Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104485.D
Acq On : 13 Apr 2018 18:14
Operator : JU/SJ
Sample : J2357-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 22:54:03 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	132772	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	535630	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	233005	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	360612	20.00	ng		0.00
75) Chrysene-d12	13.98	240	265974	20.00	ng		-0.01
86) Perylene-d12	15.45	264	228000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	361914	41.68	ng		0.00
7) Phenol-d6	6.43	99	496509	46.54	ng		-0.01
23) Nitrobenzene-d5	7.37	82	304918	37.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	67606	27.97	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	518807	35.17	ng		0.00
78) Terphenyl-d14	12.92	244	376455	32.27	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	9008	Below Cal			80
19) n-Nitroso-di-n-propylamine	7.37	70	39341	5.643	ng	#	74
25) Isophorone	7.37	82	304914	17.578	ng	#	64
49) Dimethylphthalate	9.56	163	84250	4.585	ng		99
50) 2,6-Dinitrotoluene	9.85	165	30594	8.998	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	30594	6.860	ng	#	23
74) Fluoranthene	12.55	202	75395	3.593	ng		96
76) Benzidine	12.69	184	387	Below Cal		#	66
77) Pyrene	12.78	202	68712	3.485	ng		99
80) Benzo(a)anthracene	13.97	228	40179	2.529	ng		94
82) Chrysene	14.01	228	42270	2.590	ng		96
87) Benzo(b)fluoranthene	15.02	252	69973	4.859	ng	#	94
88) Benzo(k)fluoranthene	15.02	252	69973	5.147	ng		97
89) Benzo(a)pyrene	15.39	252	33078	2.567	ng	#	93

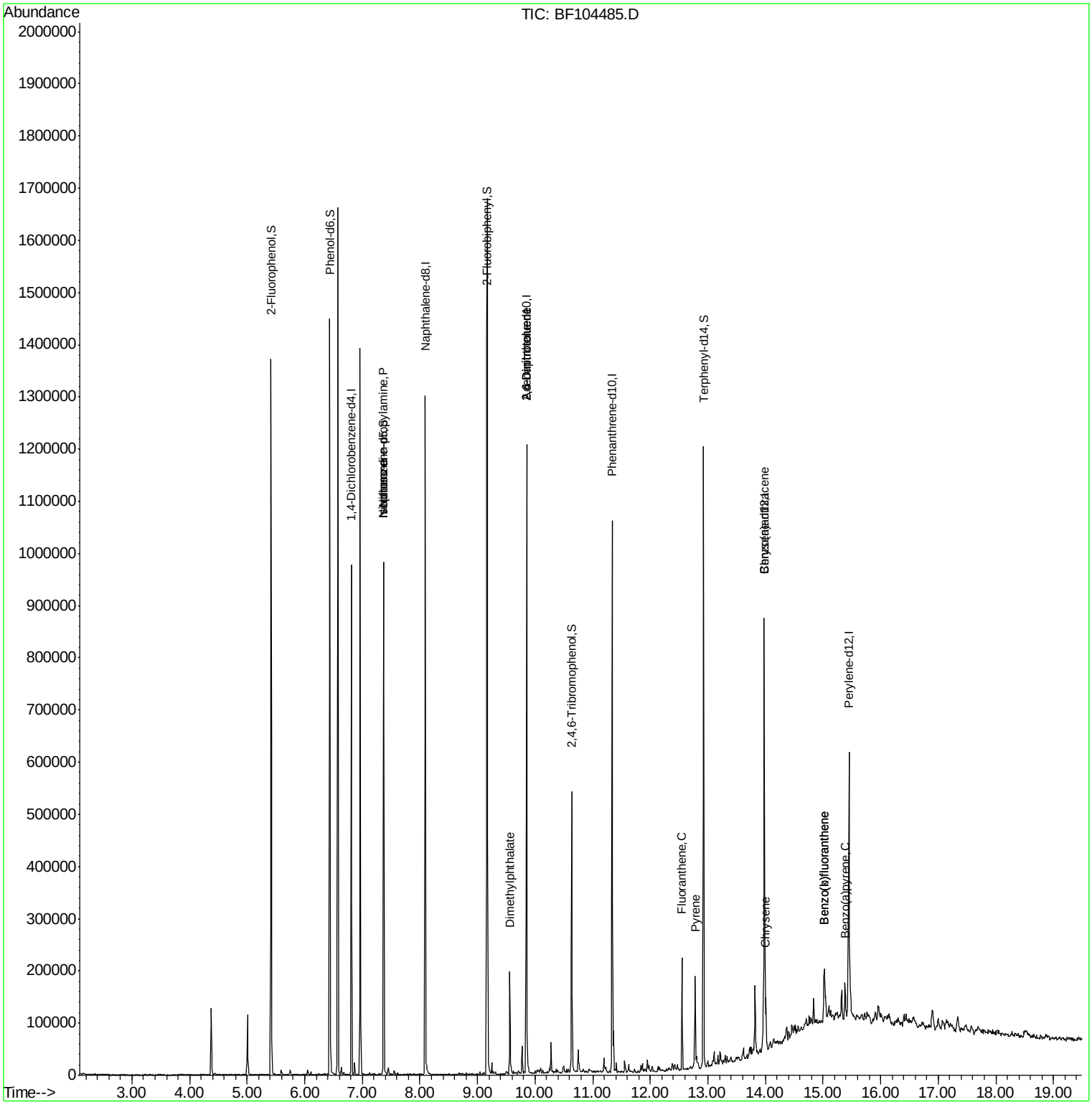
(#) = qualifier out of range (m) = manual integration (+) = signals summed

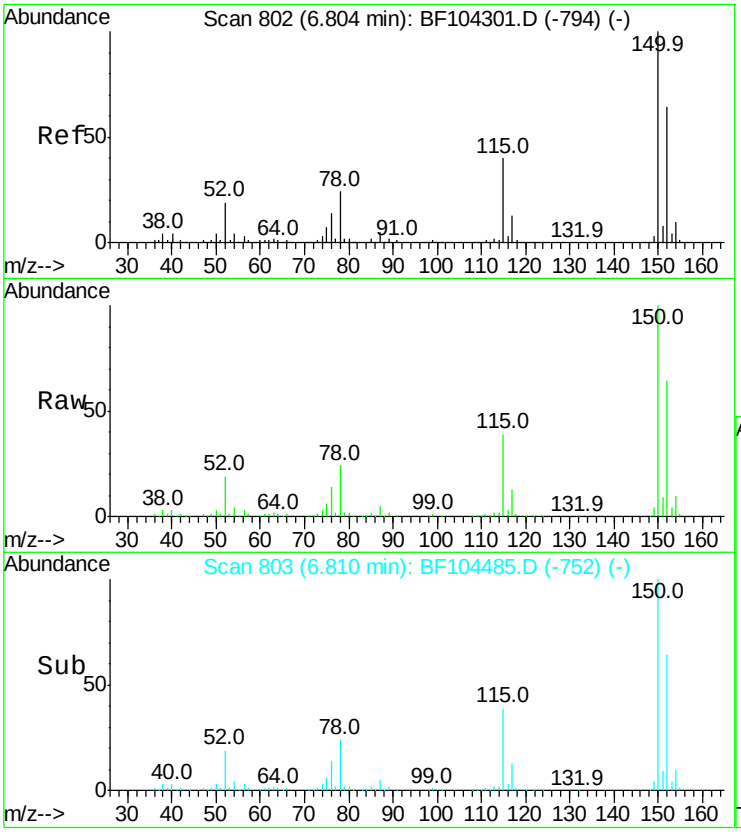
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104485.D
Acq On : 13 Apr 2018 18:14
Operator : JU/SJ
Sample : J2357-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 22:54:03 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



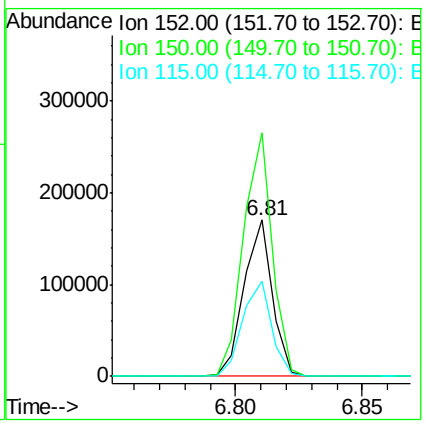


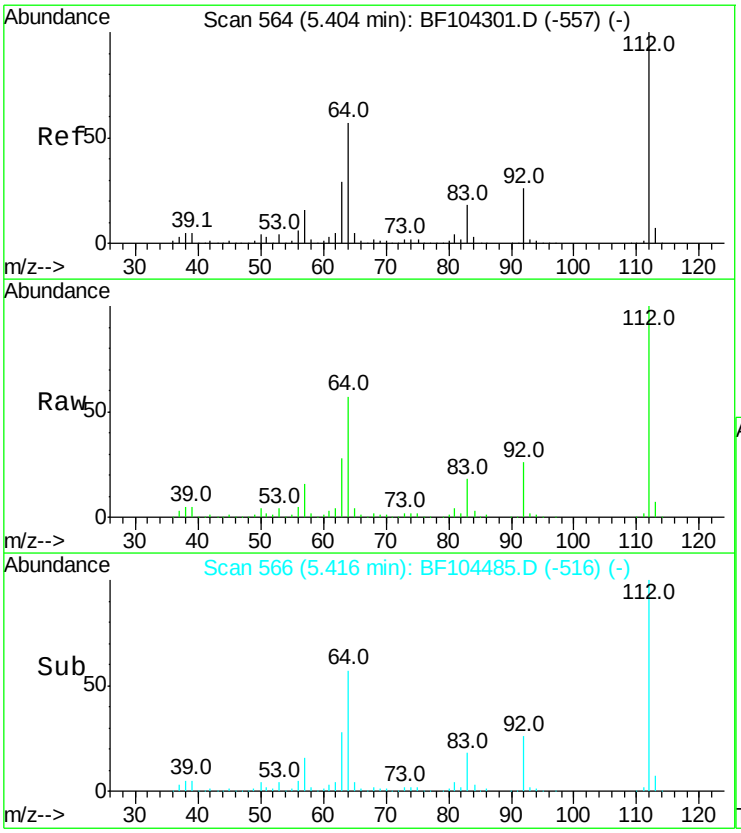
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132772

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.2	50.1	75.1

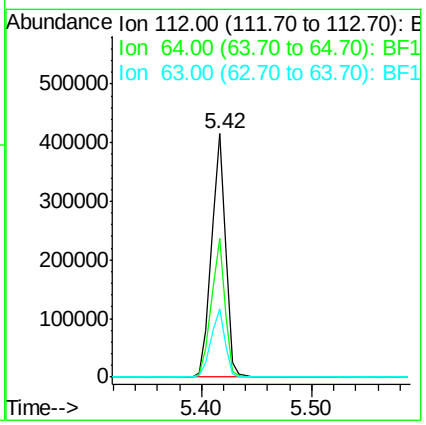


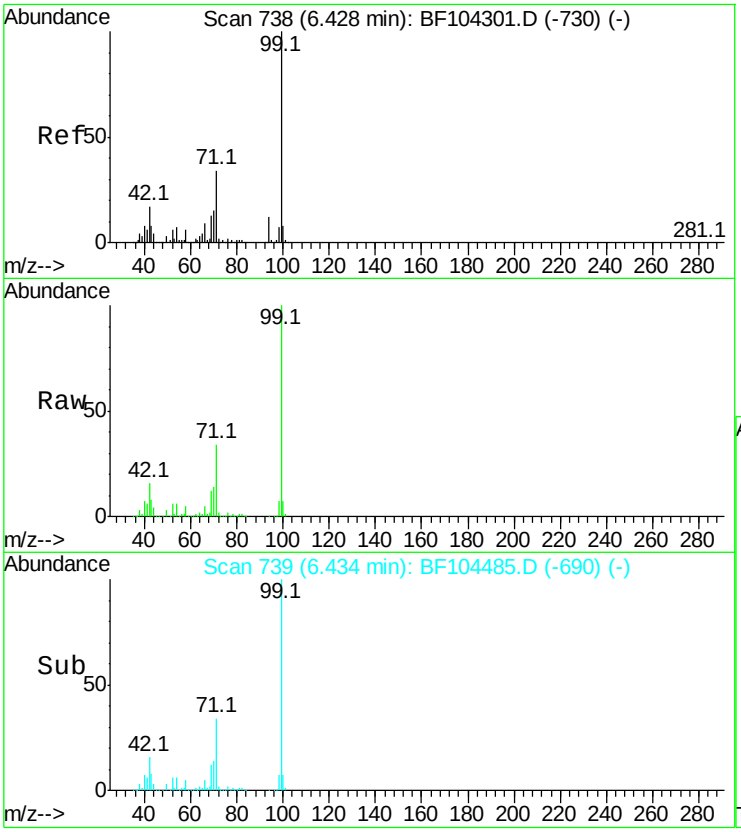


#5
2-Fluorophenol
Concen: 41.679 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:112 Resp: 361914

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.2	23.7	35.5



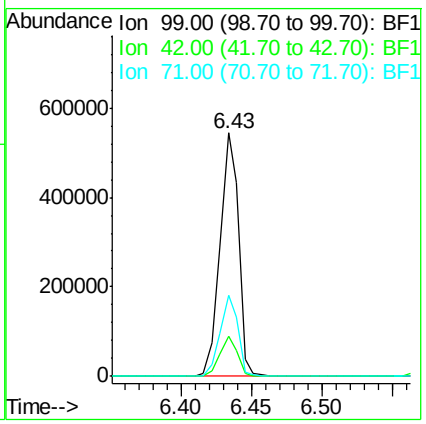


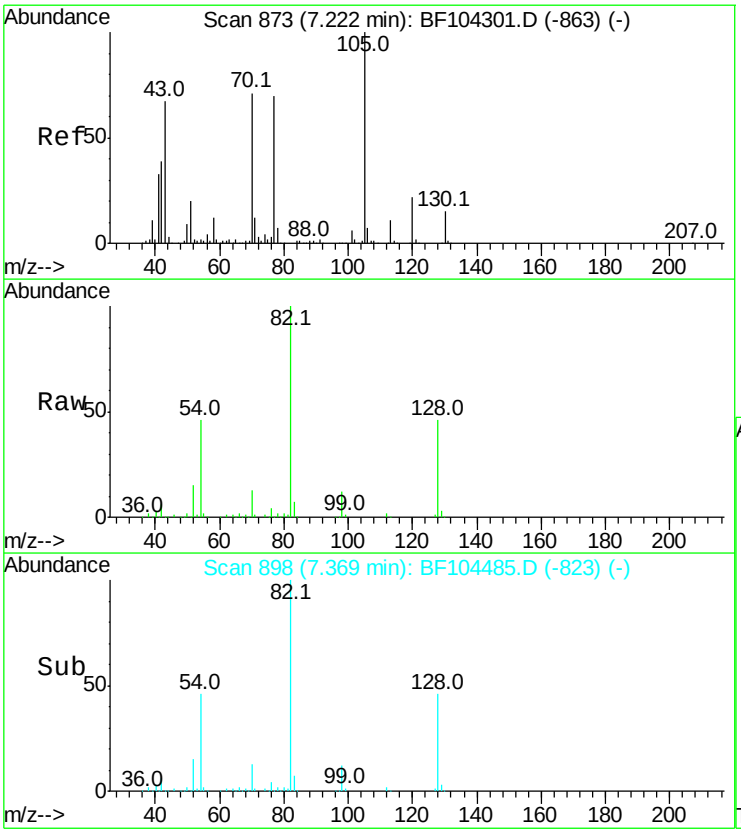
#7
Phenol-d6
Concen: 46.538 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 496509

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.5	25.4	38.0

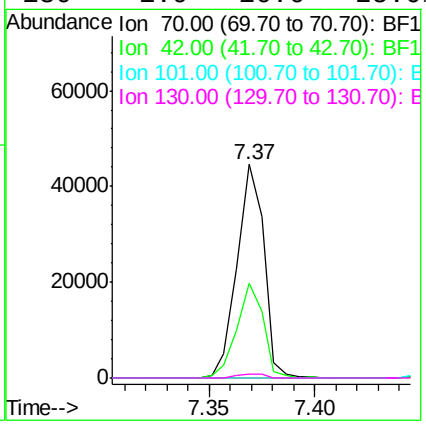


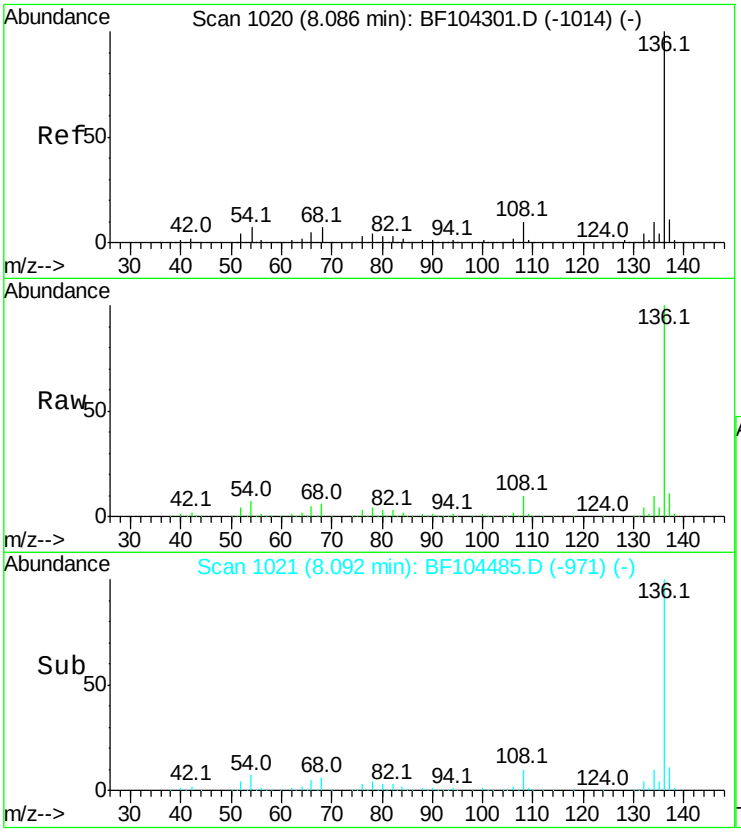


#19
n-Nitroso-di-n-propylamine
Concen: 5.643 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion: 70 Resp: 39341

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



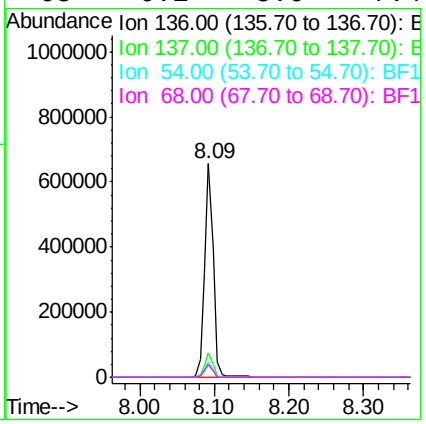


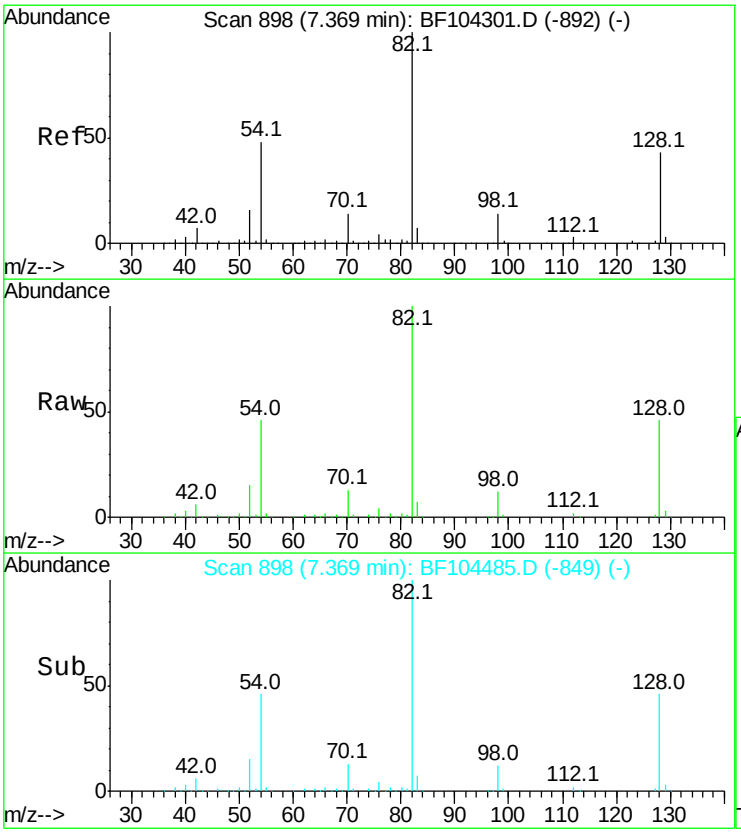
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 535630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

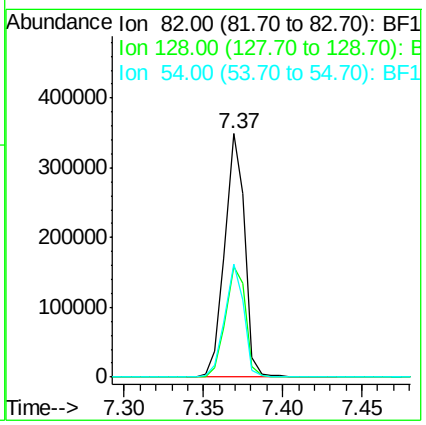


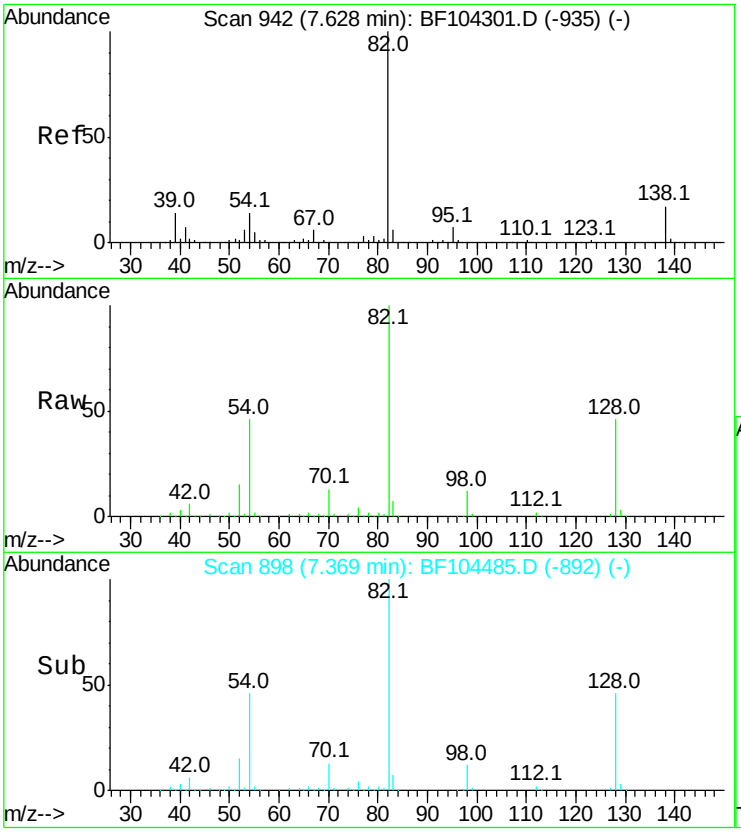


#23
Nitrobenzene-d5
Concen: 37.172 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion: 82 Resp: 304918

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.4	41.4	62.2



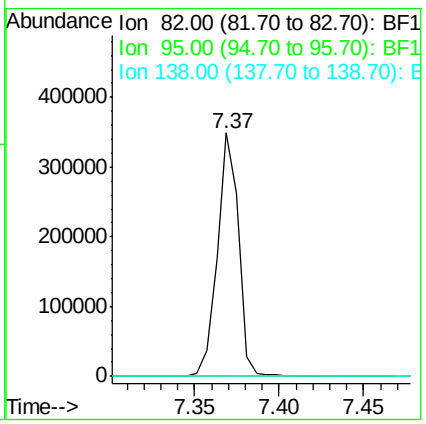


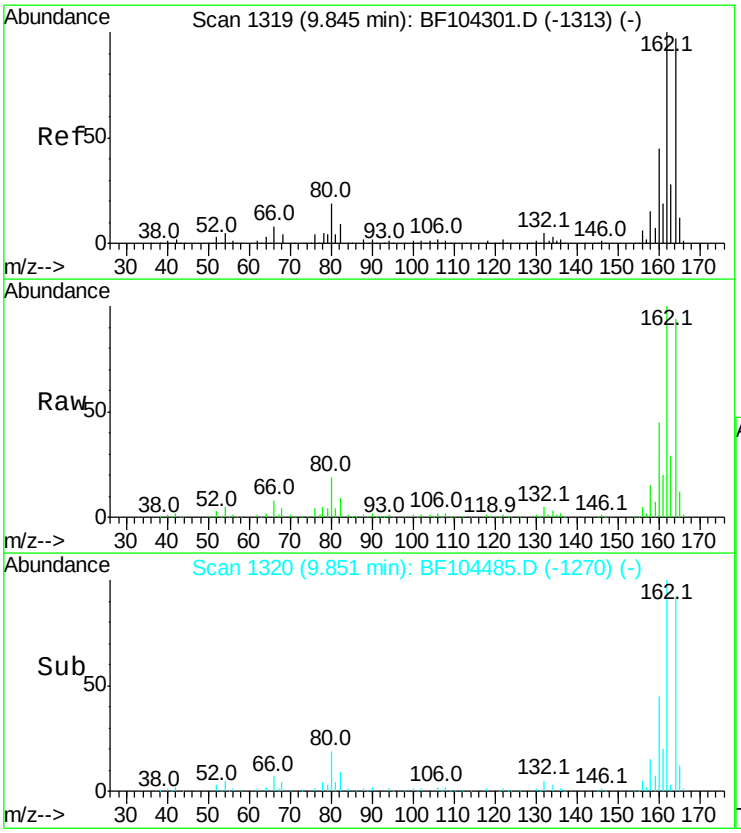
#25
Isophorone
Concen: 17.578 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 304914

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

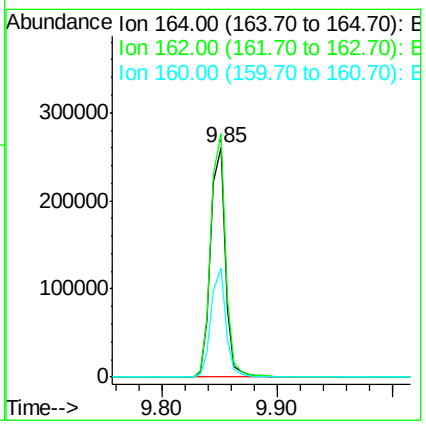


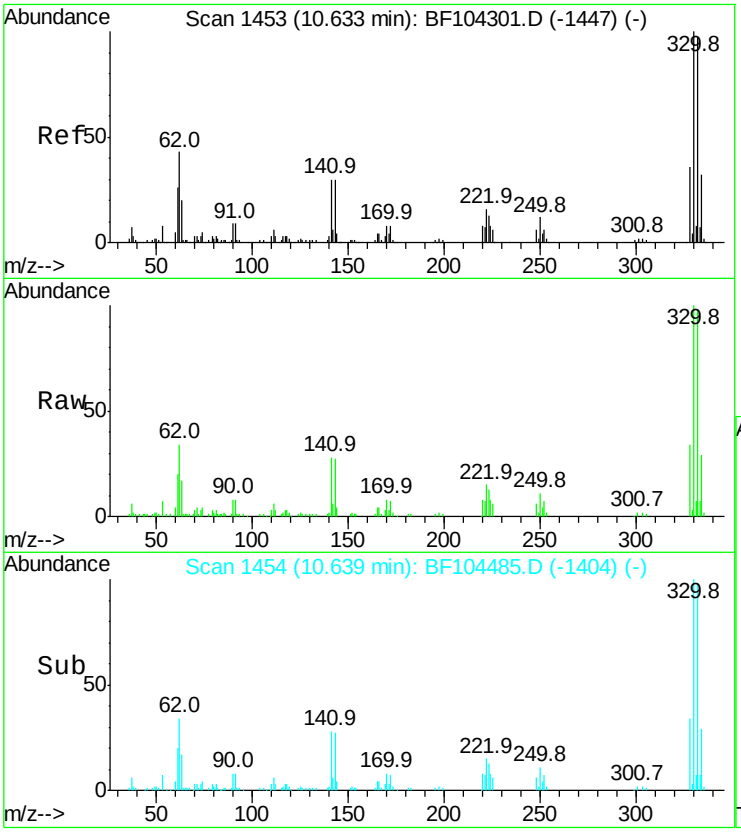


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:164 Resp: 233005

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.7	38.3	57.5



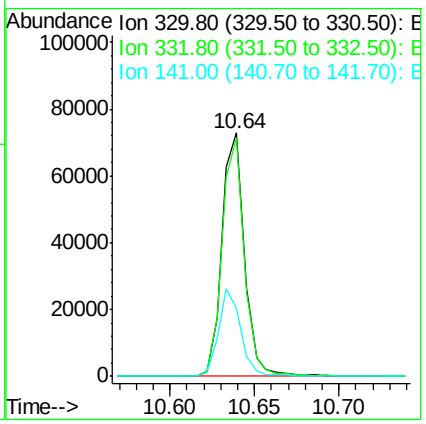


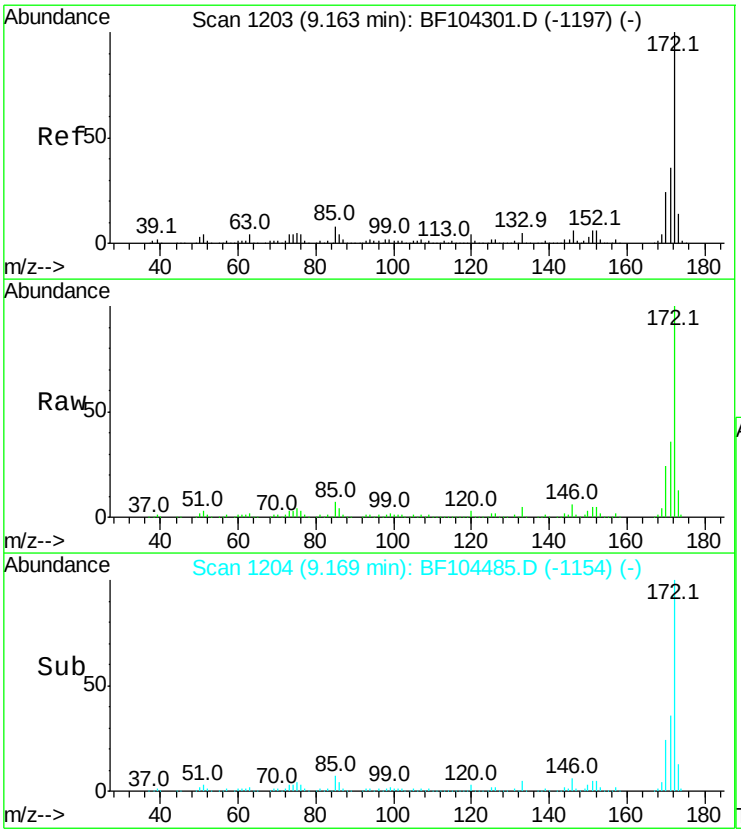
#41
2,4,6-Tribromophenol
Concen: 27.971 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 67606

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.4	29.9	44.9

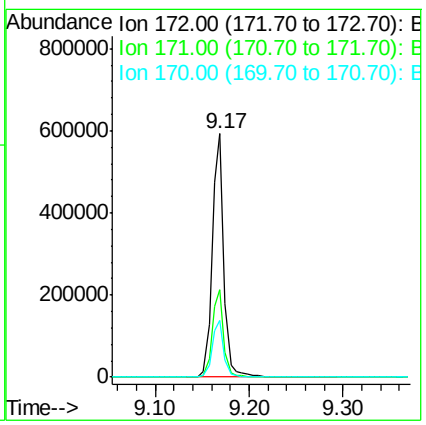


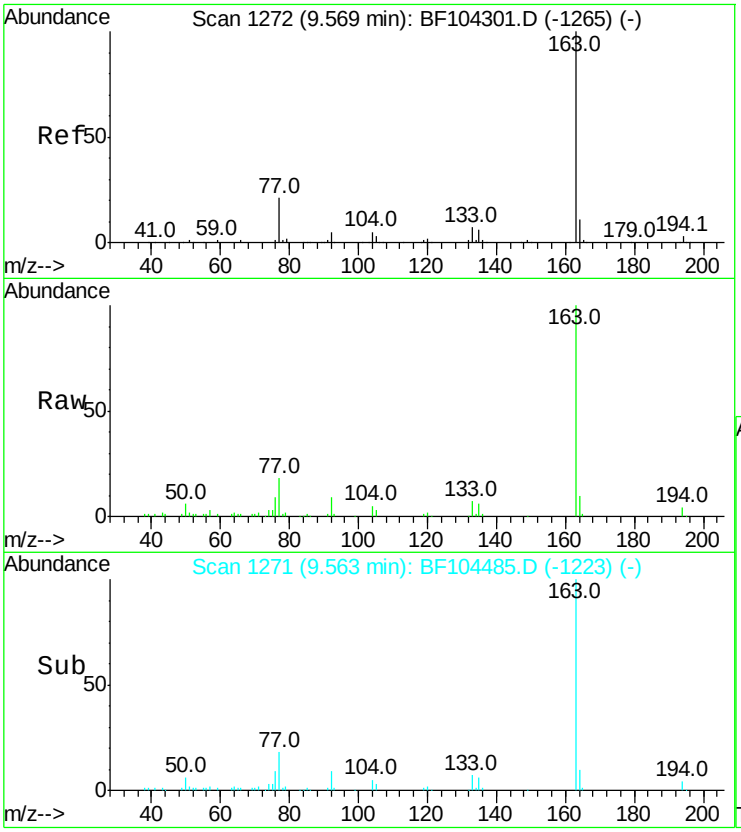


#44
2-Fluorobiphenyl
Concen: 35.175 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:172 Resp: 518807

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4



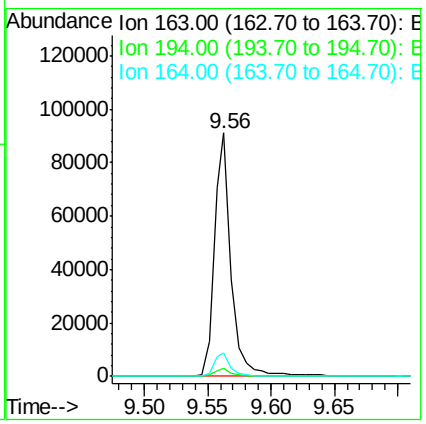


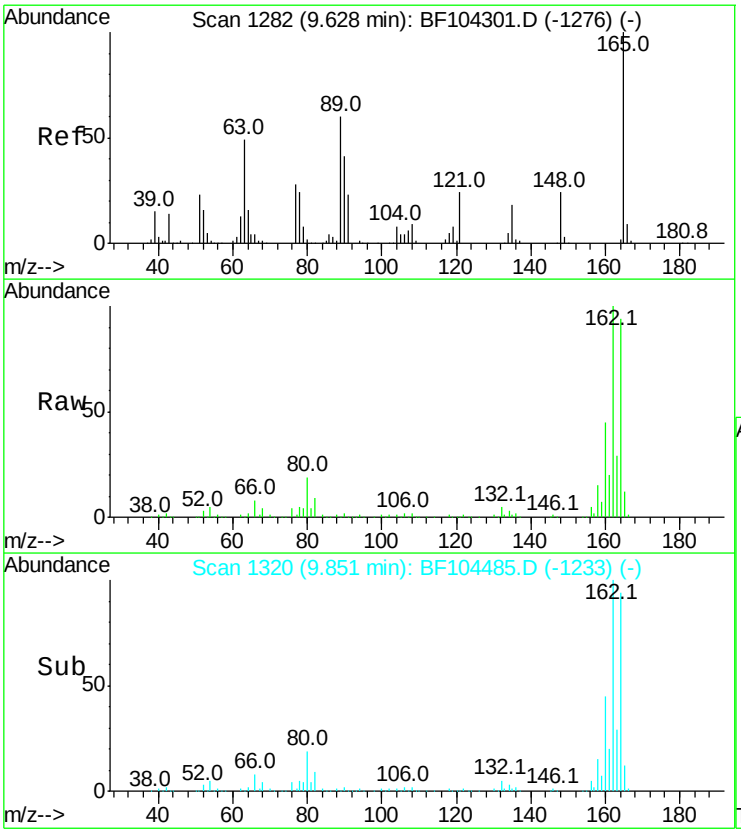
#49
Dimethylphthalate
Concen: 4.585 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 84250

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

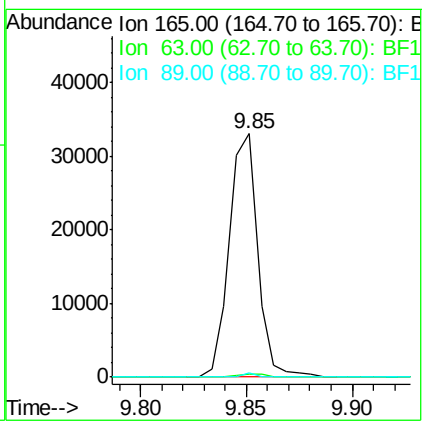


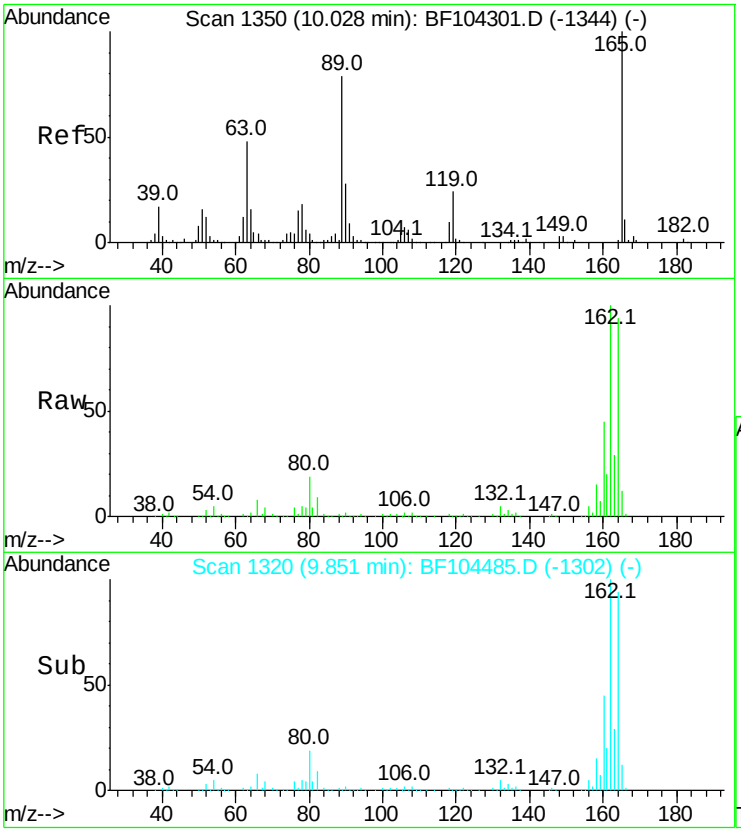


#50
2,6-Dinitrotoluene
Concen: 8.998 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:165 Resp: 30594

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



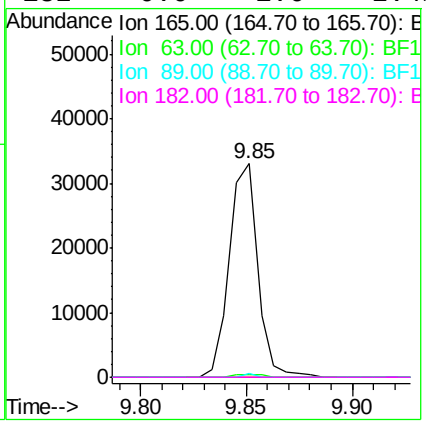


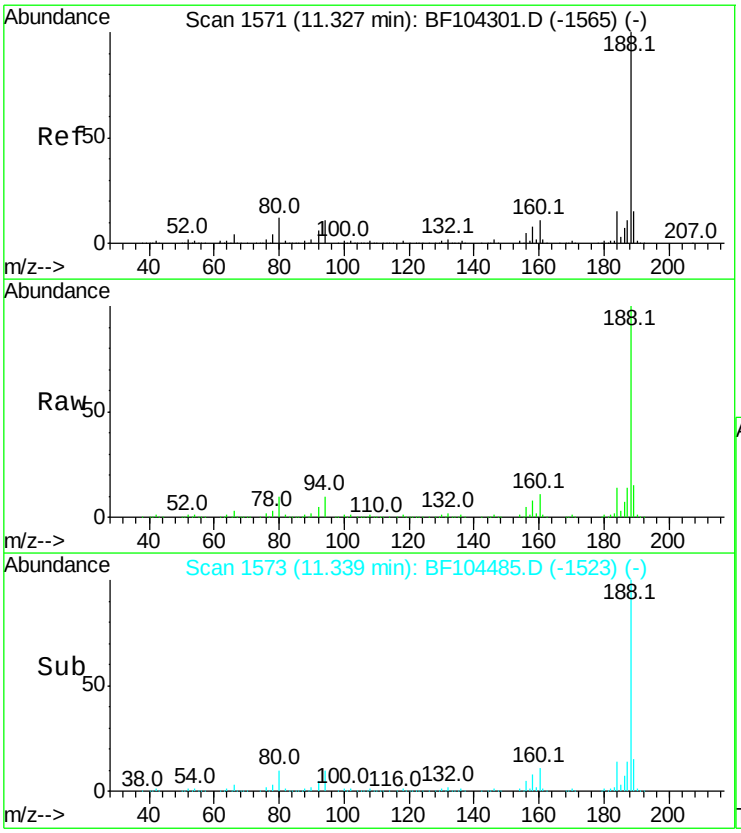
#56
2,4-Dinitrotoluene
Concen: 6.860 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30594

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

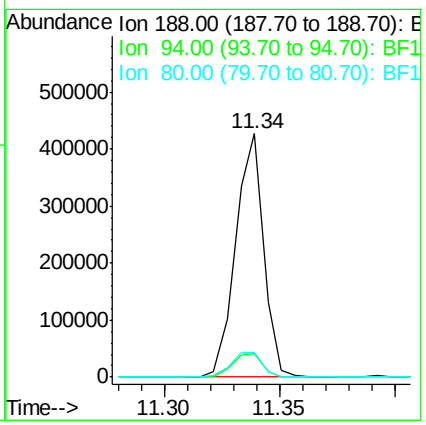


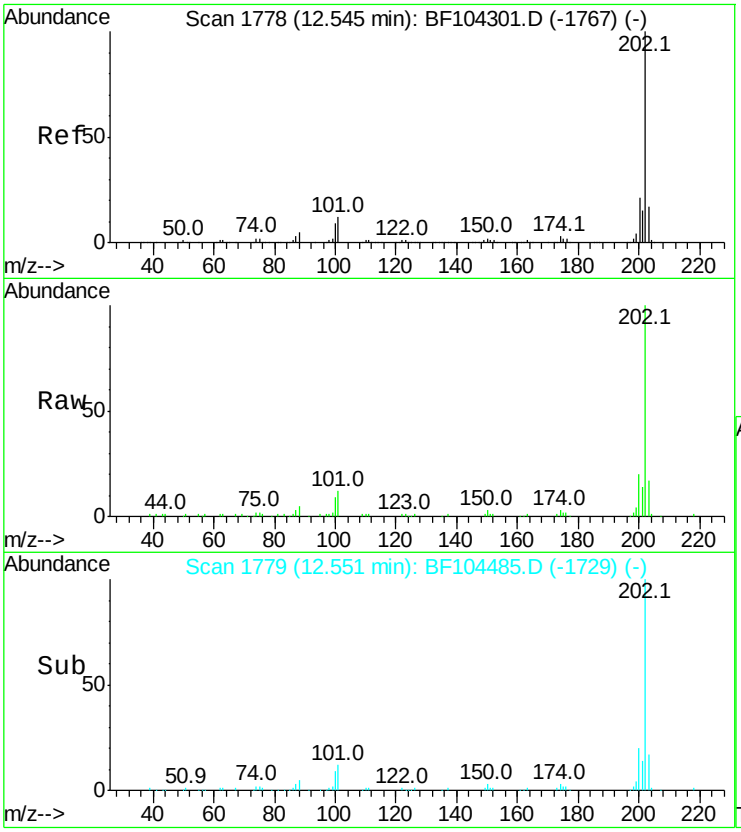


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:188 Resp: 360612

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



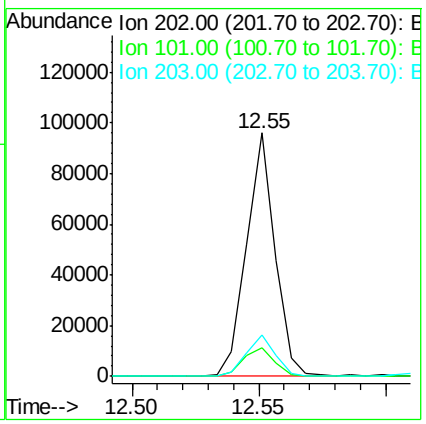


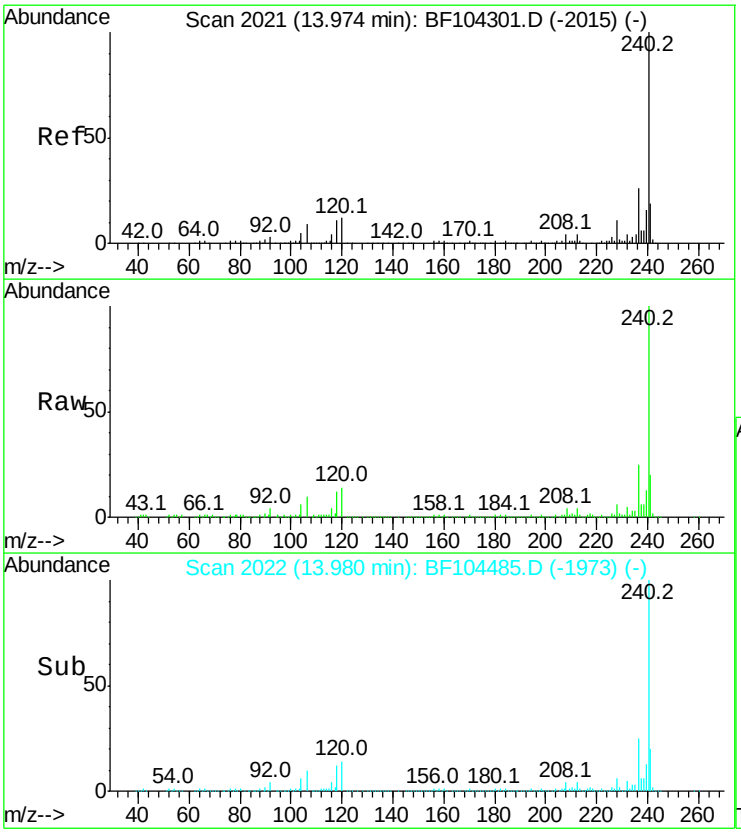
#74
Fluoranthene
Concen: 3.593 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75395

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.2	0.0	38.1

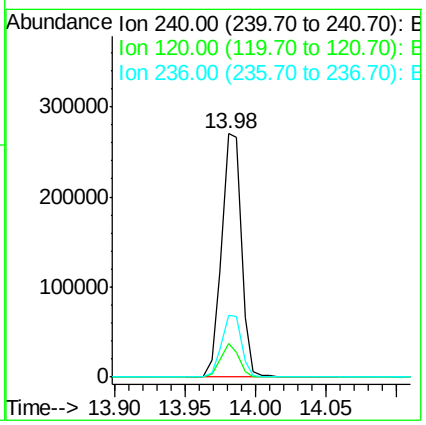


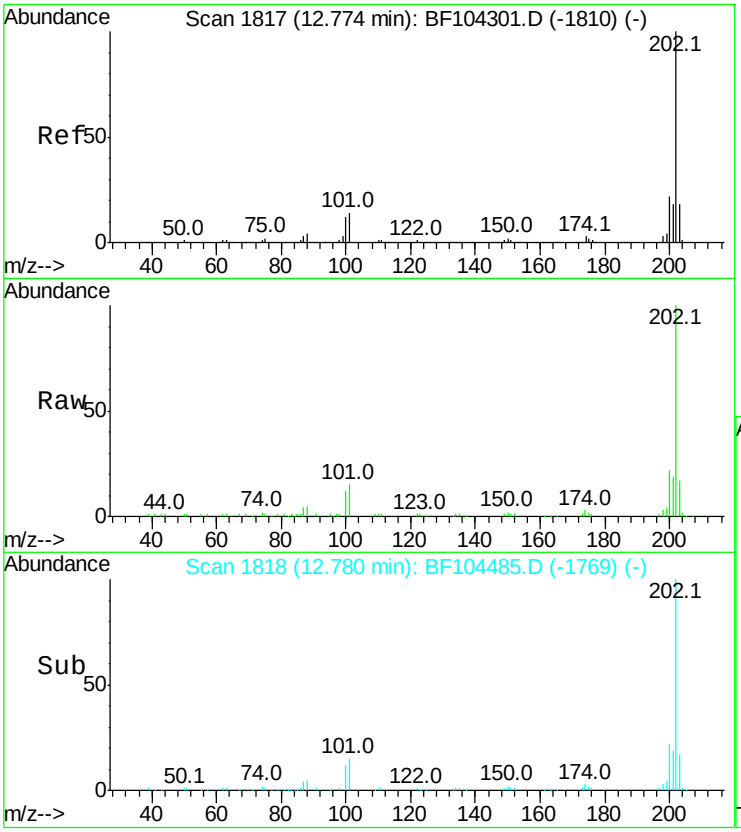


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:240 Resp: 265974

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.3	20.7	31.1



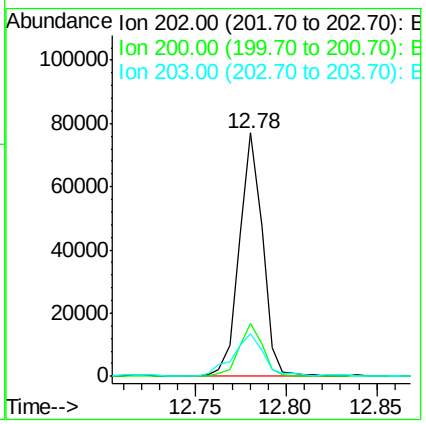


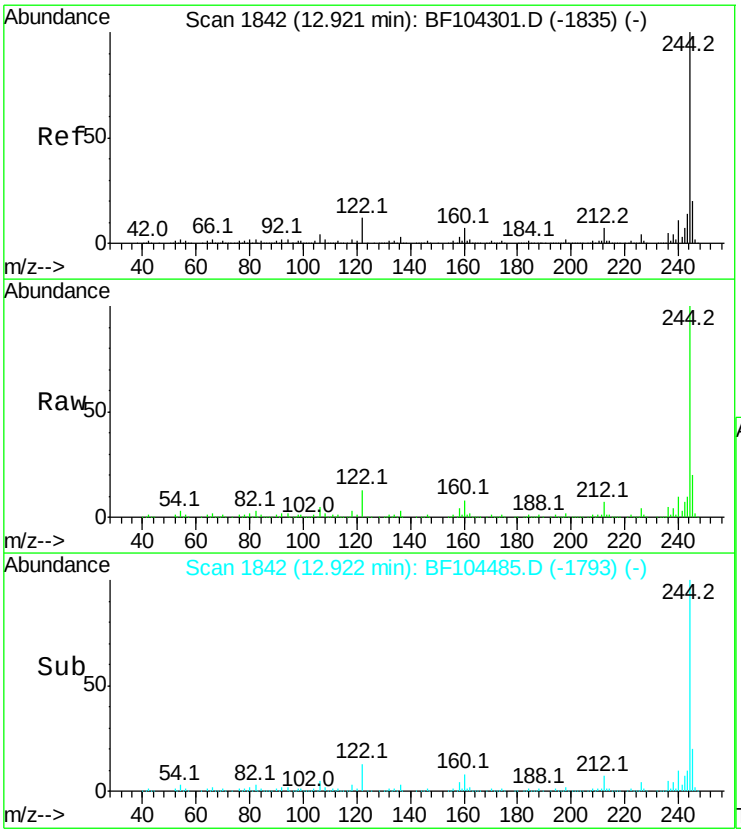
#77
Pyrene
Concen: 3.485 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 68712

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5

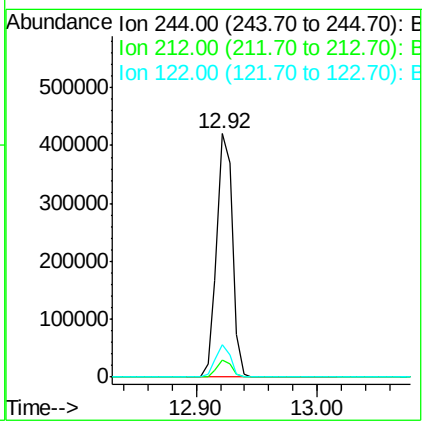


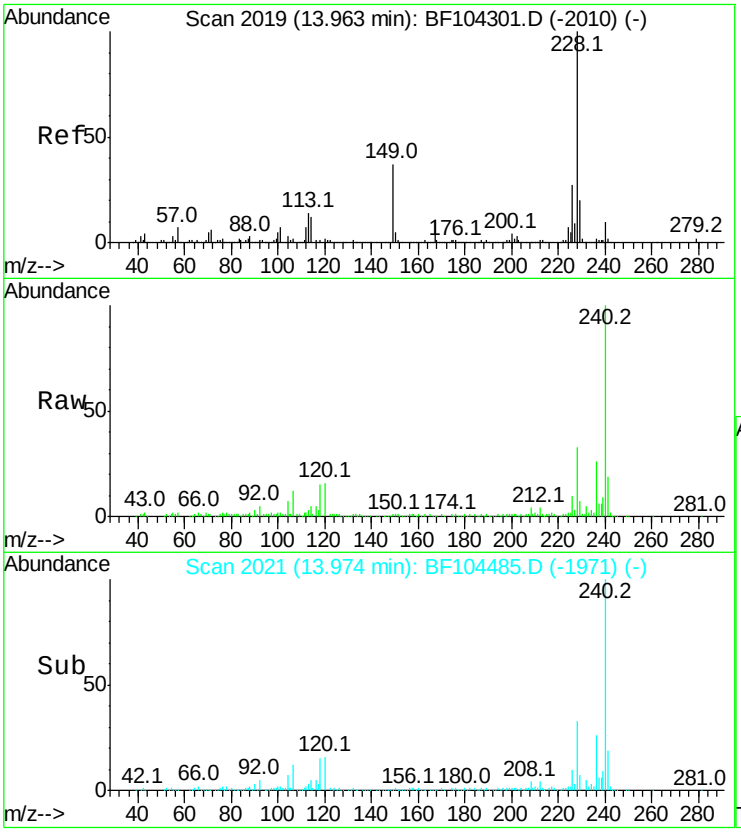


#78
Terphenyl-d14
Concen: 32.268 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:244 Resp: 376455

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4



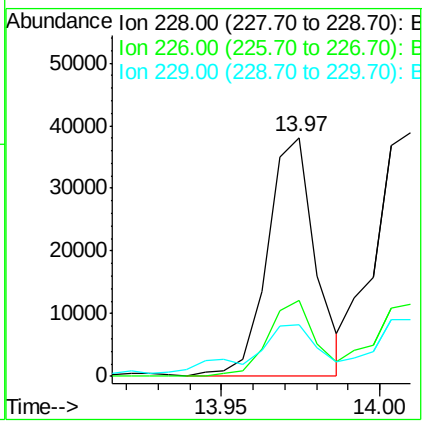


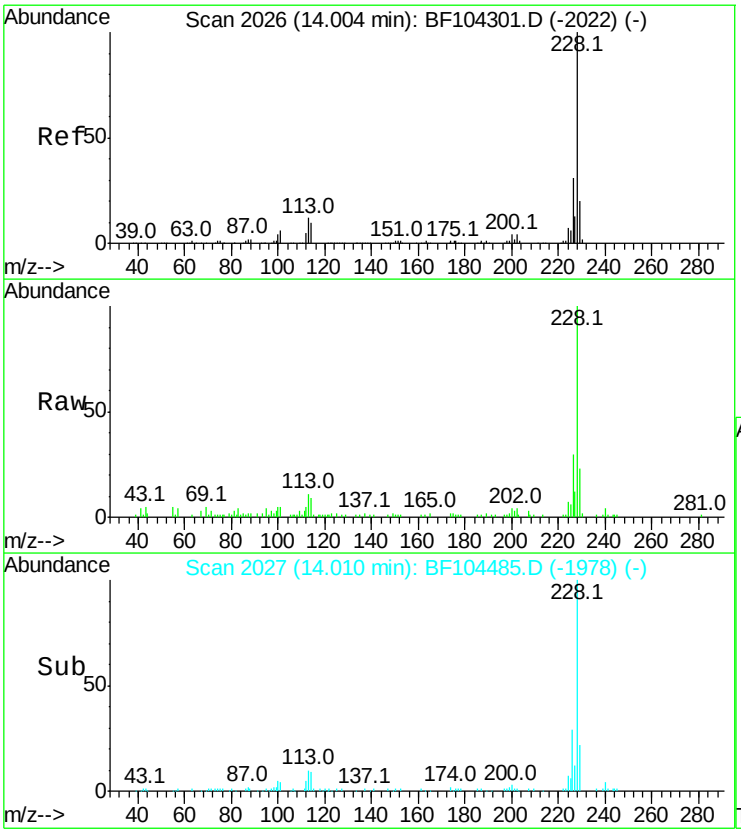
#80
Benzo(a)anthracene
Concen: 2.529 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40179

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	21.6	15.8	23.6

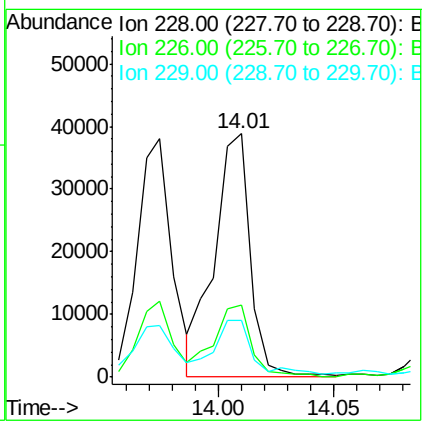


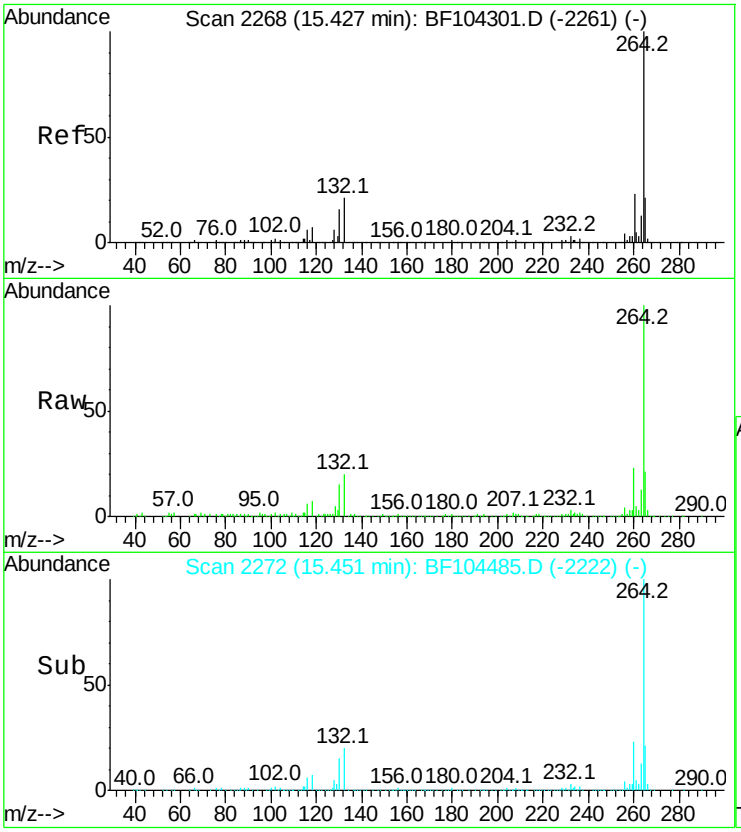


#82
Chrysene
Concen: 2.590 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:228 Resp: 42270

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	23.5	16.2	24.4



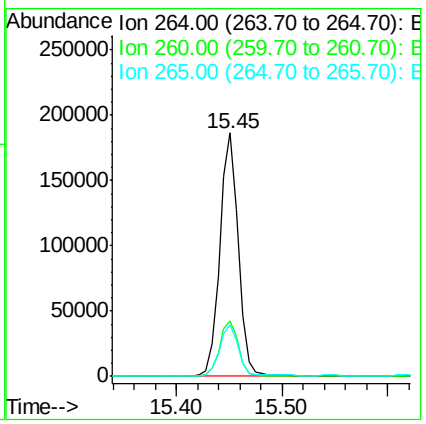


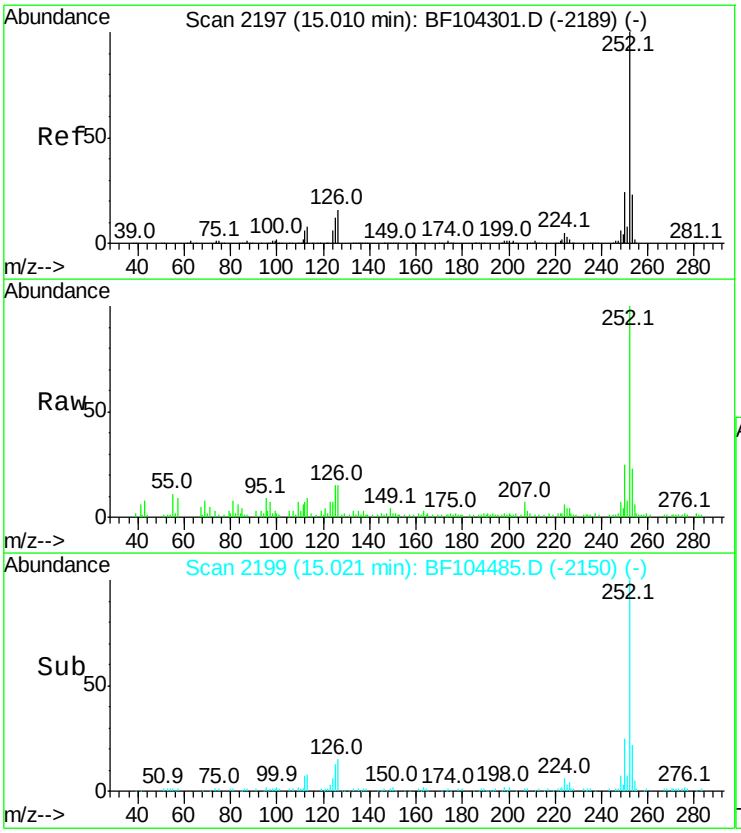
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 228000

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.0	17.5	26.3

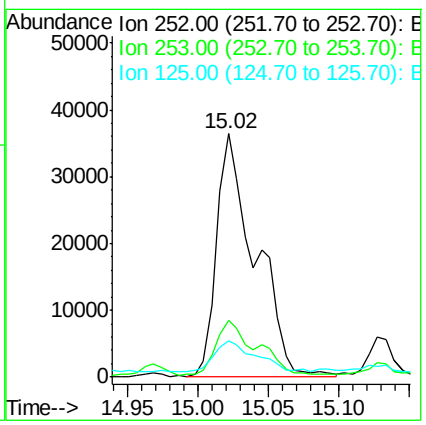


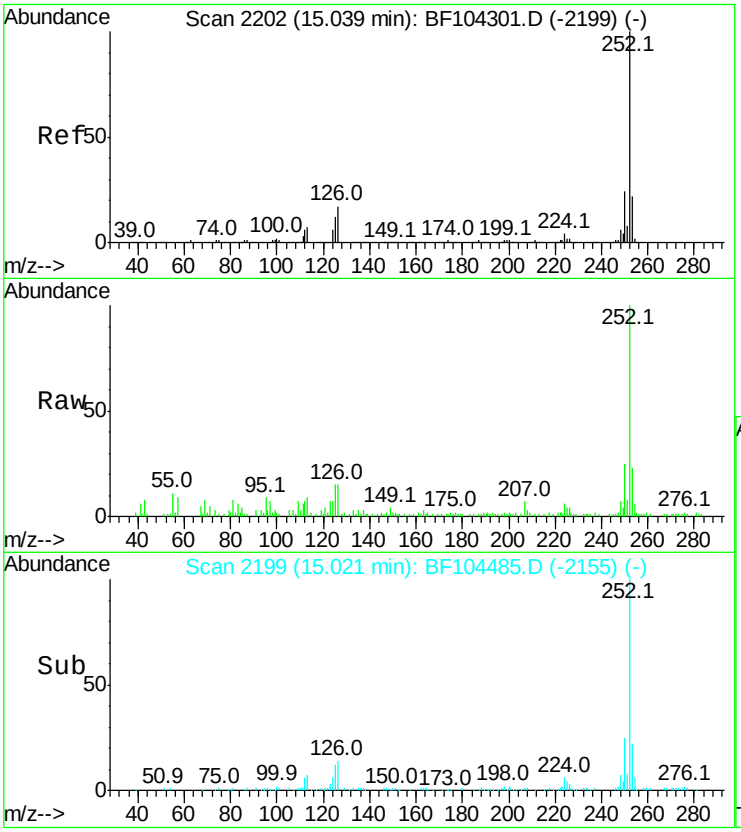


#87
Benzo(b)fluoranthene
Concen: 4.859 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:252 Resp: 69973

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.8	9.0	13.6#



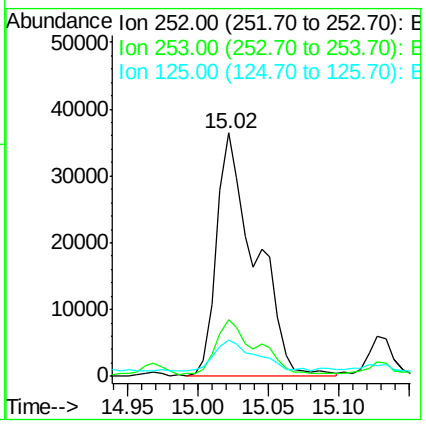


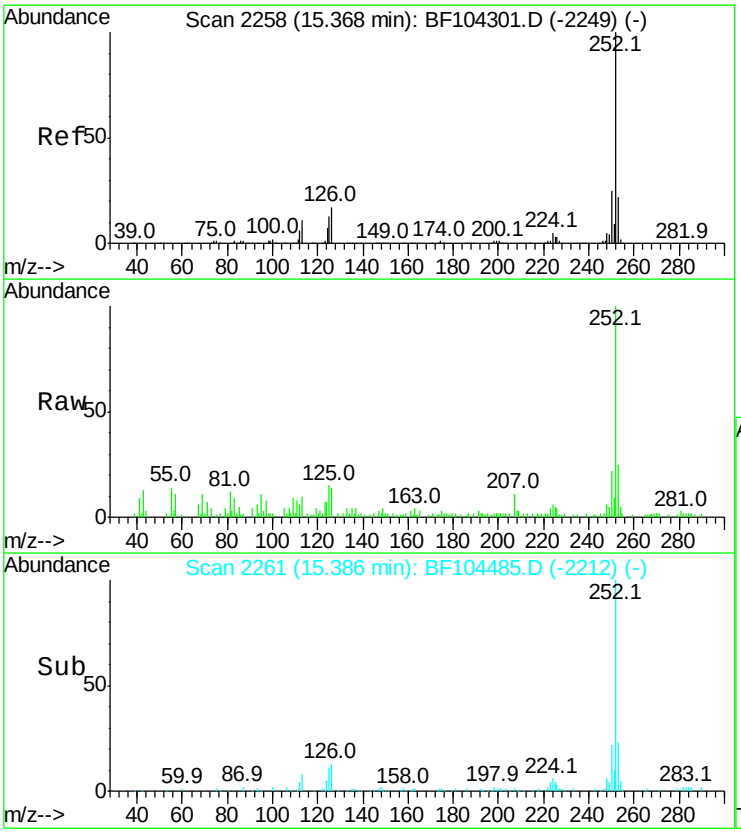
#88
Benzo(k)fluoranthene
Concen: 5.147 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69973

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.8	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.567 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:252 Resp: 33078

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	15.0	9.8	14.6#