Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101724.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I6677-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-A

Quant Time: Dec 27 04:56:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110492	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	386022	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	145714	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	258035	20.00	ng		0.00
75) Chrysene-d12	13.97	240	293992	20.00	ng		0.00
86) Perylene-d12	15.43	264	334972	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	367096	49.49	ng		0.00
7) Phenol-d6	6.43	99	415034	44.96	ng		0.00
23) Nitrobenzene-d5	7.36	82	256349	36.97	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	66125	47.10	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	399349	42.51	ng		0.00
78) Terphenyl-d14	12.89	244	394895	32.38	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	35104	5.790	ng	#	82
25) Isophorone	7.36	82	256349	18.427	ng	#	64
49) Dimethylphthalate	9.55	163	35767	3.052	ng	#	97
70) Phenanthrene	11.34	178	77088	5.372	ng		98
71) Anthracene	11.34	178	77088	5.259	ng		98
74) Fluoranthene	12.54	202	111037	7.372	ng		99
77) Pyrene	12.77	202	122148	5.536	ng		98
80) Benzo(a)anthracene	13.96	228	66119	3.406	ng		96
82) Chrysene	14.00	228	63566	3.468	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	41837	2.563	ng	#	93
87) Benzo(b)fluoranthene	15.02	252	107059	5.244	ng	#	90
88) Benzo(k)fluoranthene	15.02	252	107059	5.393	ng	#	93
89) Benzo(a)pyrene	15.38	252	66245	3.520	ng	#	92
91) Benzo(g,h,i)perylene	17.39	276	44038	2.752	ng		93

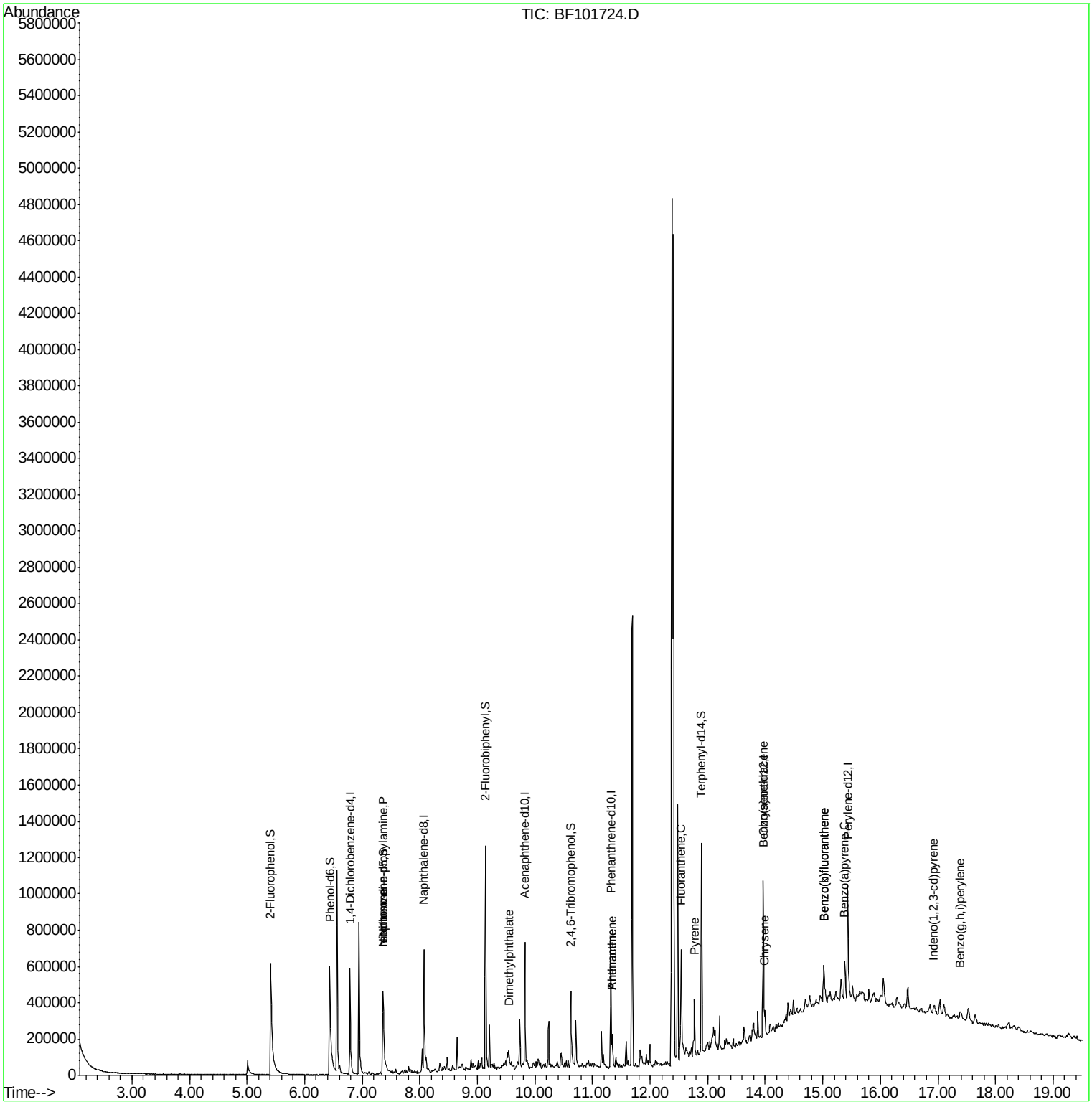
(#) = qualifier out of range (m) = manual integration (+) = signals summed

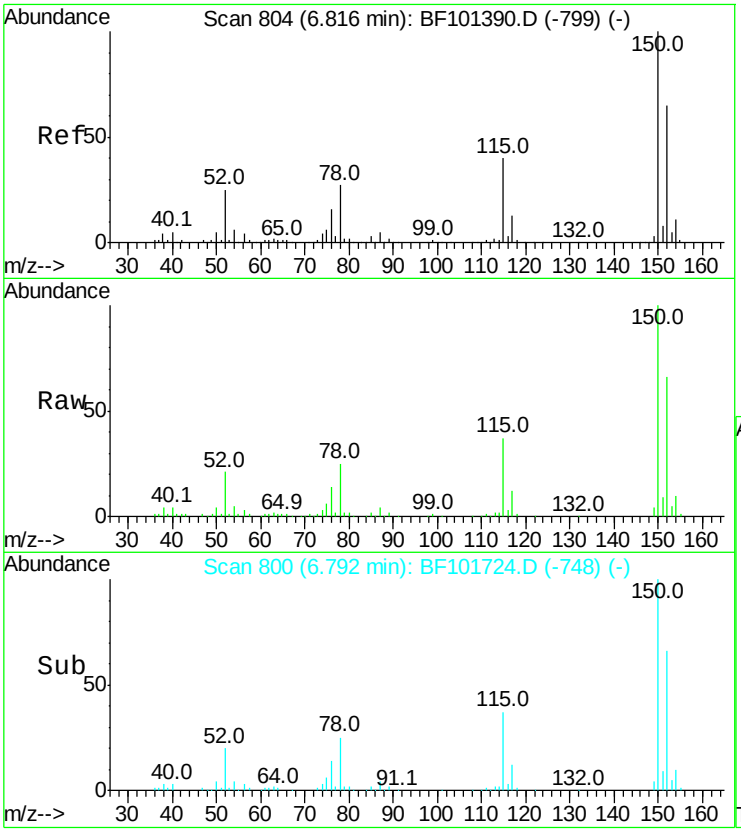
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101724.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I6677-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Quant Time: Dec 27 04:56:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



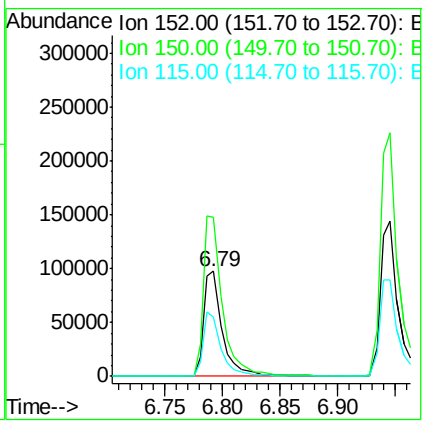


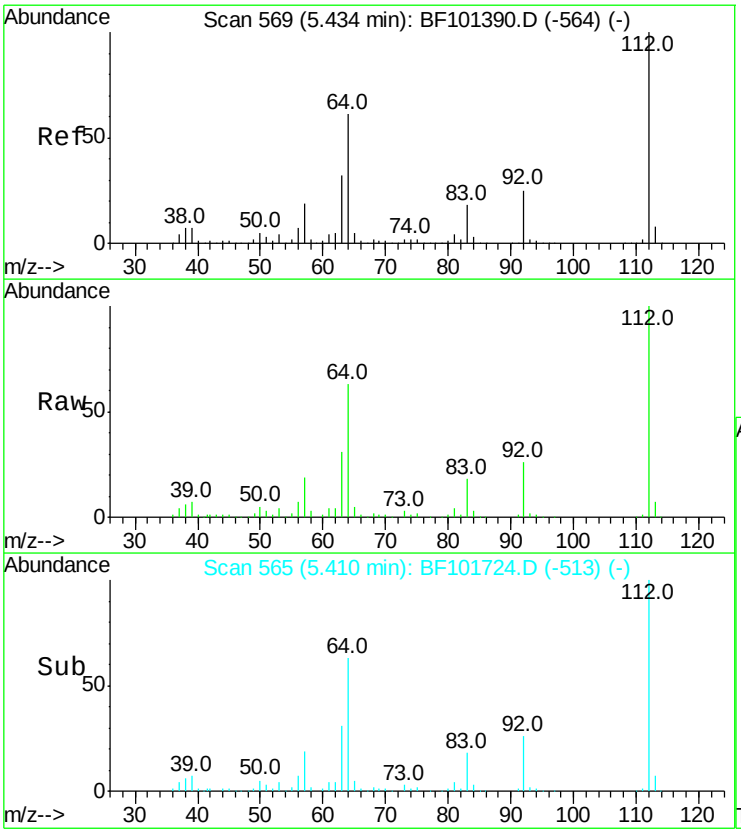
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:152 Resp: 110492

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	56.7	50.1	75.1

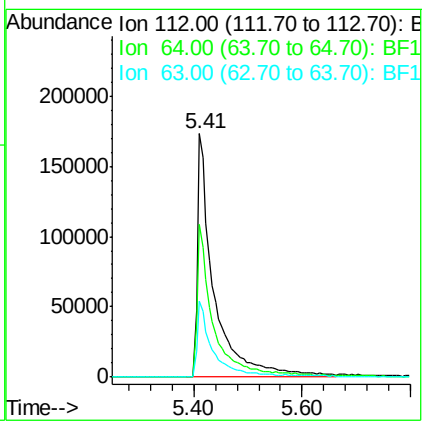


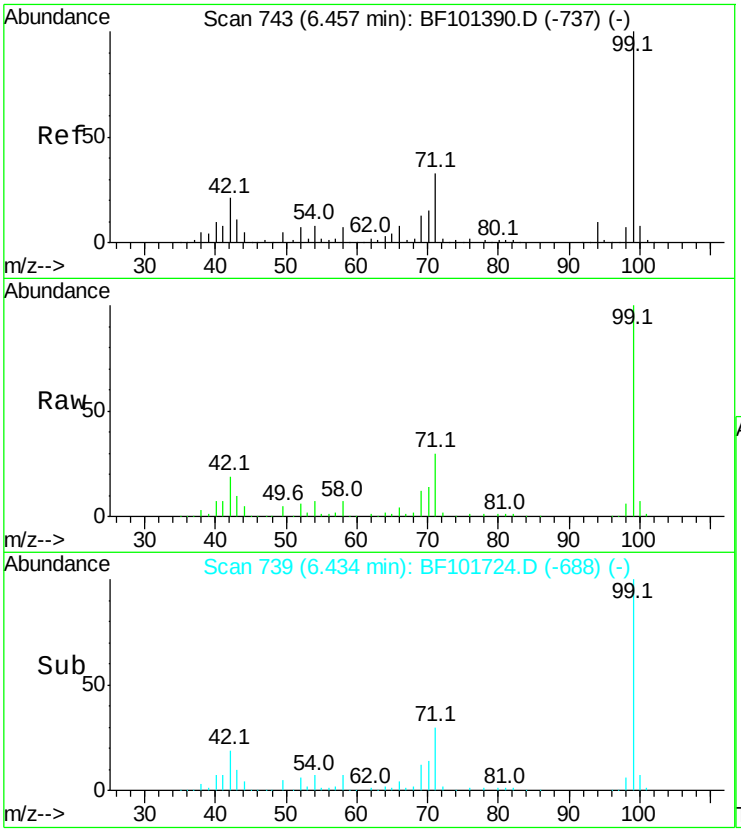


#5
2-Fluorophenol
Concen: 49.489 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:112 Resp: 367096

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.1	23.7	35.5



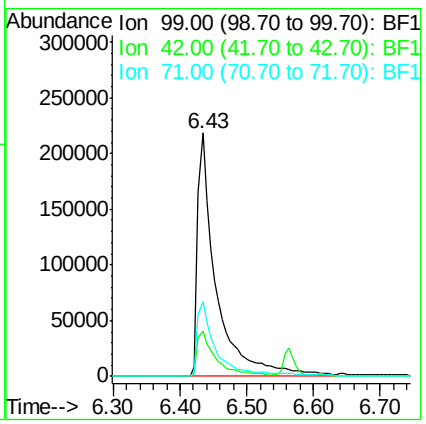


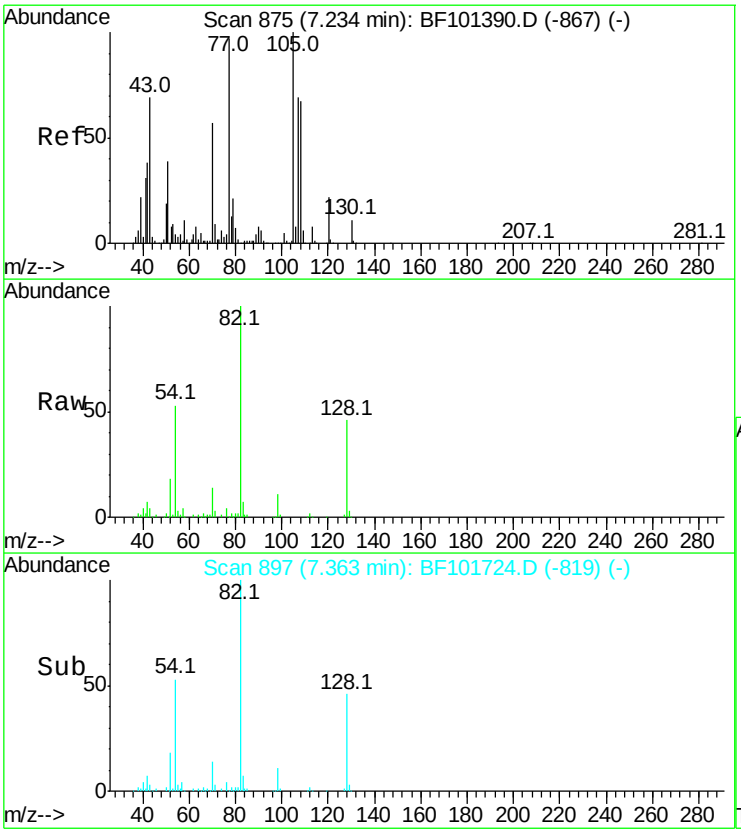
#7
Phenol-d6
Concen: 44.958 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion: 99 Resp: 415034

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	30.4	25.4	38.0

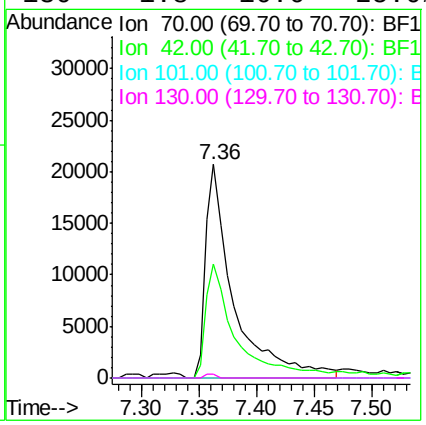


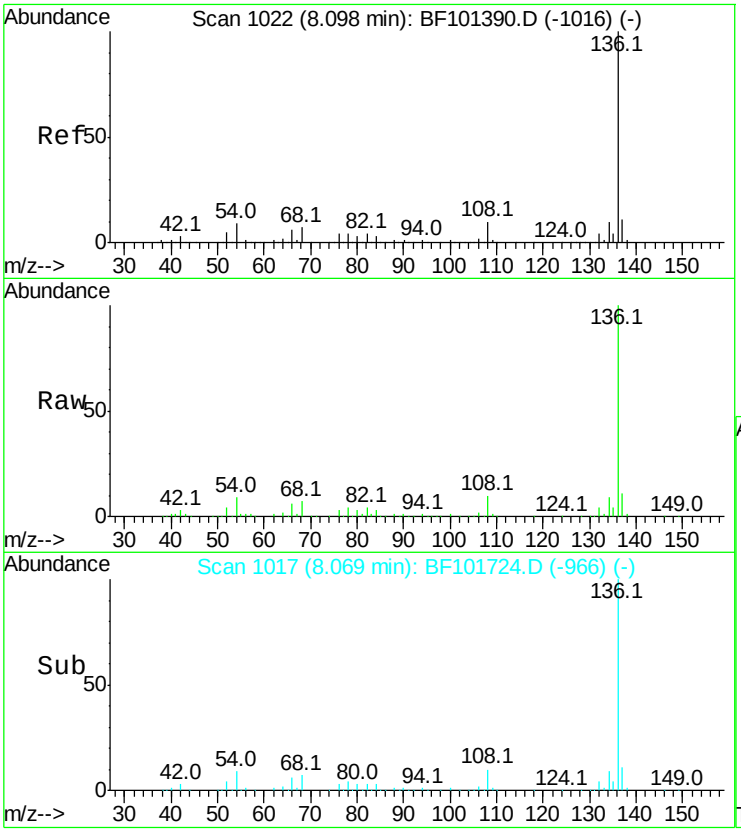


#19
n-Nitroso-di-n-propylamine
Concen: 5.790 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion: 70 Resp: 35104

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



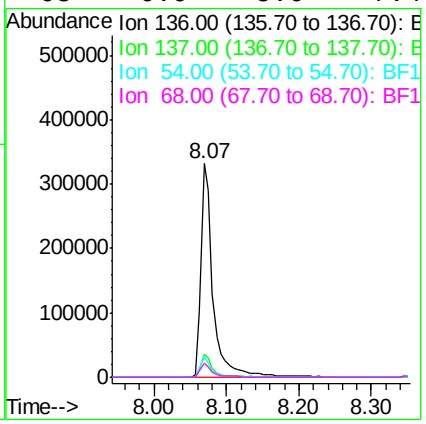


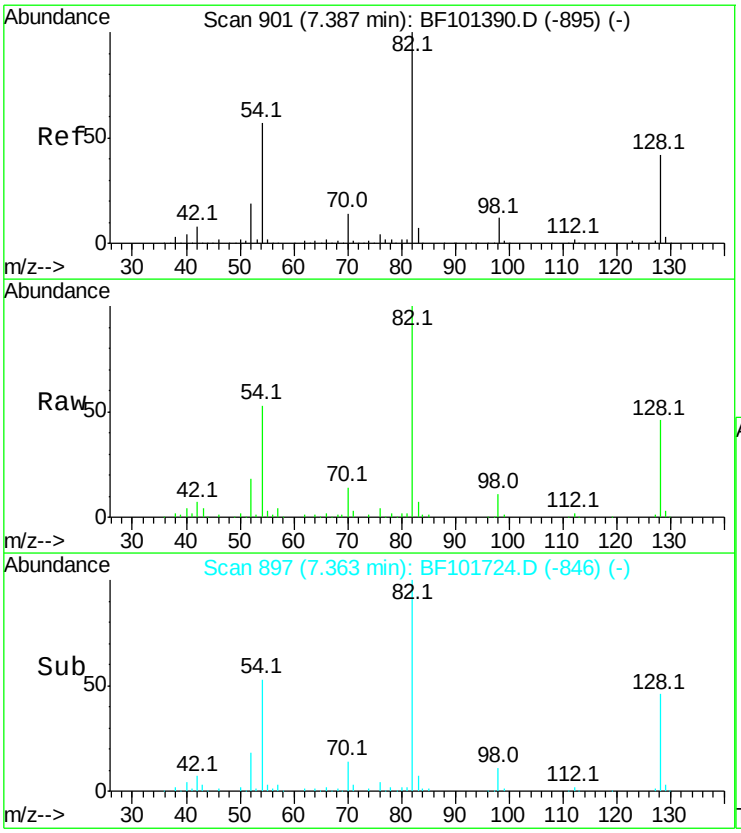
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:136 Resp: 386022

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.9	5.0	7.4

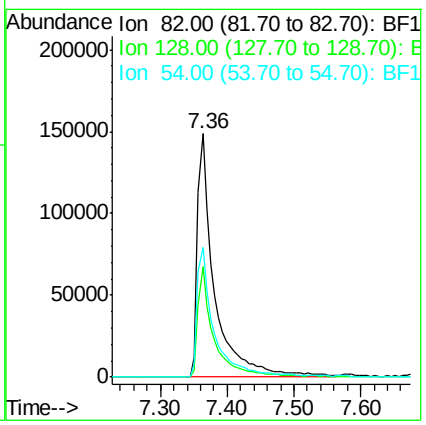


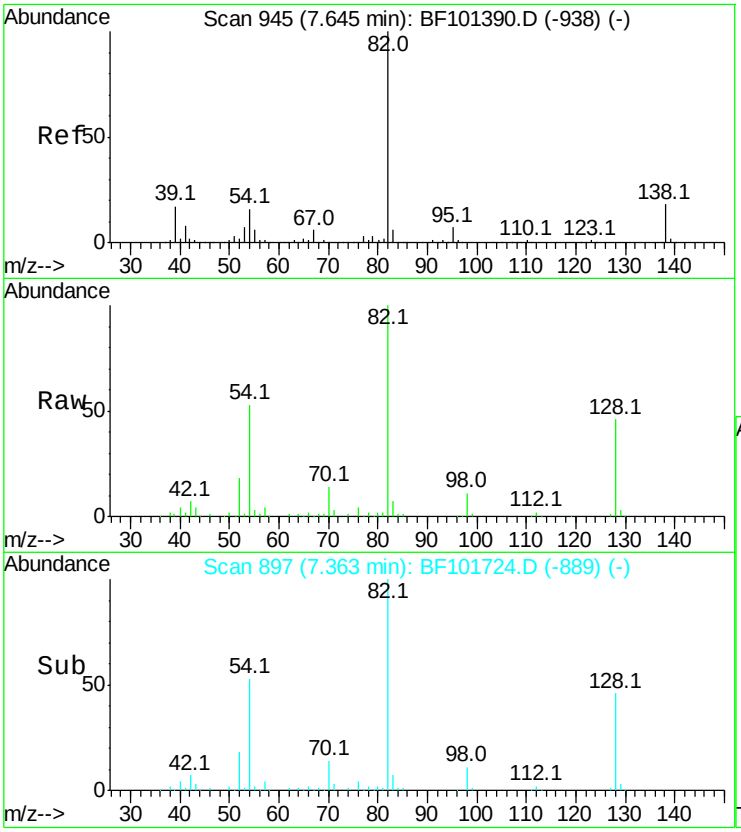


#23
Nitrobenzene-d5
Concen: 36.966 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion: 82 Resp: 256349

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.2	41.4	62.2



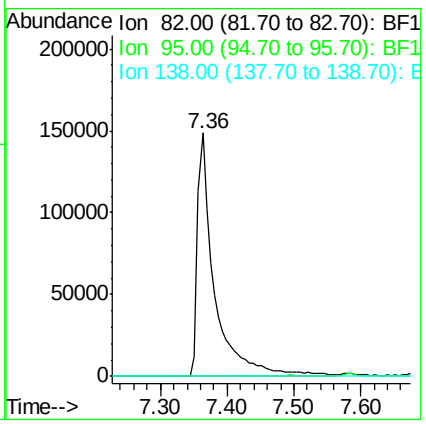


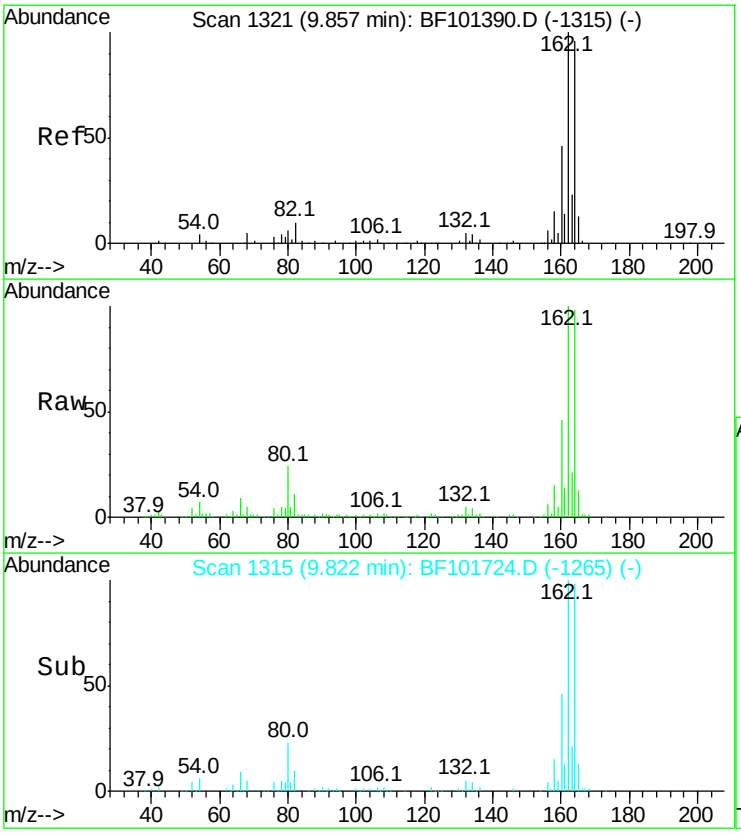
#25
Isophorone
Concen: 18.427 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion: 82 Resp: 256349

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

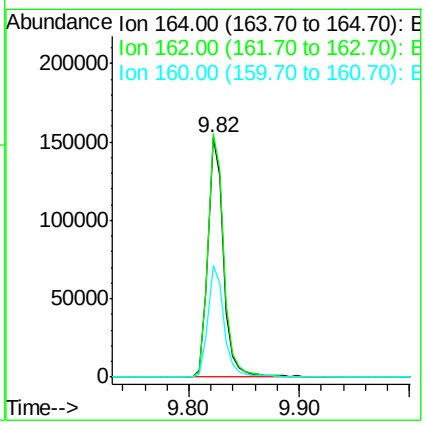


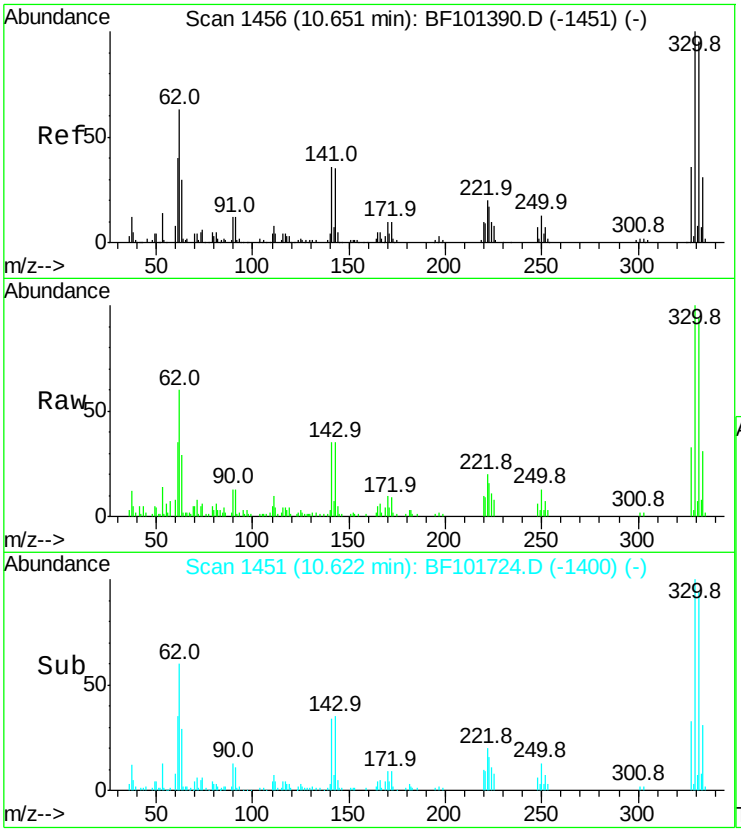


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:164 Resp: 145714

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5



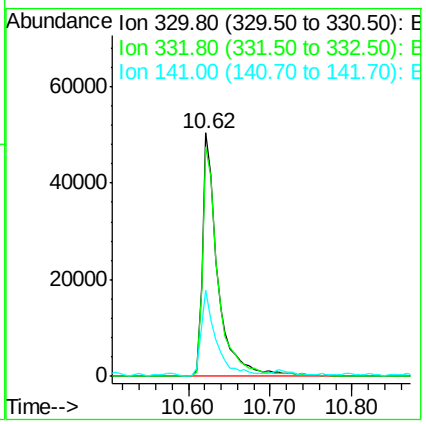


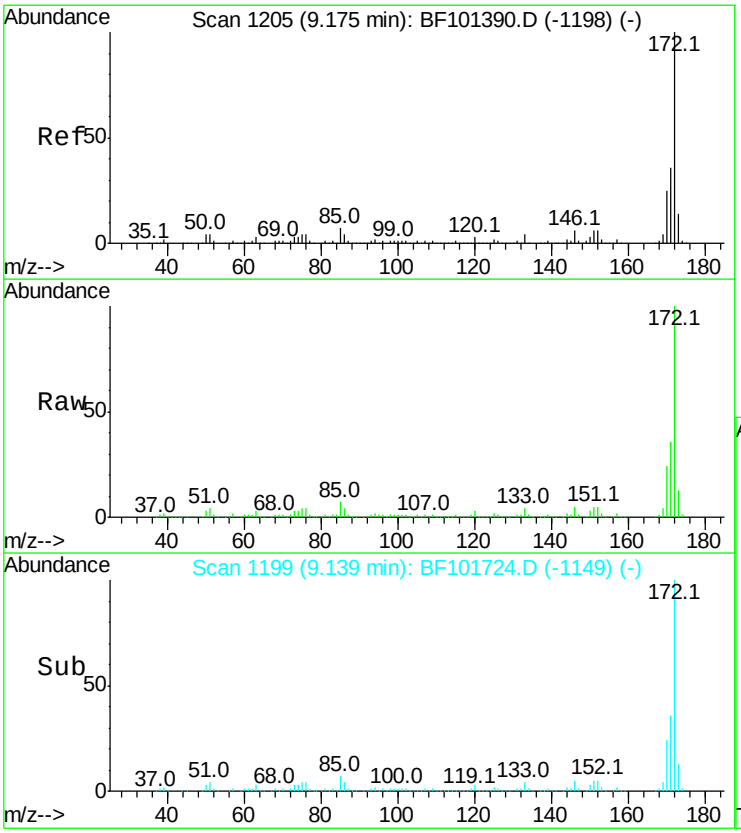
#41
2,4,6-Tribromophenol
Concen: 47.095 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:330 Resp: 66125

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.8	29.9	44.9

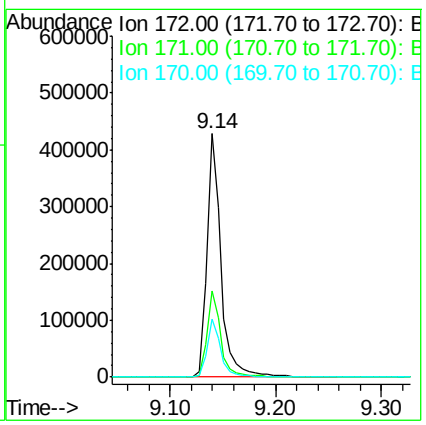


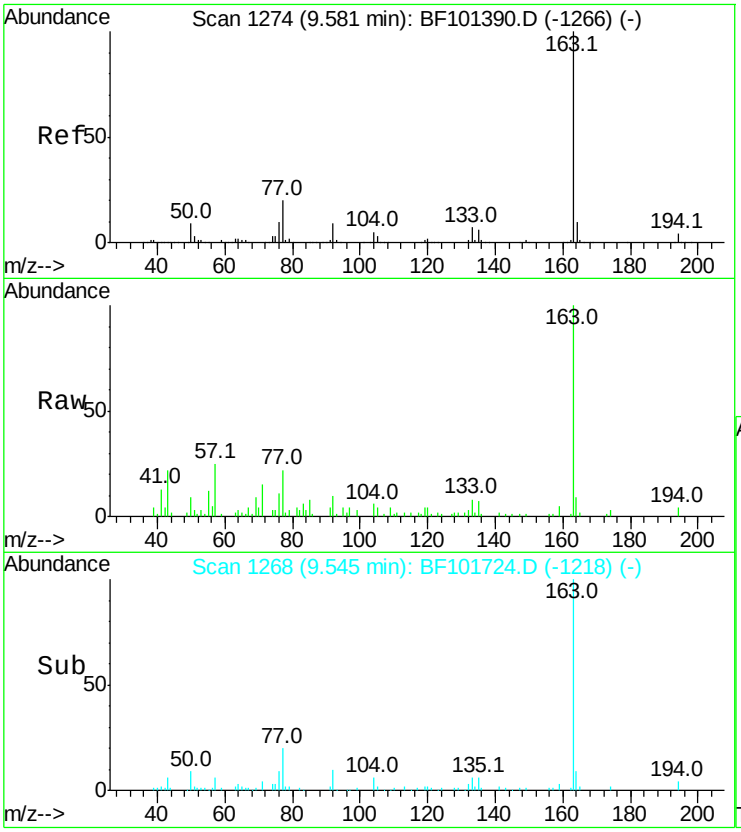


#44
2-Fluorobiphenyl
Concen: 42.514 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:172 Resp: 399349

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4



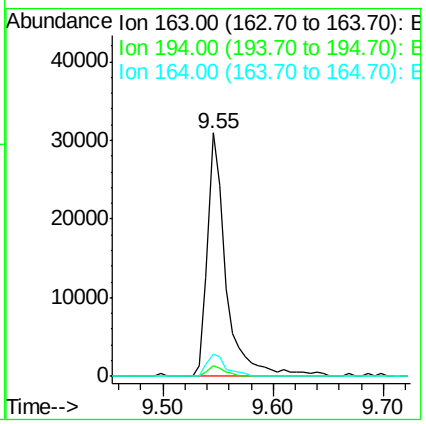


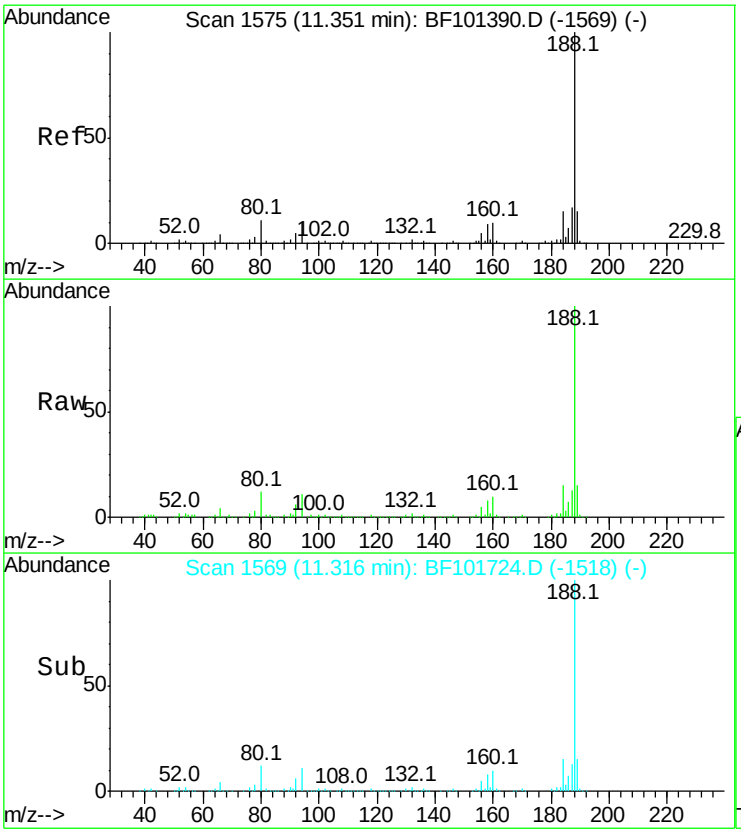
#49
Dimethylphthalate
Concen: 3.052 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:163 Resp: 35767

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.2	8.2	12.2

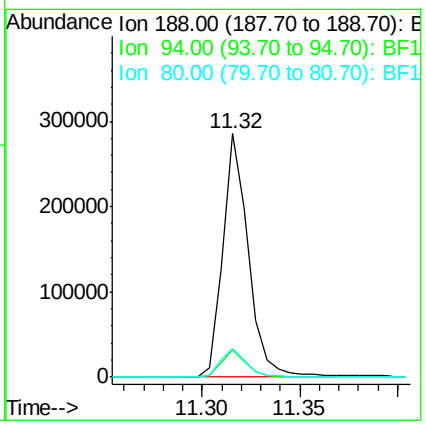


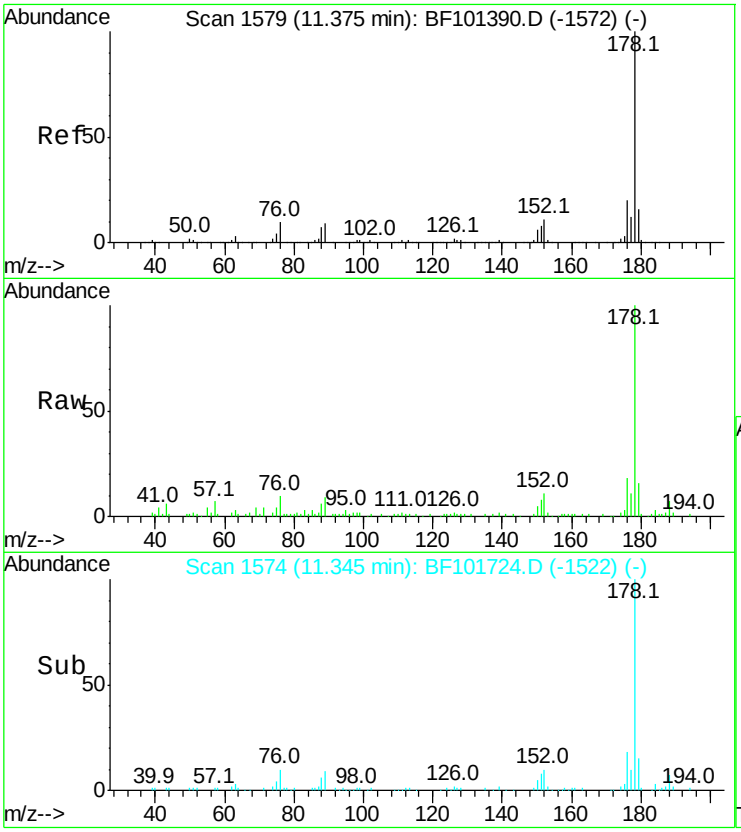


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:188 Resp: 258035

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	9.2	13.8



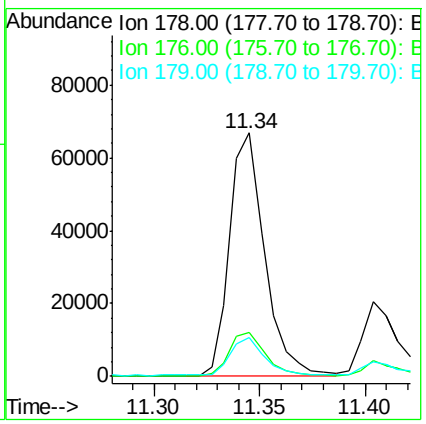


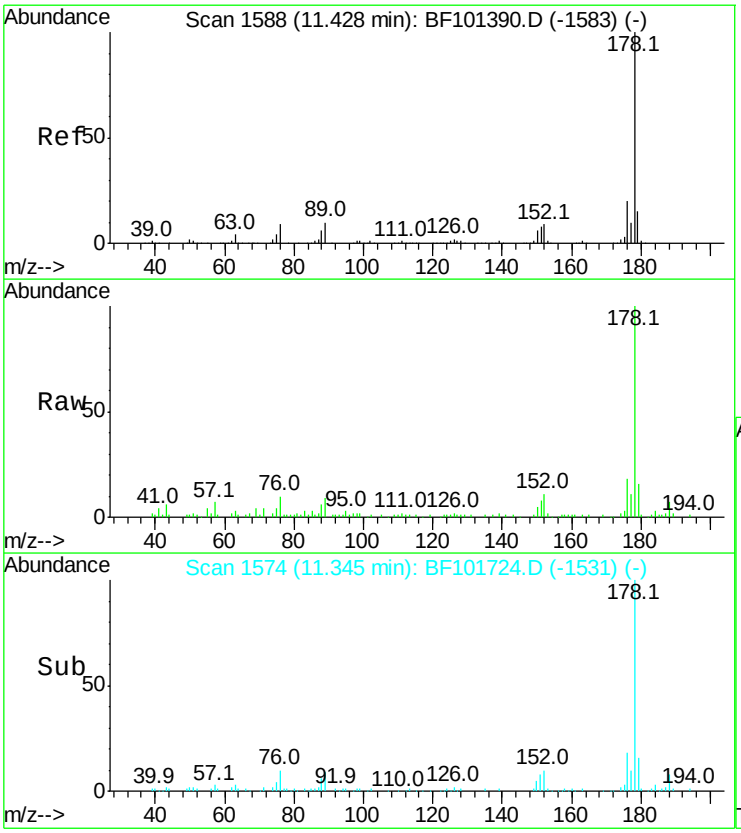
#70
Phenanthrene
Concen: 5.372 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:178 Resp: 77088

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.9	13.0	19.6

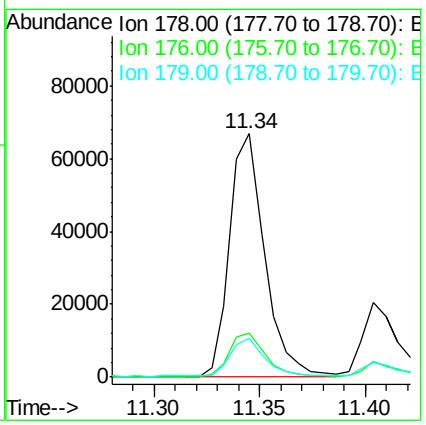


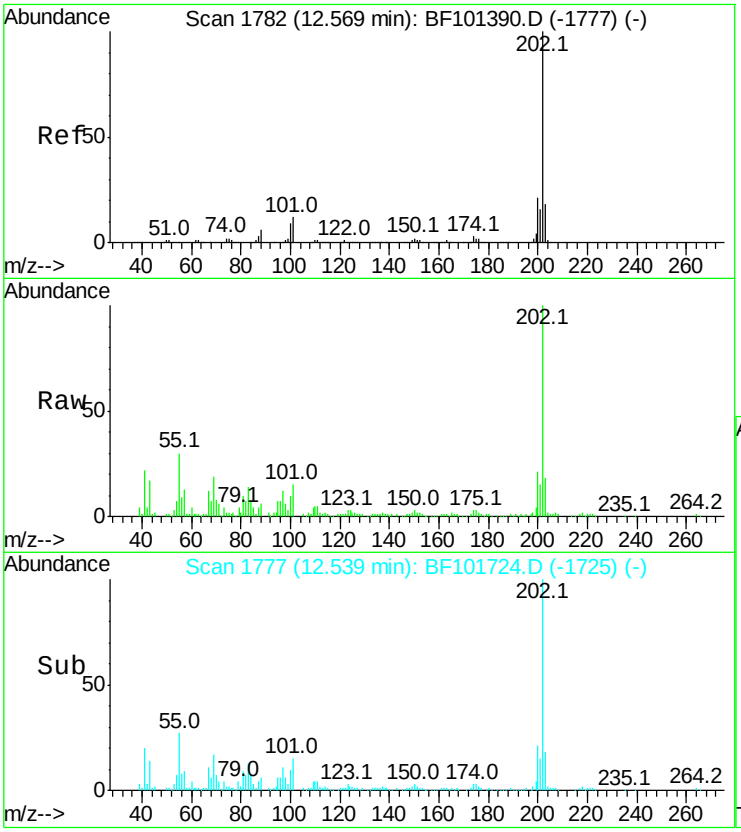


#71
Anthracene
Concen: 5.259 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.05 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:178 Resp: 77088

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.9	12.6	19.0



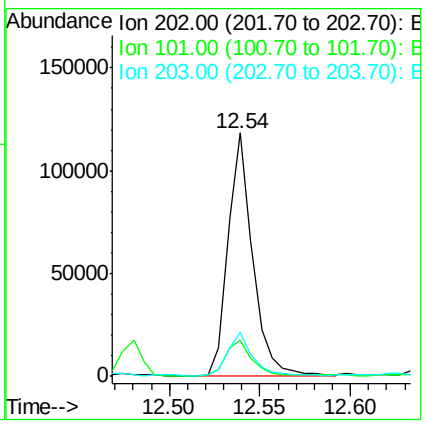


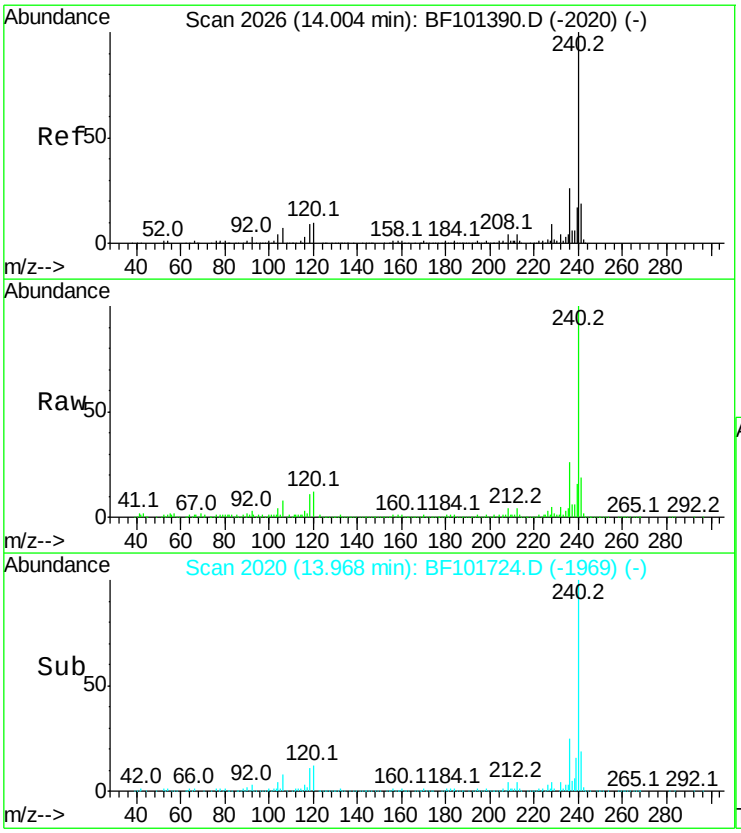
#74
Fluoranthene
Concen: 7.372 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:202 Resp: 111037

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	18.3	0.0	38.1

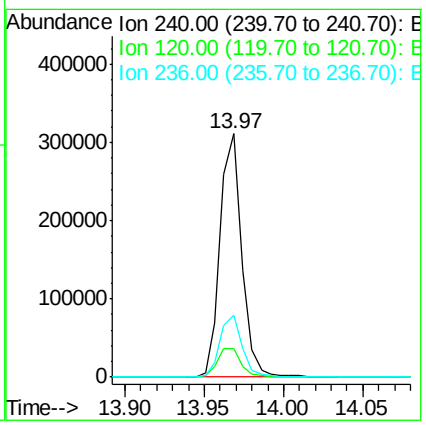


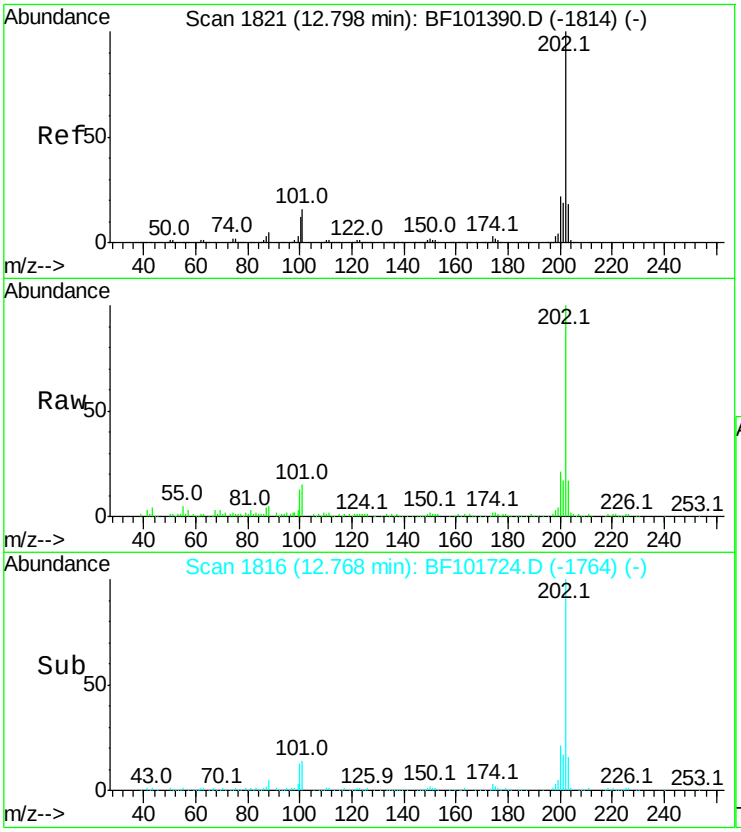


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:240 Resp: 293992

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.5	20.7	31.1



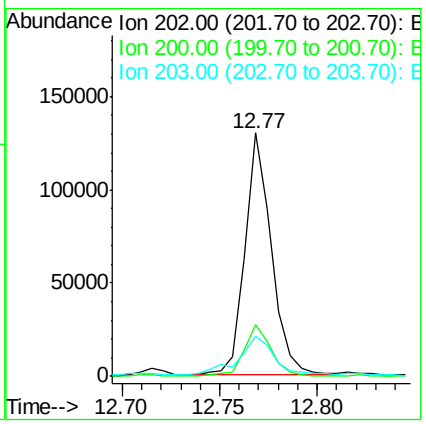


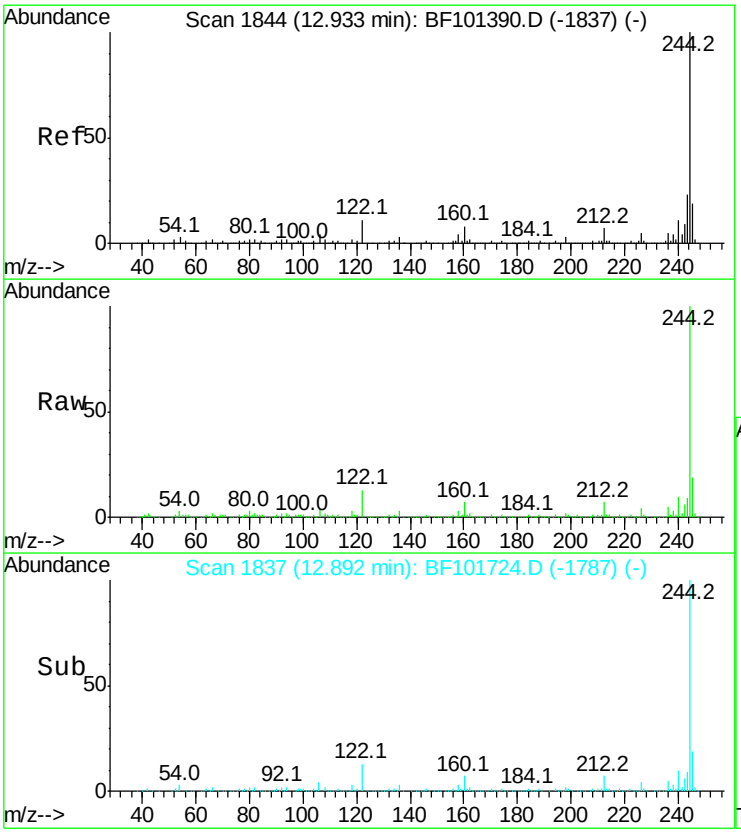
#77
Pyrene
Concen: 5.536 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:202 Resp: 122148

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.5	14.3	21.5

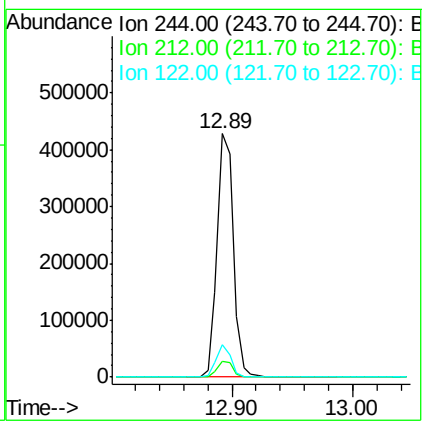


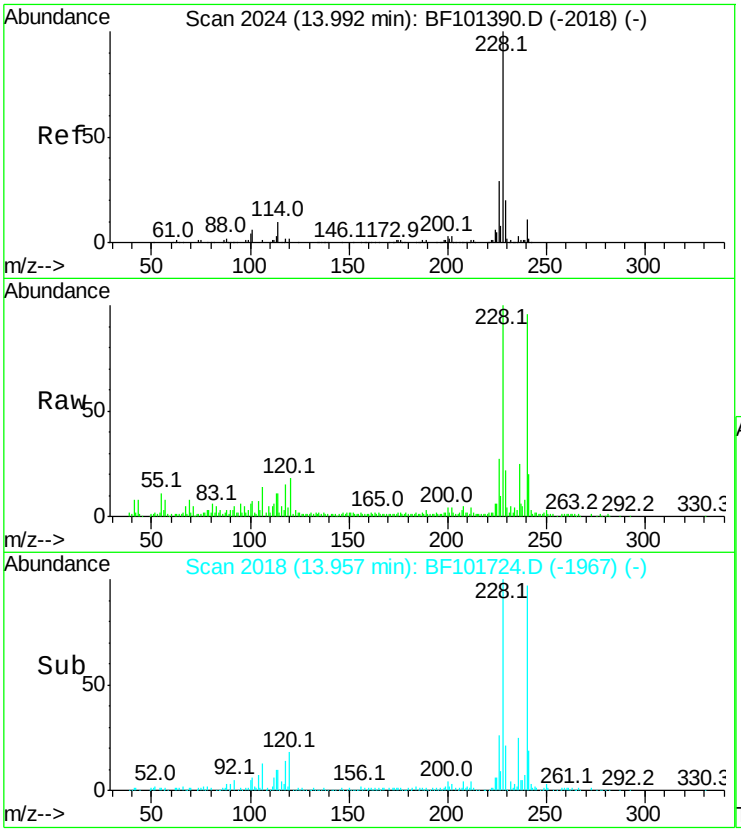


#78
Terphenyl-d14
Concen: 32.382 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:244 Resp: 394895

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4



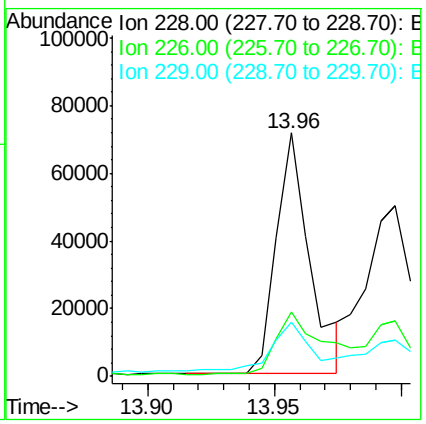


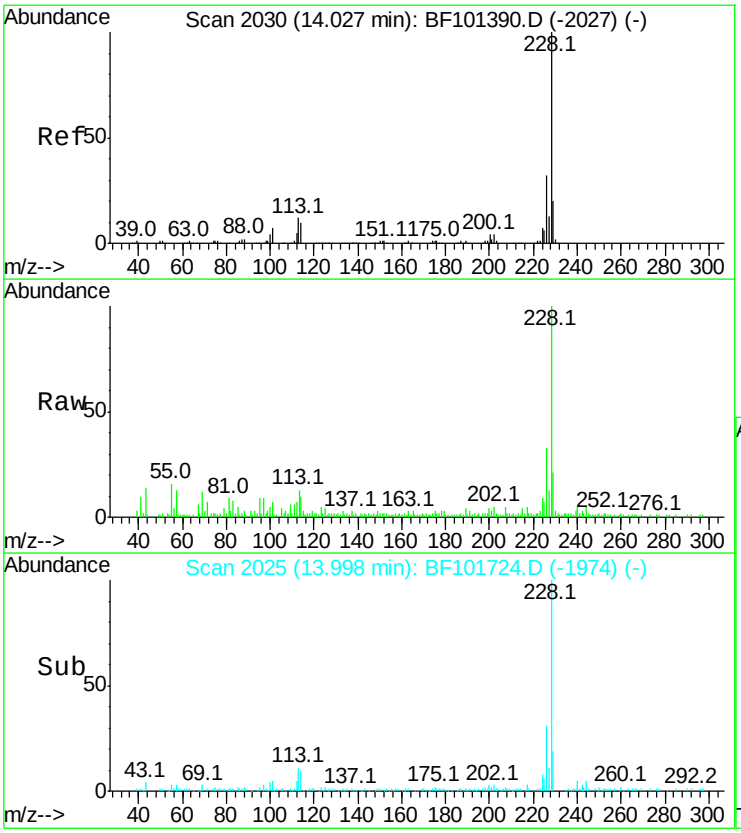
#80
Benzo(a)anthracene
Concen: 3.406 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:228 Resp: 66119

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	22.5	15.8	23.6

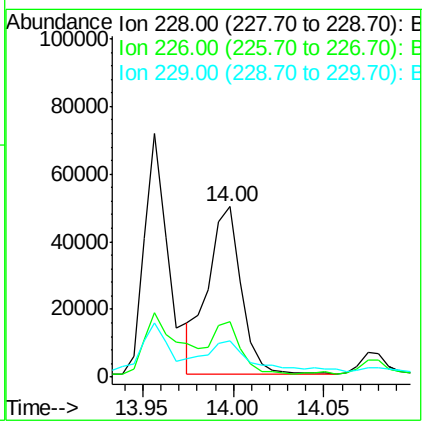


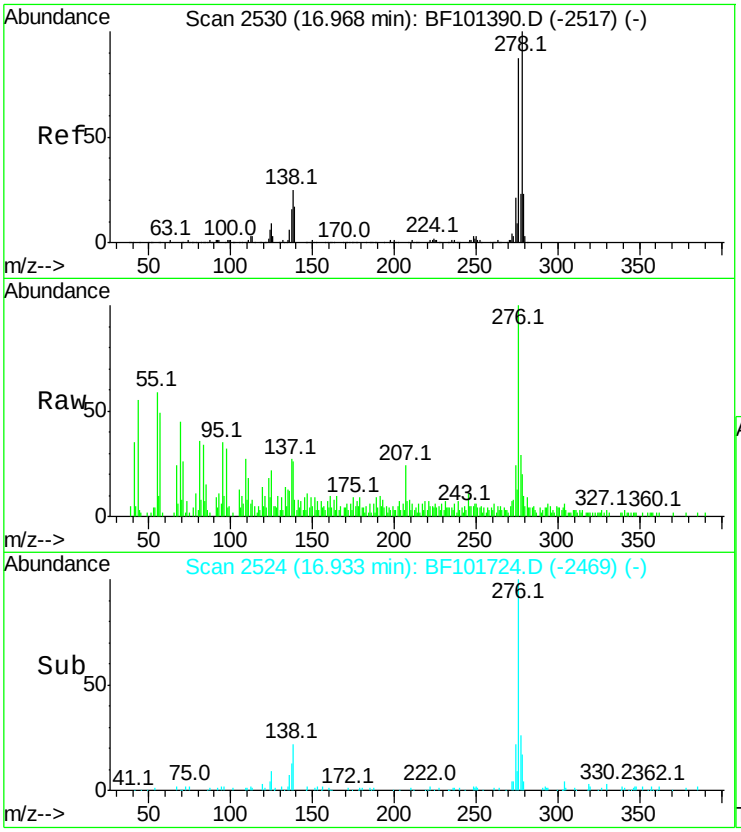


#82
Chrysene
Concen: 3.468 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:228 Resp: 63566

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	21.3	16.2	24.4



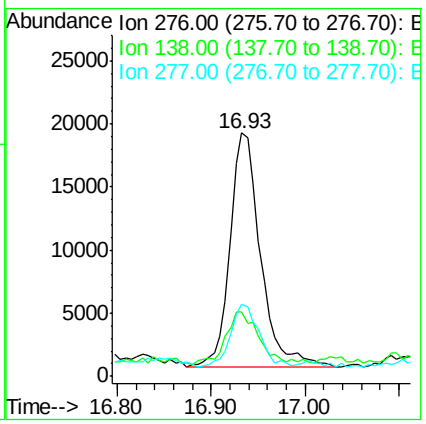


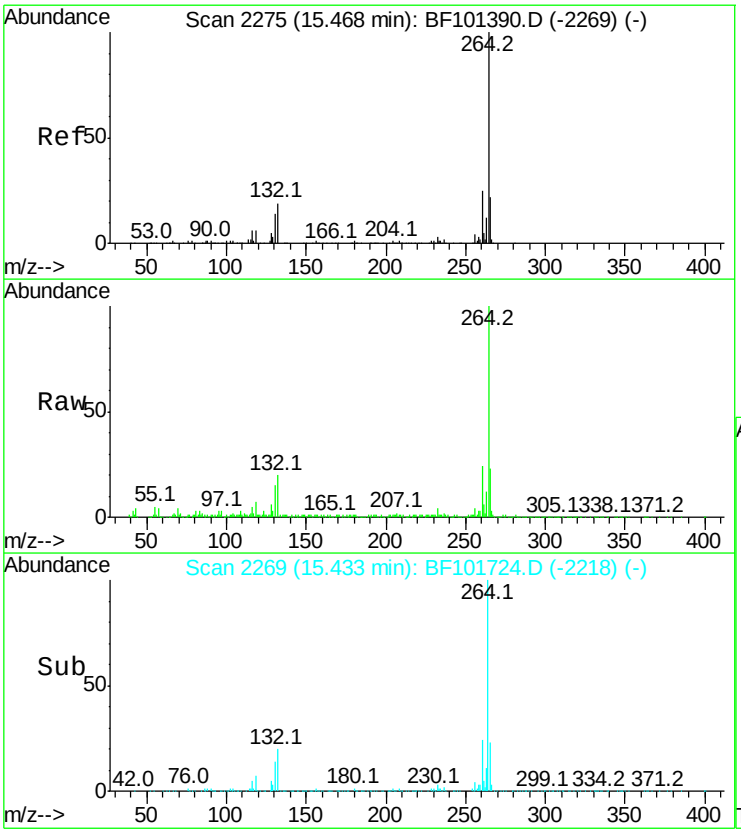
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.563 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:276 Resp: 41837

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	24.7	20.1	30.1

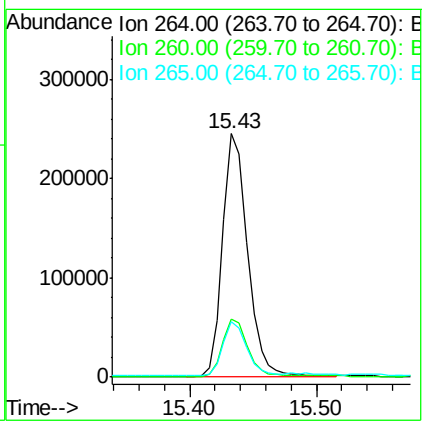


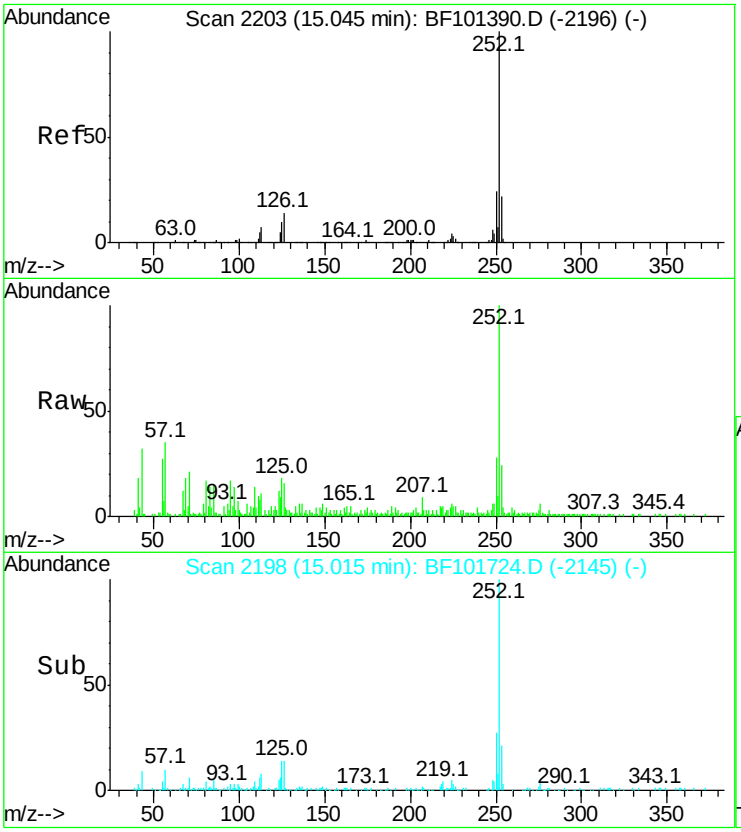


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:264 Resp: 334972

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3



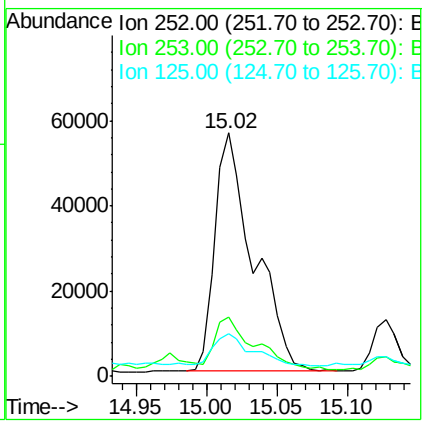


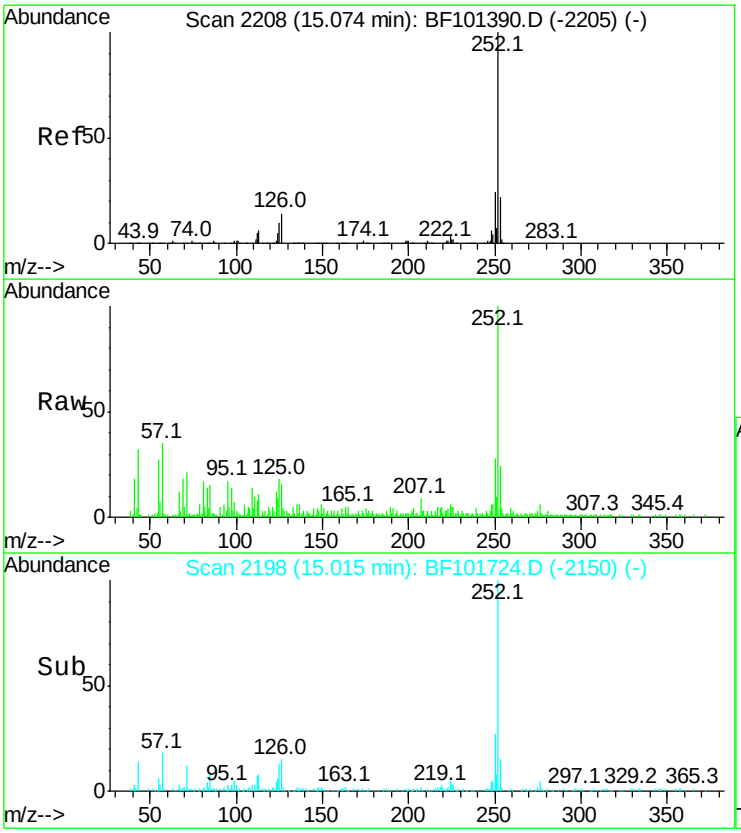
#87
Benzo(b)fluoranthene
Concen: 5.244 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:252 Resp: 107059

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	17.6	9.0	13.6#

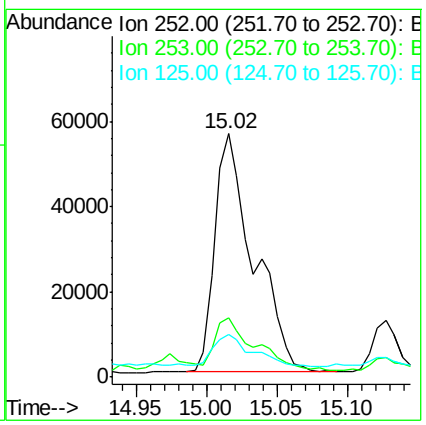


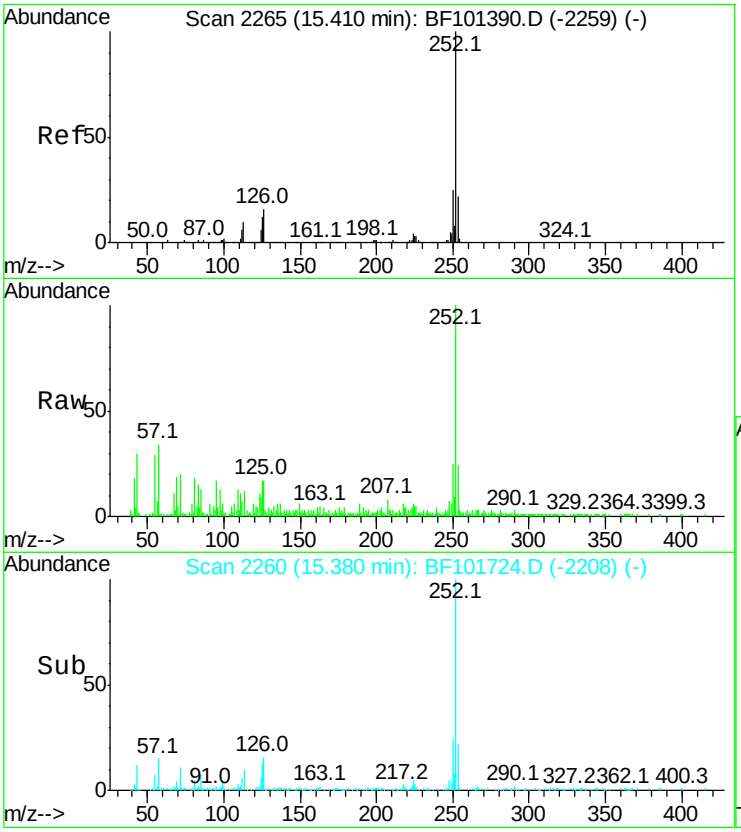


#88
Benzo(k)fluoranthene
Concen: 5.393 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:252 Resp: 107059

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	17.6	10.2	15.2#



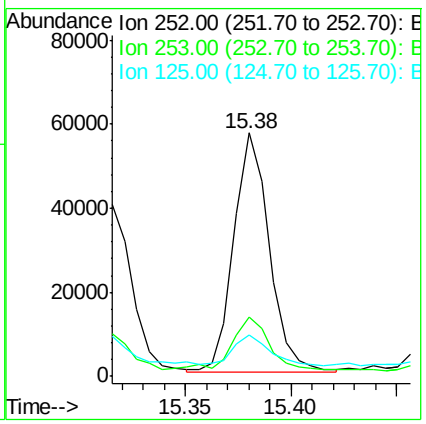


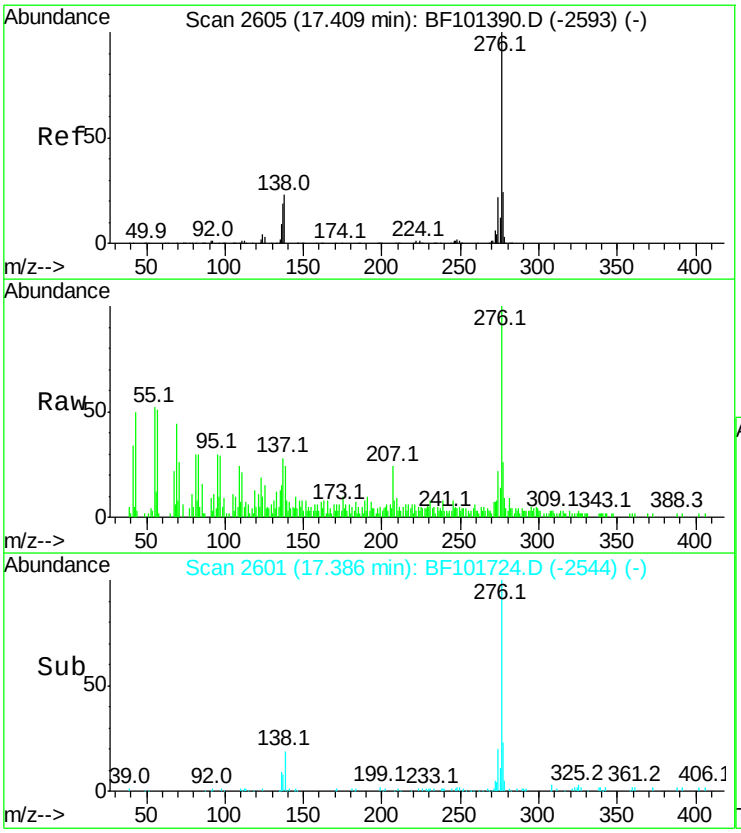
#89
Benzo(a)pyrene
Concen: 3.520 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion:252 Resp: 66245

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.752 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.04 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion:276 Resp: 44038

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	24.2	21.8	32.8