Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104741.D
Acq On : 24 Apr 2018 7:24
Operator : JU/SJ
Sample : J2482-06DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 08:34:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105007	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	405347	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	168038	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	249885	20.00	ng		0.00
75) Chrysene-d12	13.99	240	183605	20.00	ng		0.00
86) Perylene-d12	15.46	264	138484	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	123349	17.96	ng		0.00
7) Phenol-d6	6.44	99	152379	18.06	ng		0.00
23) Nitrobenzene-d5	7.37	82	80328	12.94	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	27413	15.73	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	177733	16.71	ng		0.00
78) Terphenyl-d14	12.92	244	129995	16.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	367	Below Cal		#	57
25) Isophorone	7.37	82	80326	6.119	ng	#	64
30) 1,2,4-Trichlorobenzene	8.03	180	18835	3.105	ng		97
56) 2,4-Dinitrotoluene	9.85	165	20822	6.474	ng	#	23
57) Fluorene	10.39	166	23177	2.141	ng		98
70) Phenanthrene	11.36	178	327429	23.529	ng		99
71) Anthracene	11.42	178	93823	6.633	ng		99
74) Fluoranthene	12.56	202	490328	33.724	ng		99
76) Benzidine	12.69	184	6086	Below Cal		#	42
77) Pyrene	12.79	202	457524	33.618	ng		99
80) Benzo(a)anthracene	13.97	228	217613	19.839	ng		98
82) Chrysene	14.02	228	175959	15.618	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	68895	7.198	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	243667	27.859	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	243667	29.509	ng		97
89) Benzo(a)pyrene	15.40	252	126664	16.185	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	17403	2.708	ng	#	89
91) Benzo(g,h,i)perylene	17.36	276	68676	11.029	ng		94

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

Quantitation Report (Not Reviewed)

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ALS Vial : 42 Sample Multiplier: 1

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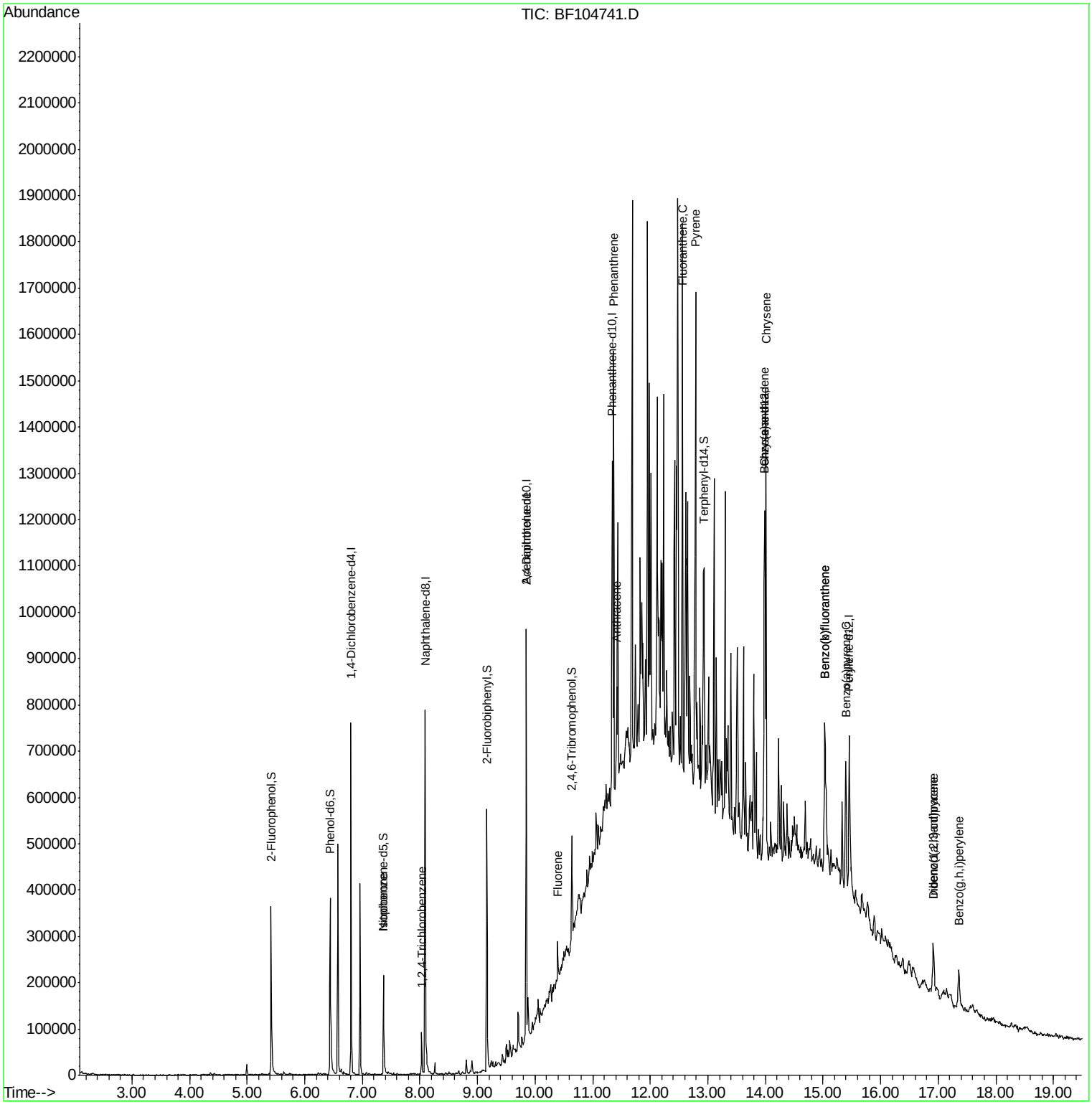
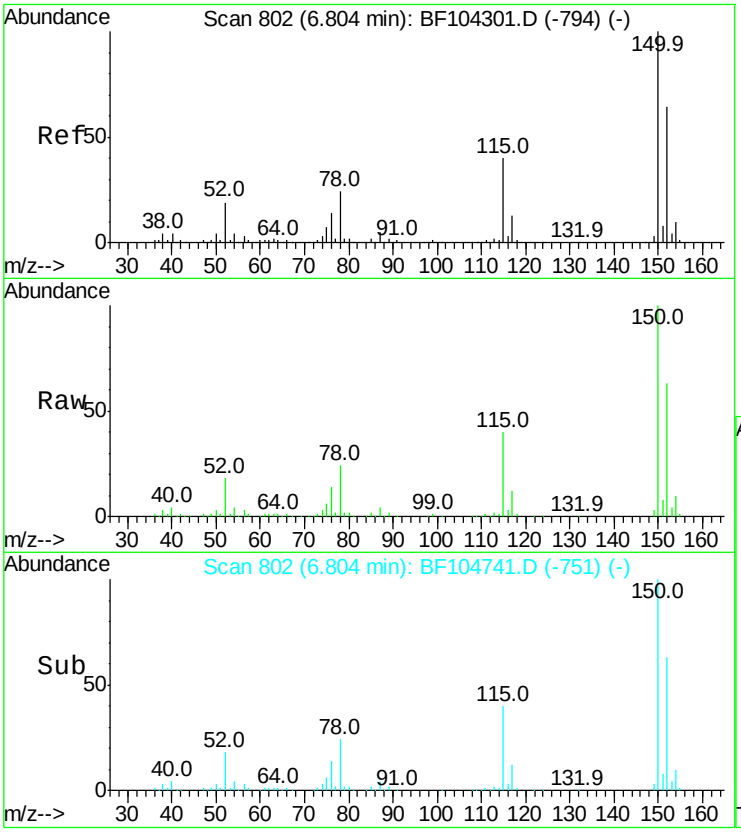
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



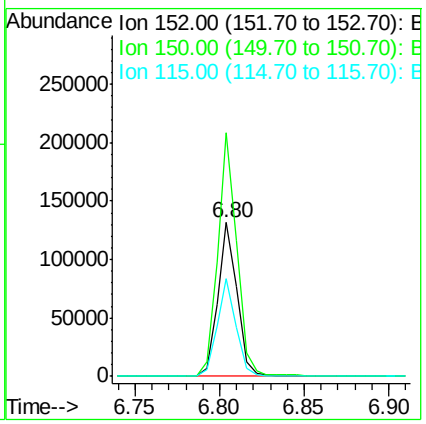


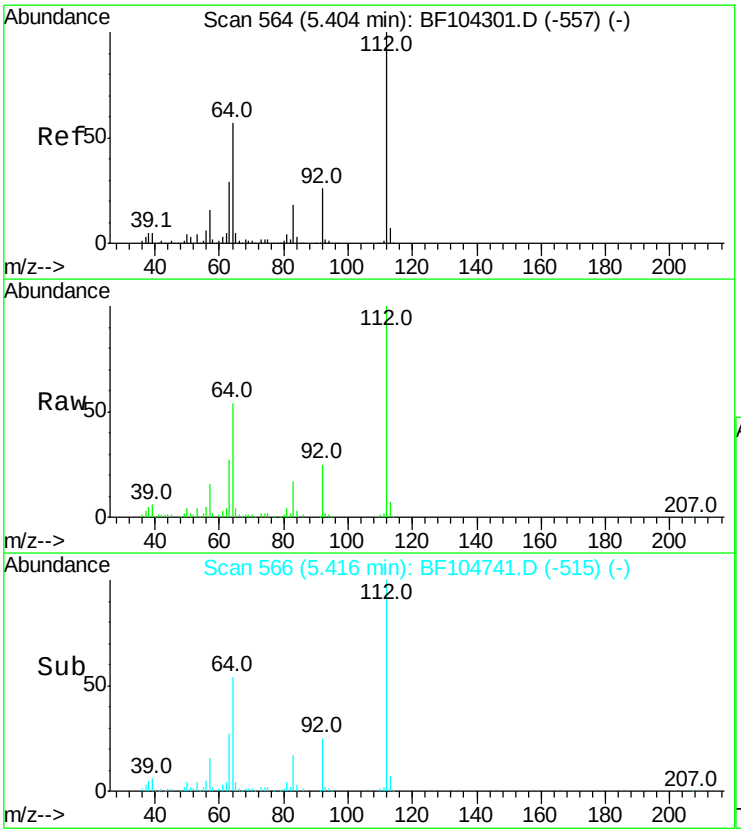
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105007

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.6	50.1	75.1

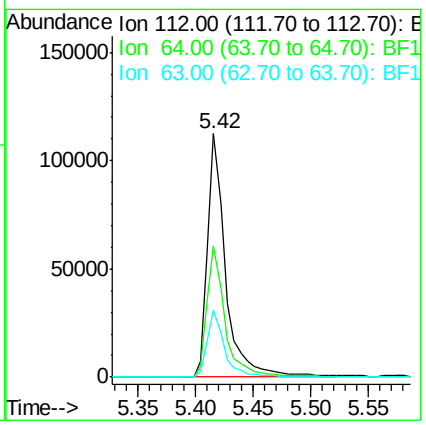


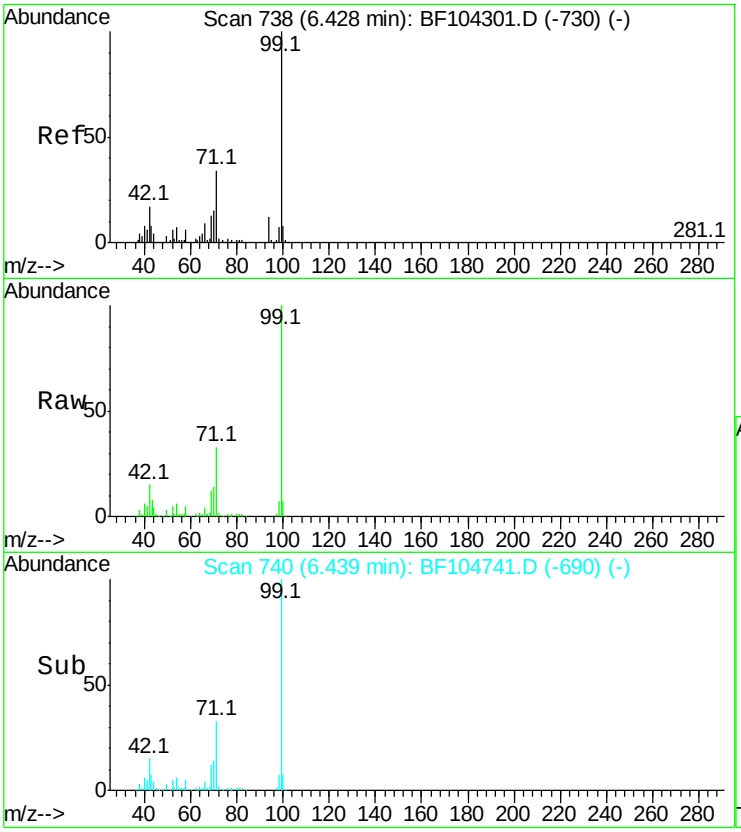


#5
2-Fluorophenol
Concen: 17.961 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:112 Resp: 123349

Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	27.3	23.7	35.5



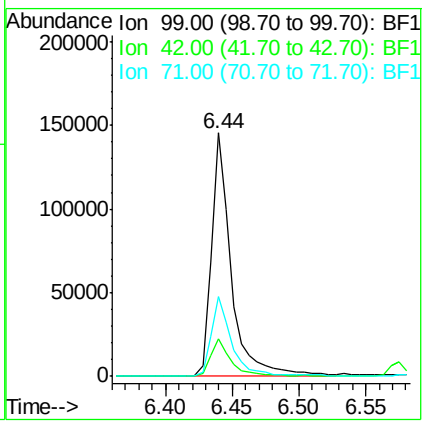


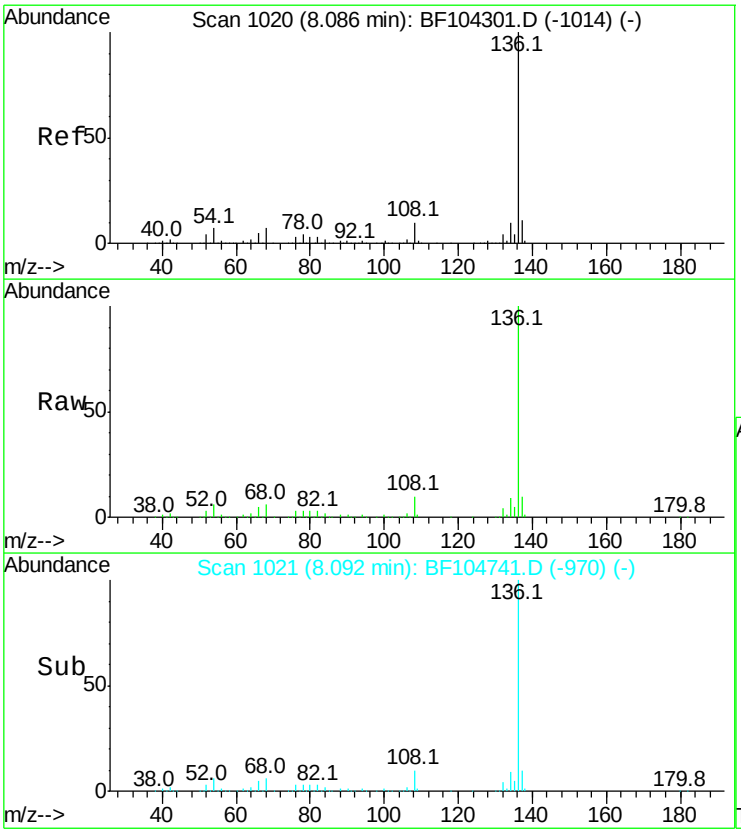
#7
Phenol-d6
Concen: 18.059 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 152379

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	32.9	25.4	38.0

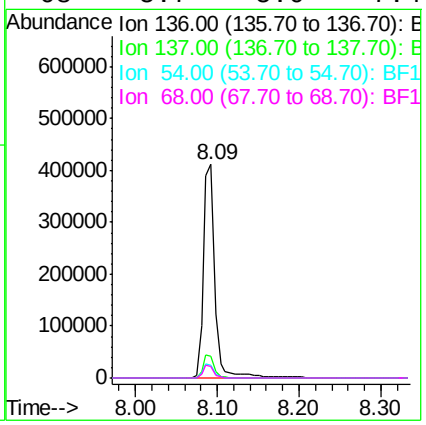


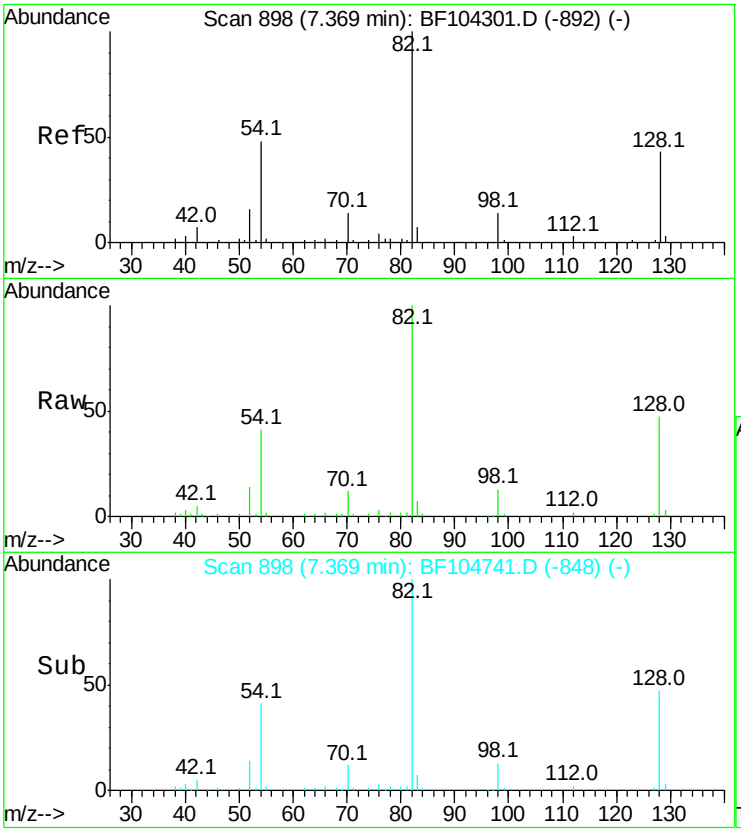


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:136 Resp: 405347

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.9	6.6	9.8#
68	5.7	5.0	7.4



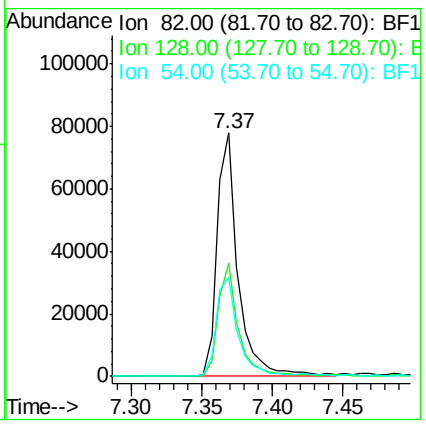


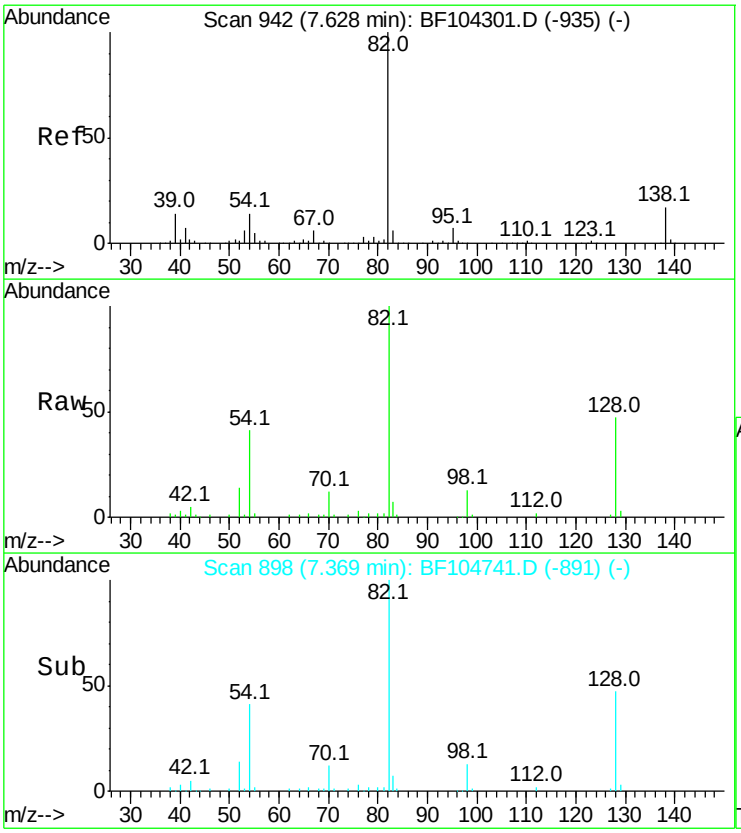
#23
Nitrobenzene-d5
Concen: 12.940 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 80328

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	40.7	41.4	62.2#

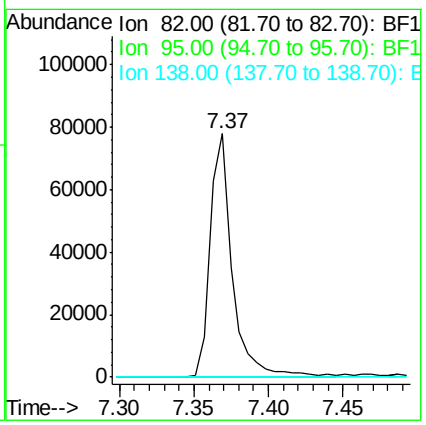


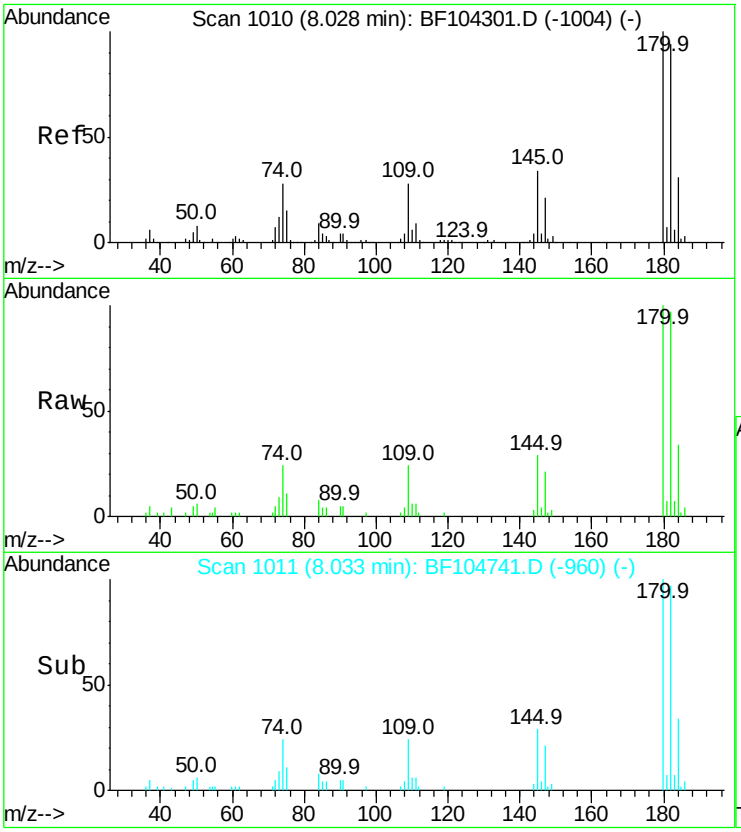


#25
Isophorone
Concen: 6.119 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion: 82 Resp: 80326

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



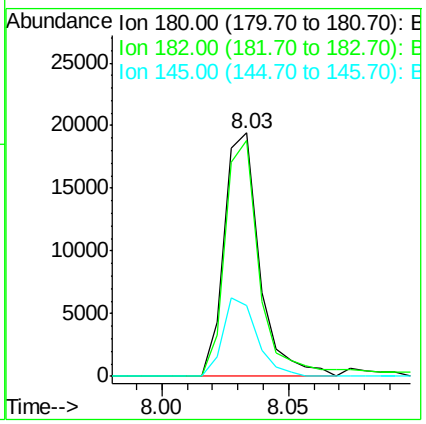


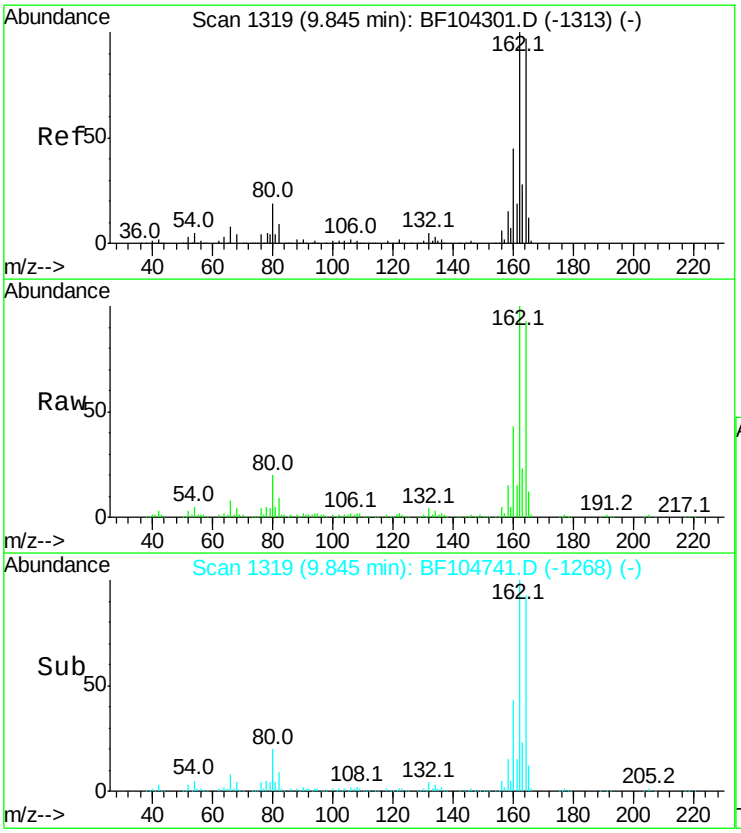
#30
1,2,4-Trichlorobenzene
Concen: 3.105 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 18835

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	29.0	26.5	39.7

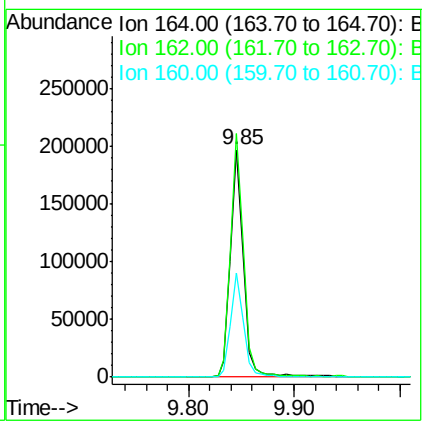


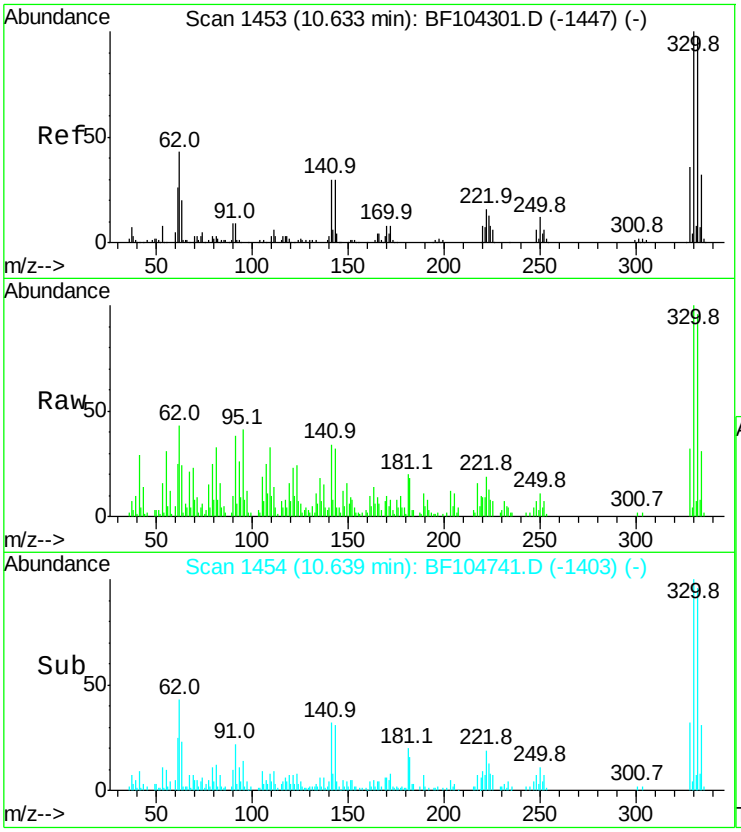


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:164 Resp: 168038

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.9	38.3	57.5



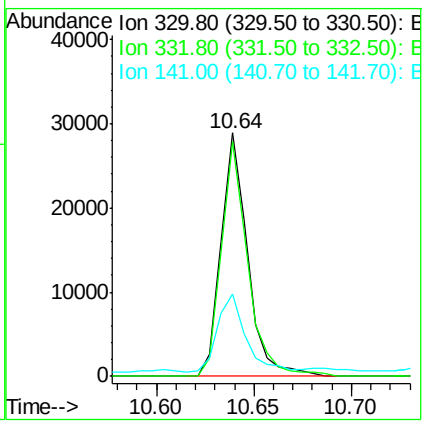


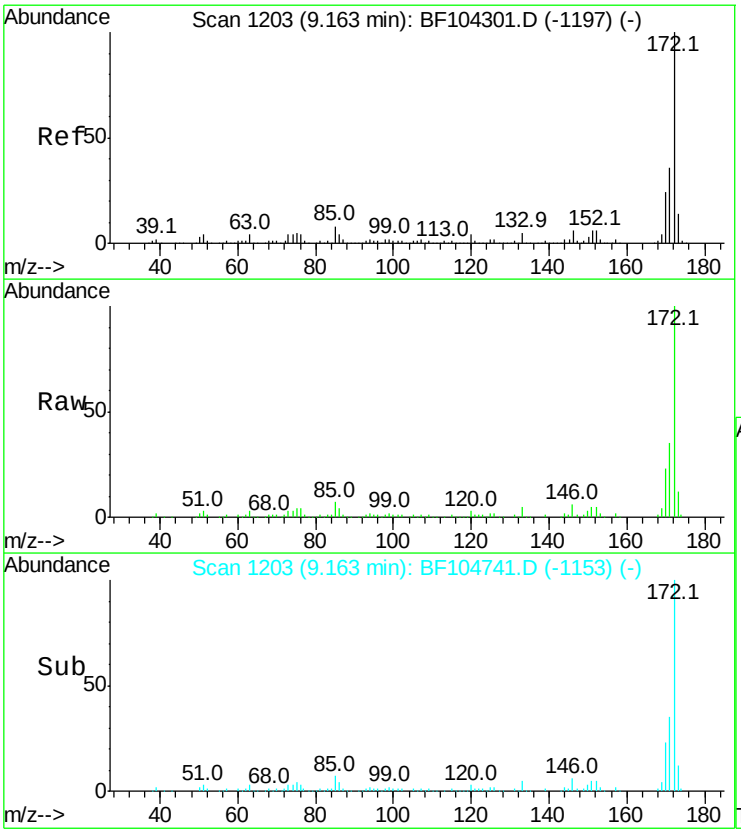
#41
2,4,6-Tribromophenol
Concen: 15.727 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27413

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.0	29.9	44.9

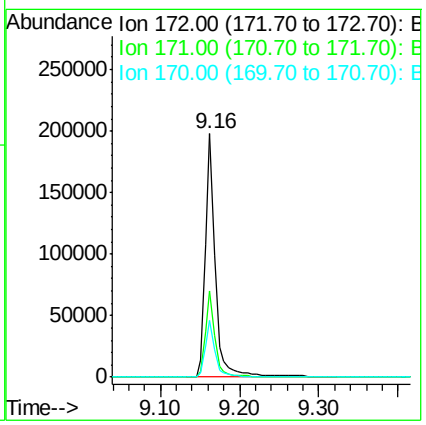


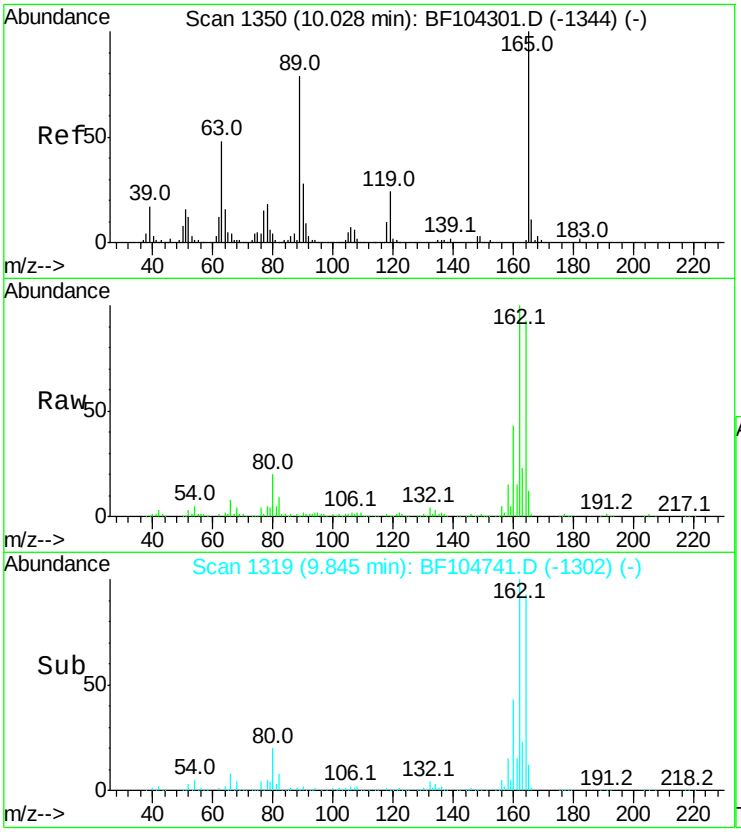


#44
2-Fluorobiphenyl
Concen: 16.709 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:172 Resp: 177733

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4



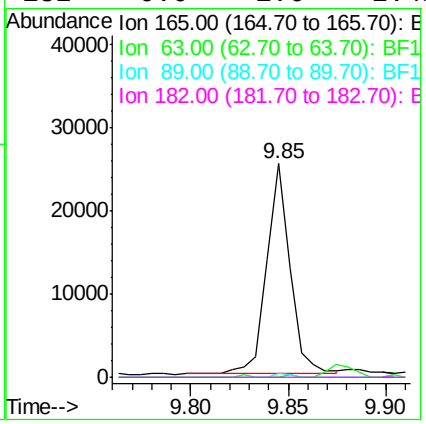


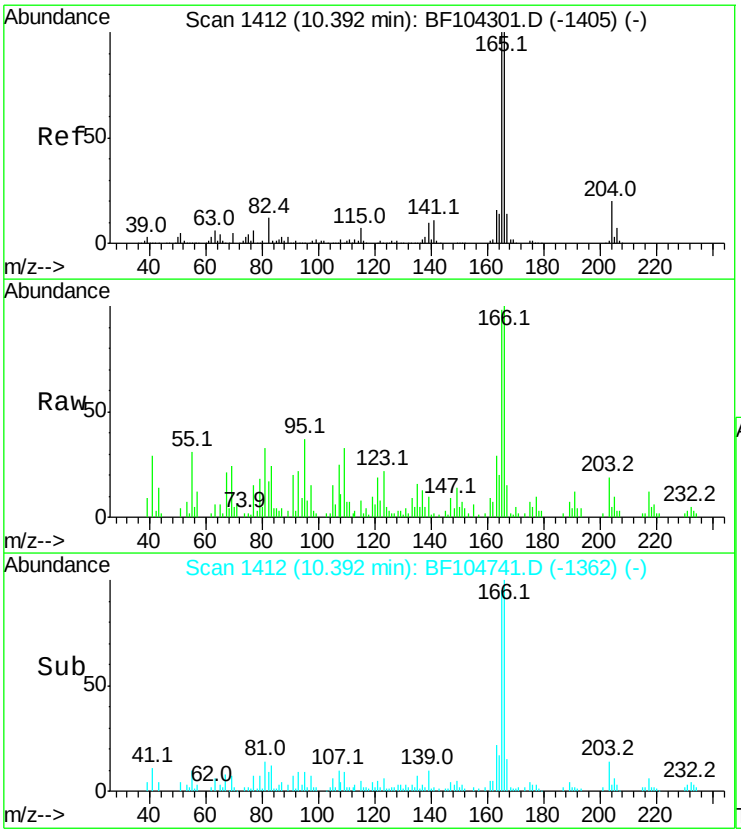
#56
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20822

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

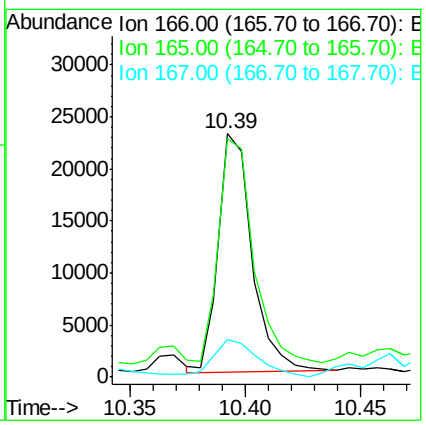


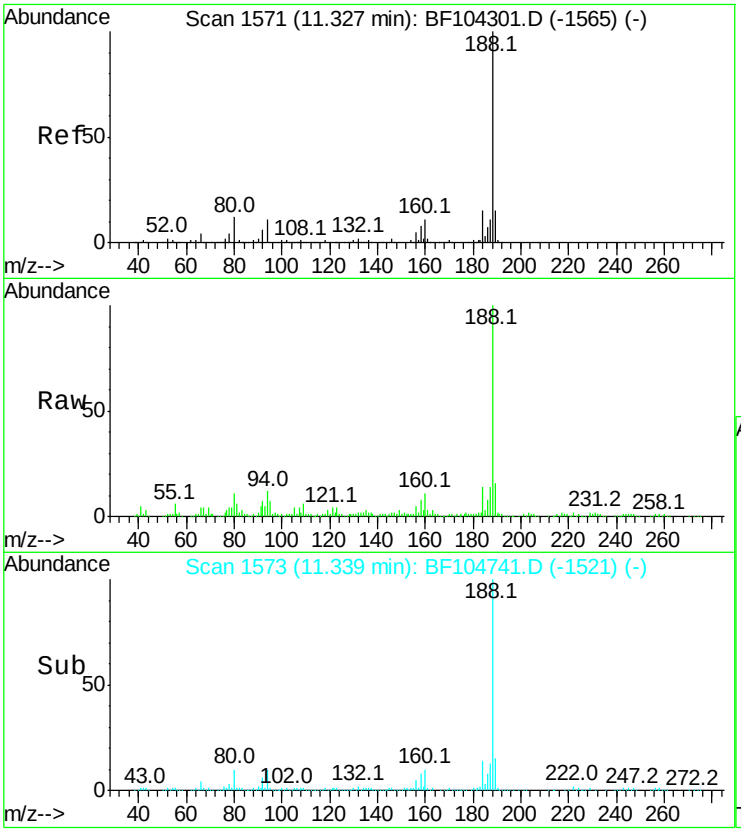


#57
Fluorene
Concen: 2.141 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:166 Resp: 23177

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	15.4	10.6	16.0



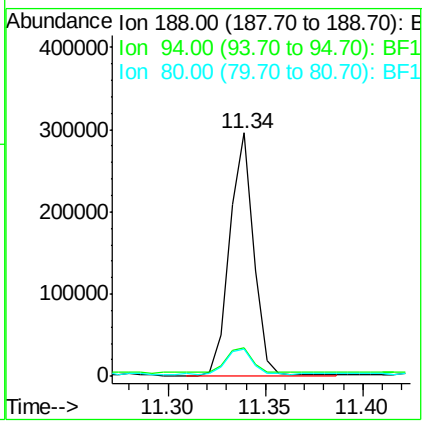


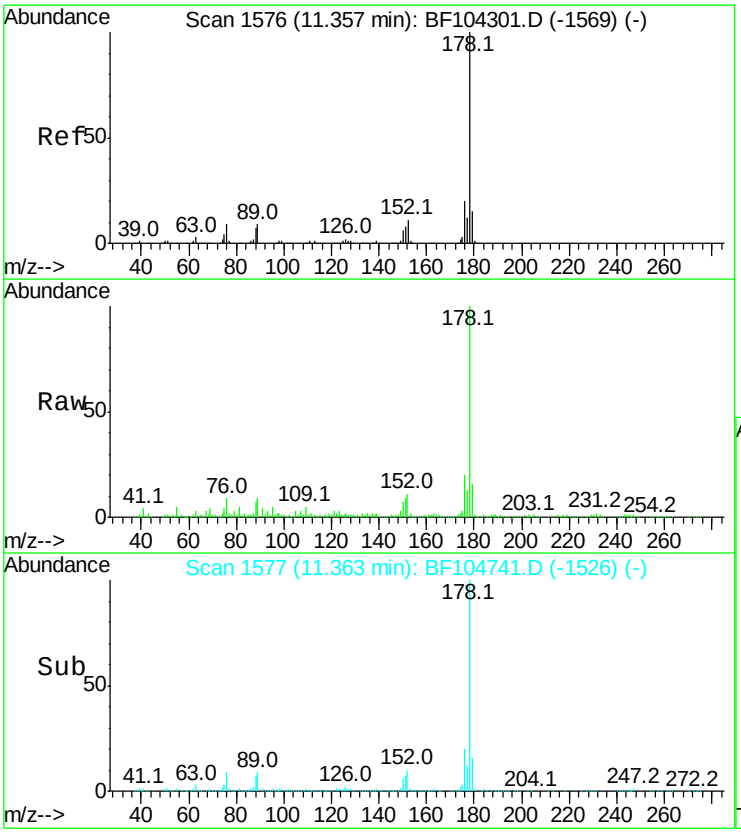
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 249885

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	11.1	9.2	13.8

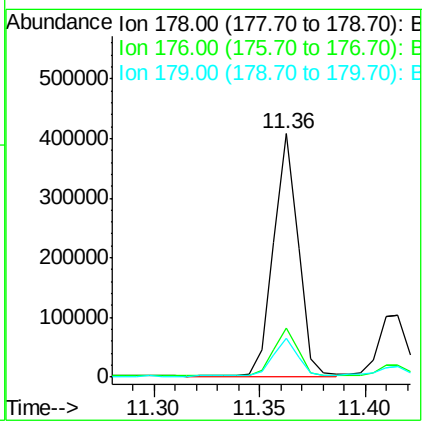


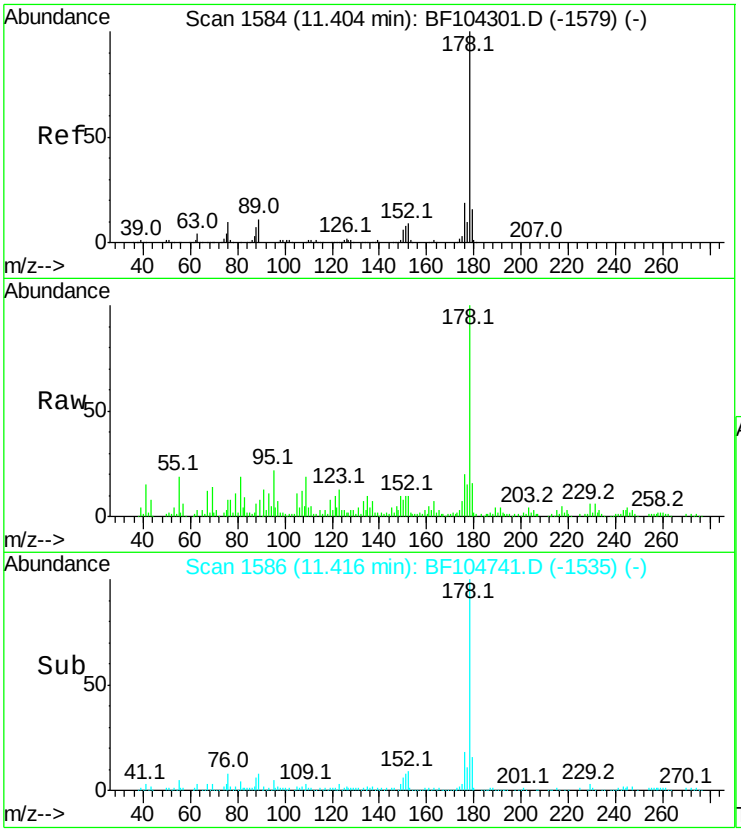


#70
Phenanthrene
Concen: 23.529 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:178 Resp: 327429

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6



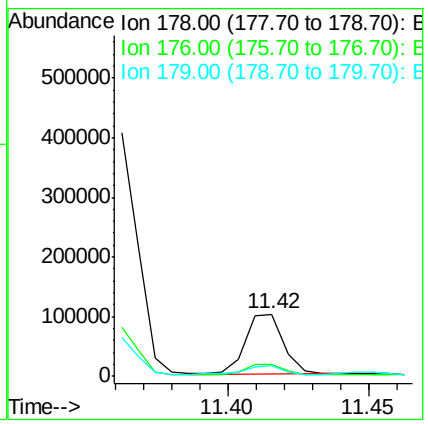


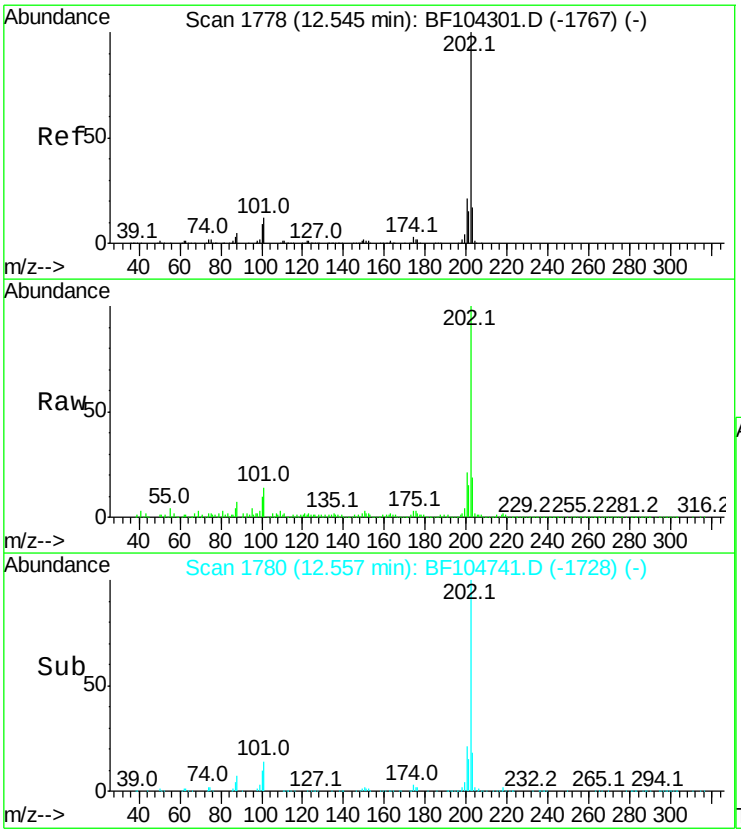
#71
Anthracene
Concen: 6.633 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 93823

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.5	12.6	19.0

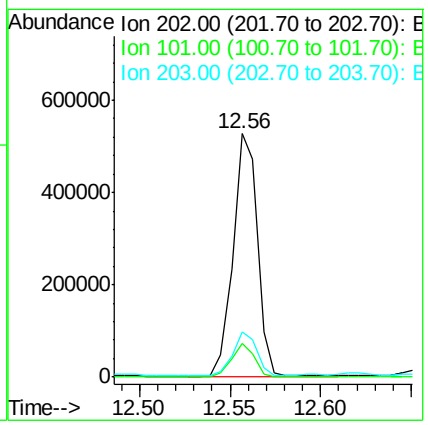


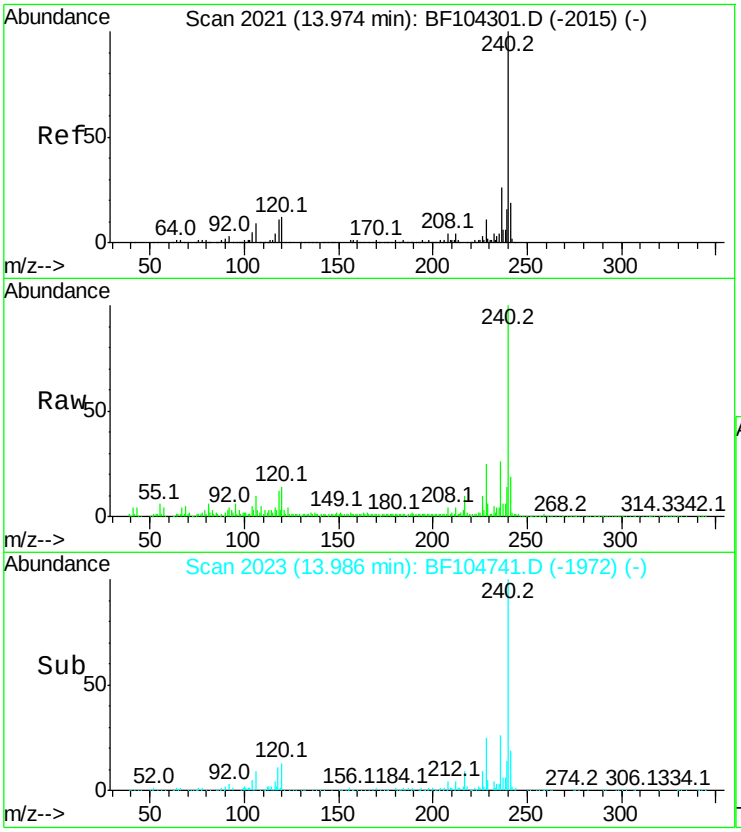


#74
Fluoranthene
Concen: 33.724 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:202 Resp: 490328

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	18.6	0.0	38.1



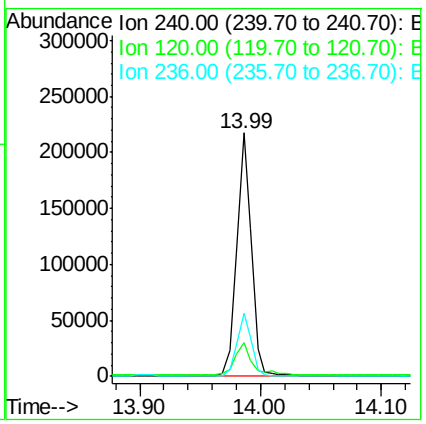


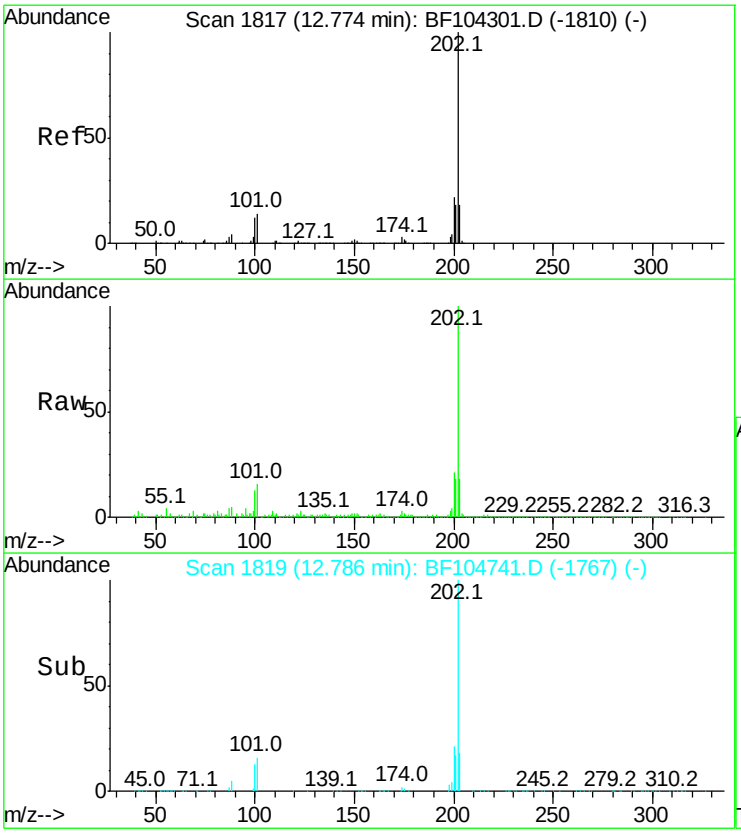
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 183605

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.0	20.7	31.1

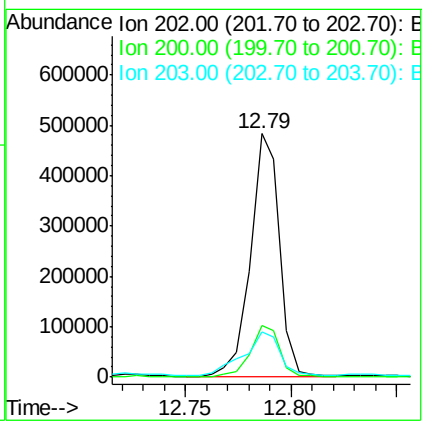


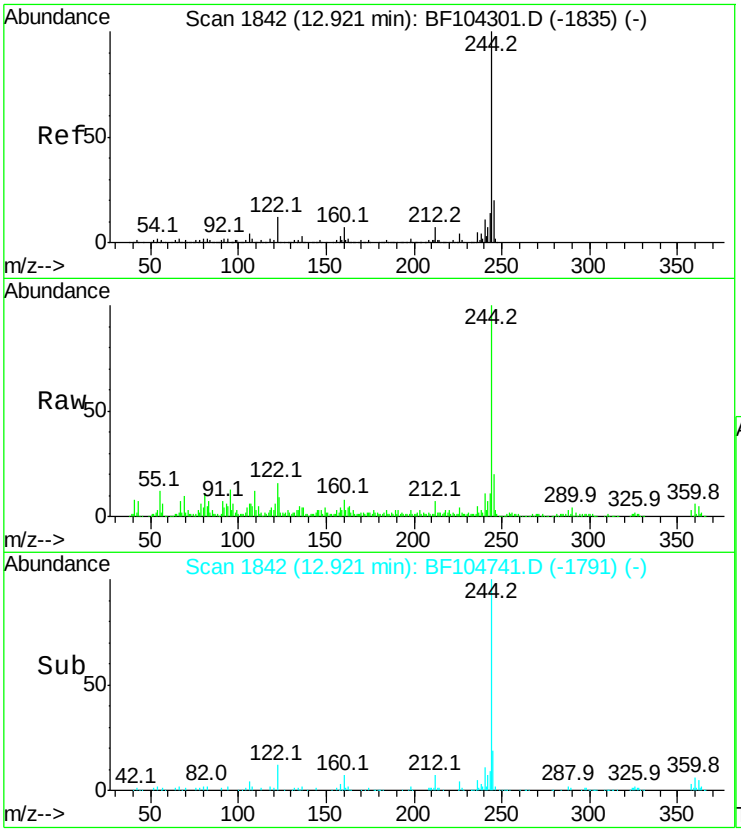


#77
Pyrene
Concen: 33.618 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:202 Resp: 457524

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.4	14.3	21.5



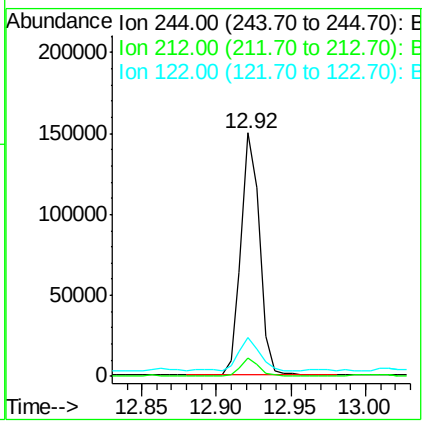


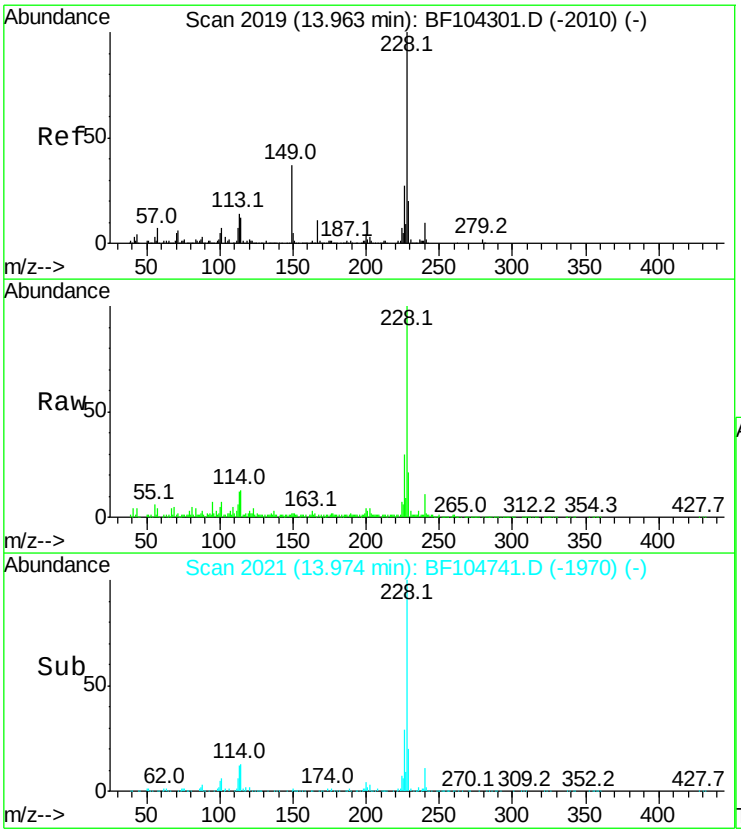
#78
Terphenyl-d14
Concen: 16.142 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 129995

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.9	11.0	16.4

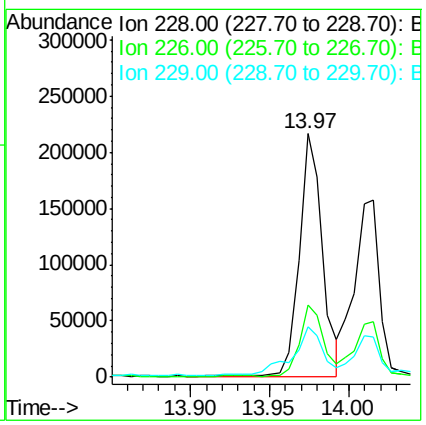


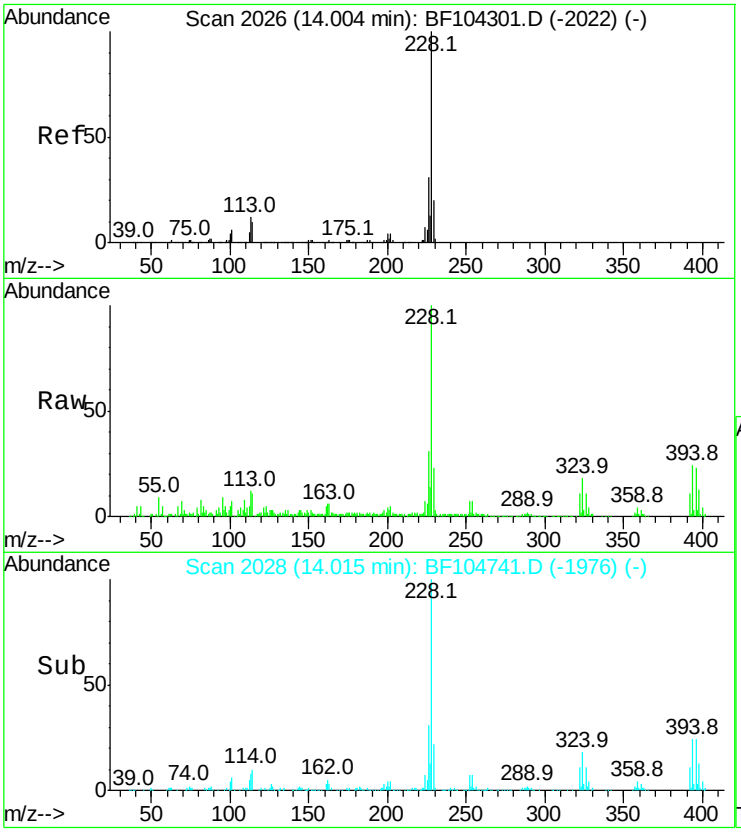


#80
Benzo(a)anthracene
Concen: 19.839 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:228 Resp: 217613

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.6	15.8	23.6



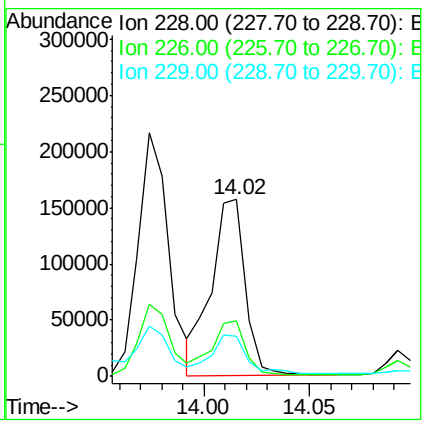


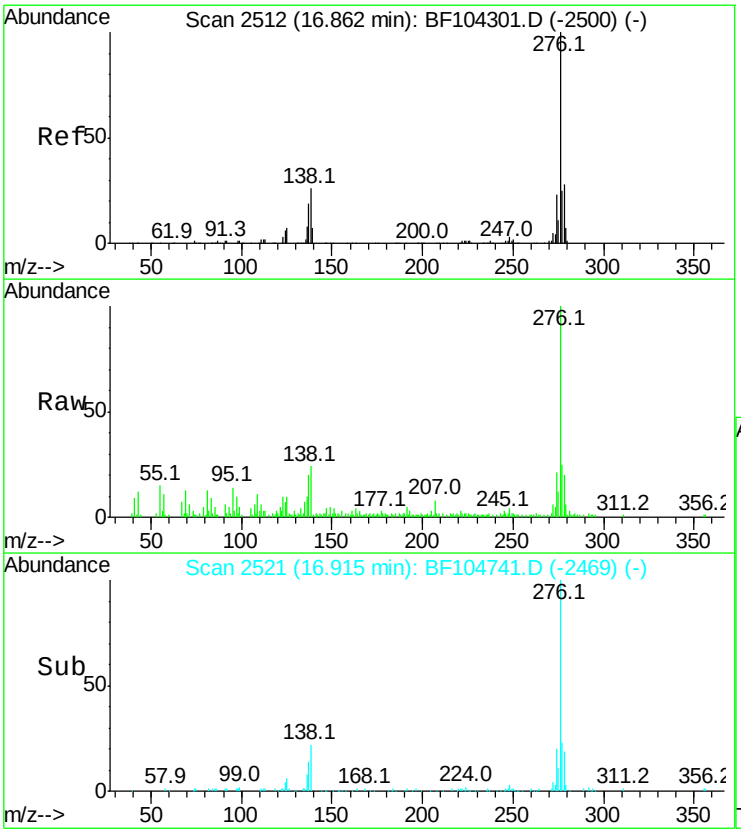
#82
Chrysene
Concen: 15.618 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 175959

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.9	16.2	24.4

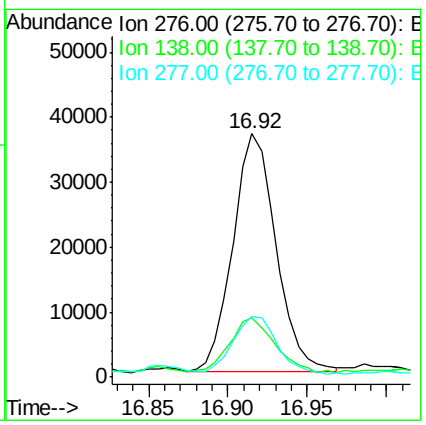


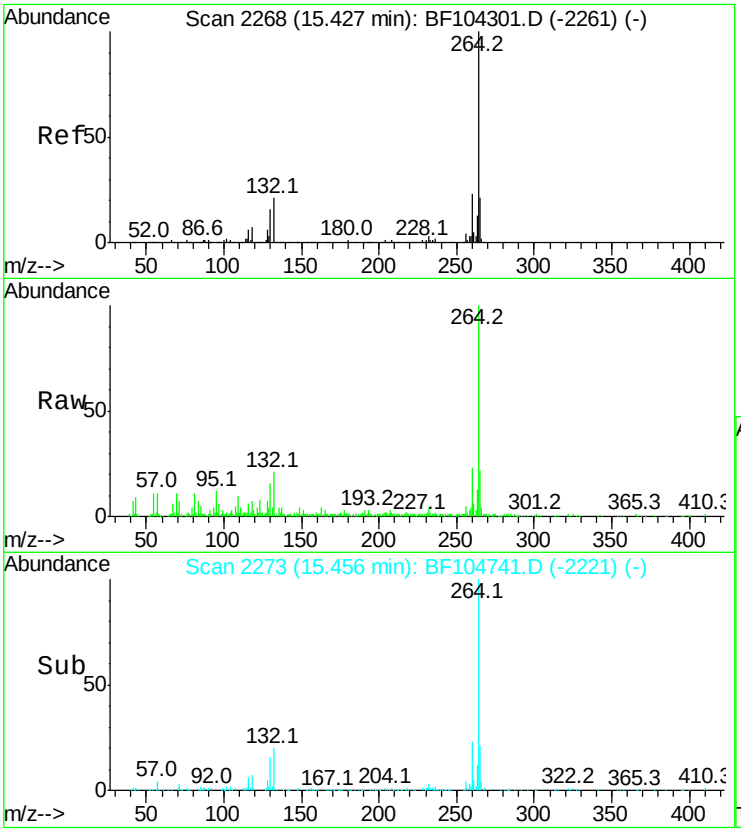


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.198 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:276 Resp: 68895

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.2	20.1	30.1



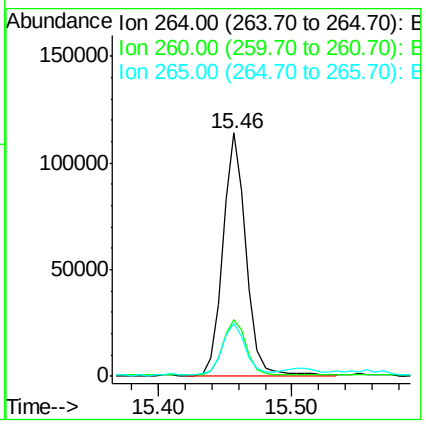


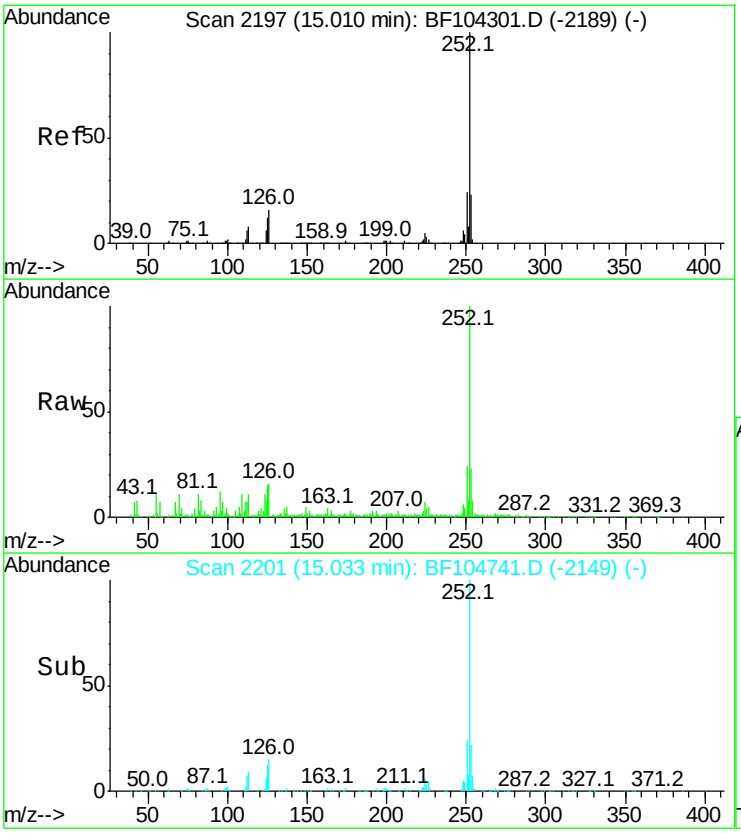
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 138484

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

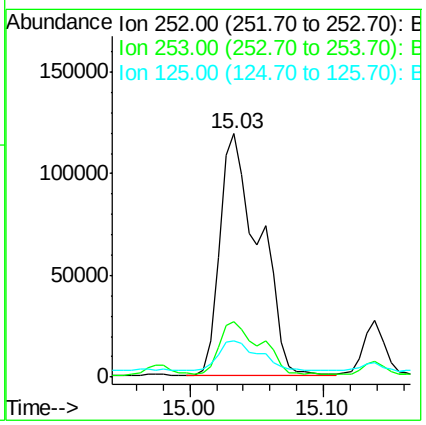


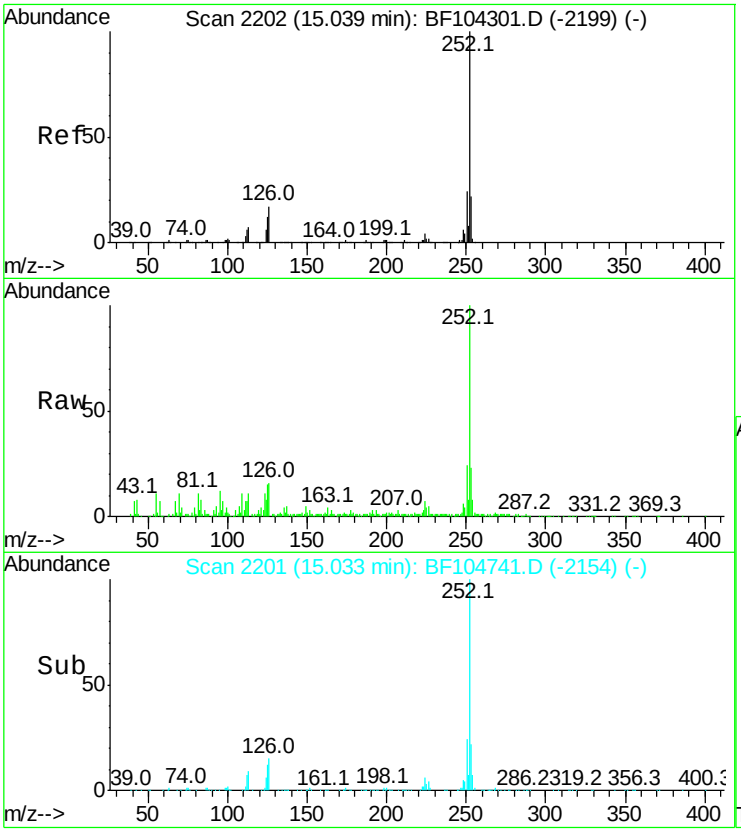


#87
Benzo(b)fluoranthene
Concen: 27.859 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:252 Resp: 243667

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.8	9.0	13.6#



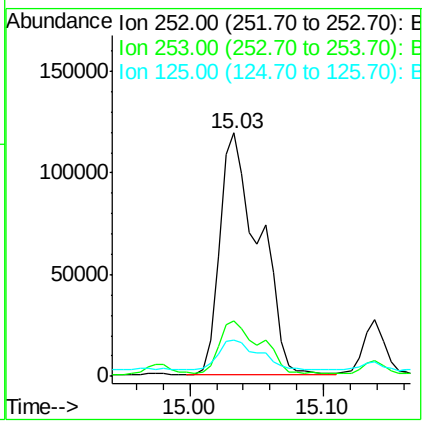


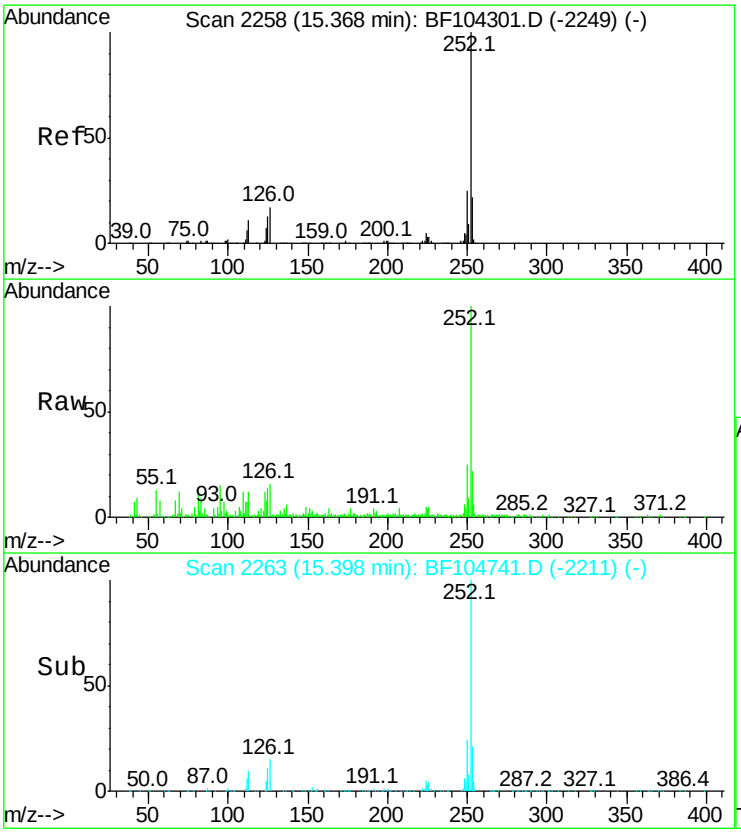
#88
Benzo(k)fluoranthene
Concen: 29.509 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 243667

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.8	10.2	15.2

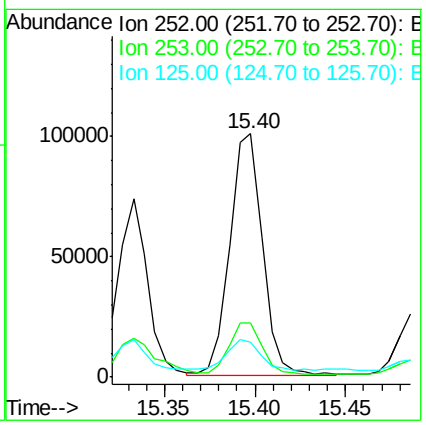


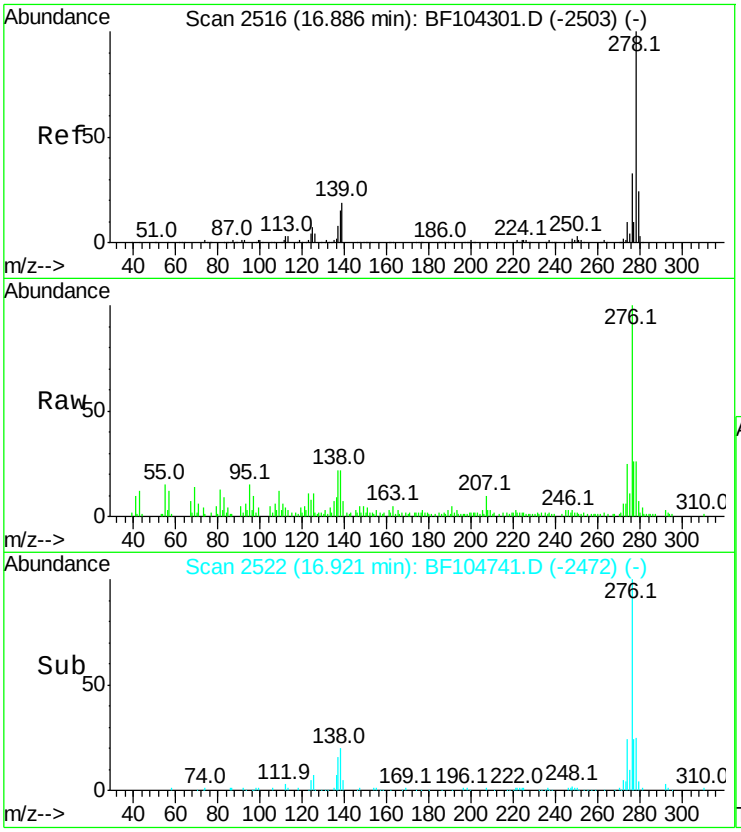


#89
Benzo(a)pyrene
Concen: 16.185 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:252 Resp: 126664

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.3	9.8	14.6



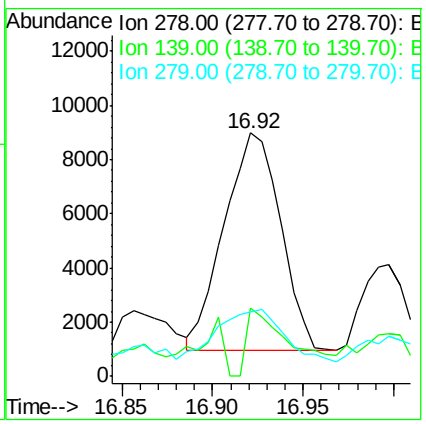


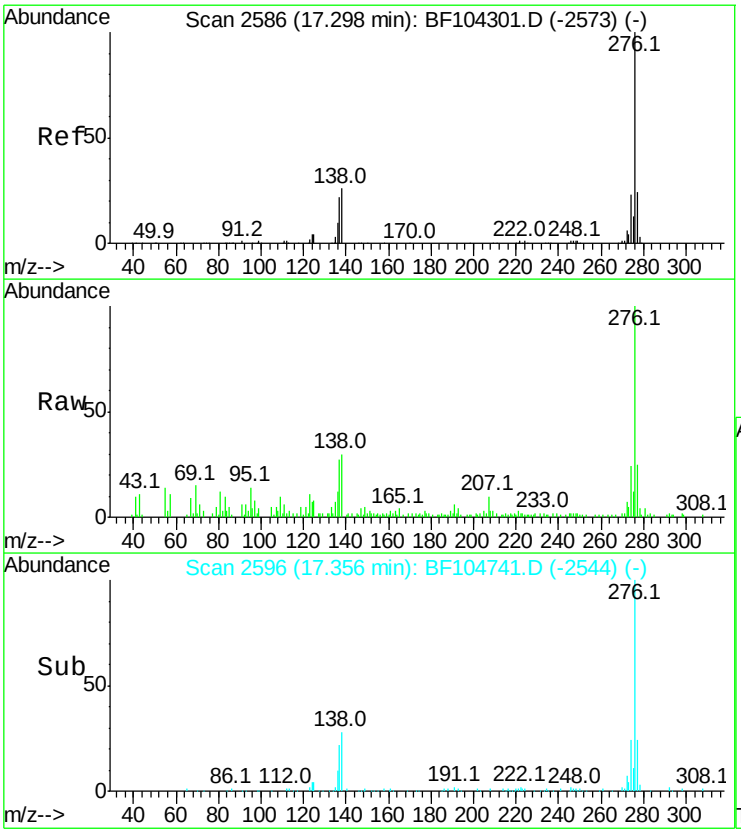
#90
Dibenzo(a,h)anthracene
Concen: 2.708 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 17403

Ion	Ratio	Lower	Upper
278	100		
139	28.1	15.9	23.9#
279	26.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.029 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.01 min
Lab File: BF104741.D
Acq: 24 Apr 2018 7:24

Tgt Ion:276 Resp: 68676

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	30.0	21.8	32.8