Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104323.D
Acq On : 6 Apr 2018 23:16
Operator : JU/SJ
Sample : J2164-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 07 00:24:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139023	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	550035	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	238206	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	350508	20.00	ng		0.00
75) Chrysene-d12	13.97	240	285501	20.00	ng		0.00
86) Perylene-d12	15.43	264	254645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	378275	41.60	ng		0.00
7) Phenol-d6	6.42	99	460683	41.24	ng		0.00
23) Nitrobenzene-d5	7.36	82	251954	29.91	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	87718	35.50	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	476543	31.60	ng		0.00
78) Terphenyl-d14	12.92	244	314780	25.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	678	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.36	70	32299	4.425	ng	#	76
25) Isophorone	7.36	82	251830	14.138	ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	31460	9.051	ng	#	26
56) 2,4-Dinitrotoluene	9.84	165	31460	6.900	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	108	7.401	ng	#	1
74) Fluoranthene	12.54	202	64318	3.154	ng		98
76) Benzidine	12.44	184	709	Below Cal		#	1
77) Pyrene	12.77	202	72347	3.419	ng		98
80) Benzo(a)anthracene	13.96	228	40123	2.352	ng		95
82) Chrysene	13.99	228	36516	2.084	ng		97
87) Benzo(b)fluoranthene	15.00	252	66138	4.112	ng	#	90
88) Benzo(k)fluoranthene	15.00	252	66138	4.356	ng	#	93
89) Benzo(a)pyrene	15.36	252	35216	2.447	ng	#	89

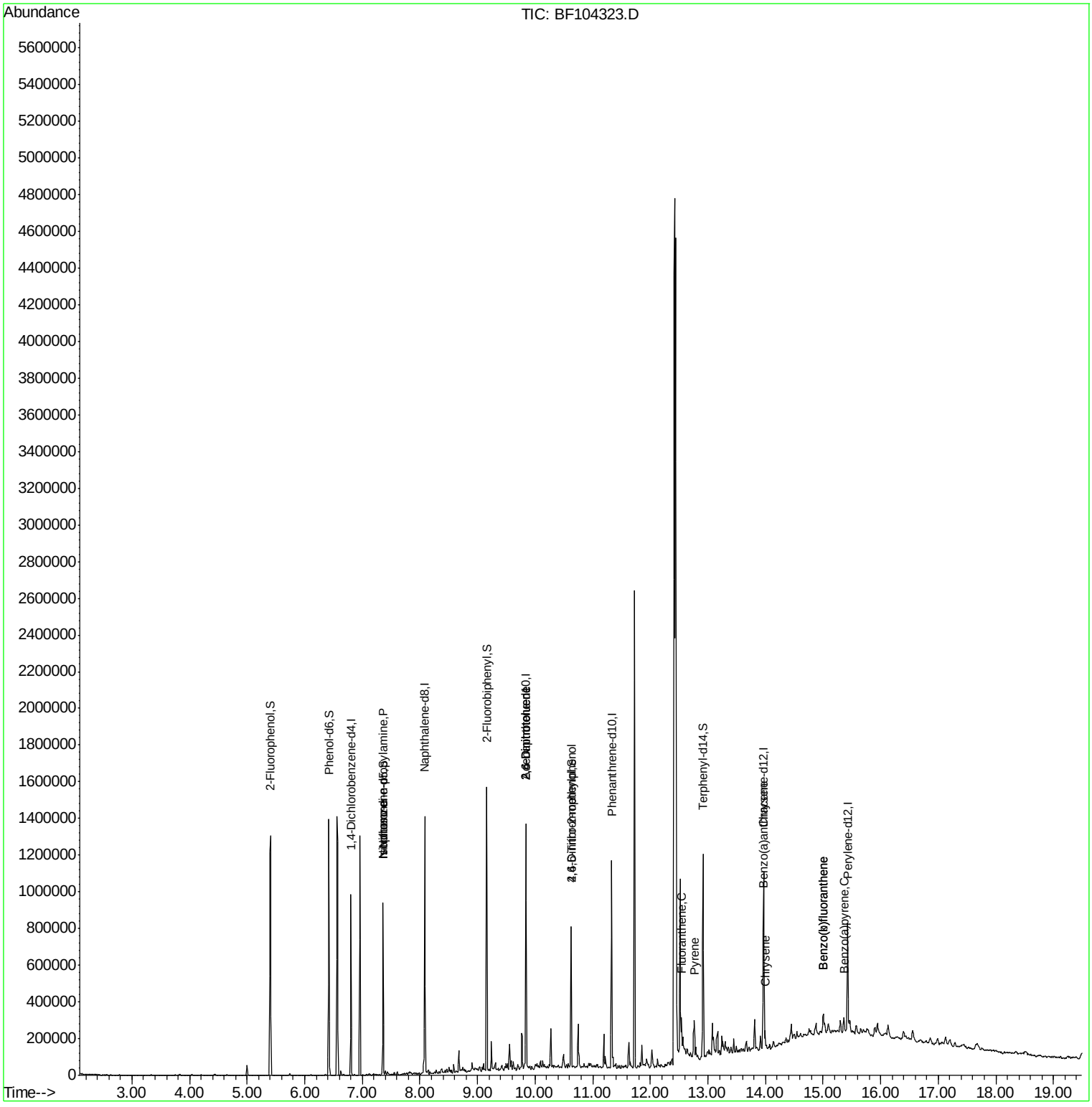
(#) = qualifier out of range (m) = manual integration (+) = signals summed

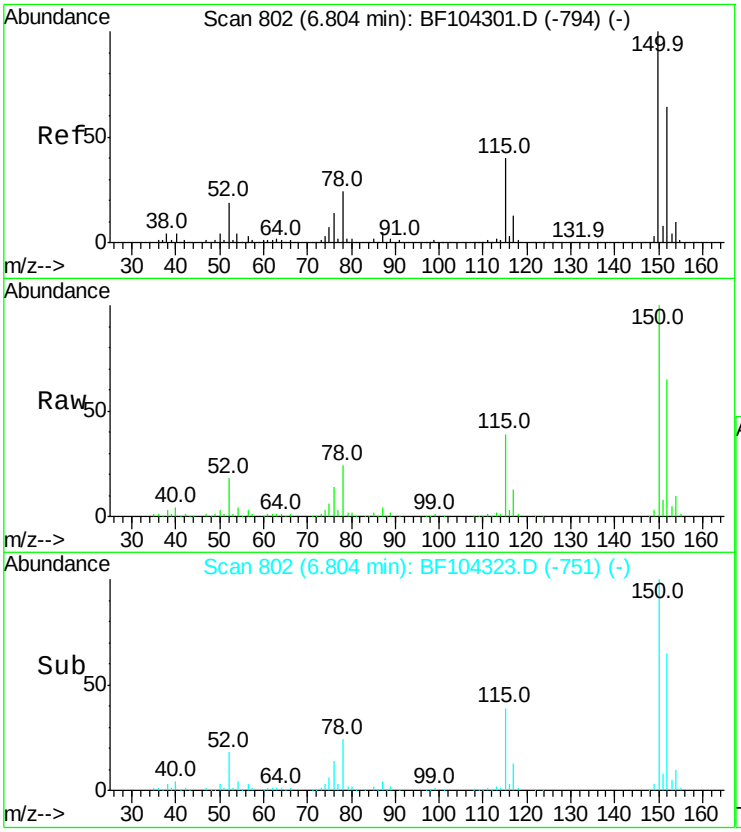
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104323.D
Acq On : 6 Apr 2018 23:16
Operator : JU/SJ
Sample : J2164-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 07 00:24:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



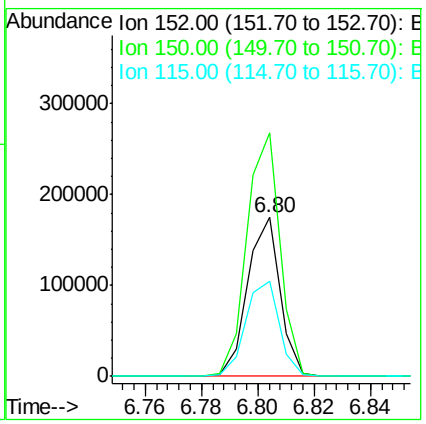


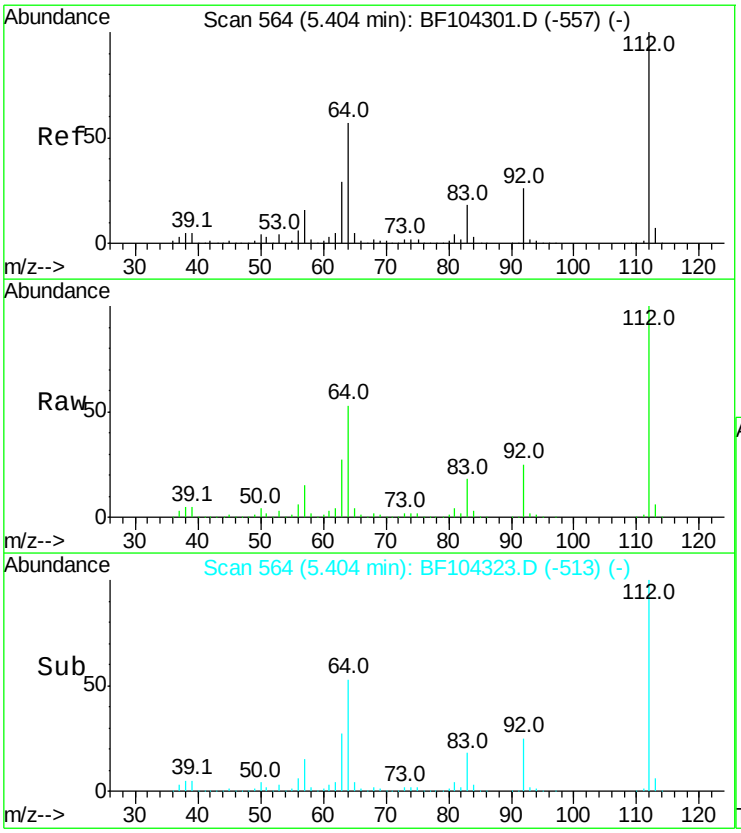
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139023

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	60.2	50.1	75.1

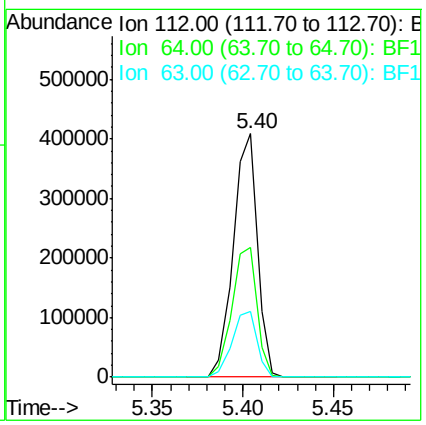


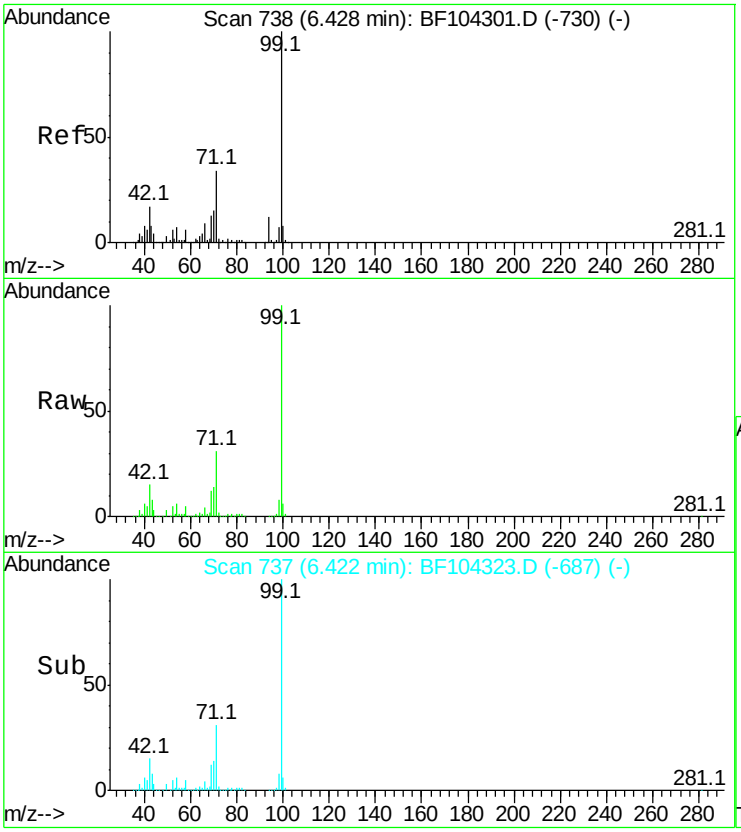


#5
2-Fluorophenol
Concen: 41.605 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:112 Resp: 378275

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	26.9	23.7	35.5



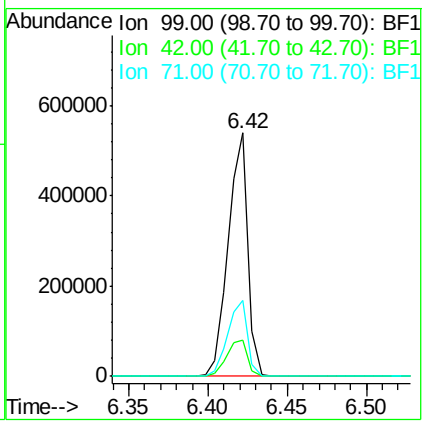


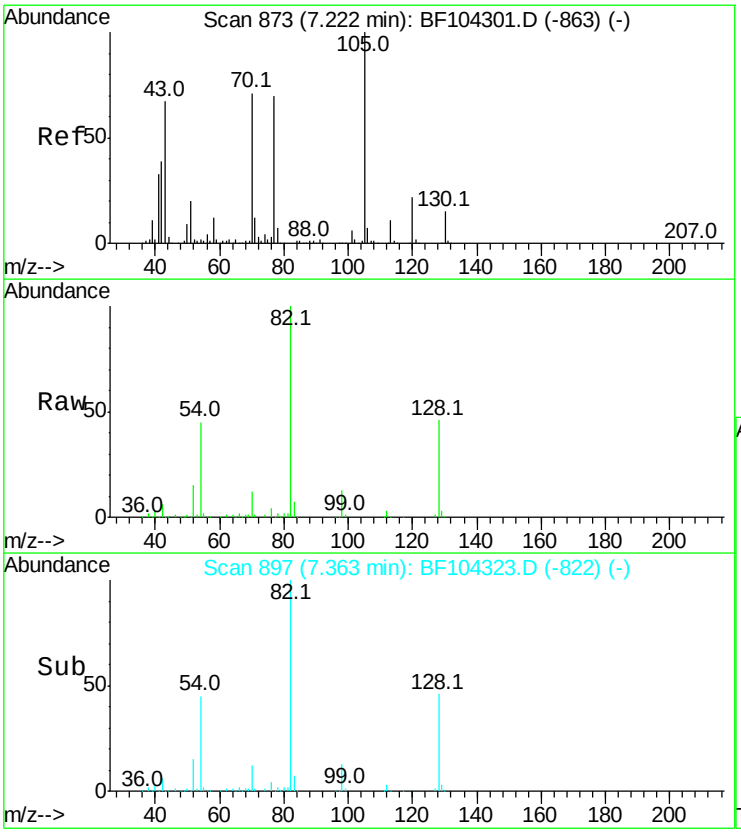
#7
Phenol-d6
Concen: 41.238 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 460683

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	31.0	25.4	38.0

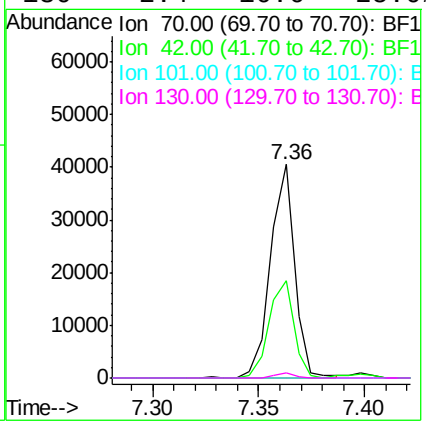


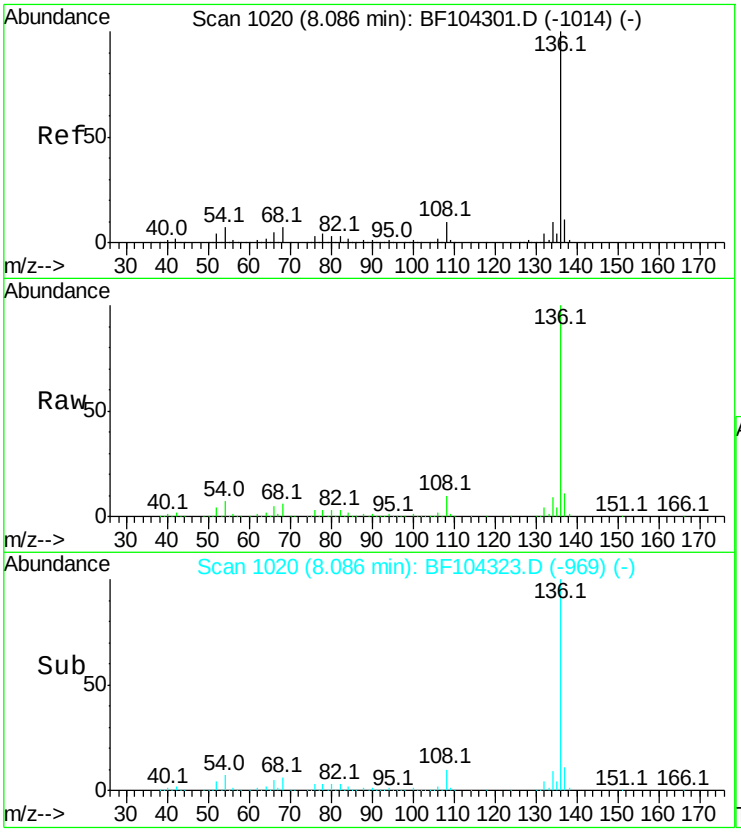


#19
n-Nitroso-di-n-propylamine
Concen: 4.425 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion: 70 Resp: 32299

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



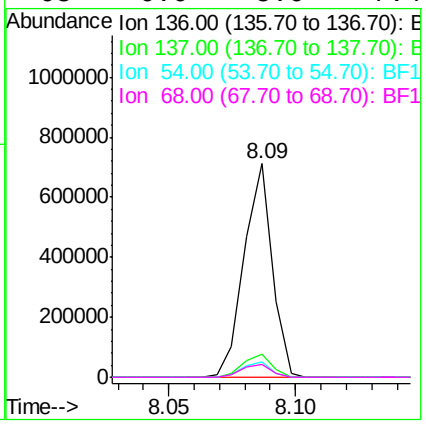


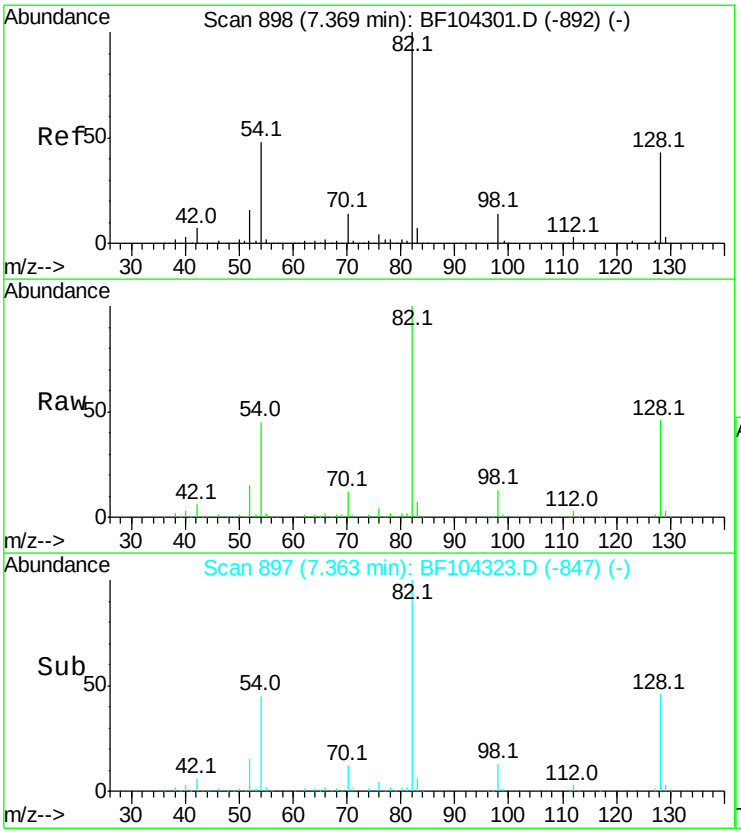
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 550035

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

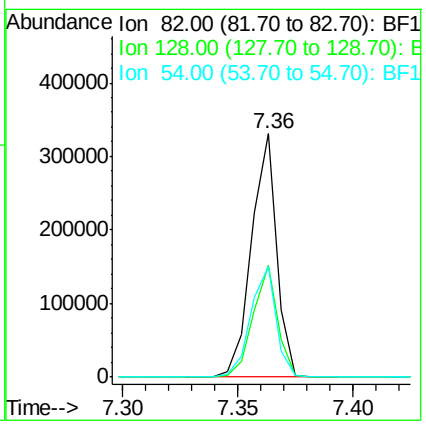


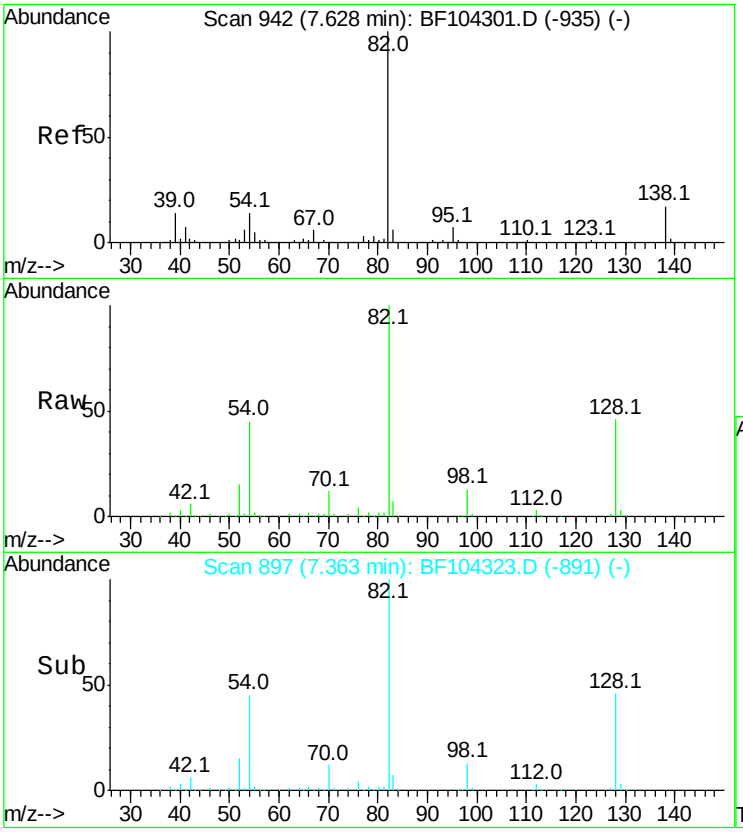


#23
Nitrobenzene-d5
Concen: 29.911 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion: 82 Resp: 251954

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.2	41.4	62.2



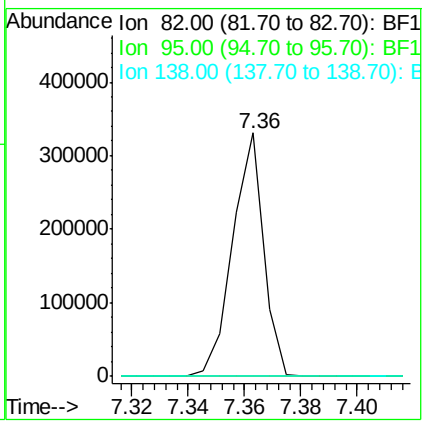


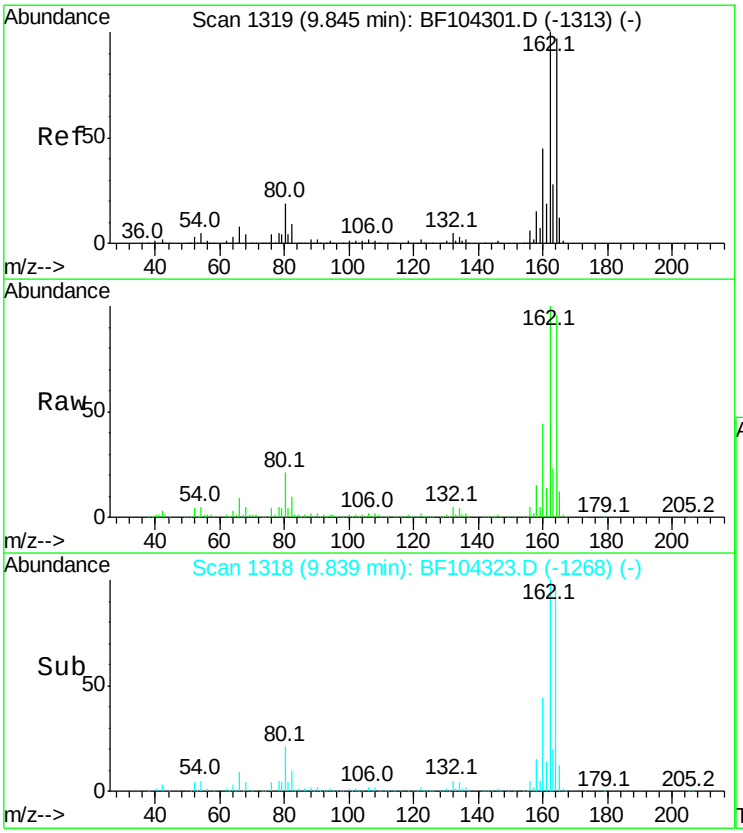
#25
Isophorone
Concen: 14.138 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 251830

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

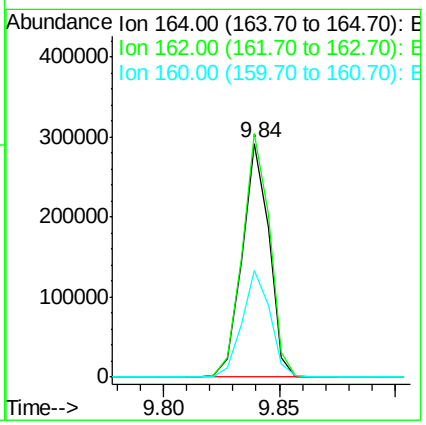


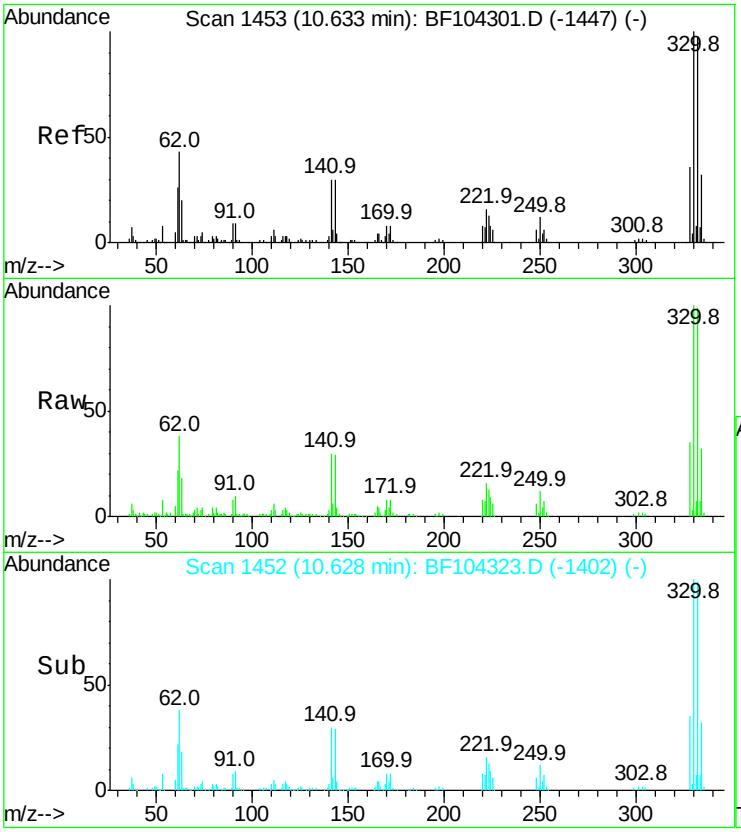


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:164 Resp: 238206

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.8	38.3	57.5



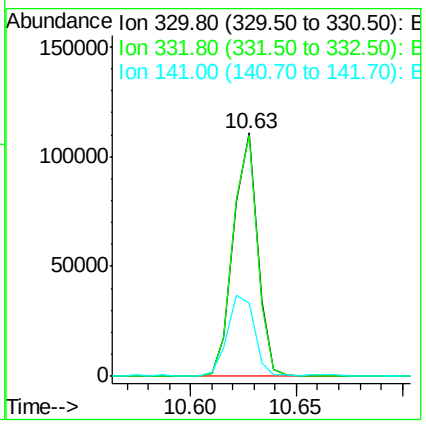


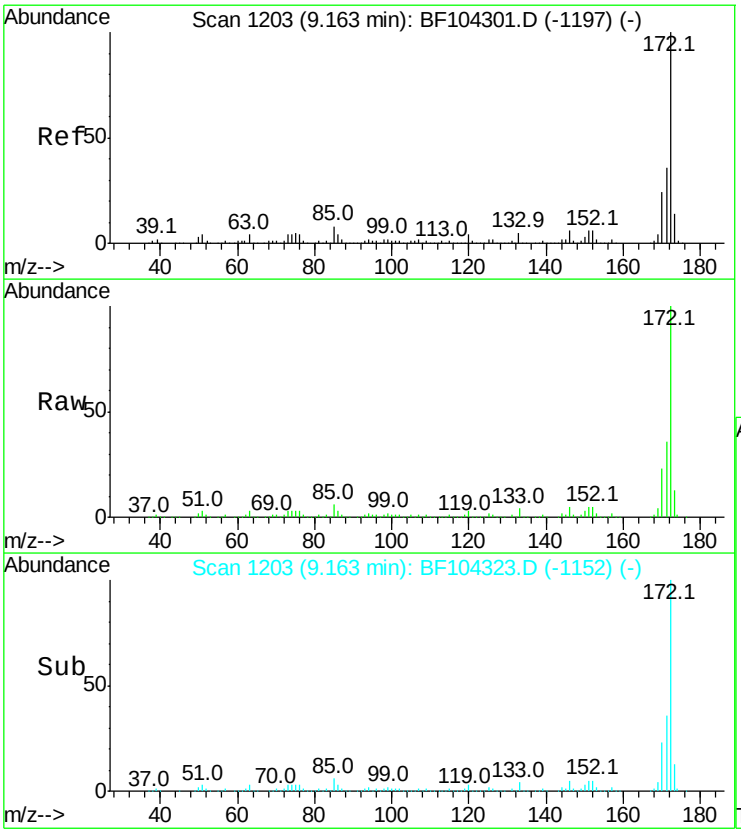
#41
2,4,6-Tribromophenol
Concen: 35.499 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 87718

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	37.5	29.9	44.9

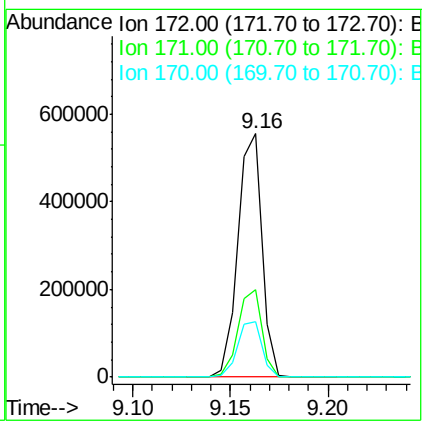


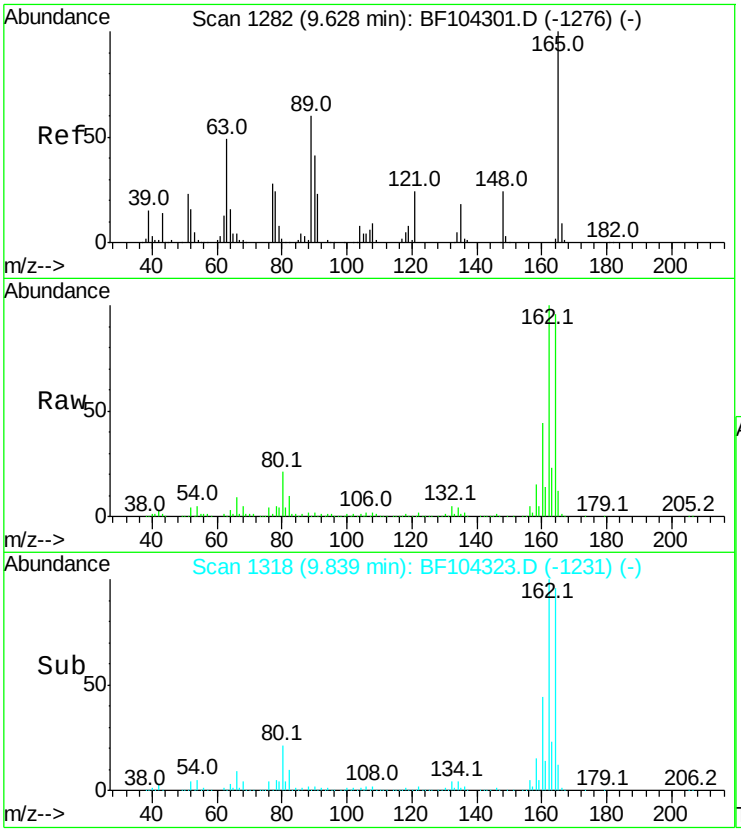


#44
2-Fluorobiphenyl
Concen: 31.604 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:172 Resp: 476543

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	22.9	19.6	29.4



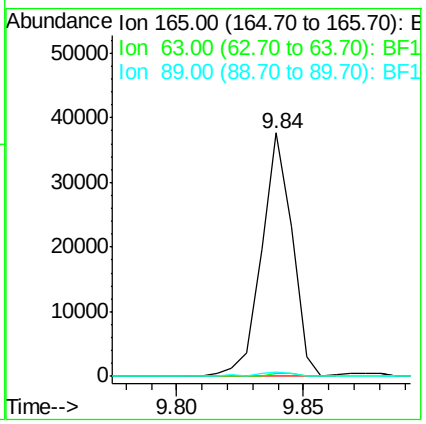


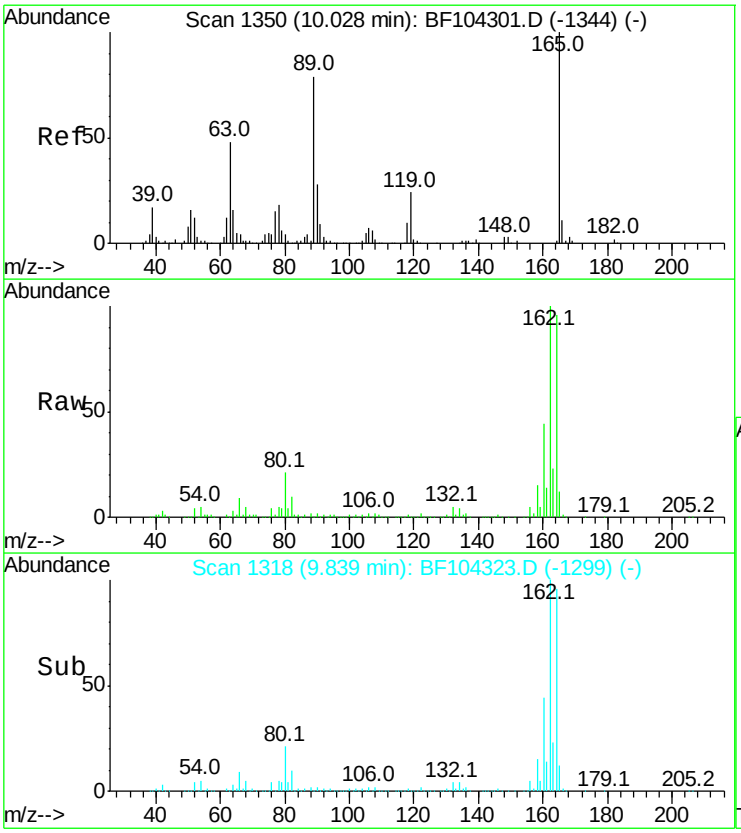
#50
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31460

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.8	44.0	66.0#

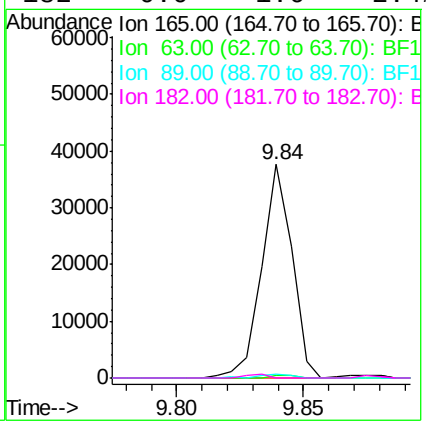


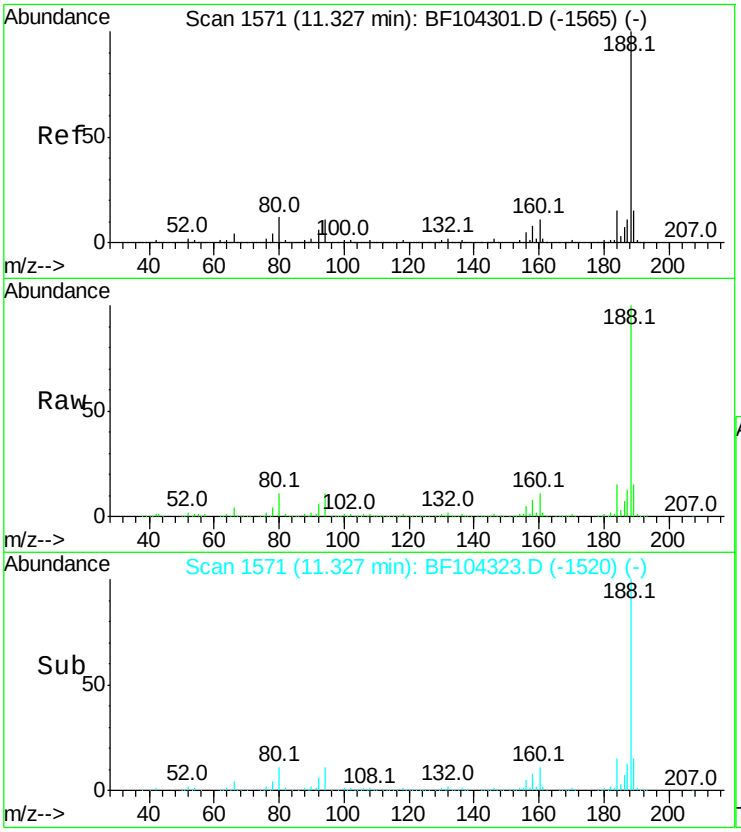


#56
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:165 Resp: 31460

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



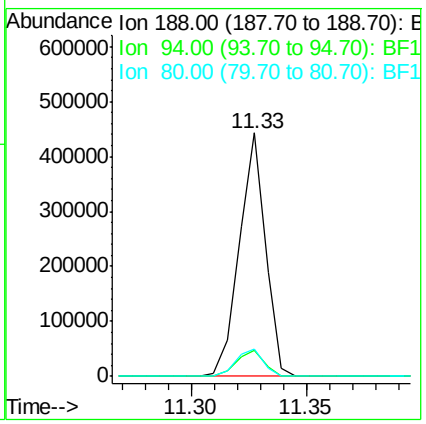


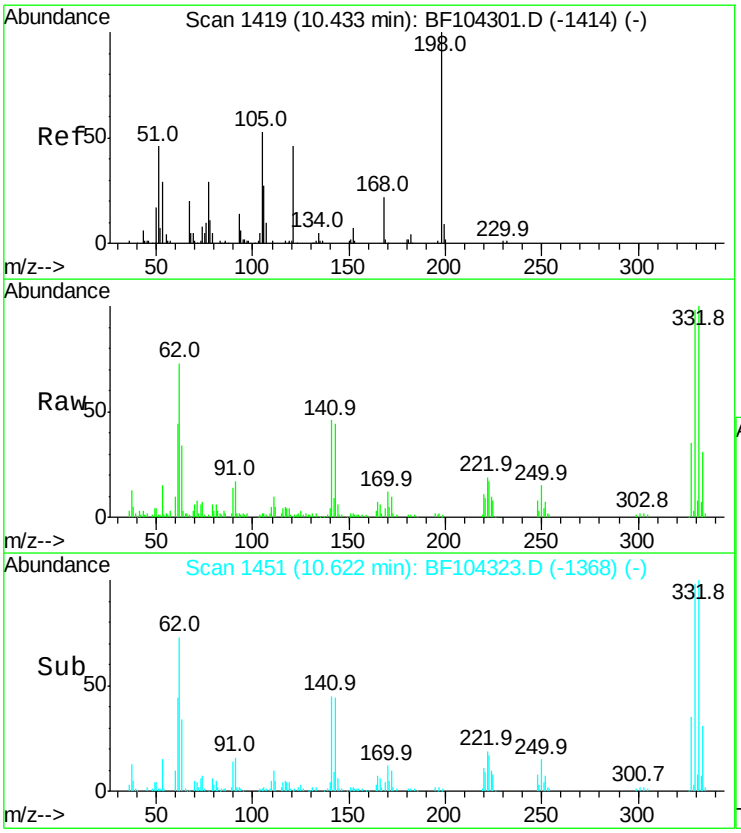
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 350508

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.1	9.2	13.8

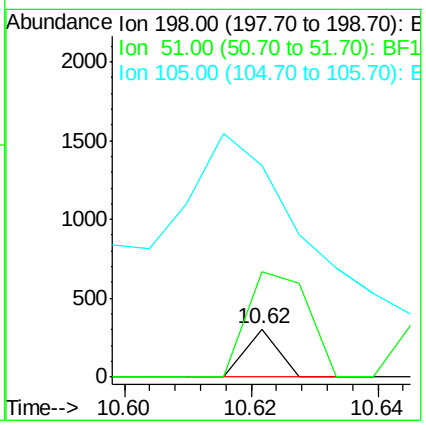


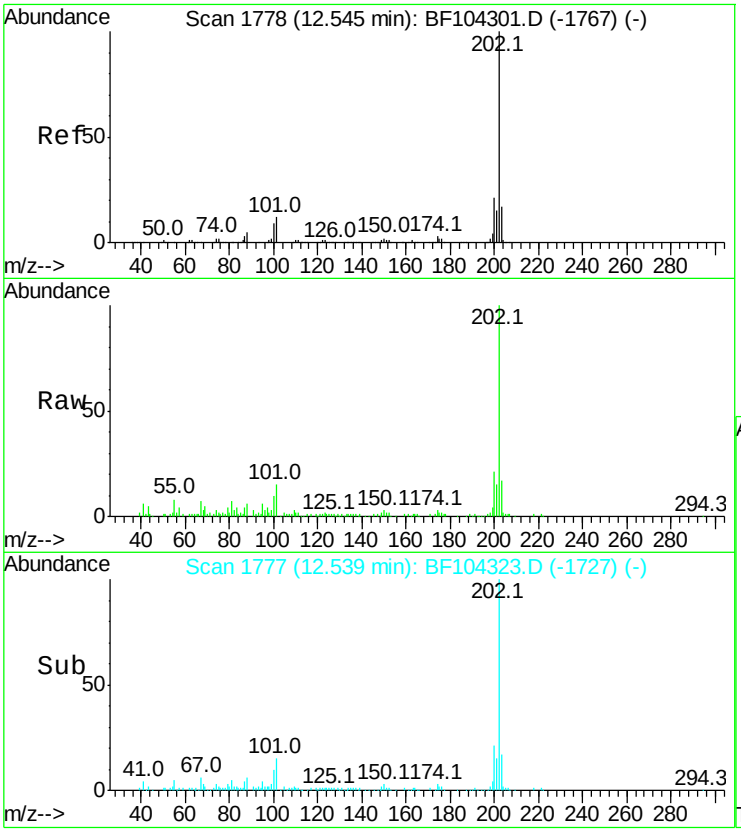


#64
4,6-Dinitro-2-methylphenol
Concen: 7.401 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.19 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	217.3	37.7	77.7#
105	438.9	36.3	76.3#



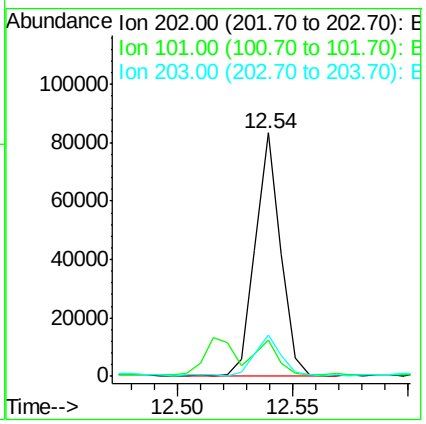


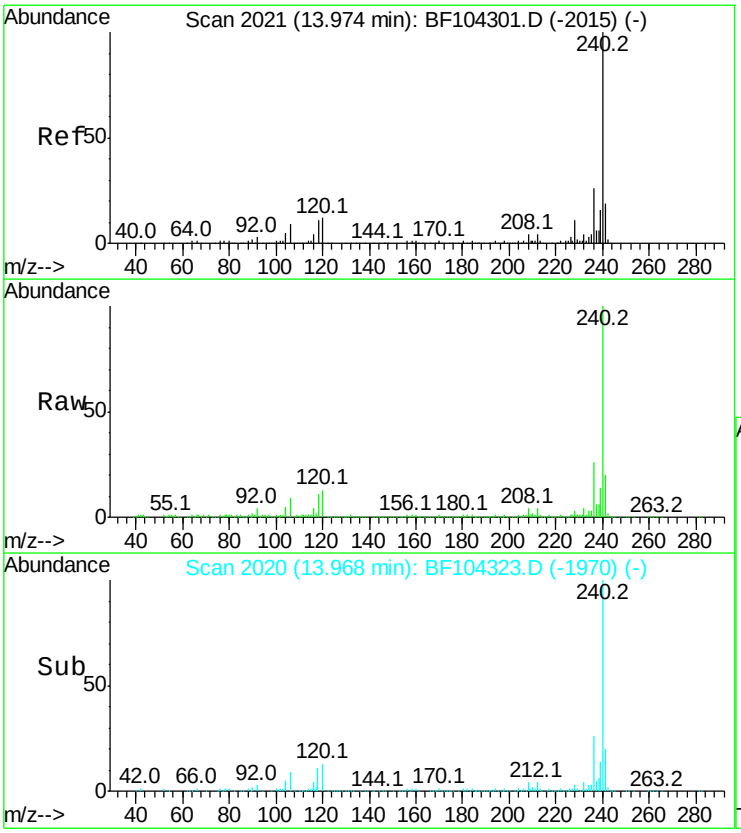
#74
Fluoranthene
Concen: 3.154 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 64318

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	16.7	0.0	38.1

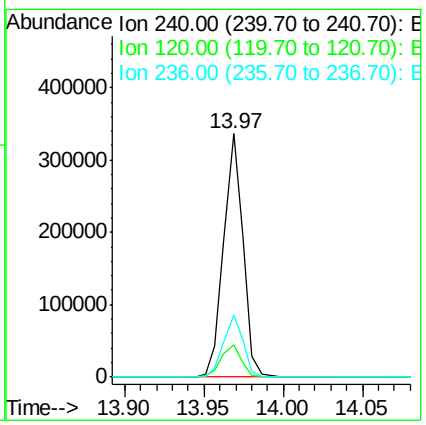


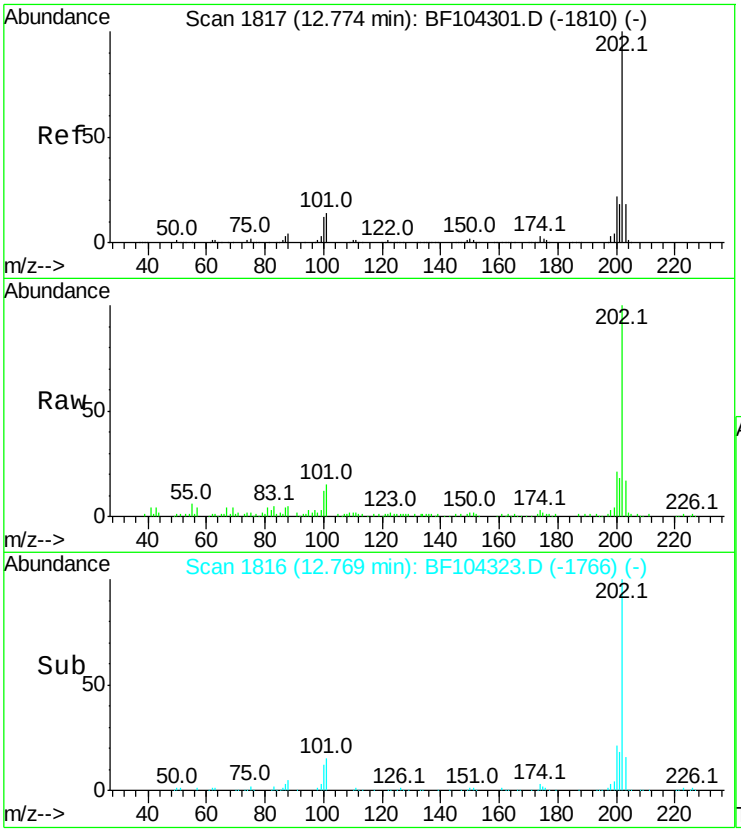


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:240 Resp: 285501

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	20.7	31.1



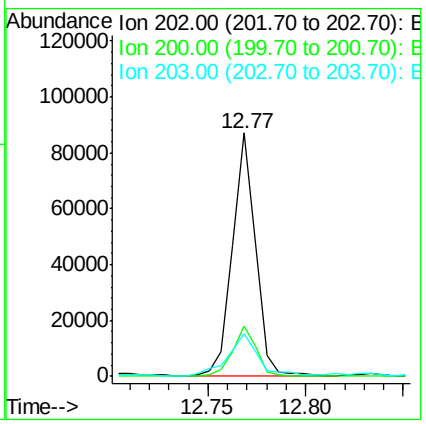


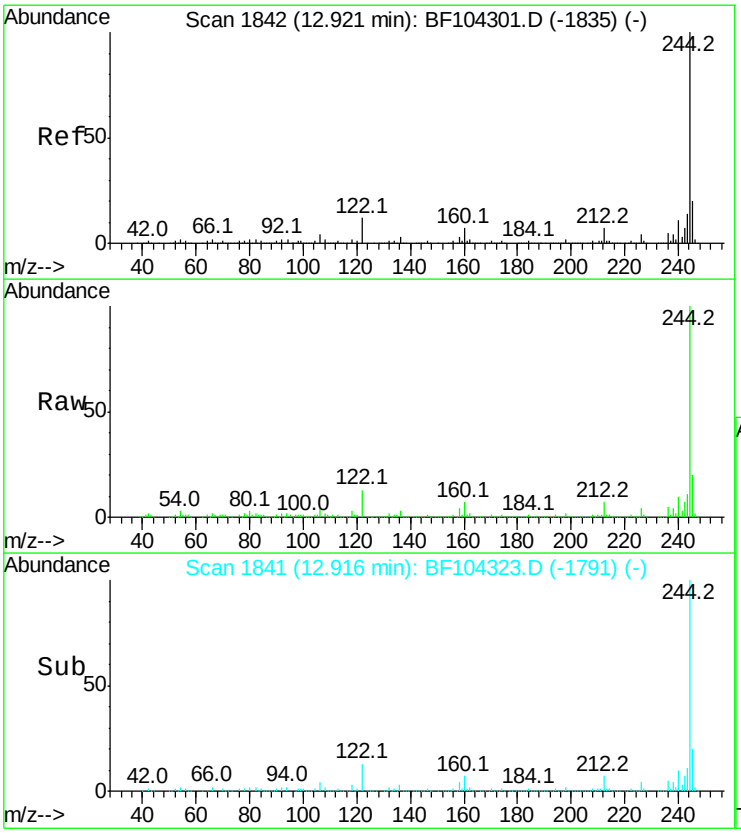
#77
Pyrene
Concen: 3.419 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 72347

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

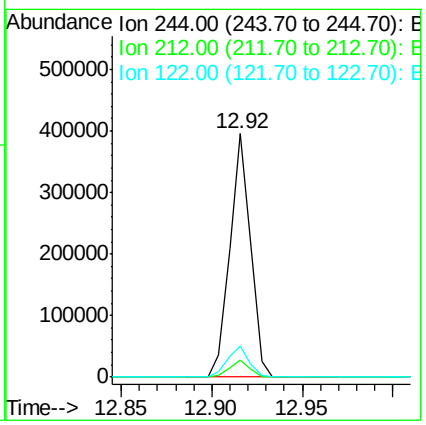


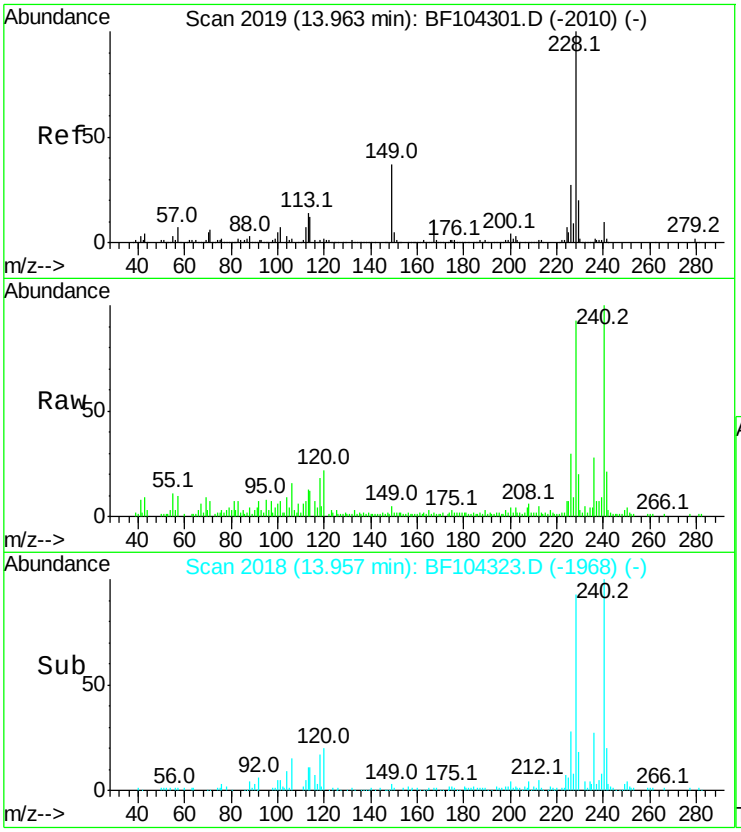


#78
Terphenyl-d14
Concen: 25.136 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:244 Resp: 314780

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	11.0	16.4



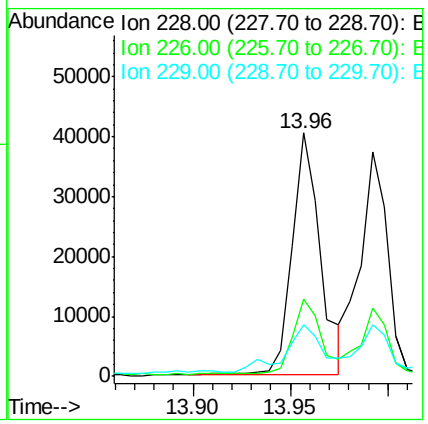


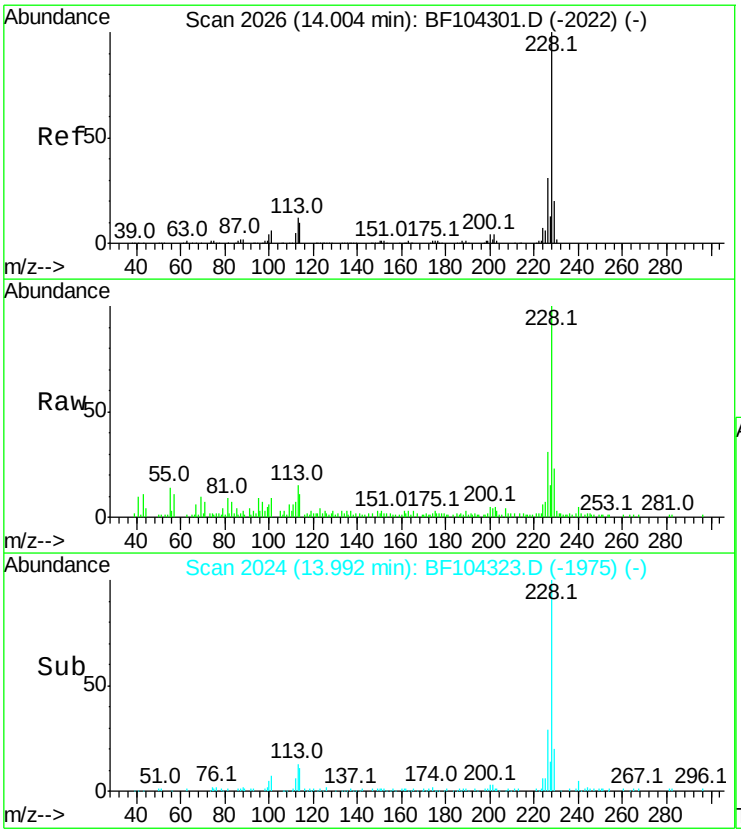
#80
Benzo(a)anthracene
Concen: 2.352 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40123

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	21.0	15.8	23.6

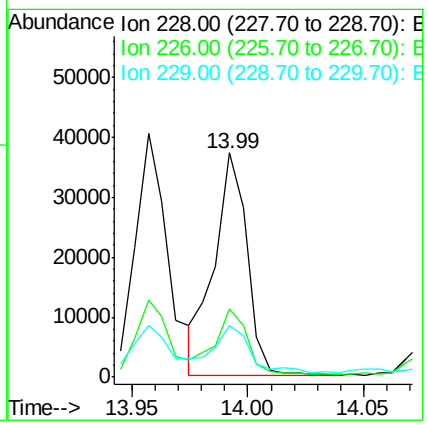


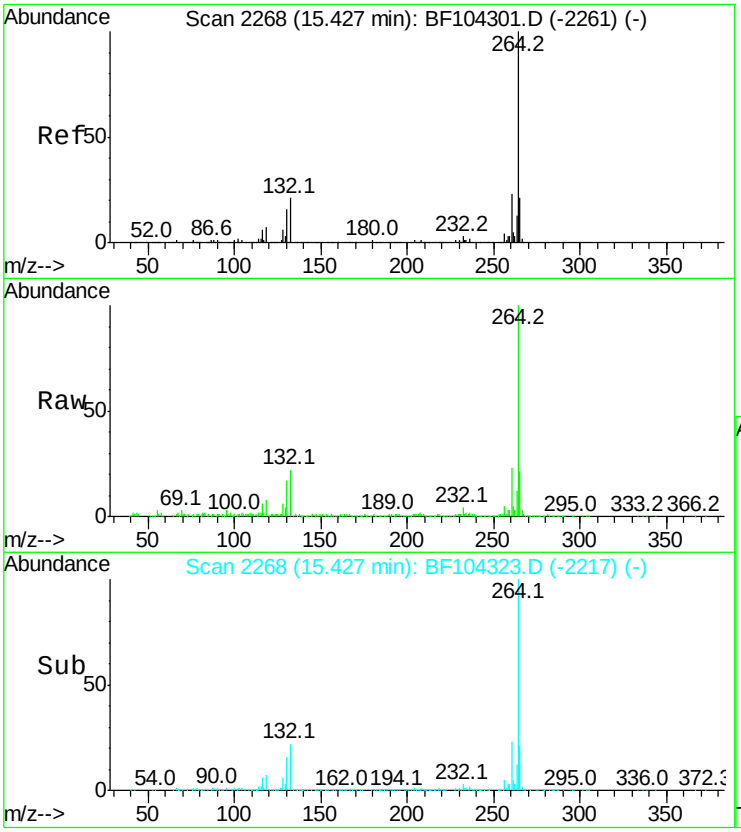


#82
Chrysene
Concen: 2.084 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:228 Resp: 36516

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.9	16.2	24.4



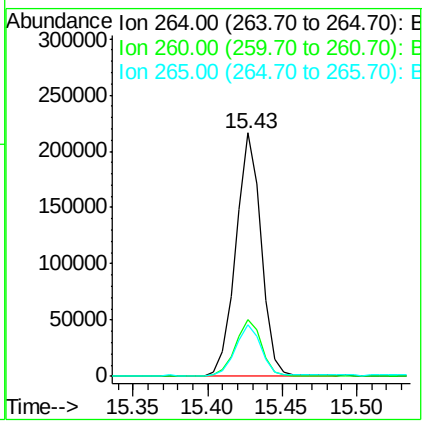


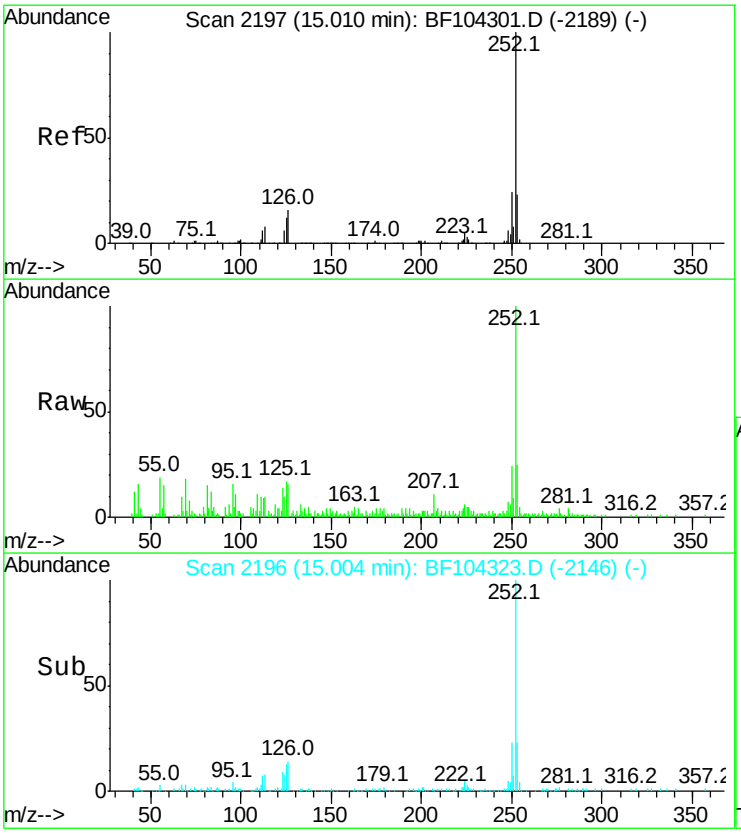
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 254645

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3

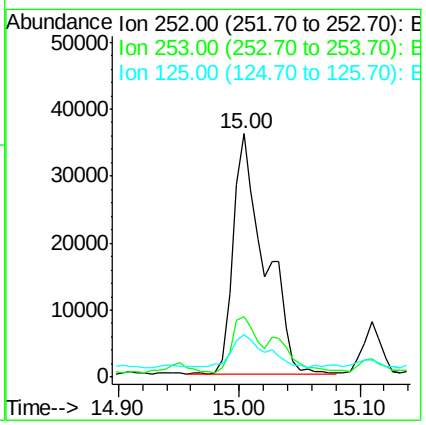


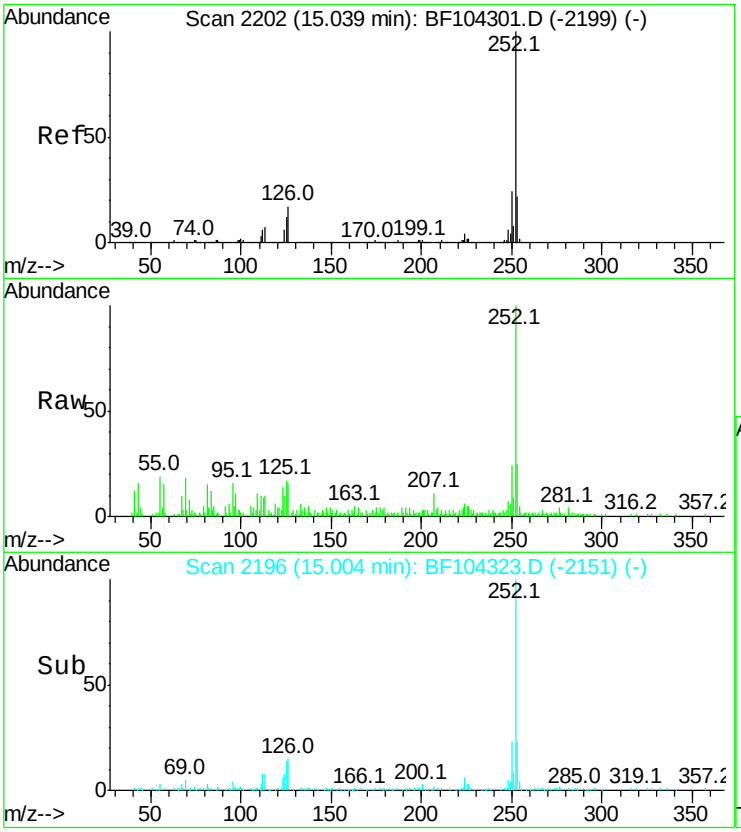


#87
Benzo(b)fluoranthene
Concen: 4.112 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:252 Resp: 66138

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	17.3	9.0	13.6#



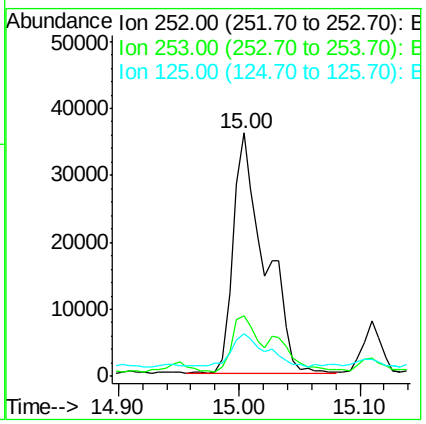


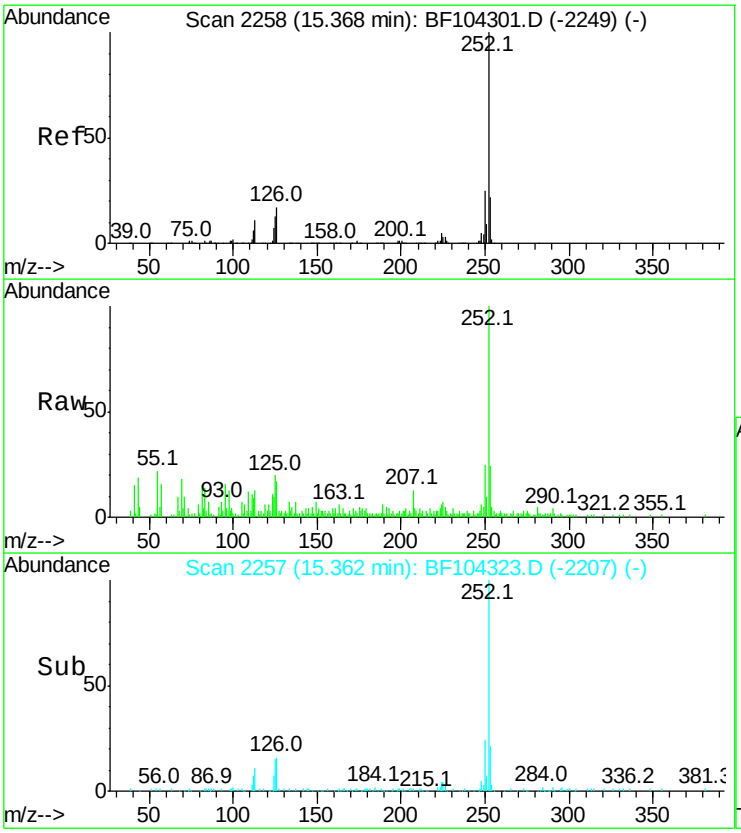
#88
Benzo(k)fluoranthene
Concen: 4.356 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 66138

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	17.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.447 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF104323.D
Acq: 6 Apr 2018 23:16

Tgt Ion:252 Resp: 35216

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	19.9	9.8	14.6#