Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 17:41:11 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	139928	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	557791	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	246562	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	379609	20.00	ng		0.00
75) Chrysene-d12	13.99	240	269970	20.00	ng		0.00
86) Perylene-d12	15.45	264	231486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	869683	95.03	ng		0.00
7) Phenol-d6	6.45	99	1068038	94.99	ng		0.00
23) Nitrobenzene-d5	7.37	82	667807	78.18	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	235367	92.02	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1008035	64.59	ng		0.00
78) Terphenyl-d14	12.93	244	764471	64.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	38962	3.266	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	87331	11.886	ng	#	74
25) Isophorone	7.37	82	667793	36.969	ng	#	64
49) Dimethylphthalate	9.56	163	156383	8.043	ng		100
56) 2,4-Dinitrotoluene	9.85	165	31571	6.690	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	457	7.556	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	14601	3.616	ng	#	1
74) Fluoranthene	12.55	202	63339	2.868	ng		98
76) Benzidine	12.60	184	393	Below Cal		#	1
77) Pyrene	12.78	202	60153	3.006	ng		97
82) Chrysene	14.01	228	33965	2.050	ng		98
87) Benzo(b)fluoranthene	15.02	252	53457	3.656	ng	#	88
88) Benzo(k)fluoranthene	15.02	252	53457	3.873	ng	#	91

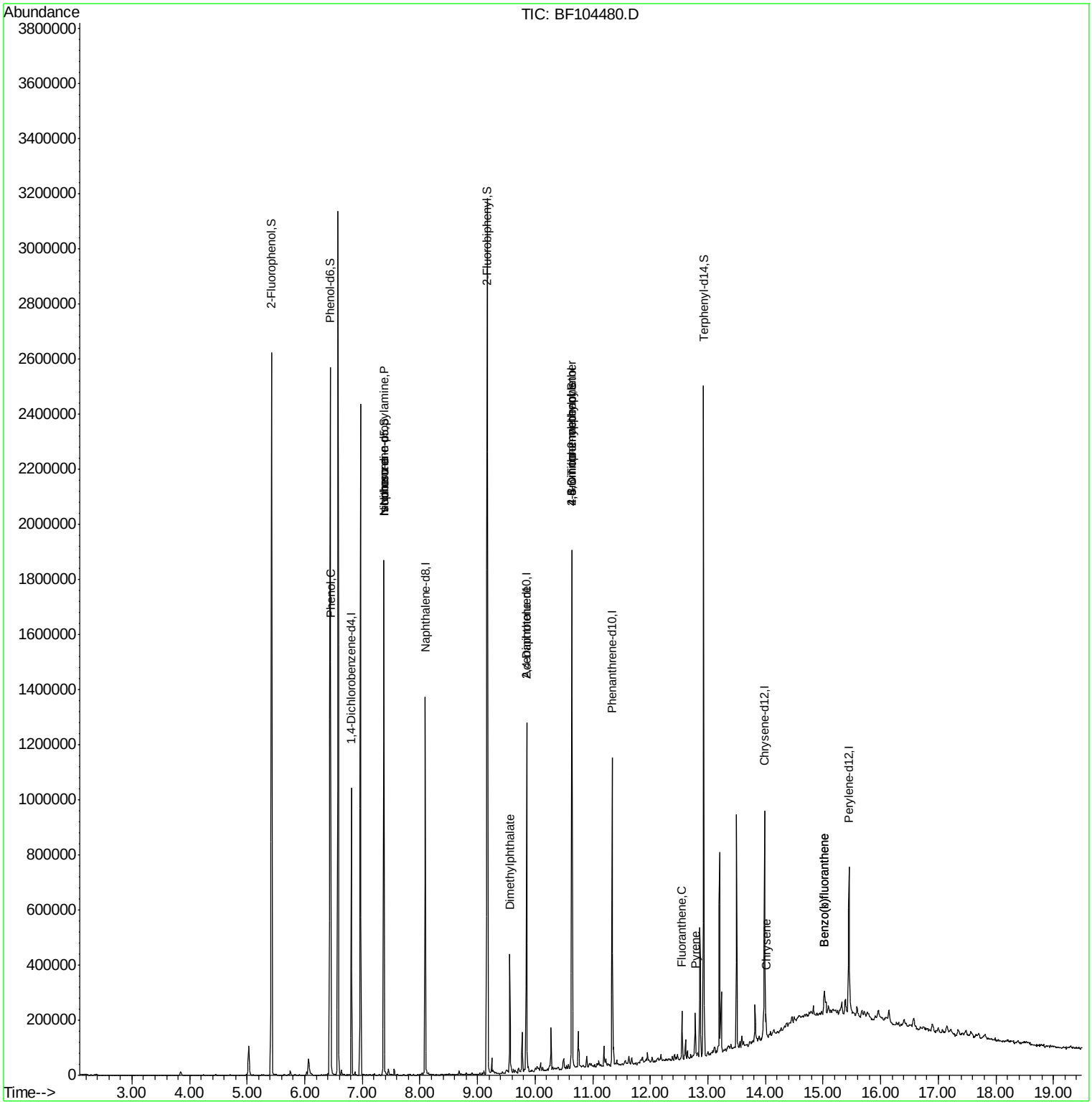
(#) = qualifier out of range (m) = manual integration (+) = signals summed

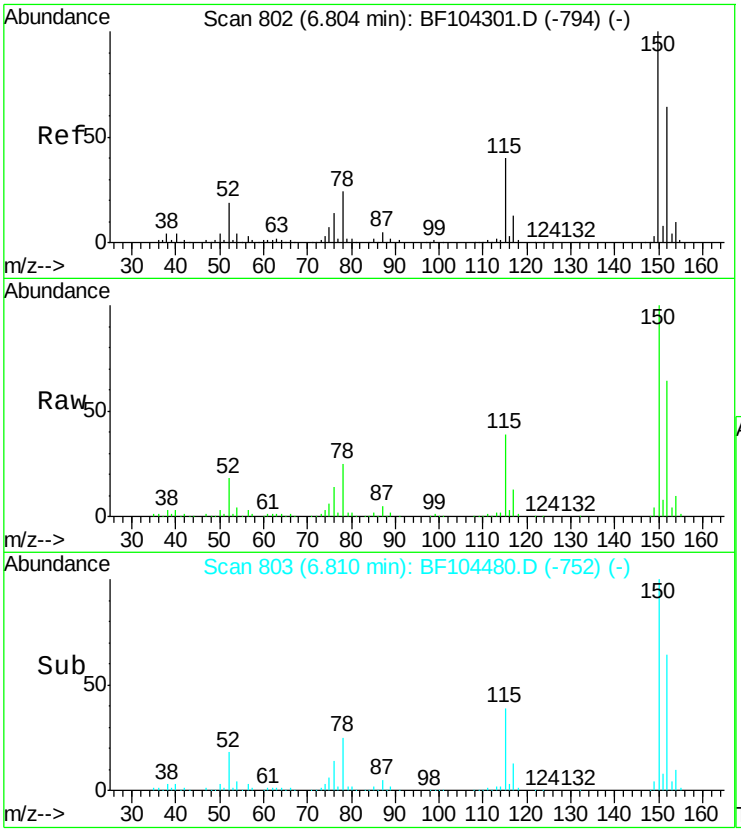
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 17:41:11 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



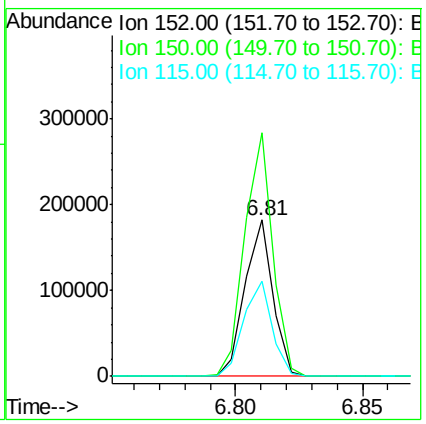


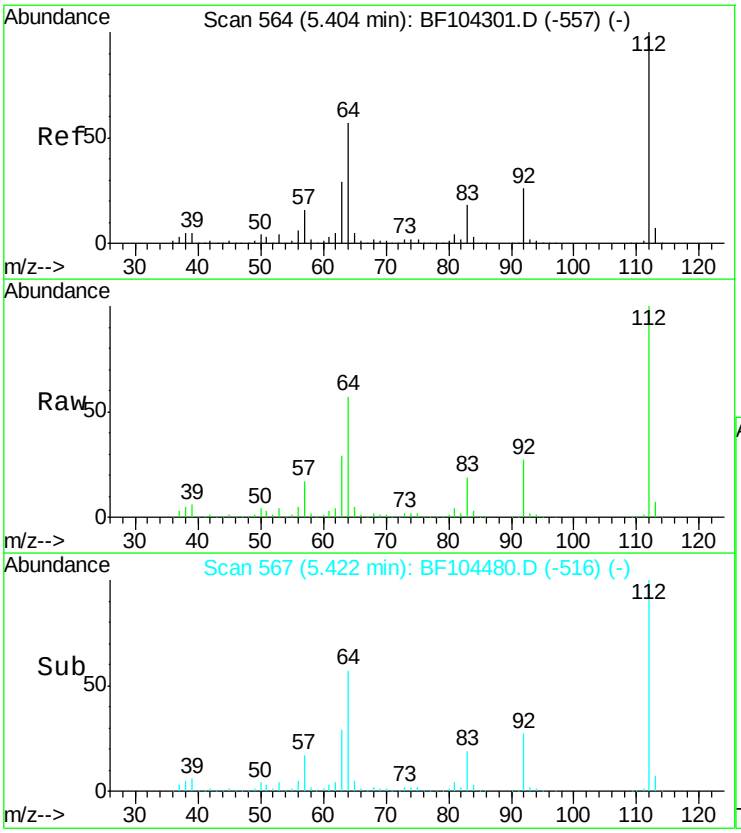
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139928

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.6	50.1	75.1

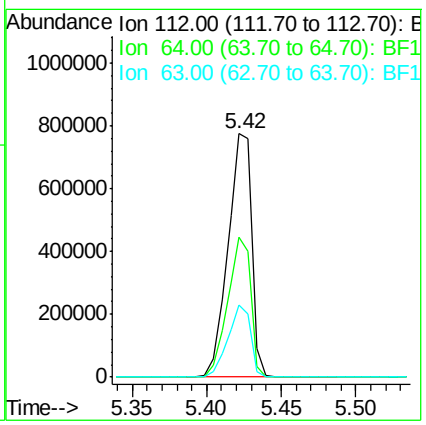


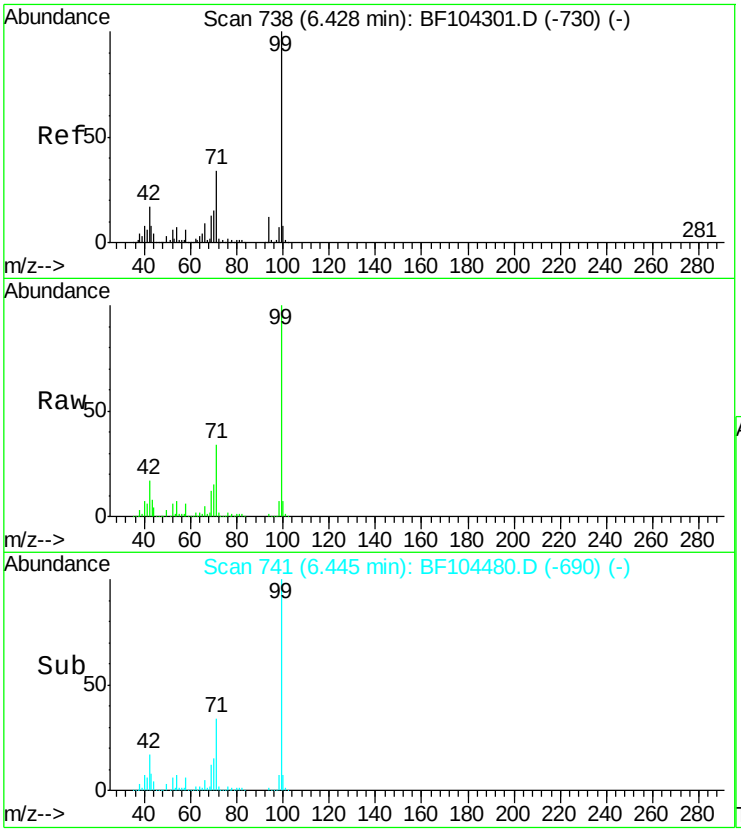


#5
2-Fluorophenol
Concen: 95.034 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:112 Resp: 869683

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.4	23.7	35.5



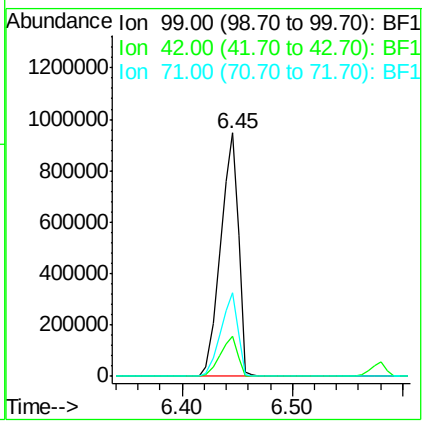


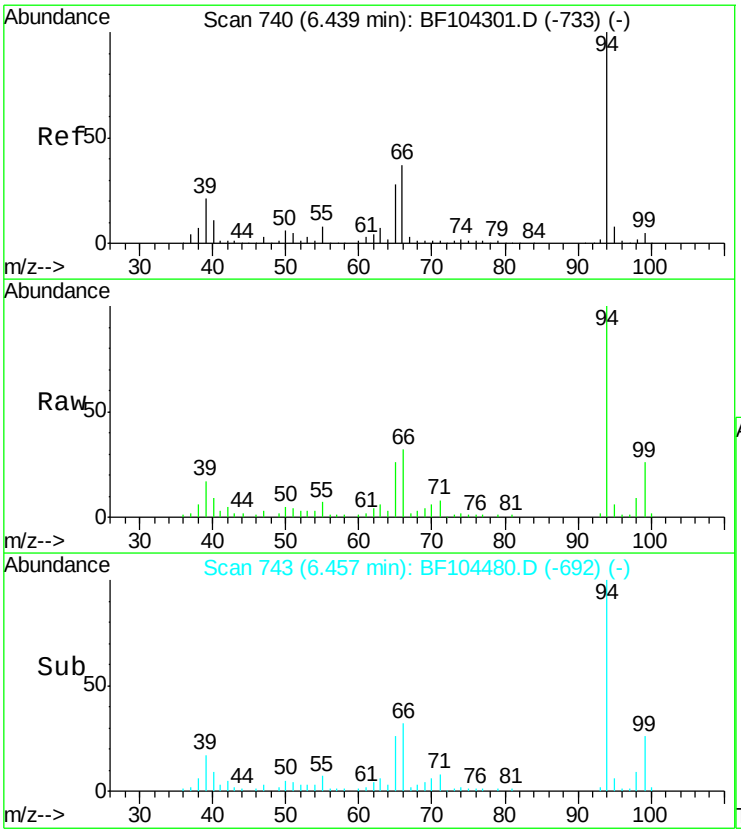
#7
Phenol-d6
Concen: 94.988 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1068038

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	34.1	25.4	38.0

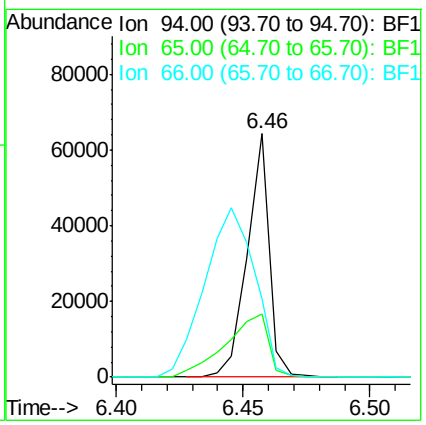


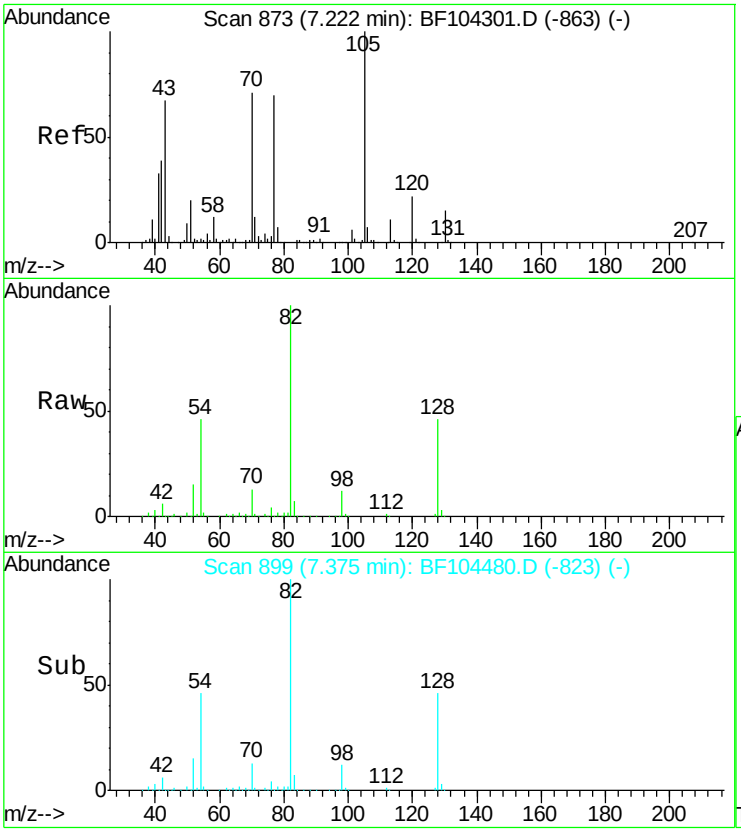


#10
Phenol
Concen: 3.266 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion: 94 Resp: 38962

Ion	Ratio	Lower	Upper
94	100		
65	25.7	7.9	47.9
66	32.5	16.2	56.2



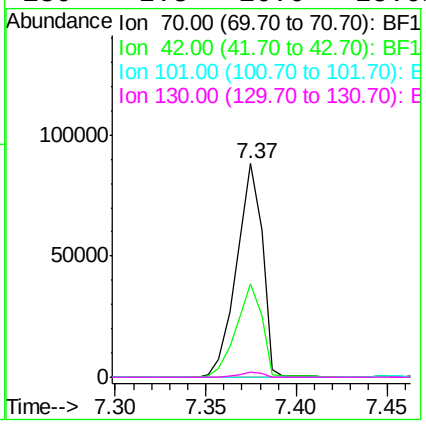


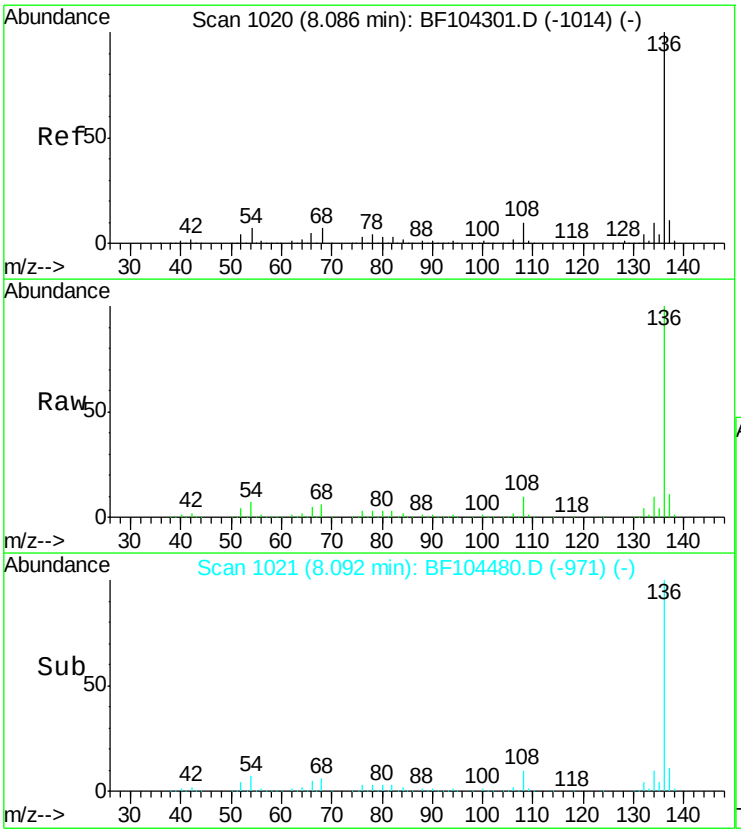
#19
n-Nitroso-di-n-propylamine
Concen: 11.886 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 87331

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

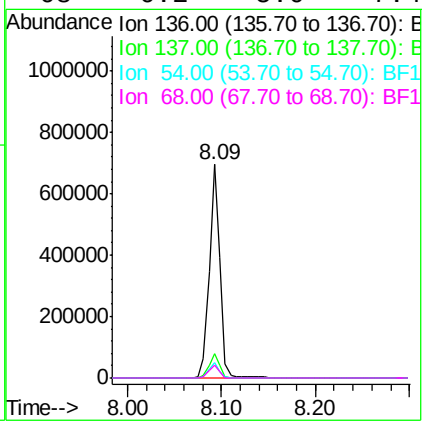


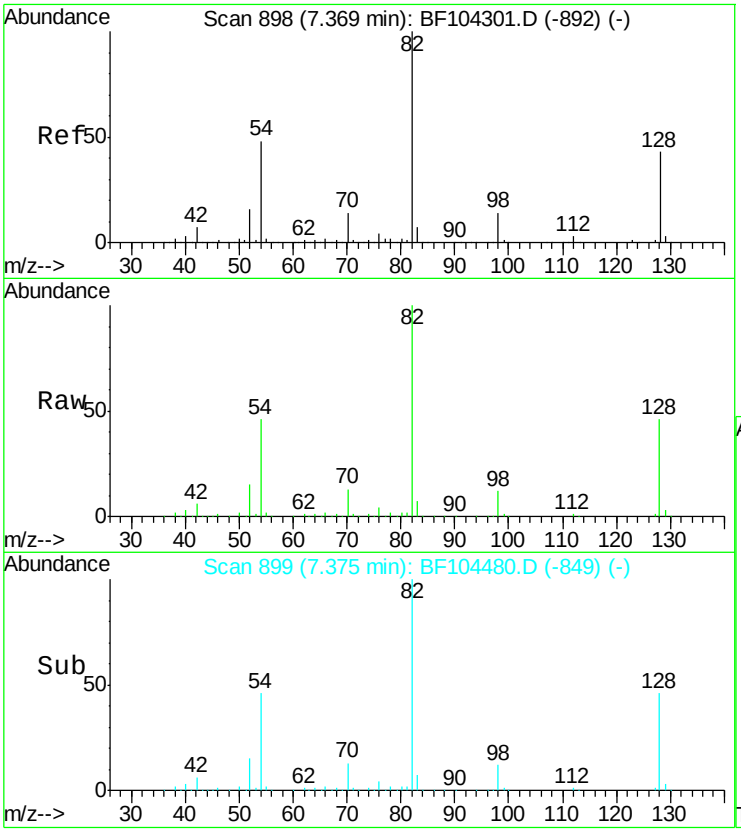


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:136 Resp: 557791

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	6.2	5.0	7.4



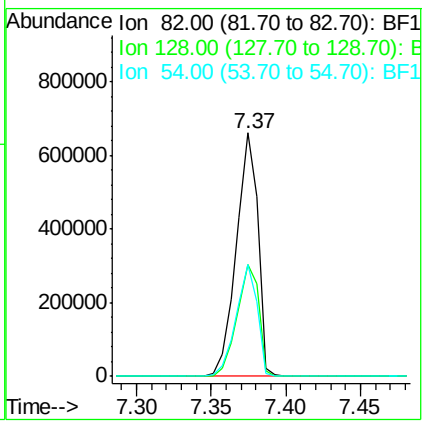


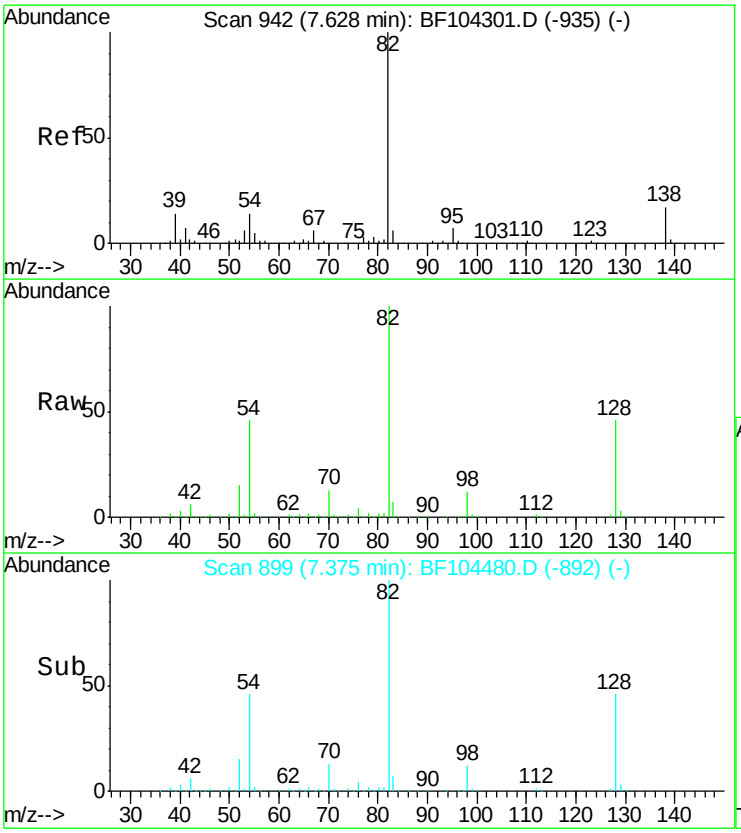
#23
Nitrobenzene-d5
Concen: 78.177 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 667807

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	46.0	41.4	62.2

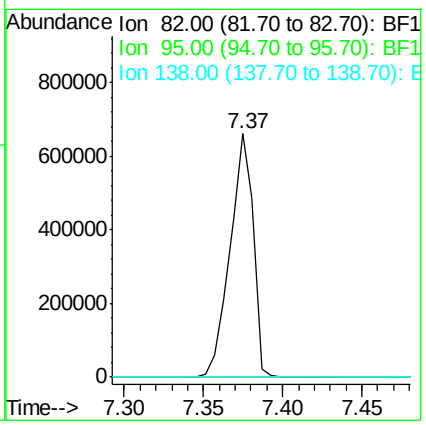


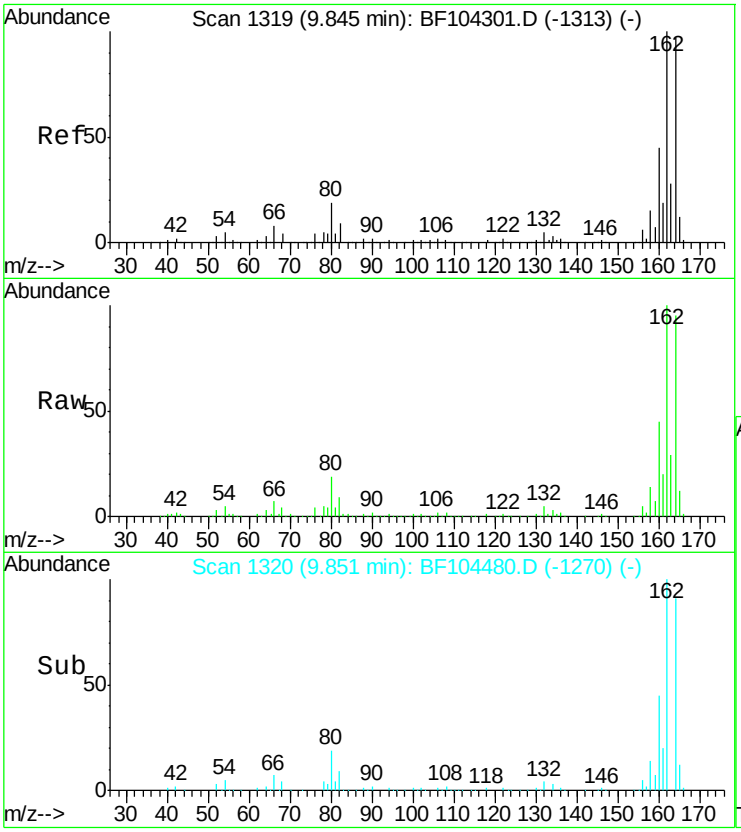


#25
Isophorone
Concen: 36.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion: 82 Resp: 667793

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



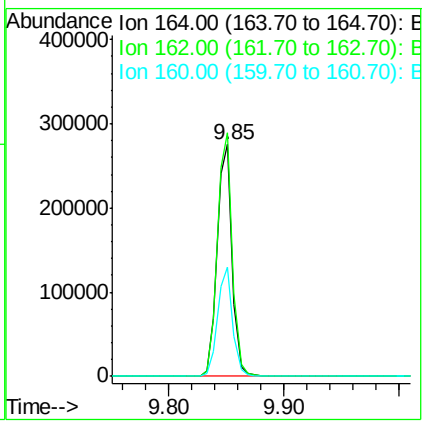


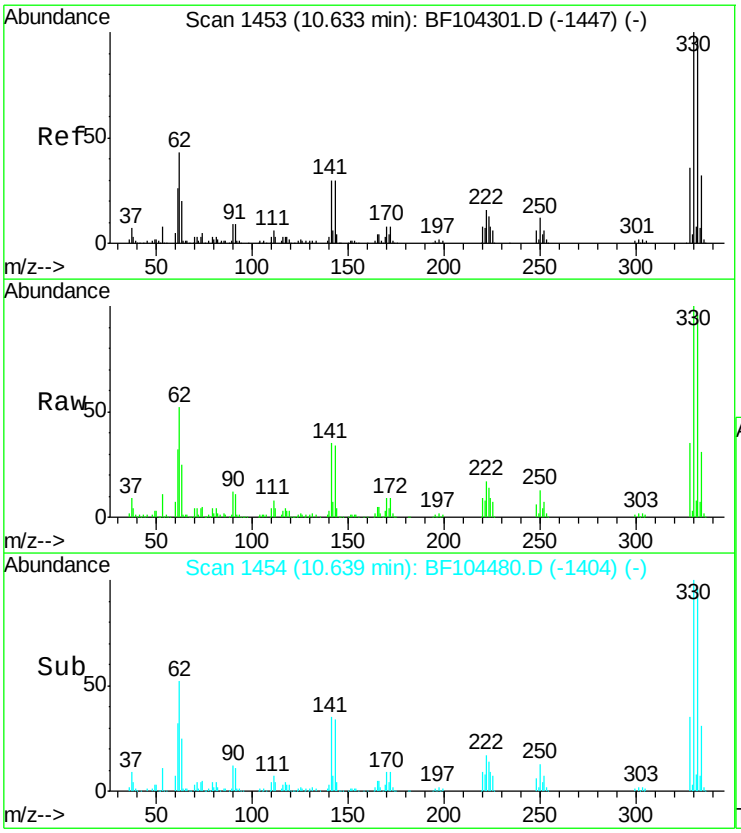
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 246562

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.1	38.3	57.5

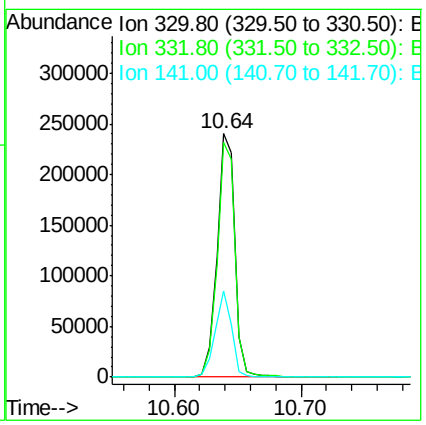


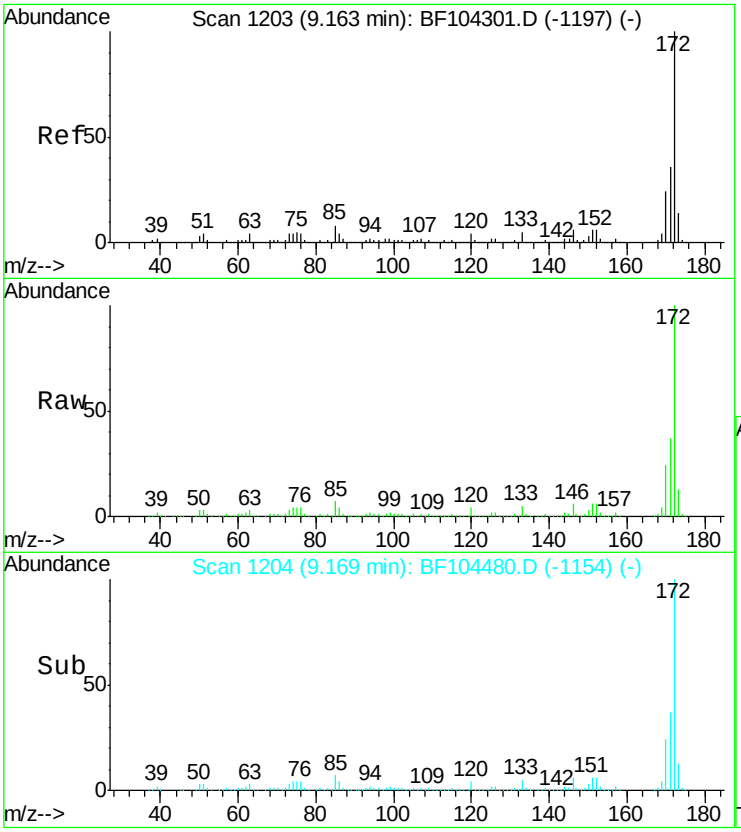


#41
2,4,6-Tribromophenol
Concen: 92.025 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:330 Resp: 235367

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.6	29.9	44.9



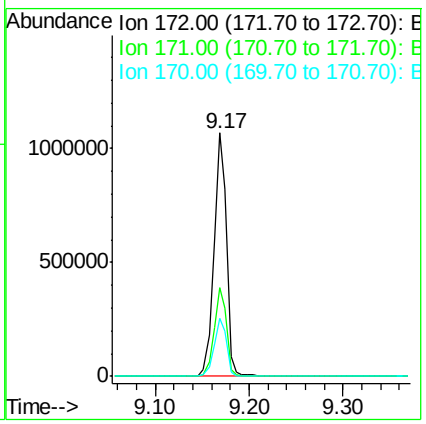


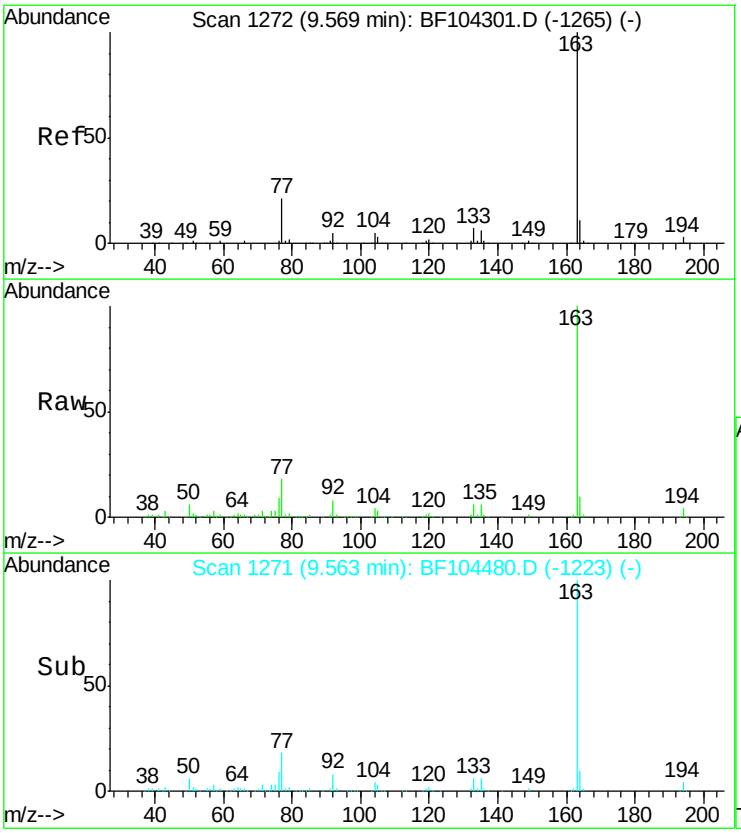
#44
2-Fluorobiphenyl
Concen: 64.586 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1008035

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.6	19.6	29.4

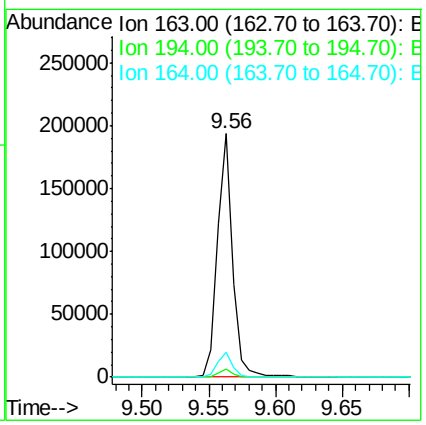


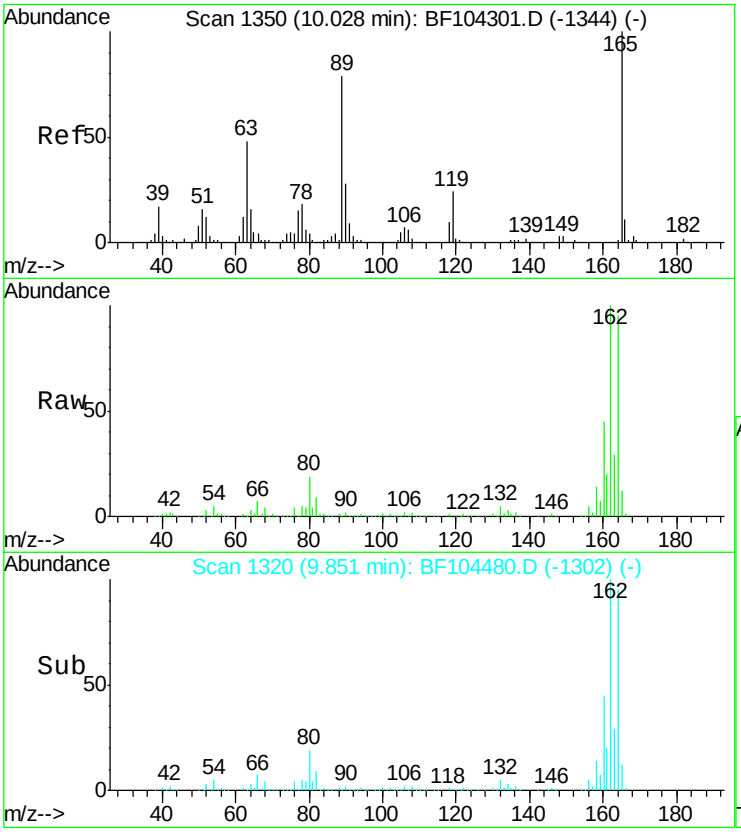


#49
Dimethylphthalate
Concen: 8.043 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:163 Resp: 156383

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



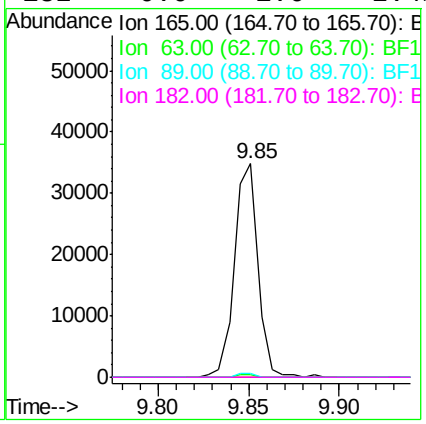


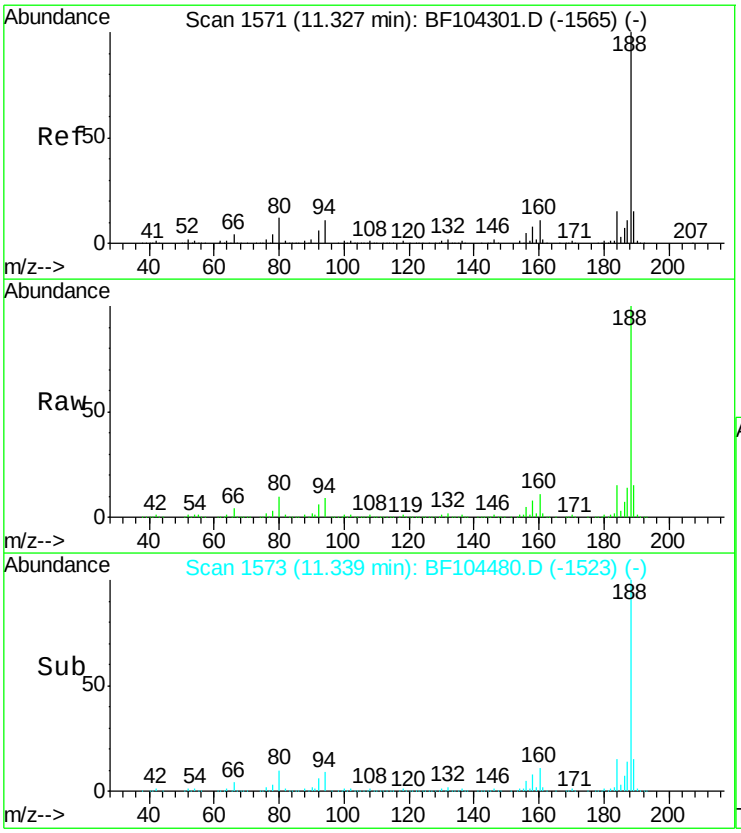
#56
2,4-Dinitrotoluene
Concen: 6.690 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31571

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

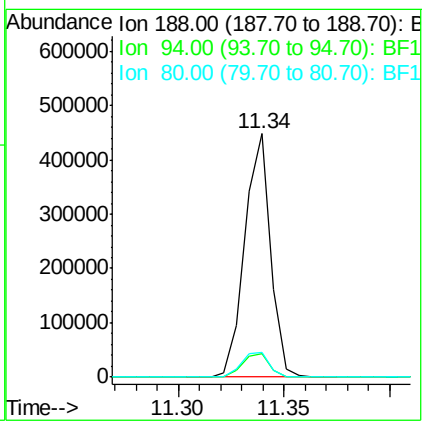


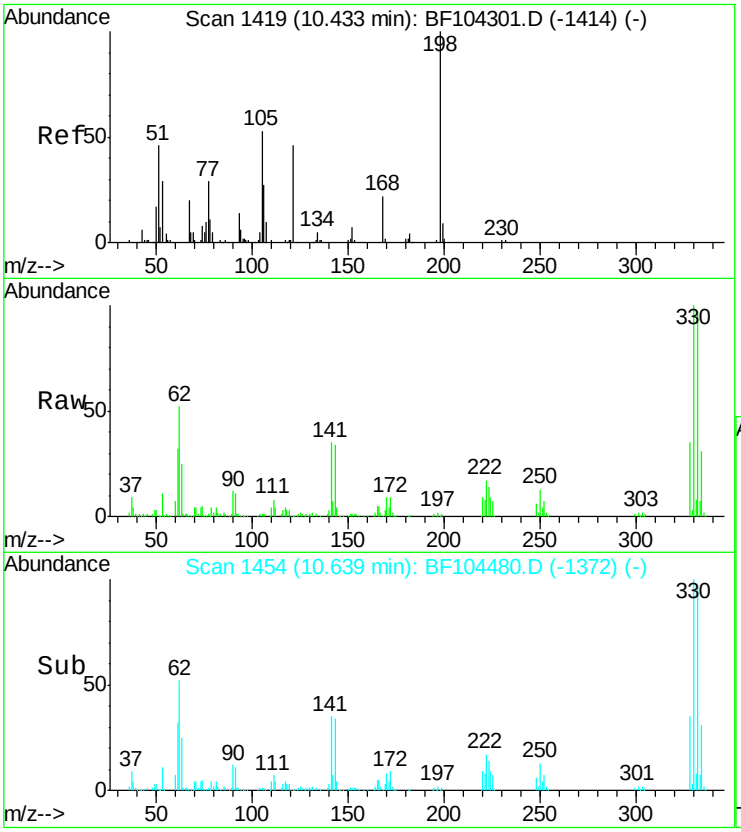


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:188 Resp: 379609

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8



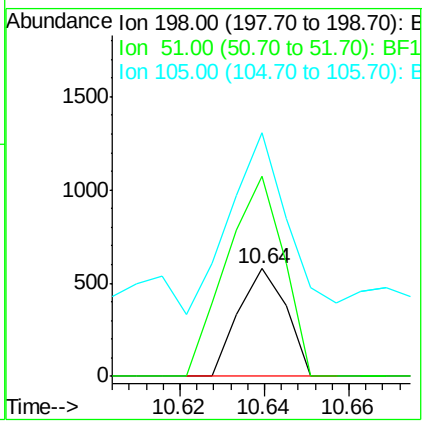


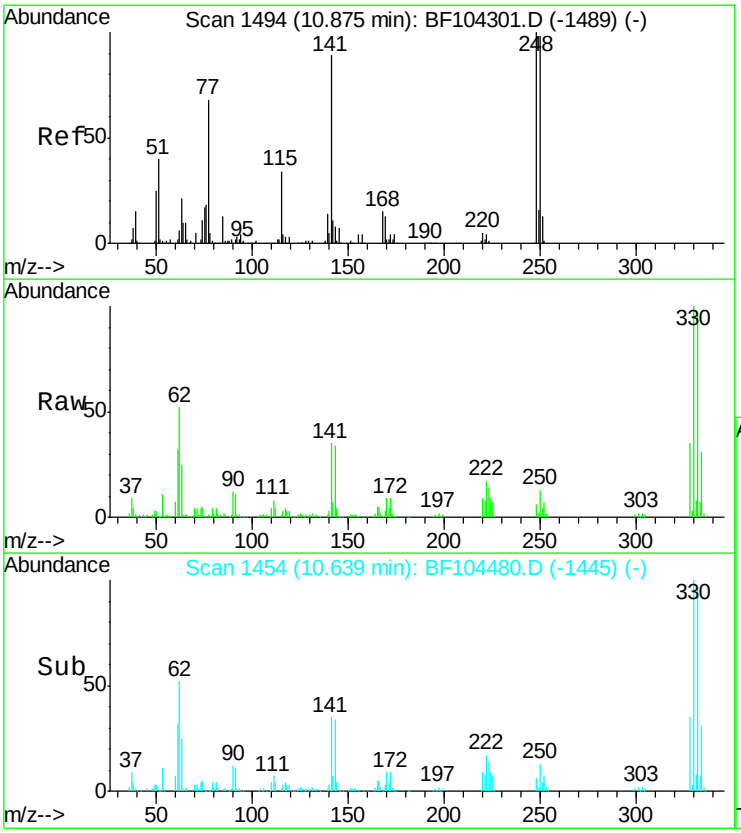
#64
4,6-Dinitro-2-methylphenol
Concen: 7.556 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	186.5	37.7	77.7#
105	226.3	36.3	76.3#

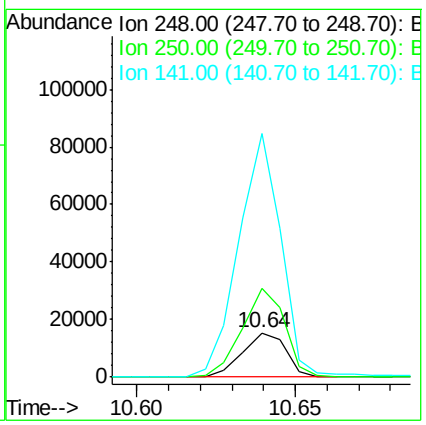


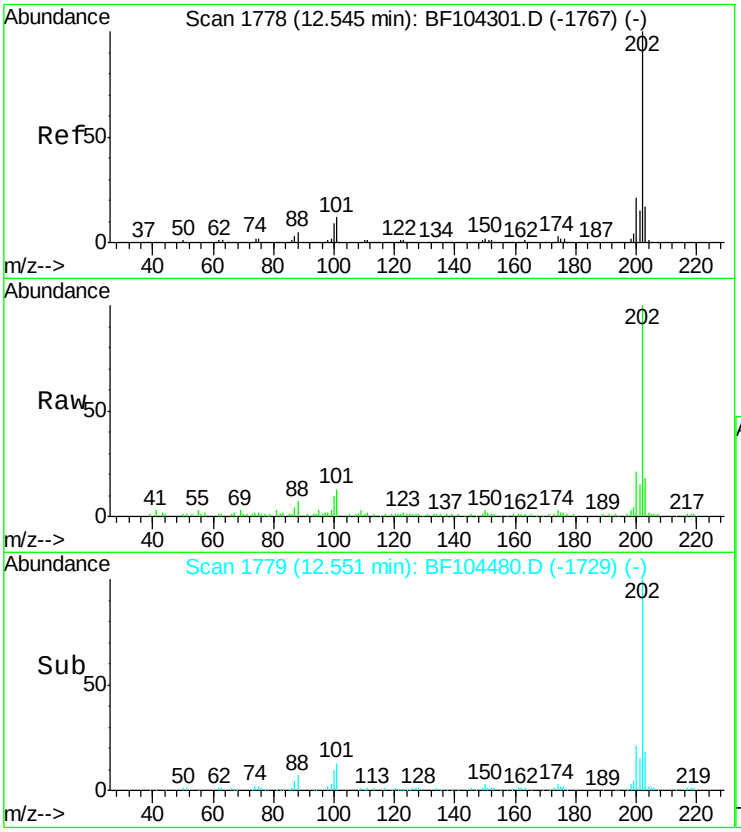


#66
4-Bromophenyl-phenylether
Concen: 3.616 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:248 Resp: 14601

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	548.2	74.4	111.6#



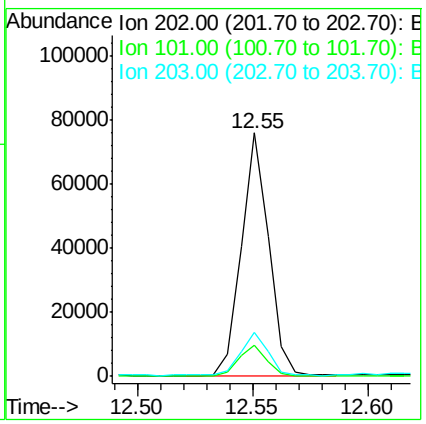


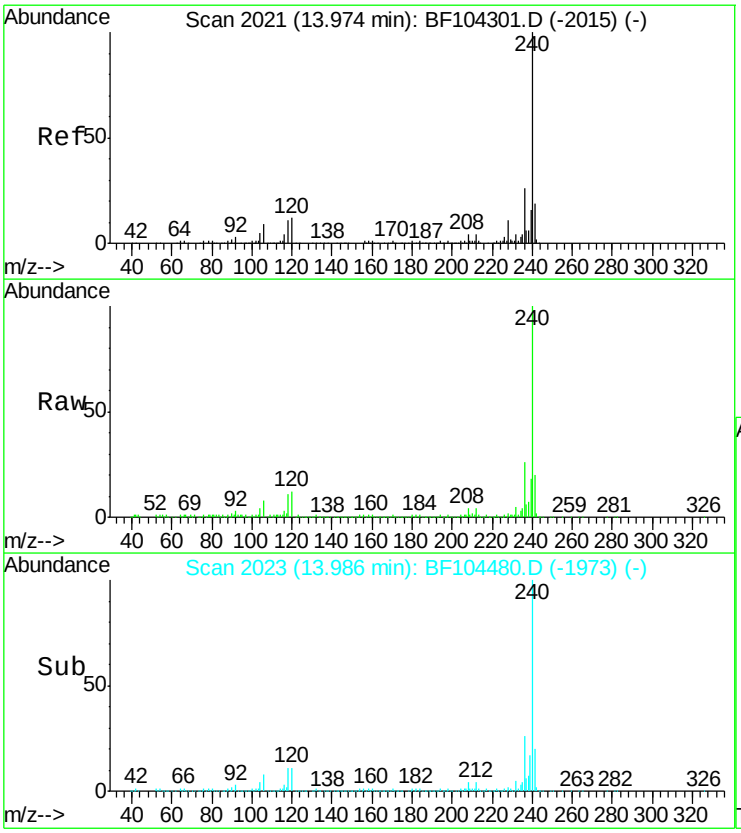
#74
Fluoranthene
Concen: 2.868 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 63339

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1

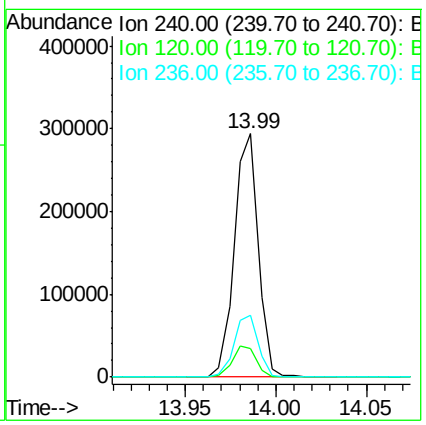


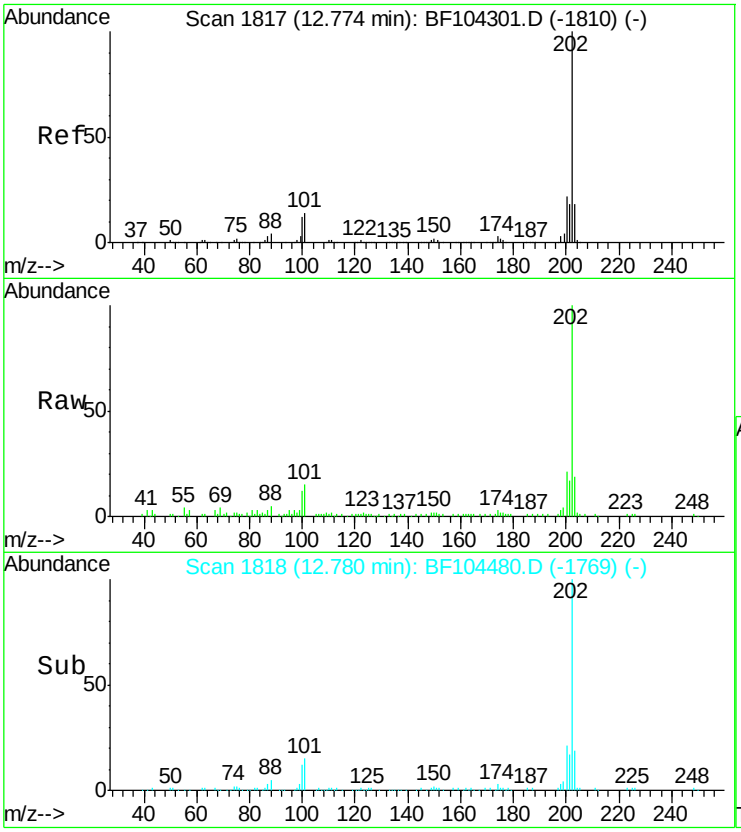


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:240 Resp: 269970

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.5	20.7	31.1



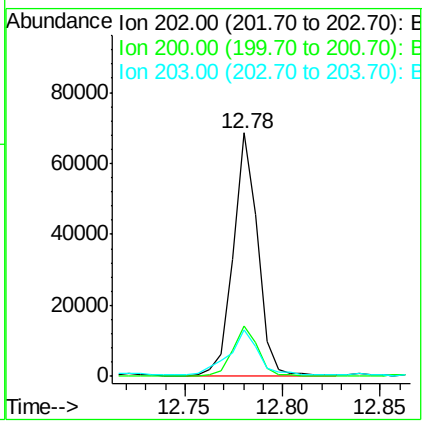


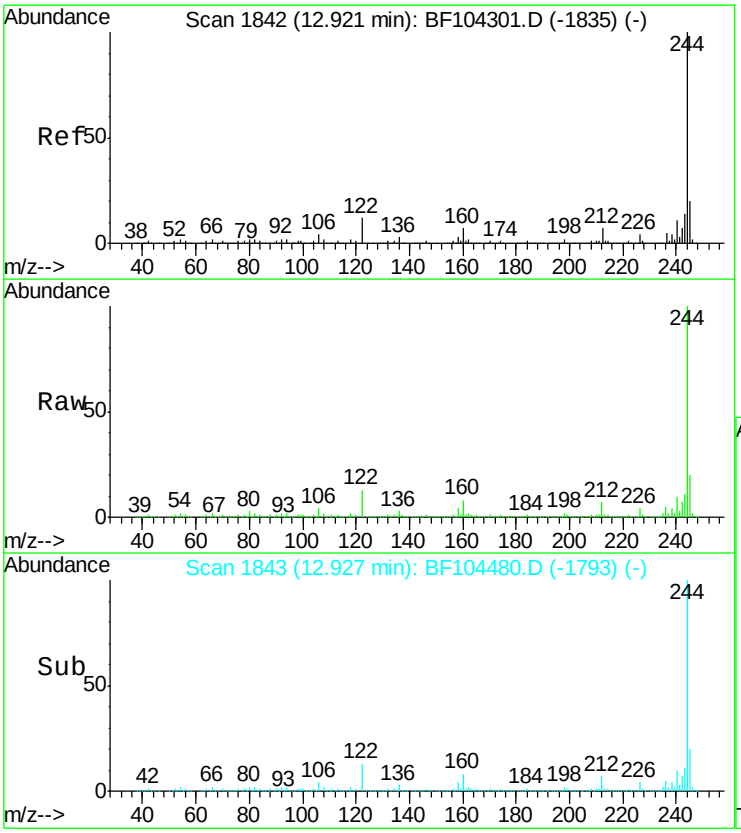
#77
Pyrene
Concen: 3.006 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60153

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	19.2	14.3	21.5

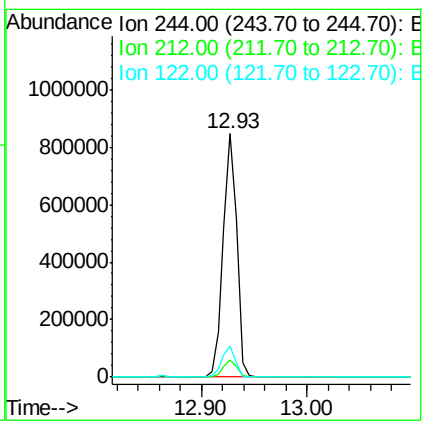


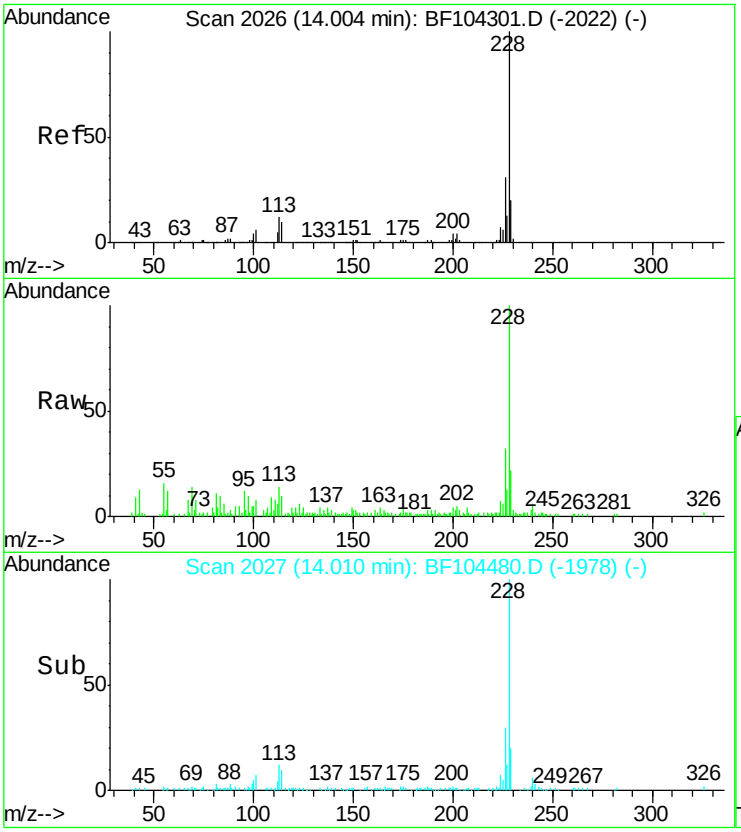


#78
Terphenyl-d14
Concen: 64.558 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:244 Resp: 764471

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4



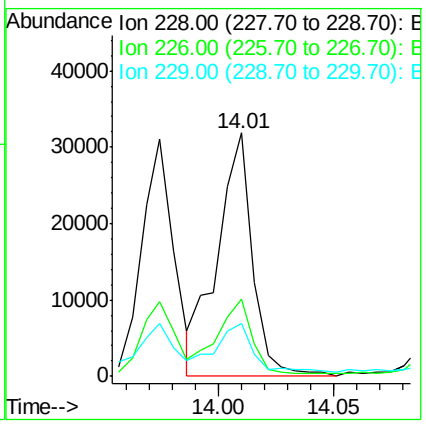


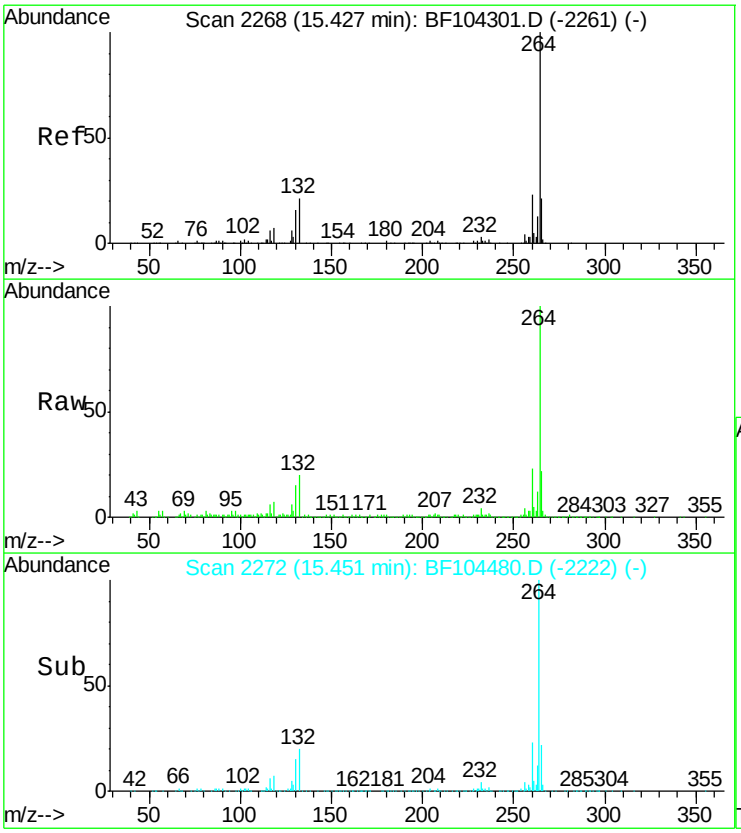
#82
Chrysene
Concen: 2.050 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33965

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.8	16.2	24.4

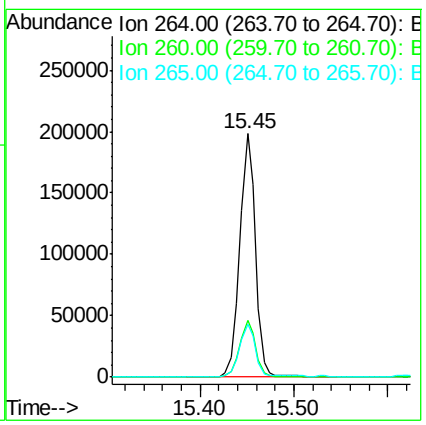


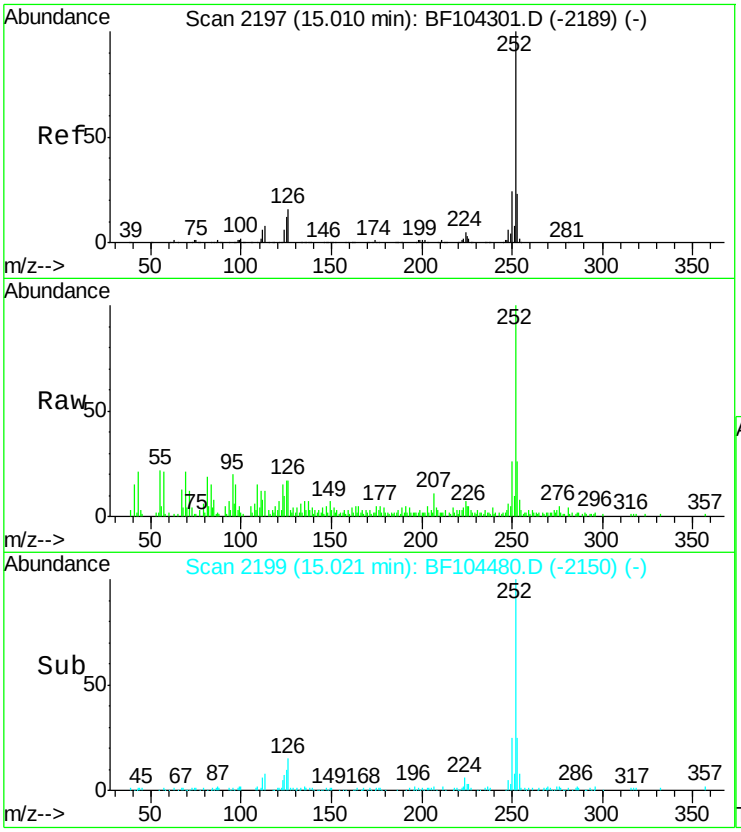


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:264 Resp: 231486

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3



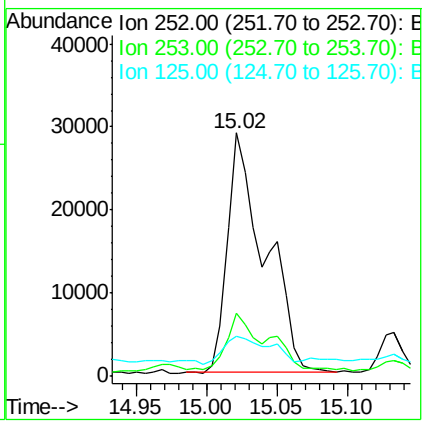


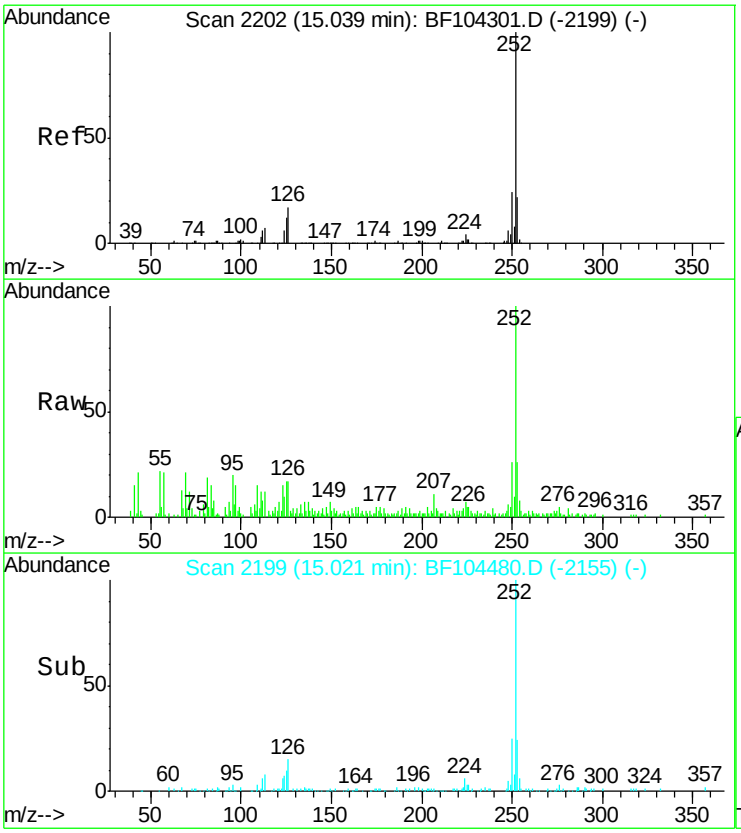
#87
Benzo(b)fluoranthene
Concen: 3.656 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53457

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	16.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.873 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF104480.D
Acq: 13 Apr 2018 16:01

Tgt Ion:252 Resp: 53457

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	16.6	10.2	15.2#