Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104598.D
Acq On : 18 Apr 2018 13:44
Operator : JU/SJ
Sample : J2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 14:56:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121376	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	460132	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	173744	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	271271	20.00	ng		0.00
75) Chrysene-d12	13.97	240	281874	20.00	ng		0.00
86) Perylene-d12	15.44	264	300612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	339931	42.82	ng		0.00
7) Phenol-d6	6.43	99	397641	40.77	ng		0.00
23) Nitrobenzene-d5	7.36	82	251001	35.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	68650	38.09	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	411957	37.46	ng		-0.01
78) Terphenyl-d14	12.92	244	318145	25.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	419	Below Cal		#	76
19) n-Nitroso-di-n-propylamine	7.36	70	31024	4.868	ng	#	73
25) Isophorone	7.36	82	250997	16.844	ng	#	64
49) Dimethylphthalate	9.56	163	47396	3.459	ng		98
50) 2,6-Dinitrotoluene	9.84	165	22727	8.964	ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	22727	6.834	ng	#	22
70) Phenanthrene	11.35	178	31832	2.107	ng		98
74) Fluoranthene	12.54	202	75223	4.766	ng		100
76) Benzidine	12.92	184	3926	Below Cal		#	95
77) Pyrene	12.77	202	76941	3.683	ng		98
80) Benzo(a)anthracene	14.00	228	62469	3.710	ng		98
82) Chrysene	14.00	228	62469	3.612	ng		95
85) Indeno(1,2,3-cd)pyrene	16.88	276	37044	2.521	ng		94
87) Benzo(b)fluoranthene	15.01	252	120541	6.349	ng	#	93
88) Benzo(k)fluoranthene	15.01	252	120541	6.725	ng		96
89) Benzo(a)pyrene	15.37	252	60994	3.590	ng	#	92
91) Benzo(g,h,i)perylene	17.32	276	38886	2.877	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Apr 2018 13:44
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_F
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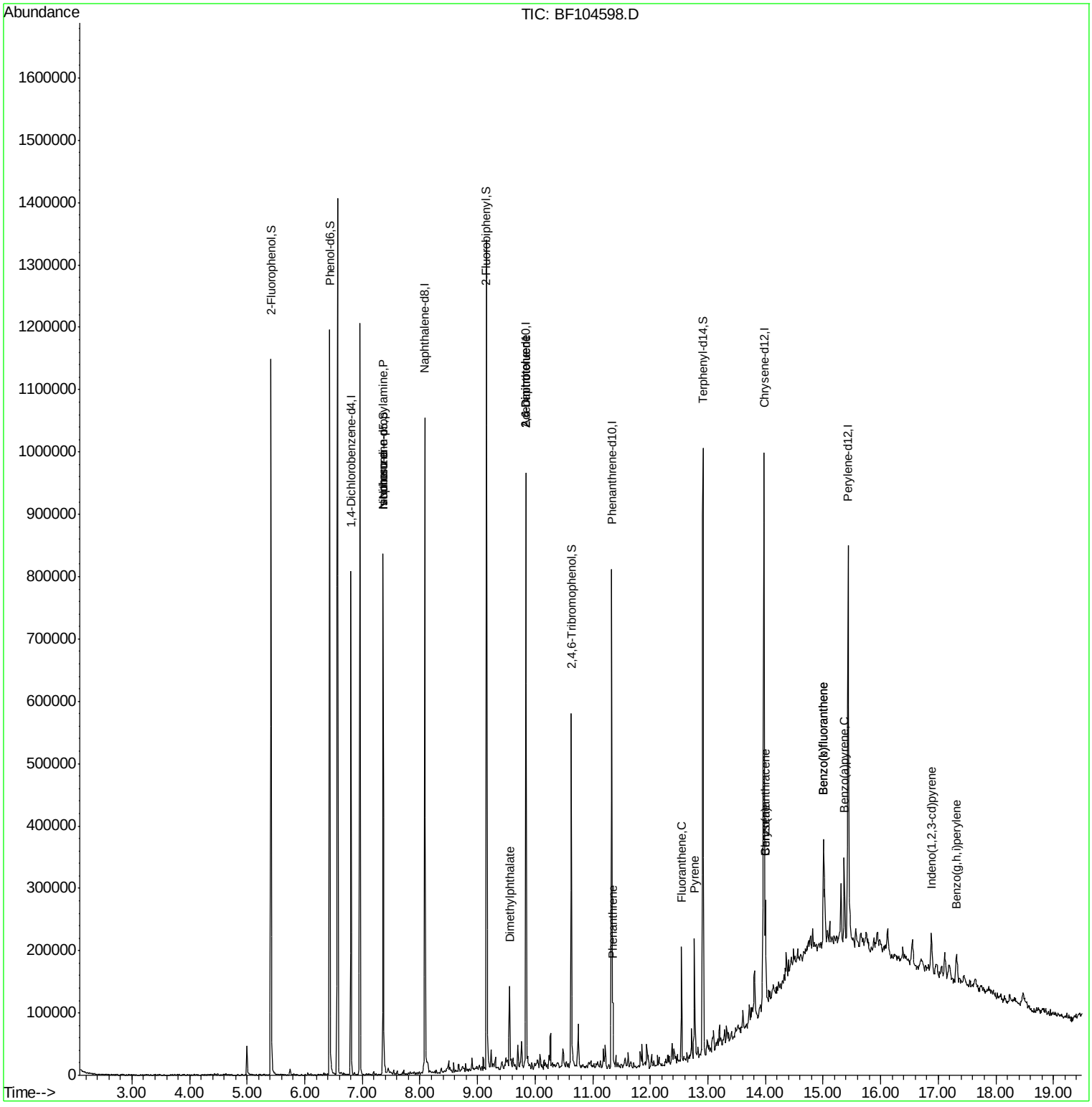
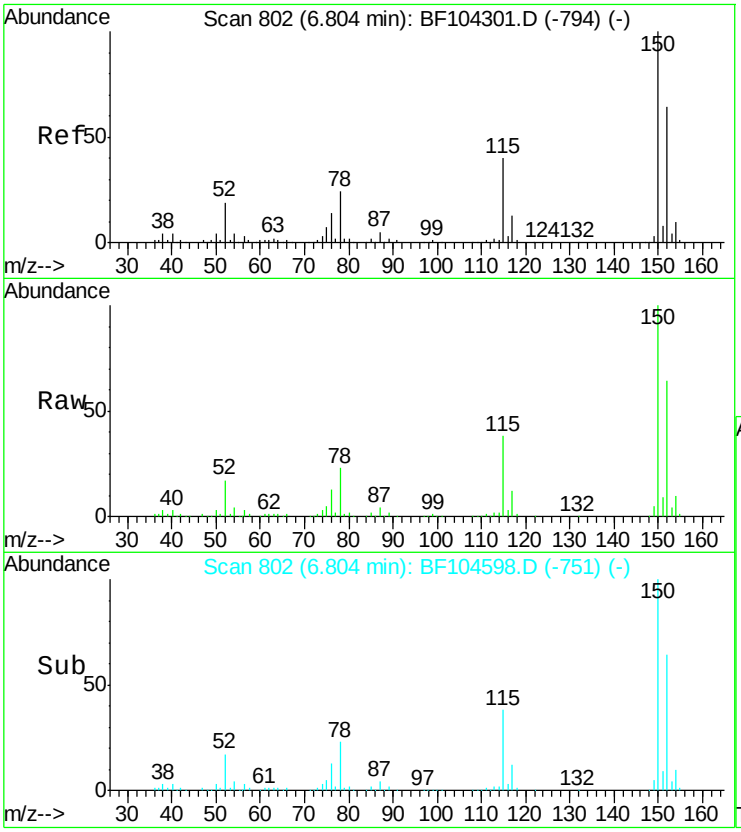


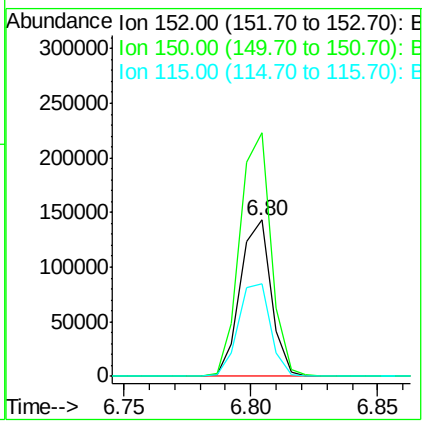


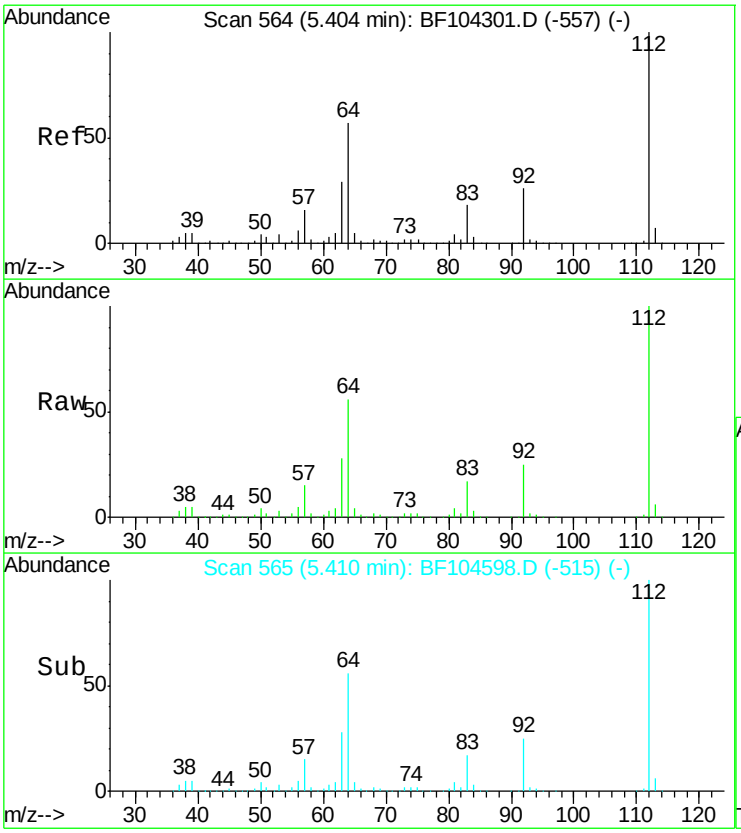
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121376

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.4	50.1	75.1

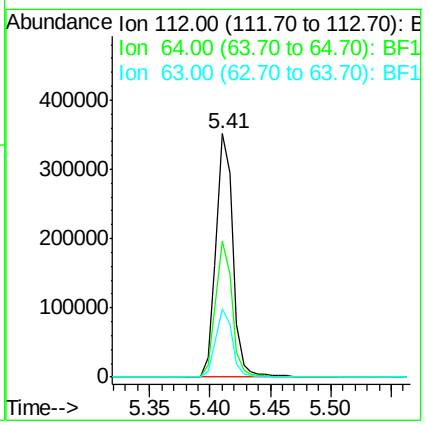


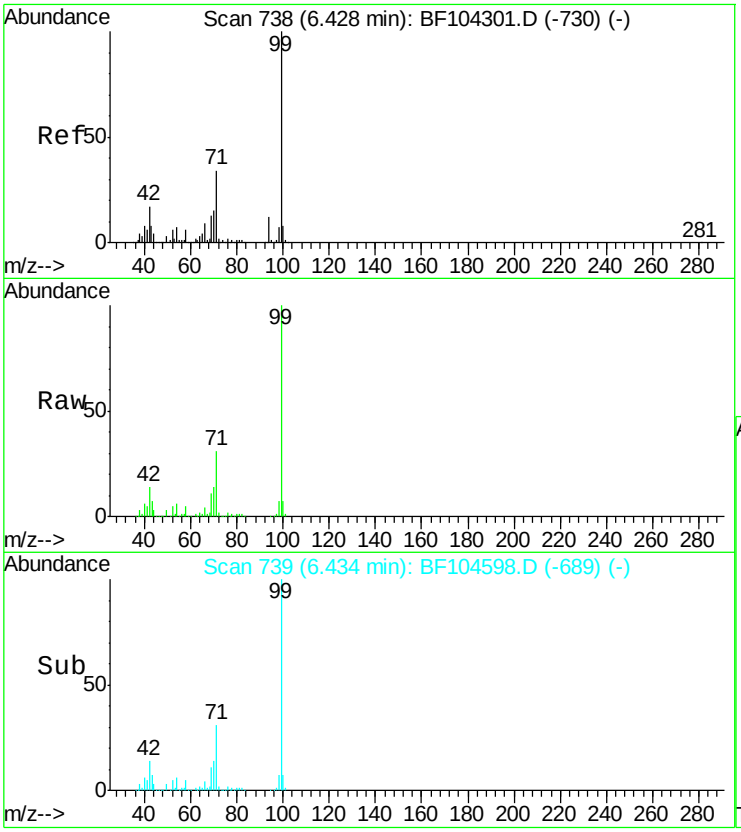


#5
2-Fluorophenol
Concen: 42.823 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:112 Resp: 339931

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.2	23.7	35.5



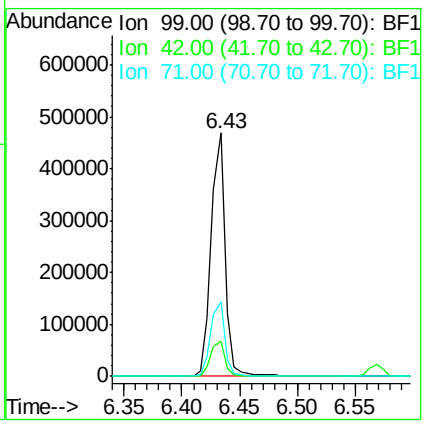


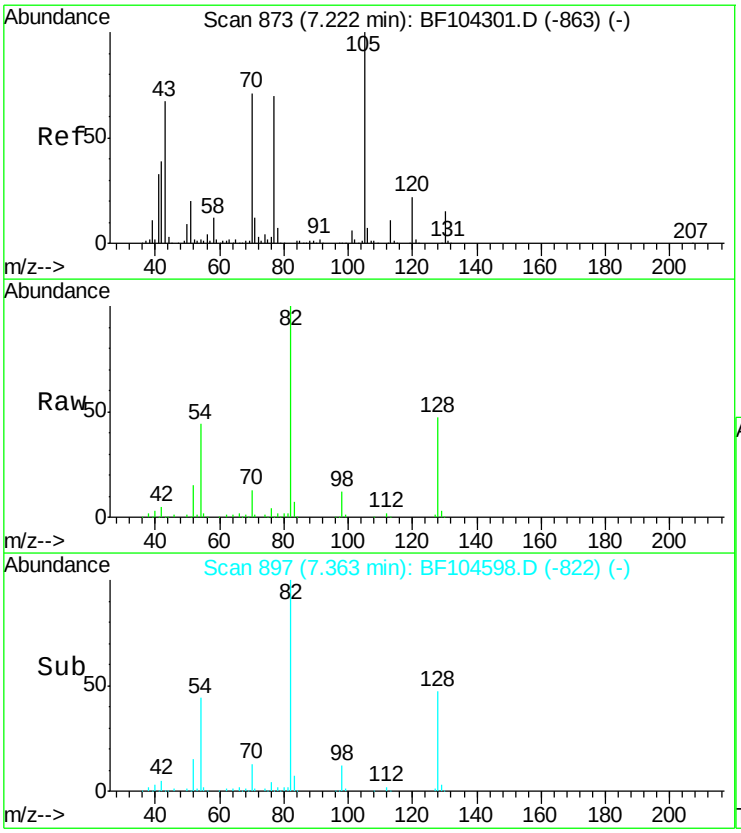
#7
Phenol-d6
Concen: 40.770 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 397641

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	30.6	25.4	38.0

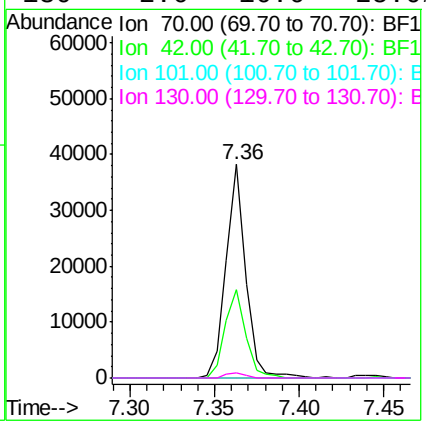


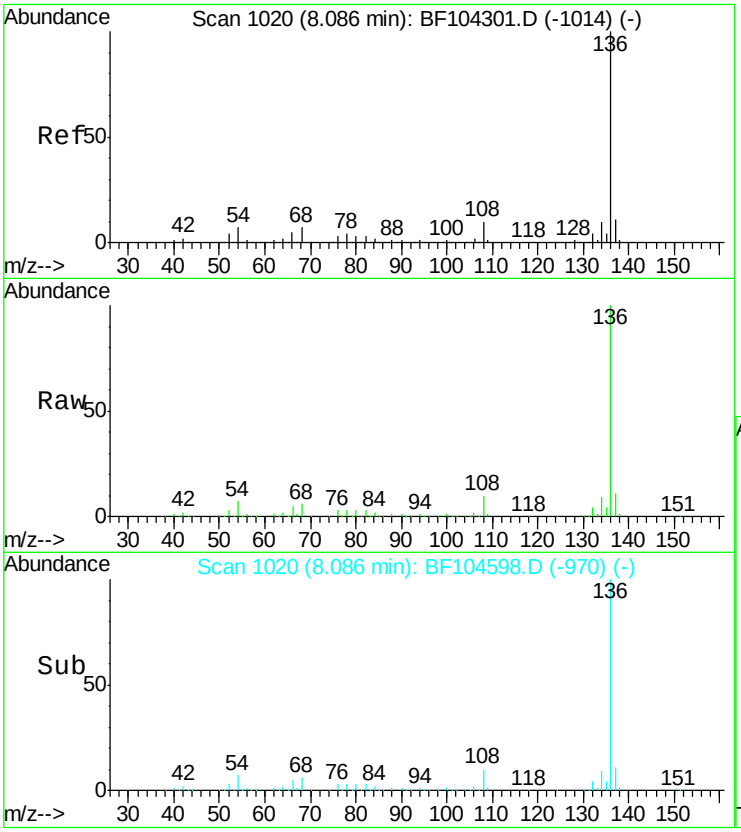


#19
n-Nitroso-di-n-propylamine
Concen: 4.868 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion: 70 Resp: 31024

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



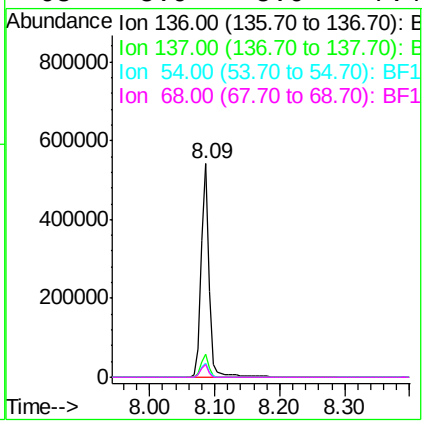


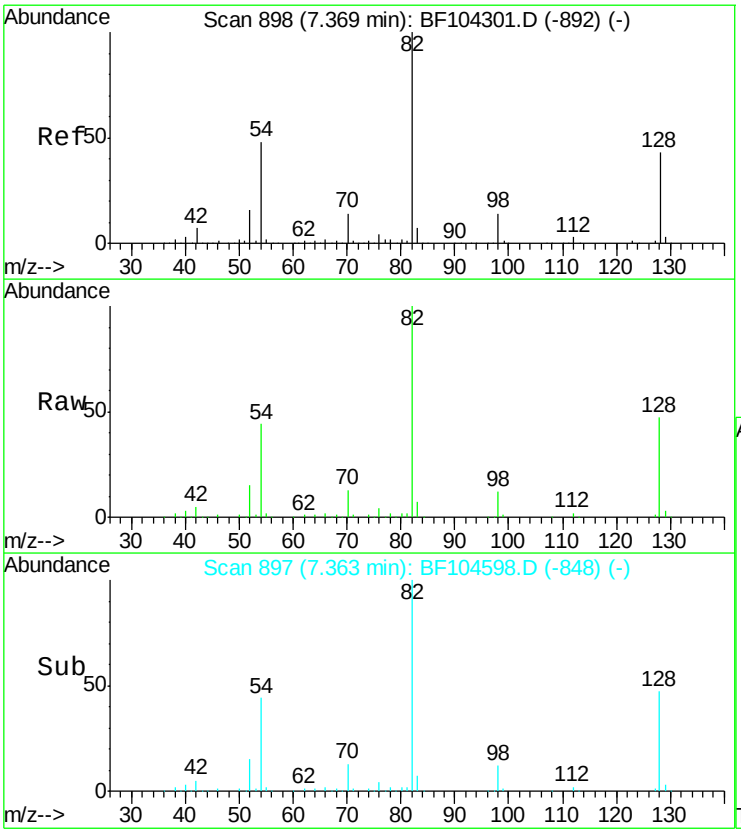
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 460132

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	5.9	5.0	7.4

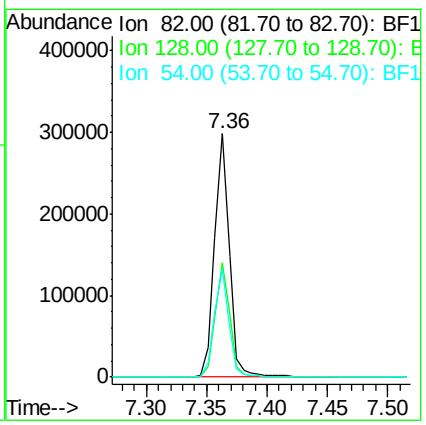


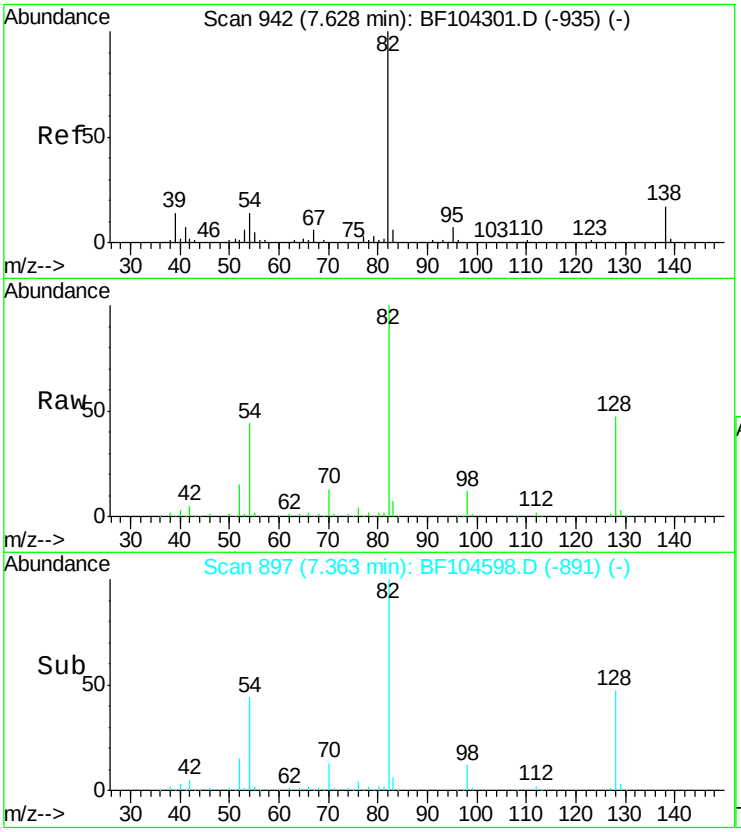


#23
Nitrobenzene-d5
Concen: 35.620 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion: 82 Resp: 251001

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	44.2	41.4	62.2



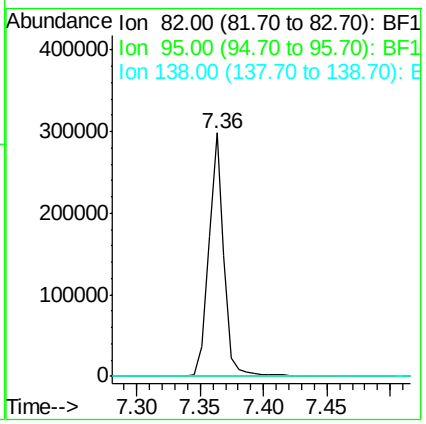


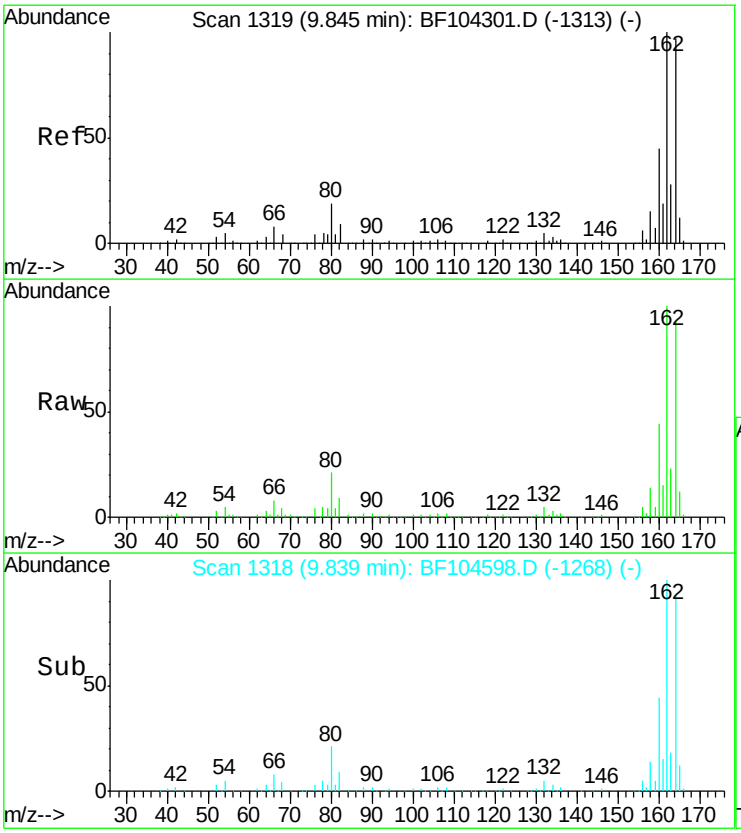
#25
Isophorone
Concen: 16.844 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 250997

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

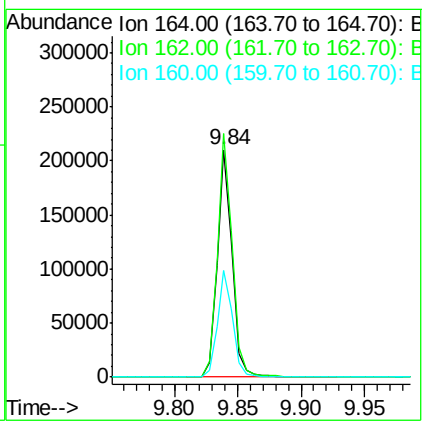


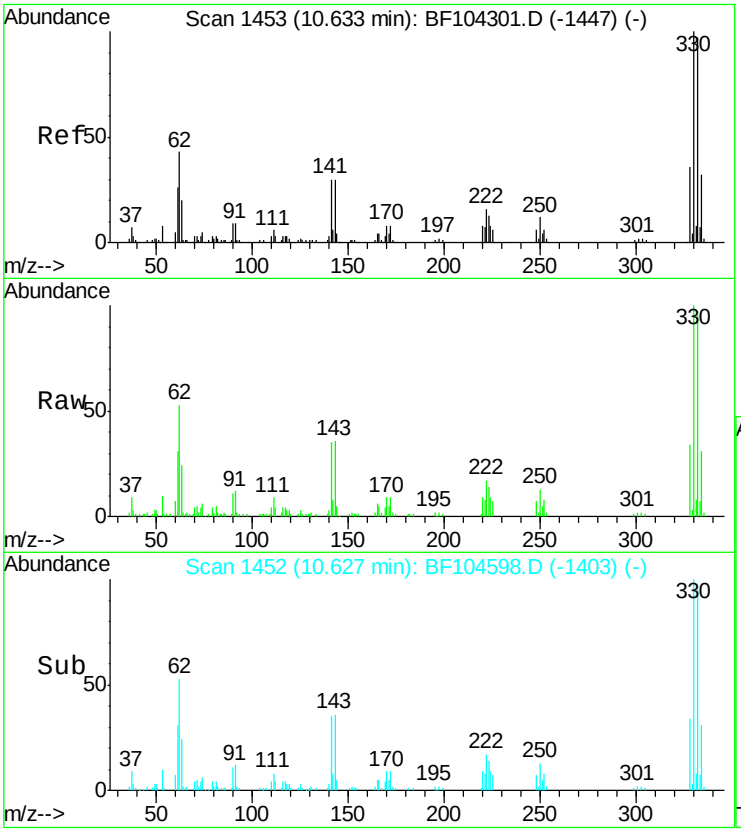


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:164 Resp: 173744

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	46.9	38.3	57.5



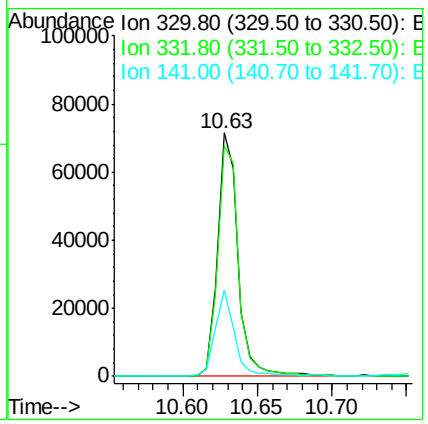


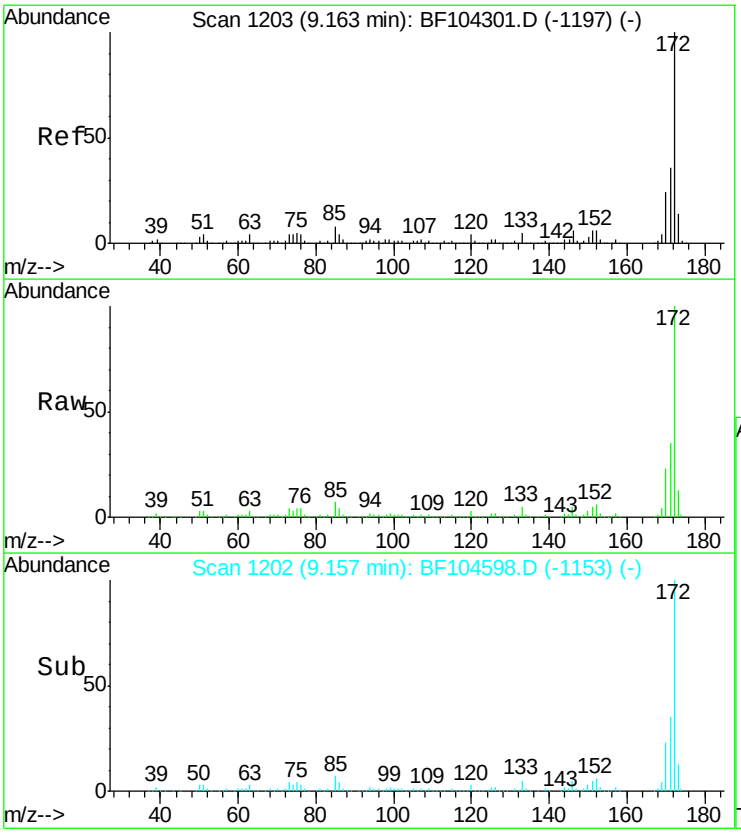
#41
2,4,6-Tribromophenol
Concen: 38.090 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 68650

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.3	29.9	44.9

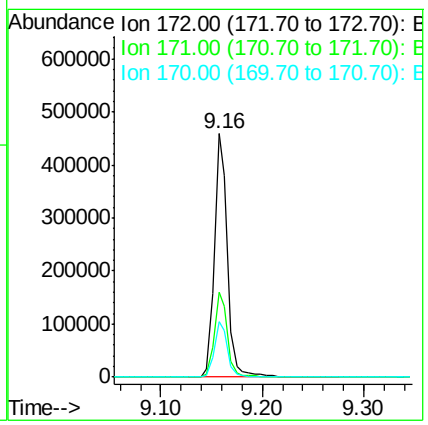


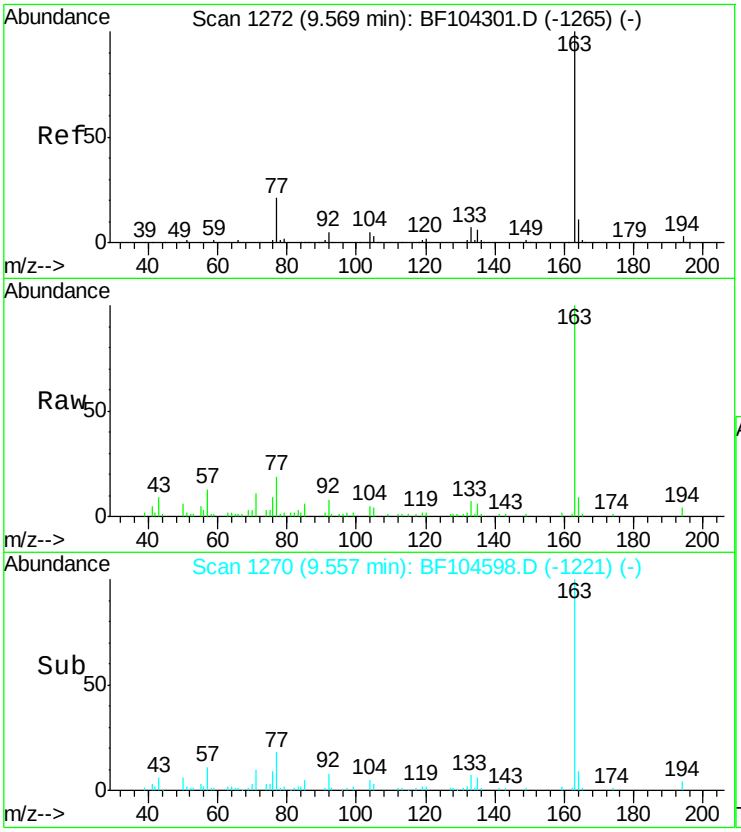


#44
2-Fluorobiphenyl
Concen: 37.457 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:172 Resp: 411957

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.8	19.6	29.4



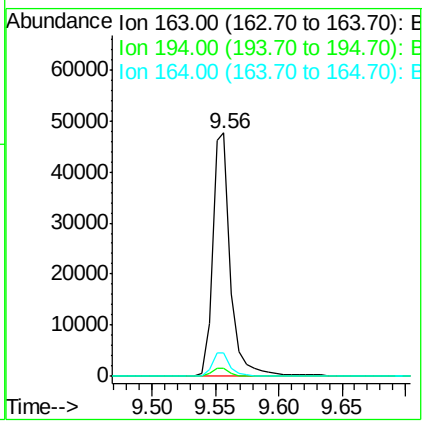


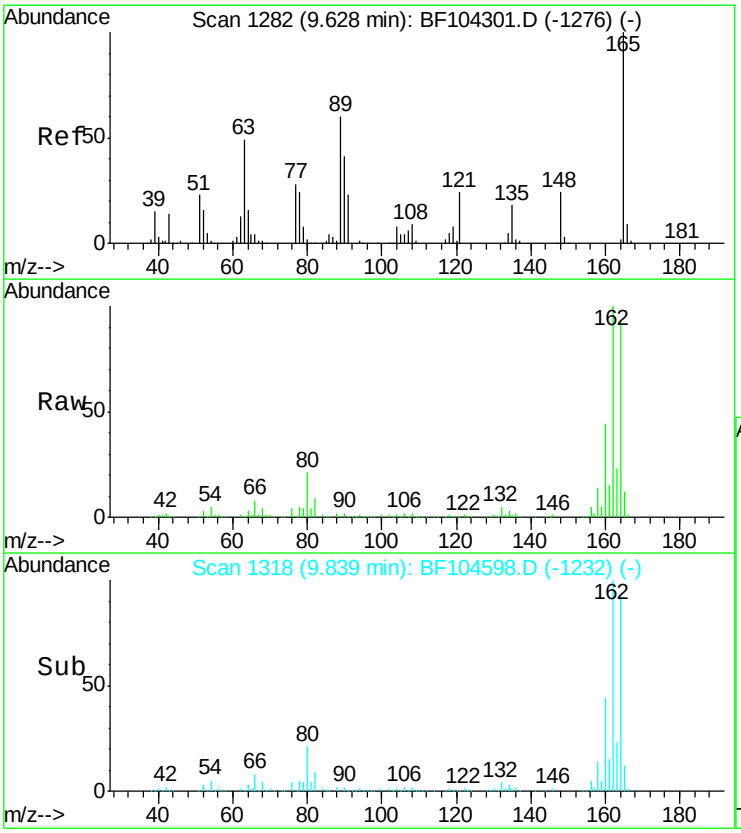
#49
Dimethylphthalate
Concen: 3.459 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47396

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2

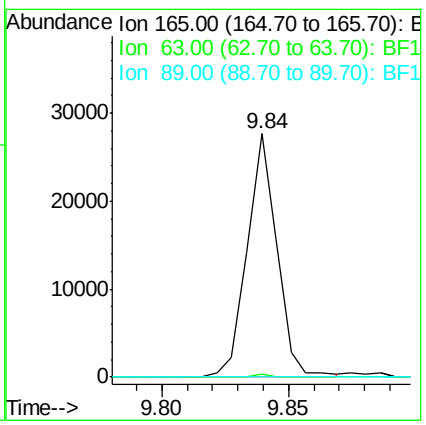


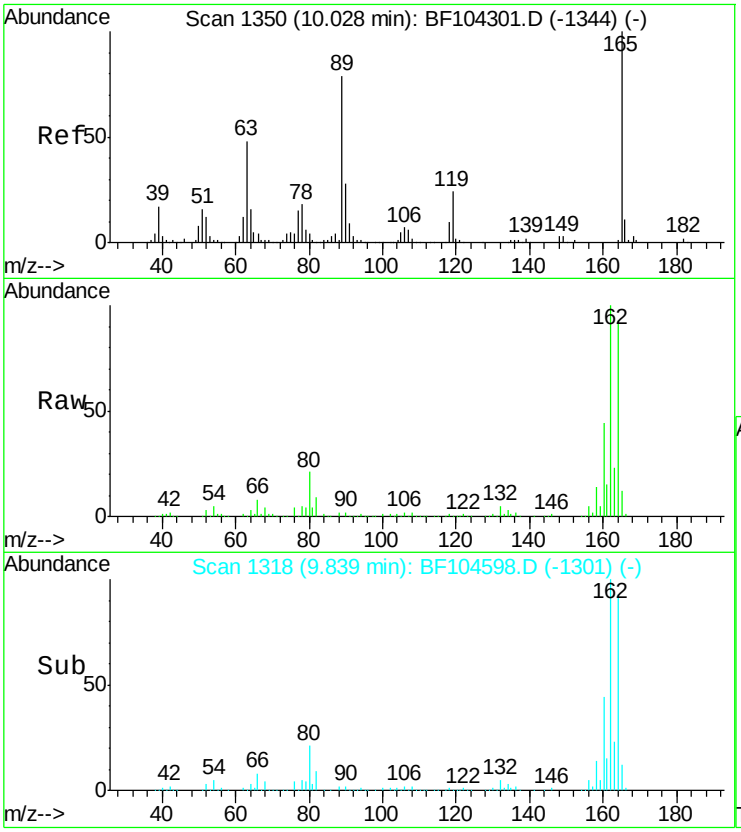


#50
2,6-Dinitrotoluene
Concen: 8.964 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:165 Resp: 22727

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



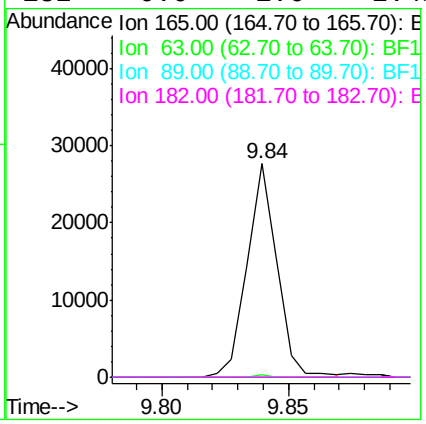


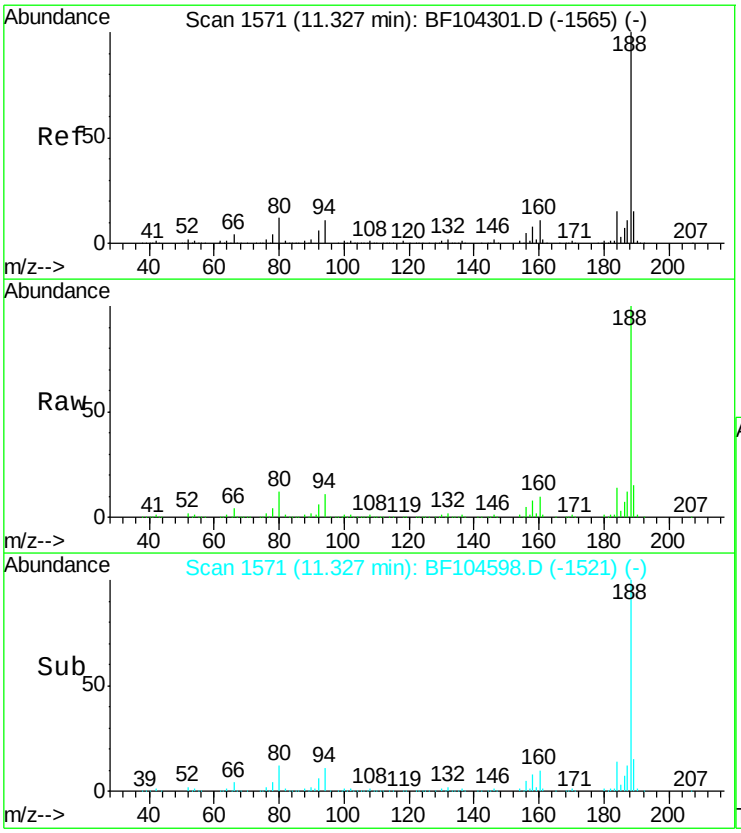
#56
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22727

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

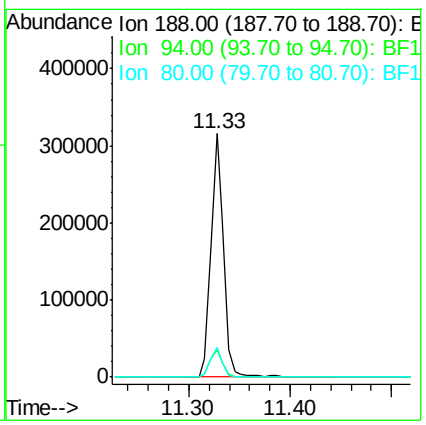


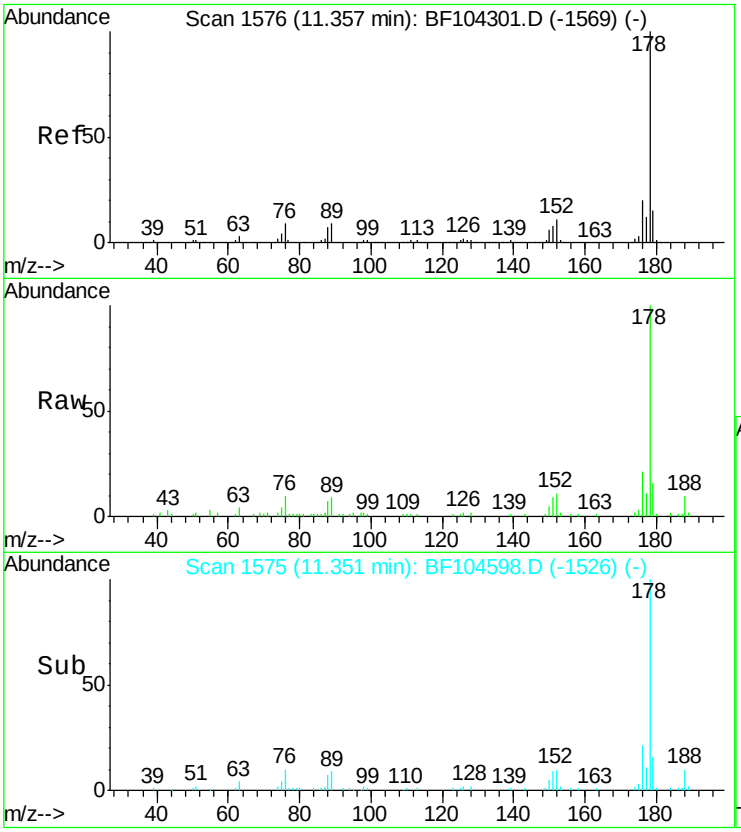


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:188 Resp: 271271

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.4	9.2	13.8



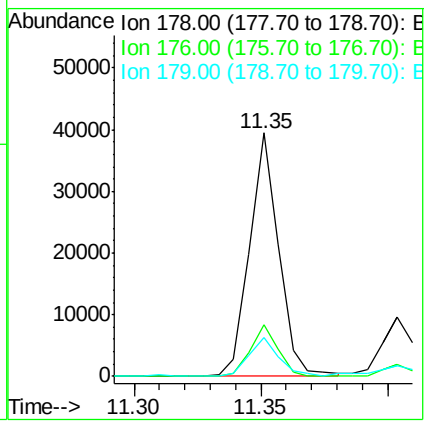


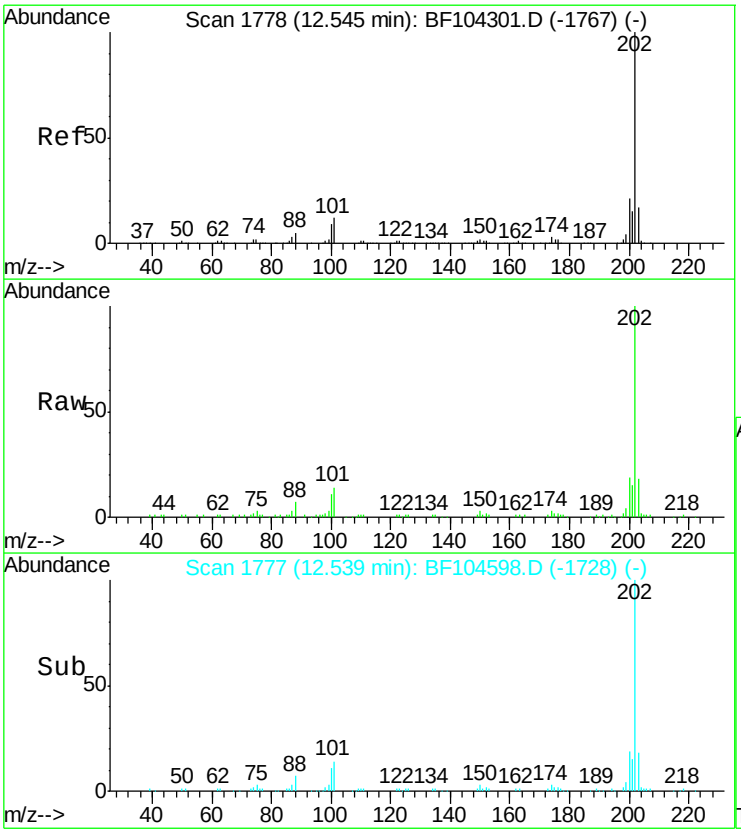
#70
Phenanthrene
Concen: 2.107 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31832

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	15.7	13.0	19.6

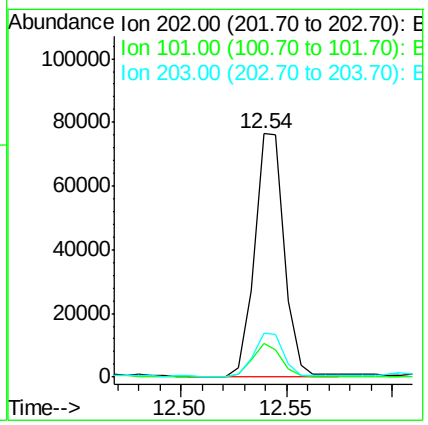


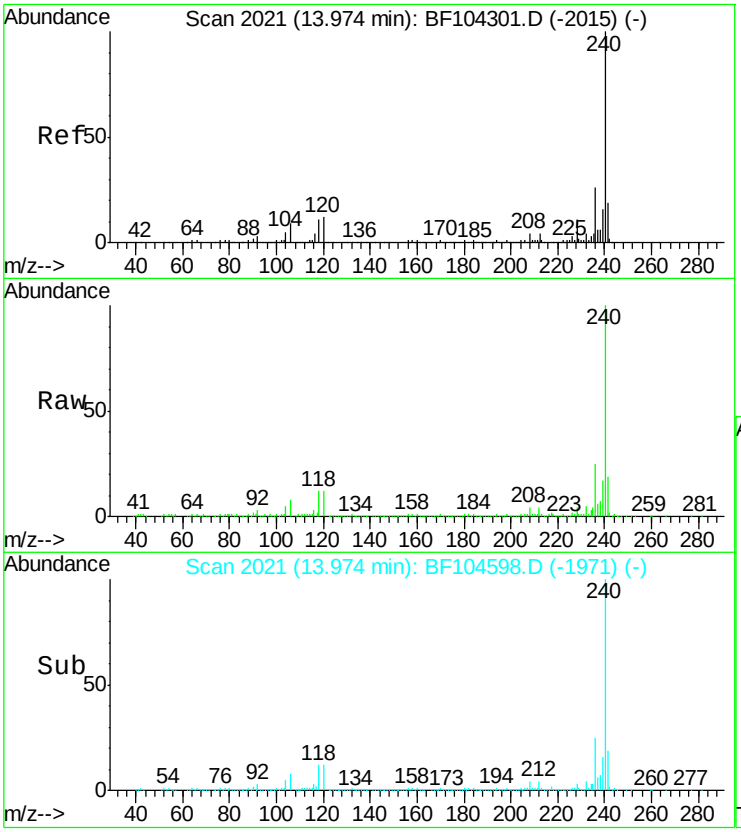


#74
Fluoranthene
Concen: 4.766 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:202 Resp: 75223

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	18.2	0.0	38.1



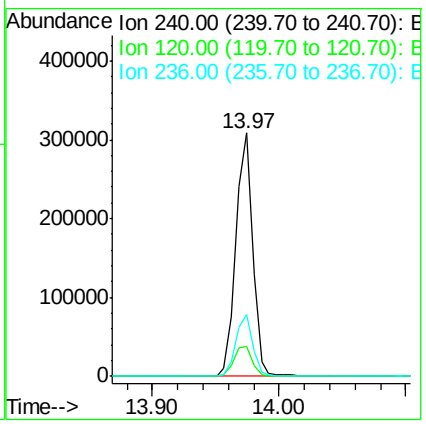


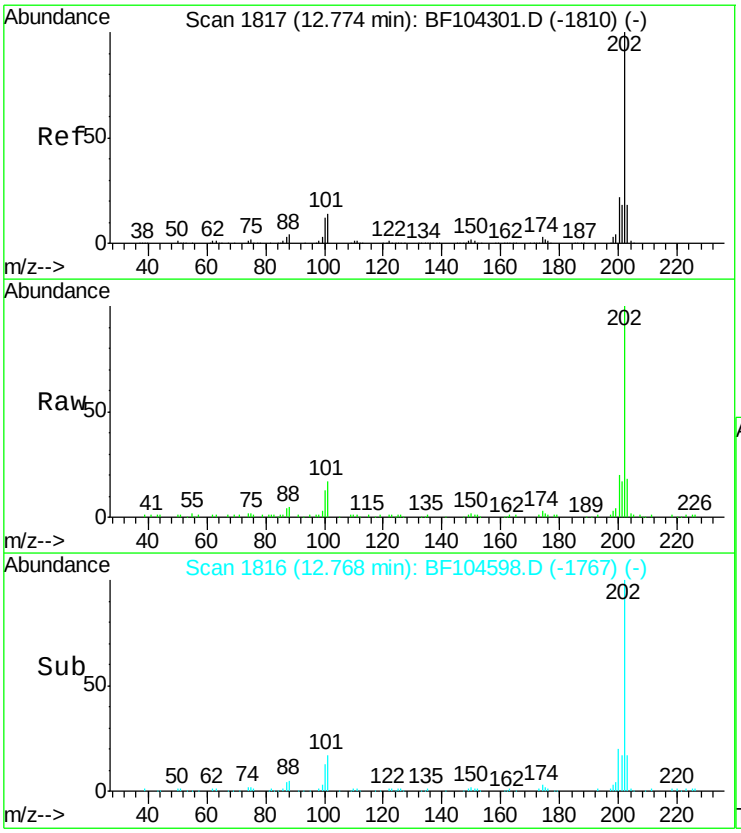
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 281874

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.5	20.7	31.1

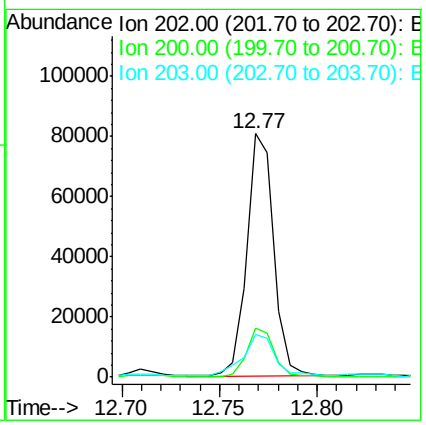


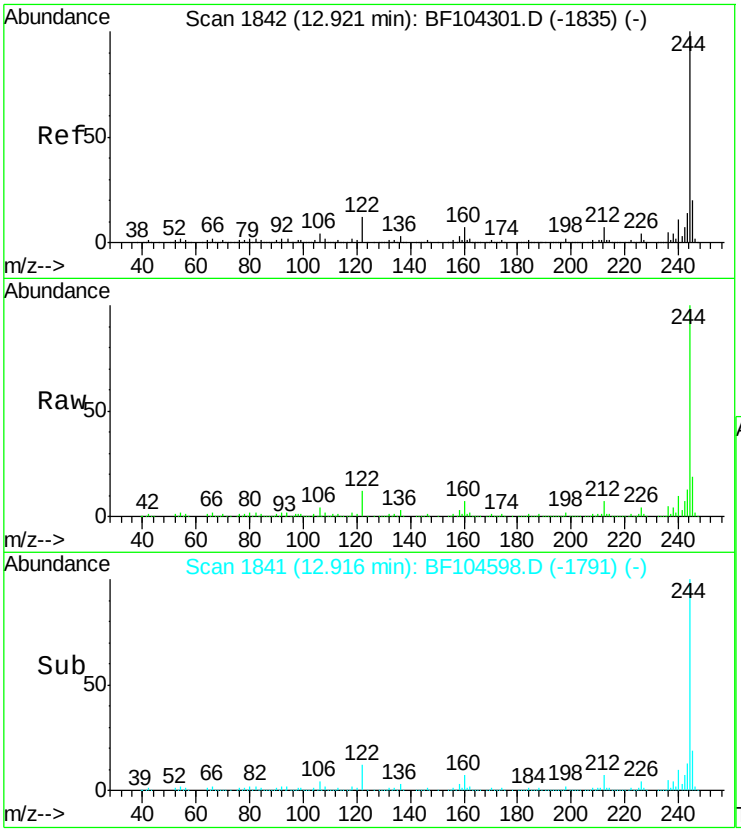


#77
Pyrene
Concen: 3.683 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:202 Resp: 76941

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.7	14.3	21.5



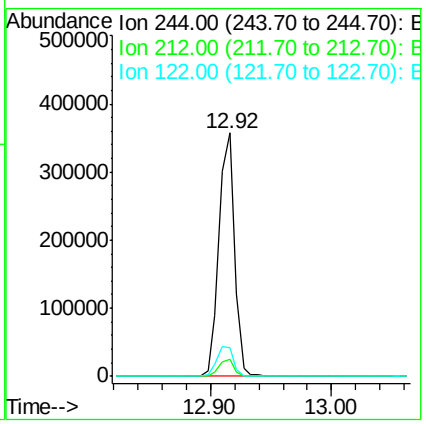


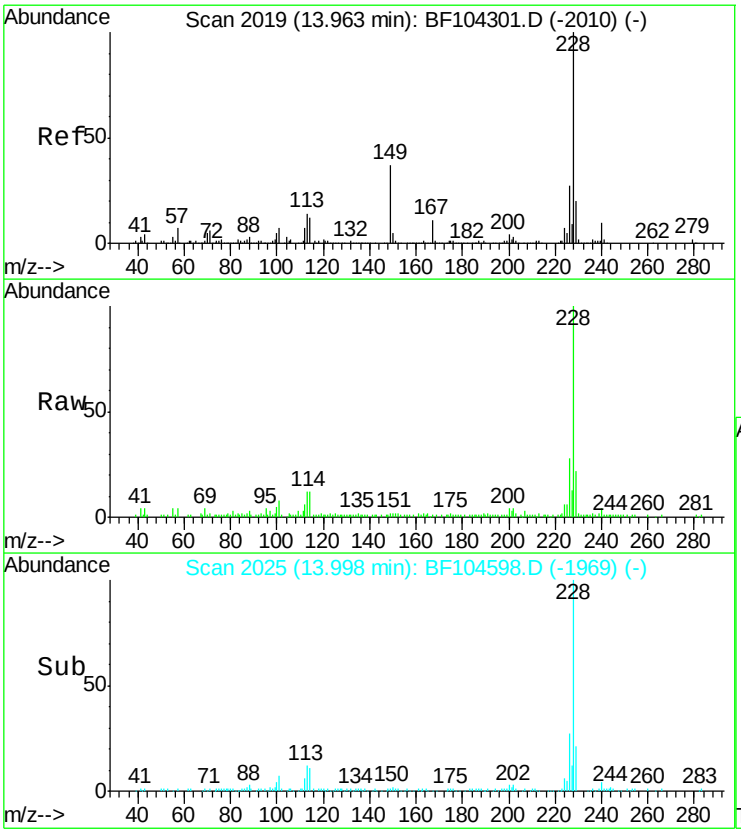
#78
Terphenyl-d14
Concen: 25.732 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 318145

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4

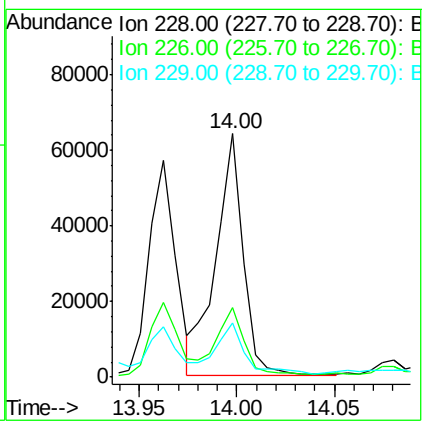


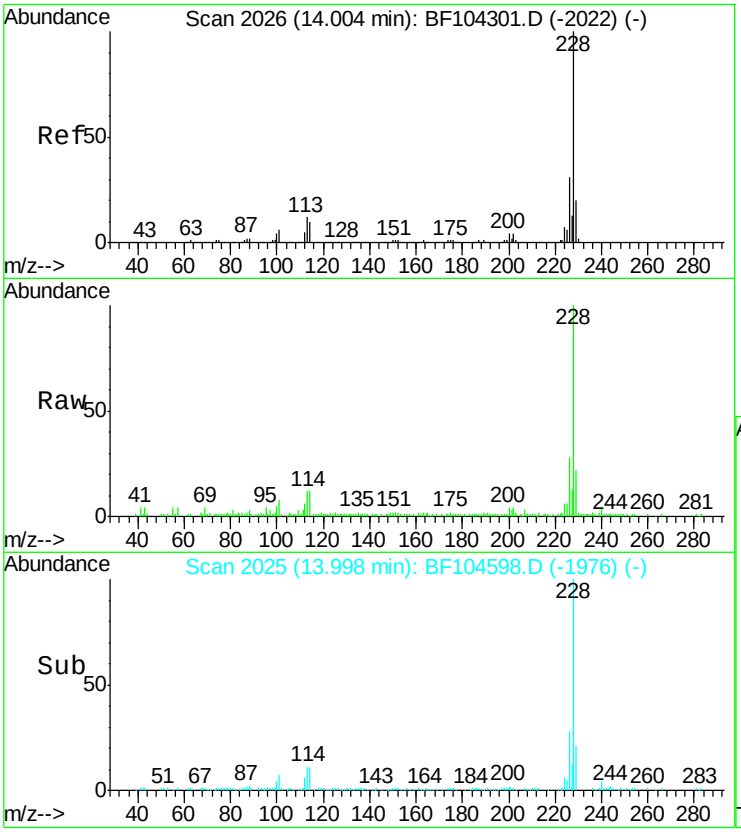


#80
Benzo(a)anthracene
Concen: 3.710 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.03 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:228 Resp: 62469

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.1	15.8	23.6



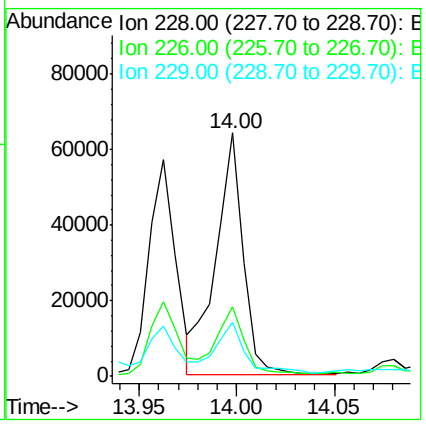


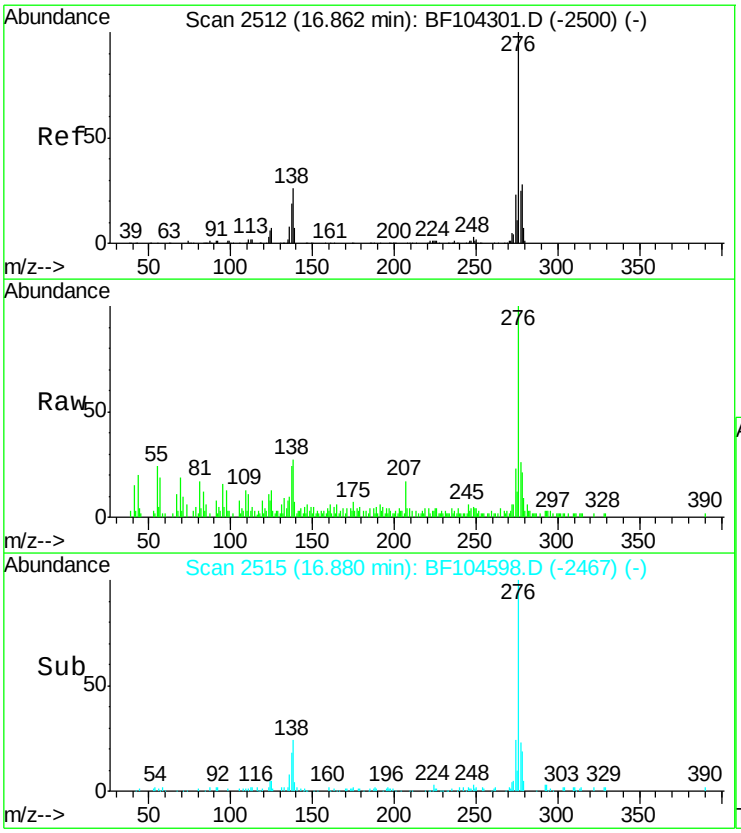
#82
Chrysene
Concen: 3.612 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 62469

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	22.1	16.2	24.4

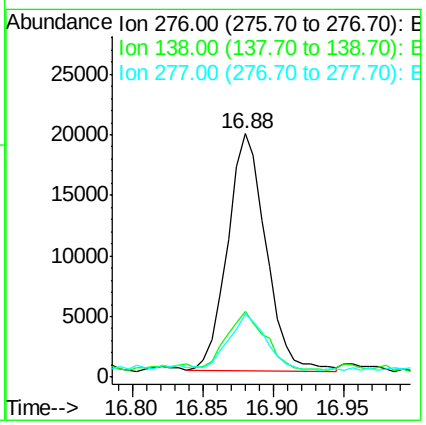


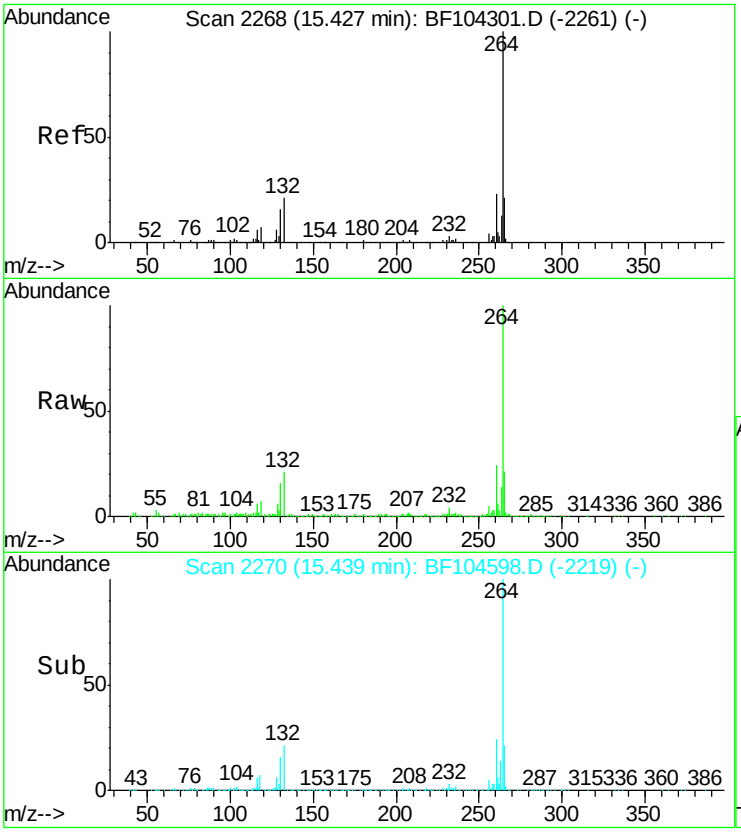


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.521 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:276 Resp: 37044

Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	23.4	20.1	30.1



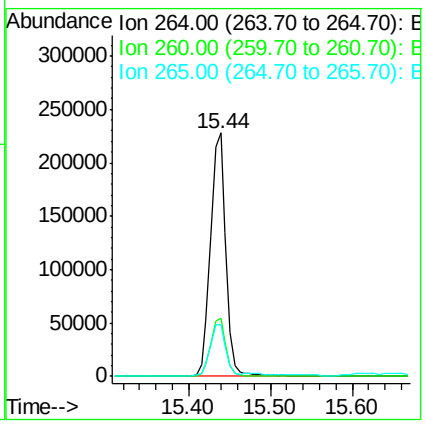


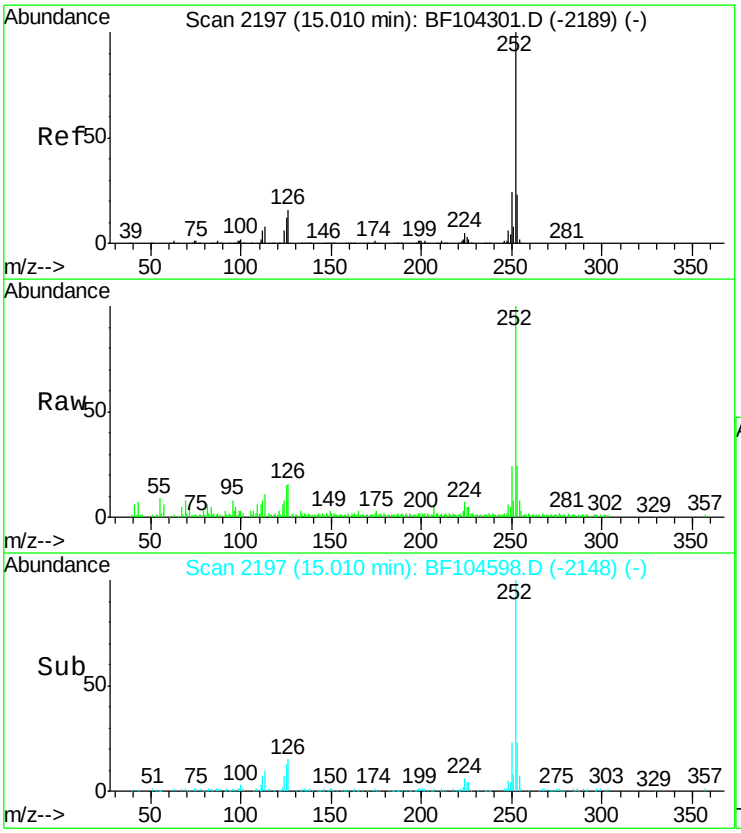
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 300612

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

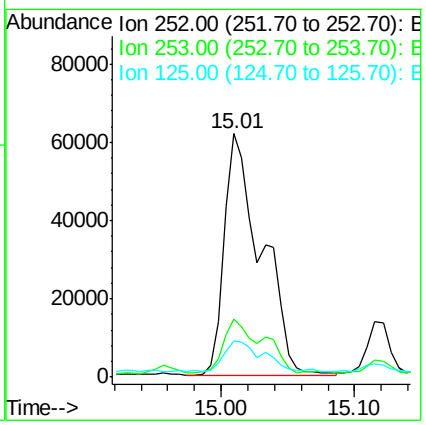


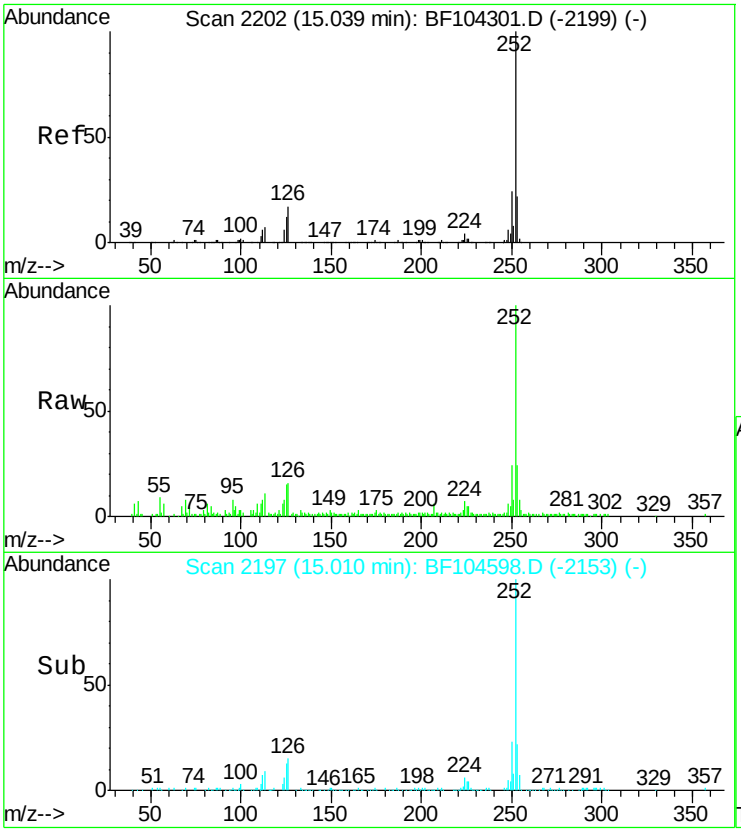


#87
Benzo(b)fluoranthene
Concen: 6.349 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:252 Resp: 120541

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.0	9.0	13.6#



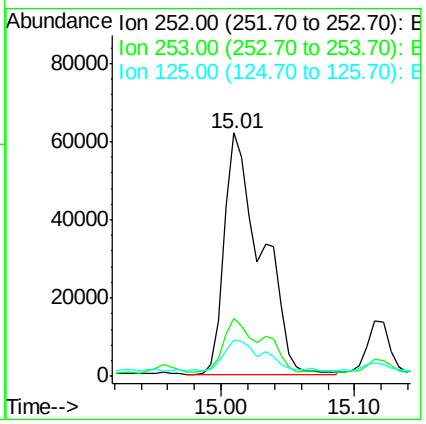


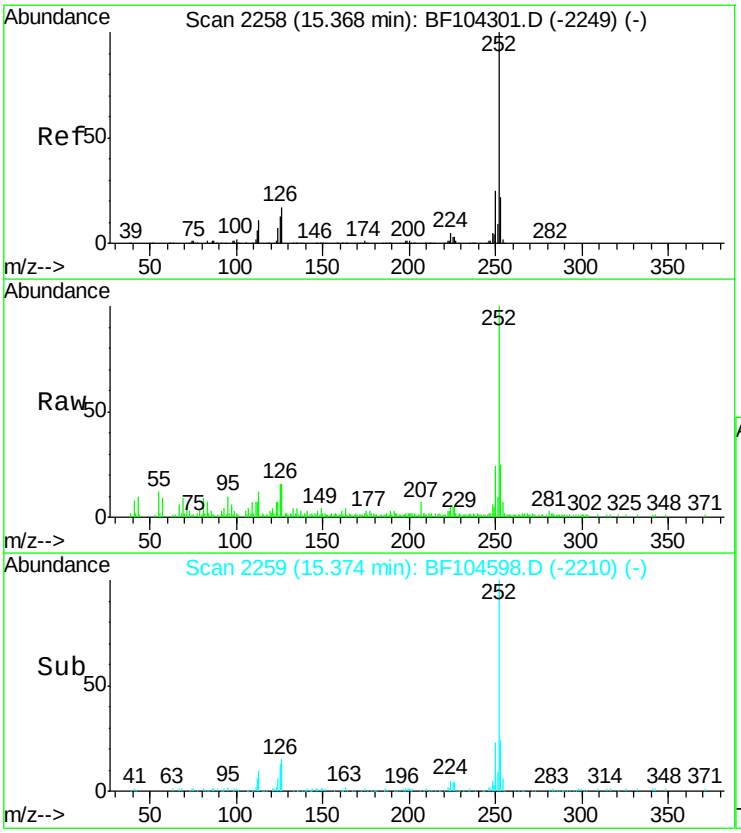
#88
Benzo(k)fluoranthene
Concen: 6.725 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 120541

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.0	10.2	15.2

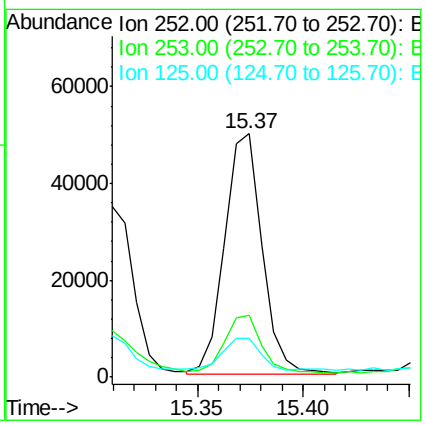


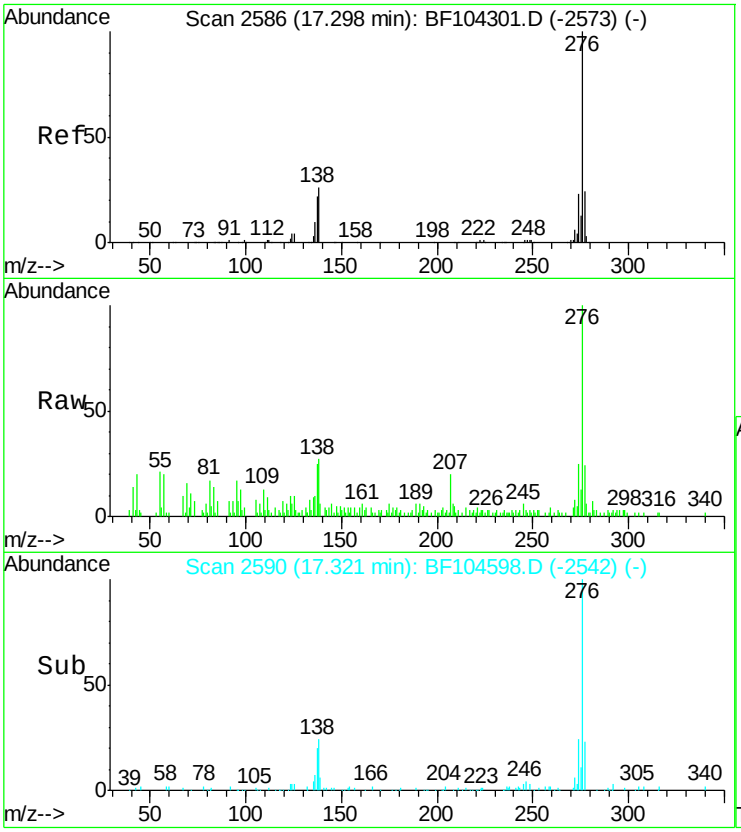


#89
Benzo(a)pyrene
Concen: 3.590 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion:252 Resp: 60994

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	15.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.877 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38886

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	27.5	21.8	32.8