Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101533.D
Acq On : 19 Dec 2017 20:09
Operator : SJ/JU
Sample : I6682-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-121817-B

Quant Time: Dec 20 06:59:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131435	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	505800	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	199483	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	312406	20.00	ng		0.00
75) Chrysene-d12	13.99	240	275321	20.00	ng		0.00
86) Perylene-d12	15.46	264	325004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	210744	23.88	ng		0.01
7) Phenol-d6	6.45	99	251569	22.91	ng		0.00
23) Nitrobenzene-d5	7.37	82	150330	16.54	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	37228	19.37	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	253645	19.72	ng		0.00
78) Terphenyl-d14	12.92	244	166080	14.54	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.37	82	145058	7.958	ng	#	65
50) 2,6-Dinitrotoluene	9.85	165	28071	8.608	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	28071	7.640	ng	#	23
70) Phenanthrene	11.36	178	69342	3.991	ng		97
74) Fluoranthene	12.56	202	158071	8.668	ng		98
77) Pyrene	12.79	202	148140	7.169	ng		99
80) Benzo(a)anthracene	13.97	228	114319	6.288	ng		97
82) Chrysene	14.02	228	100426	5.851	ng		97
85) Indeno(1,2,3-cd)pyrene	16.94	276	59284	3.878	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	209125	10.557	ng		99
88) Benzo(k)fluoranthene	15.03	252	209125	10.858	ng		99
89) Benzo(a)pyrene	15.40	252	111336	6.097	ng		99
91) Benzo(g,h,i)perylene	17.40	276	49444	3.185	ng		94

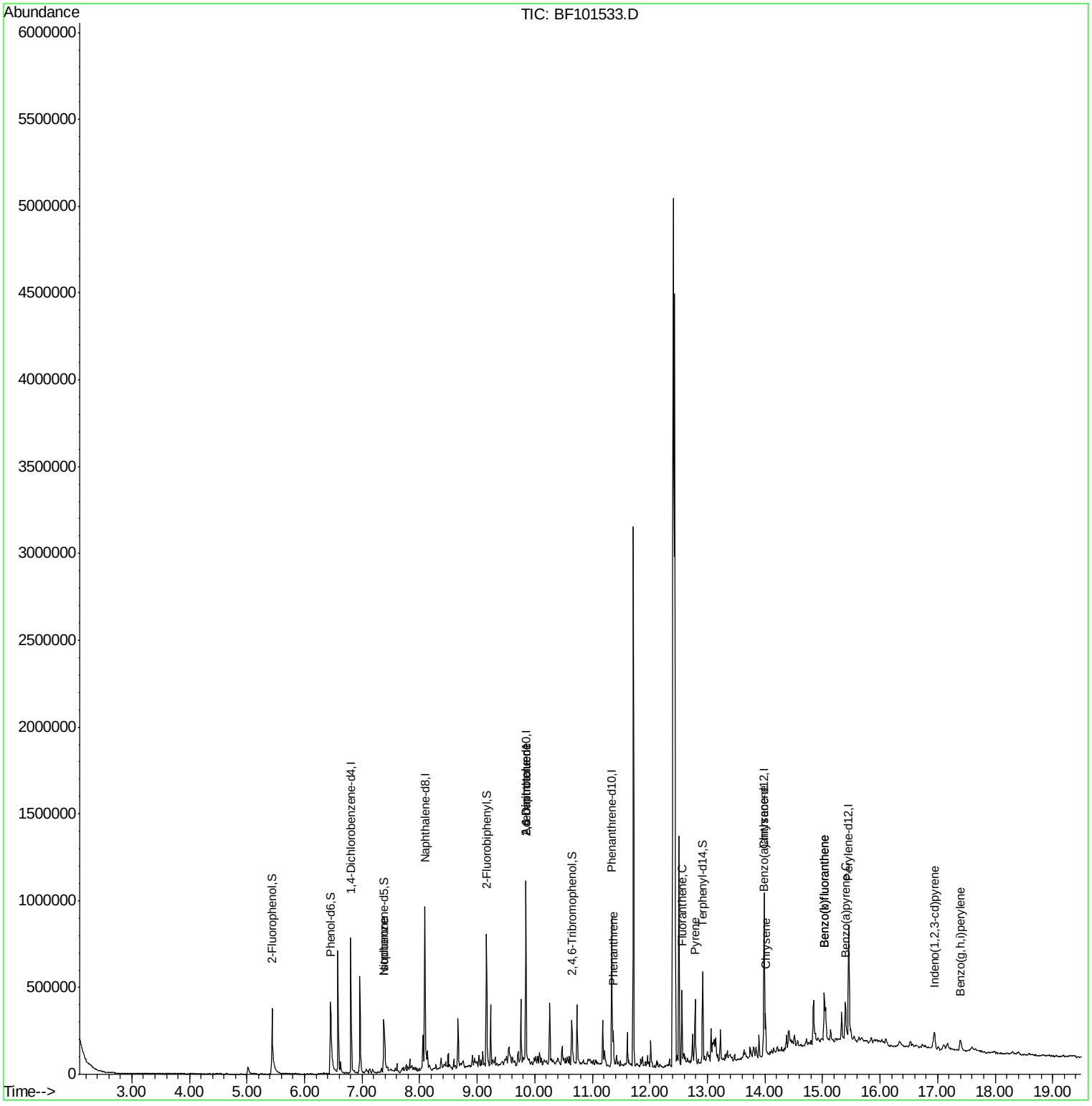
(#) = qualifier out of range (m) = manual integration (+) = signals summed

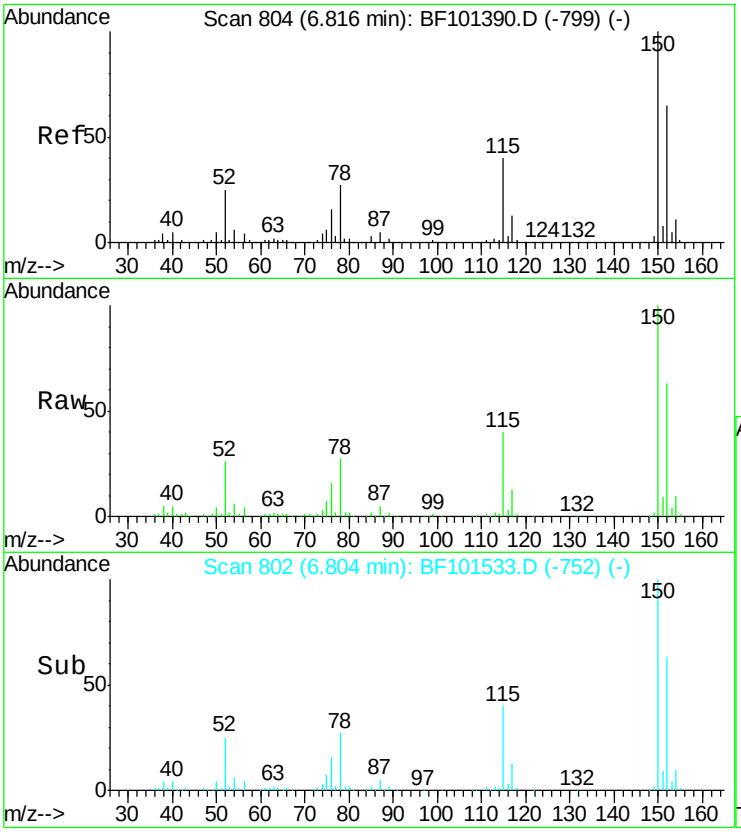
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101533.D
Acq On : 19 Dec 2017 20:09
Operator : SJ/JU
Sample : I6682-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Quant Time: Dec 20 06:59:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



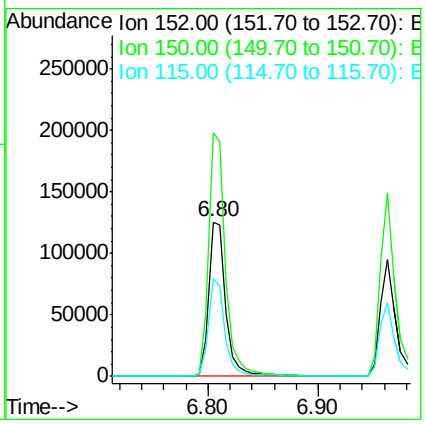


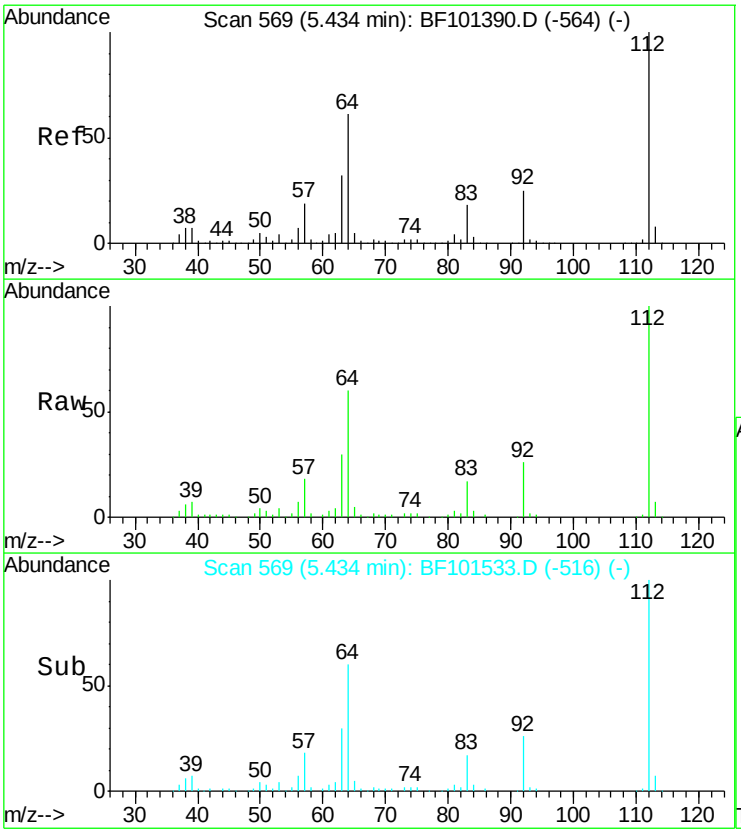
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:152 Resp: 131435

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.8	50.1	75.1

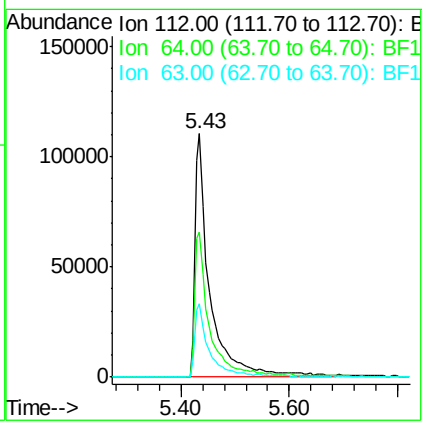


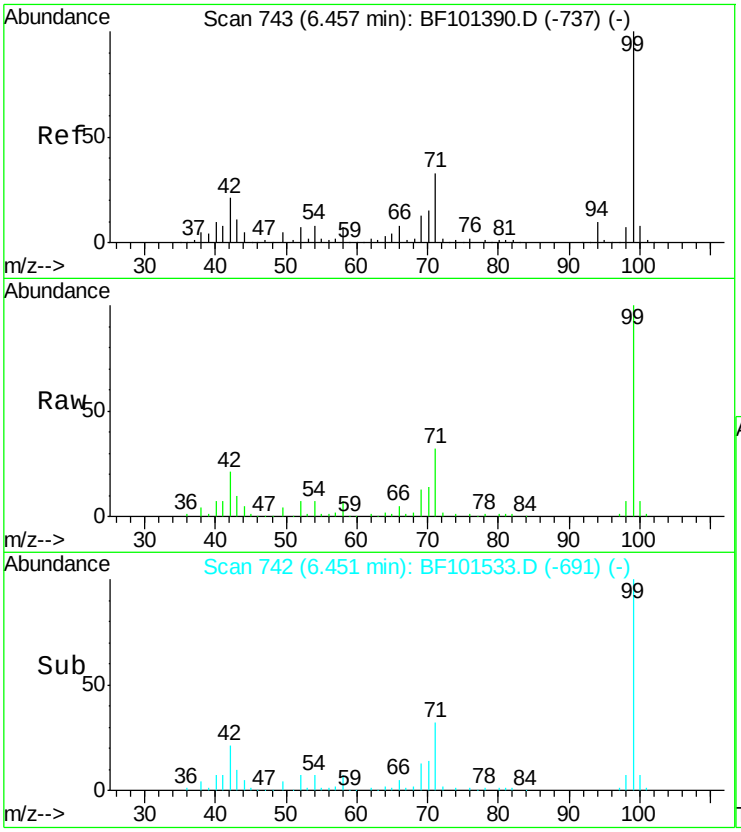


#5
2-Fluorophenol
Concen: 23.884 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:112 Resp: 210744

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.1	23.7	35.5



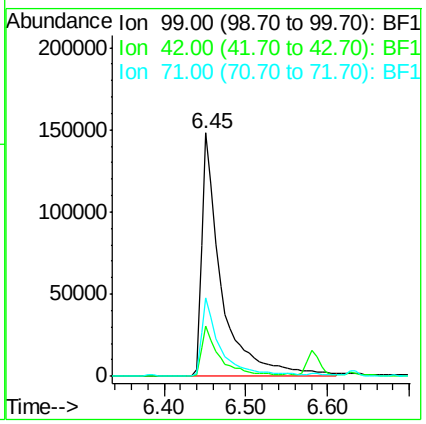


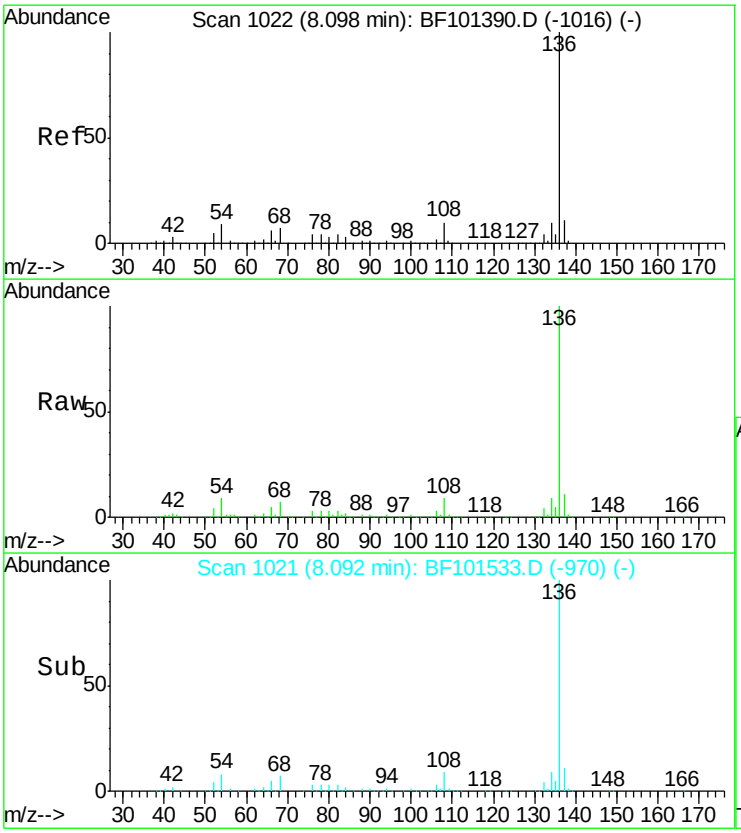
#7
Phenol-d6
Concen: 22.909 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion: 99 Resp: 251569

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	32.1	25.4	38.0

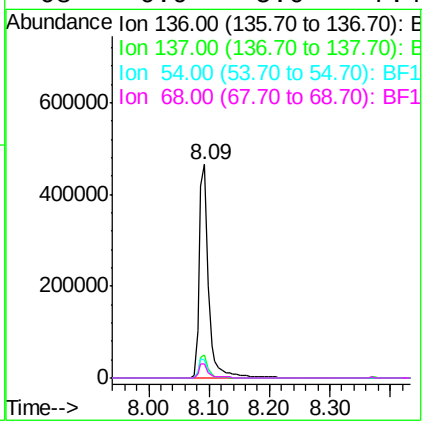


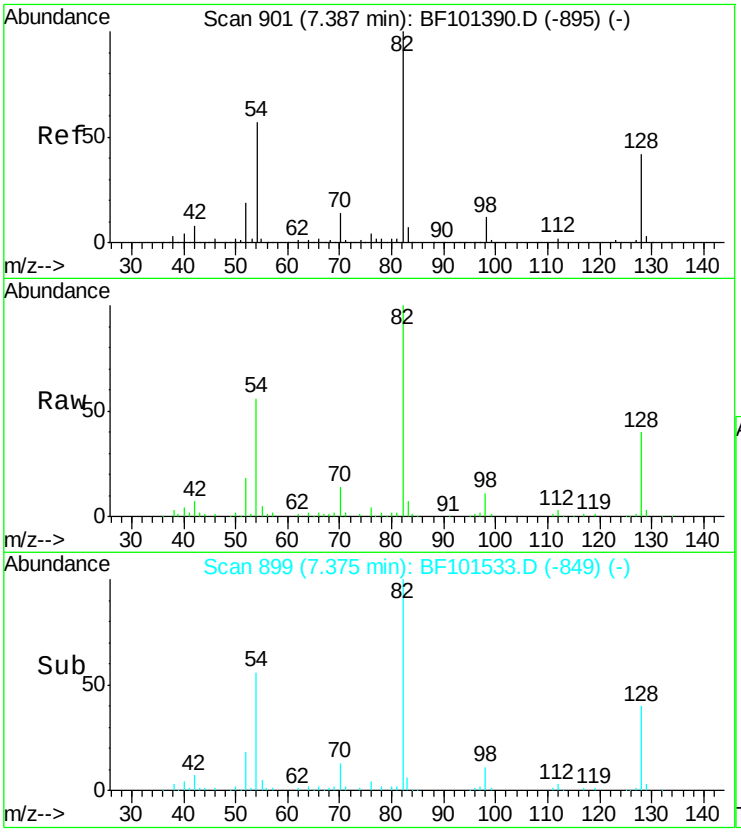


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:136 Resp: 505800

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.9	5.0	7.4



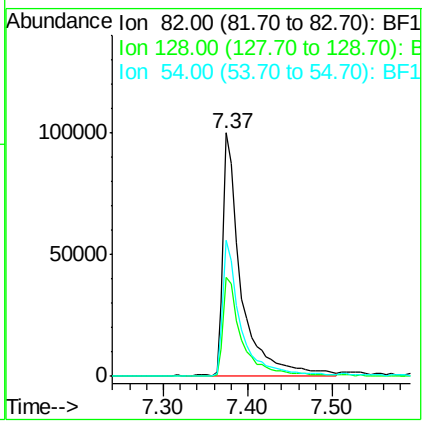


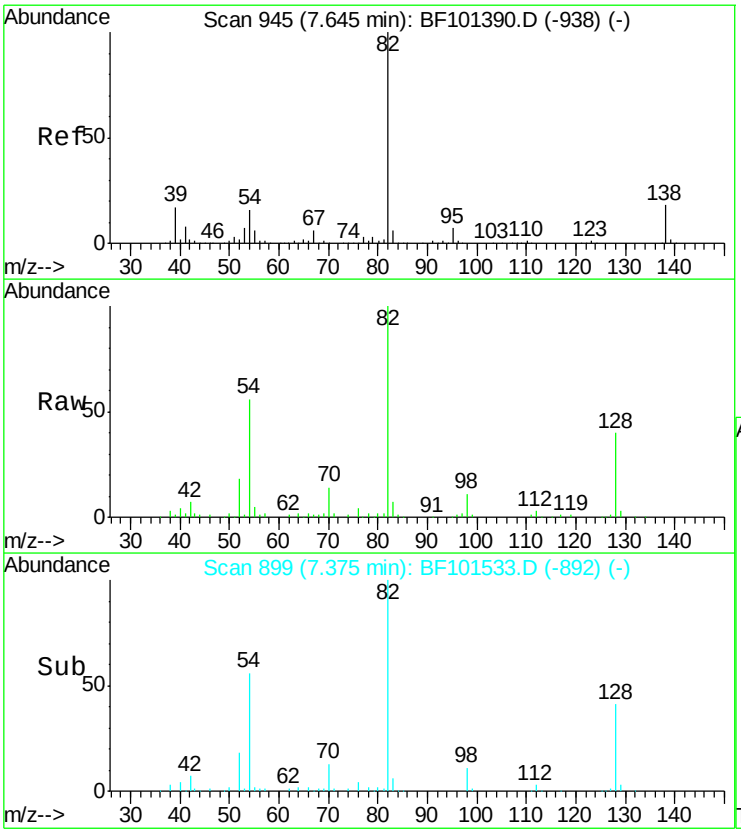
#23
Nitrobenzene-d5
Concen: 16.545 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion: 82 Resp: 150330

Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	55.8	41.4	62.2

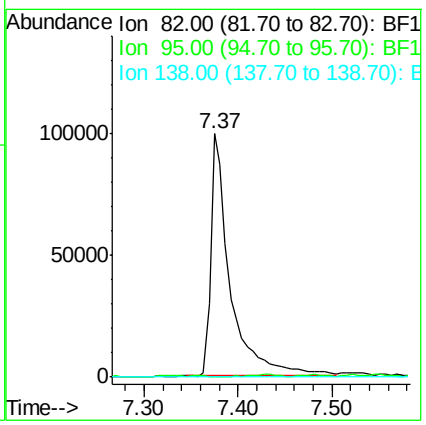


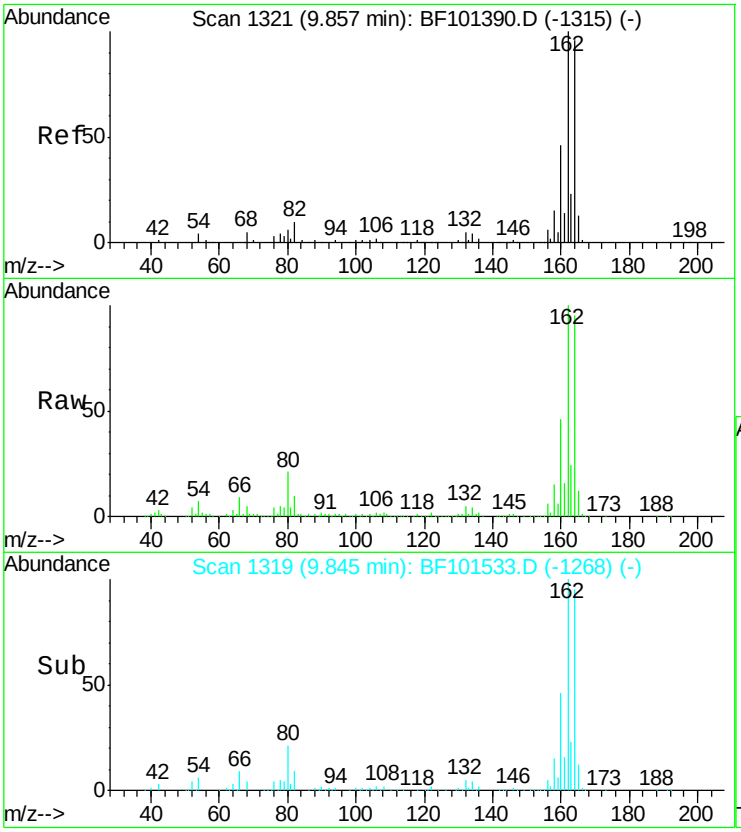


#25
Isophorone
Concen: 7.958 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion: 82 Resp: 145058

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#



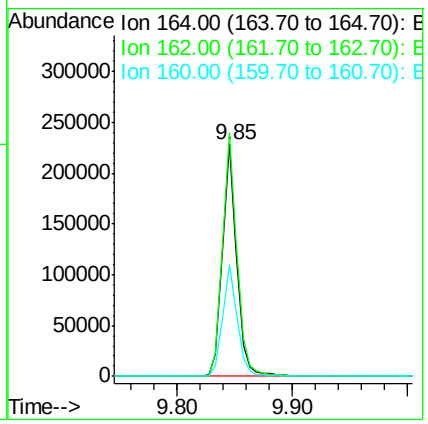


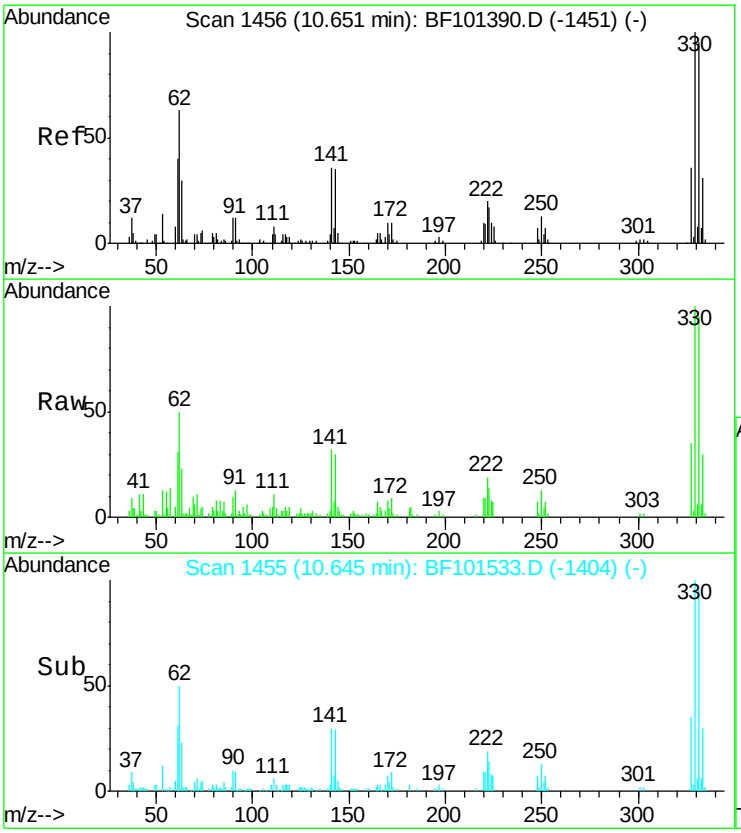
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:164 Resp: 199483

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	48.2	38.3	57.5

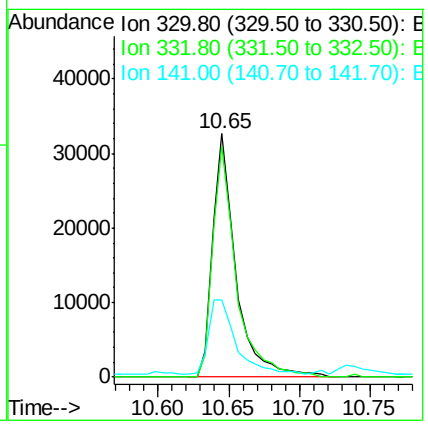


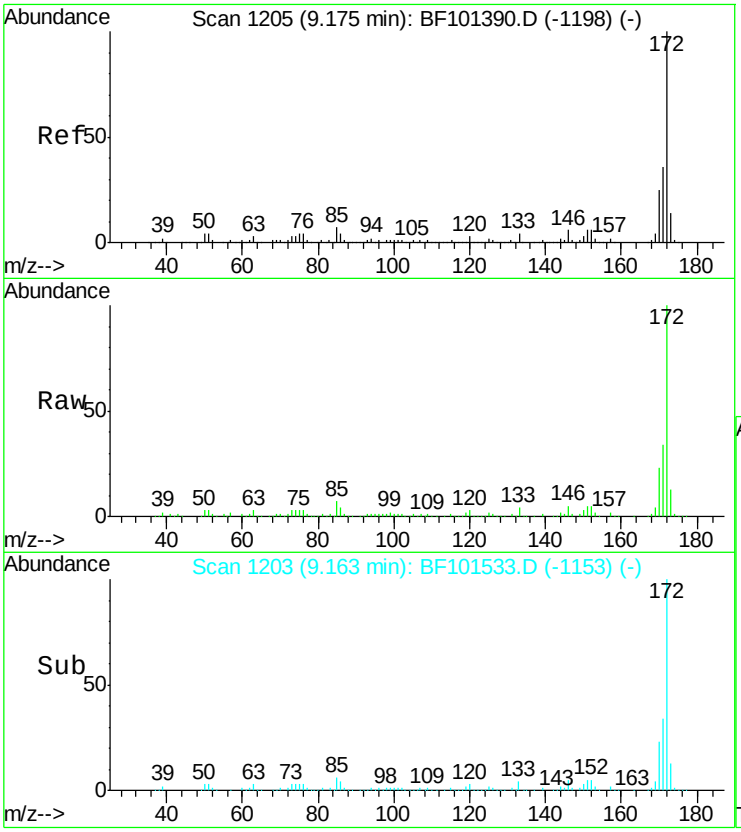


#41
2,4,6-Tribromophenol
Concen: 19.368 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:330 Resp: 37228

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.7	29.9	44.9



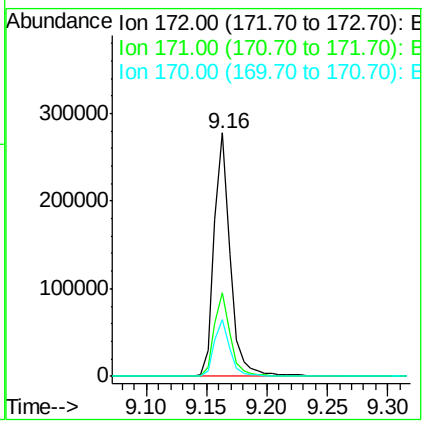


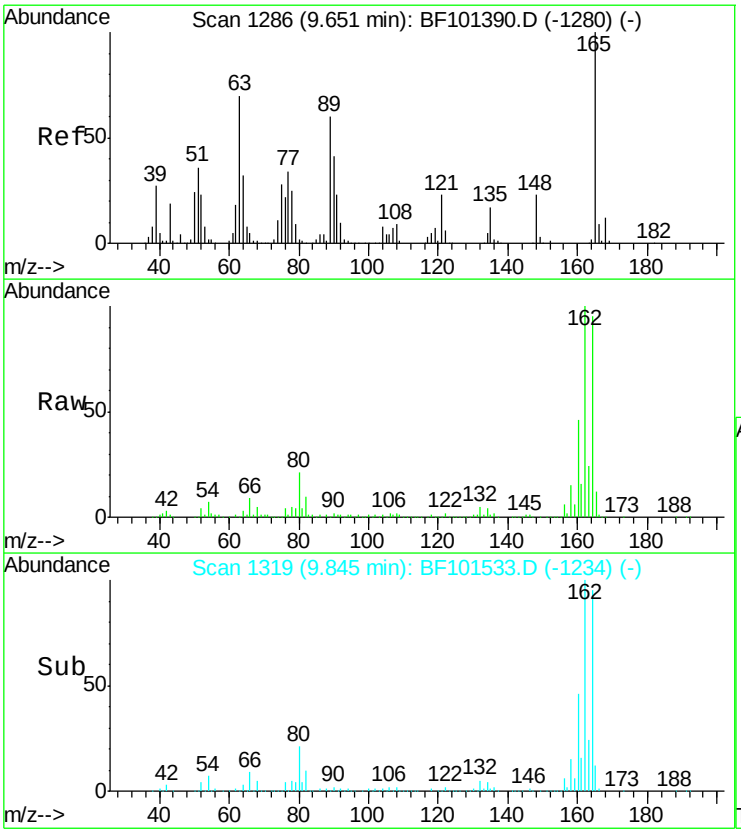
#44
2-Fluorobiphenyl
Concen: 19.724 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:172 Resp: 253645

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.3	19.6	29.4

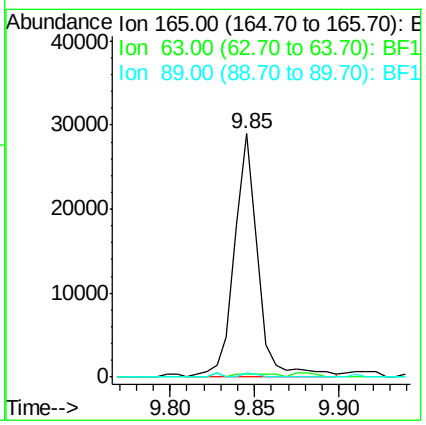


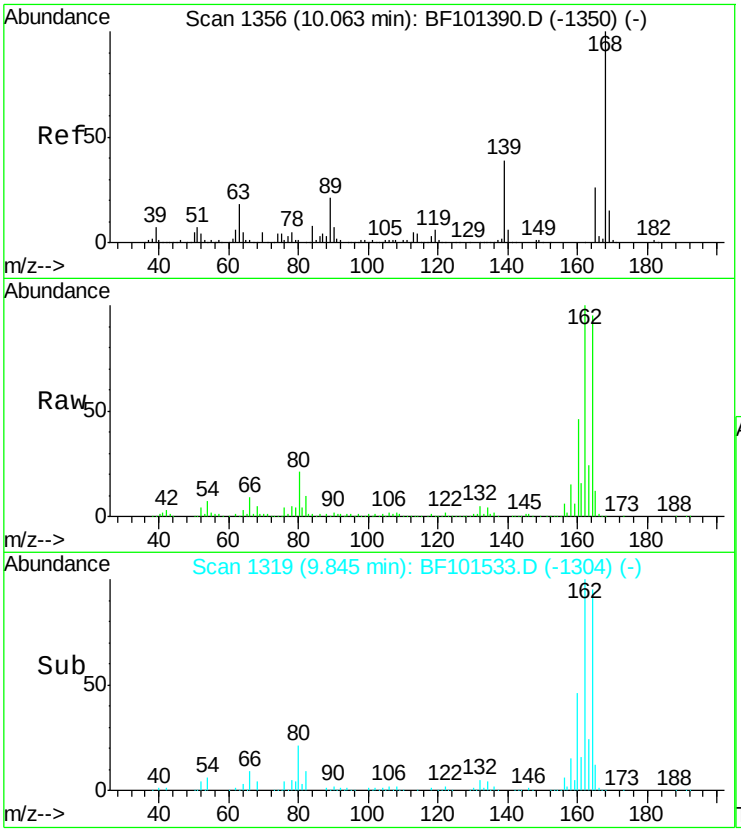


#50
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:165 Resp: 28071

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	44.0	66.0#



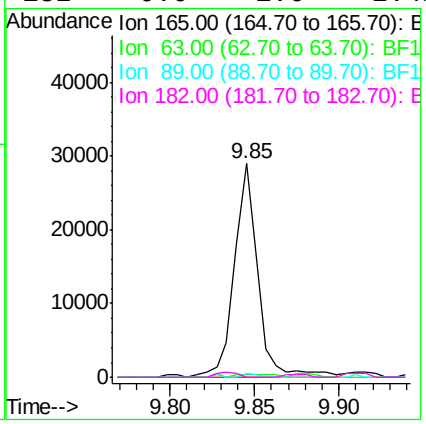


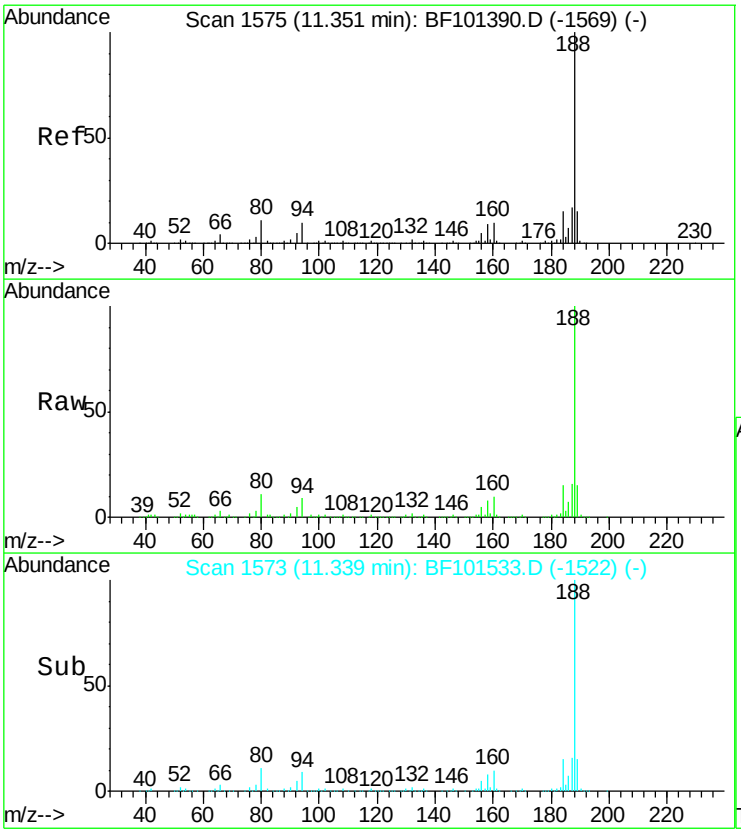
#56
2,4-Dinitrotoluene
Concen: 7.640 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:165 Resp: 28071

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

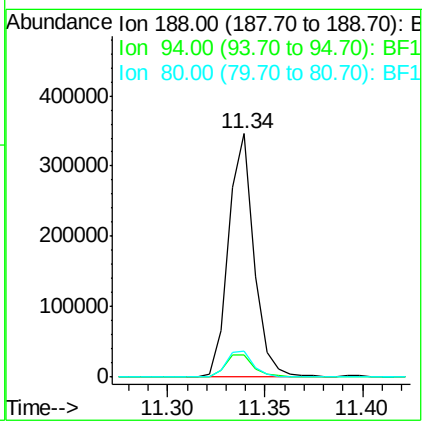


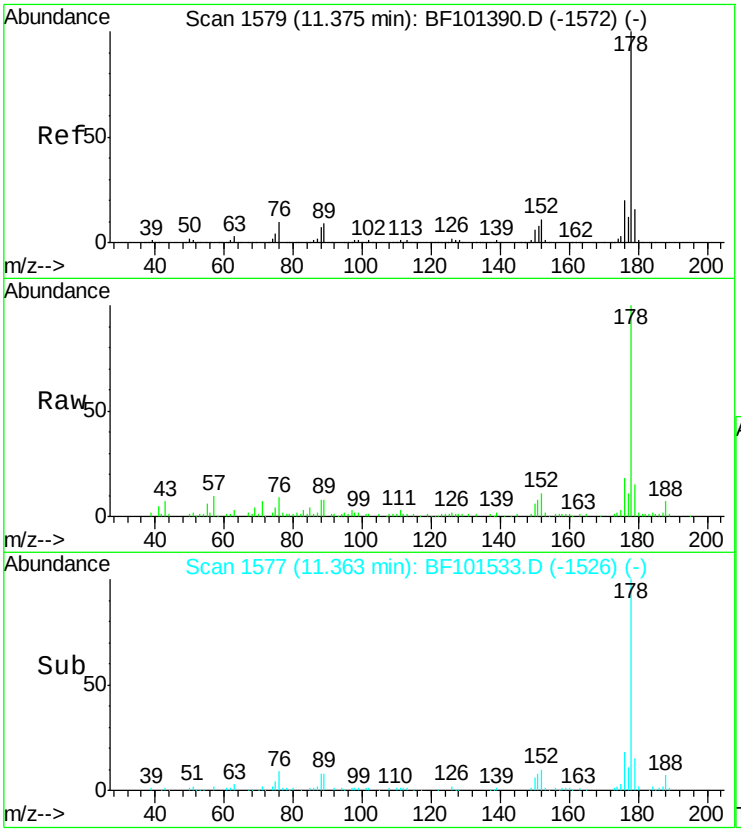


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:188 Resp: 312406

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8



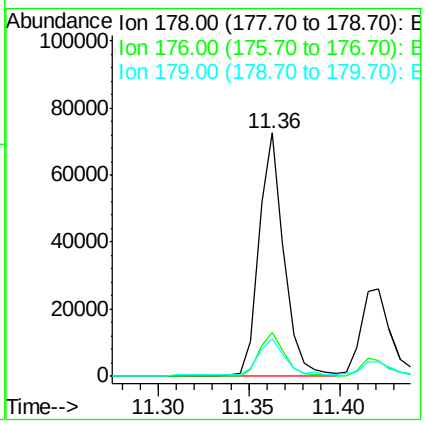


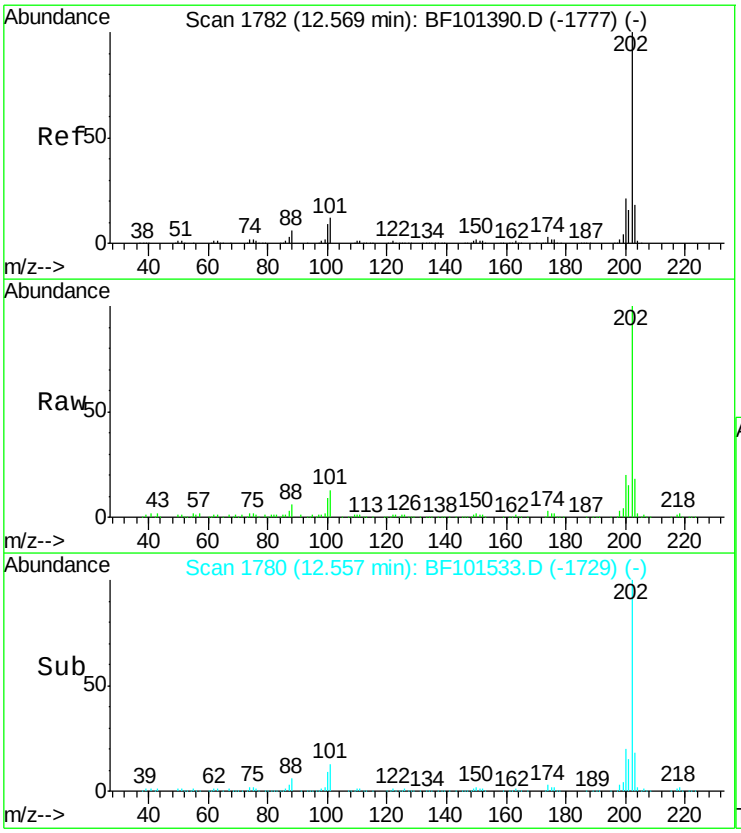
#70
Phenanthrene
Concen: 3.991 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:178 Resp: 69342

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.3	13.0	19.6

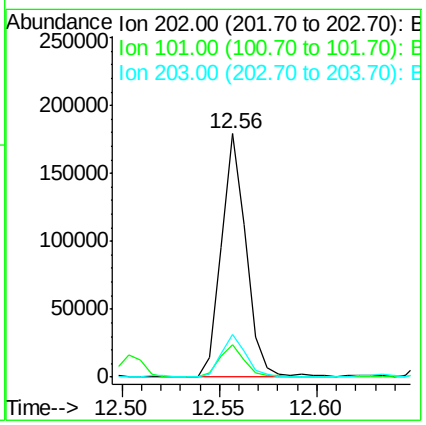


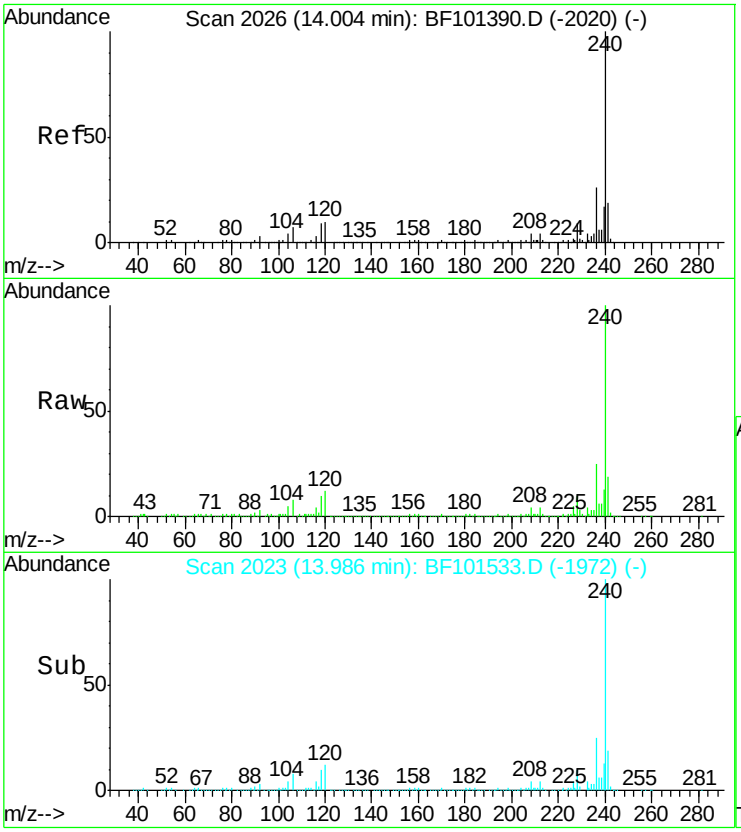


#74
Fluoranthene
Concen: 8.668 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:202 Resp: 158071

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1



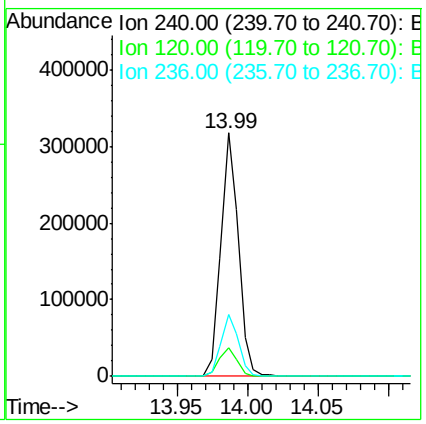


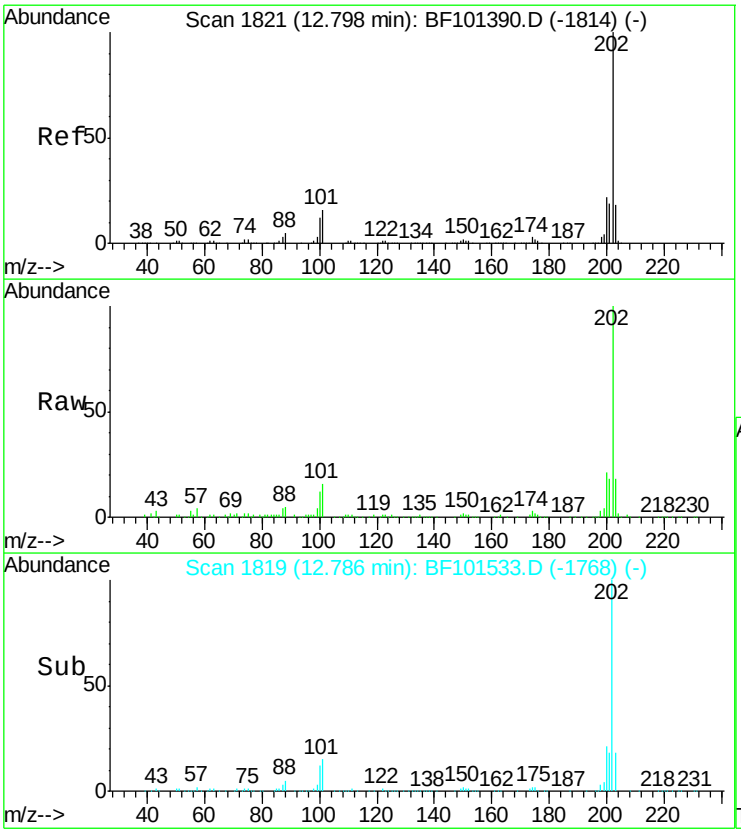
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:240 Resp: 275321

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.4	20.7	31.1

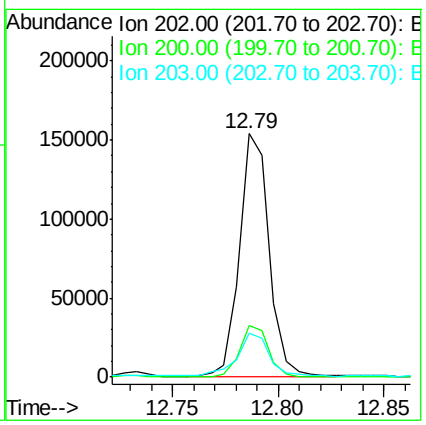


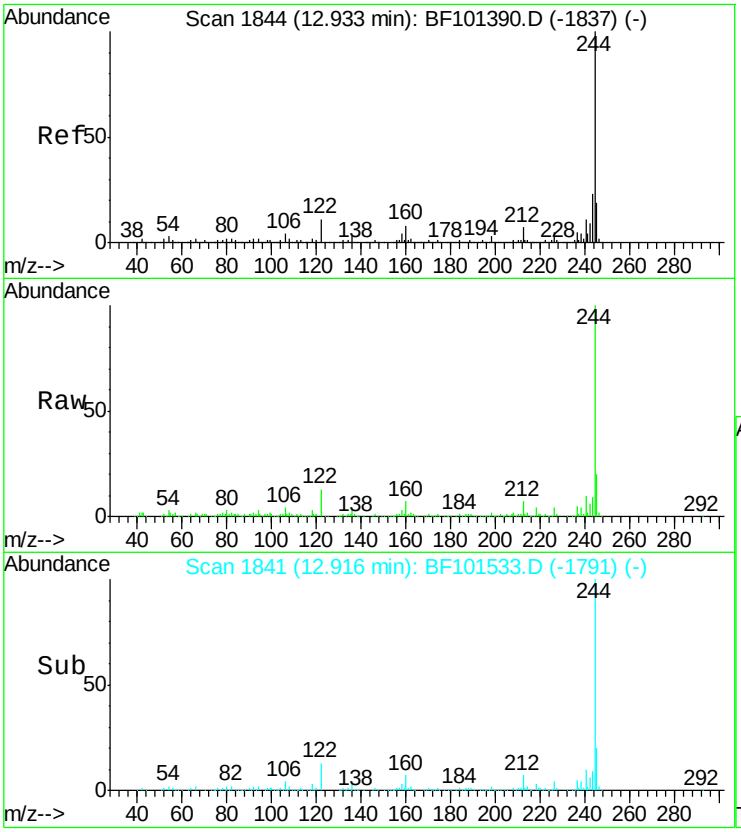


#77
Pyrene
Concen: 7.169 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:202 Resp: 148140

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.2	14.3	21.5



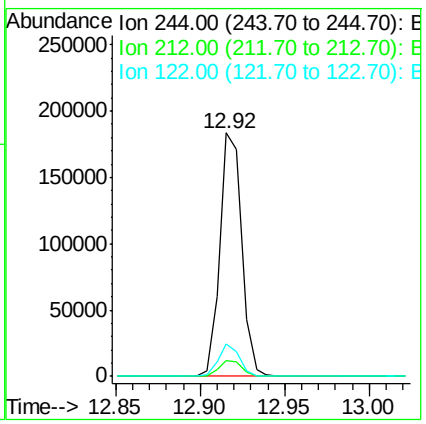


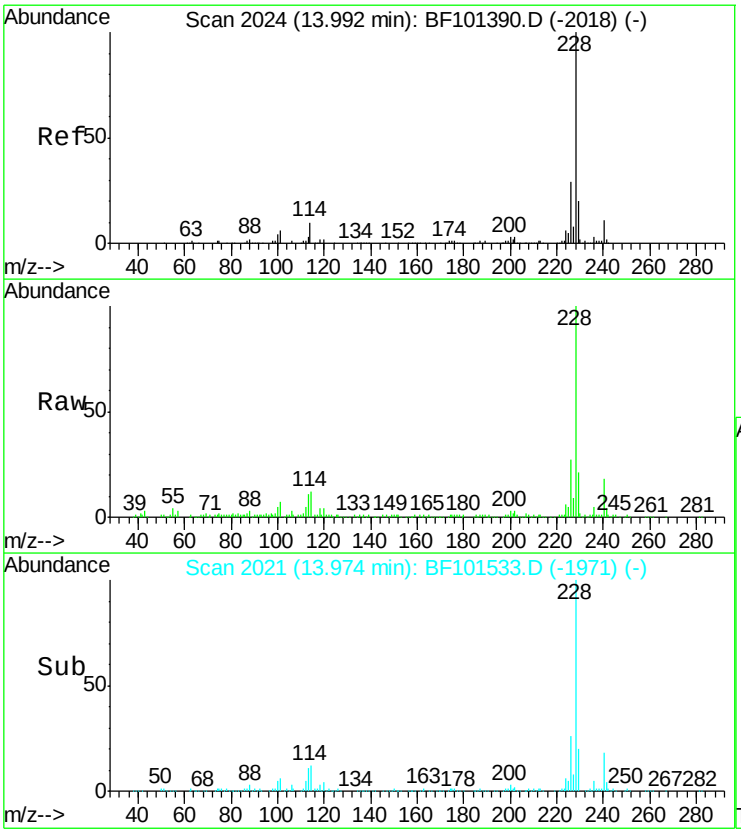
#78
Terphenyl-d14
Concen: 14.542 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:244 Resp: 166080

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

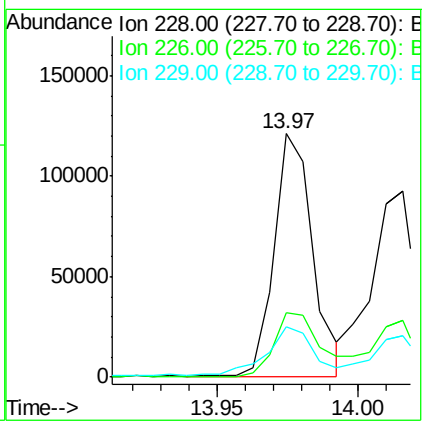


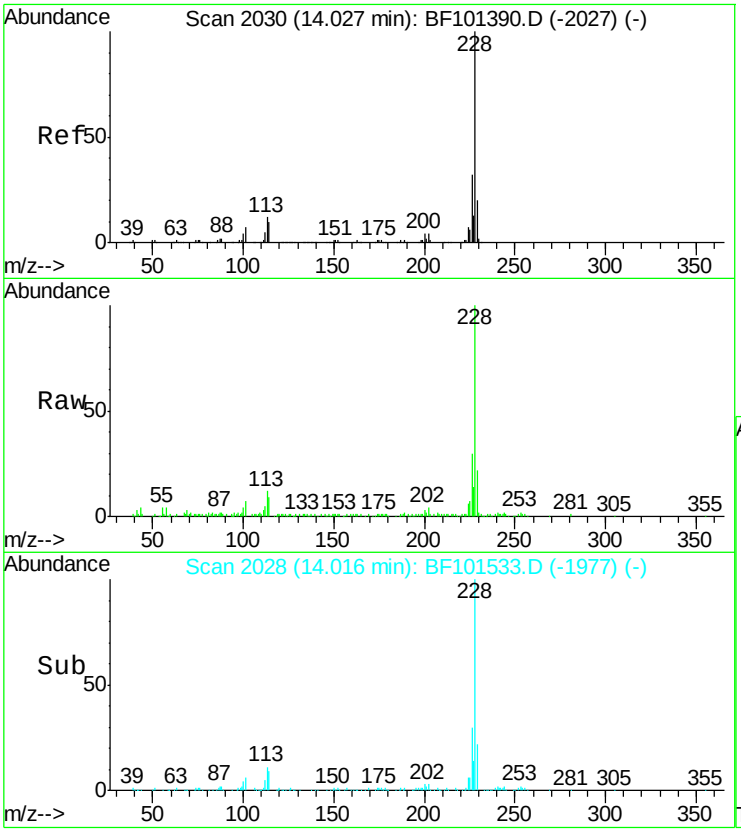


#80
Benzo(a)anthracene
Concen: 6.288 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:228 Resp: 114319

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.7	15.8	23.6



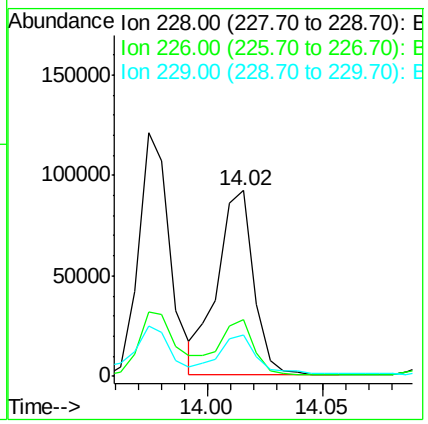


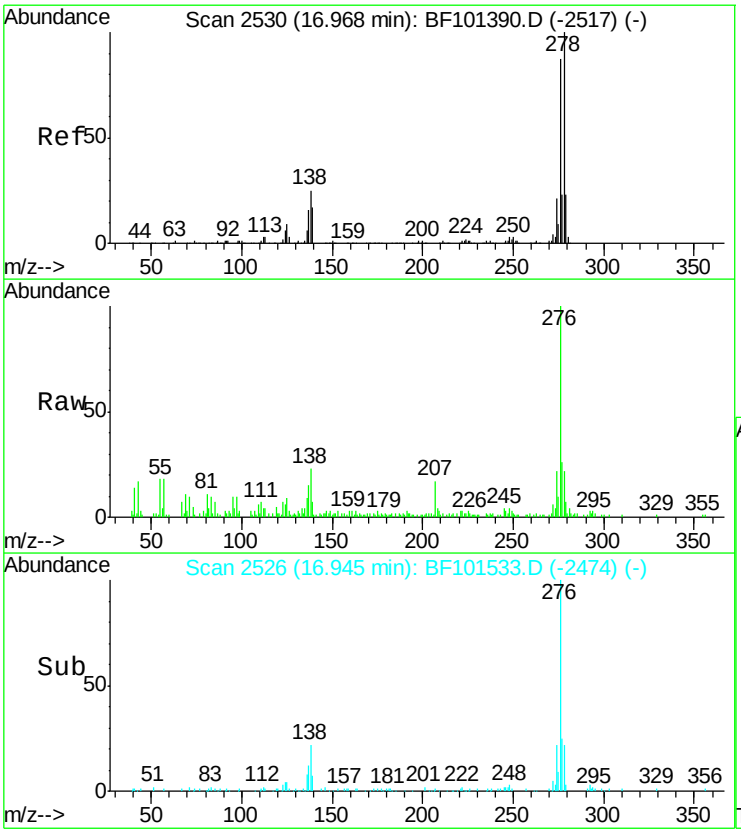
#82
Chrysene
Concen: 5.851 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:228 Resp: 100426

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4

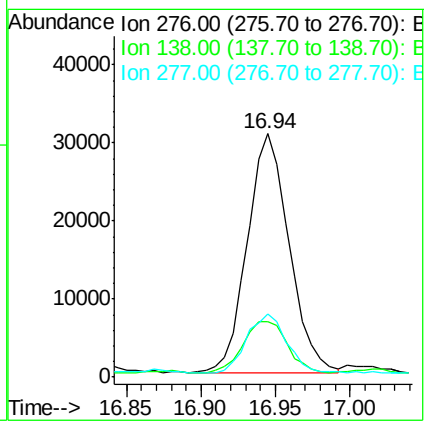


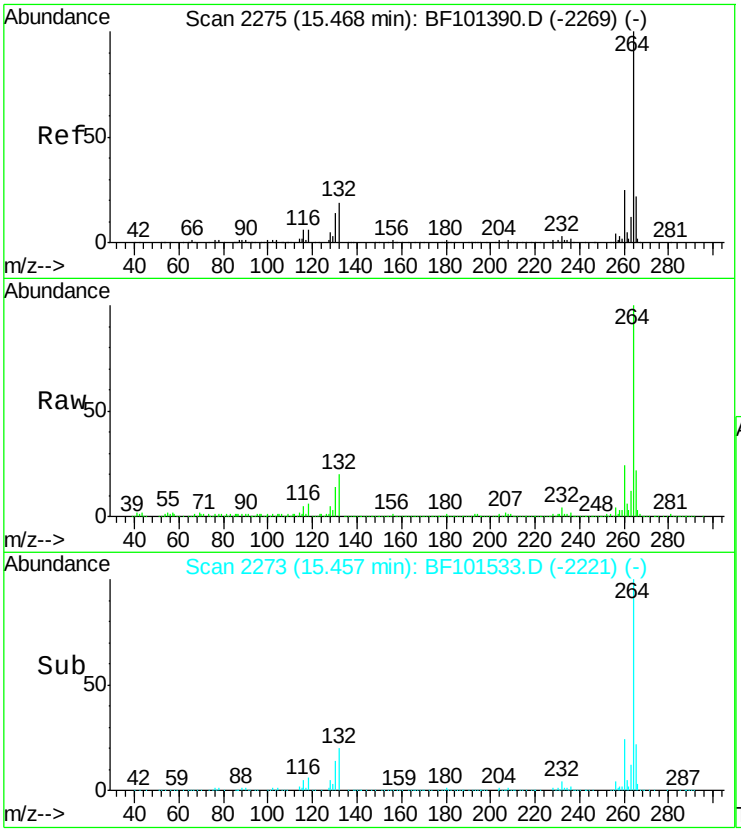


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:276 Resp: 59284

Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	23.5	20.1	30.1



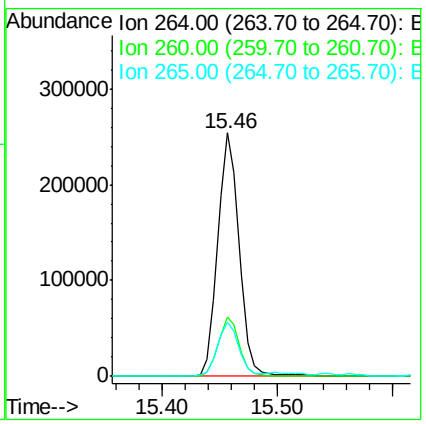


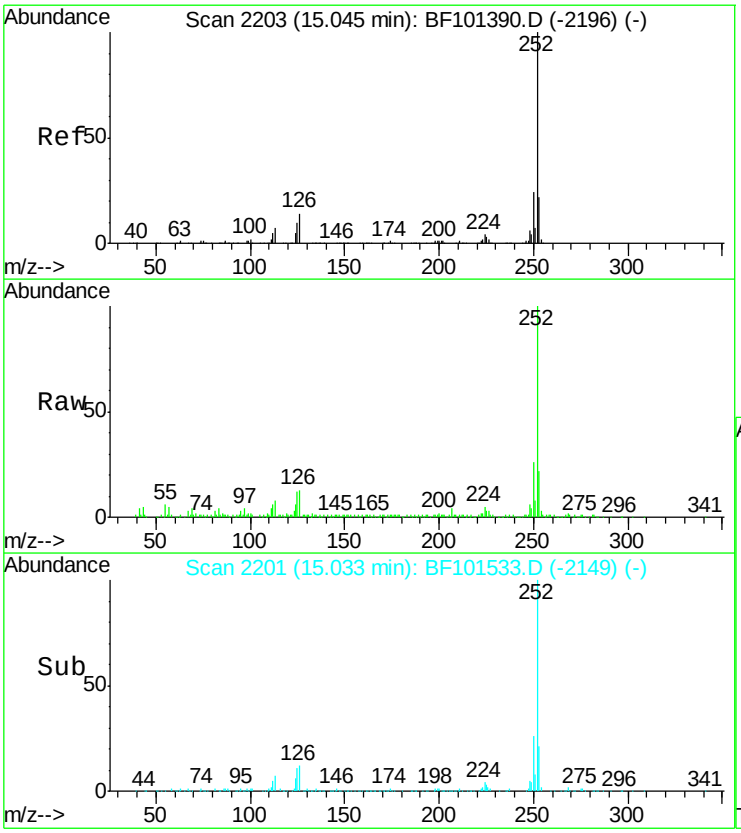
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:264 Resp: 325004

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.5	26.3

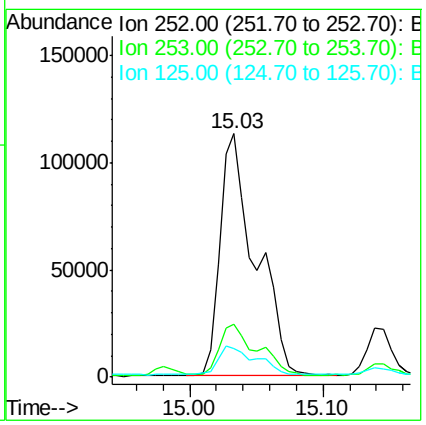


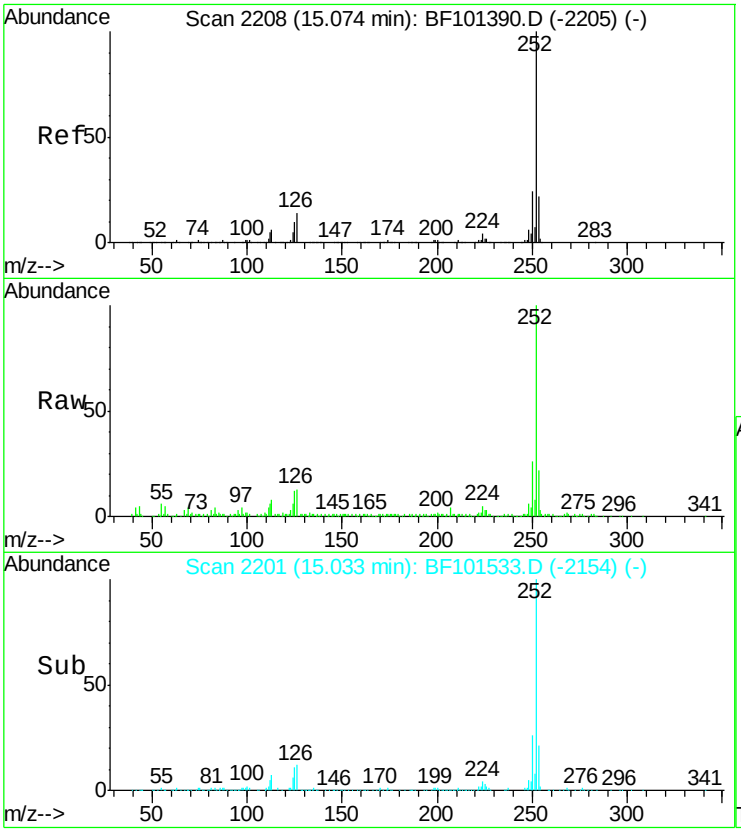


#87
Benzo(b)fluoranthene
Concen: 10.557 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:252 Resp: 209125

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.6



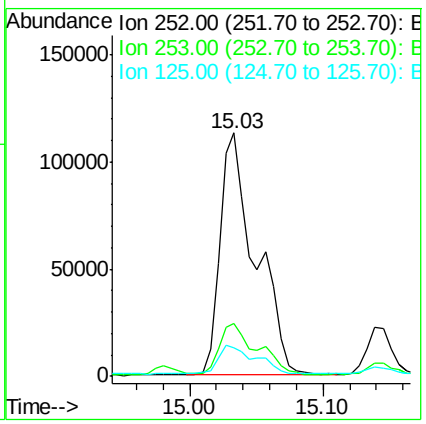


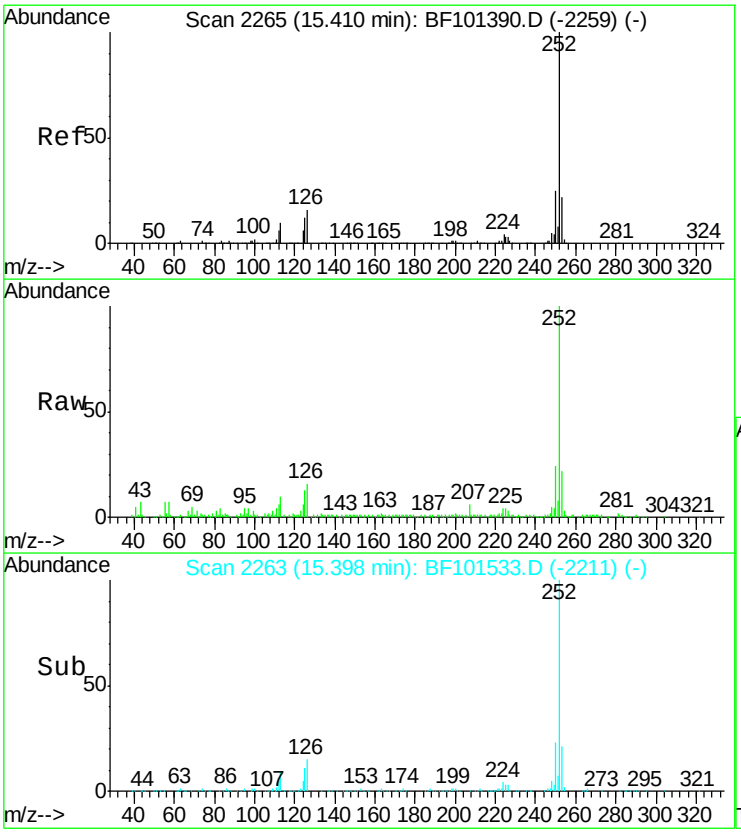
#88
Benzo(k)fluoranthene
Concen: 10.858 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:252 Resp: 209125

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.8	10.2	15.2

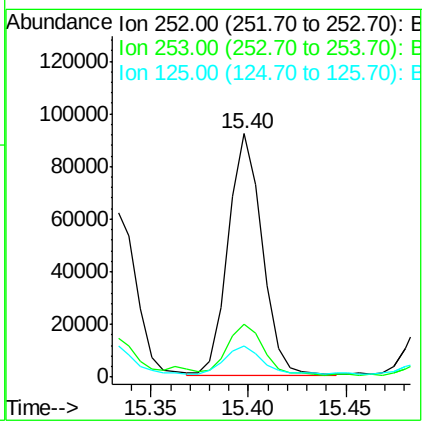


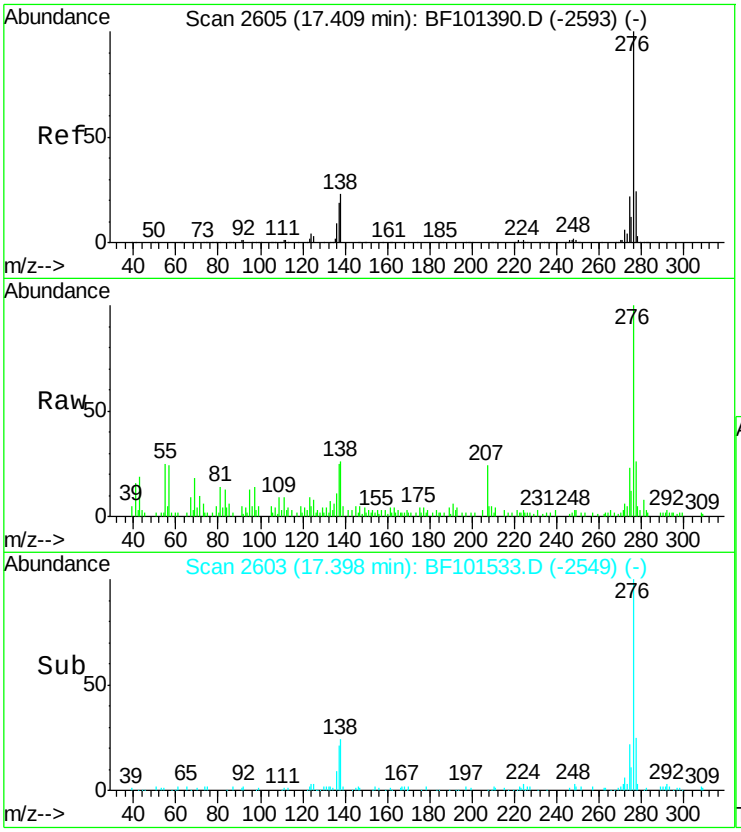


#89
Benzo(a)pyrene
Concen: 6.097 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion:252 Resp: 111336

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.185 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.02 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tgt Ion:276 Resp: 49444

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	25.6	21.8	32.8