Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
Data File : BF104978.D
Acq On : 1 May 2018 12:48
Operator : JU/SJ
Sample : J2165-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 16:14:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121800	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	509052	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	230605	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	394366	20.00	ng		0.00
75) Chrysene-d12	13.96	240	248204	20.00	ng		-0.01
86) Perylene-d12	15.43	264	249756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	740305	92.94	ng		0.00
7) Phenol-d6	6.43	99	901465	92.11	ng		0.00
23) Nitrobenzene-d5	7.36	82	554388	71.11	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	229922	96.12	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	948910	65.00	ng		0.00
78) Terphenyl-d14	12.91	244	768185	70.56	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	71052	11.110	ng	#	72
25) Isophorone	7.36	82	554382	33.629	ng	#	64
49) Dimethylphthalate	9.54	163	119959	6.597	ng		100
56) 2,4-Dinitrotoluene	9.83	165	32439	7.349	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.62	198	300	7.479	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	14560	3.471	ng	#	1
70) Phenanthrene	11.34	178	265262	12.078	ng		98
71) Anthracene	11.39	178	51703	2.316	ng		99
74) Fluoranthene	12.53	202	346389	15.096	ng		98
76) Benzidine	12.90	184	10222	Below Cal			98
77) Pyrene	12.76	202	273440	14.863	ng		99
80) Benzo(a)anthracene	13.95	228	119680	8.071	ng		100
82) Chrysene	13.99	228	112052	7.357	ng		96
85) Indeno(1,2,3-cd)pyrene	16.88	276	57291	4.428	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	189296	12.000	ng		99
88) Benzo(k)fluoranthene	15.00	252	189296	12.711	ng		98
89) Benzo(a)pyrene	15.36	252	99575	7.055	ng		97
91) Benzo(g,h,i)perylene	17.33	276	55792	4.968	ng		92

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

Quantitation Report (Not Reviewed)

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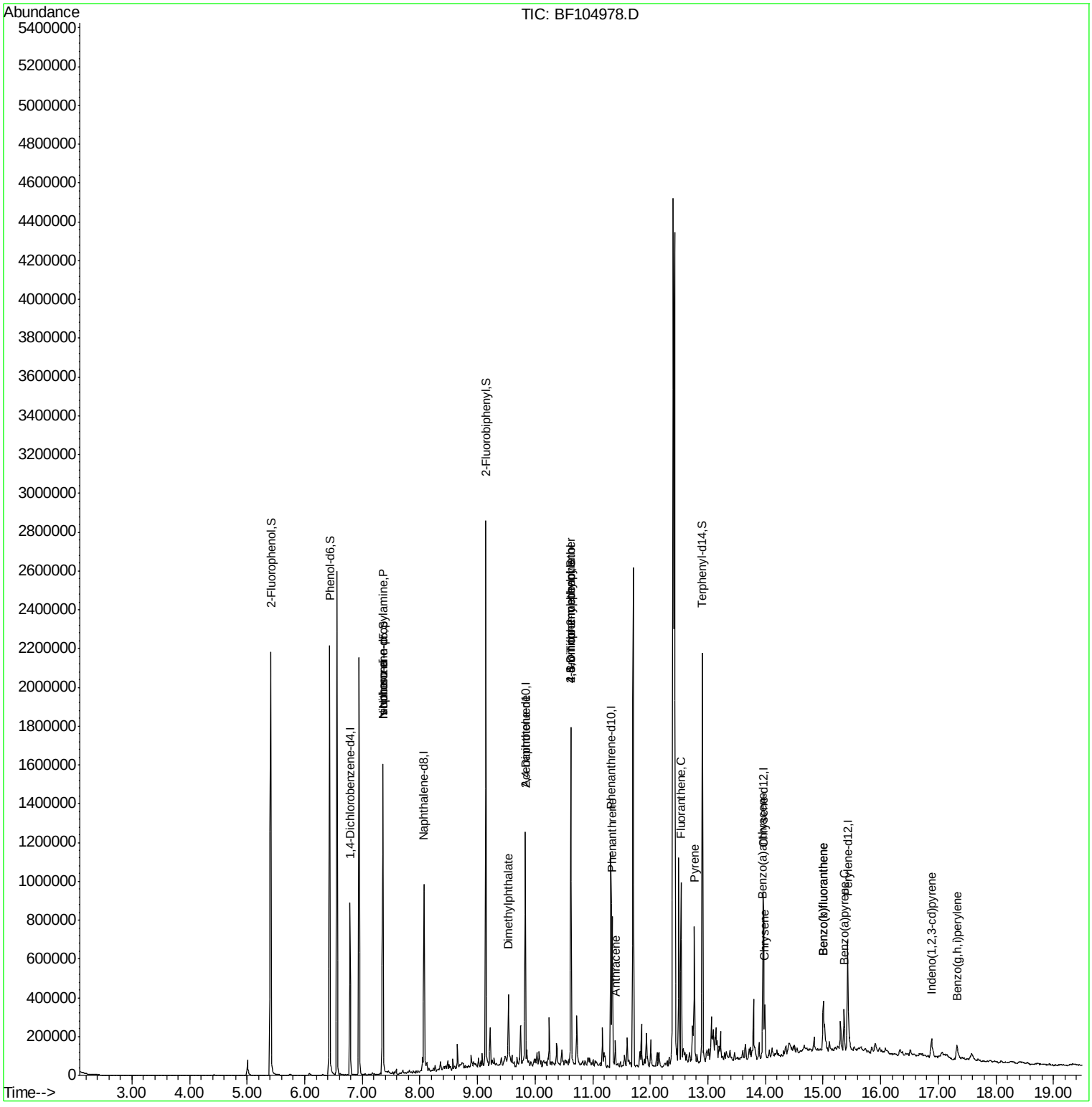
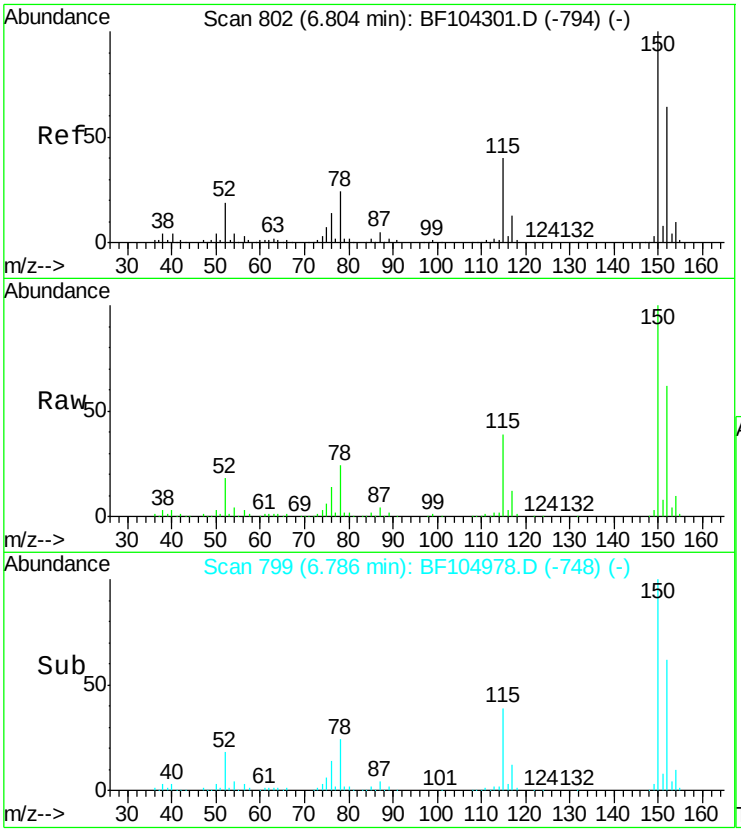


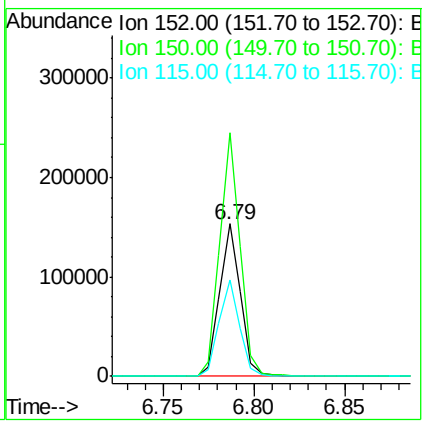


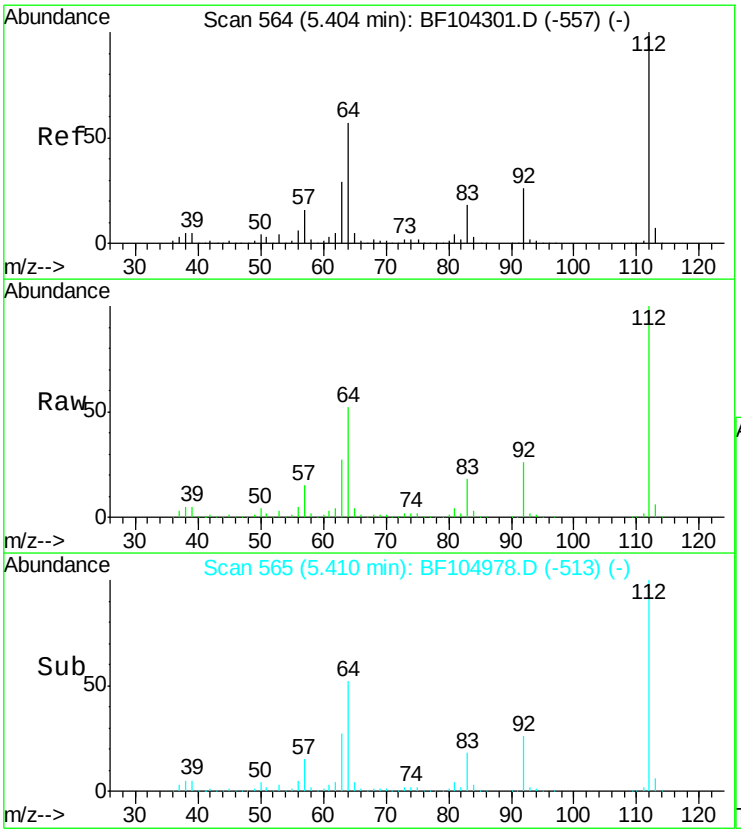
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121800

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	63.0	50.1	75.1

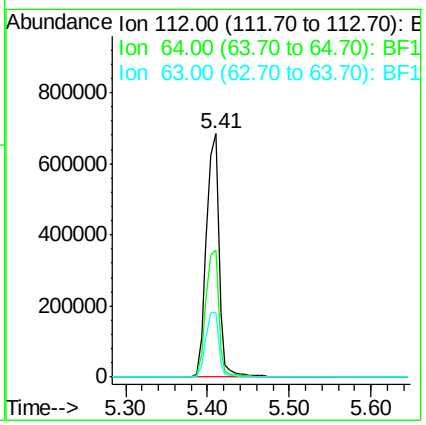


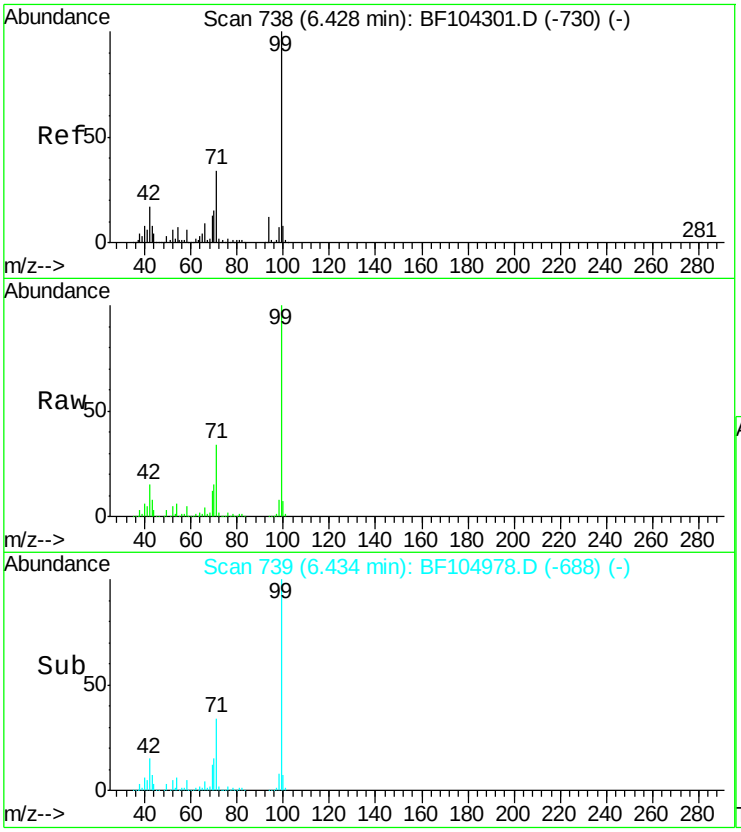


#5
2-Fluorophenol
Concen: 92.937 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:112 Resp: 740305

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.5	23.7	35.5



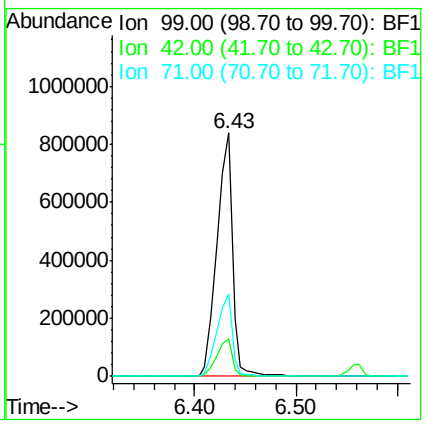


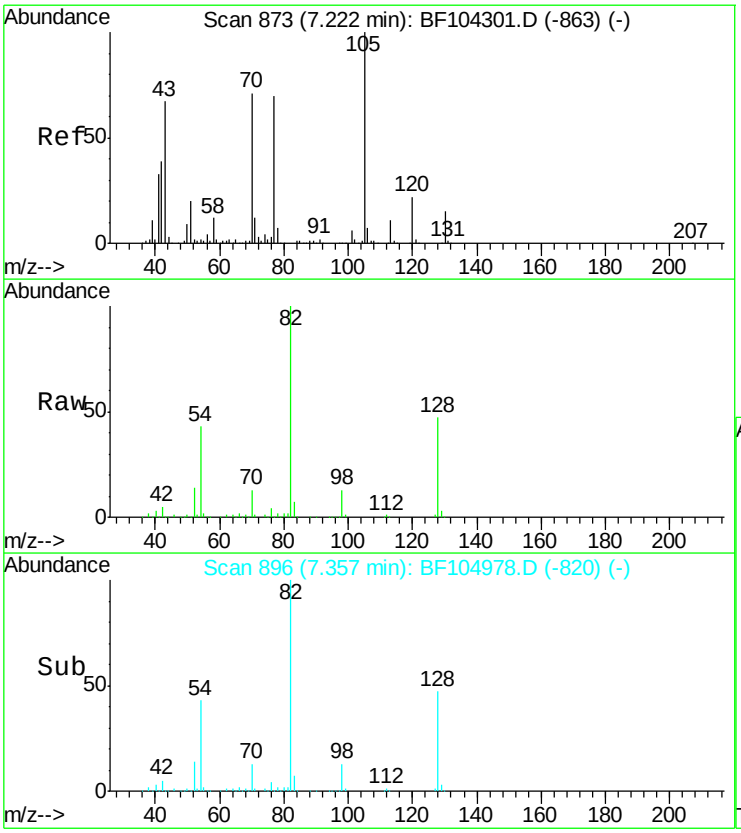
#7
Phenol-d6
Concen: 92.106 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 901465

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	33.9	25.4	38.0

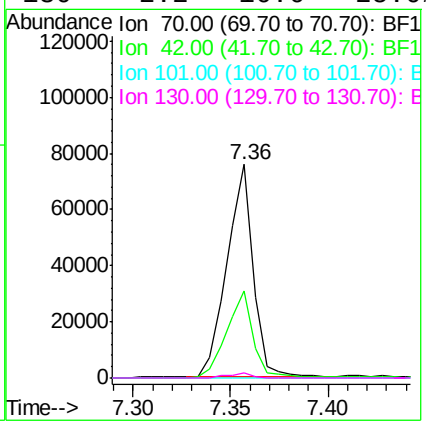


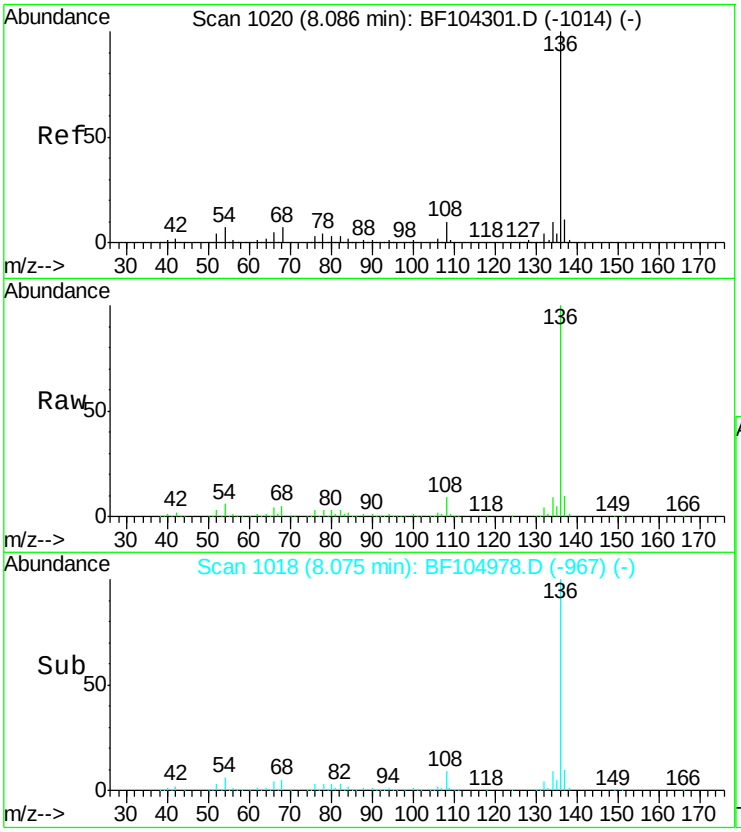


#19
n-Nitroso-di-n-propylamine
Concen: 11.110 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion: 70 Resp: 71052

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



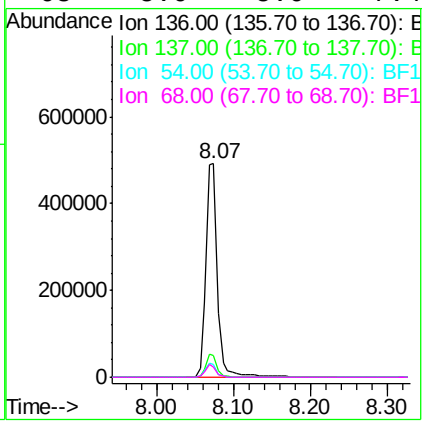


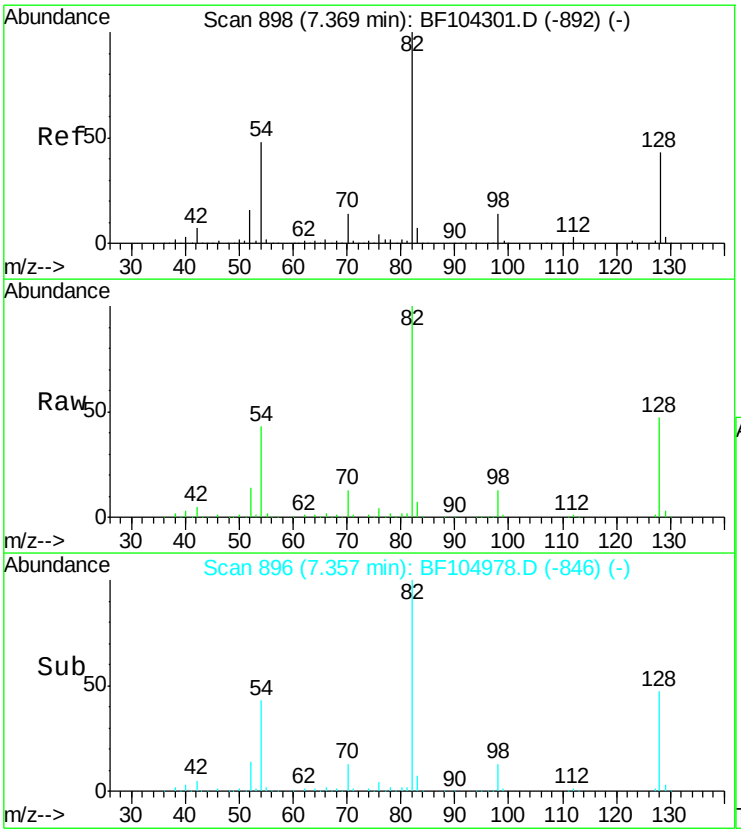
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 509052

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.7	6.6	9.8#
68	5.0	5.0	7.4

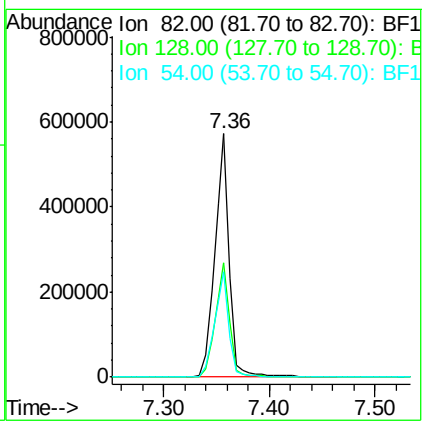


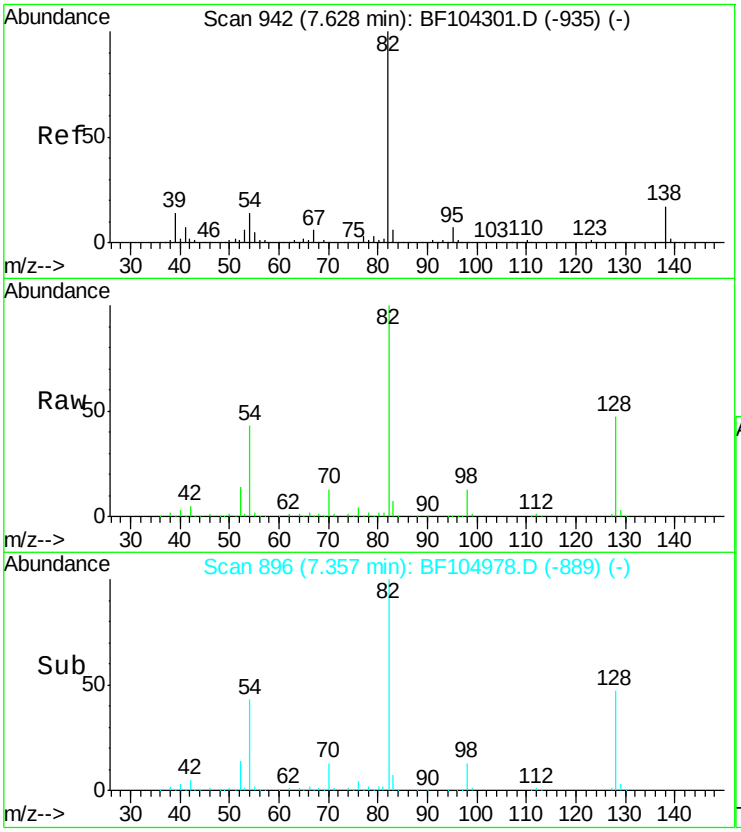


#23
Nitrobenzene-d5
Concen: 71.113 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion: 82 Resp: 554388

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	43.4	41.4	62.2



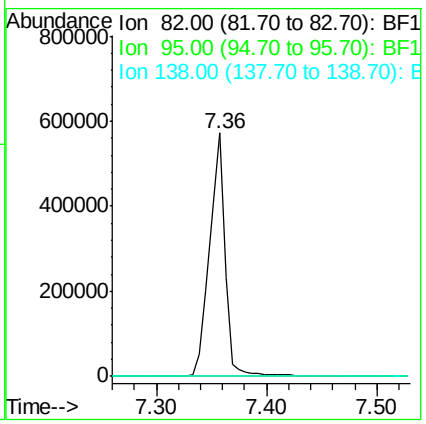


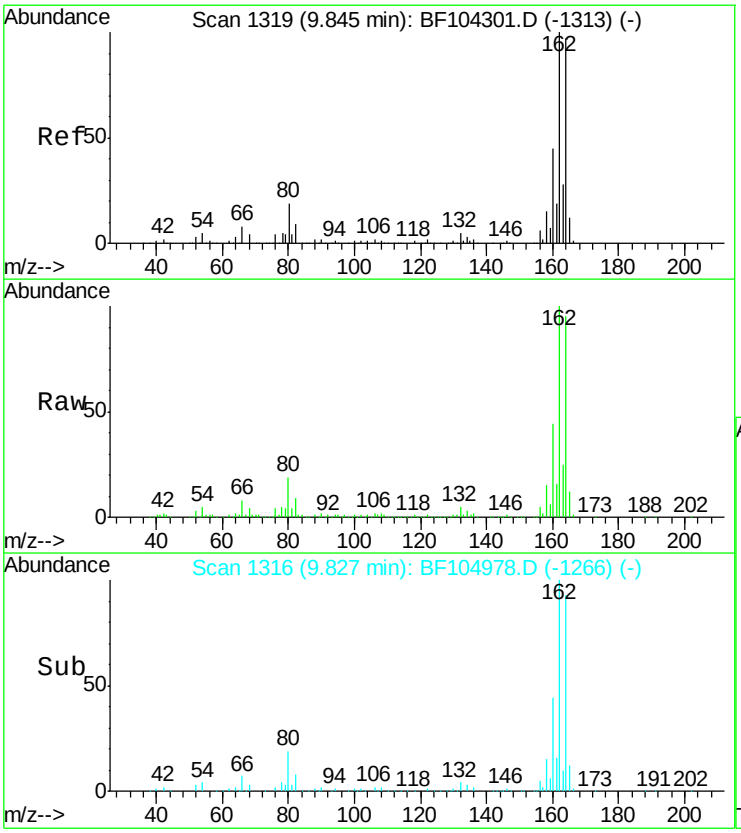
#25
Isophorone
Concen: 33.629 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 554382

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

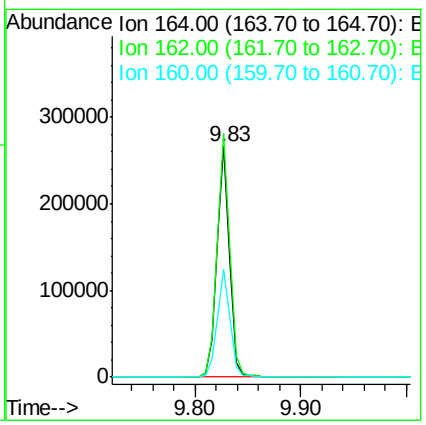


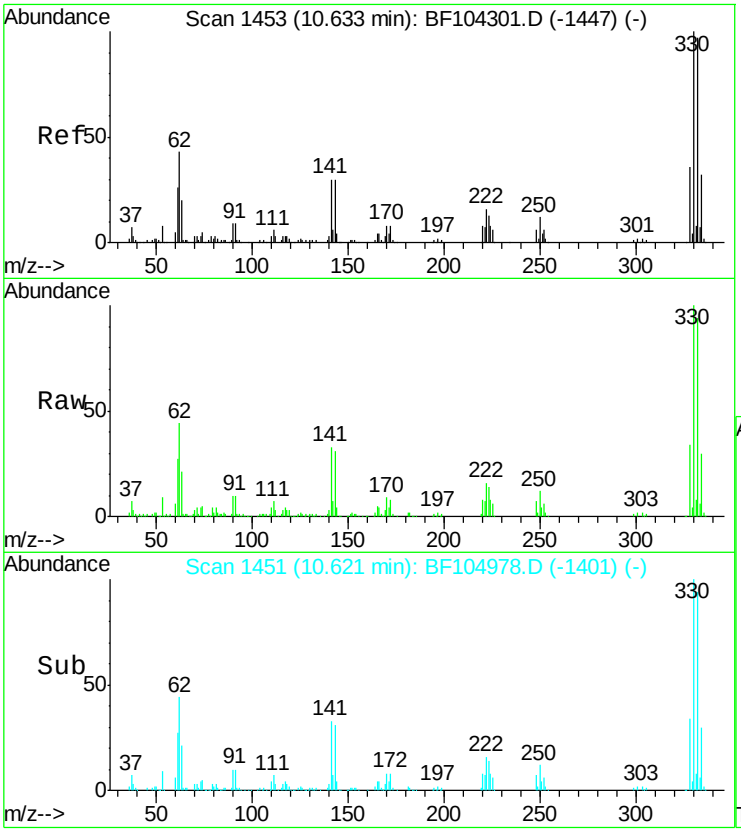


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:164 Resp: 230605

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.7	38.3	57.5



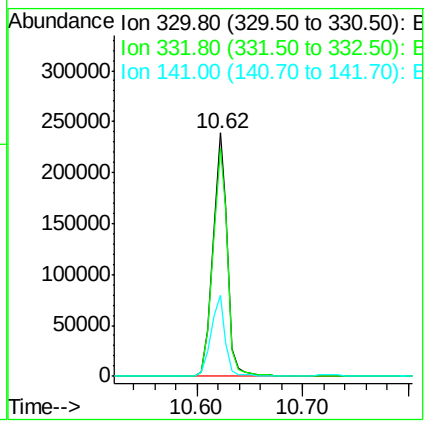


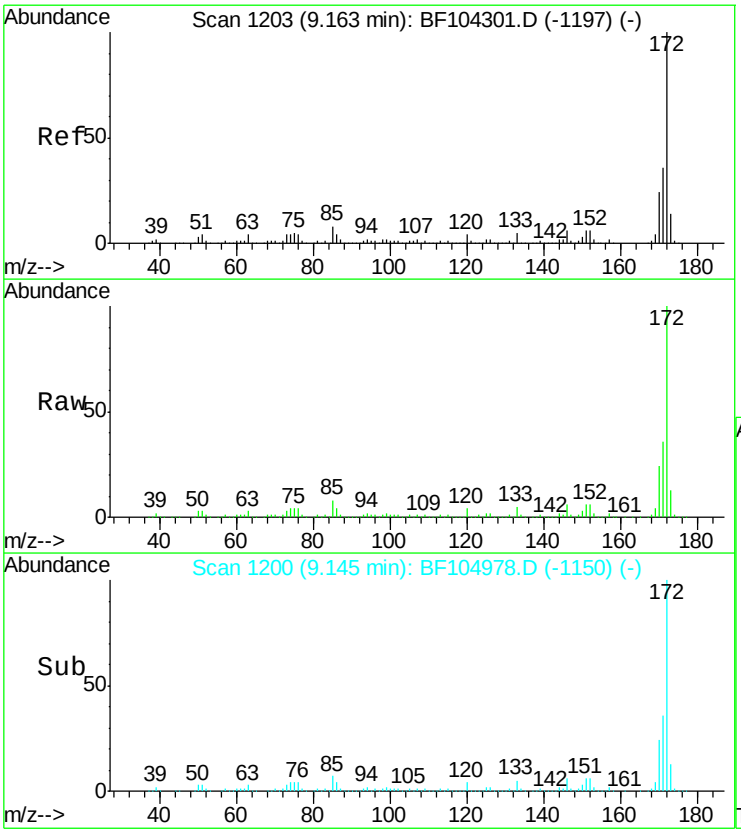
#41
2,4,6-Tribromophenol
Concen: 96.116 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 229922

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.1	29.9	44.9

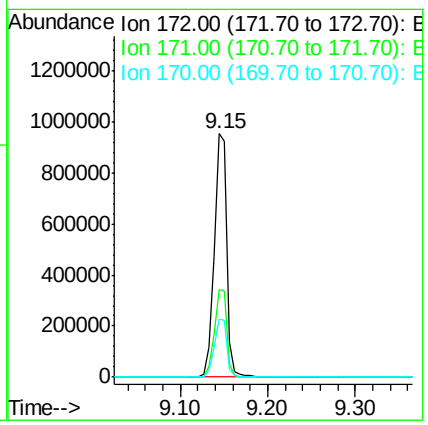


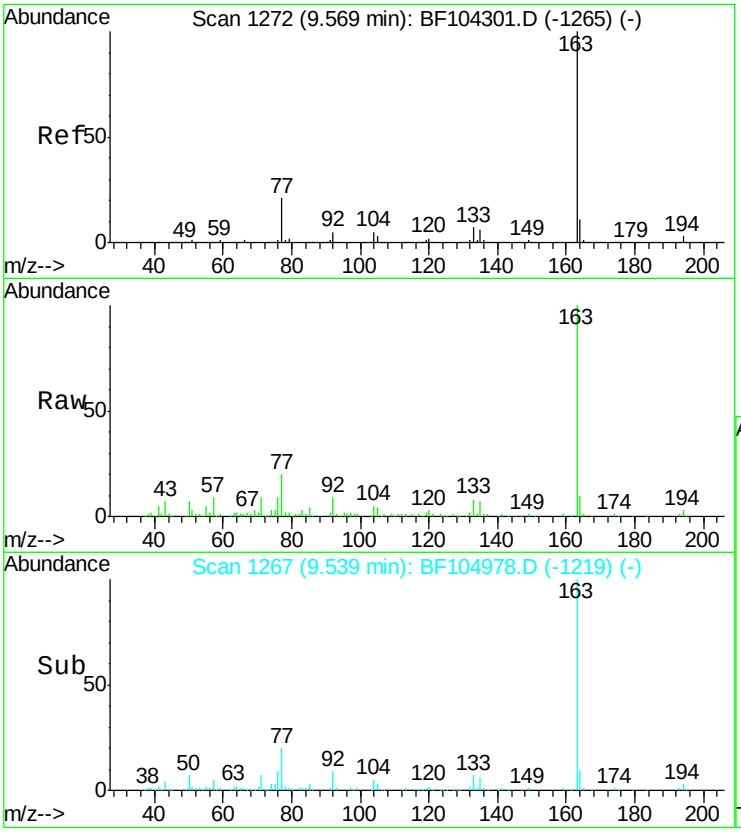


#44
2-Fluorobiphenyl
Concen: 65.005 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:172 Resp: 948910

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



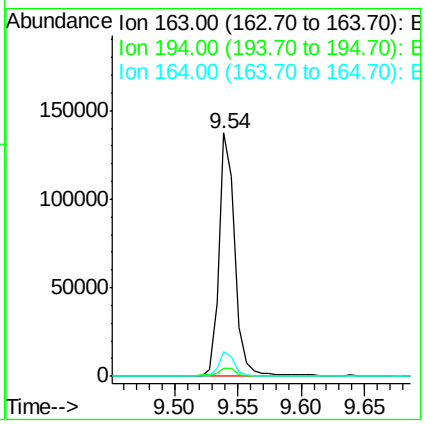


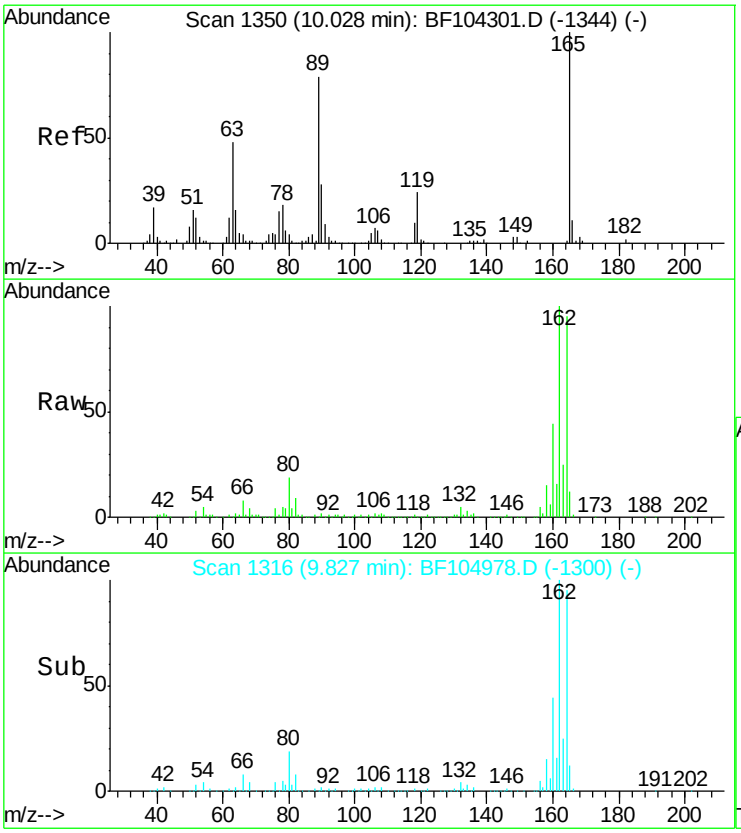
#49
Dimethylphthalate
Concen: 6.597 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 119959

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

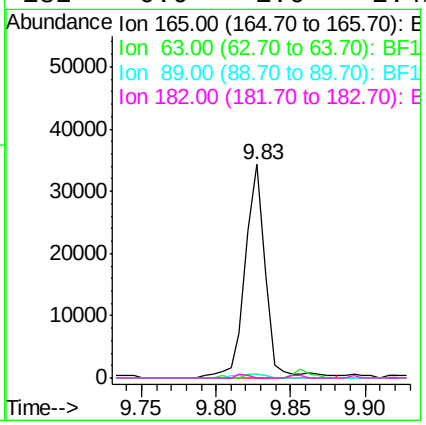


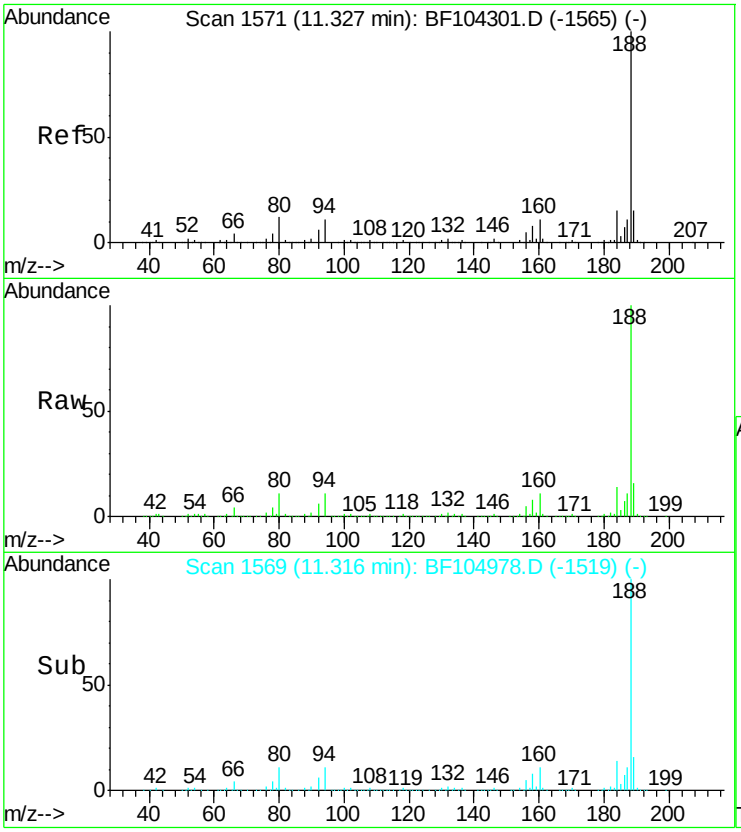


#56
2,4-Dinitrotoluene
Concen: 7.349 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:165 Resp: 32439

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



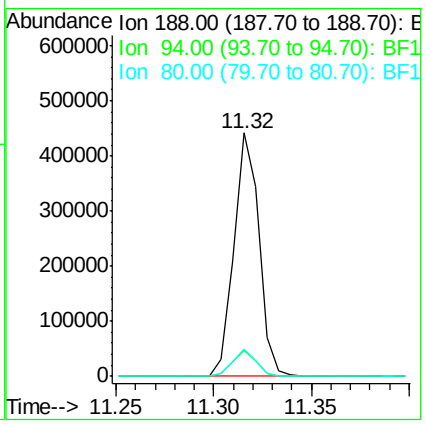


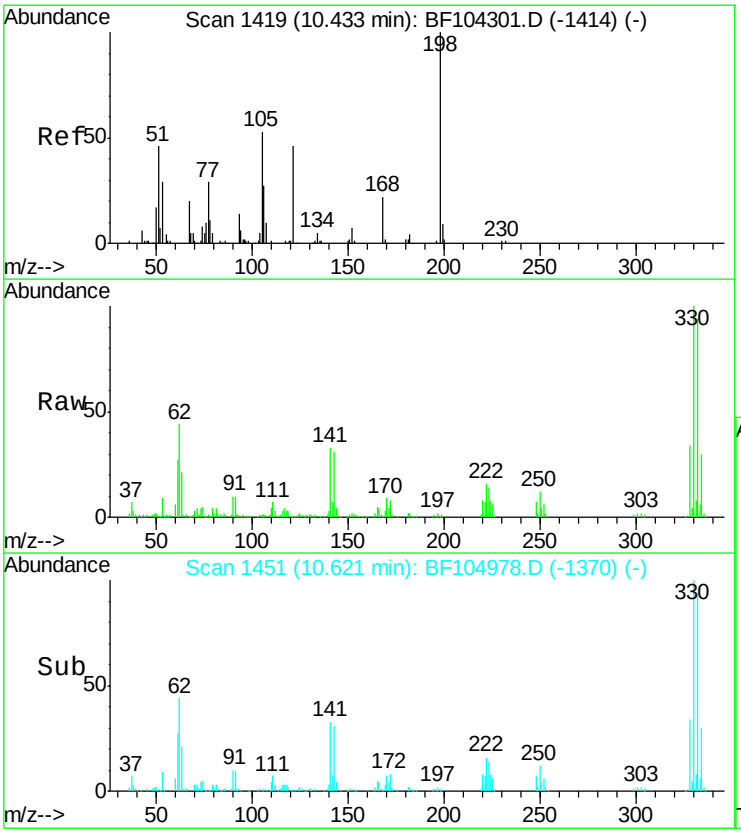
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 394366

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8

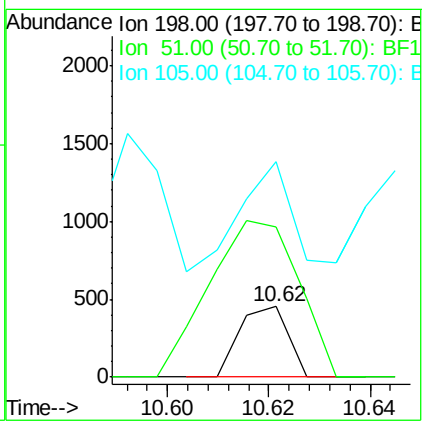


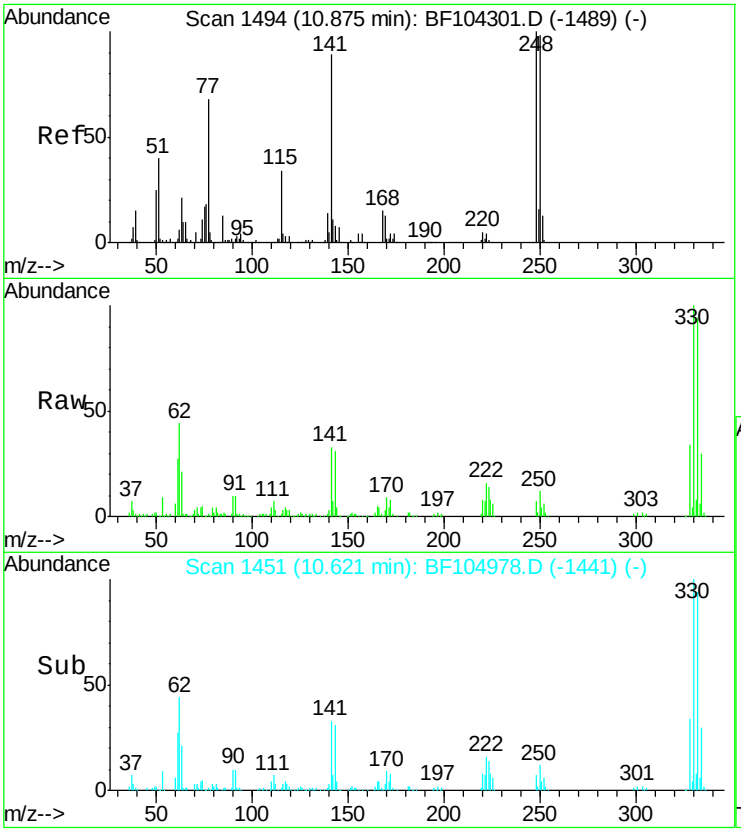


#64
4,6-Dinitro-2-methylphenol
Concen: 7.479 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	212.6	37.7	77.7#
105	305.8	36.3	76.3#



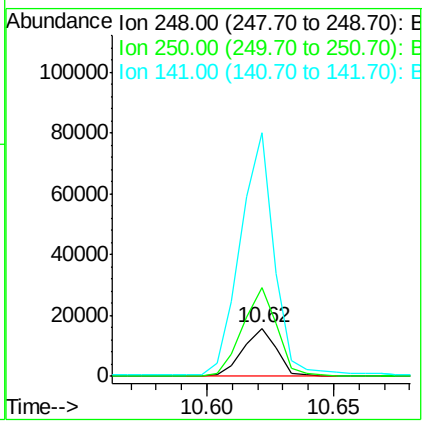


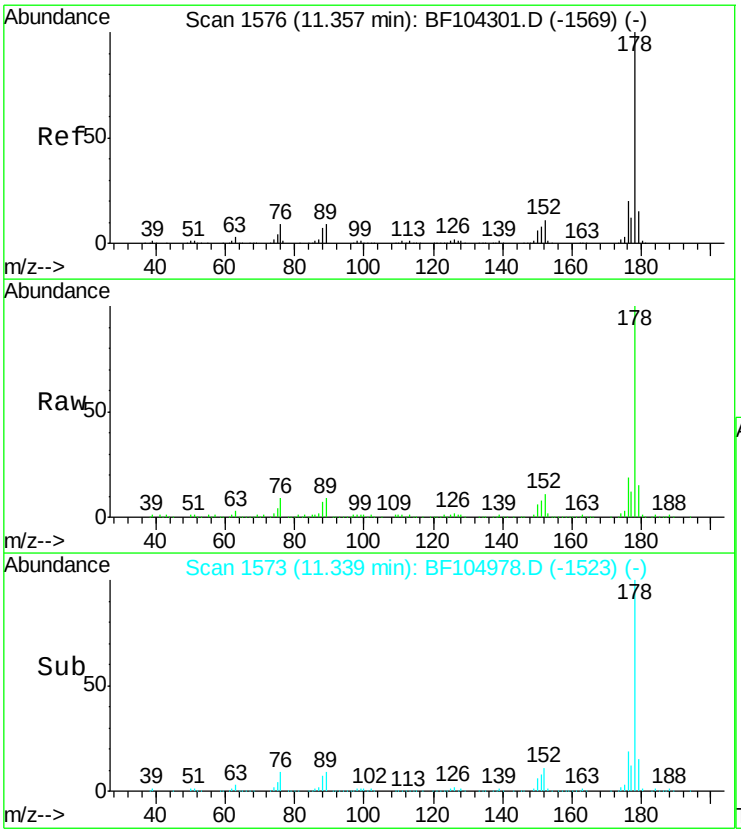
#66
4-Bromophenyl-phenylether
Concen: 3.471 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14560

Ion	Ratio	Lower	Upper
248	100		
250	183.6	76.9	115.3#
141	506.8	74.4	111.6#

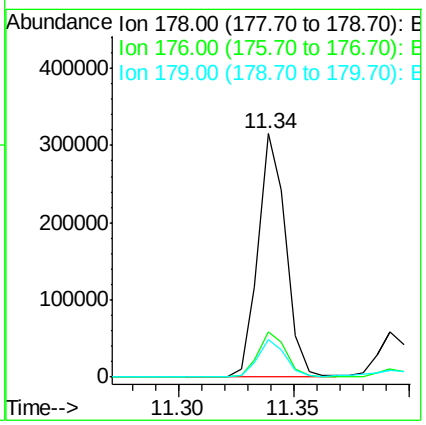


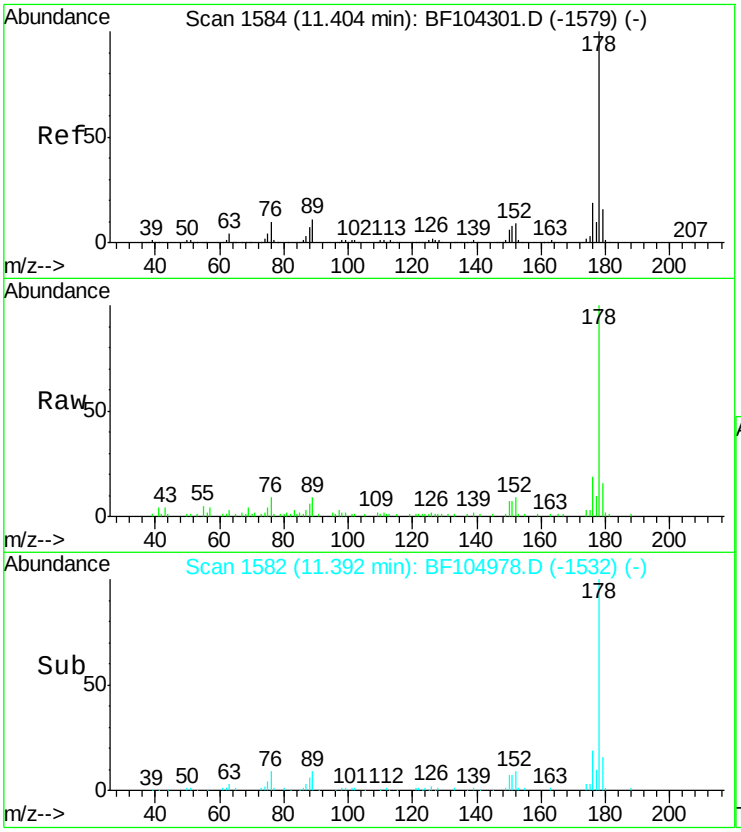


#70
Phenanthrene
Concen: 12.078 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:178 Resp: 265262

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6



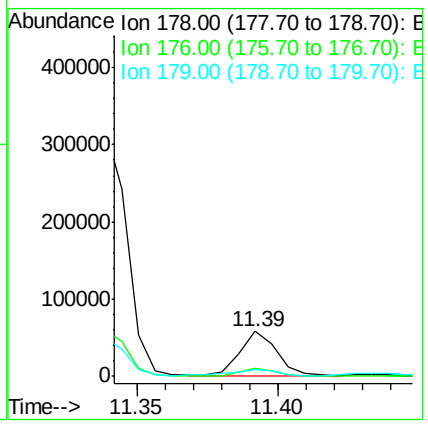


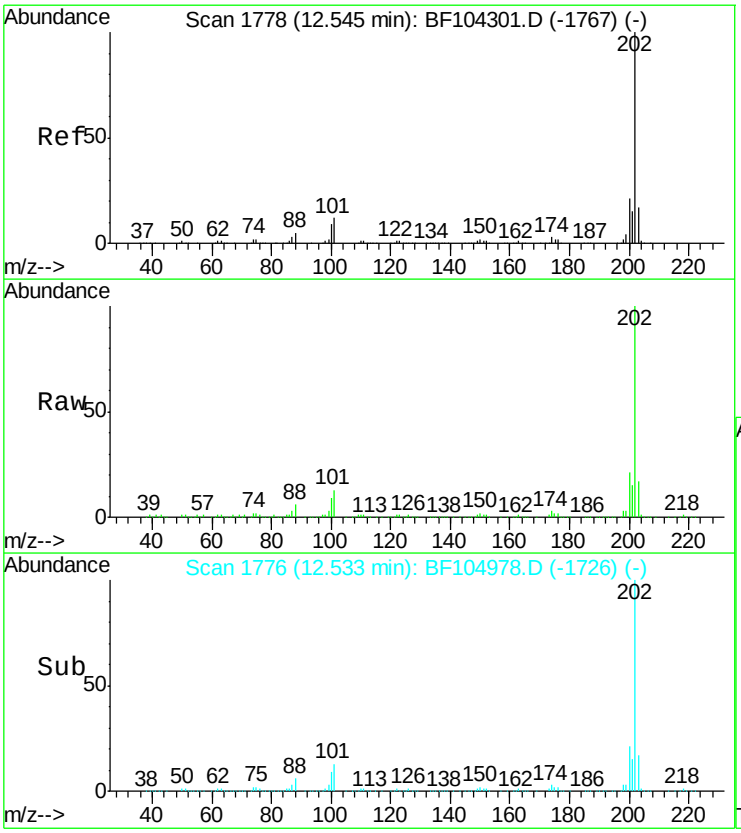
#71
Anthracene
Concen: 2.316 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 51703

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	19.0

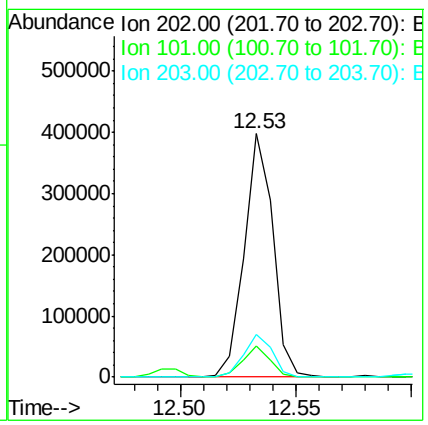


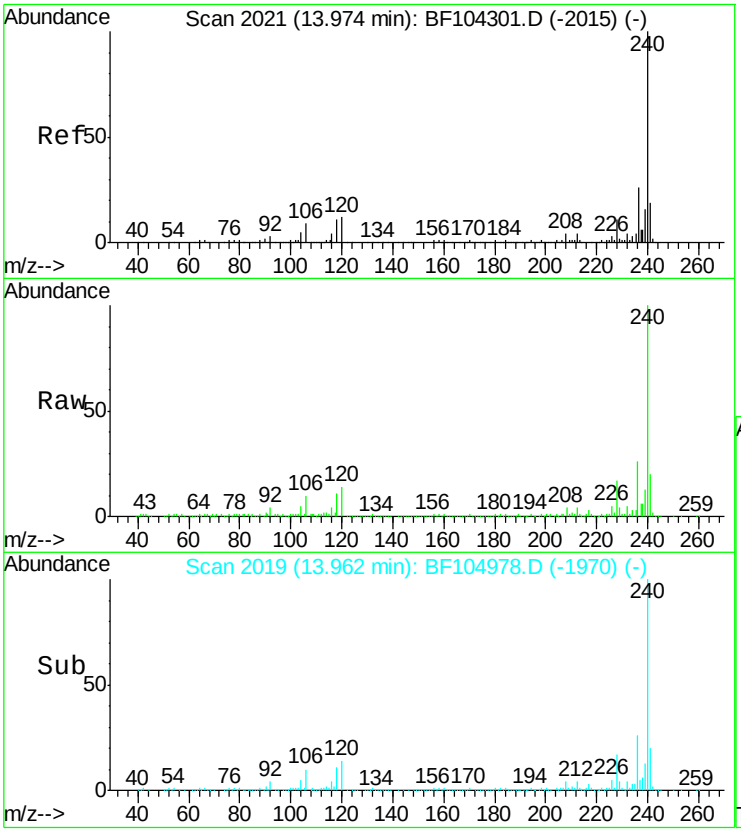


#74
Fluoranthene
Concen: 15.096 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:202 Resp: 346389

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.5	0.0	38.1



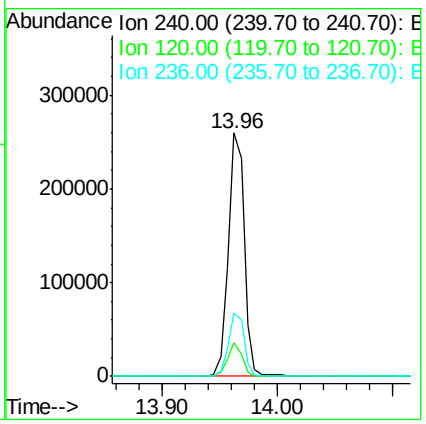


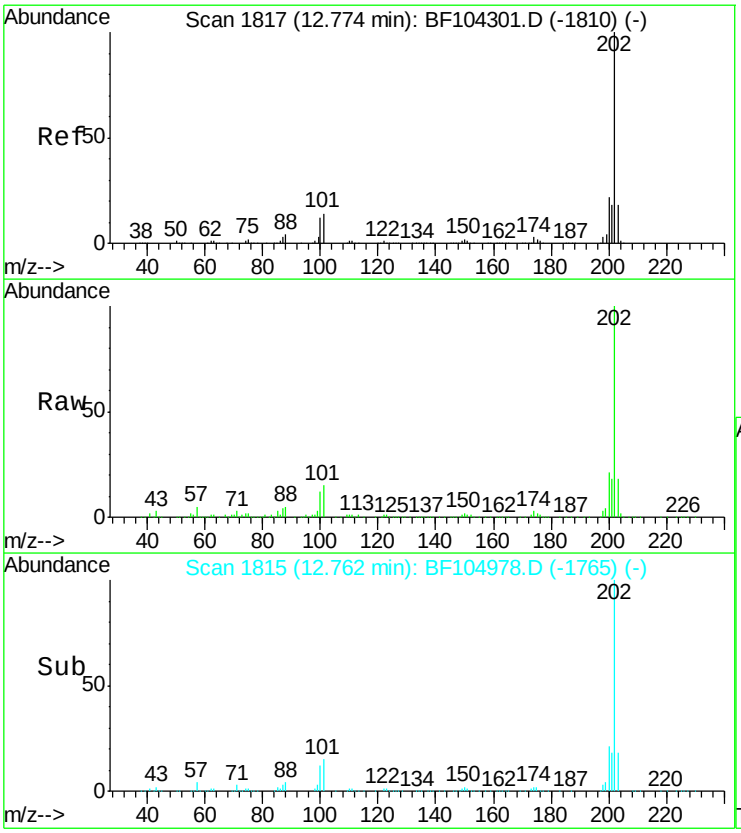
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 248204

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

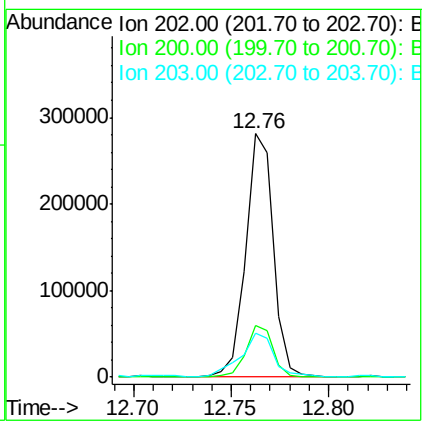


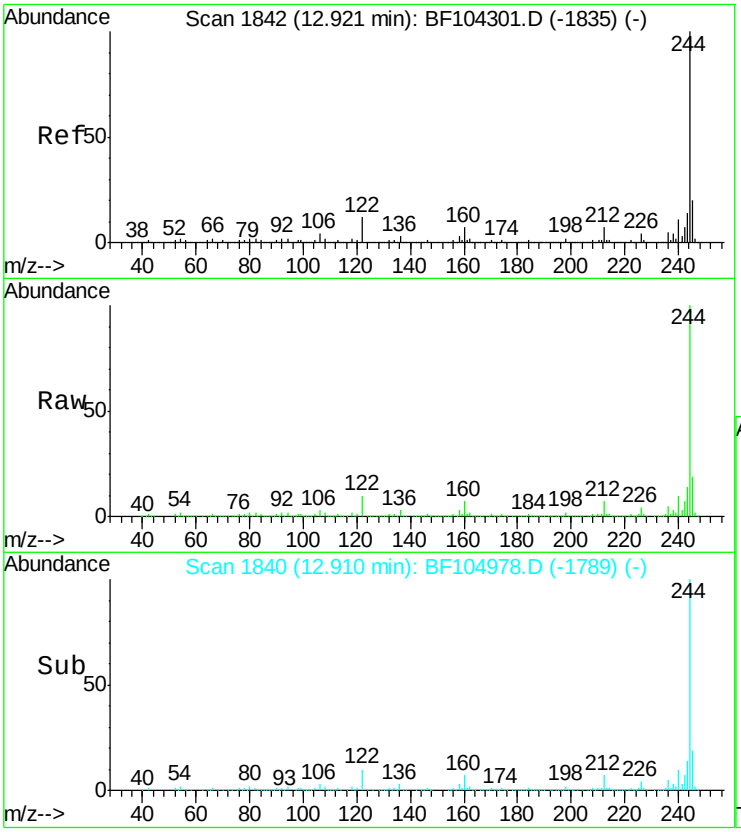


#77
Pyrene
Concen: 14.863 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:202 Resp: 273440

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5



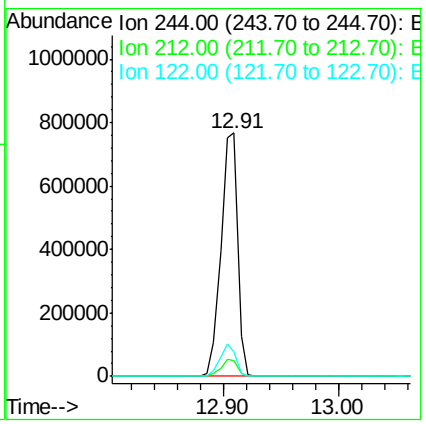


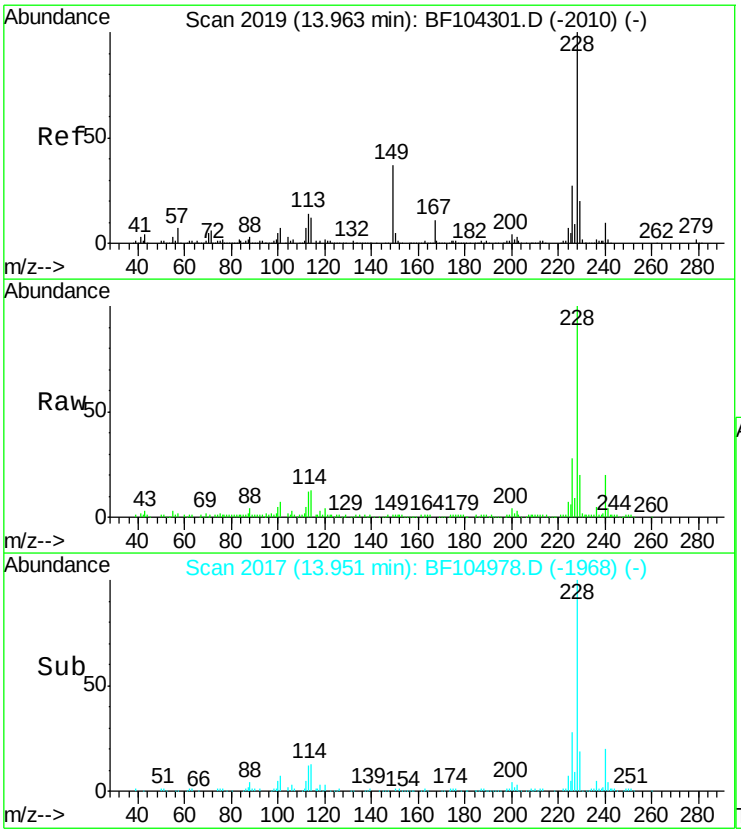
#78
Terphenyl-d14
Concen: 70.560 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 768185

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	11.0	16.4#

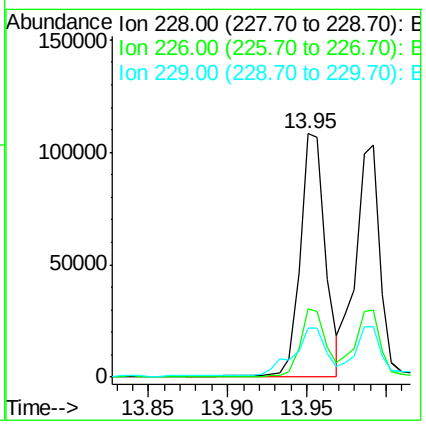


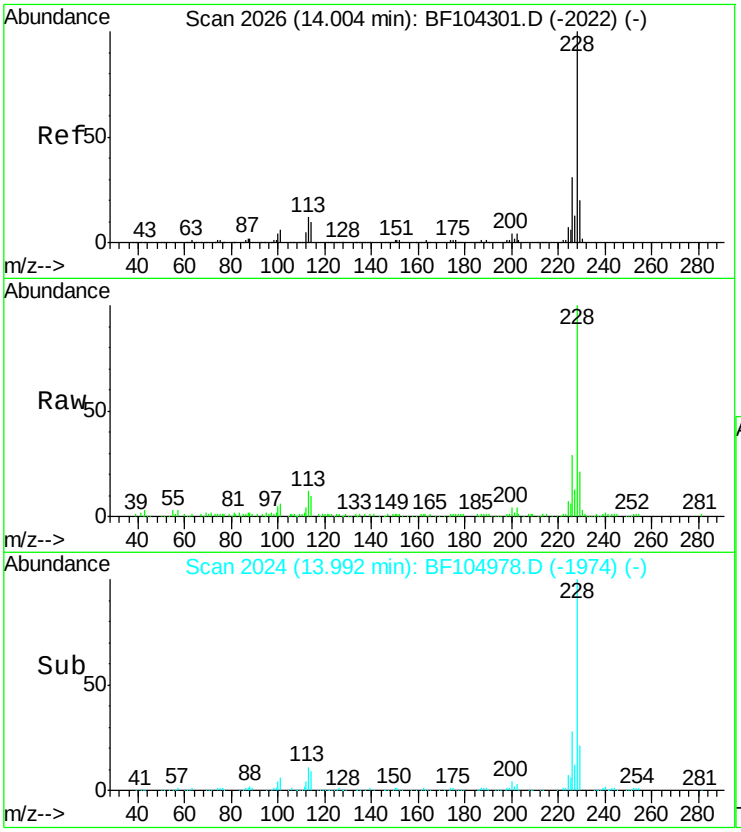


#80
Benzo(a)anthracene
Concen: 8.071 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:228 Resp: 119680

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.9	15.8	23.6



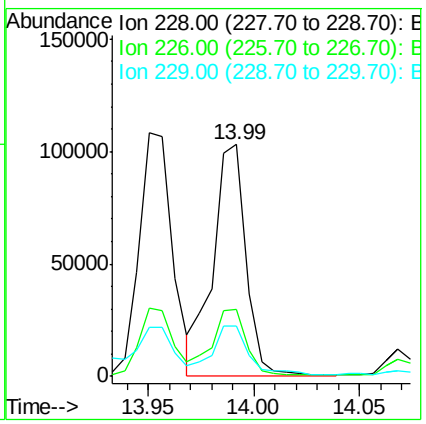


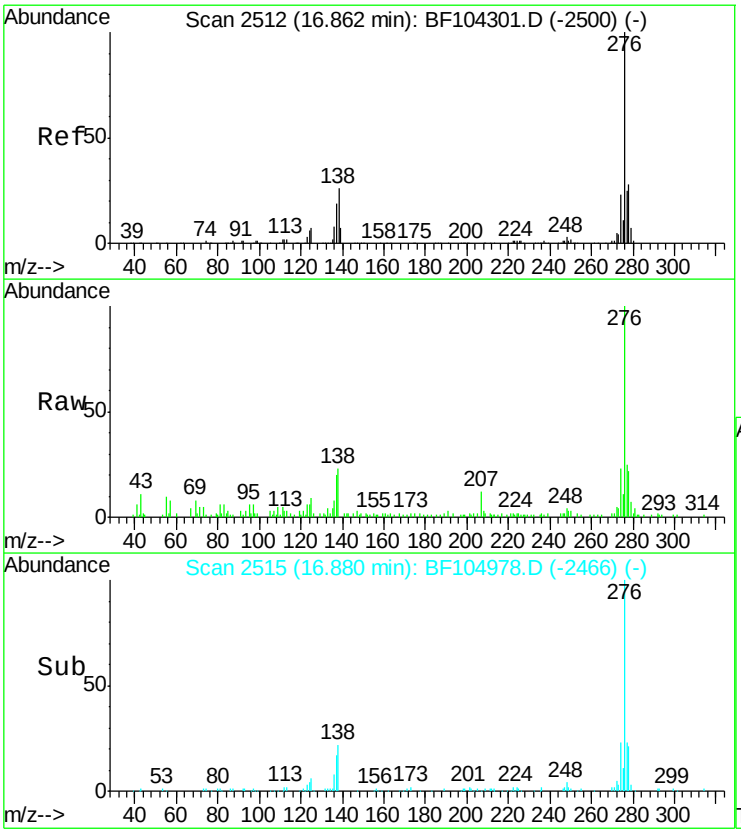
#82
Chrysene
Concen: 7.357 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 112052

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	21.5	16.2	24.4

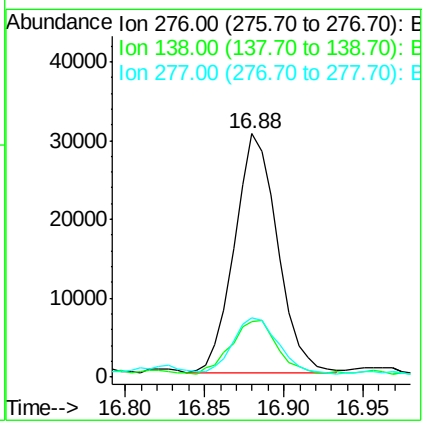


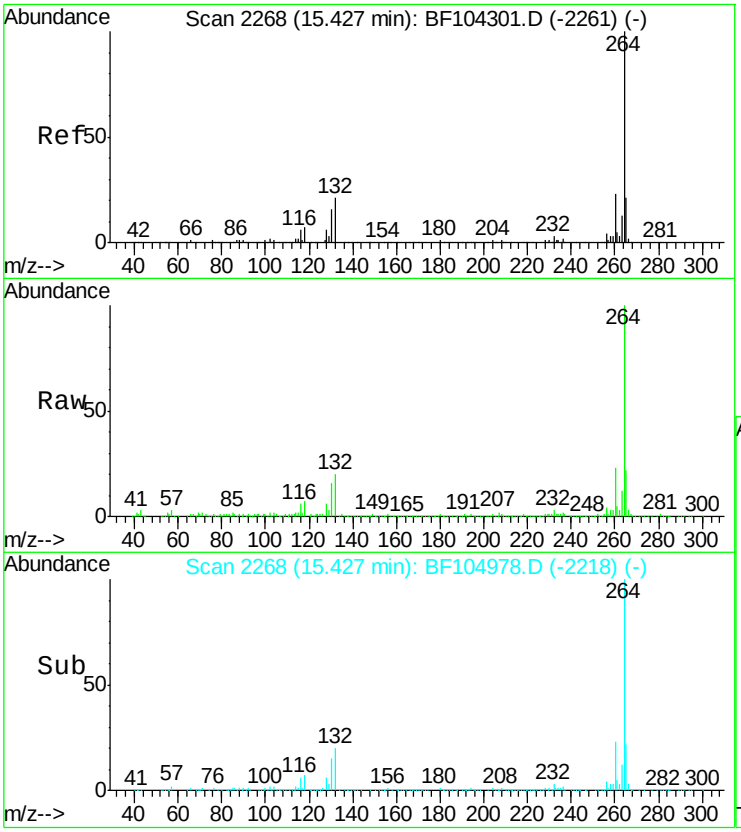


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.428 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:276 Resp: 57291

Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	24.4	20.1	30.1



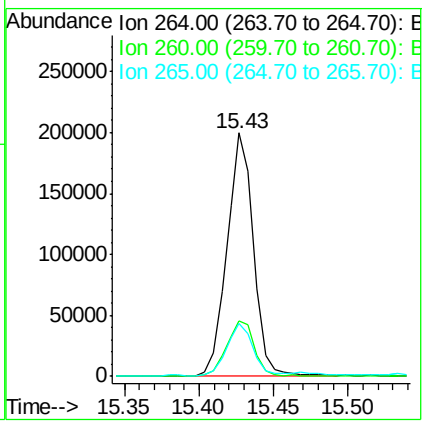


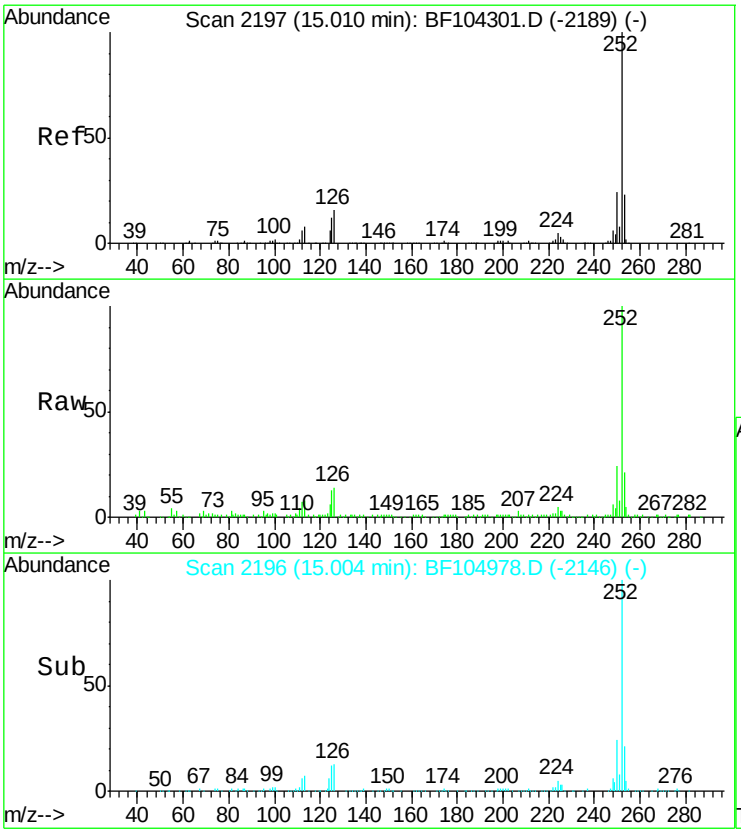
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 249756

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.8	17.5	26.3

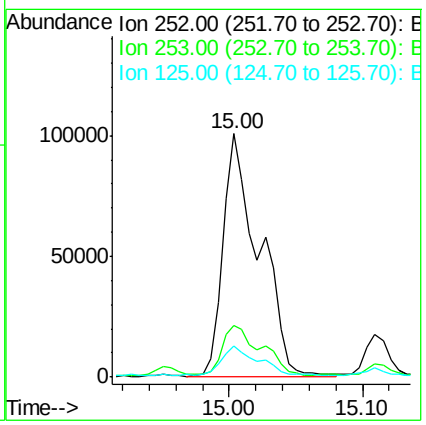


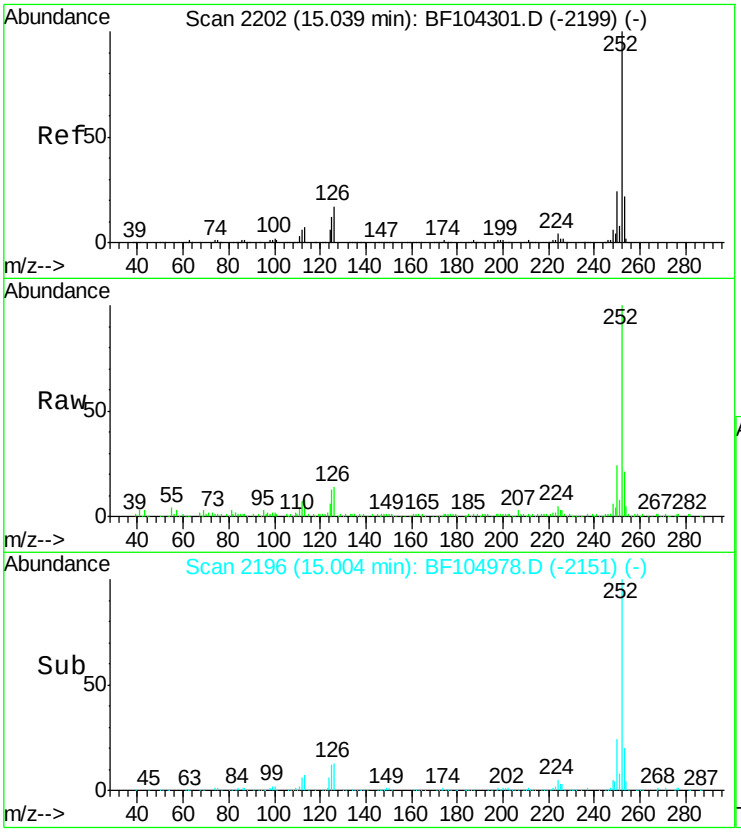


#87
Benzo(b)fluoranthene
Concen: 12.000 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:252 Resp: 189296

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	12.6	9.0	13.6



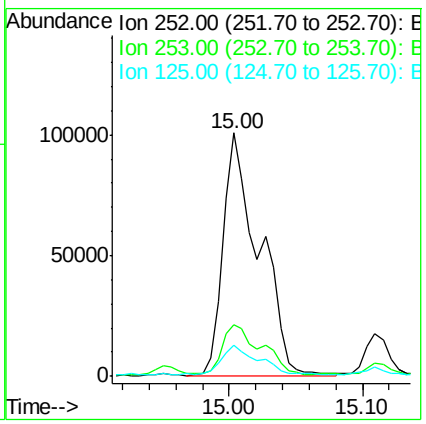


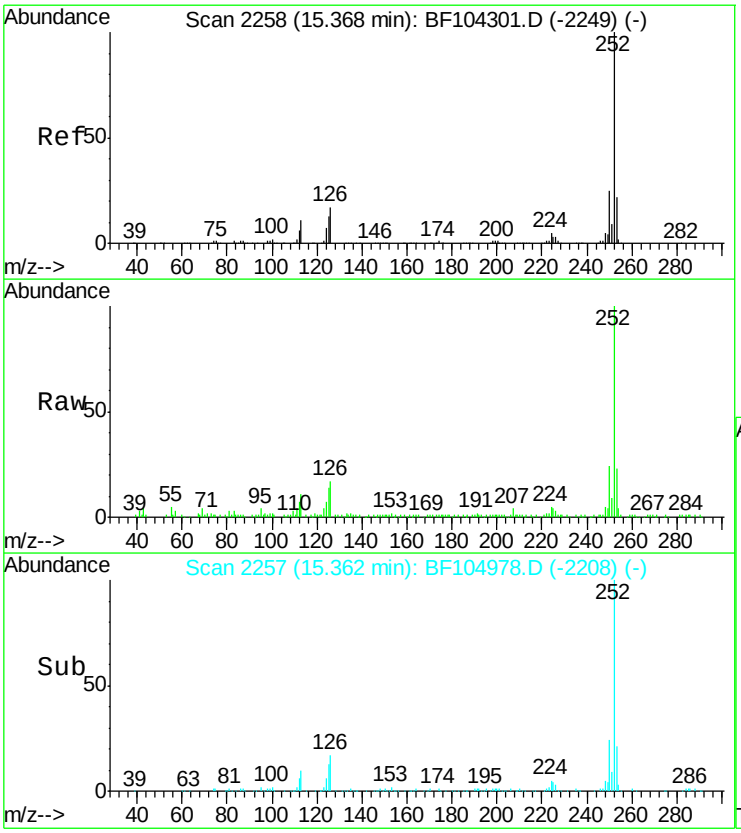
#88
Benzo(k)fluoranthene
Concen: 12.711 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 189296

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	12.6	10.2	15.2

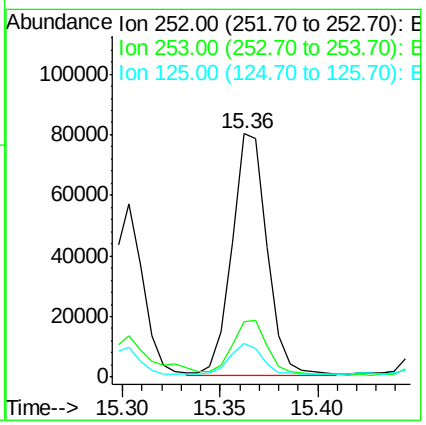


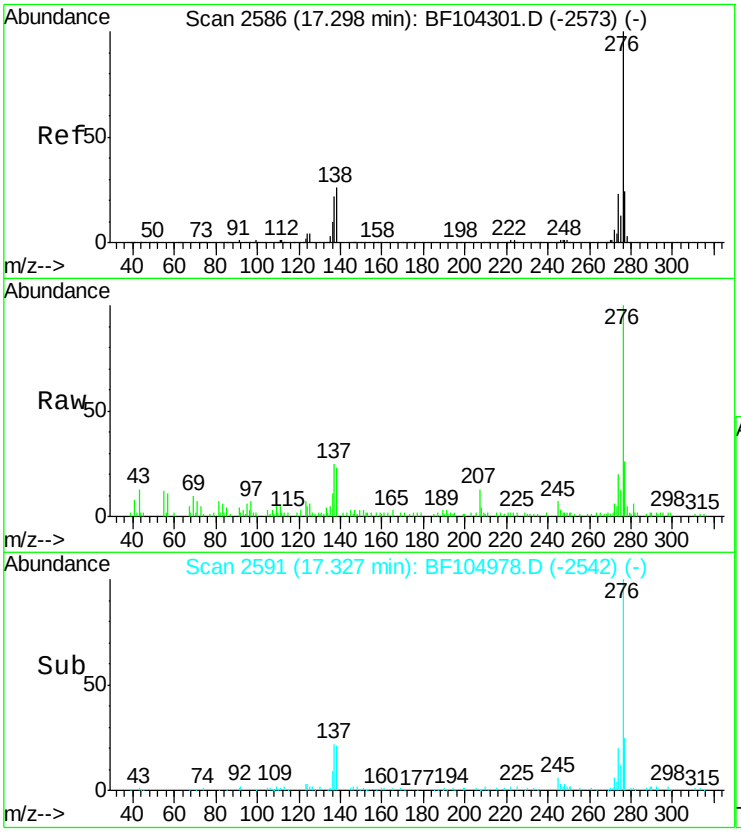


#89
Benzo(a)pyrene
Concen: 7.055 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Tgt Ion:252 Resp: 99575

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.968 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BF104978.D
Acq: 1 May 2018 12:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55792

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	22.7	21.8	32.8