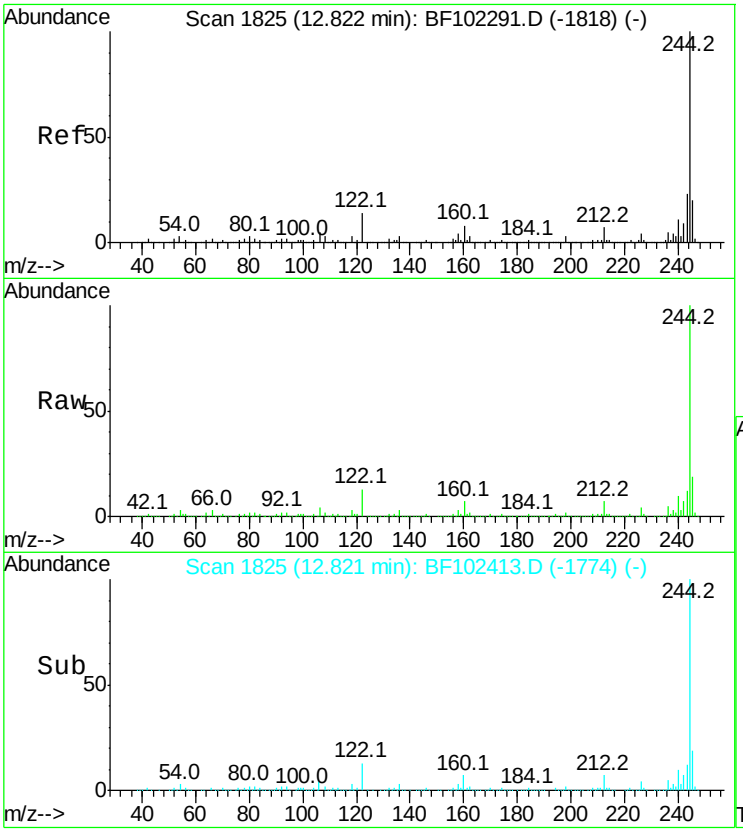


#77
Pyrene
Concen: 13.076 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:202 Resp: 223873

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5



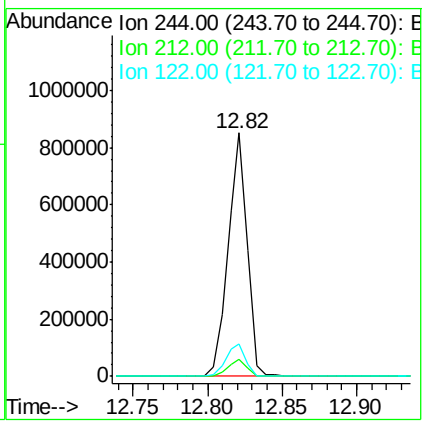


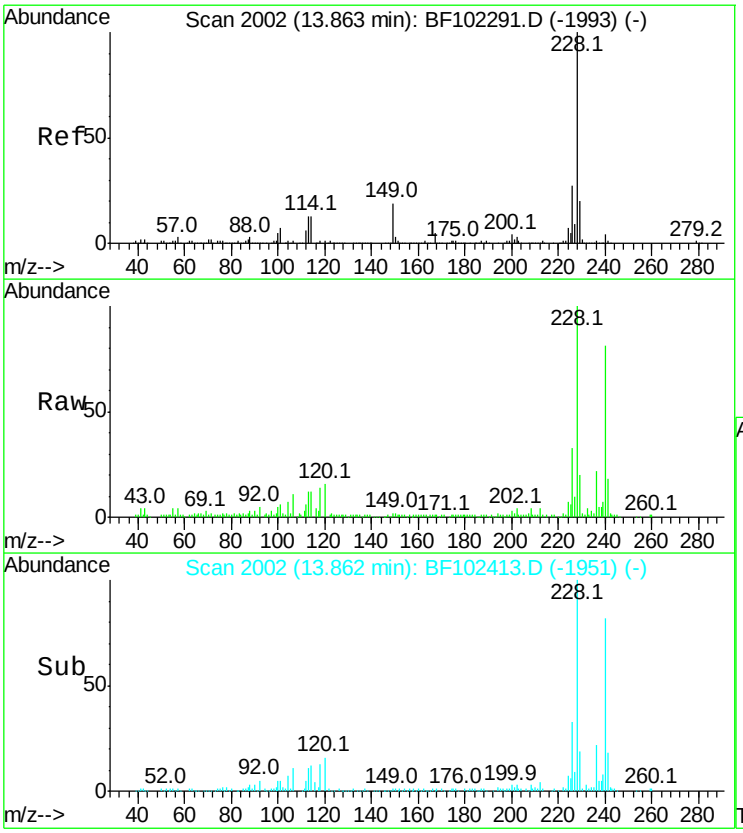
#78
Terphenyl-d14
Concen: 78.236 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 768512

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4

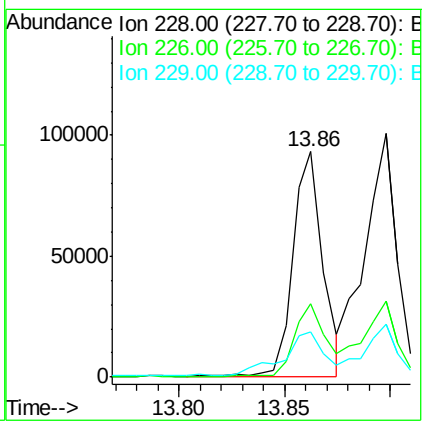


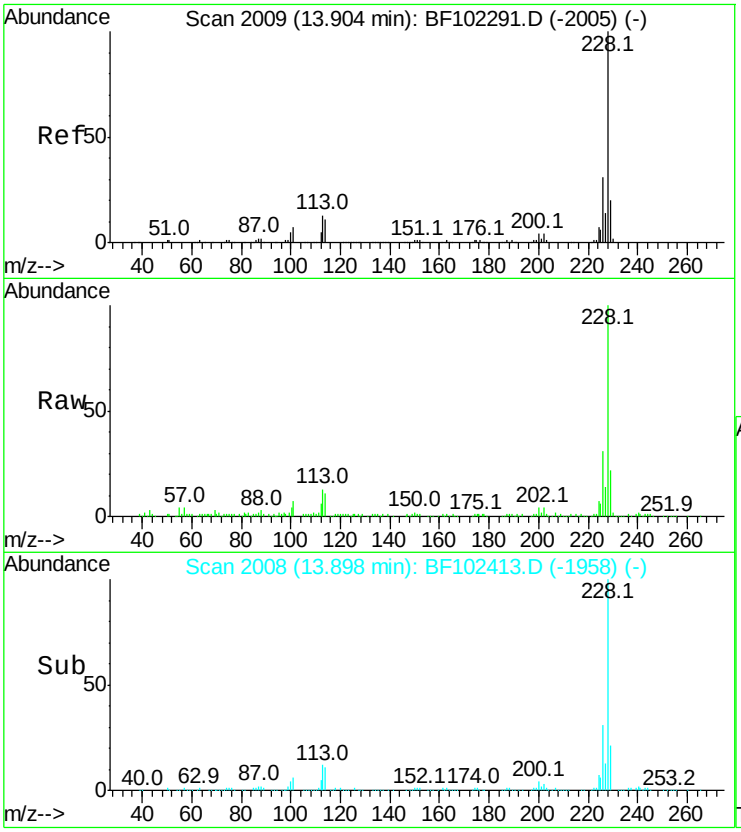


#80
Benzo(a)anthracene
Concen: 6.771 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:228 Resp: 92316

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	19.9	15.8	23.6



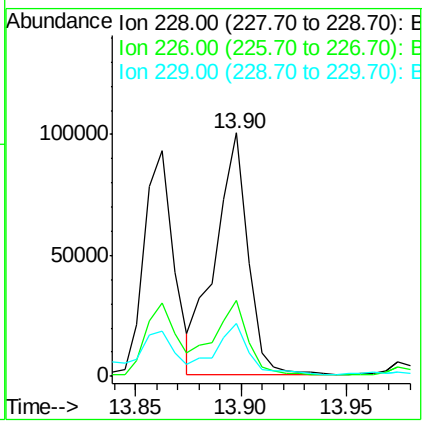


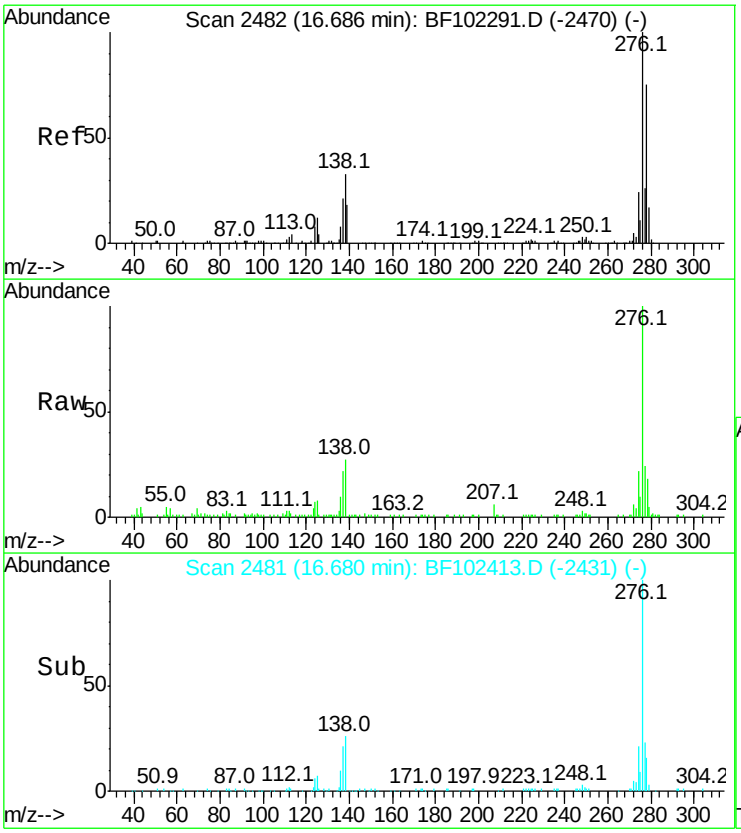
#82
Chrysene
Concen: 7.712 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 106766

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.8	16.2	24.4

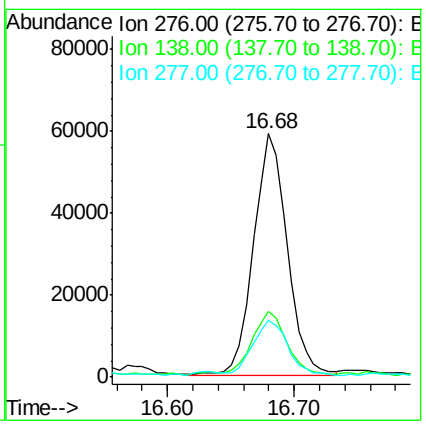


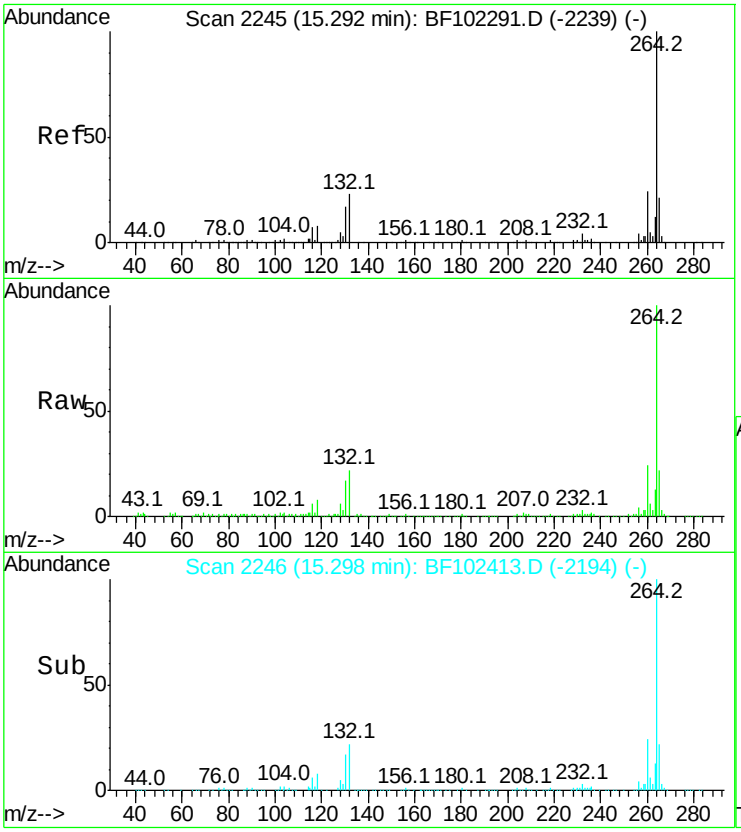


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.526 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:276 Resp: 108925

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	24.6	20.1	30.1



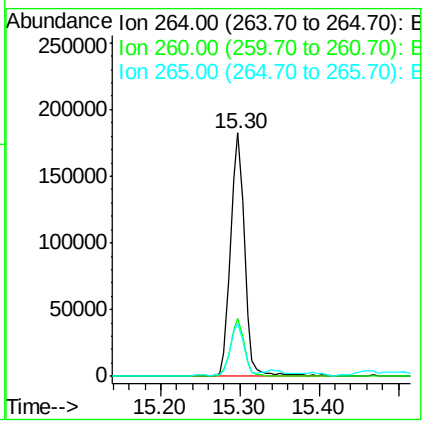


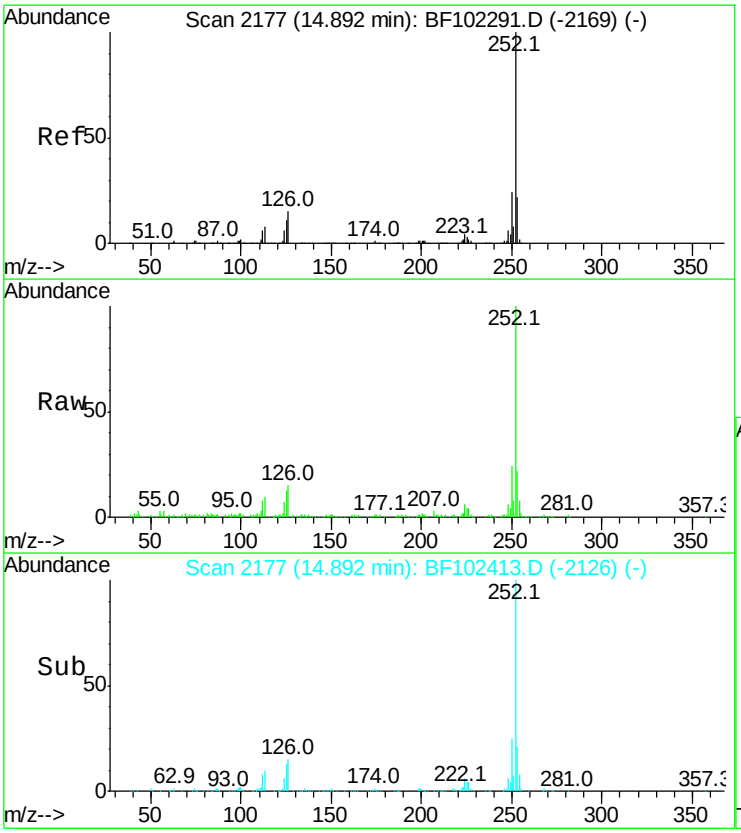
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 226226

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

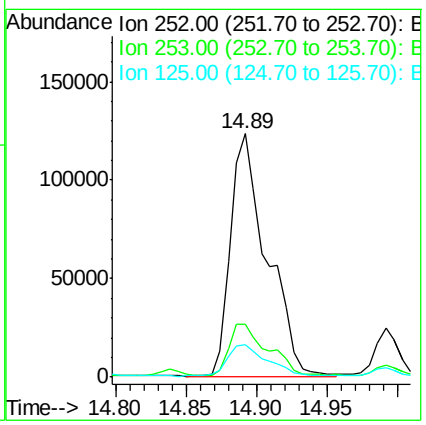


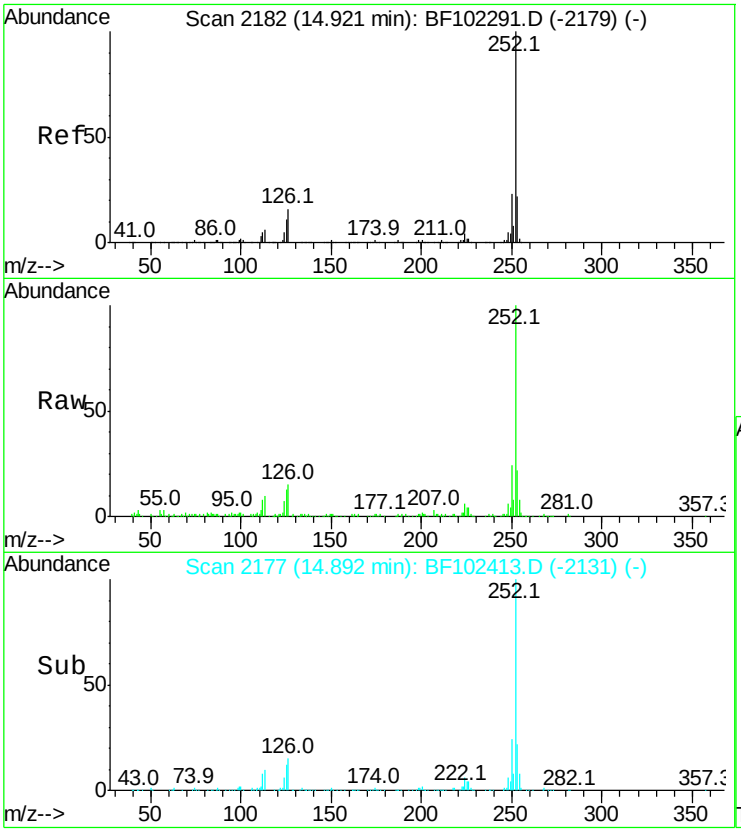


#87
Benzo(b)fluoranthene
Concen: 15.144 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:252 Resp: 222049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.3	9.0	13.6



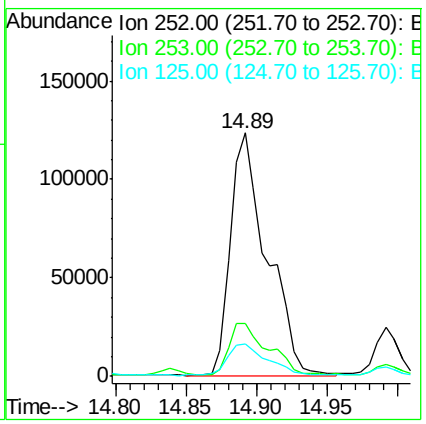


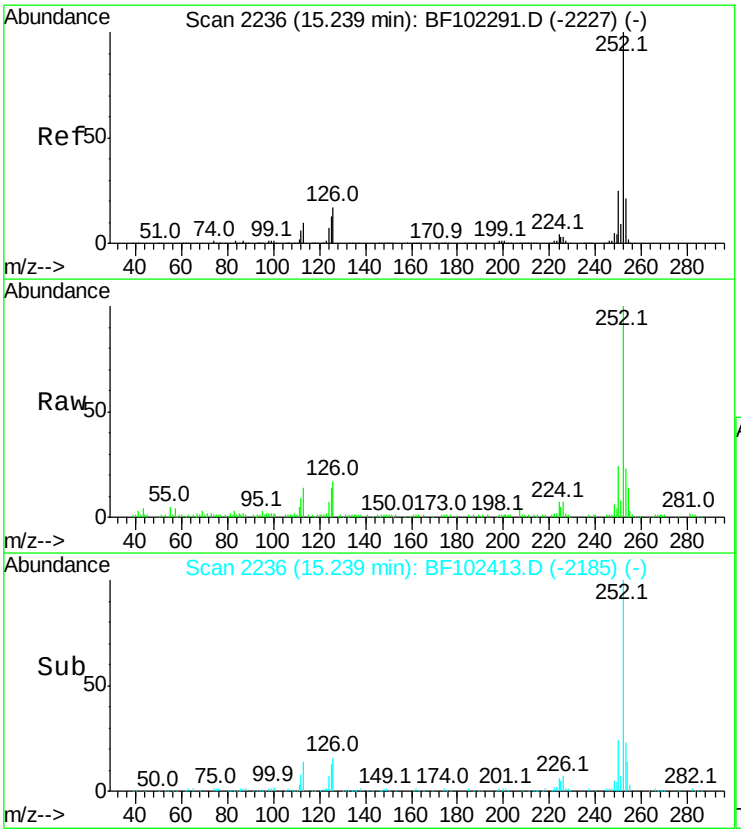
#88
Benzo(k)fluoranthene
Concen: 16.029 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 222049

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.3	10.2	15.2

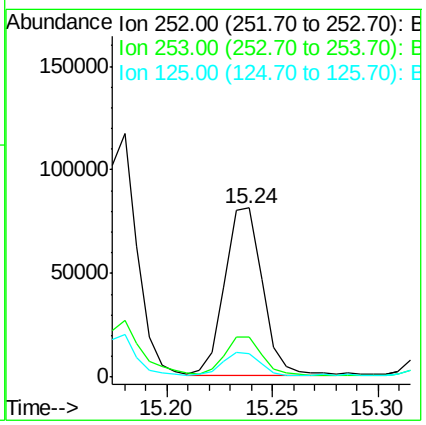


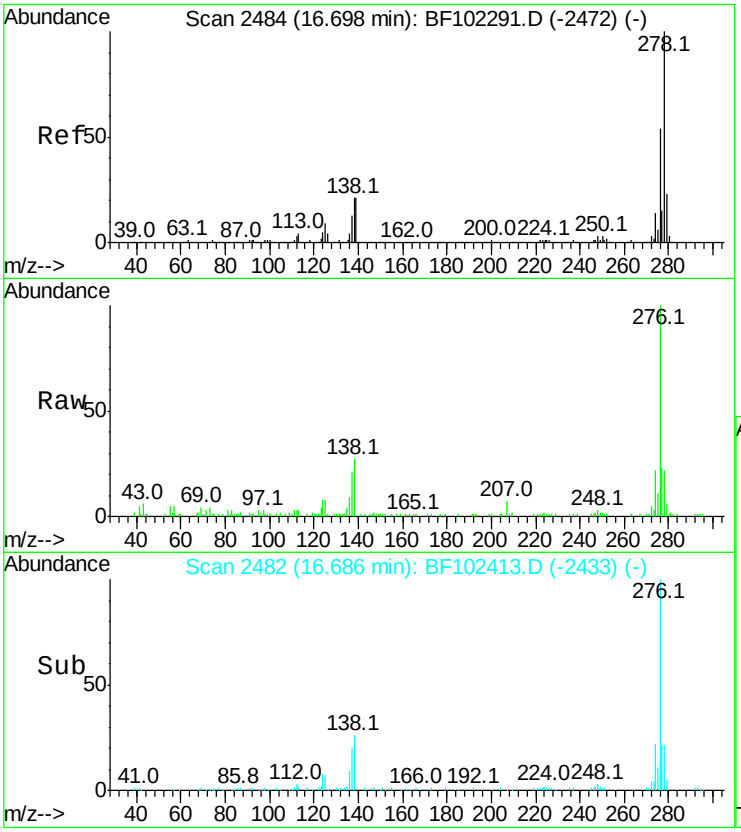


#89
Benzo(a)pyrene
Concen: 7.663 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:252 Resp: 101334

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.1	9.8	14.6



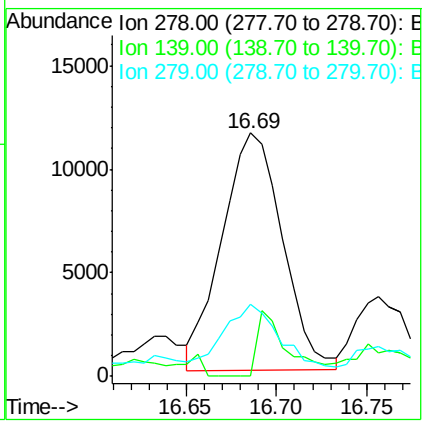


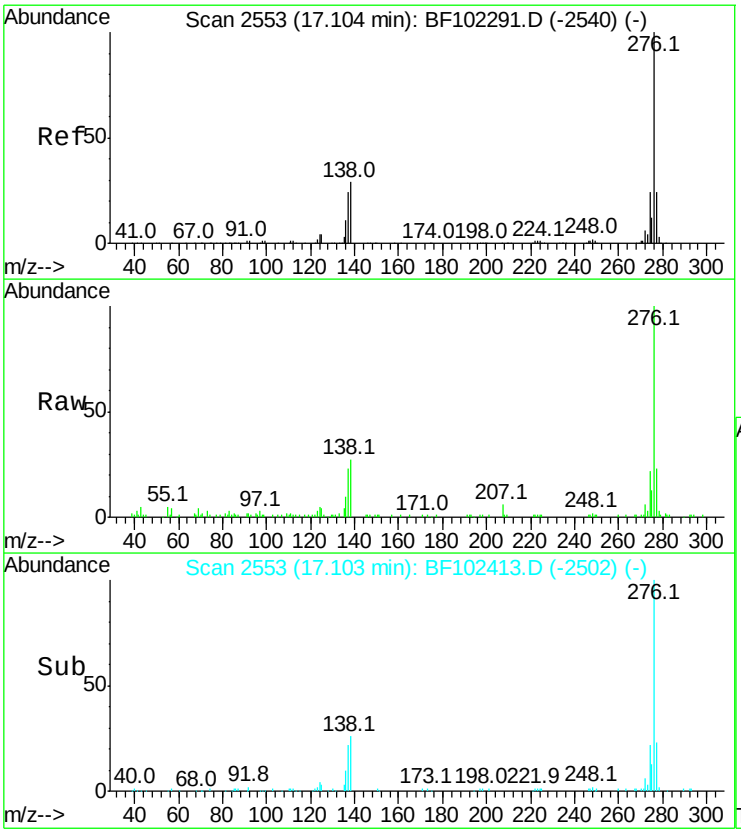
#90
Dibenzo(a,h)anthracene
Concen: 2.486 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 26634

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	29.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.379 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF102413.D
Acq: 25 Jan 2018 1:55

Tgt Ion:276 Resp: 120359

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	26.7	21.8	32.8