Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104488.D
Acq On : 13 Apr 2018 19:34
Operator : JU/SJ
Sample : J2348-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 22:54:59 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	124332	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	502743	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	219646	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	347516	20.00	ng		0.00
75) Chrysene-d12	13.99	240	245019	20.00	ng		0.00
86) Perylene-d12	15.44	264	202508	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	362648	44.60	ng		0.00
7) Phenol-d6	6.43	99	440485	44.09	ng		-0.01
23) Nitrobenzene-d5	7.37	82	259525	33.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	89938	39.47	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	488693	35.15	ng		0.00
78) Terphenyl-d14	12.93	244	370760	34.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	828	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	32678	5.005	ng	#	74
25) Isophorone	7.37	82	259522	15.940	ng	#	64
37) 2-Methylnaphthalene	8.80	142	57750	3.566	ng		96
49) Dimethylphthalate	9.56	163	75376	4.352	ng		100
50) 2,6-Dinitrotoluene	9.85	165	28224	8.806	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	28224	6.714	ng	#	23
70) Phenanthrene	11.36	178	183925	9.504	ng		98
71) Anthracene	11.41	178	45391	2.307	ng		99
74) Fluoranthene	12.55	202	249924	12.360	ng		98
76) Benzidine	12.92	184	5084	Below Cal			96
77) Pyrene	12.78	202	212155	11.681	ng		100
80) Benzo(a)anthracene	13.97	228	104261	7.123	ng		98
82) Chrysene	14.01	228	96463	6.416	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	40255	3.152	ng	#	89
87) Benzo(b)fluoranthene	15.02	252	138256	10.810	ng	#	97
88) Benzo(k)fluoranthene	15.02	252	138256	11.450	ng		97
89) Benzo(a)pyrene	15.38	252	70751	6.182	ng	#	95
91) Benzo(g,h,i)perylene	17.33	276	34760	3.817	ng	#	90

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

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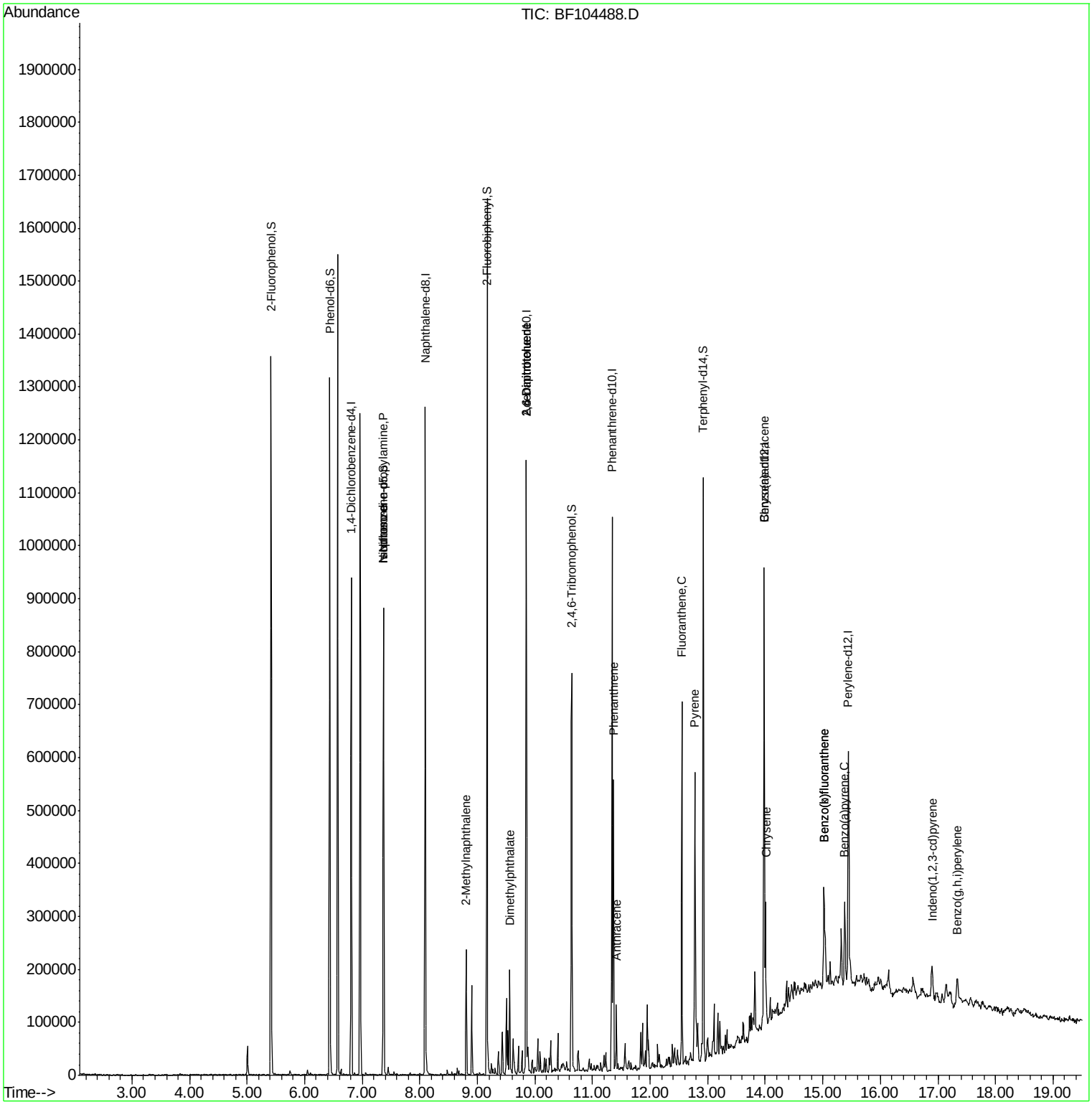
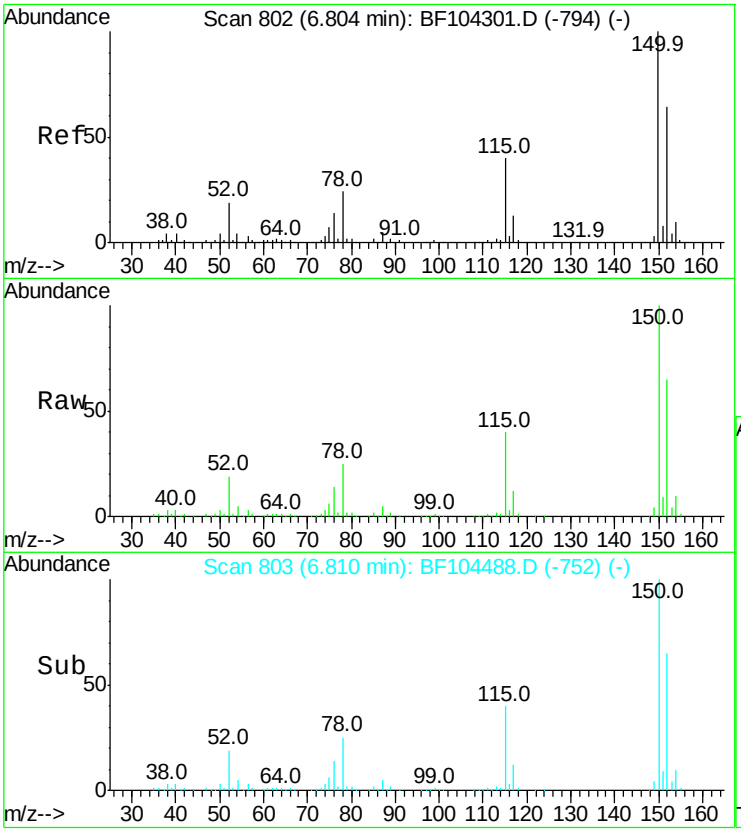


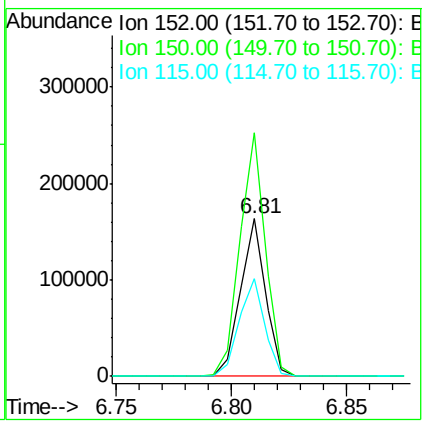


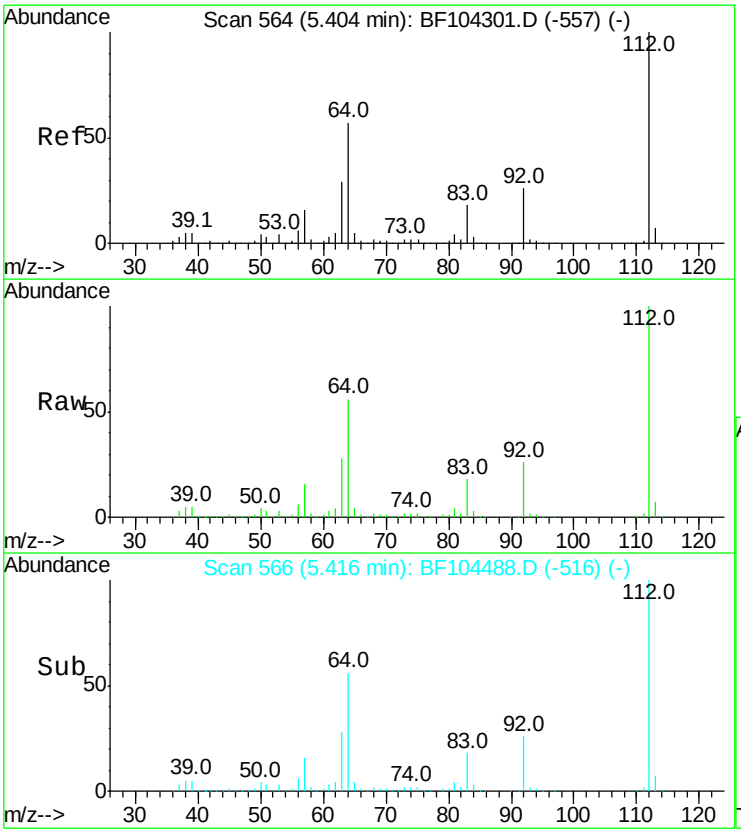
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124332

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	62.0	50.1	75.1

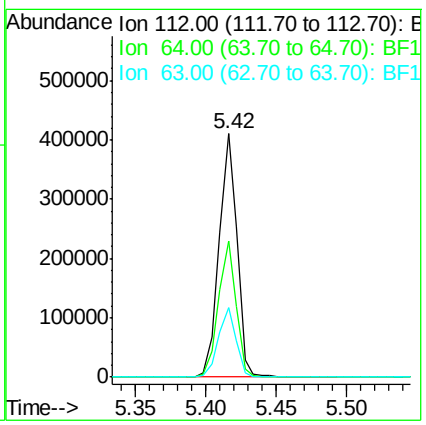


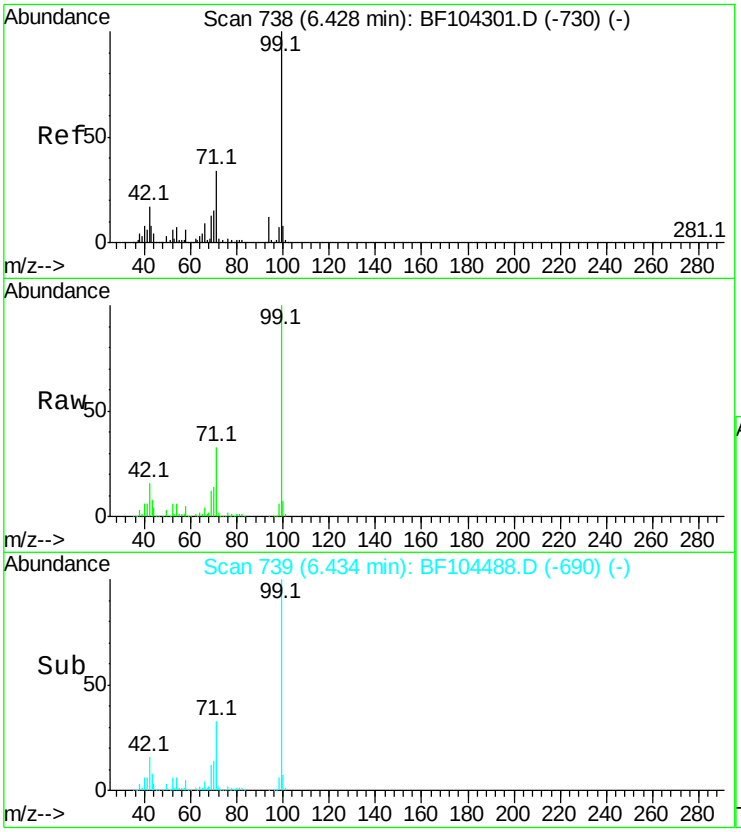


#5
2-Fluorophenol
Concen: 44.599 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:112 Resp: 362648

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.3	23.7	35.5



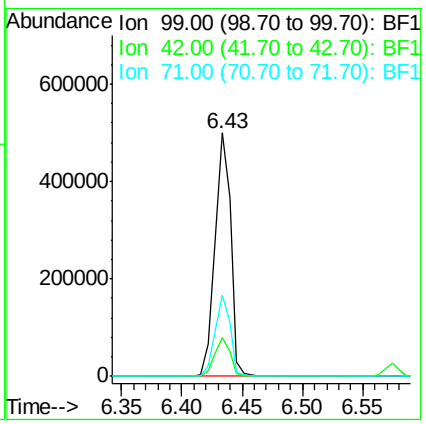


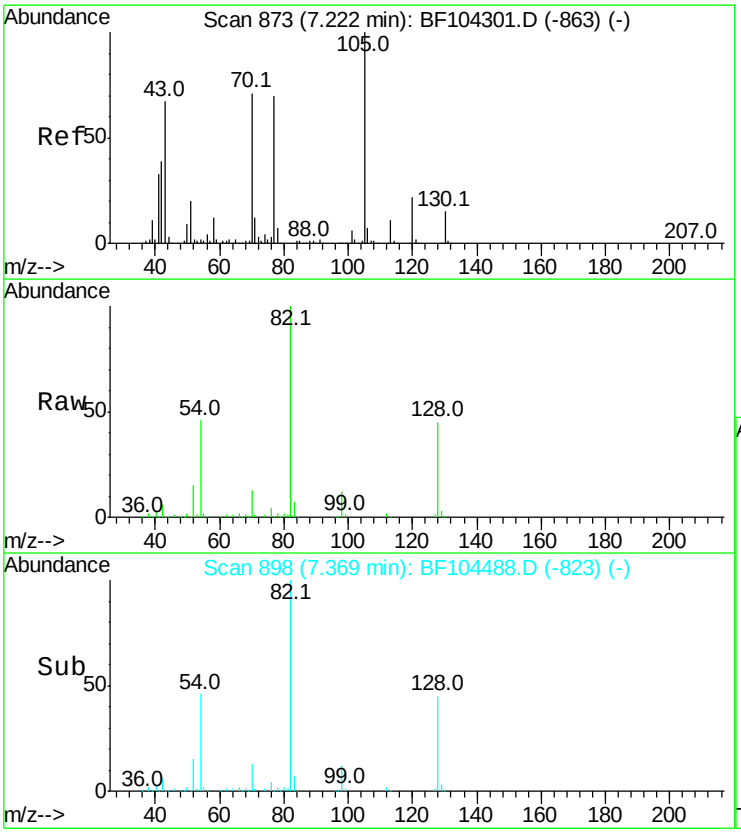
#7
Phenol-d6
Concen: 44.089 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 440485

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	33.2	25.4	38.0

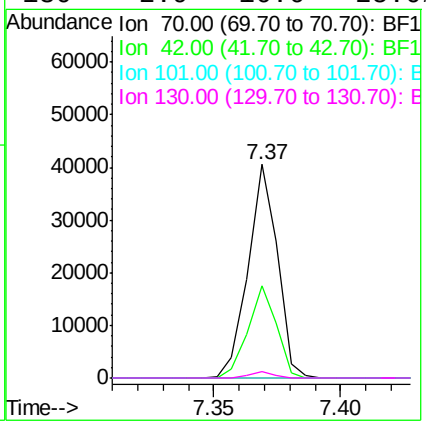


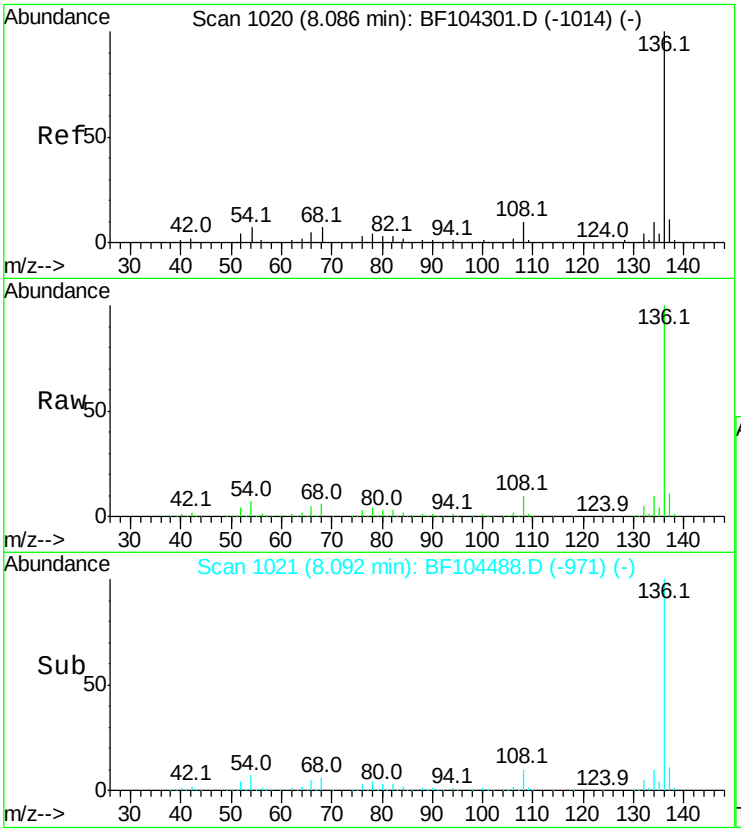


#19
n-Nitroso-di-n-propylamine
Concen: 5.005 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion: 70 Resp: 32678

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



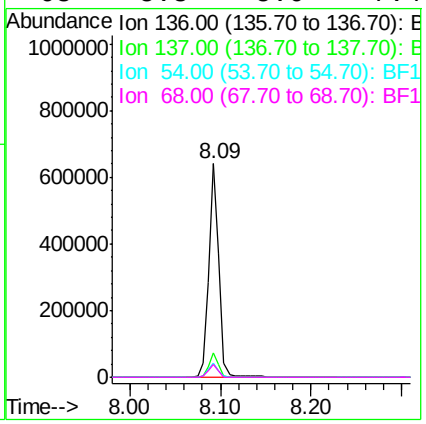


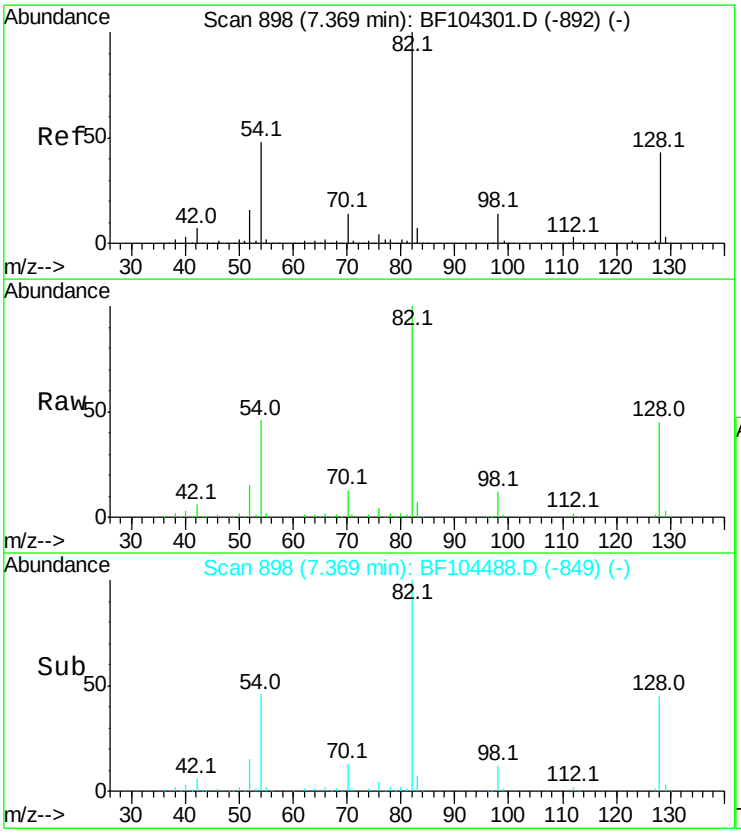
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 502743

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	5.8	5.0	7.4

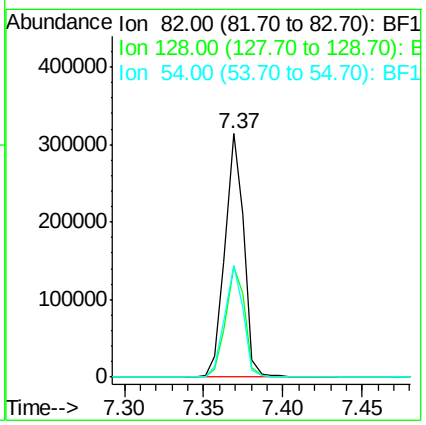


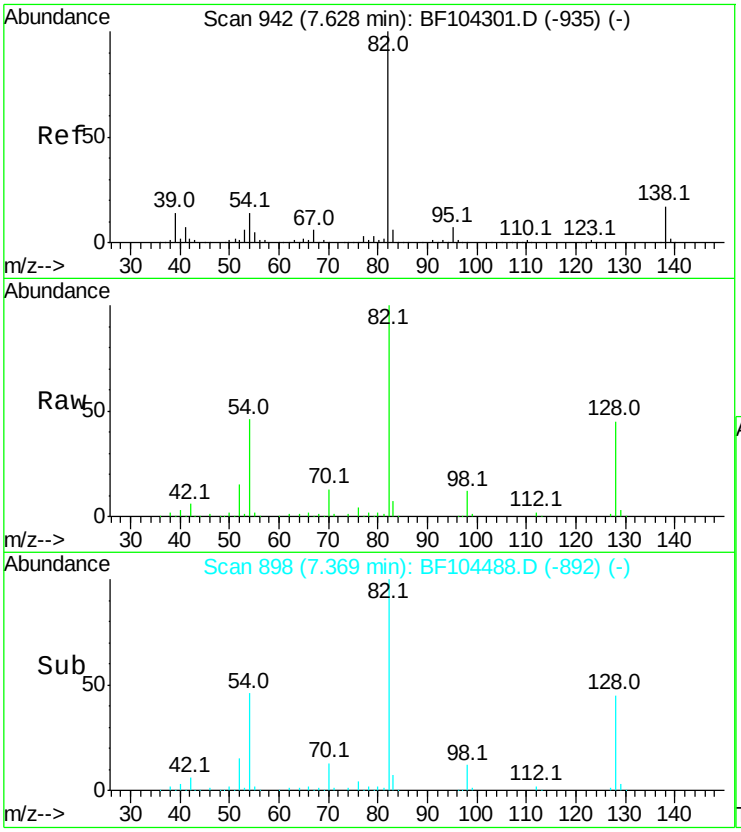


#23
Nitrobenzene-d5
Concen: 33.708 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion: 82 Resp: 259525

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.8	41.4	62.2



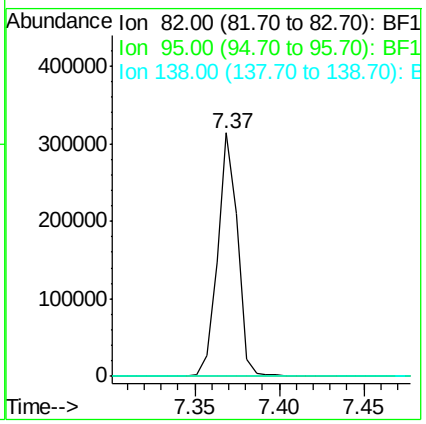


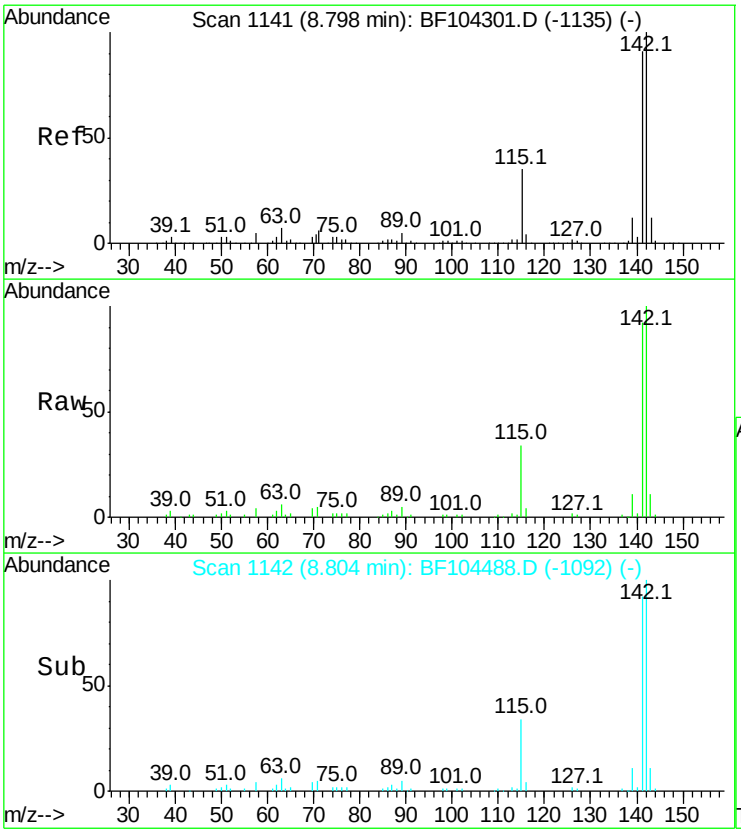
#25
Isophorone
Concen: 15.940 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 259522

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

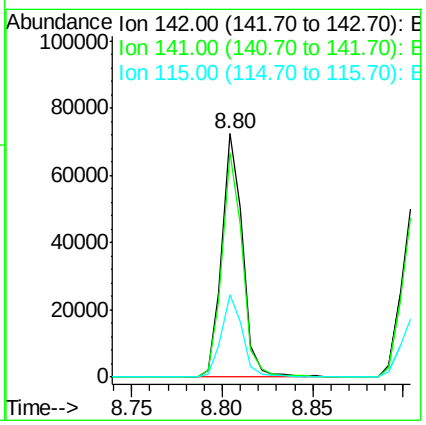


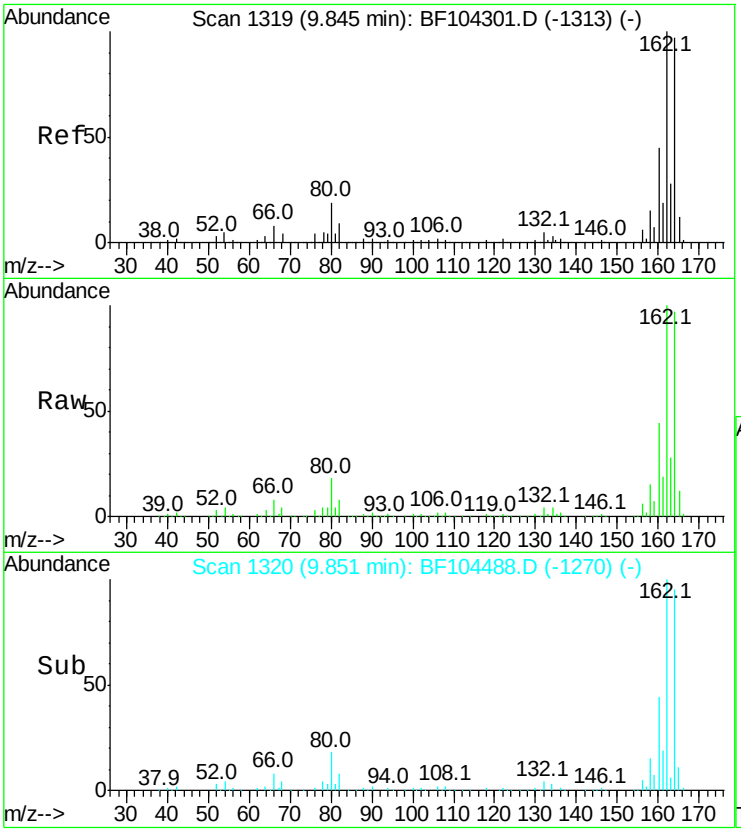


#37
2-Methylnaphthalene
Concen: 3.566 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:142 Resp: 57750

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.8	106.2
115	33.8	26.1	39.1



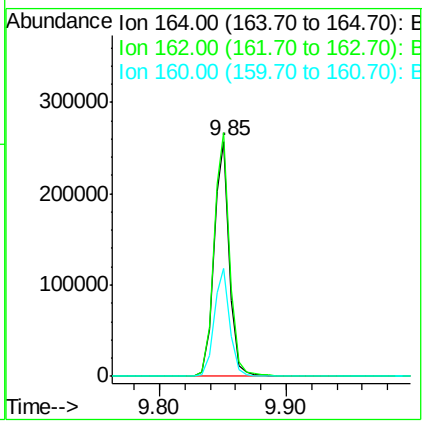


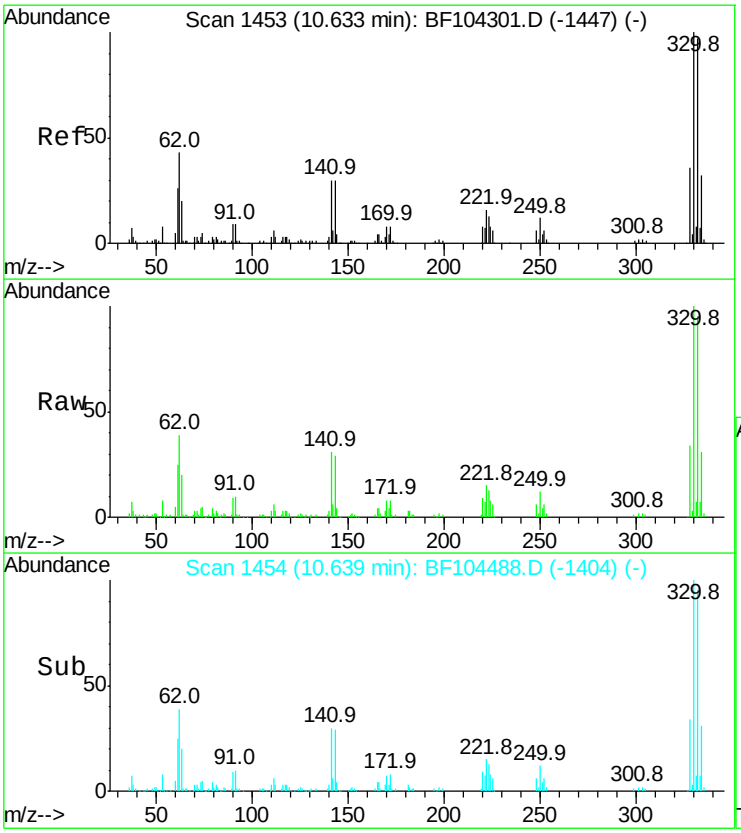
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 219646

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.9	38.3	57.5

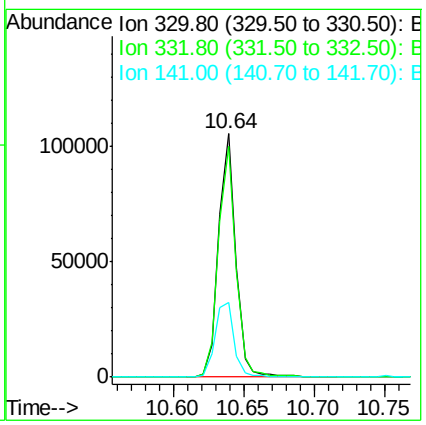


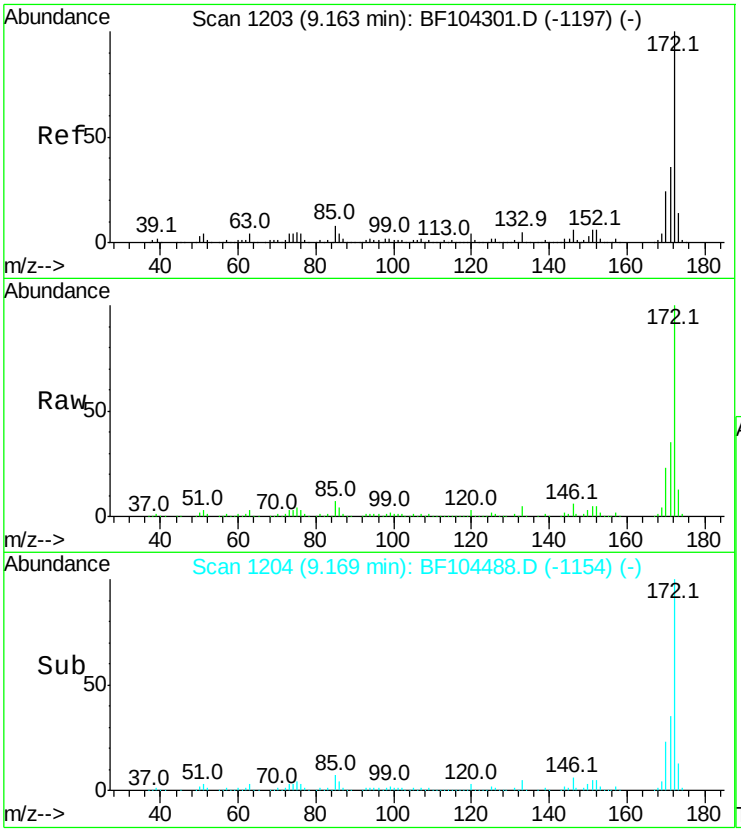


#41
2,4,6-Tribromophenol
Concen: 39.473 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:330 Resp: 89938

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.5	29.9	44.9



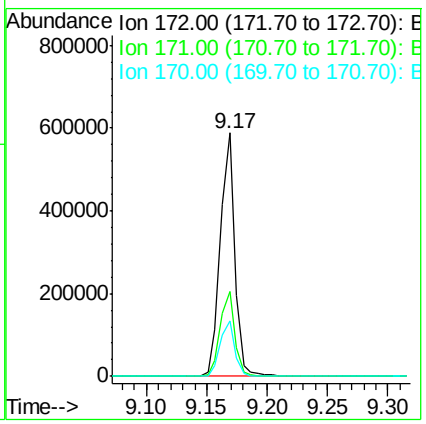


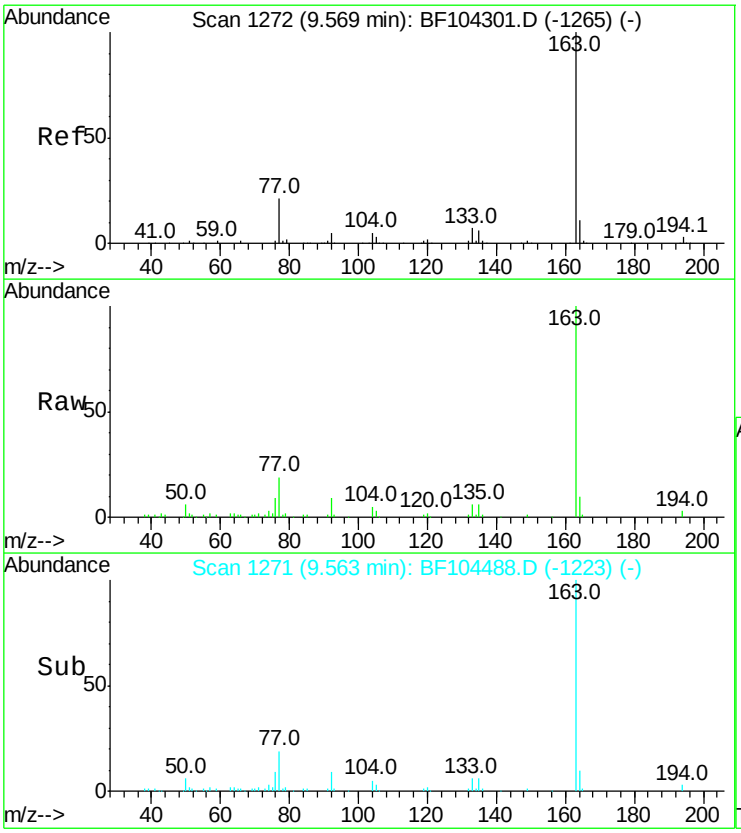
#44
2-Fluorobiphenyl
Concen: 35.148 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 488693

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.9	19.6	29.4

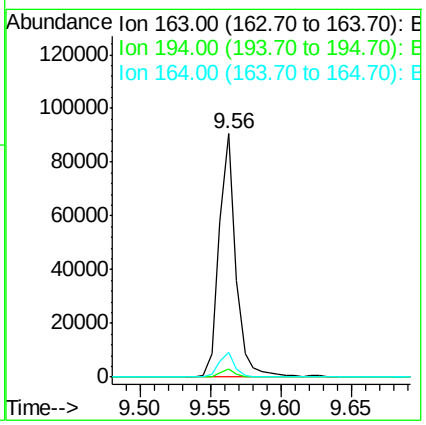


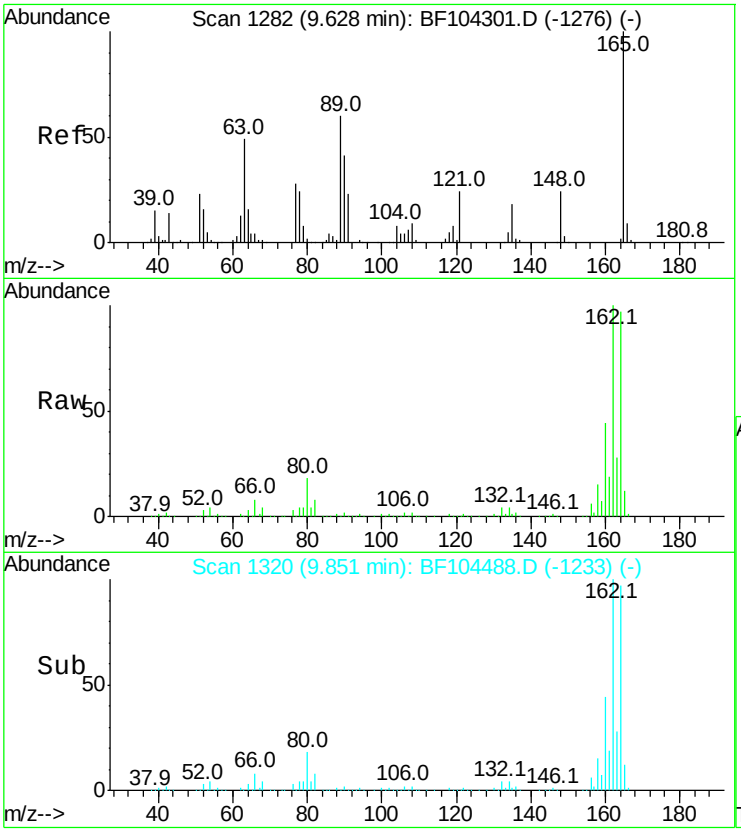


#49
Dimethylphthalate
Concen: 4.352 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:163 Resp: 75376

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



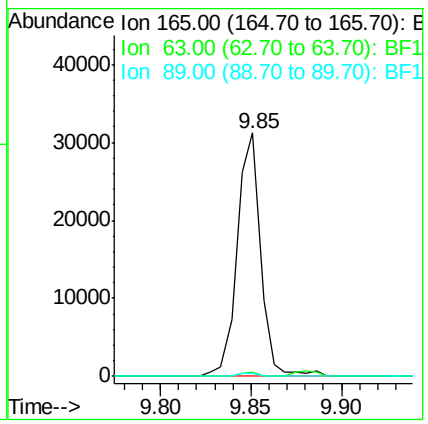


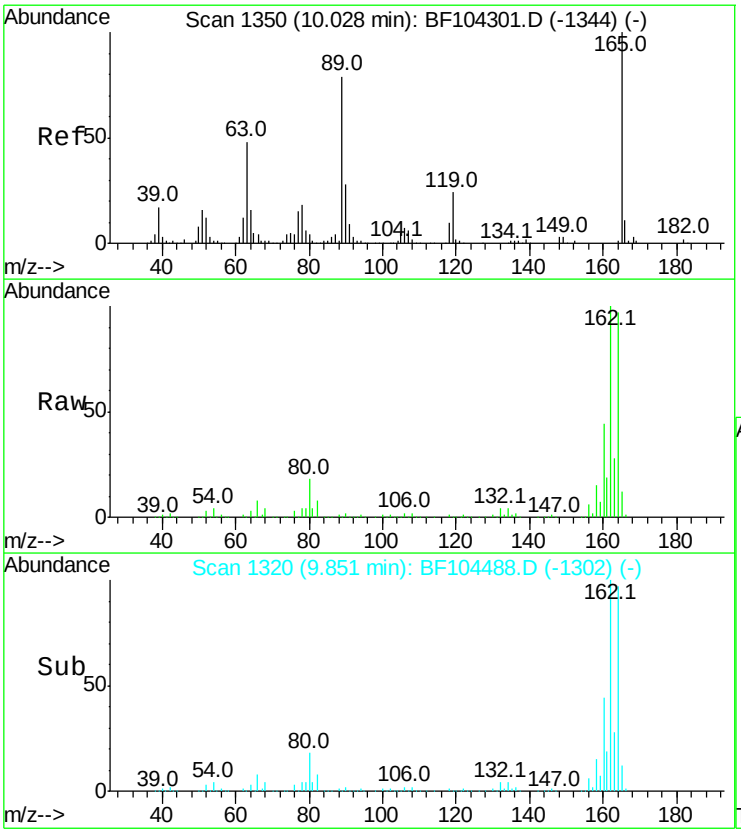
#50
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28224

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#

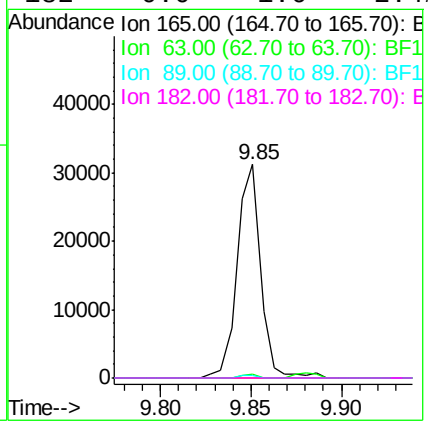


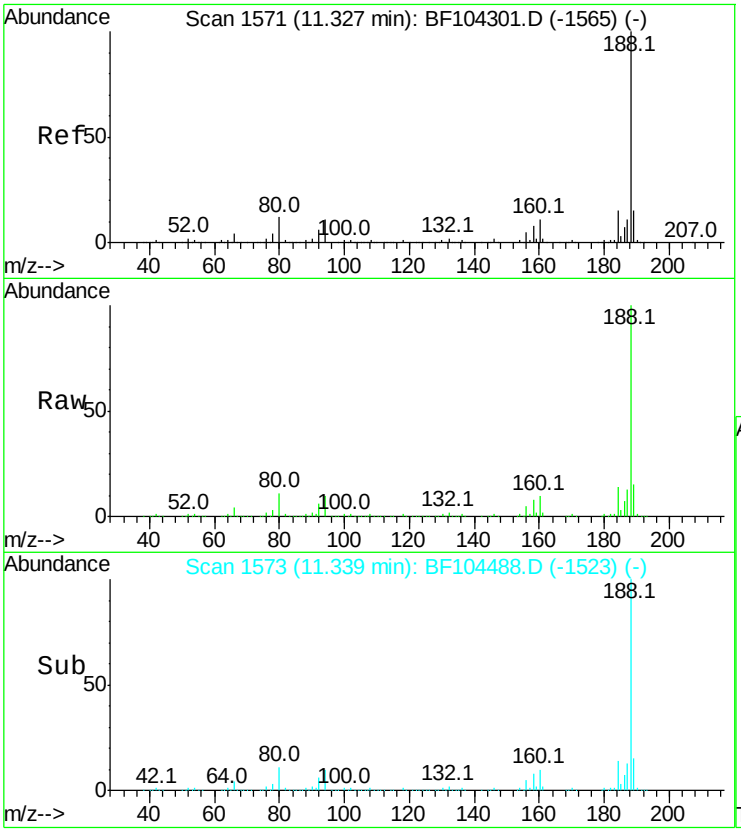


#56
2,4-Dinitrotoluene
Concen: 6.714 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:165 Resp: 28224

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



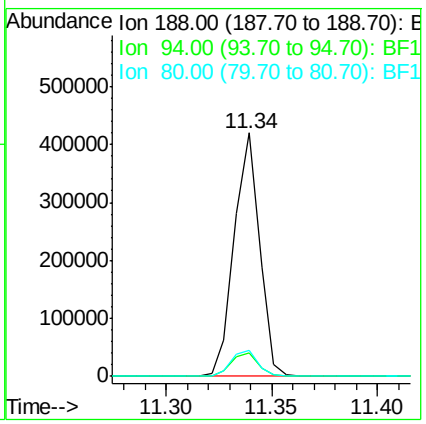


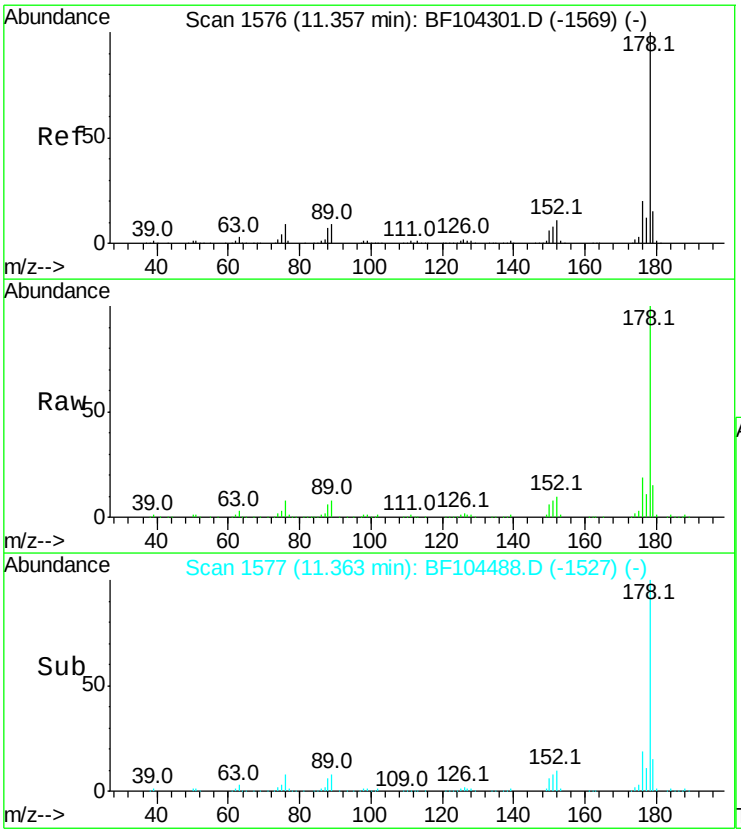
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 347516

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8

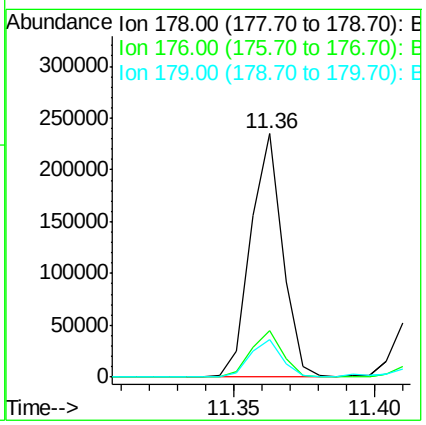


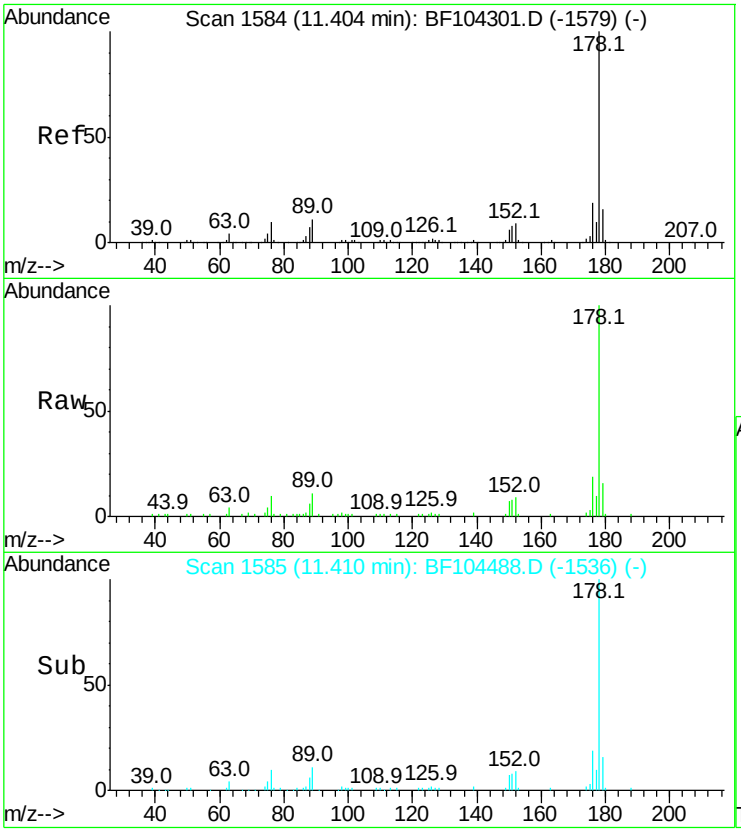


#70
Phenanthrene
Concen: 9.504 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:178 Resp: 183925

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6



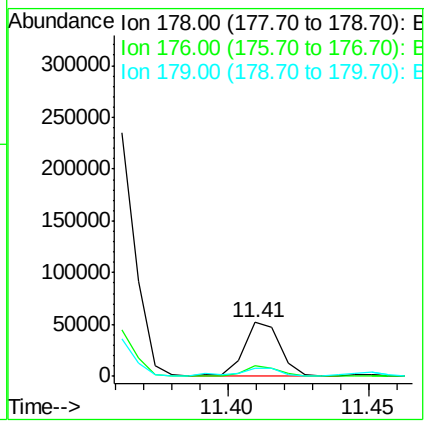


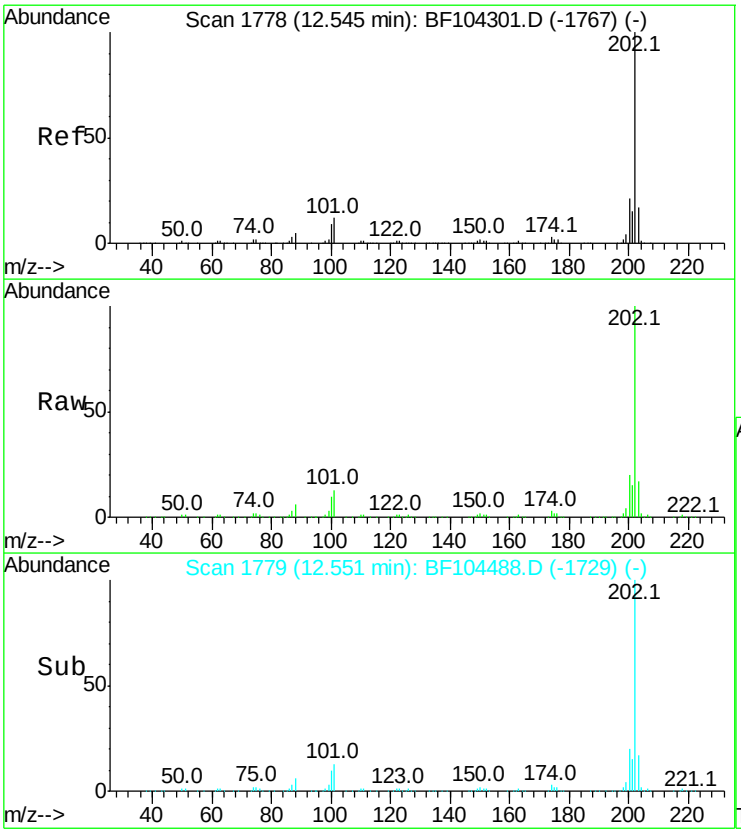
#71
Anthracene
Concen: 2.307 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 45391

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0

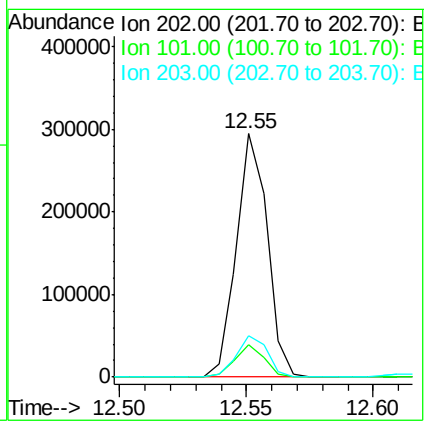


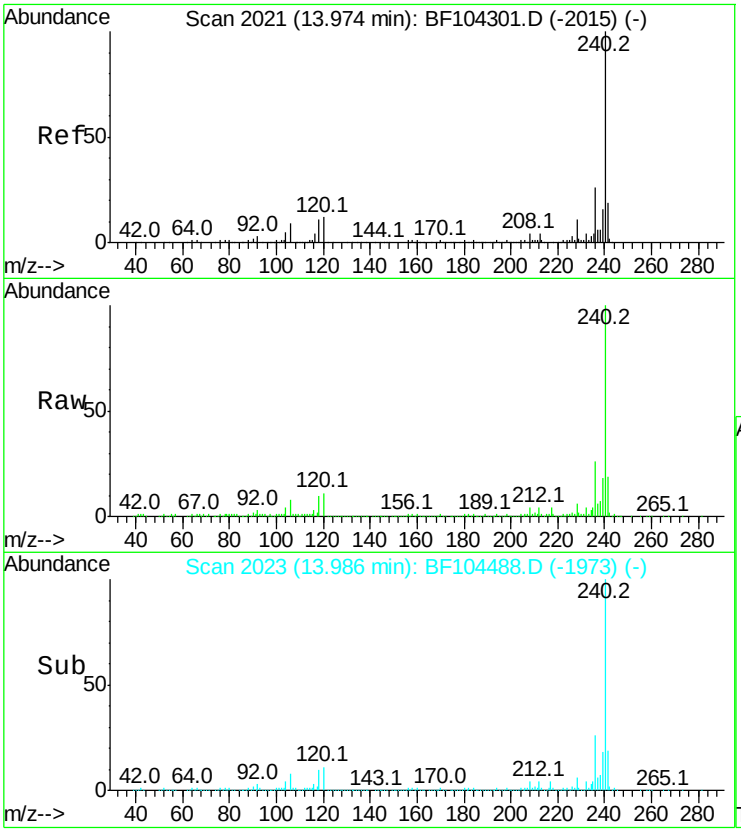


#74
Fluoranthene
Concen: 12.360 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:202 Resp: 249924

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.2	0.0	38.1



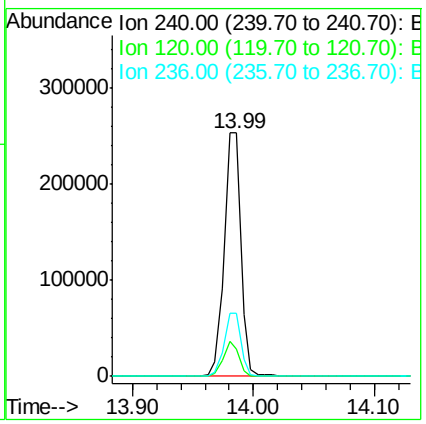


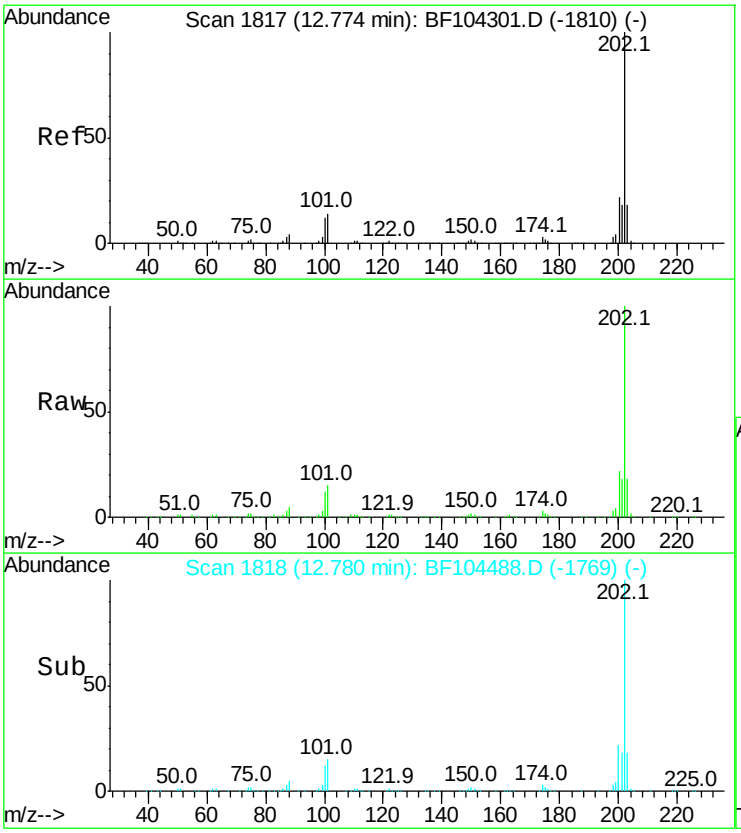
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 245019

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.1	20.7	31.1

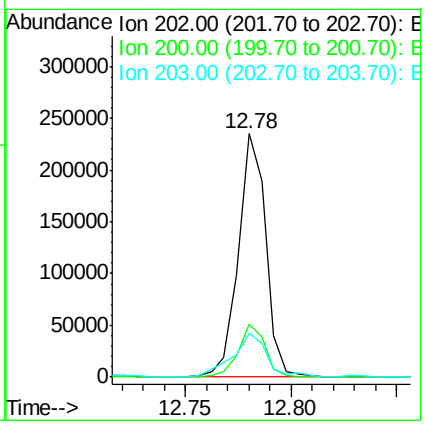


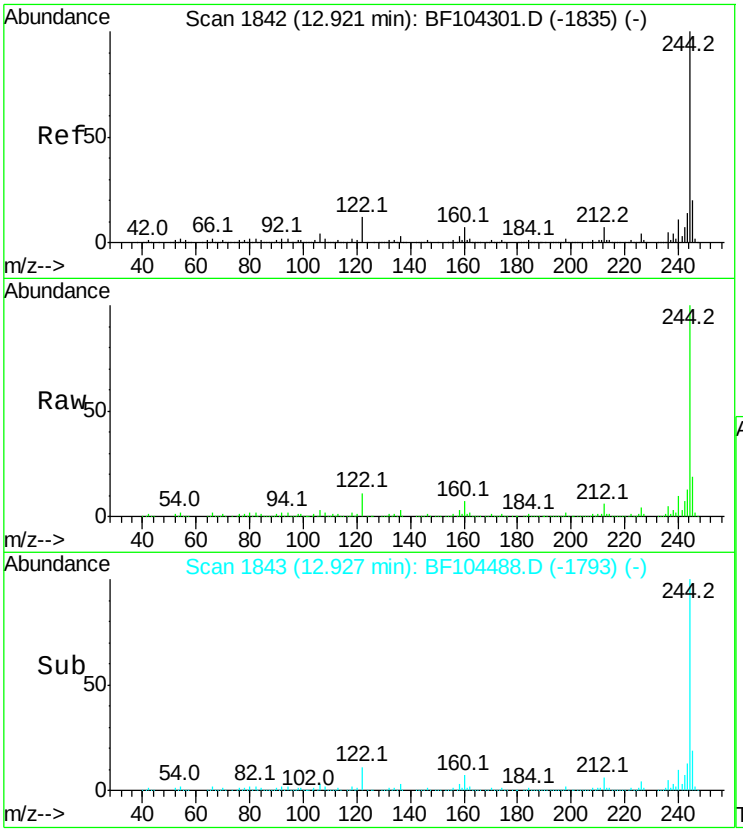


#77
Pyrene
Concen: 11.681 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:202 Resp: 212155

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5



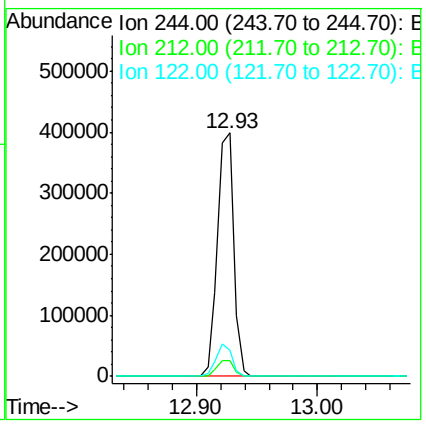


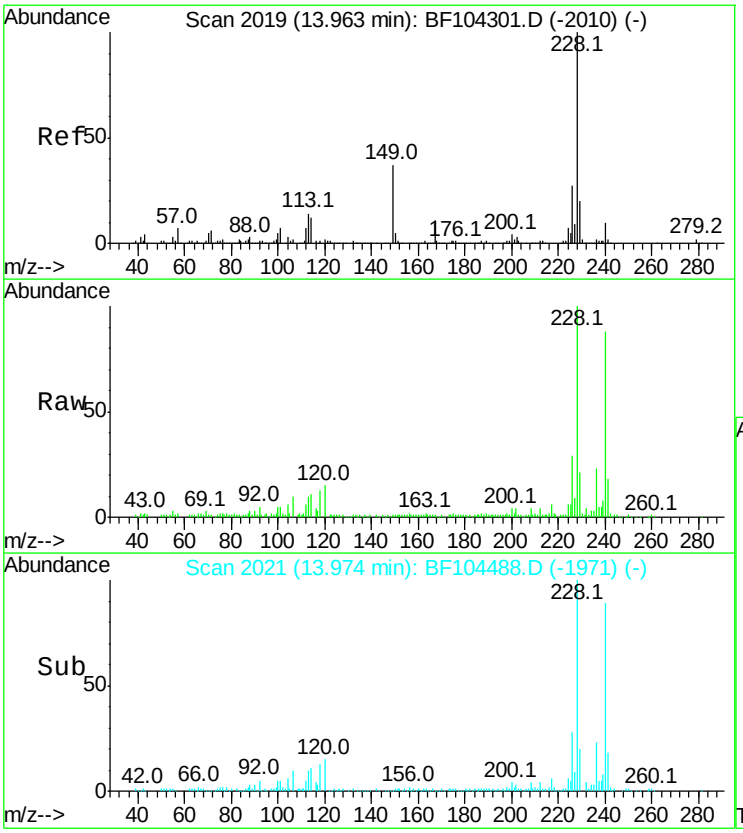
#78
Terphenyl-d14
Concen: 34.498 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 370760

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.8	11.0	16.4#

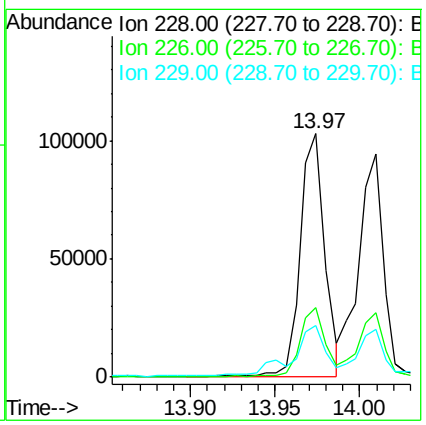


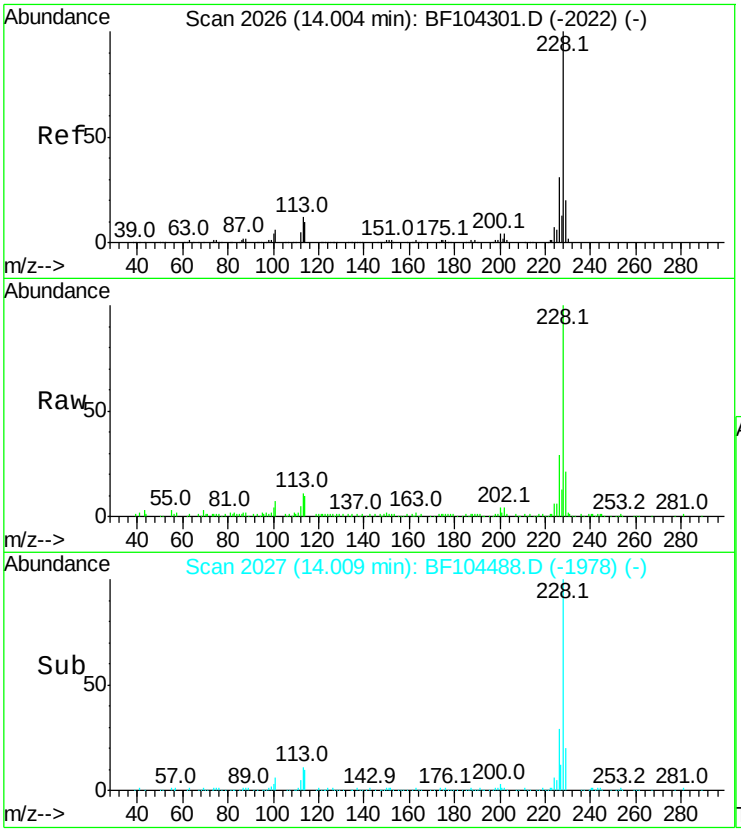


#80
Benzo(a)anthracene
Concen: 7.123 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:228 Resp: 104261

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.4	15.8	23.6



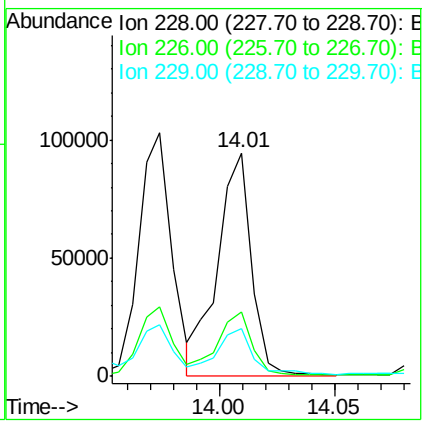


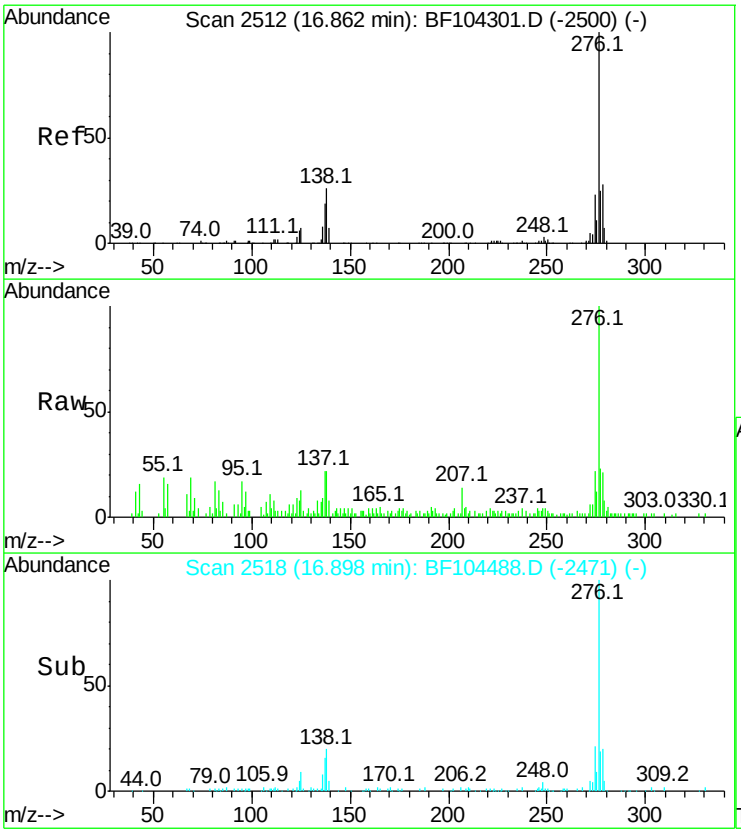
#82
Chrysene
Concen: 6.416 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 96463

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	21.3	16.2	24.4

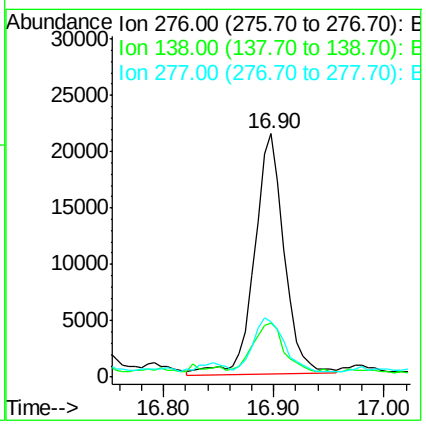


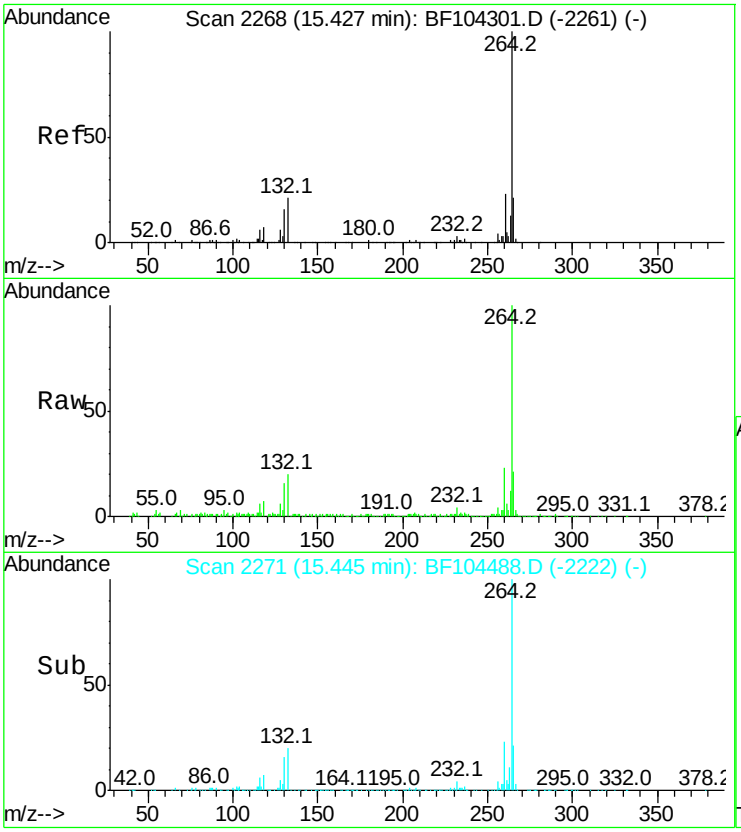


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.152 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:276 Resp: 40255

Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	23.4	20.1	30.1



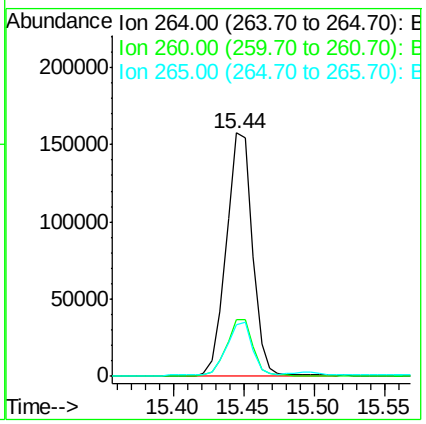


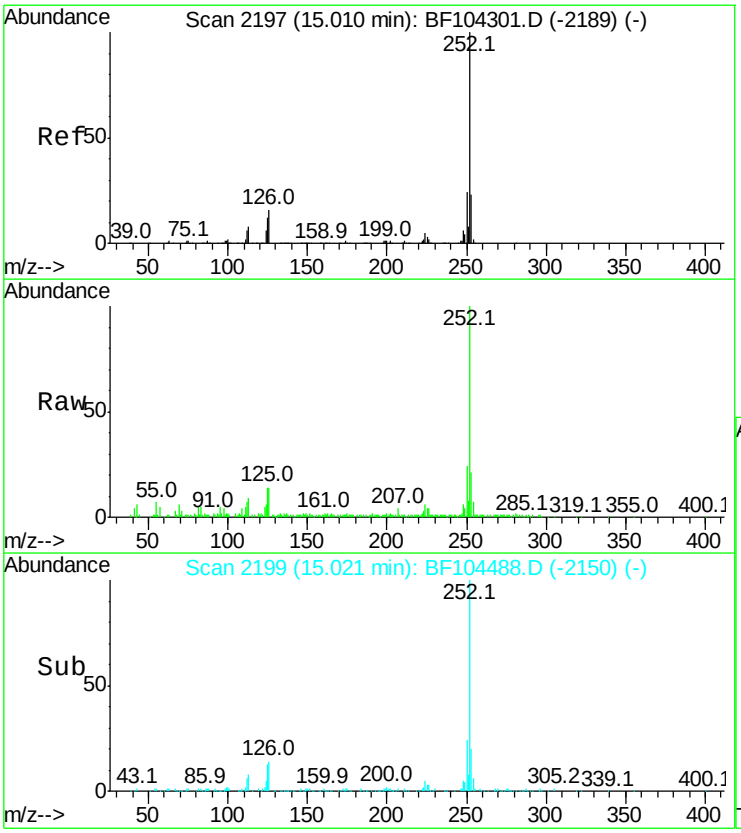
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 202508

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

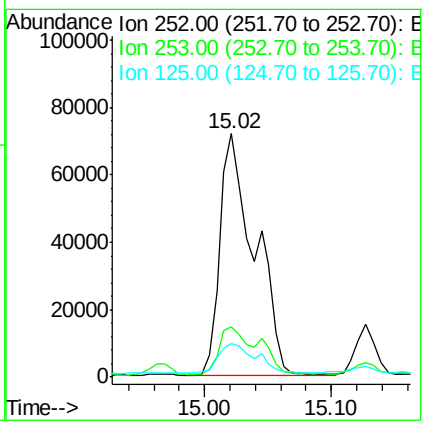


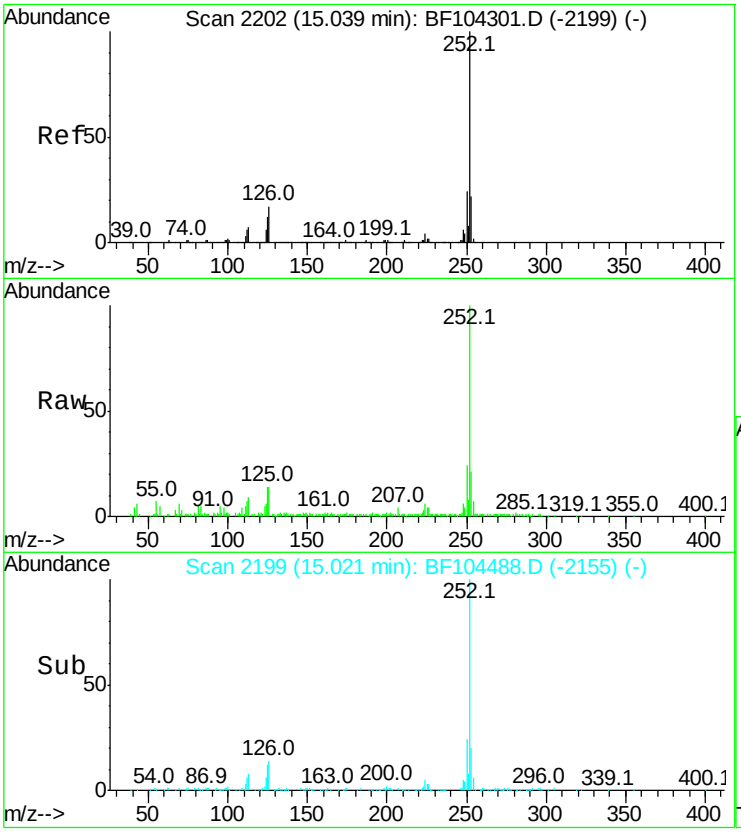


#87
Benzo(b)fluoranthene
Concen: 10.810 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:252 Resp: 138256

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.6
125	14.0	9.0	13.6#



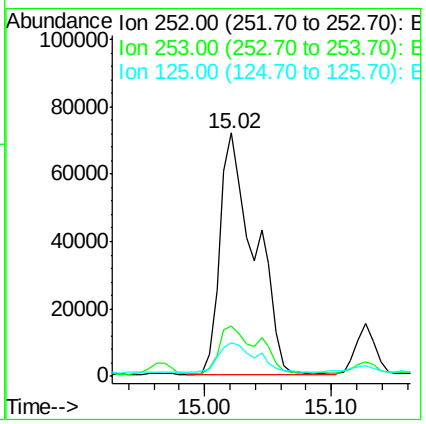


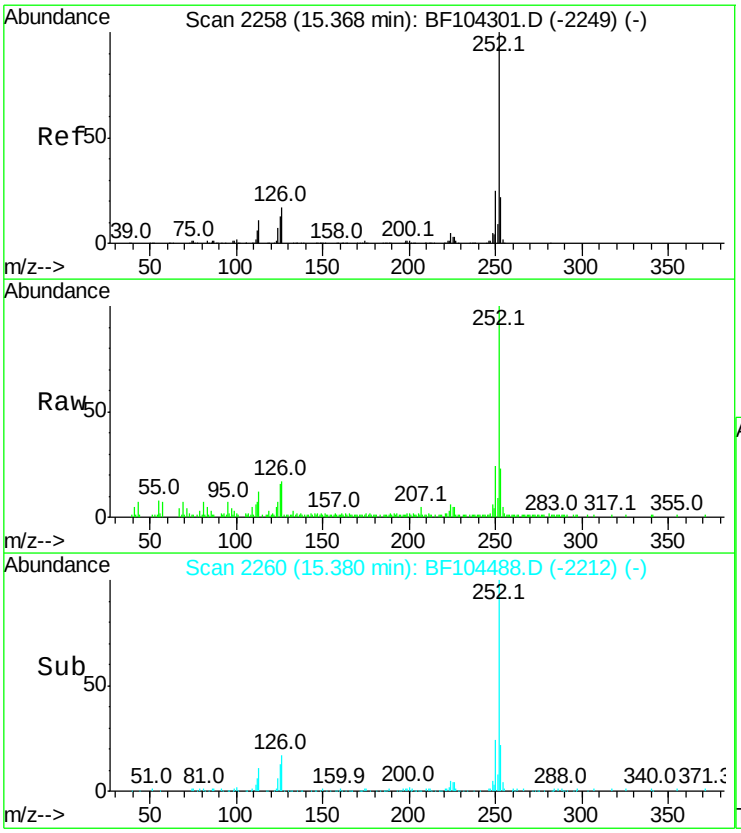
#88
Benzo(k)fluoranthene
Concen: 11.450 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 138256

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	14.0	10.2	15.2

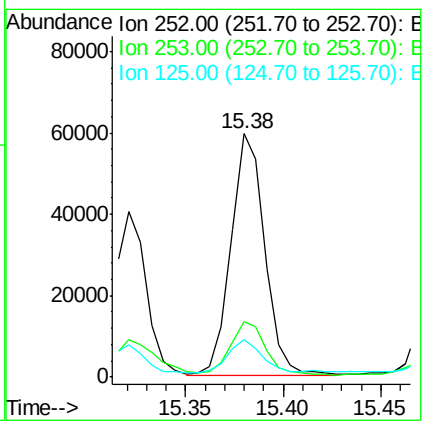


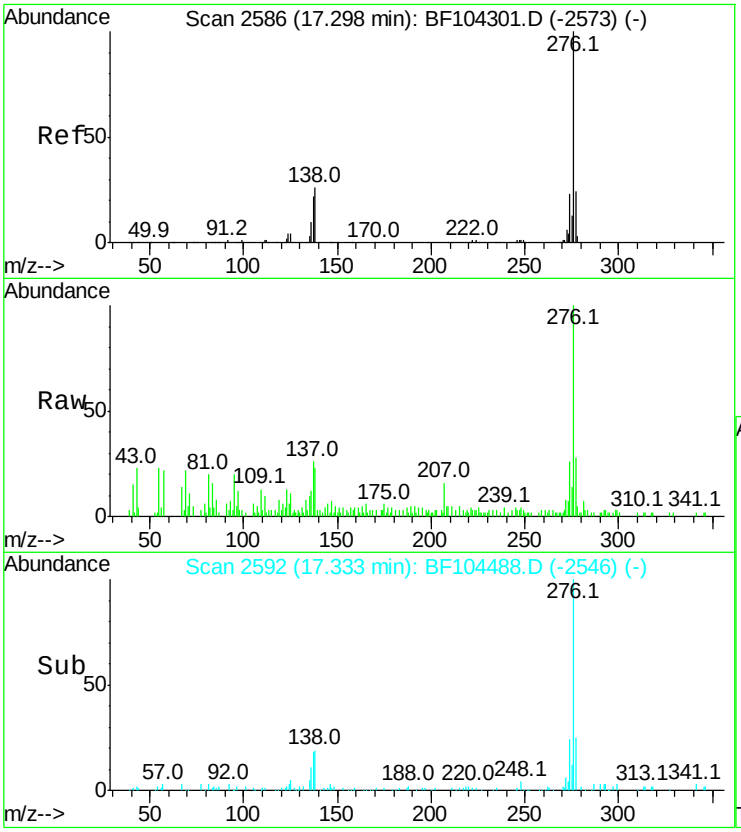


#89
Benzo(a)pyrene
Concen: 6.182 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Tgt Ion:252 Resp: 70751

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.817 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.03 min
Lab File: BF104488.D
Acq: 13 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34760

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	22.9	21.8	32.8