Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104477.D
Acq On : 13 Apr 2018 14:41
Operator : JU/SJ
Sample : J2348-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 17:40:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137393	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	567172	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	261925	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	452680	20.00	ng		0.00
75) Chrysene-d12	13.99	240	288304	20.00	ng		0.00
86) Perylene-d12	15.46	264	271677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	893023	99.39	ng		0.00
7) Phenol-d6	6.45	99	1088150	98.56	ng		0.00
23) Nitrobenzene-d5	7.37	82	686804	79.07	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	273793	100.77	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1105763	66.69	ng		0.00
78) Terphenyl-d14	12.93	244	969251	76.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	41993	3.585	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	90730	12.576	ng	#	72
25) Isophorone	7.37	82	686797	37.392	ng	#	64
49) Dimethylphthalate	9.56	163	184105	8.913	ng		99
56) 2,4-Dinitrotoluene	9.85	165	33117	6.606	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	594	7.575	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	16617	3.451	ng	#	1
70) Phenanthrene	11.36	178	115615	4.586	ng		96
74) Fluoranthene	12.55	202	203417	7.723	ng		99
76) Benzidine	12.93	184	13119	Below Cal			98
77) Pyrene	12.78	202	175218	8.199	ng		98
80) Benzo(a)anthracene	13.97	228	89330	5.186	ng		98
82) Chrysene	14.01	228	75486	4.267	ng		97
85) Indeno(1,2,3-cd)pyrene	16.91	276	39943	2.658	ng		92
87) Benzo(b)fluoranthene	15.03	252	126049	7.346	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	126049	7.781	ng		97
89) Benzo(a)pyrene	15.39	252	71304	4.644	ng		97
91) Benzo(g,h,i)perylene	17.35	276	39370	3.223	ng		95

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

Quantitation Report (Not Reviewed)

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Data File : BF104477.D
Acq On : 13 Apr 2018 14:41
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ALS Vial : 6 Sample Multiplier: 1

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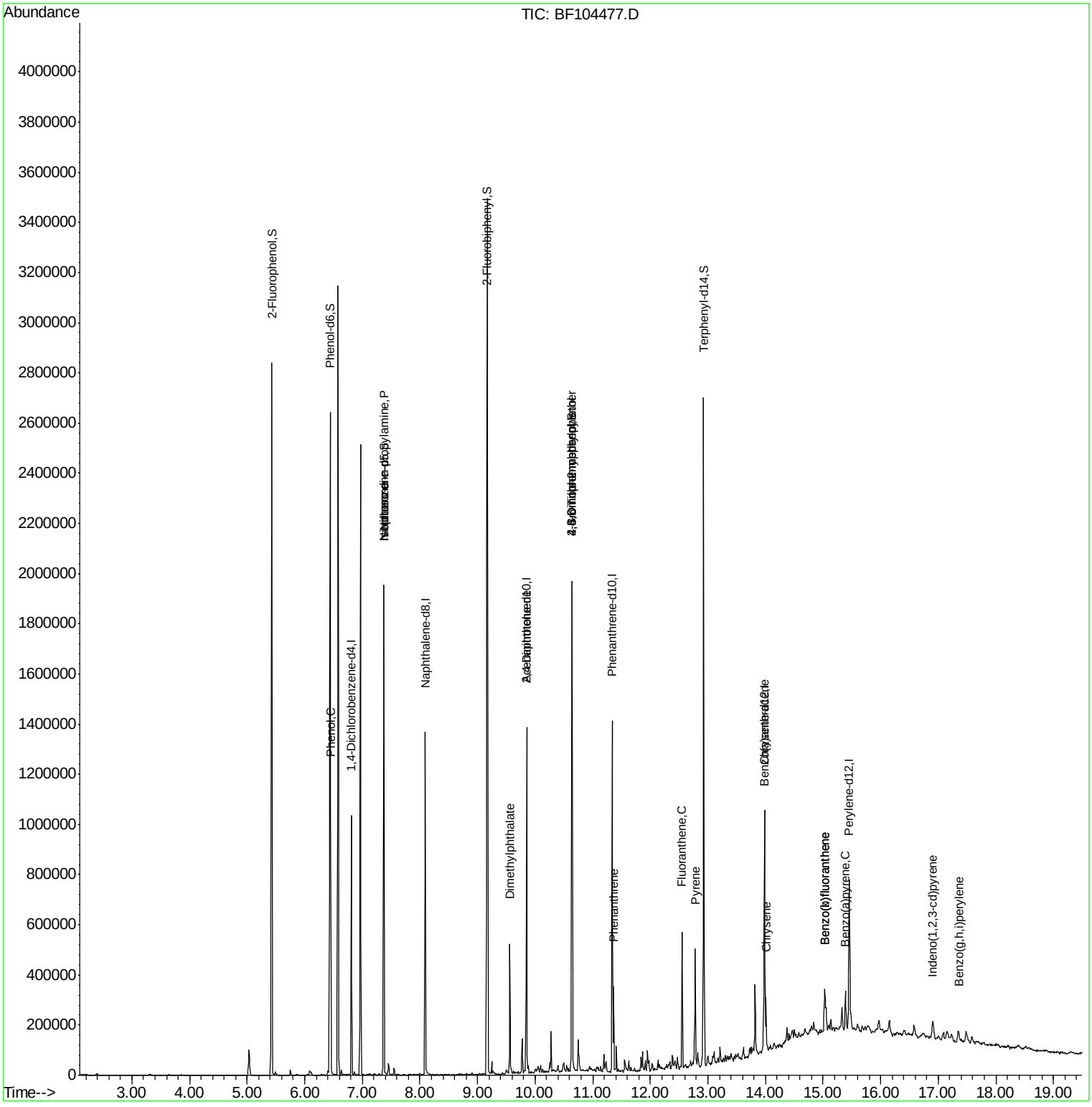
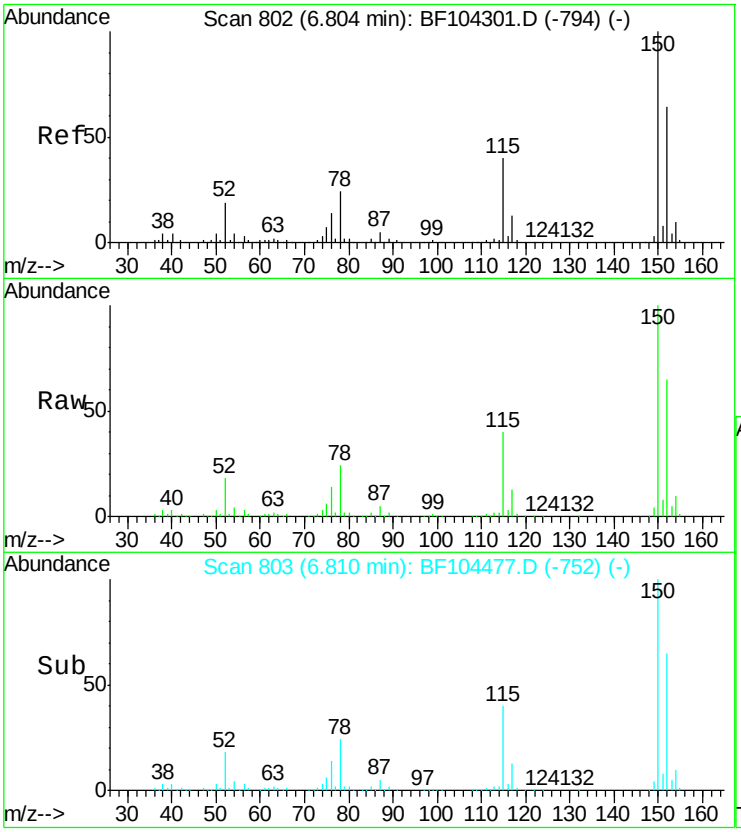
Quant Time: Apr 13 17:40:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



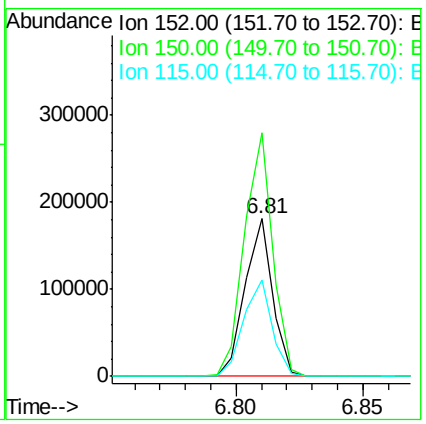


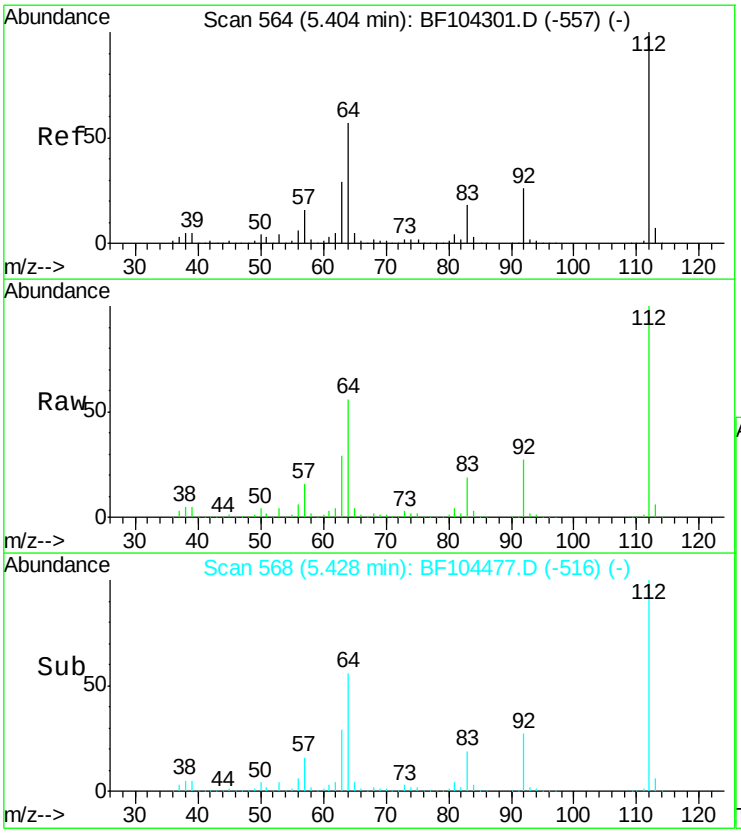
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137393

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.5	50.1	75.1

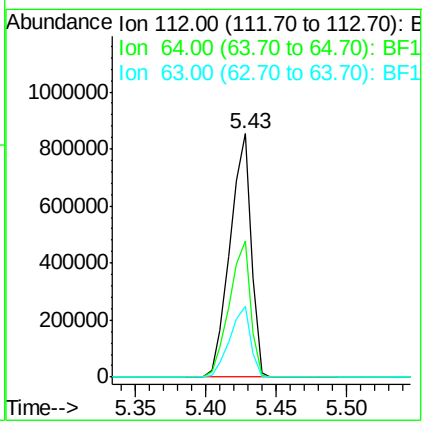


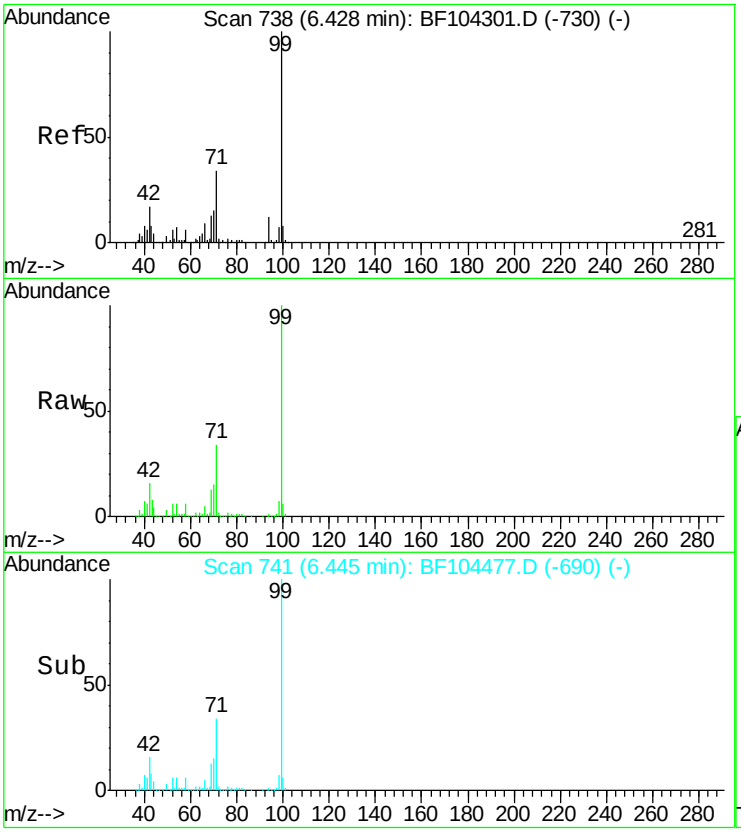


#5
2-Fluorophenol
Concen: 99.385 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:112 Resp: 893023

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.0	23.7	35.5



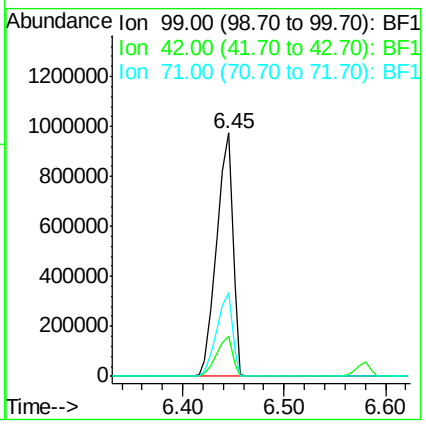


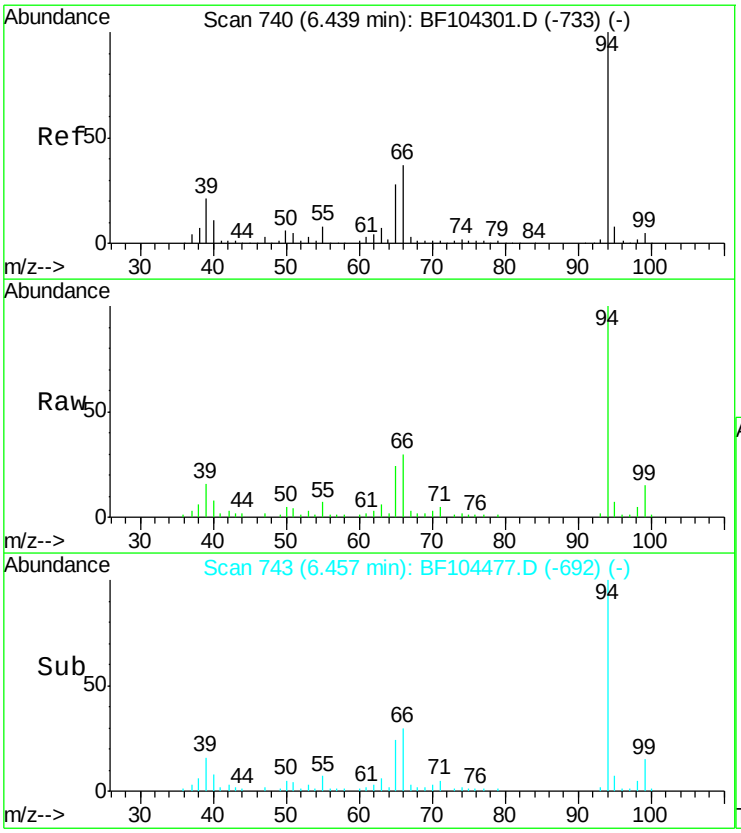
#7
Phenol-d6
Concen: 98.562 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1088150

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	34.3	25.4	38.0

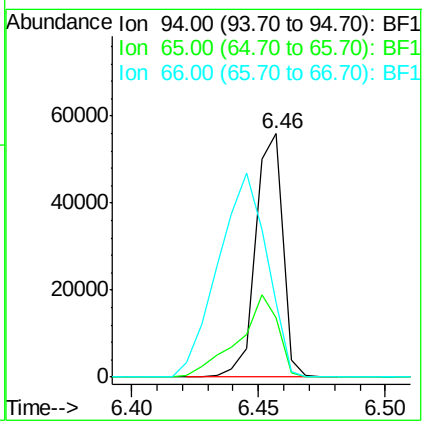


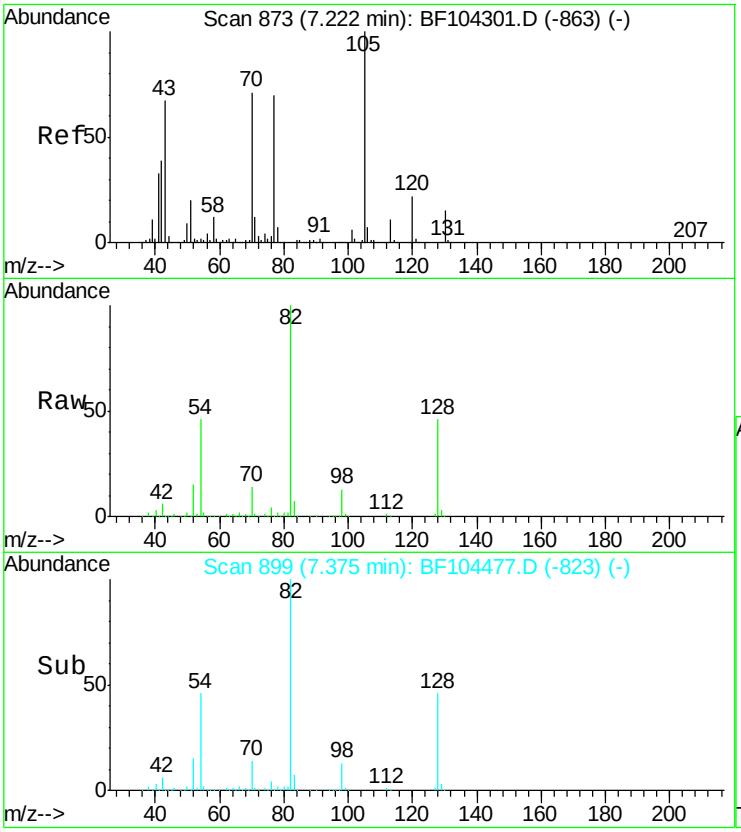


#10
Phenol
Concen: 3.585 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion: 94 Resp: 41993

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	30.5	16.2	56.2



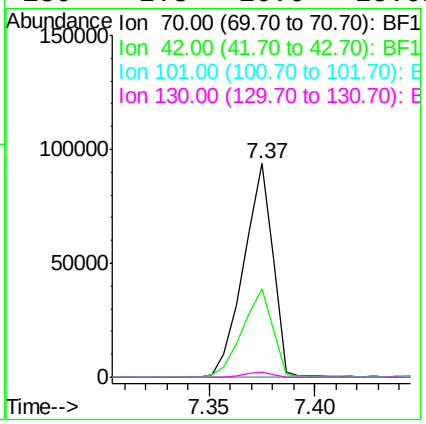


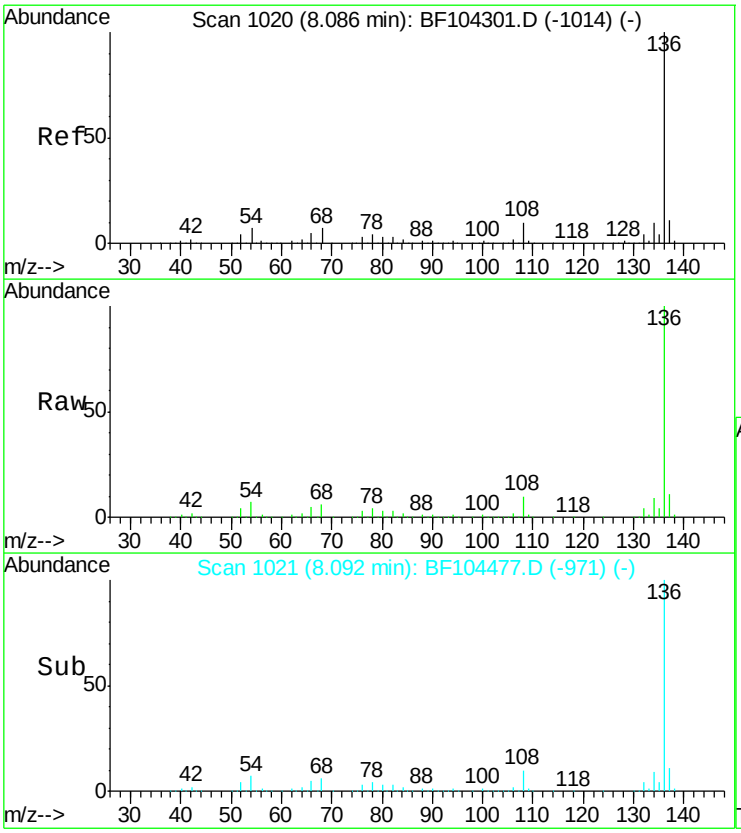
#19
n-Nitroso-di-n-propylamine
Concen: 12.576 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 90730

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

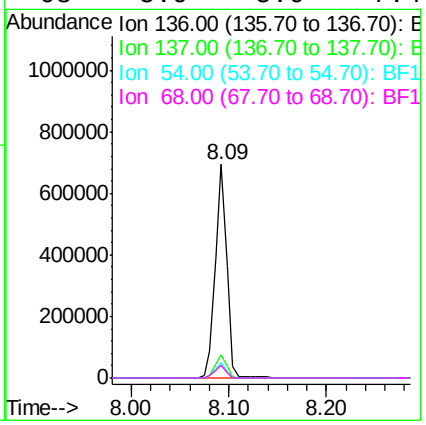


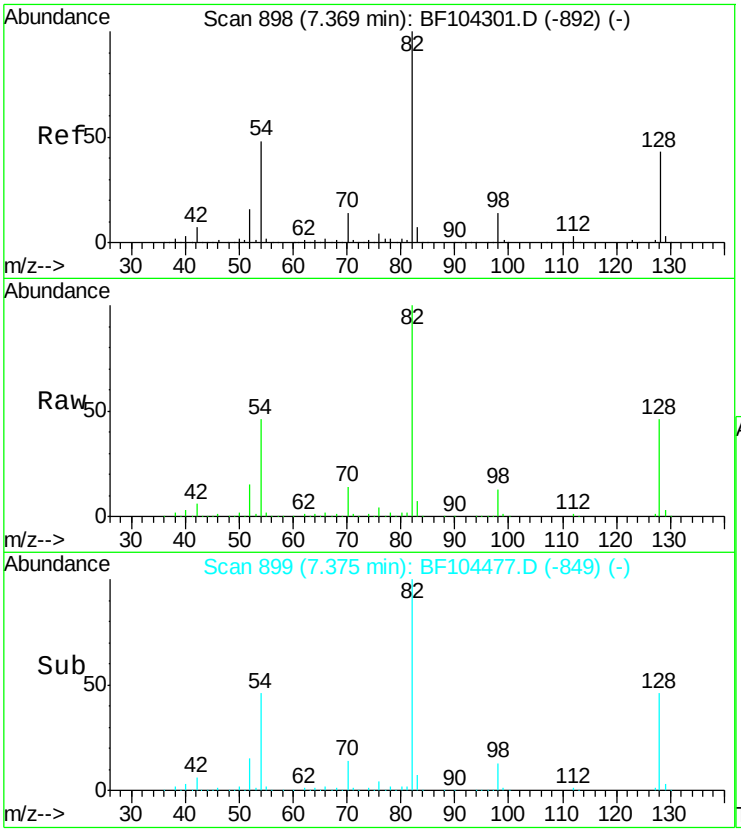


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:136 Resp: 567172

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4



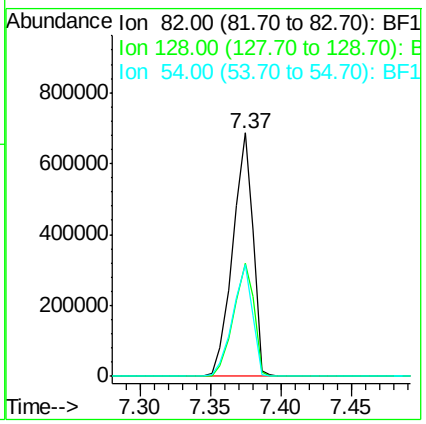


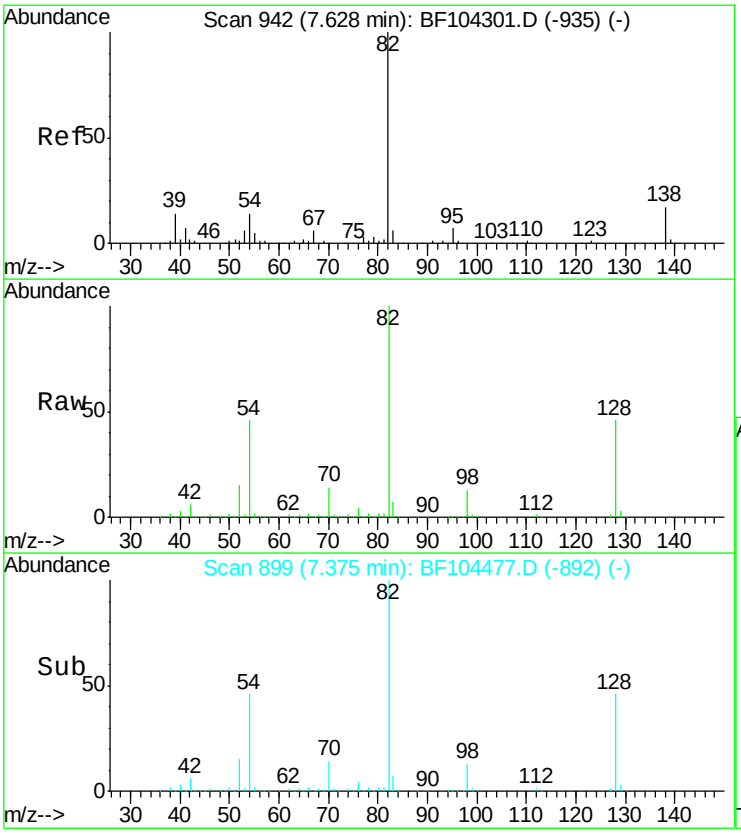
#23
Nitrobenzene-d5
Concen: 79.071 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 686804

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.8	41.4	62.2

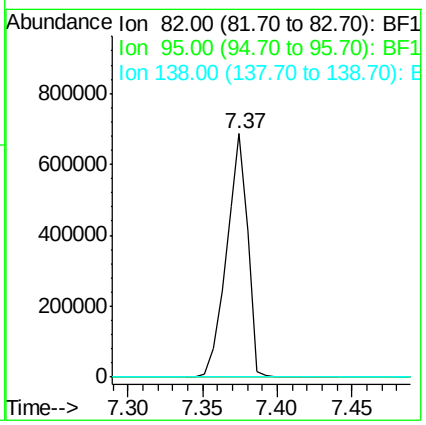


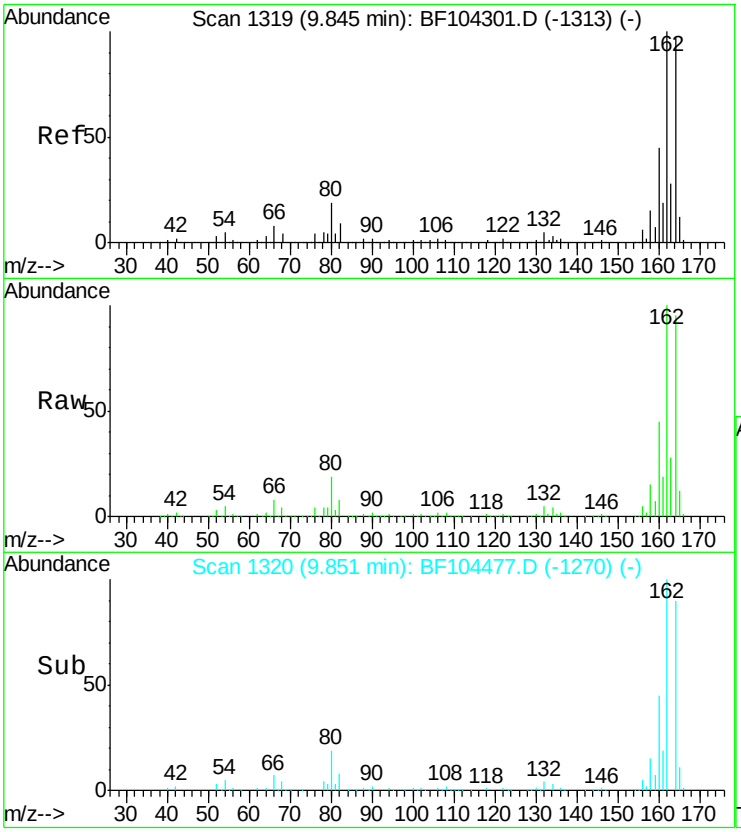


#25
Isophorone
Concen: 37.392 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion: 82 Resp: 686797

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



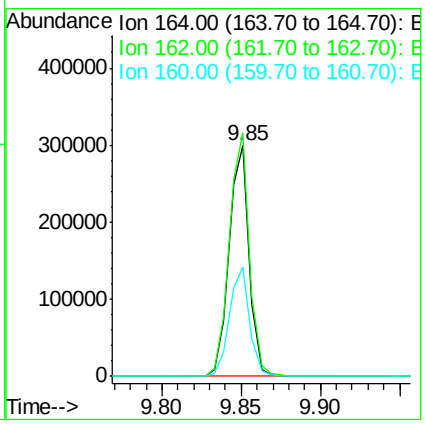


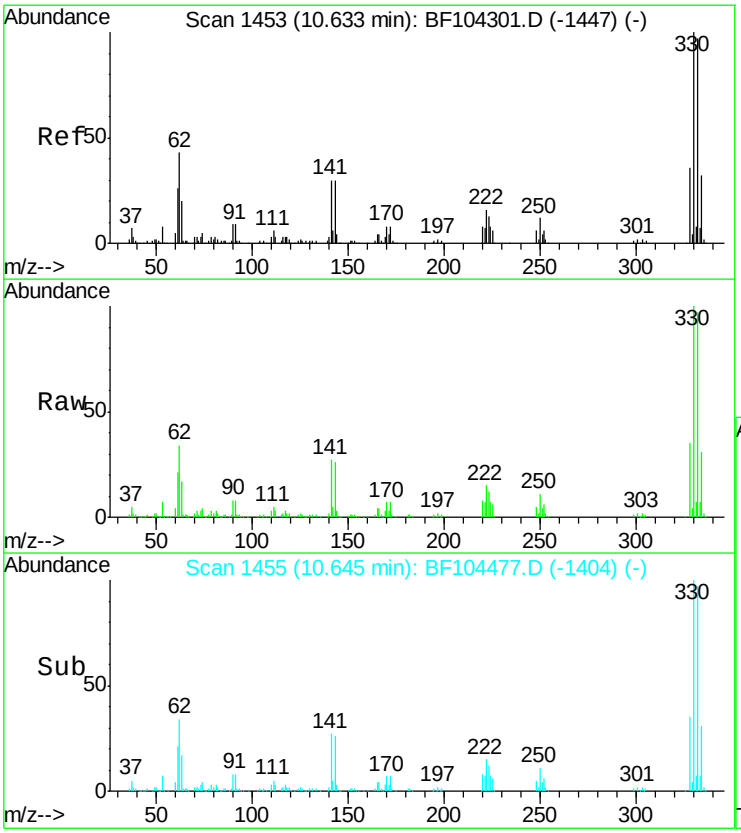
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 261925

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.6	38.3	57.5

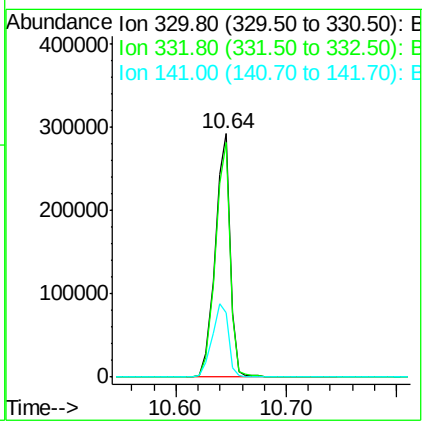


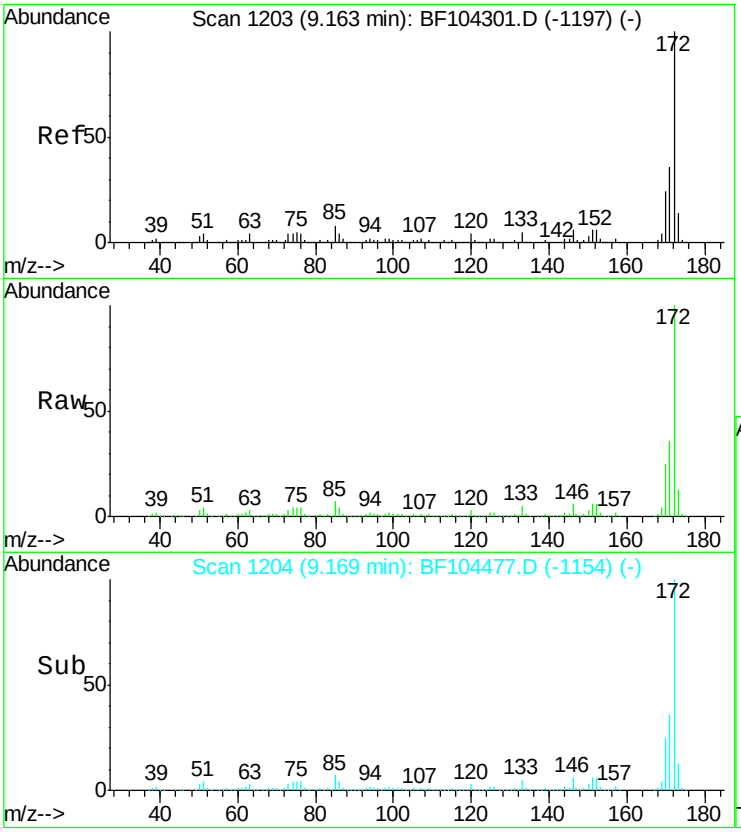


#41
2,4,6-Tribromophenol
Concen: 100.770 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:330 Resp: 273793

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.0	29.9	44.9



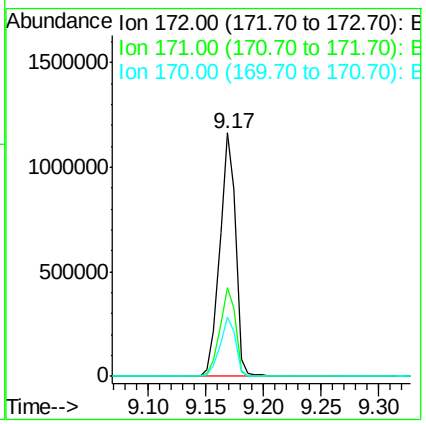


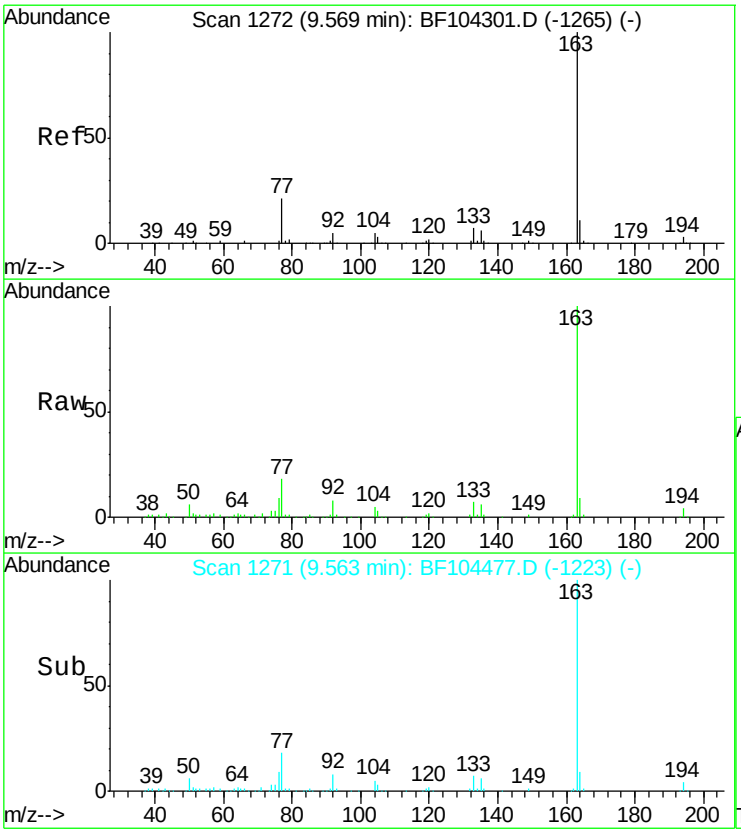
#44
2-Fluorobiphenyl
Concen: 66.692 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1105763

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

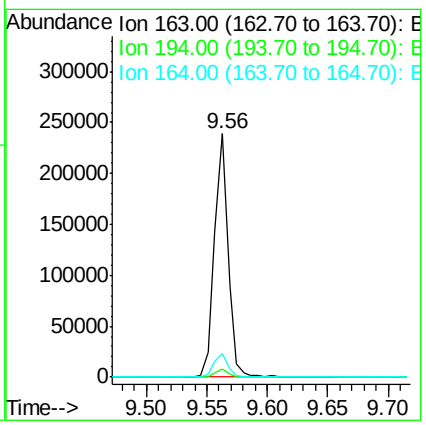


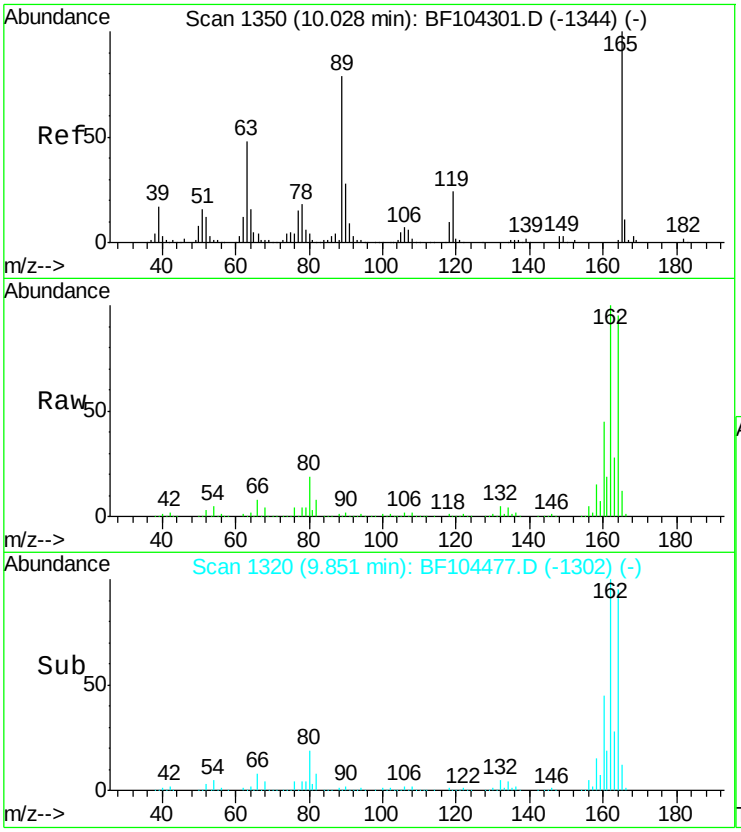


#49
Dimethylphthalate
Concen: 8.913 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:163 Resp: 184105

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2



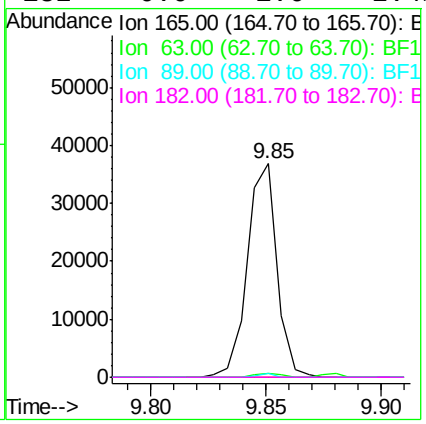


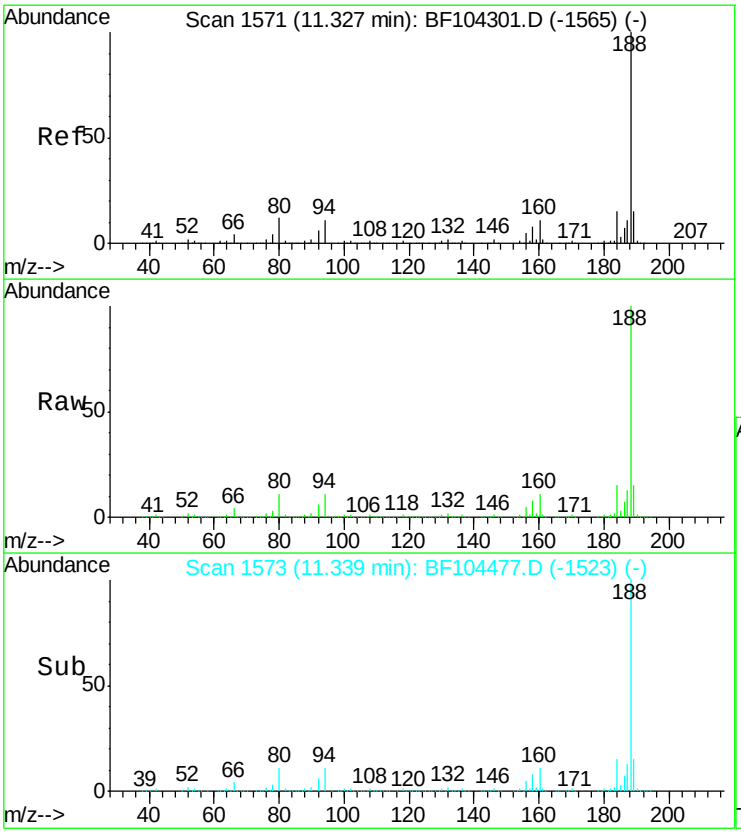
#56
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33117

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

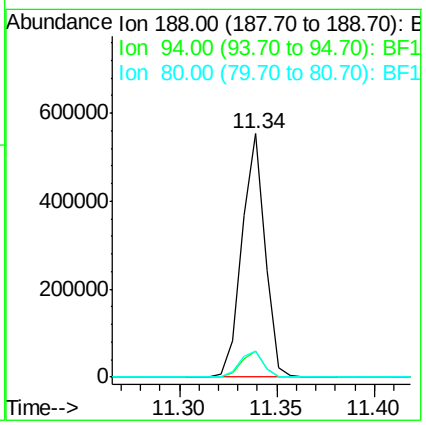


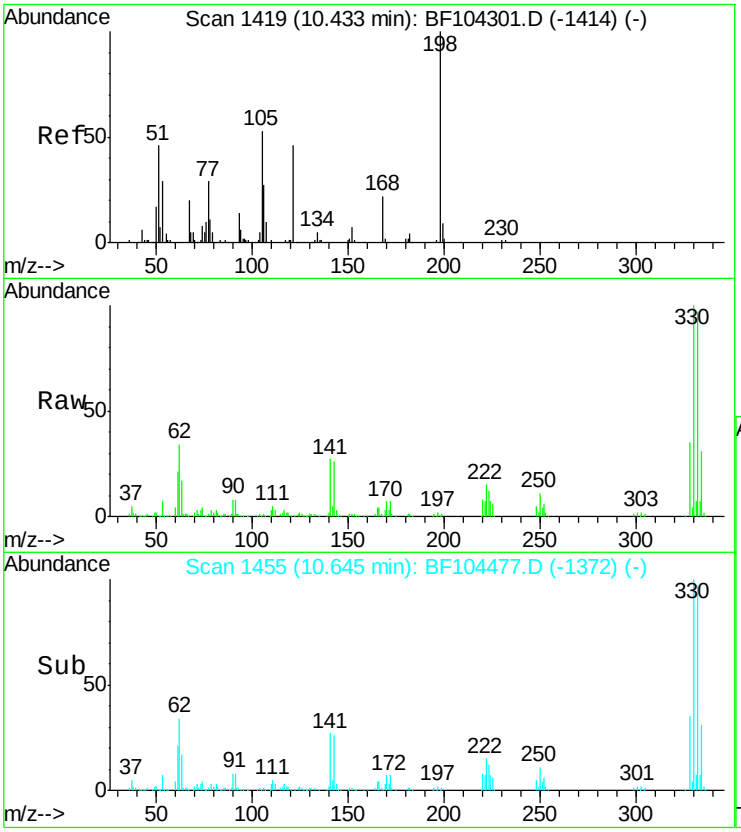


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:188 Resp: 452680

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.7	9.2	13.8



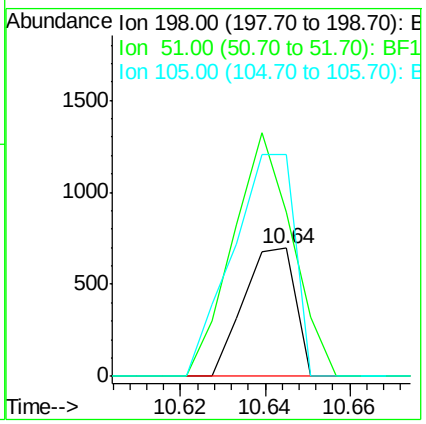


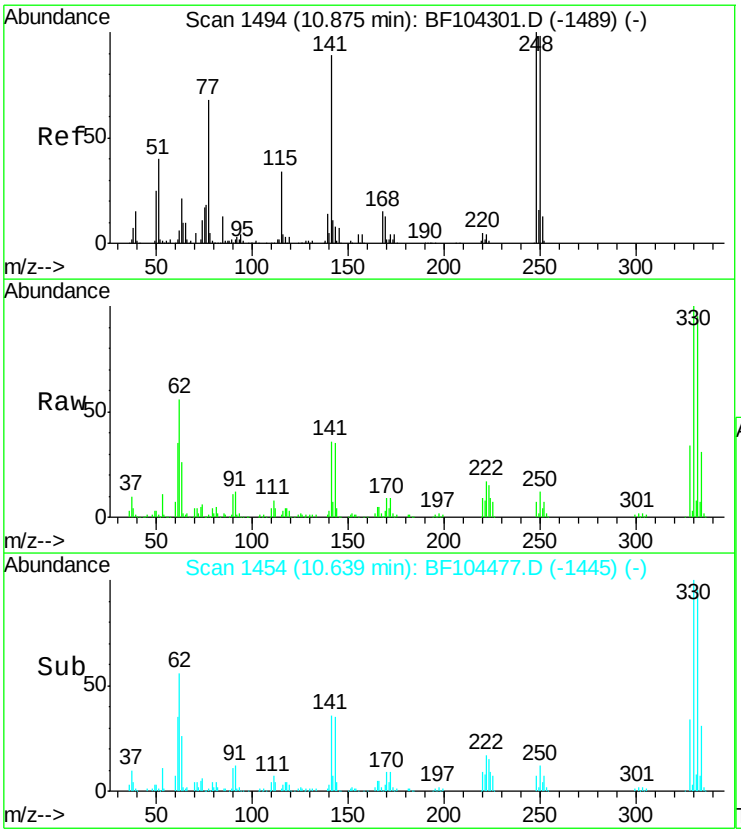
#64
4,6-Dinitro-2-methylphenol
Concen: 7.575 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 594

Ion	Ratio	Lower	Upper
198	100		
51	128.2	37.7	77.7#
105	173.5	36.3	76.3#

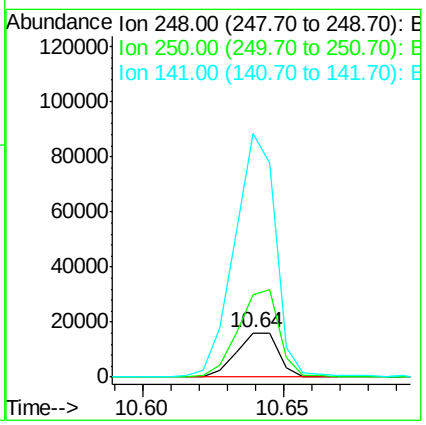


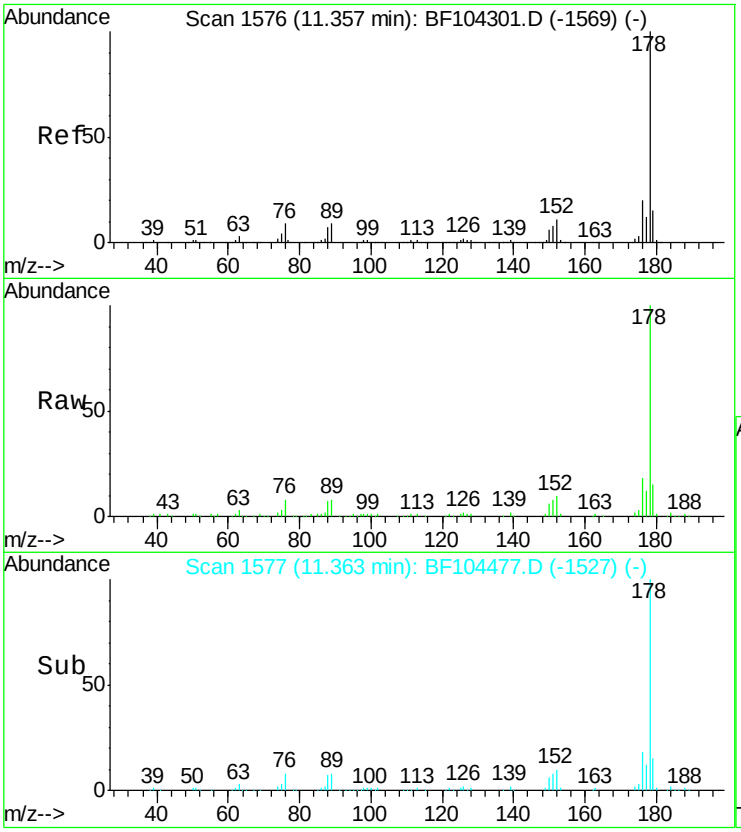


#66
4-Bromophenyl-phenylether
Concen: 3.451 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:248 Resp: 16617

Ion	Ratio	Lower	Upper
248	100		
250	184.6	76.9	115.3#
141	549.4	74.4	111.6#



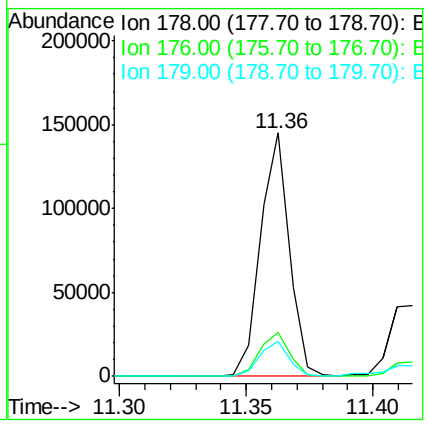


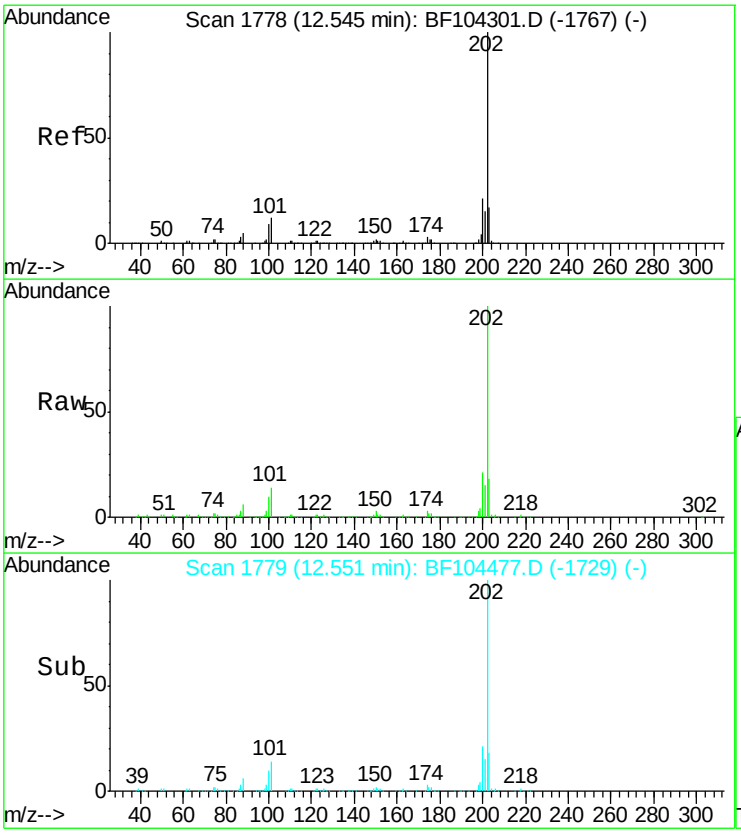
#70
Phenanthrene
Concen: 4.586 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 115615

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	14.5	13.0	19.6

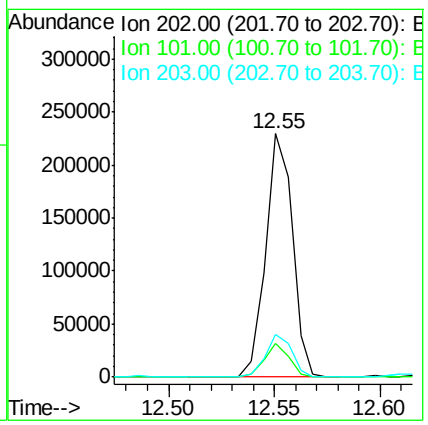


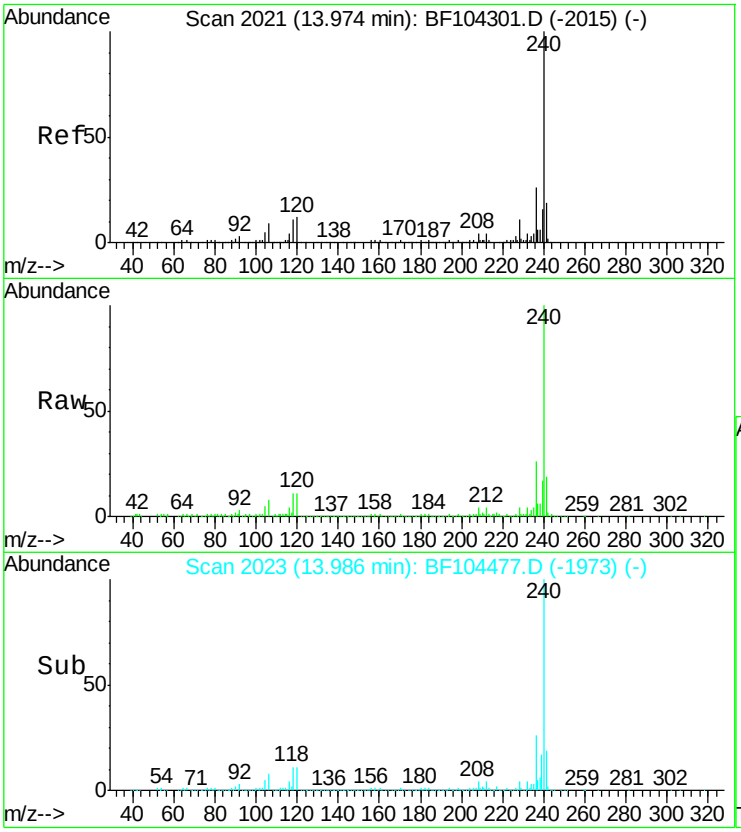


#74
Fluoranthene
Concen: 7.723 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:202 Resp: 203417

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1



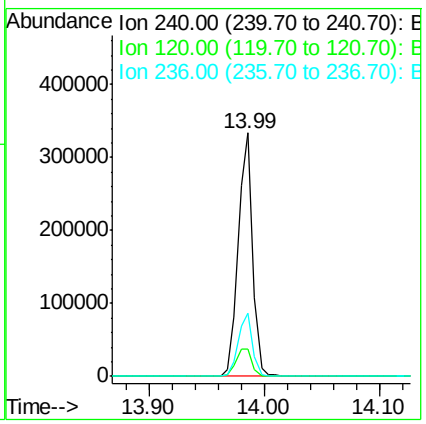


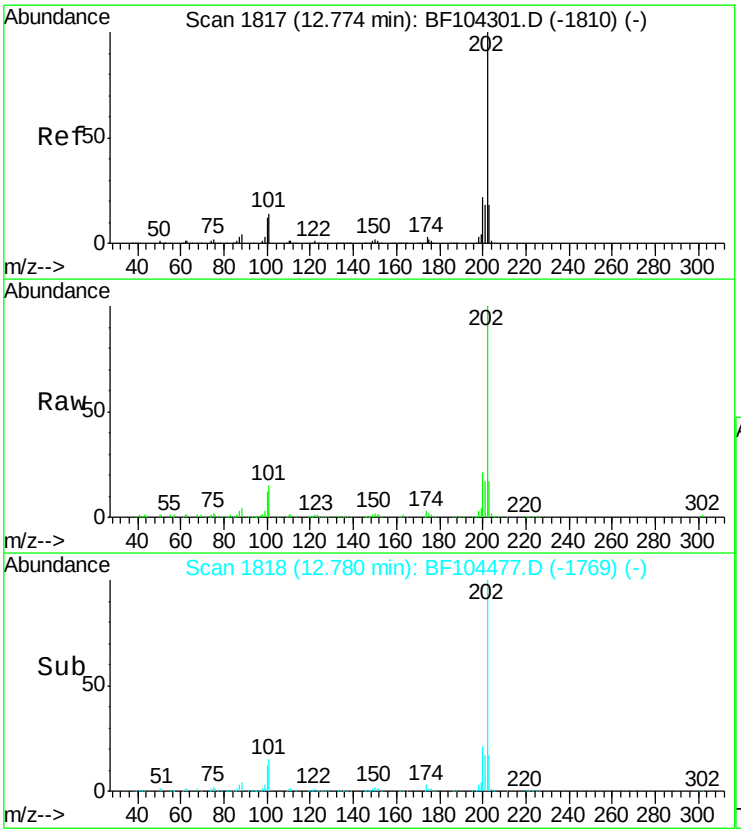
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 288304

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1

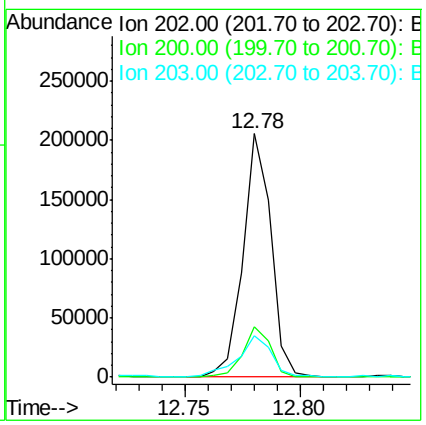


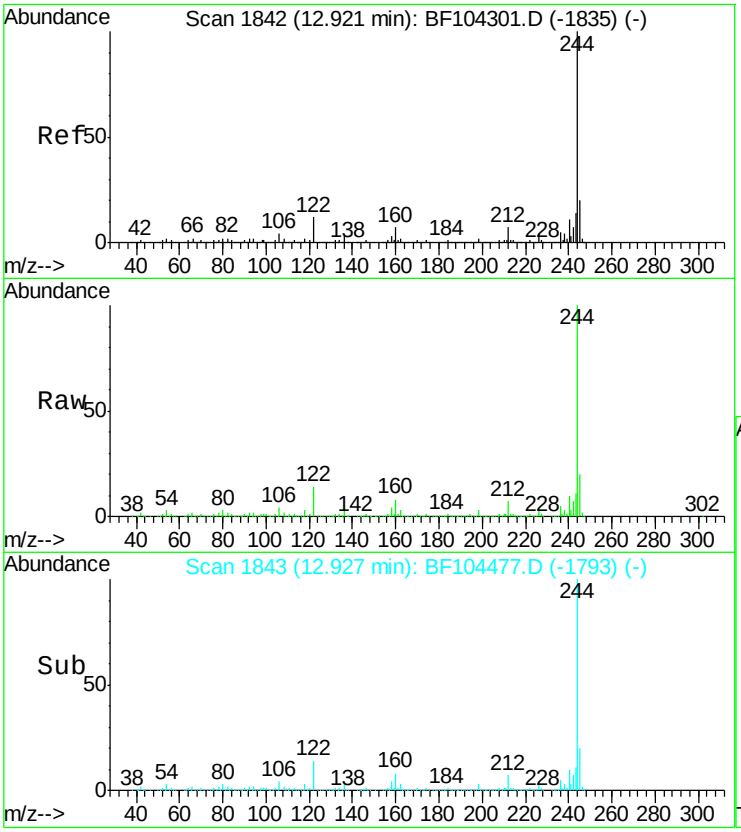


#77
Pyrene
Concen: 8.199 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:202 Resp: 175218

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.1	14.3	21.5



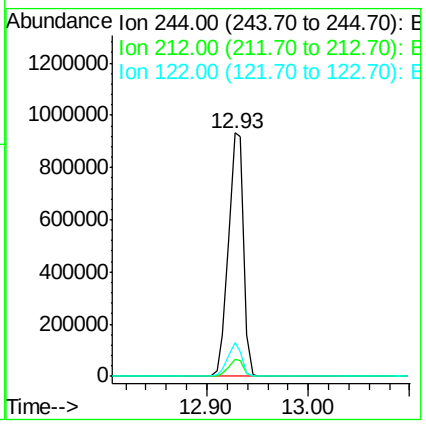


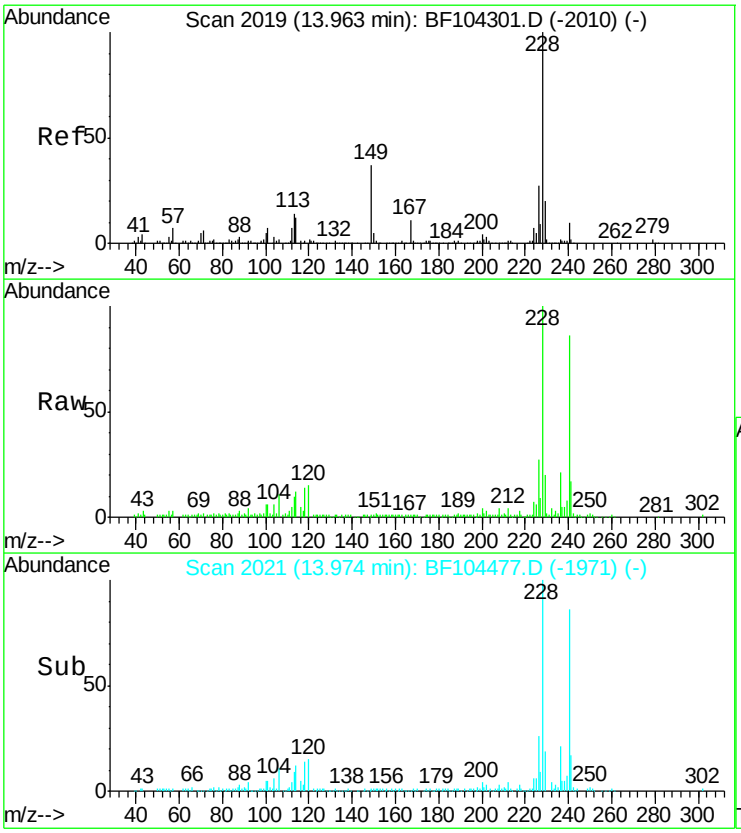
#78
Terphenyl-d14
Concen: 76.646 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 969251

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4

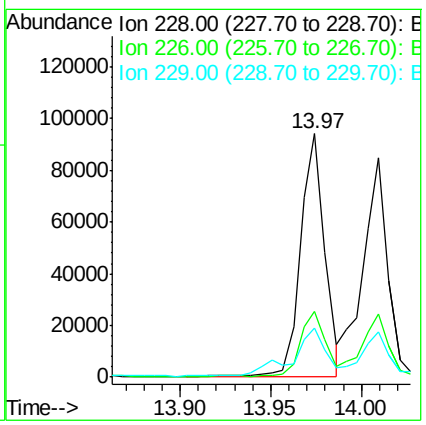


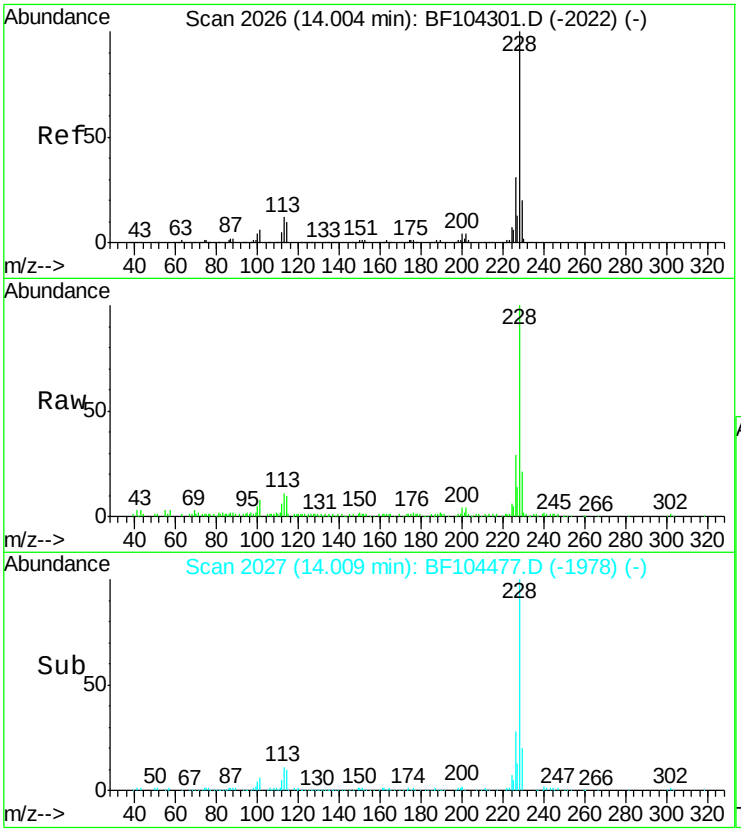


#80
Benzo(a)anthracene
Concen: 5.186 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:228 Resp: 89330

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.2	15.8	23.6



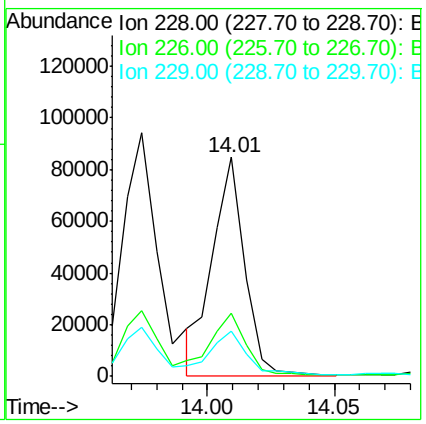


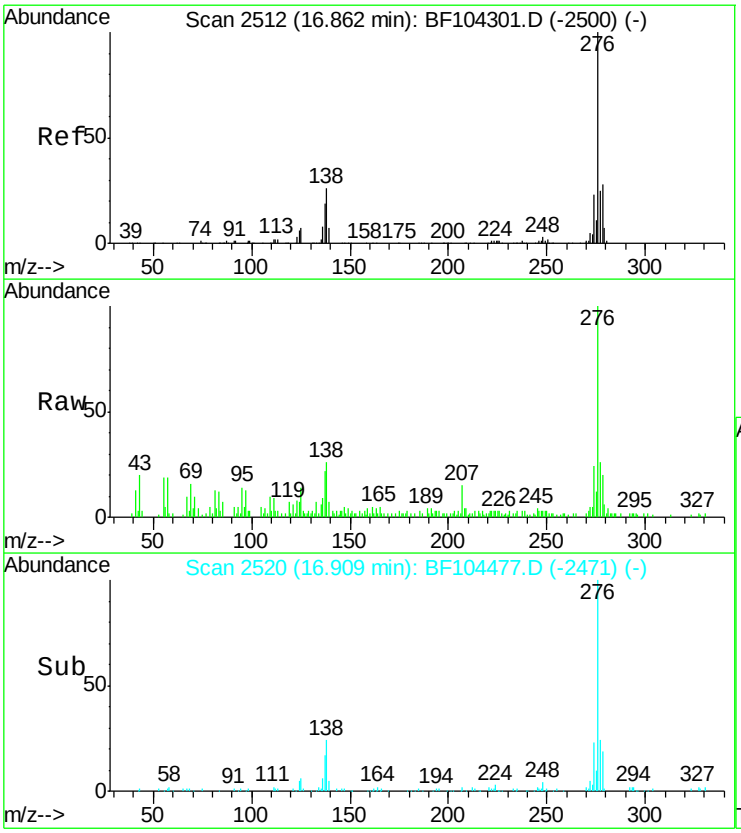
#82
Chrysene
Concen: 4.267 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 75486

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.8	16.2	24.4

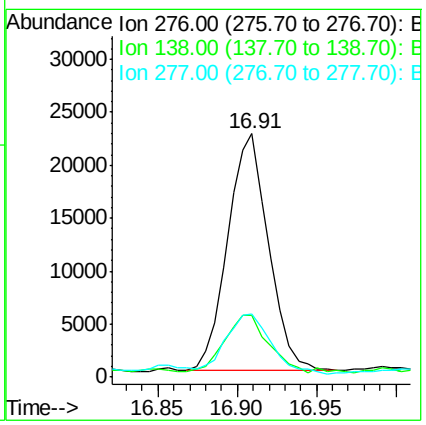


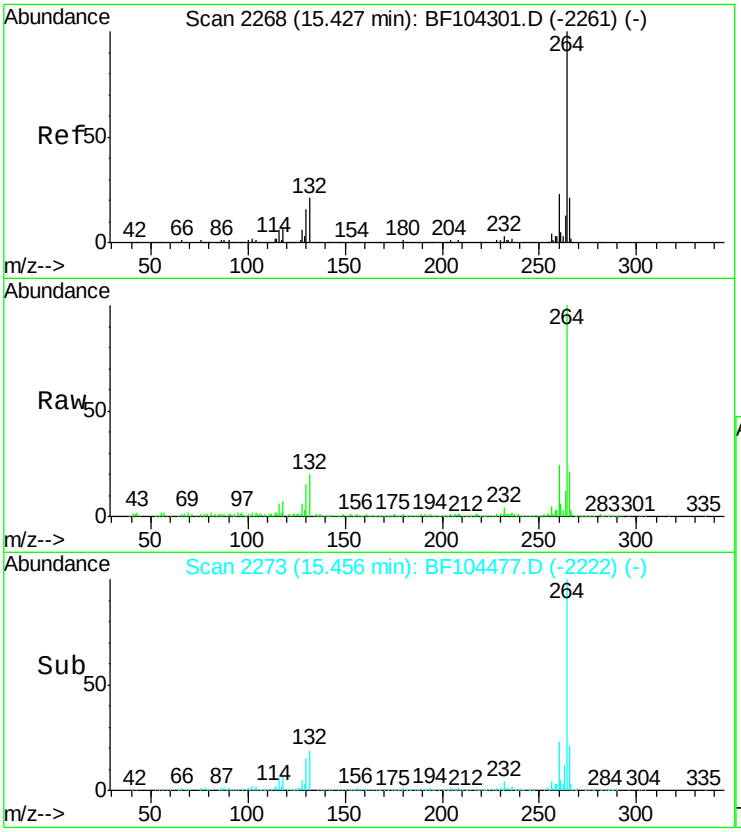


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.658 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:276 Resp: 39943

Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	27.7	20.1	30.1



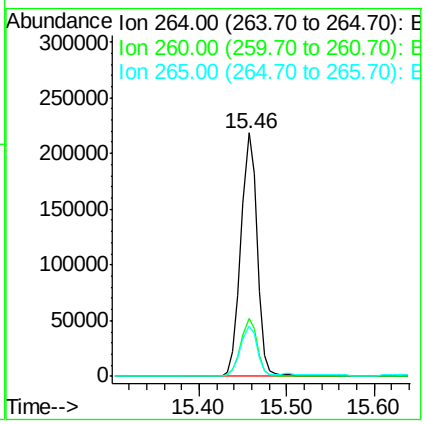


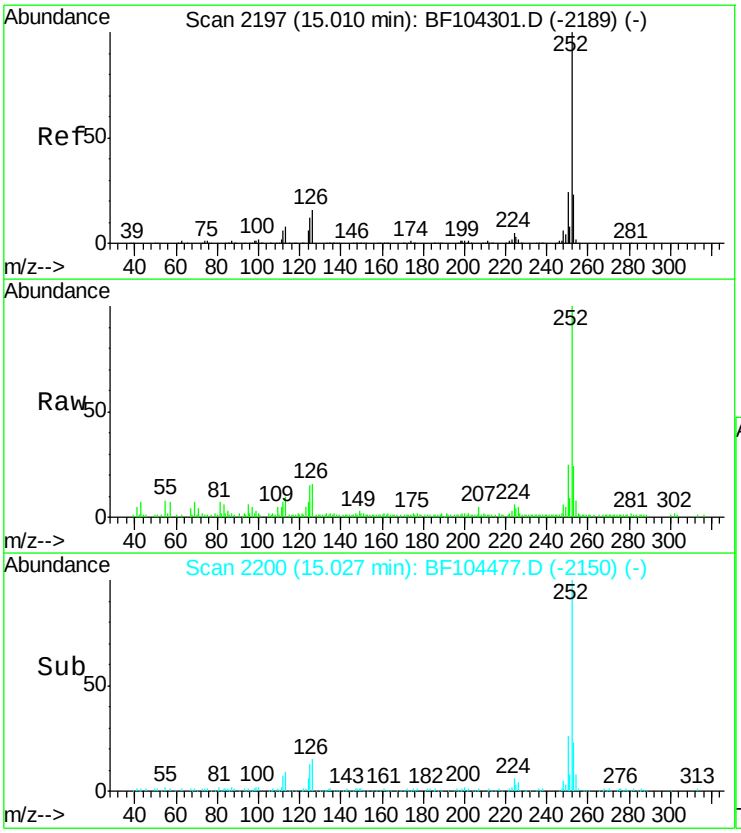
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 271677

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3

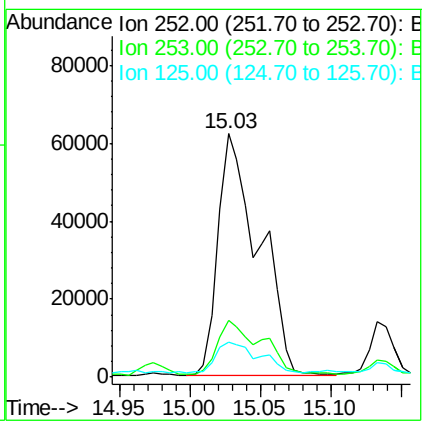


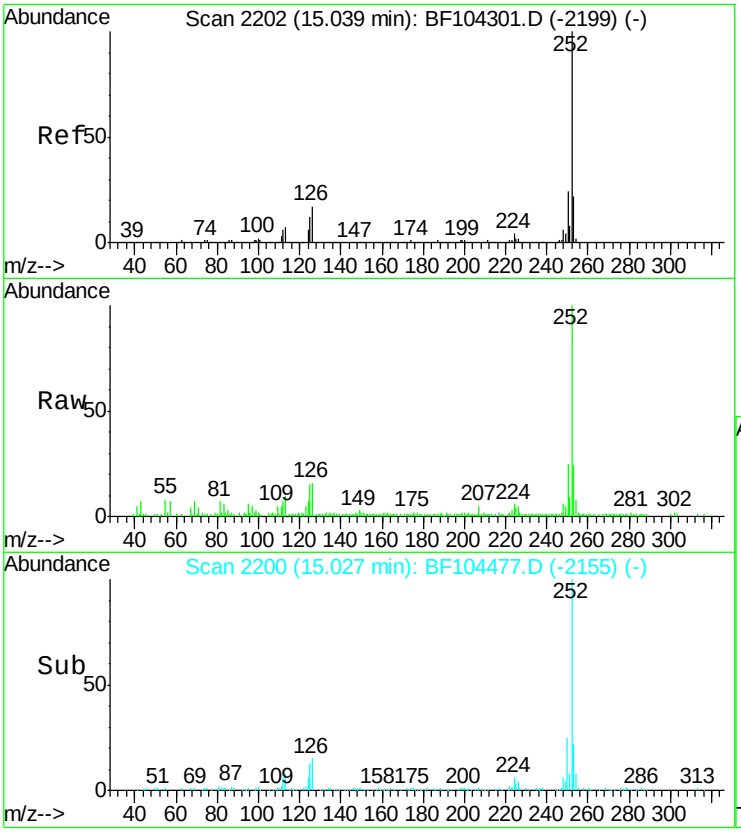


#87
Benzo(b)fluoranthene
Concen: 7.346 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:252 Resp: 126049

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.5	9.0	13.6#



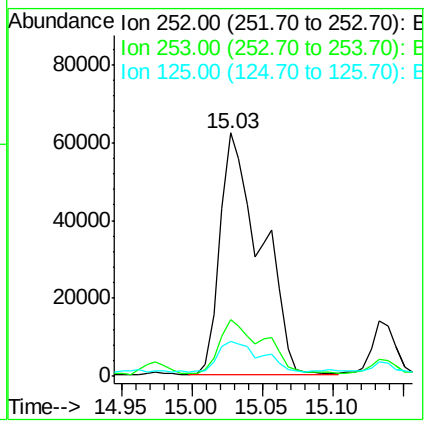


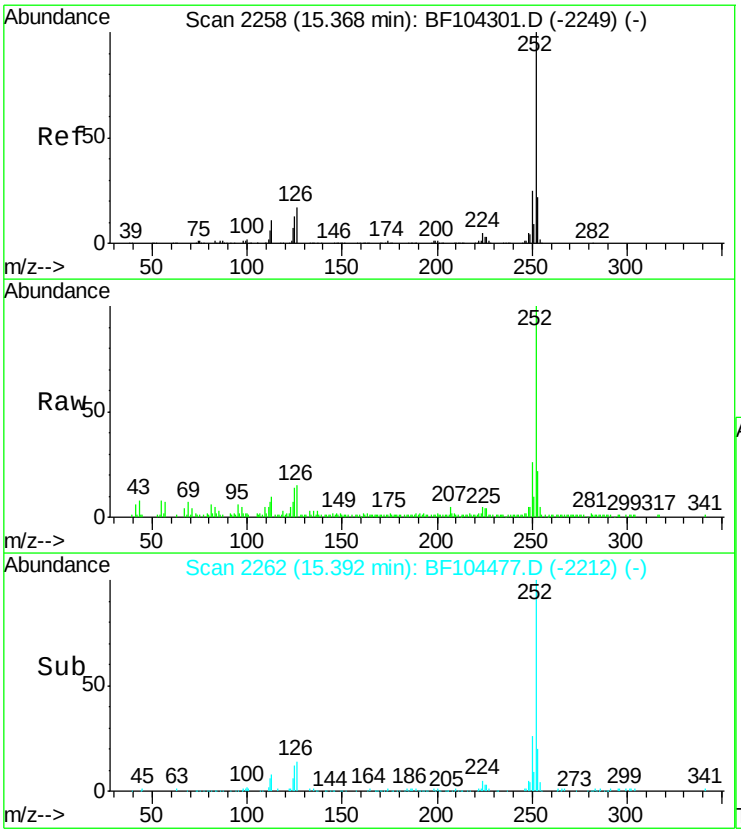
#88
Benzo(k)fluoranthene
Concen: 7.781 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 126049

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.5	10.2	15.2

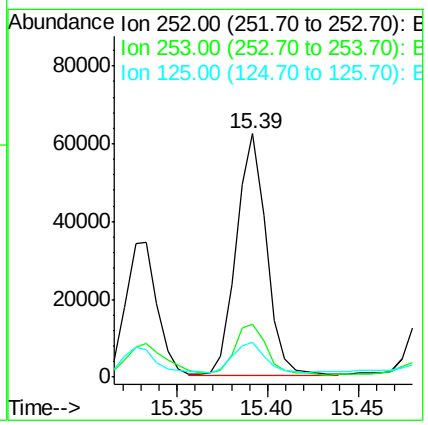


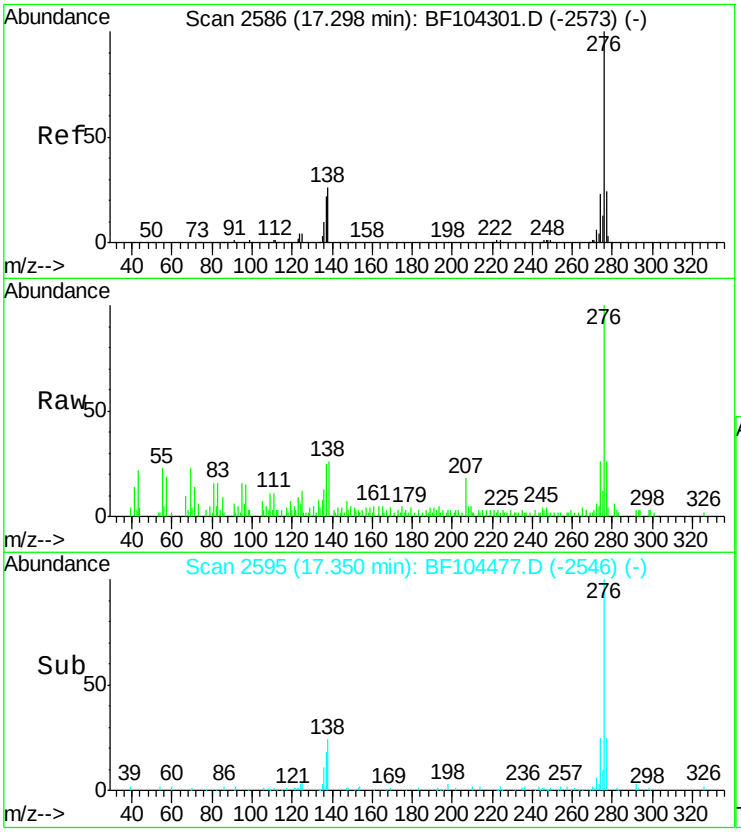


#89
Benzo(a)pyrene
Concen: 4.644 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion:252 Resp: 71304

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.223 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39370

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	26.0	21.8	32.8