Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101191.D
Acq On : 7 Dec 2017 2:45
Operator : SJ/JU
Sample : I6656-04 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BART-3-E(0-1)

Quant Time: Dec 07 04:31:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	44883	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	162563	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	67714	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	107974	20.00	ng		0.00
75) Chrysene-d12	14.02	240	106039	20.00	ng		0.00
86) Perylene-d12	15.50	264	85757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	119116	43.85	ng		0.00
7) Phenol-d6	6.47	99	144489	43.82	ng		0.00
23) Nitrobenzene-d5	7.41	82	87832	32.23	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	24671	30.33	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	192168	38.83	ng		-0.01
78) Terphenyl-d14	12.96	244	151151	31.18	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	11381	5.125	ng	#	80
25) Isophorone	7.41	82	87830	18.869	ng	#	64
49) Dimethylphthalate	9.60	163	14807	2.711	ng	#	98
50) 2,6-Dinitrotoluene	9.88	165	8046	6.995	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	8046	5.220	ng	#	21
70) Phenanthrene	11.40	178	24304	4.087	ng		99
71) Anthracene	11.40	178	24304	4.039	ng		100
74) Fluoranthene	12.59	202	46293	7.024	ng		94
77) Pyrene	12.82	202	36950	5.050	ng		96
80) Benzo(a)anthracene	14.04	228	22827	3.409	ng		94
82) Chrysene	14.04	228	22827	3.671	ng		98
87) Benzo(b)fluoranthene	15.06	252	33011	6.427	ng	#	78
88) Benzo(k)fluoranthene	15.06	252	33011	6.523	ng	#	81
89) Benzo(a)pyrene	15.44	252	13277	2.843	ng	#	91
91) Benzo(g,h,i)perylene	17.44	276	8703	2.243	ng	#	89

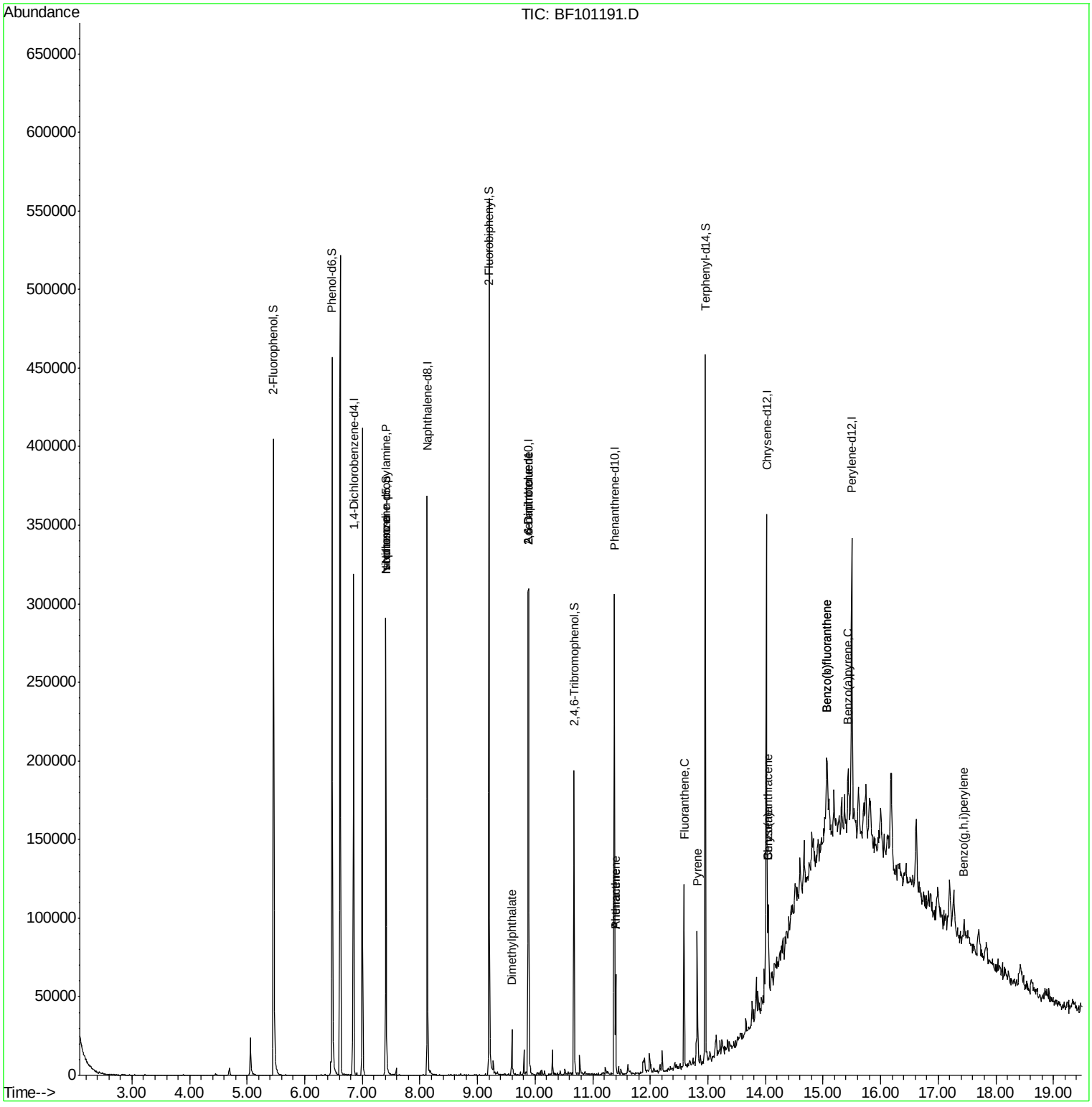
(#) = qualifier out of range (m) = manual integration (+) = signals summed

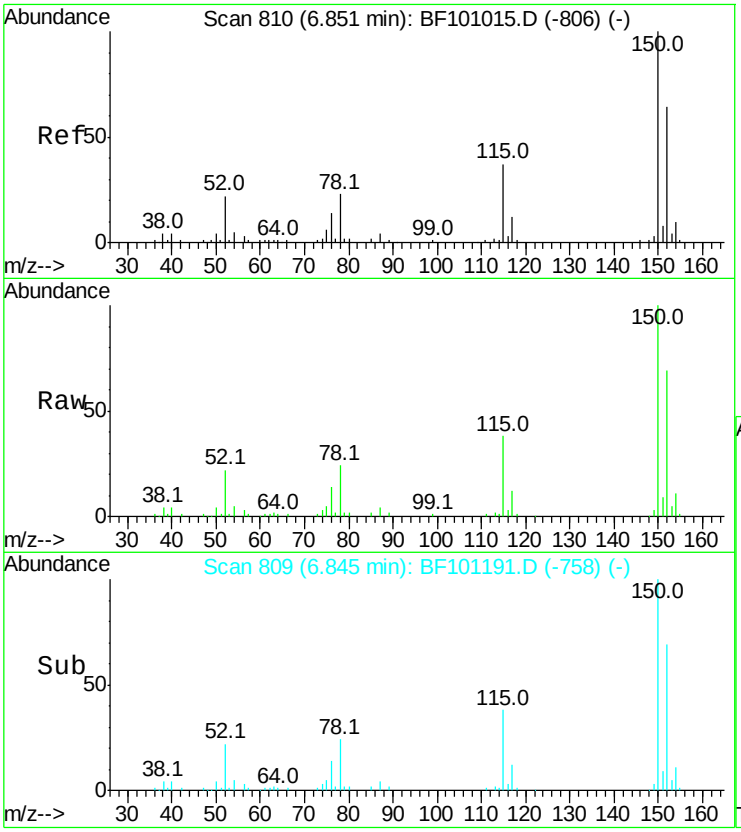
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101191.D
Acq On : 7 Dec 2017 2:45
Operator : SJ/JU
Sample : I6656-04 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Quant Time: Dec 07 04:31:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



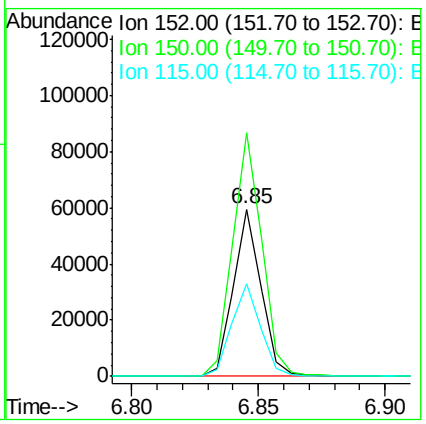


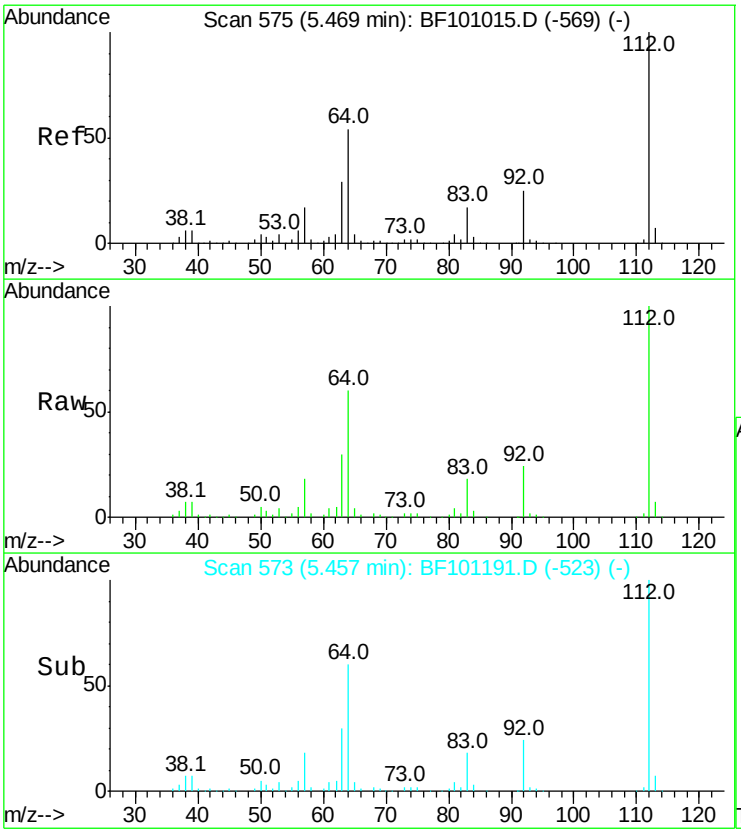
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:152 Resp: 44883

Ion	Ratio	Lower	Upper
152	100		
150	145.9	124.6	186.8
115	55.6	50.1	75.1

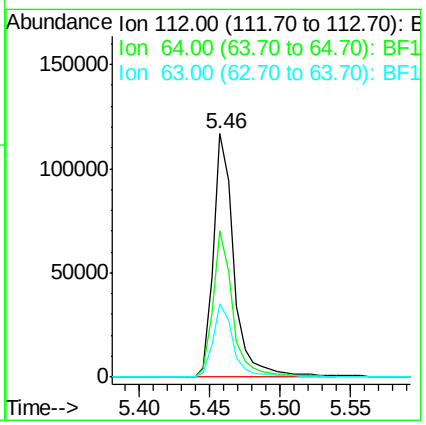


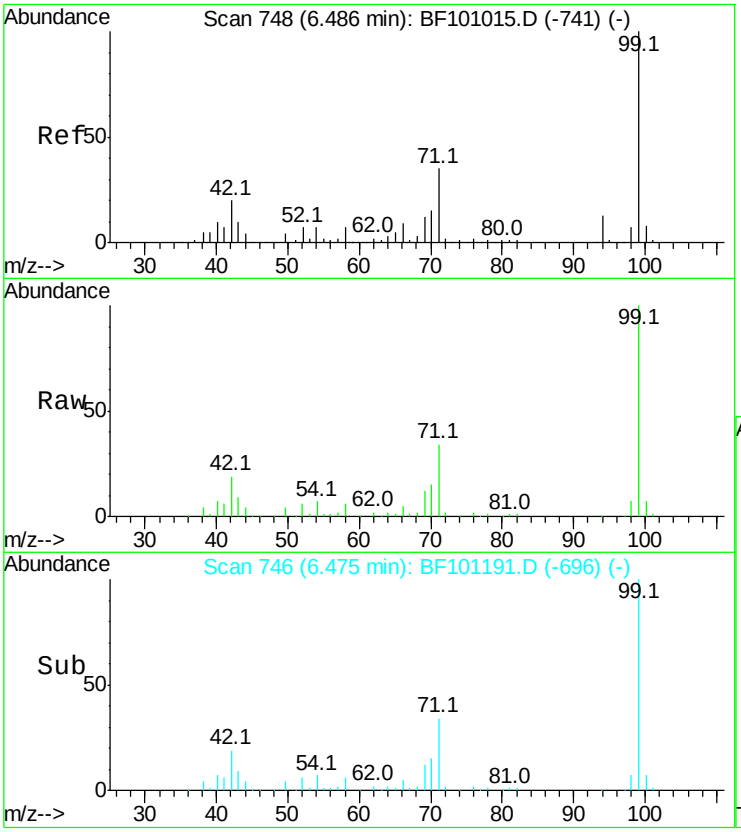


#5
2-Fluorophenol
Concen: 43.855 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:112 Resp: 119116

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.2	23.7	35.5



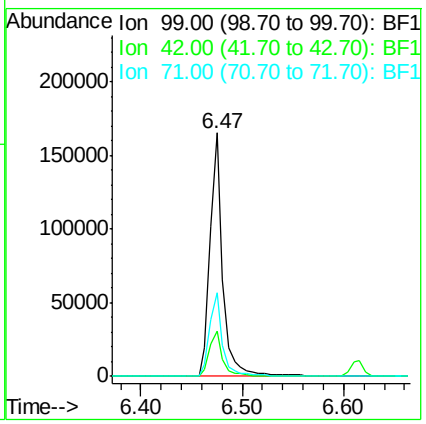


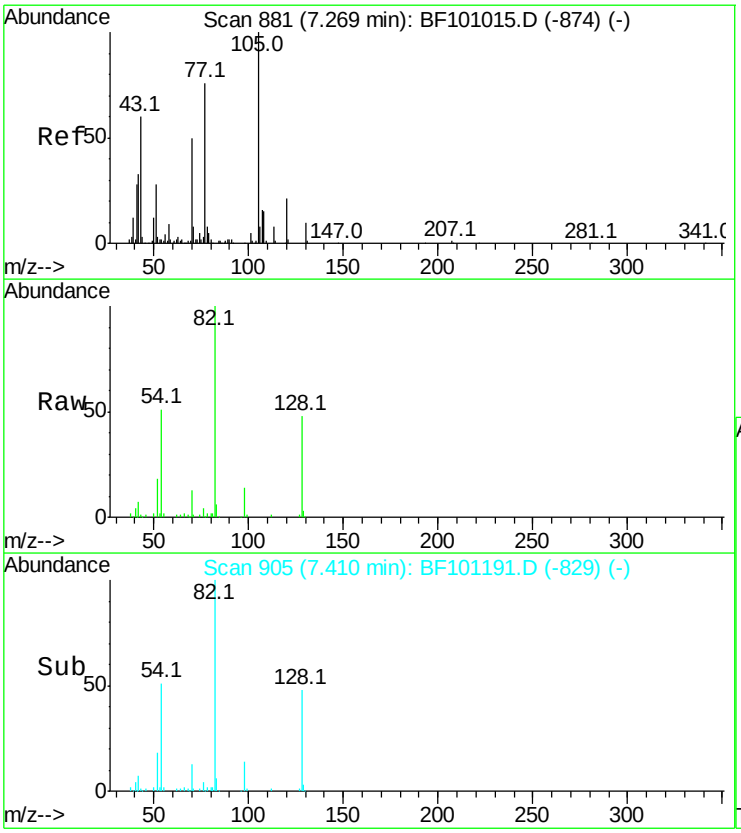
#7
Phenol-d6
Concen: 43.815 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion: 99 Resp: 144489

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	34.2	25.4	38.0

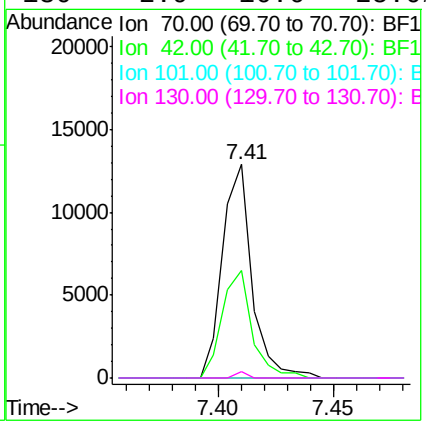


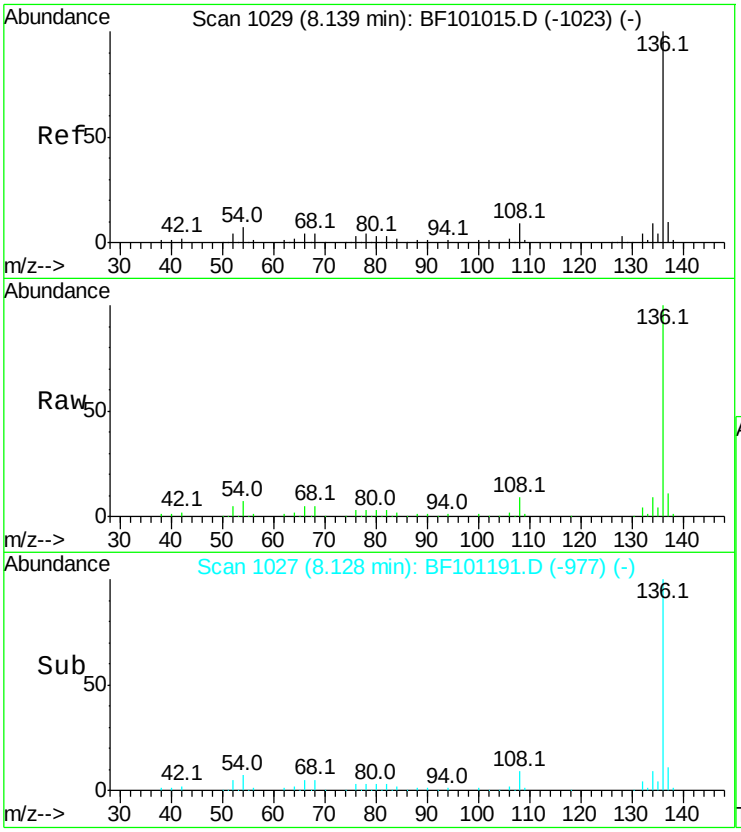


#19
n-Nitroso-di-n-propylamine
Concen: 5.125 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion: 70 Resp: 11381

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



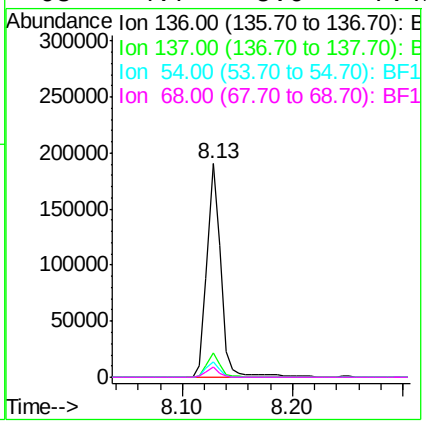


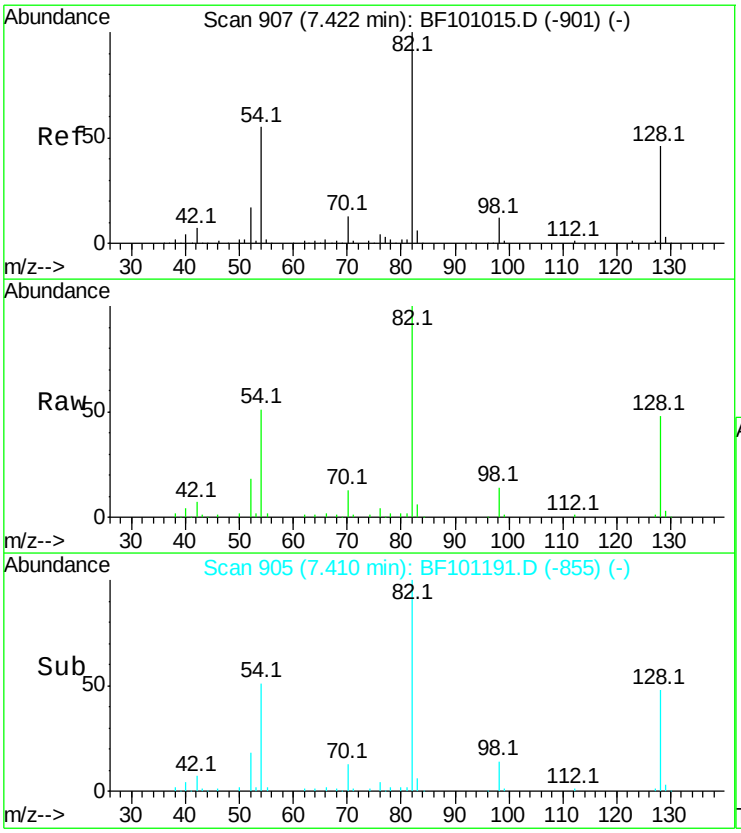
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:136 Resp: 162563

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	4.7	5.0	7.4#

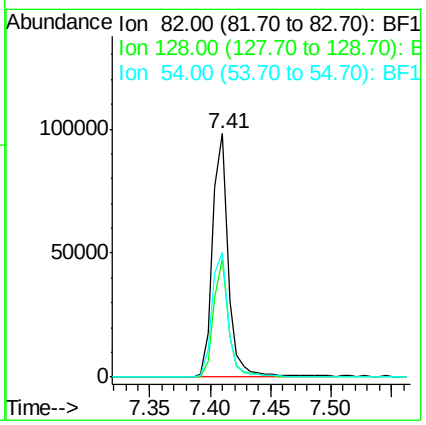


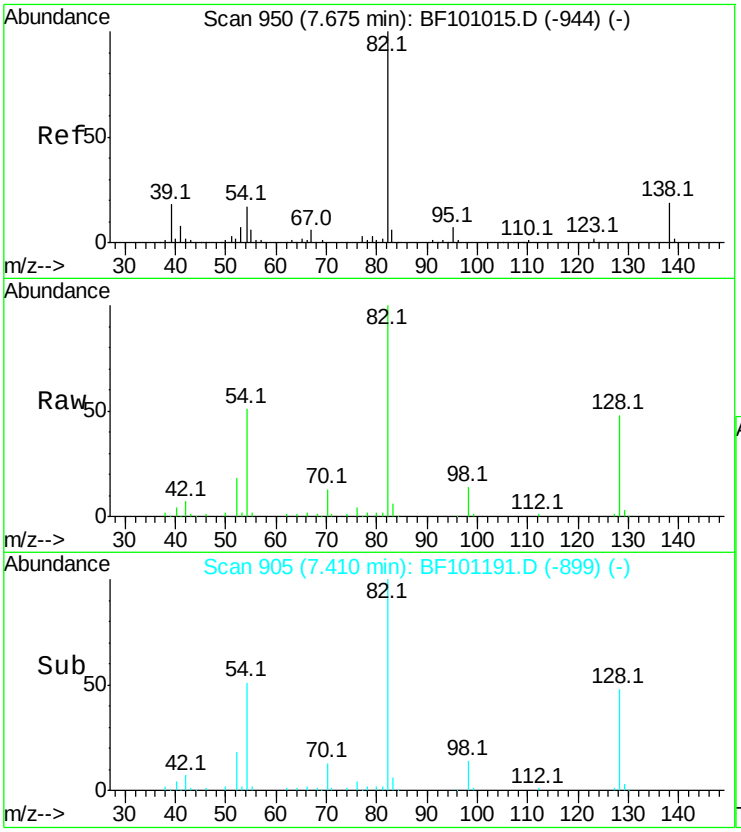


#23
Nitrobenzene-d5
Concen: 32.230 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion: 82 Resp: 87832

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	51.1	41.4	62.2



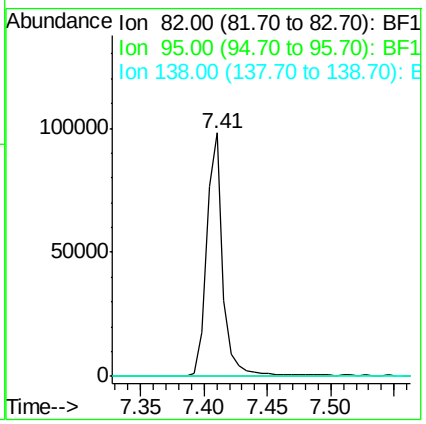


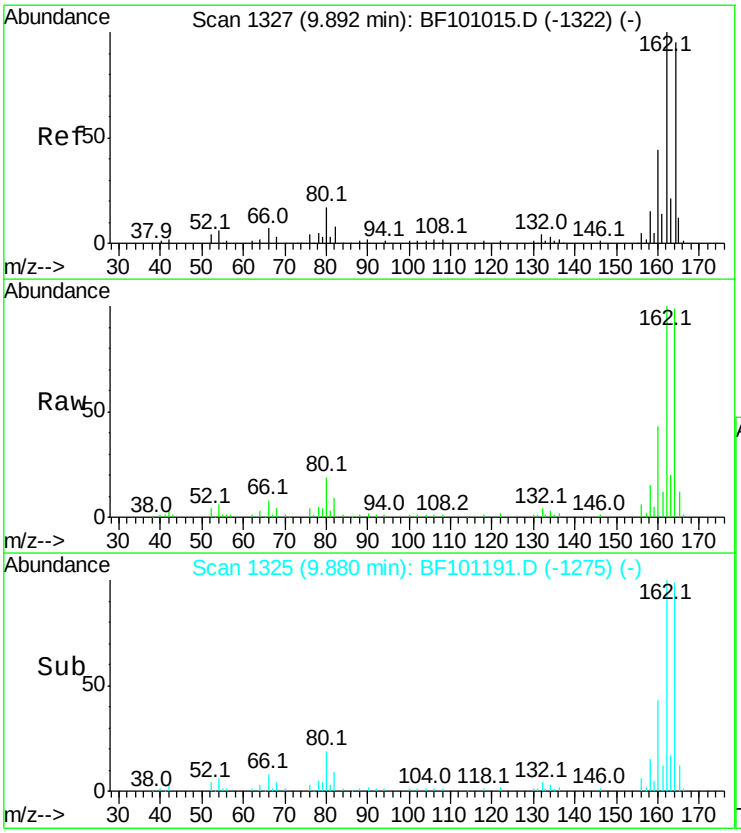
#25
Isophorone
Concen: 18.869 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion: 82 Resp: 87830

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

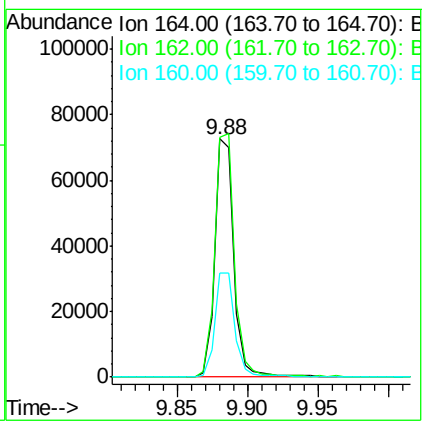


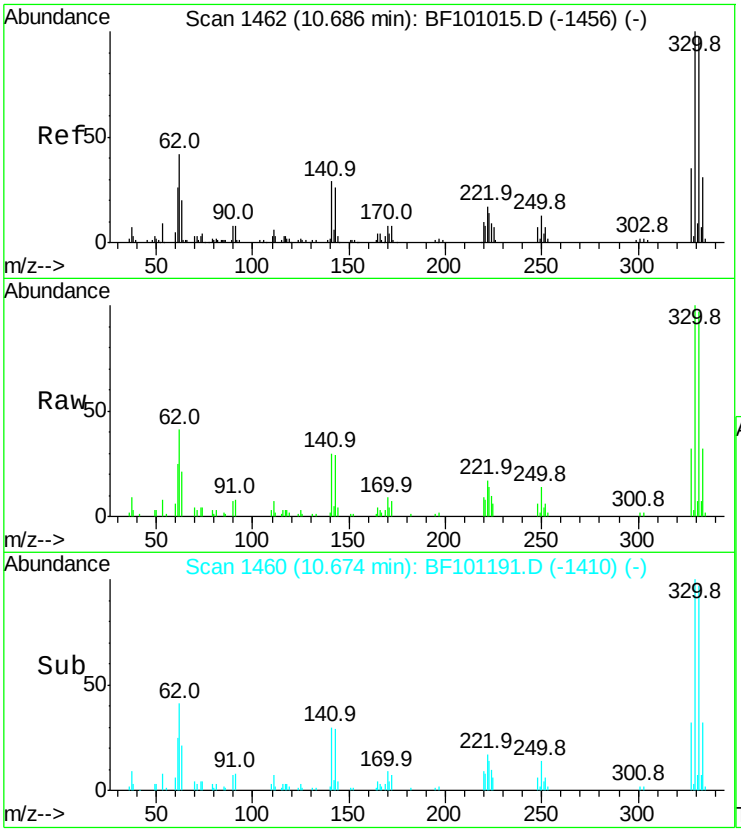


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:164 Resp: 67714

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	43.6	38.3	57.5



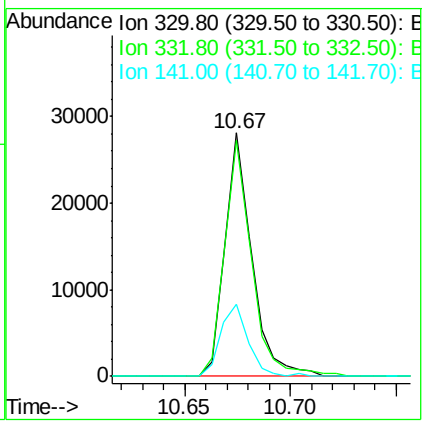


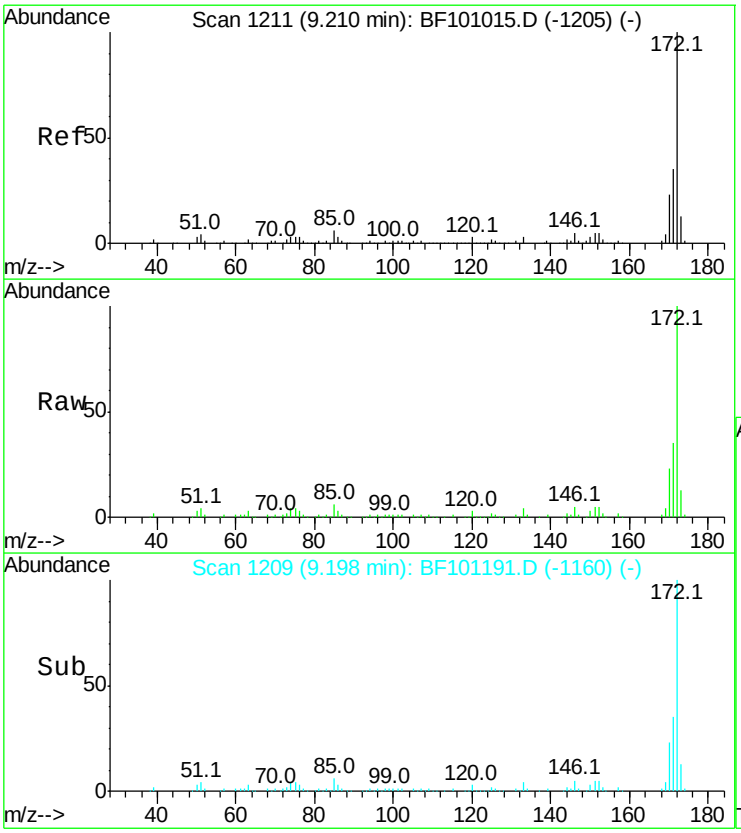
#41
2,4,6-Tribromophenol
Concen: 30.329 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:330 Resp: 24671

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	30.6	29.9	44.9

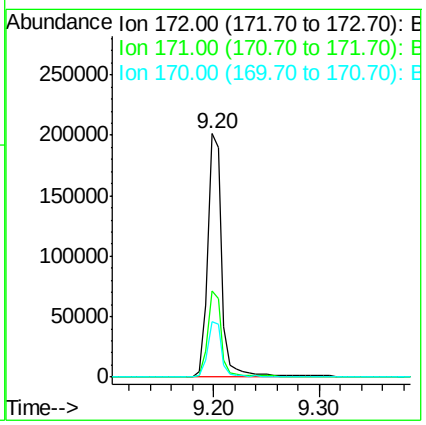


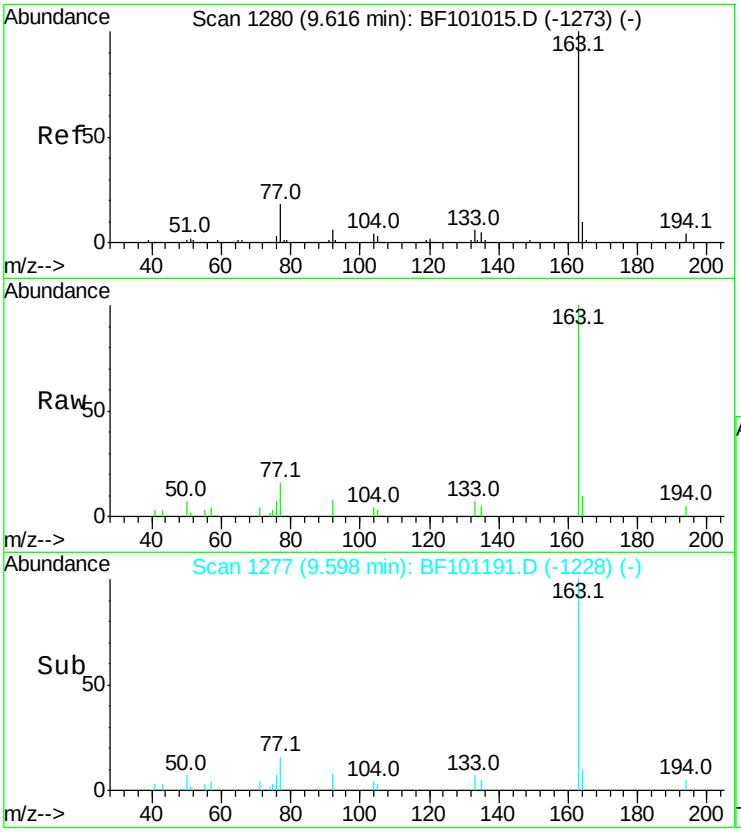


#44
2-Fluorobiphenyl
Concen: 38.829 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:172 Resp: 192168

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.8	19.6	29.4



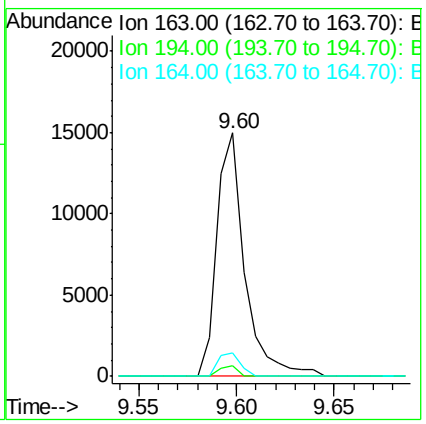


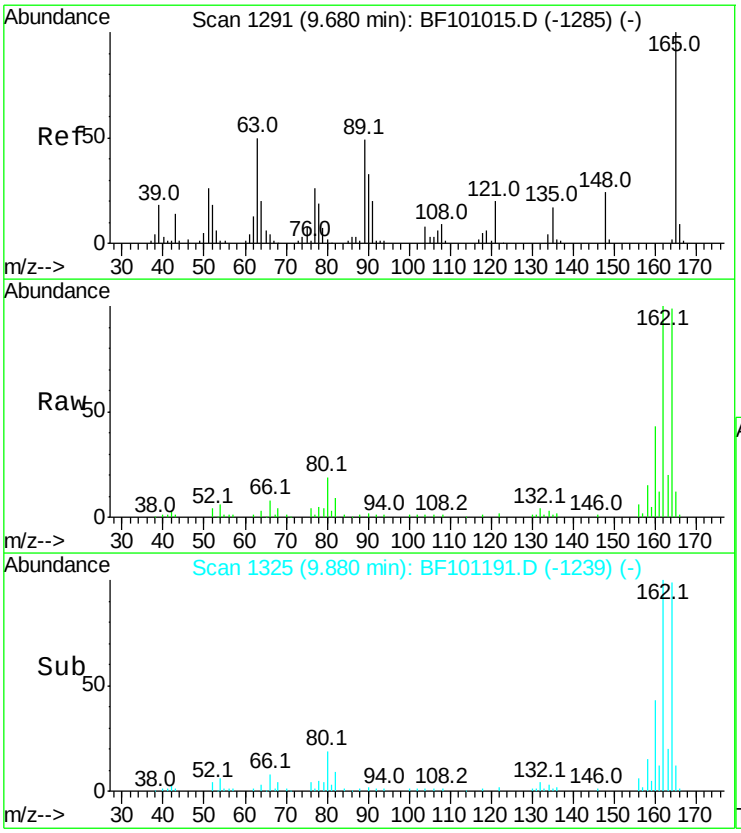
#49
Dimethylphthalate
Concen: 2.711 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:163 Resp: 14807

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.8	8.2	12.2

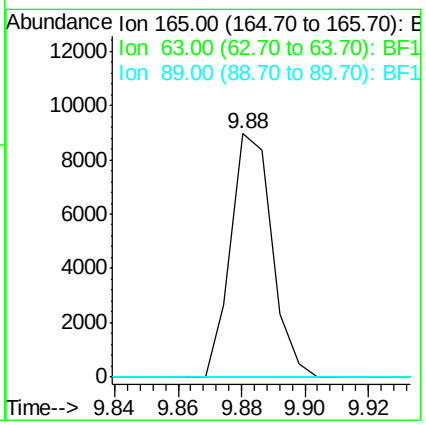


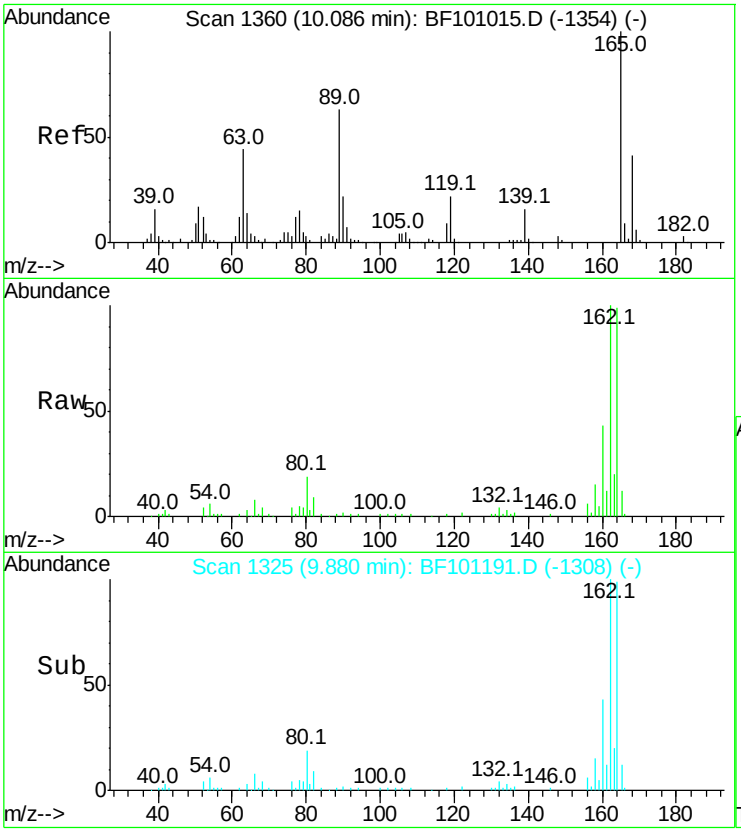


#50
2,6-Dinitrotoluene
Concen: 6.995 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:165 Resp: 8046

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



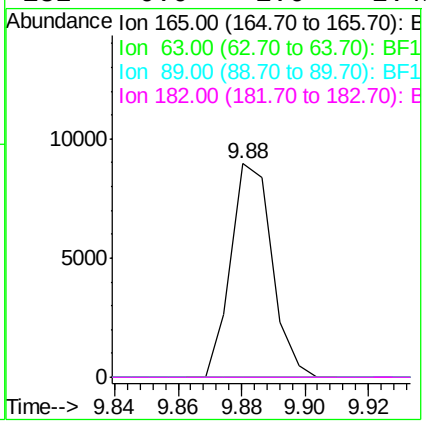


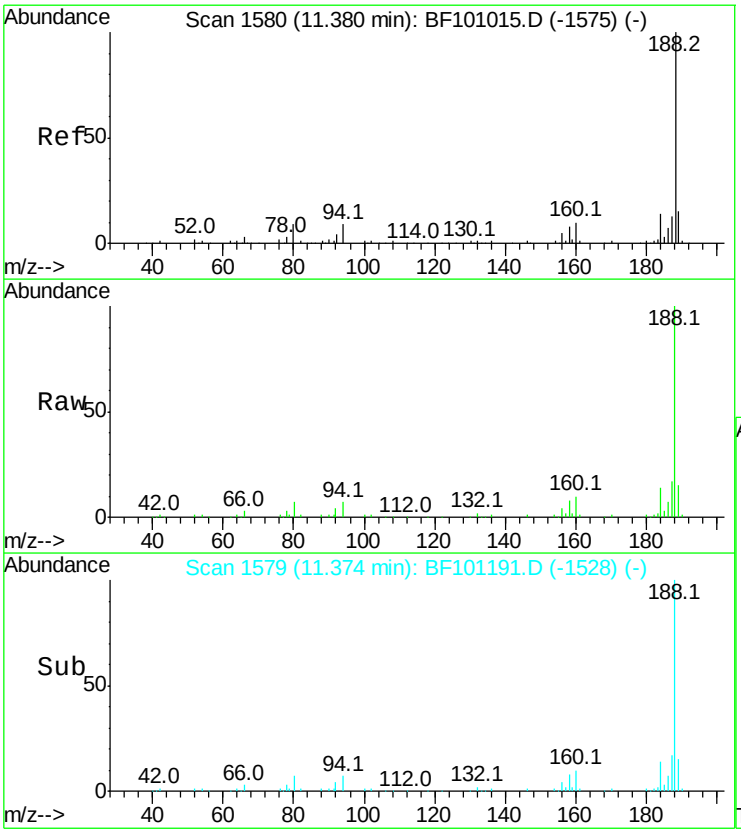
#56
2,4-Dinitrotoluene
Concen: 5.220 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:165 Resp: 8046

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

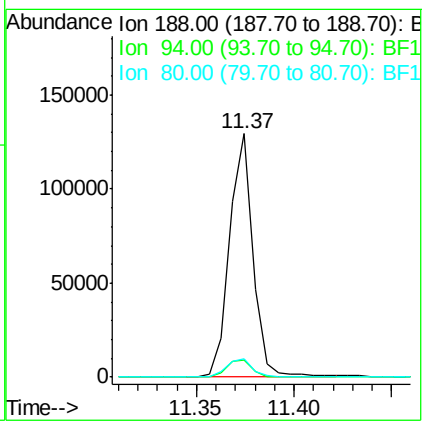


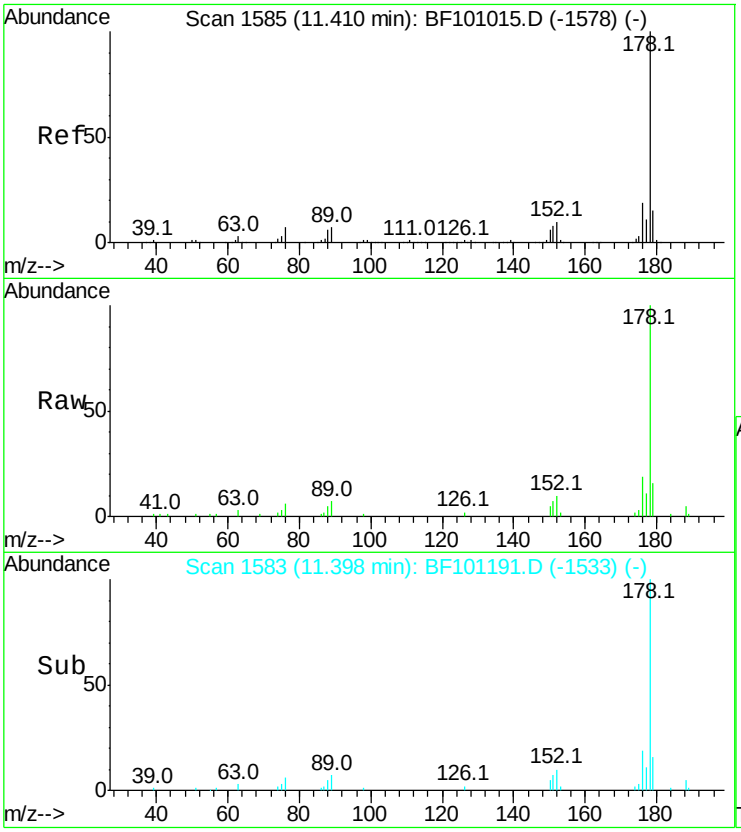


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:188 Resp: 107974

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.4	9.2	13.8#



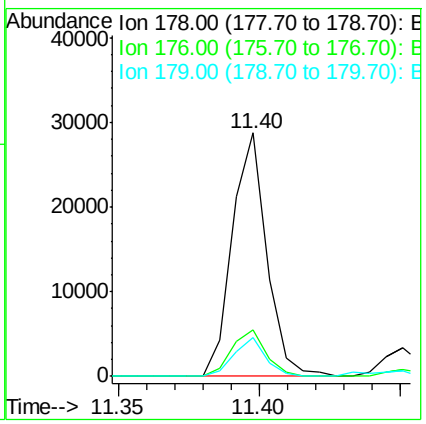


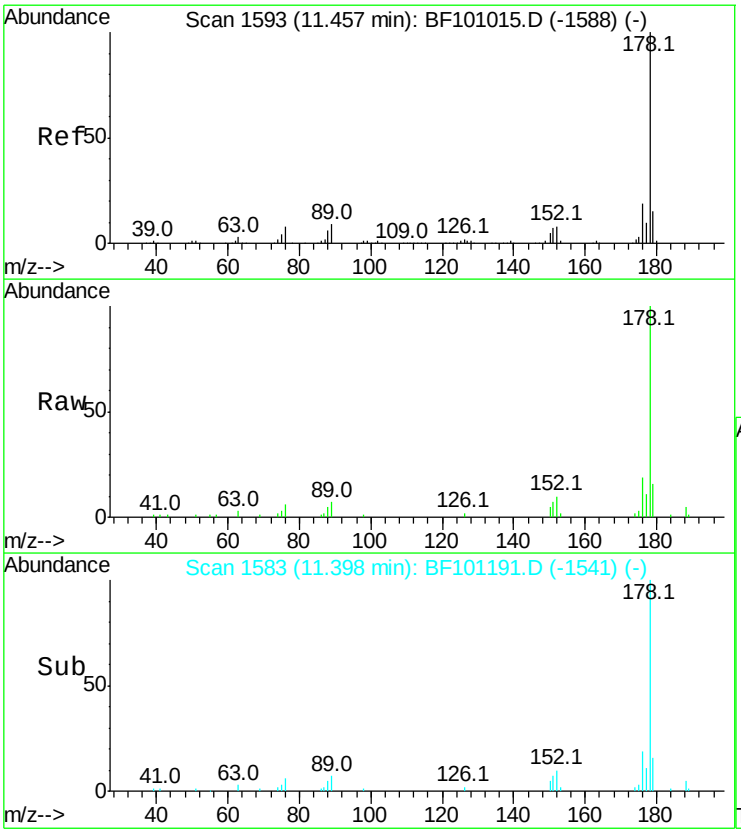
#70
Phenanthrene
Concen: 4.087 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:178 Resp: 24304

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.6

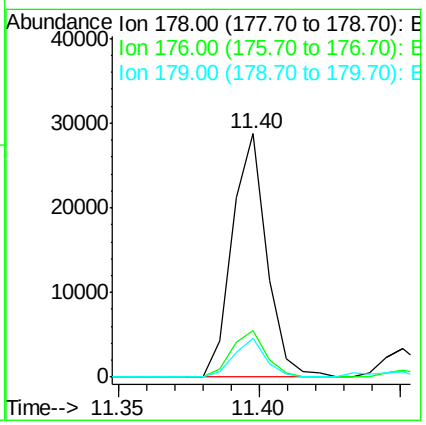


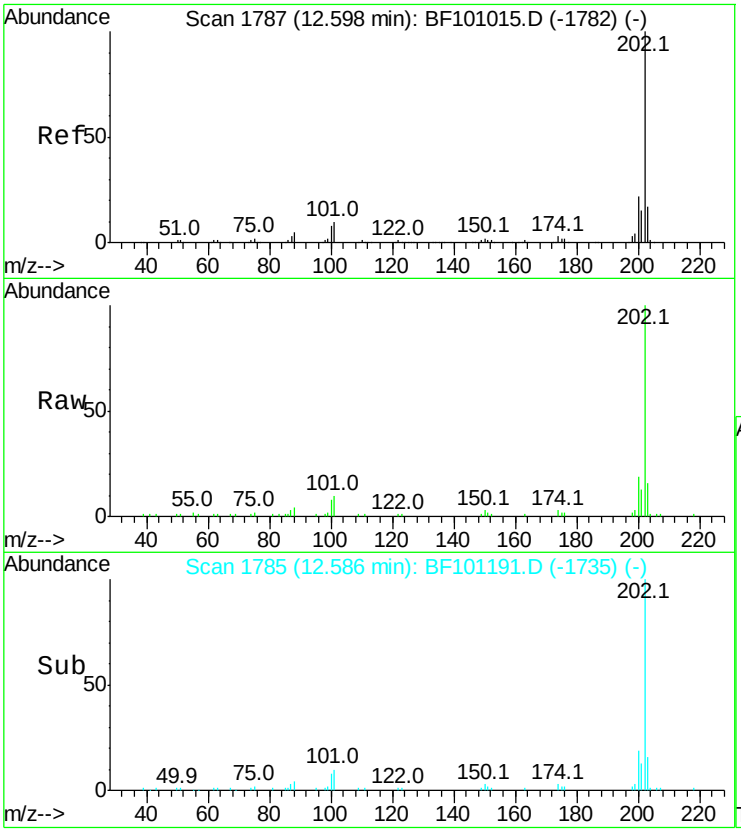


#71
Anthracene
Concen: 4.039 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:178 Resp: 24304

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0



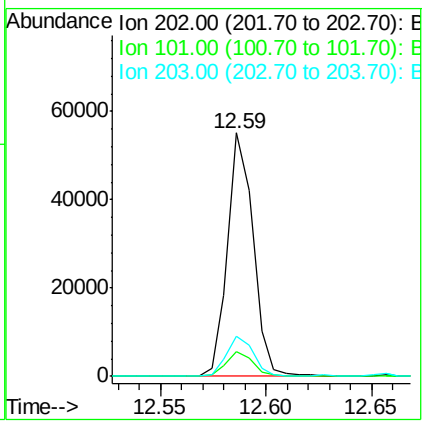


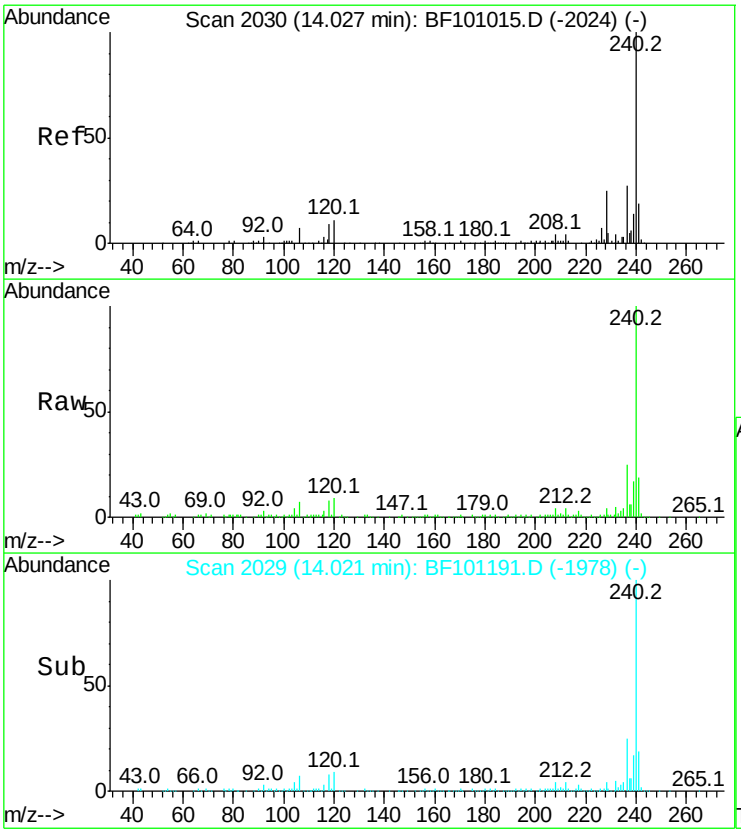
#74
Fluoranthene
Concen: 7.024 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:202 Resp: 46293

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	16.5	0.0	38.1

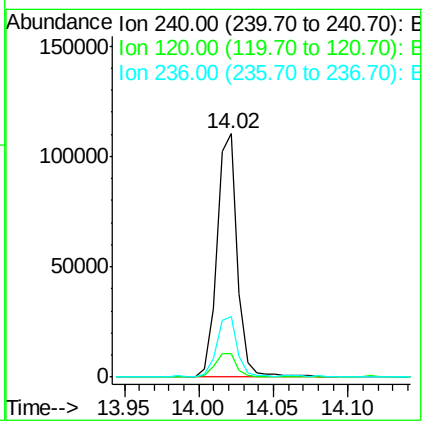


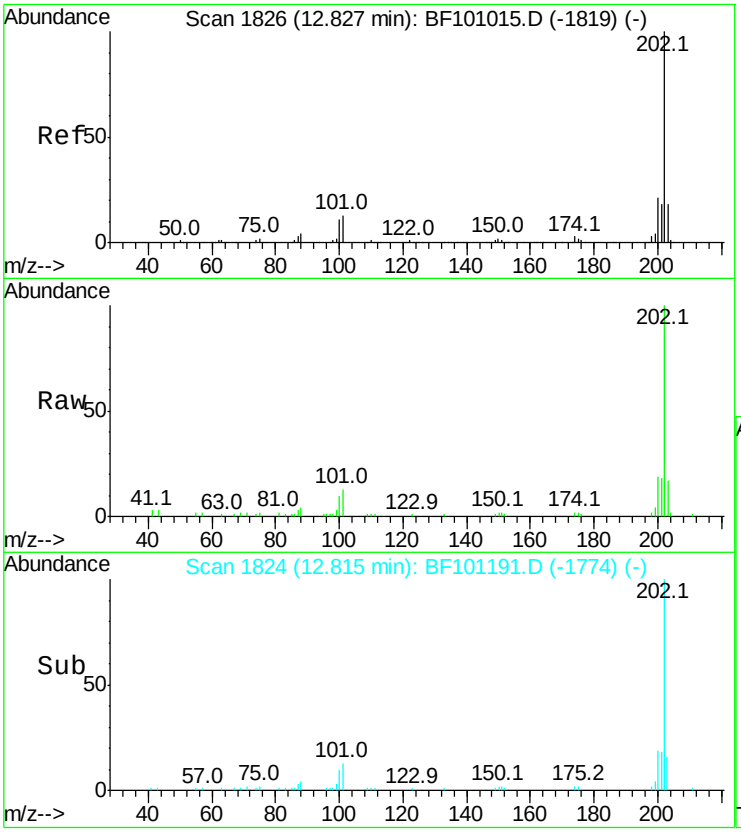


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:240 Resp: 106039

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.9	20.7	31.1



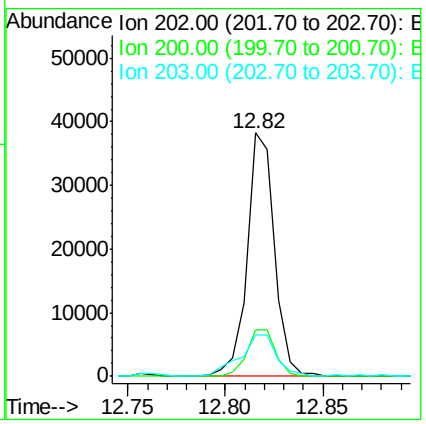


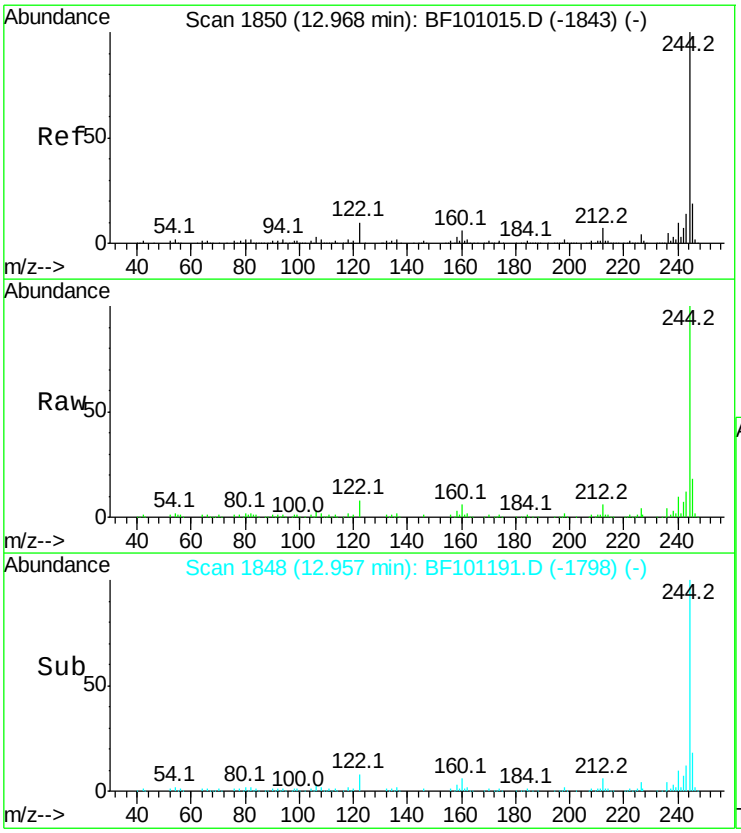
#77
Pyrene
Concen: 5.050 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:202 Resp: 36950

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.4	26.2
203	16.9	14.3	21.5

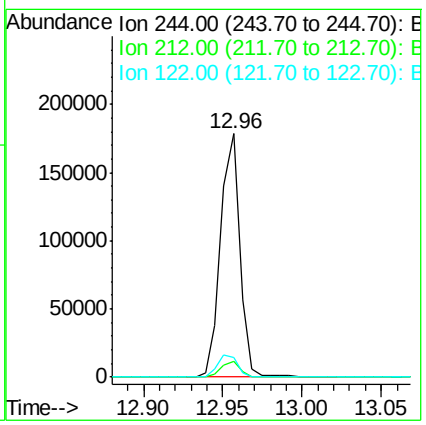


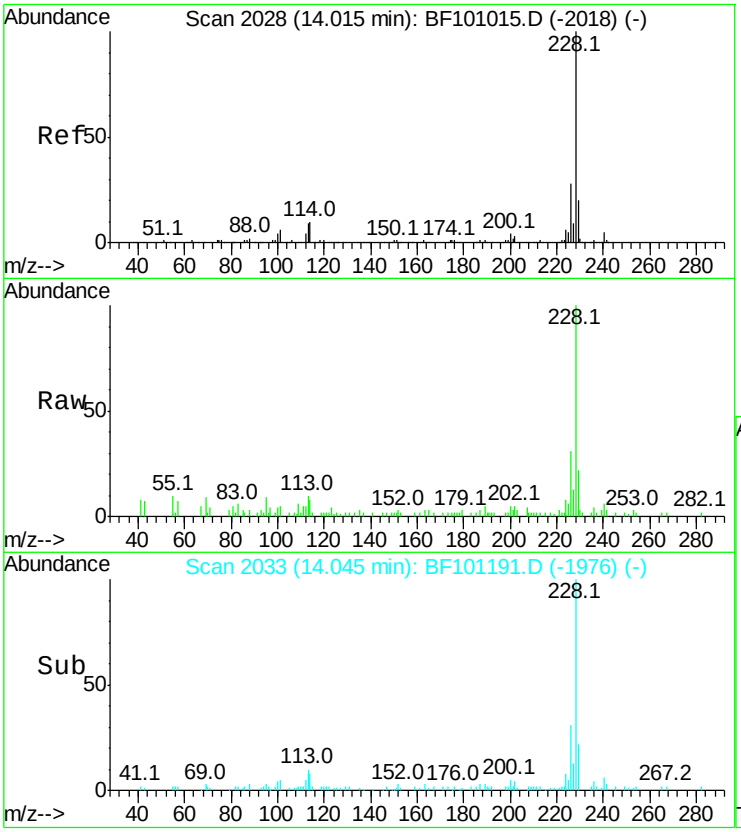


#78
Terphenyl-d14
Concen: 31.178 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:244 Resp: 151151

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	11.0	16.4#



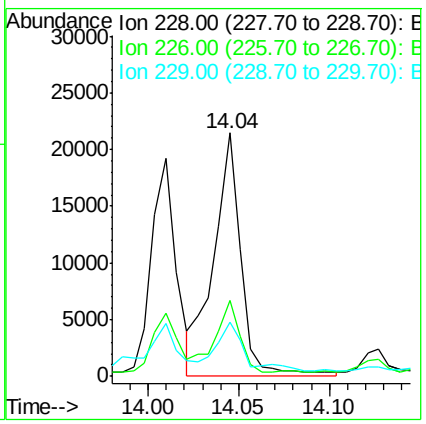


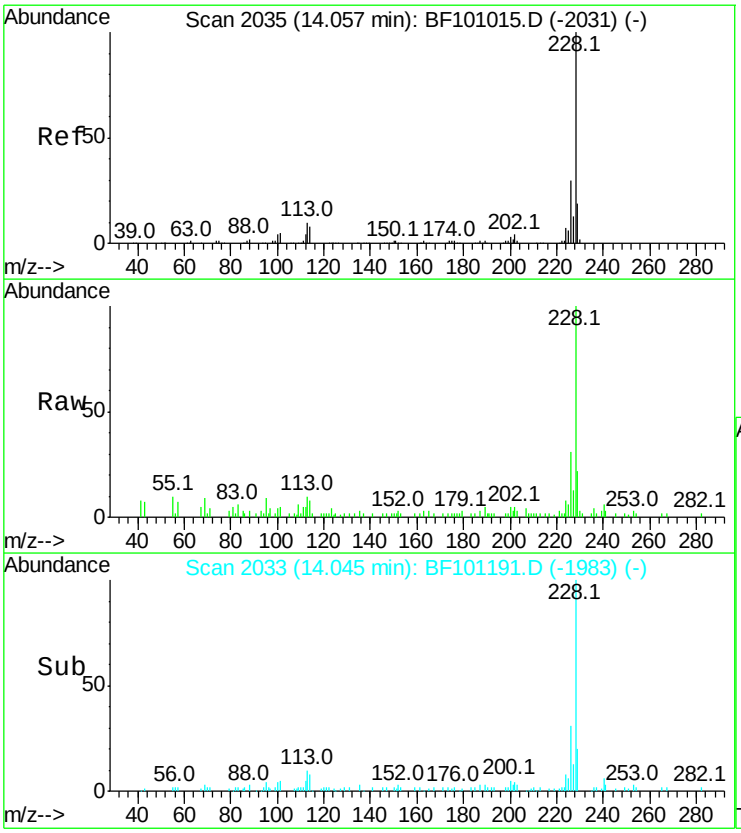
#80
Benzo(a)anthracene
Concen: 3.409 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:228 Resp: 22827

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	22.4	15.8	23.6

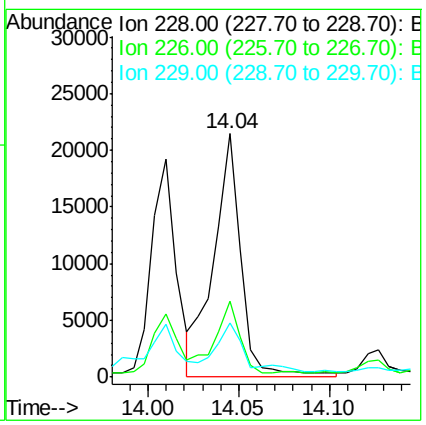


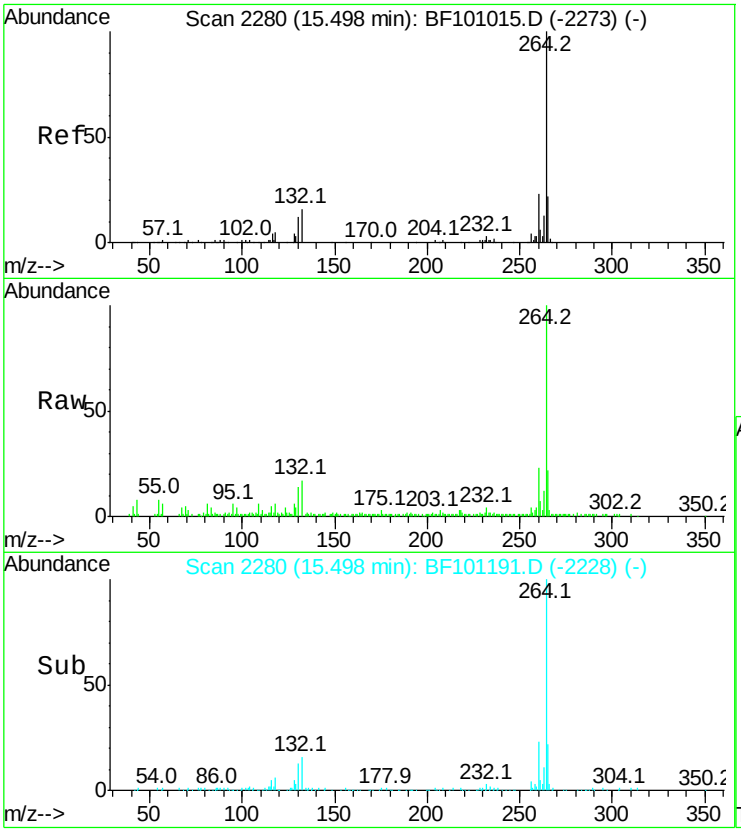


#82
Chrysene
Concen: 3.671 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:228 Resp: 22827

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.4	16.2	24.4



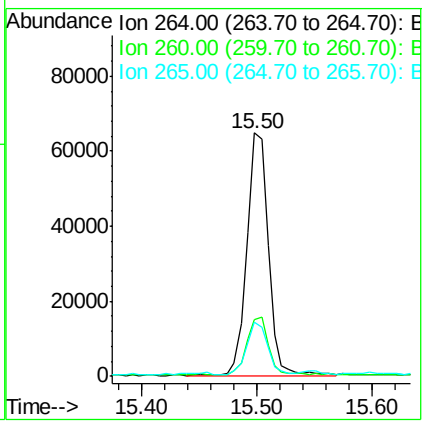


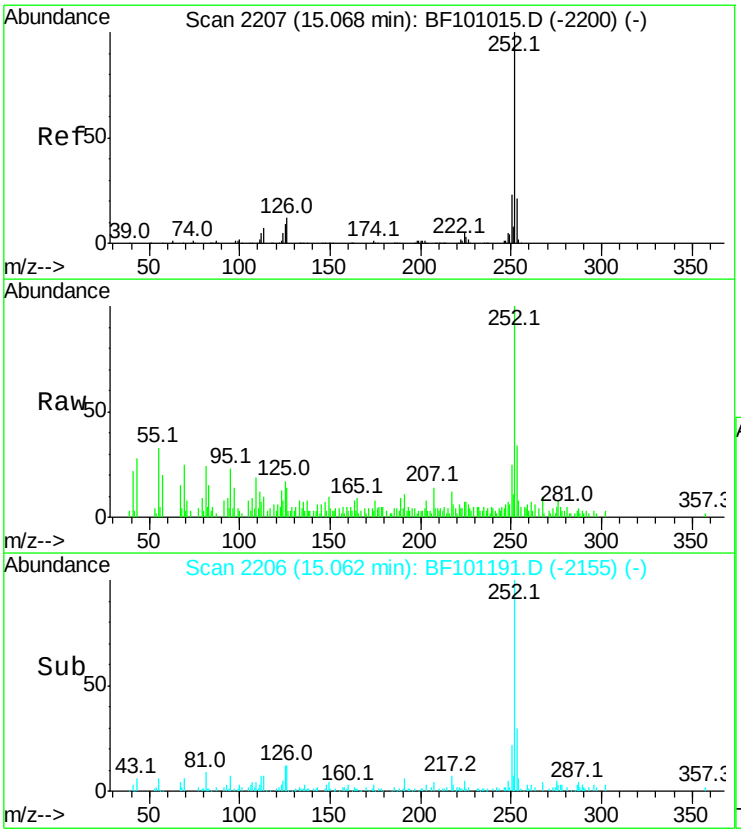
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:264 Resp: 85757

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3

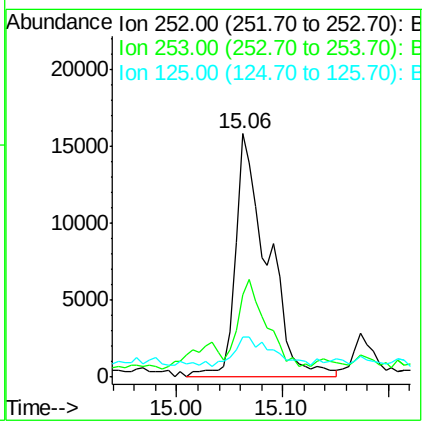


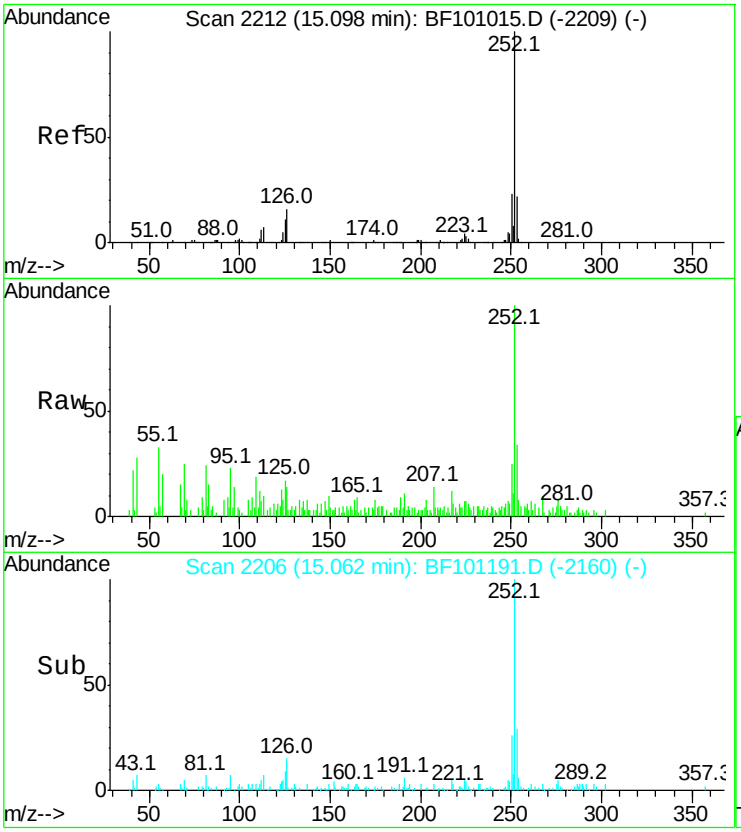


#87
Benzo(b)fluoranthene
Concen: 6.427 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:252 Resp: 33011

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.0	25.6#
125	16.7	9.0	13.6#



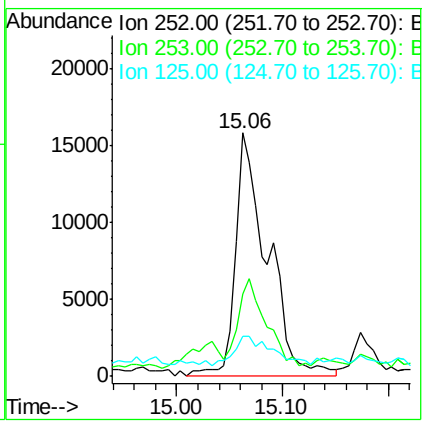


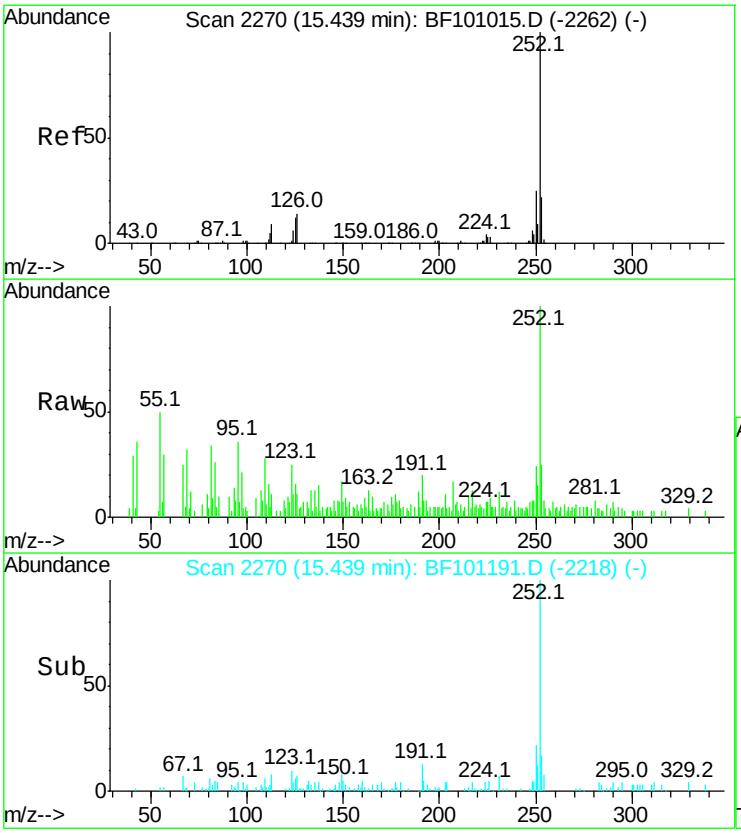
#88
Benzo(k)fluoranthene
Concen: 6.523 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:252 Resp: 33011

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.9	26.9#
125	16.7	10.2	15.2#

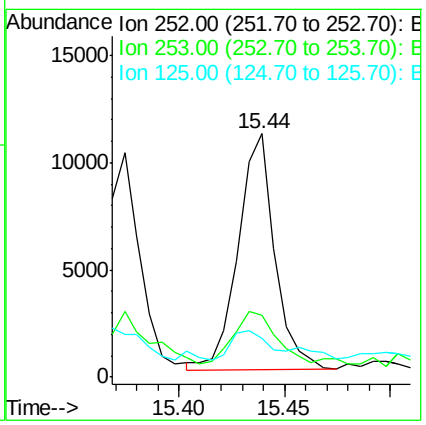


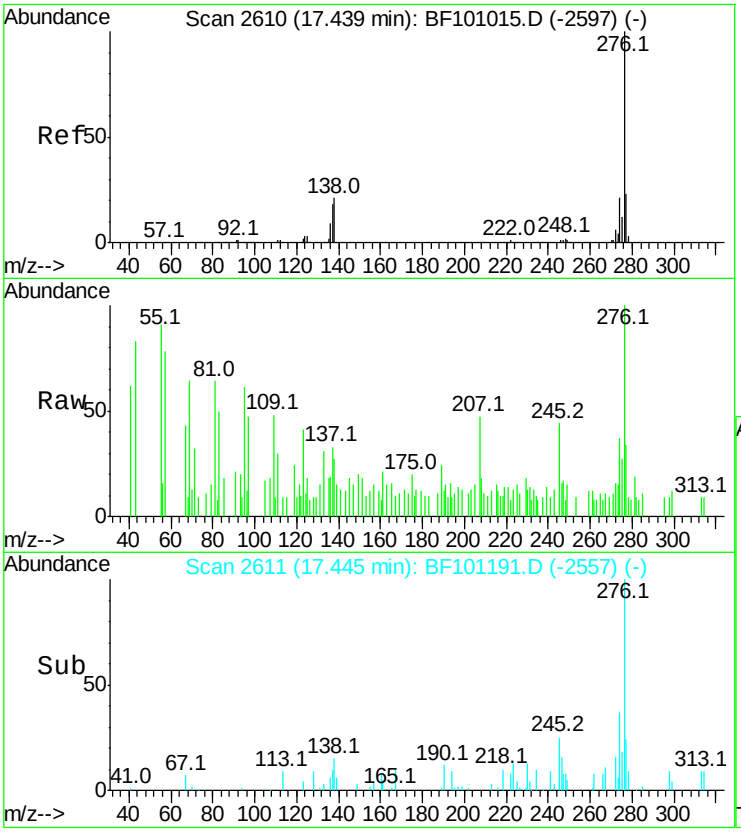


#89
Benzo(a)pyrene
Concen: 2.843 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Tgt Ion:252 Resp: 13277

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	16.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.243 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.02 min
Lab File: BF101191.D
Acq: 7 Dec 2017 2:45

Instrument :
BNA_F
ClientSampleId :
BART-3-E(0-1)

Tgt Ion:276 Resp: 8703

Ion	Ratio	Lower	Upper
276	100		
277	34.0	17.9	26.9#
138	27.0	21.8	32.8