Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101189.D
Acq On : 7 Dec 2017 1:51
Operator : SJ/JU
Sample : I6656-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BART-4-E(4-5)

Quant Time: Dec 07 04:31:21 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	43833	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	167820	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	69777	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	110164	20.00	ng		0.00
75) Chrysene-d12	14.02	240	100633	20.00	ng		0.00
86) Perylene-d12	15.50	264	101501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	241711	91.12	ng		0.00
7) Phenol-d6	6.48	99	297398	92.34	ng		0.00
23) Nitrobenzene-d5	7.41	82	187229	66.55	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	55156	65.80	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	360335	70.66	ng		0.00
78) Terphenyl-d14	12.96	244	246988	53.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	5519	2.800	ng	#	77
10) Phenol	6.49	94	9085	2.537	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	24812	11.440	ng	#	81
25) Isophorone	7.41	82	187226	38.962	ng	#	64
49) Dimethylphthalate	9.60	163	34208	6.079	ng		99
50) 2,6-Dinitrotoluene	9.89	165	8501	7.172	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	8501	5.352	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	3146	2.551	ng	#	1
70) Phenanthrene	11.40	178	21693	3.576	ng		98
74) Fluoranthene	12.59	202	36530	5.432	ng		97
77) Pyrene	12.82	202	52893	7.617	ng		95
80) Benzo(a)anthracene	14.01	228	41451	6.524	ng		97
82) Chrysene	14.04	228	43272	7.333	ng		95
85) Indeno(1,2,3-cd)pyrene	16.98	276	15290	2.915	ng	#	88
87) Benzo(b)fluoranthene	15.07	252	54777	9.010	ng		98
88) Benzo(k)fluoranthene	15.07	252	54777	9.145	ng		98
89) Benzo(a)pyrene	15.37	252	25728	4.655	ng		98
91) Benzo(g,h,i)perylene	17.43	276	16035	3.492	ng	#	90

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

Quantitation Report (Not Reviewed)

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Data File : BF101189.D
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BART-4-E(4-5)

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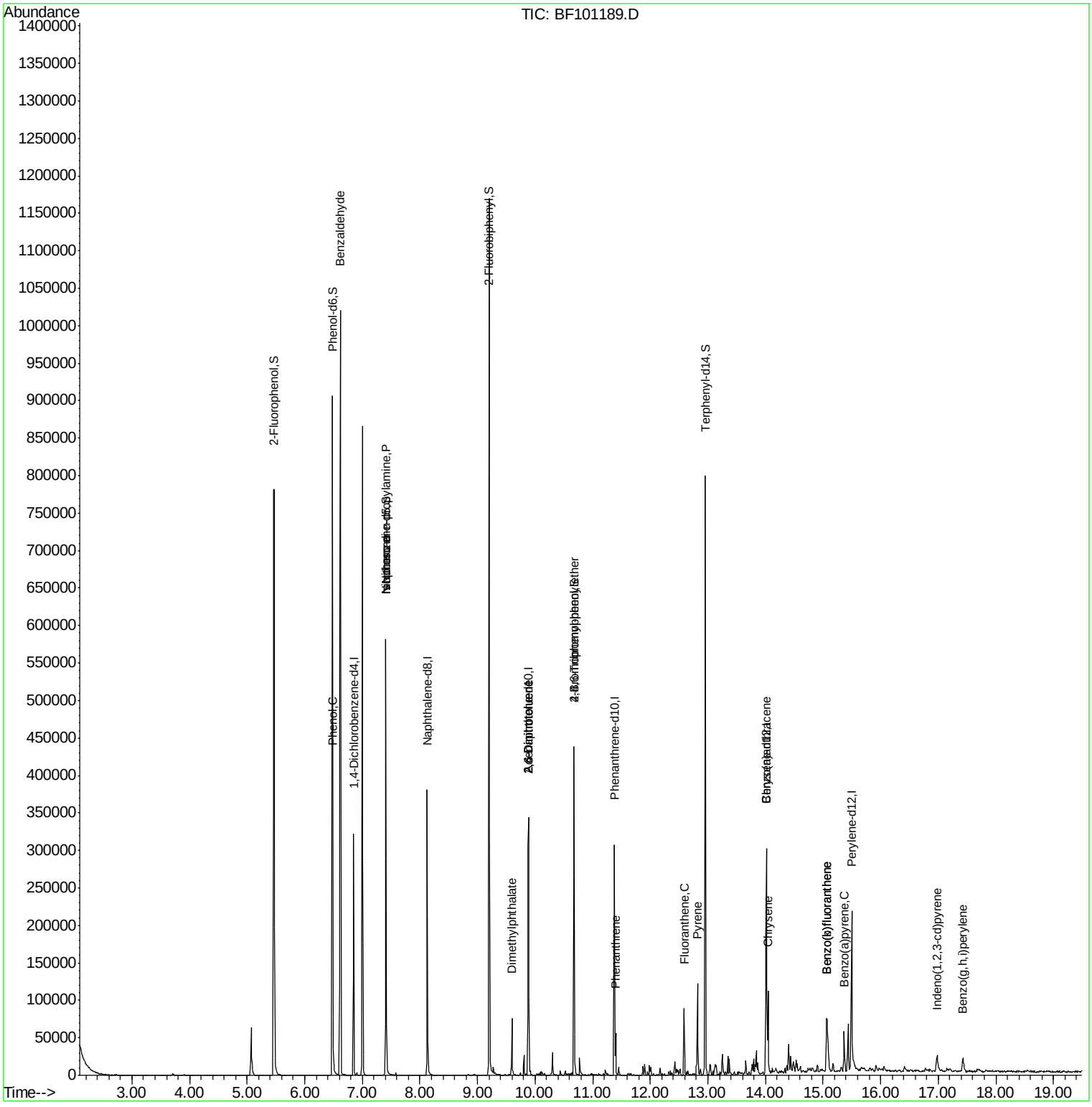
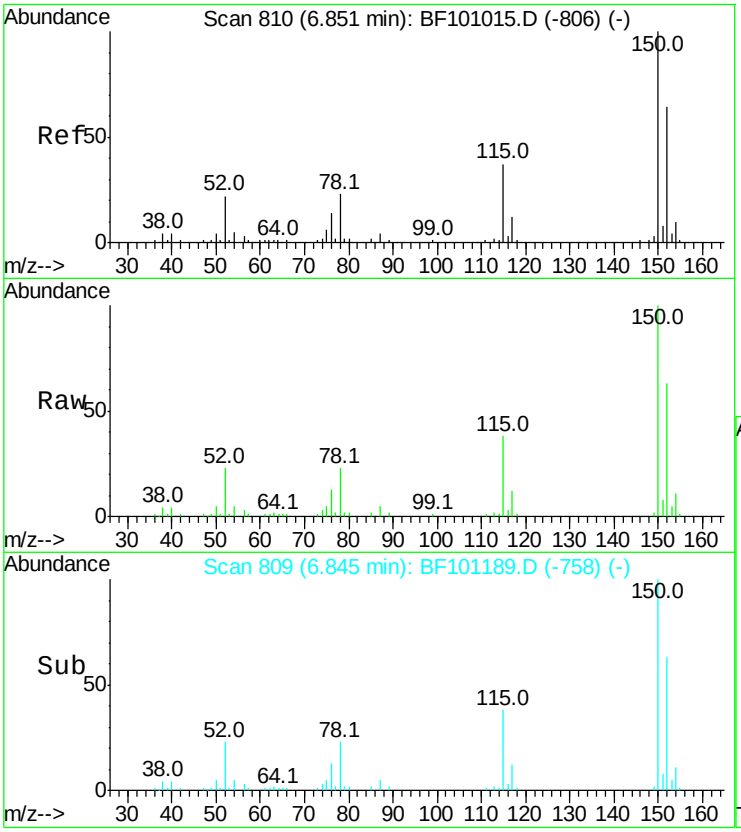


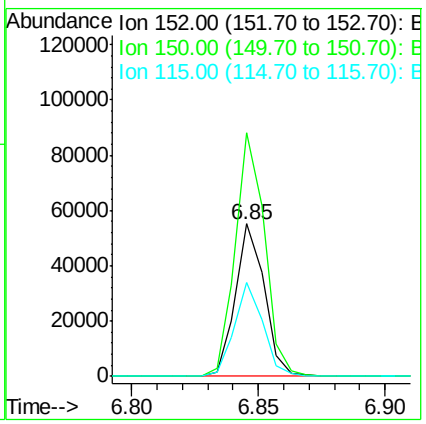


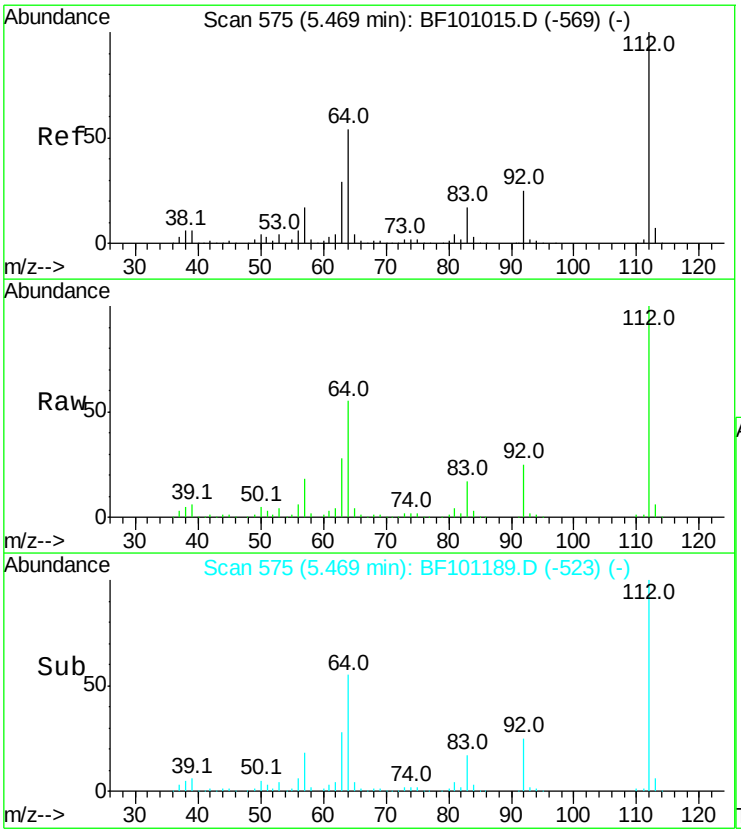
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:152 Resp: 43833

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	61.2	50.1	75.1

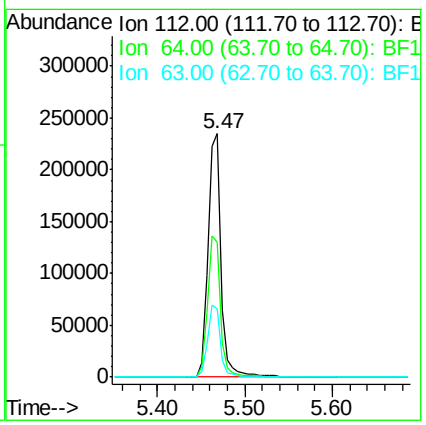


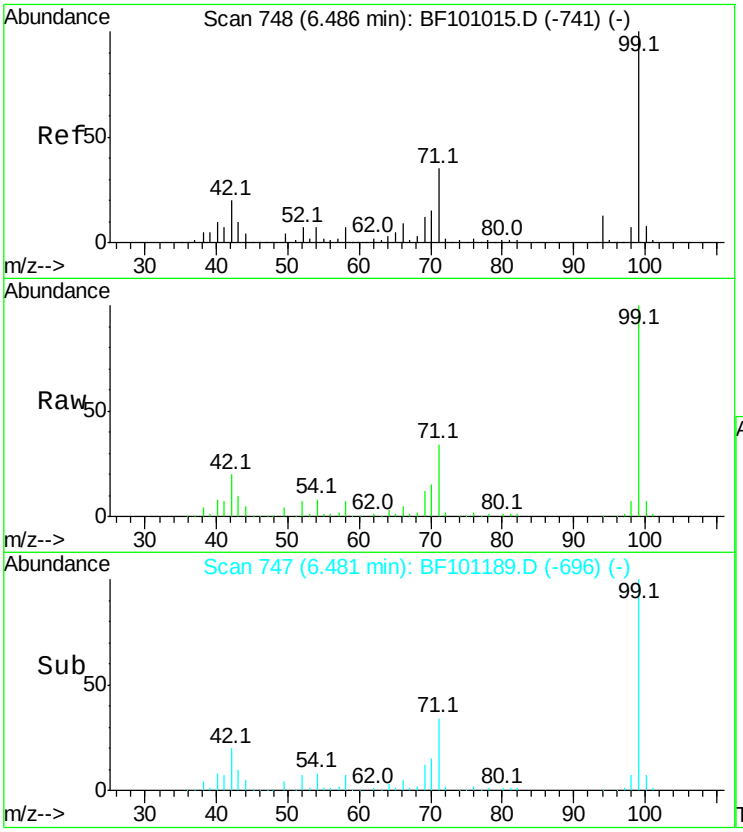


#5
2-Fluorophenol
Concen: 91.122 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:112 Resp: 241711

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.1	23.7	35.5



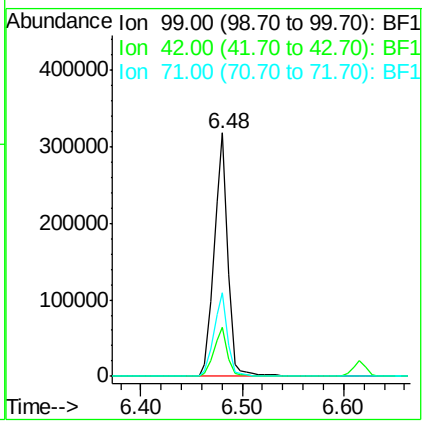


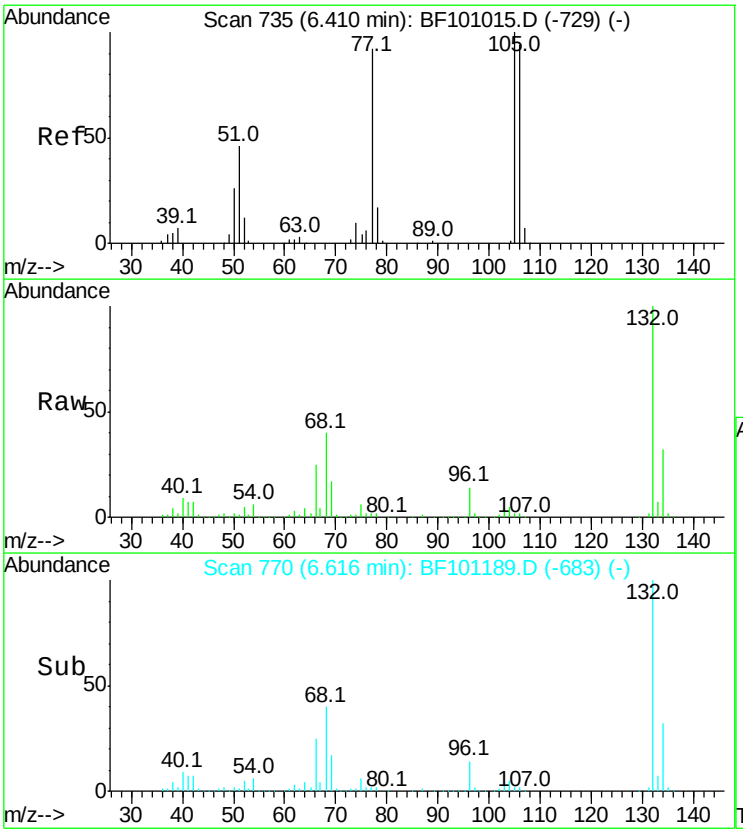
#7
Phenol-d6
Concen: 92.344 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion: 99 Resp: 297398

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.5	25.4	38.0

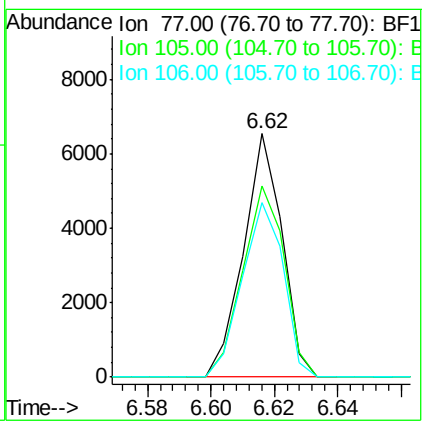


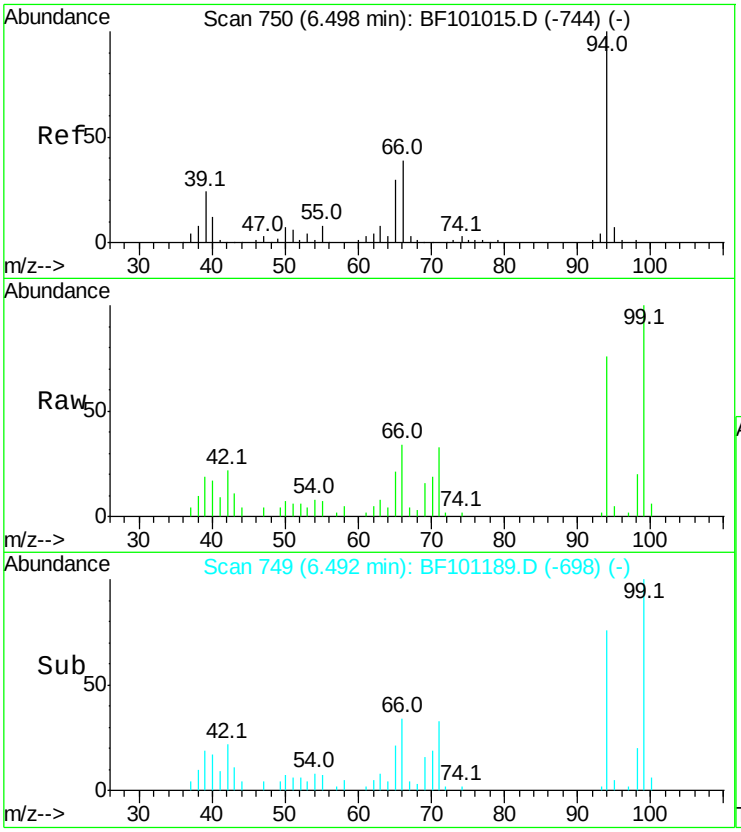


#9
Benzaldehyde
Concen: 2.800 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion: 77 Resp: 5519

Ion	Ratio	Lower	Upper
77	100		
105	78.5	81.1	121.1#
106	71.5	74.5	114.5#



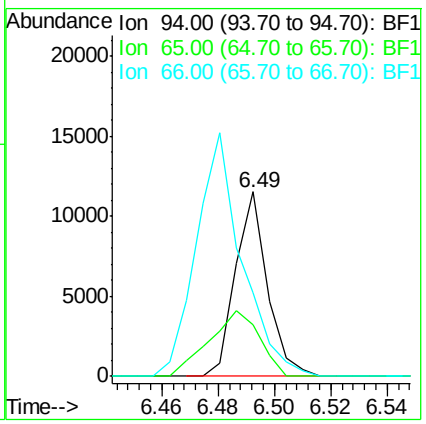


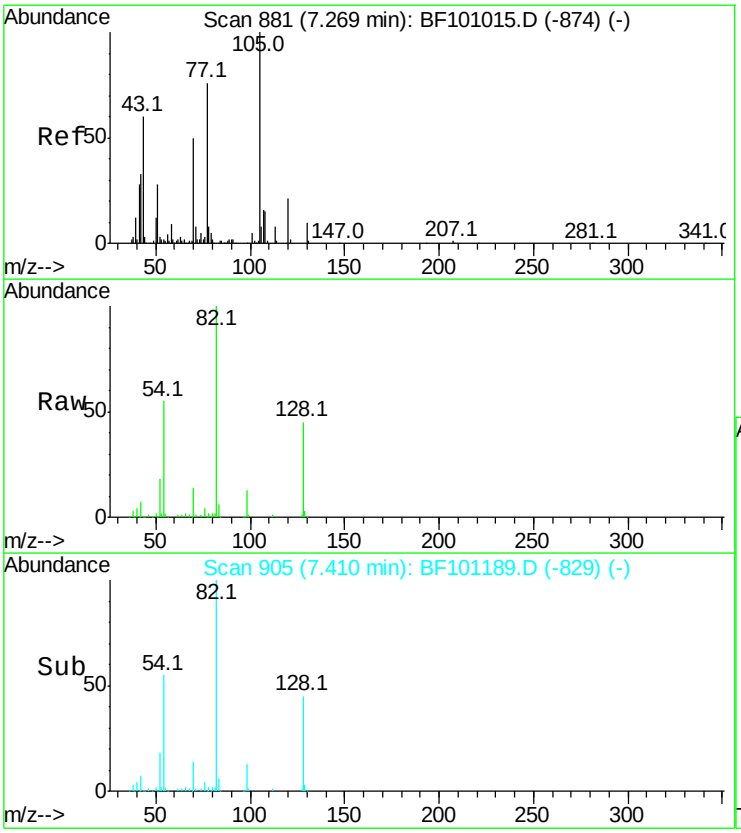
#10
Phenol
Concen: 2.537 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion: 94 Resp: 9085

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	45.2	16.2	56.2

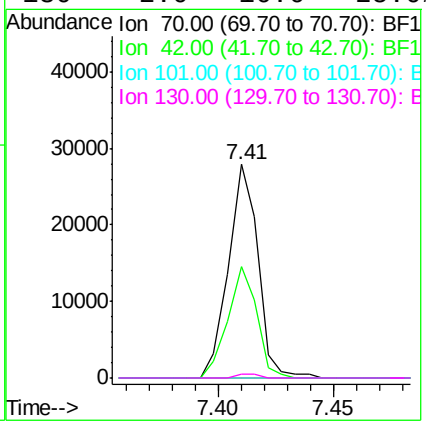


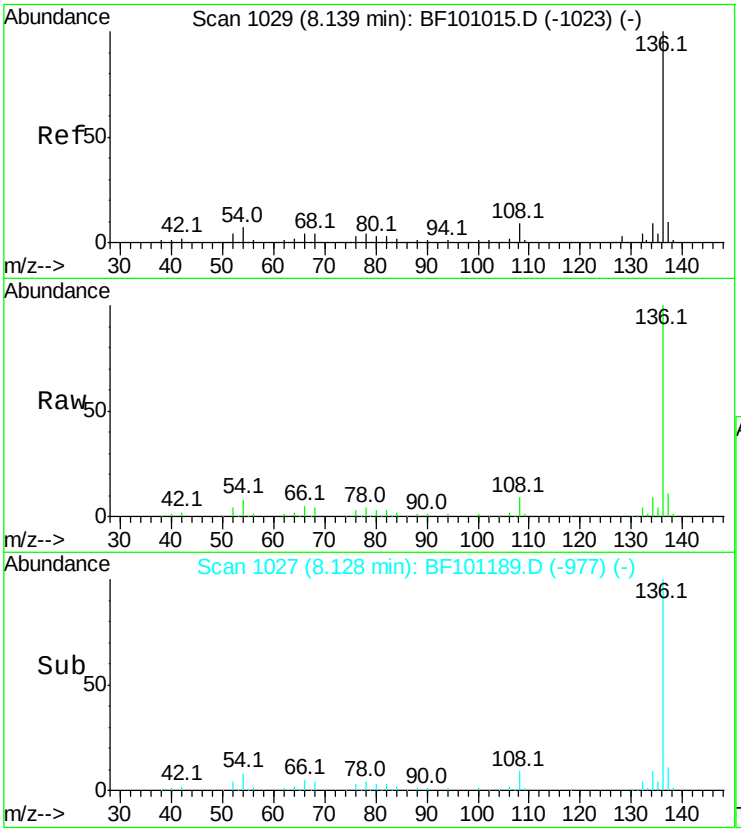


#19
n-Nitroso-di-n-propylamine
Concen: 11.440 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion: 70 Resp: 24812

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



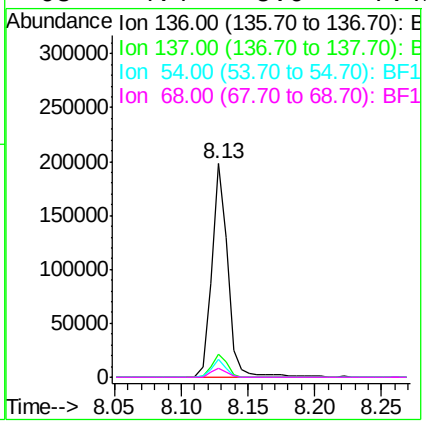


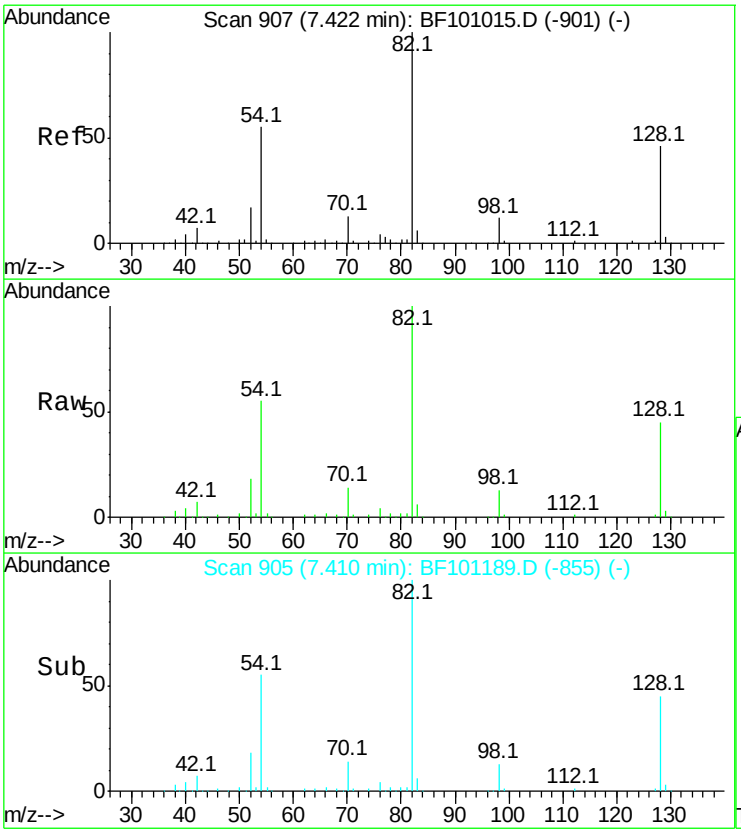
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:136 Resp: 167820

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	4.4	5.0	7.4#

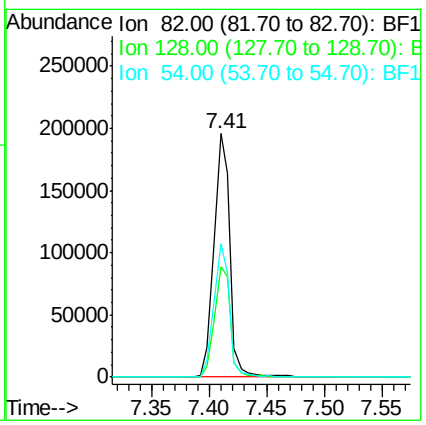


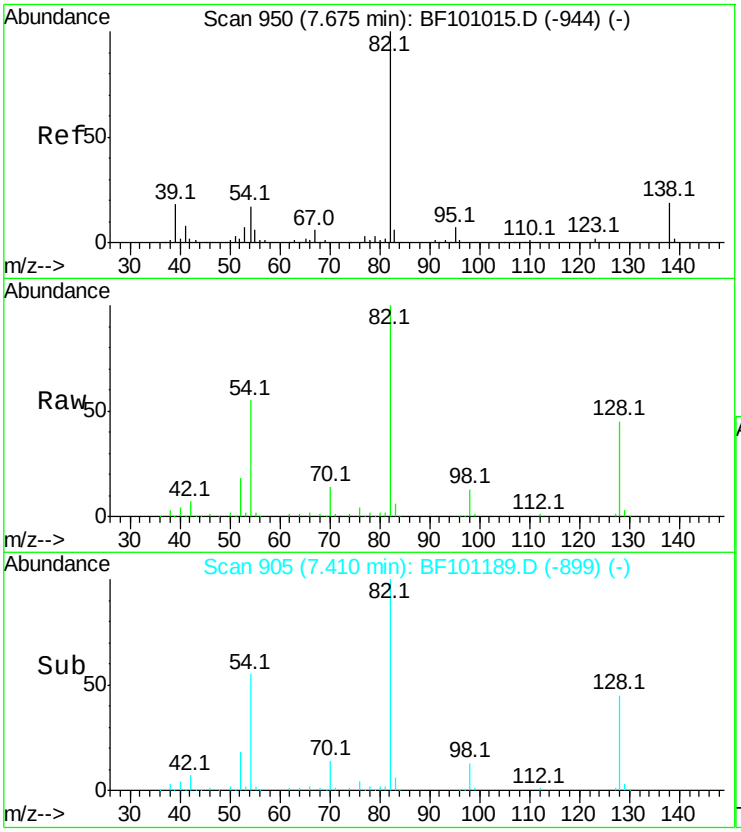


#23
Nitrobenzene-d5
Concen: 66.552 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion: 82 Resp: 187229

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.0	41.4	62.2



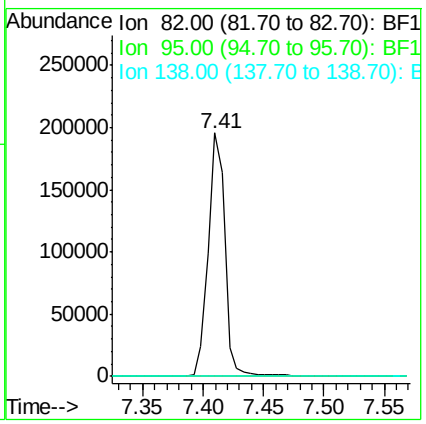


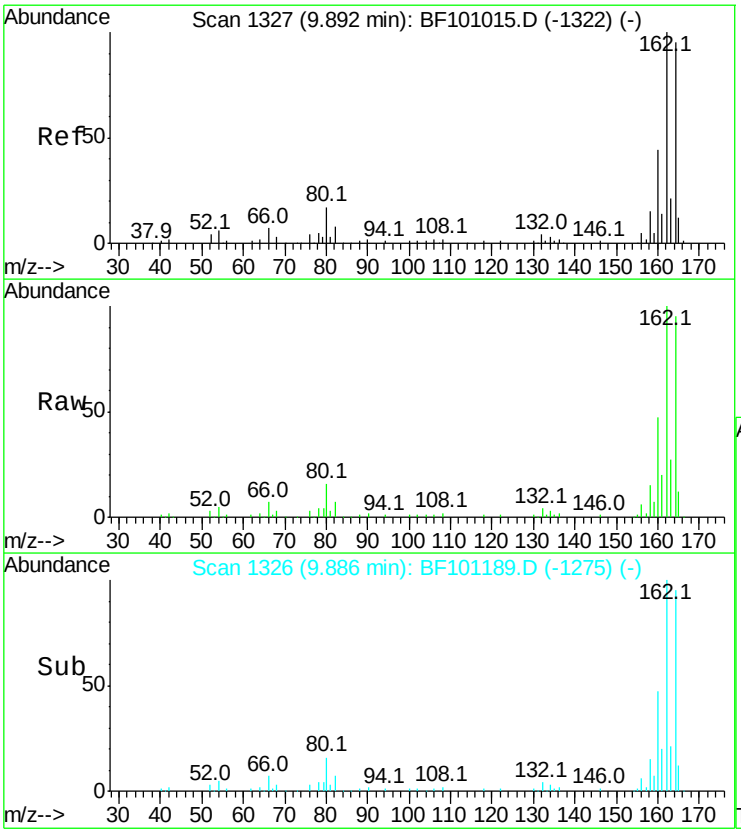
#25
Isophorone
Concen: 38.962 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion: 82 Resp: 187226

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

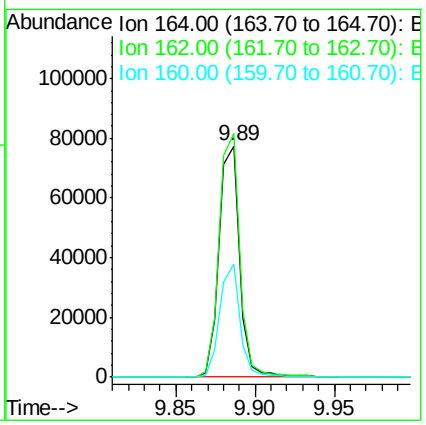


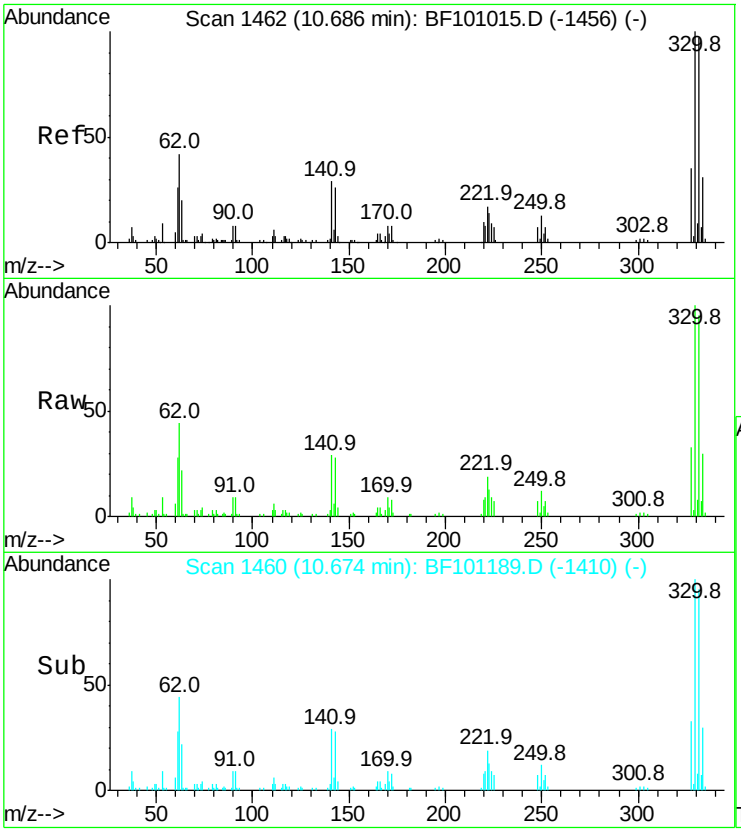


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:164 Resp: 69777

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	49.1	38.3	57.5



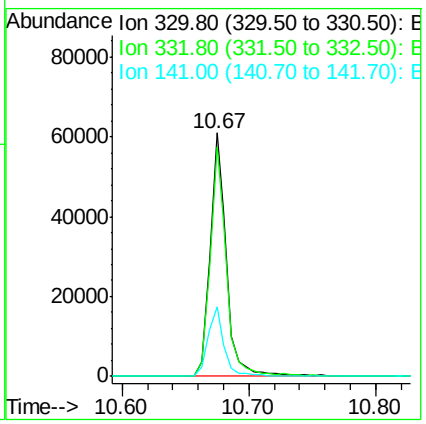


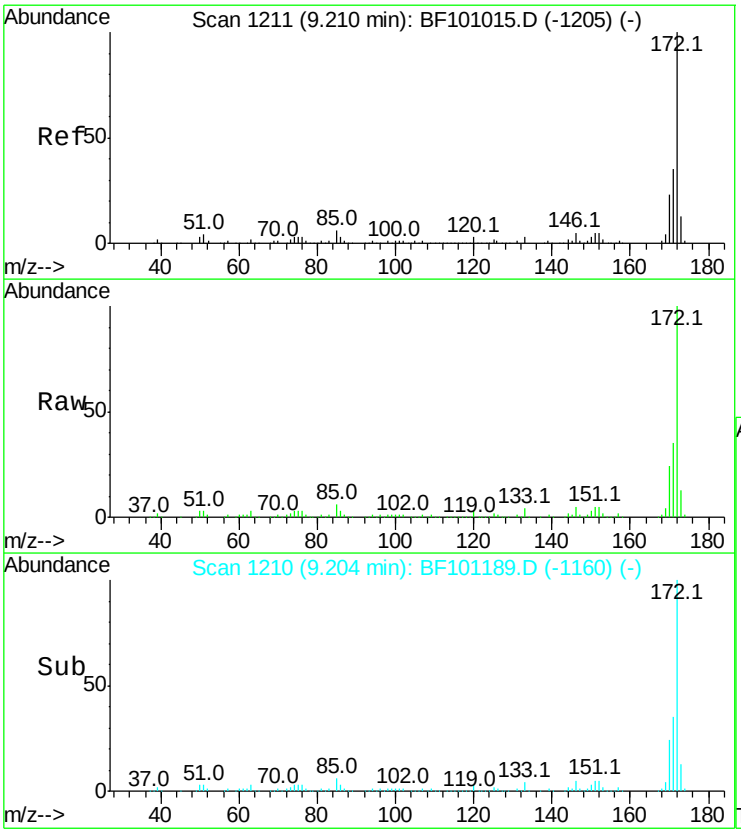
#41
2,4,6-Tribromophenol
Concen: 65.801 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:330 Resp: 55156

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	28.0	29.9	44.9#

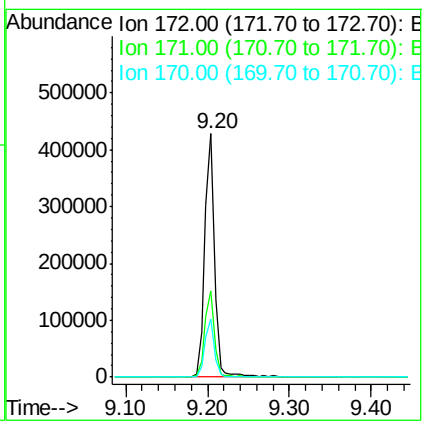


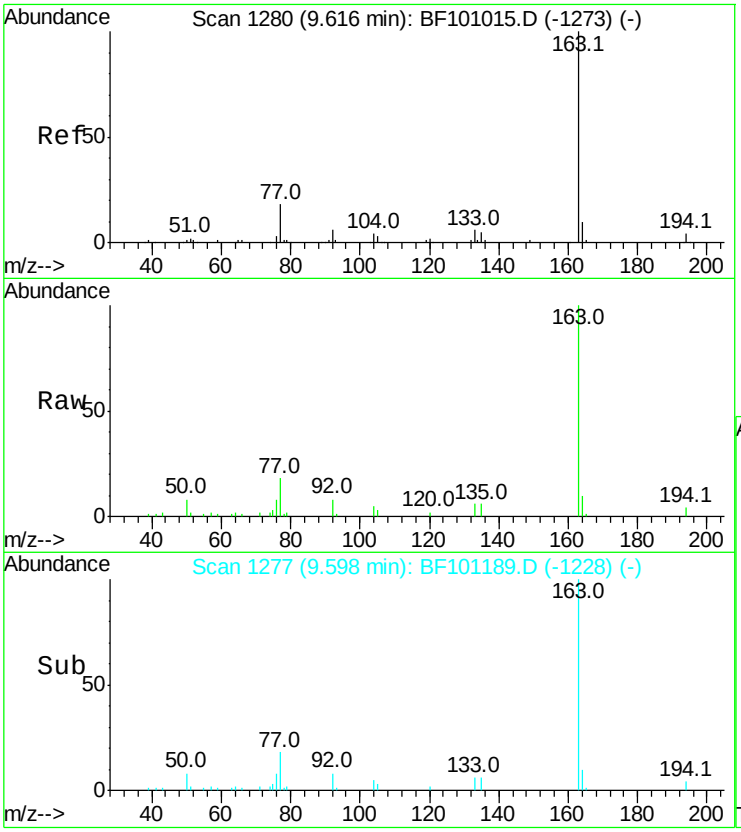


#44
2-Fluorobiphenyl
Concen: 70.655 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:172 Resp: 360335

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.7	19.6	29.4



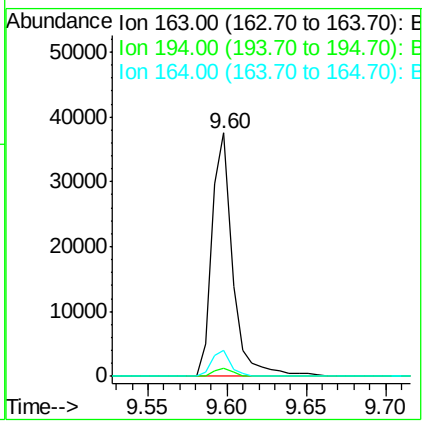


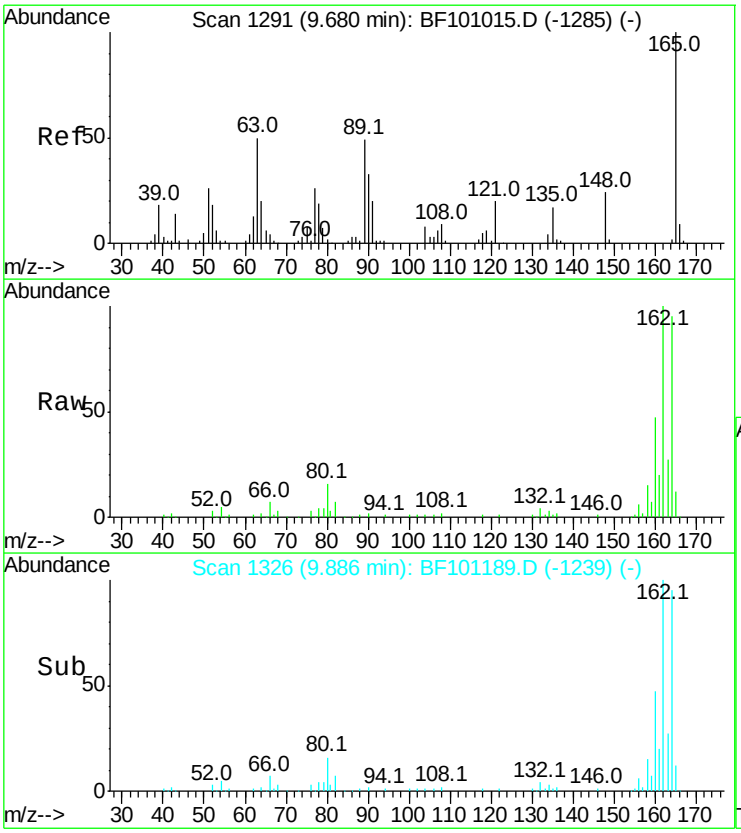
#49
Dimethylphthalate
Concen: 6.079 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:163 Resp: 34208

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

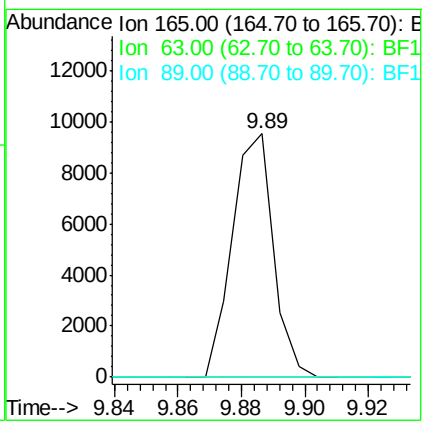


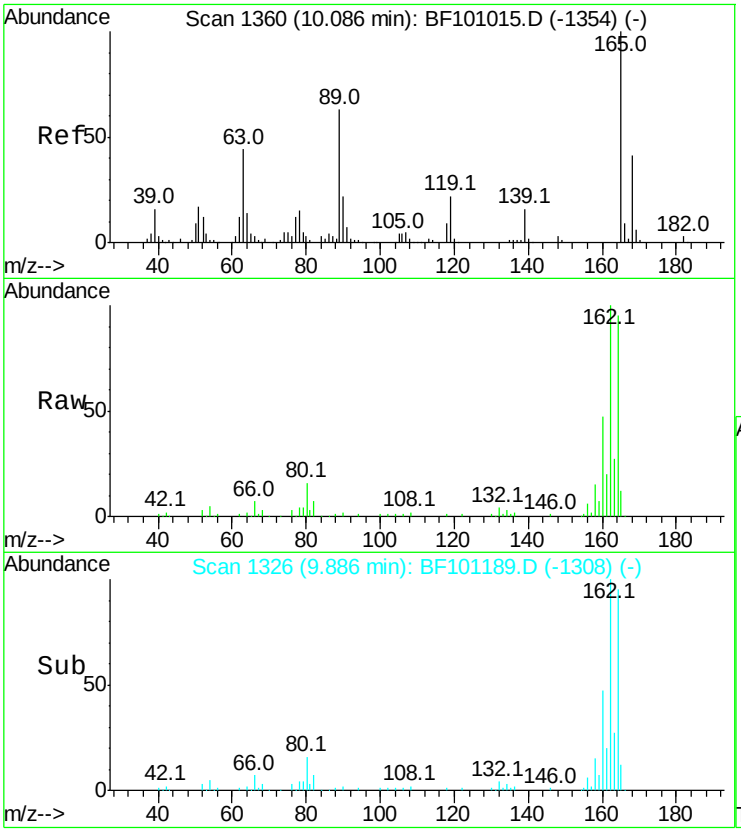


#50
2,6-Dinitrotoluene
Concen: 7.172 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:165 Resp: 8501

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



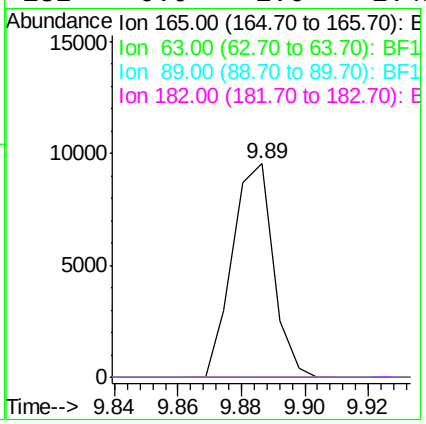


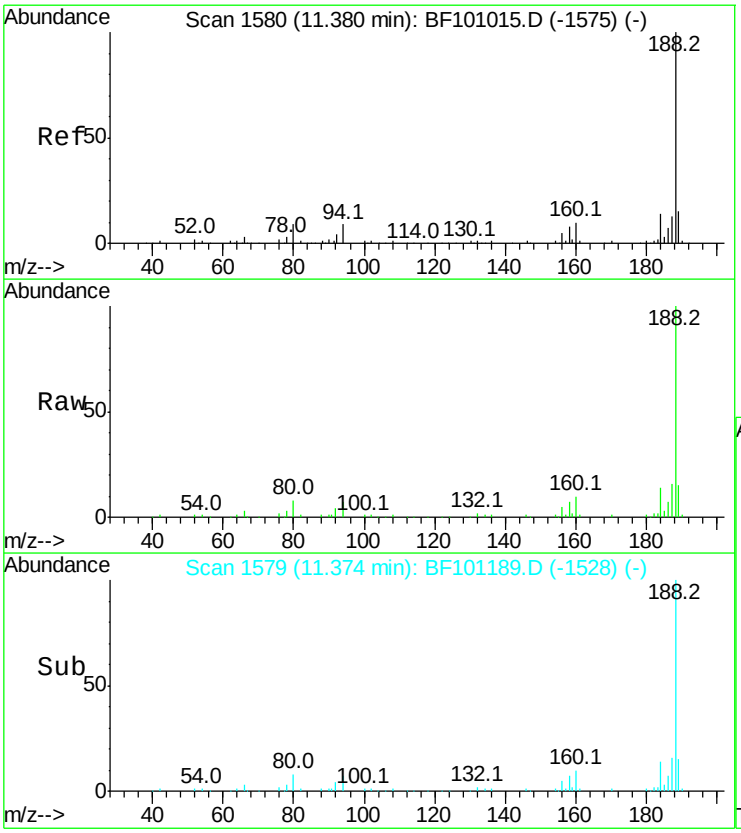
#56
2,4-Dinitrotoluene
Concen: 5.352 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:165 Resp: 8501

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#

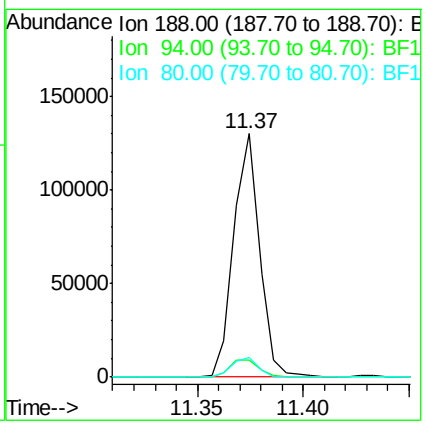


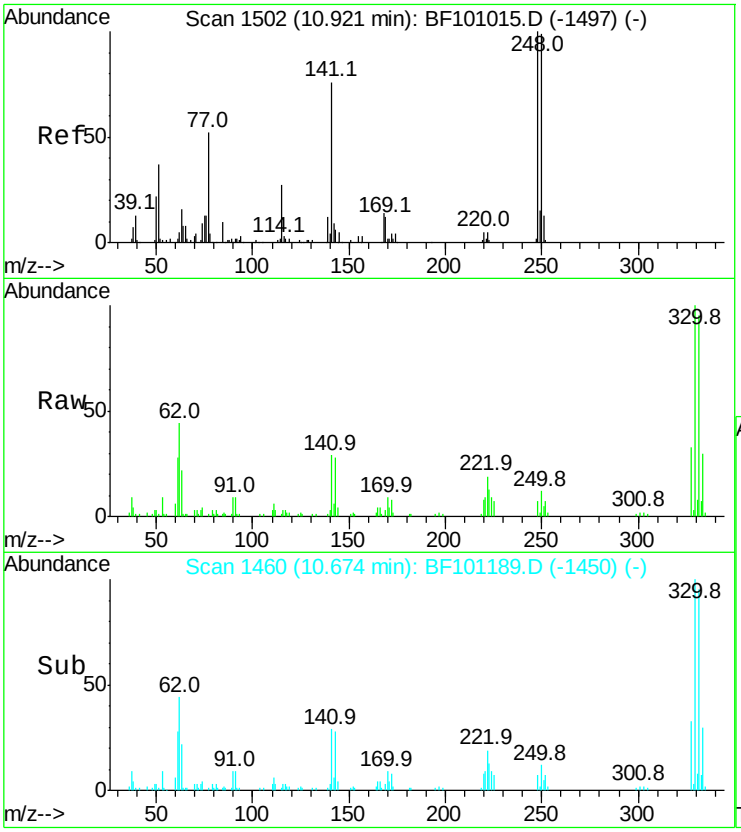


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:188 Resp: 110164

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	8.2	9.2	13.8#



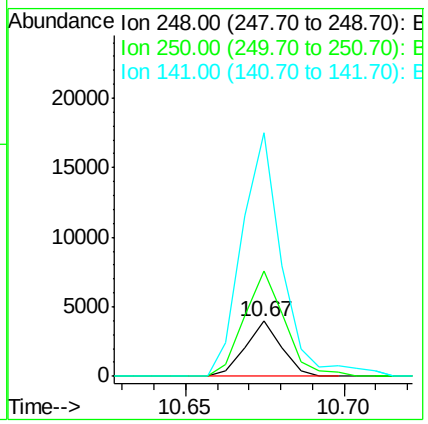


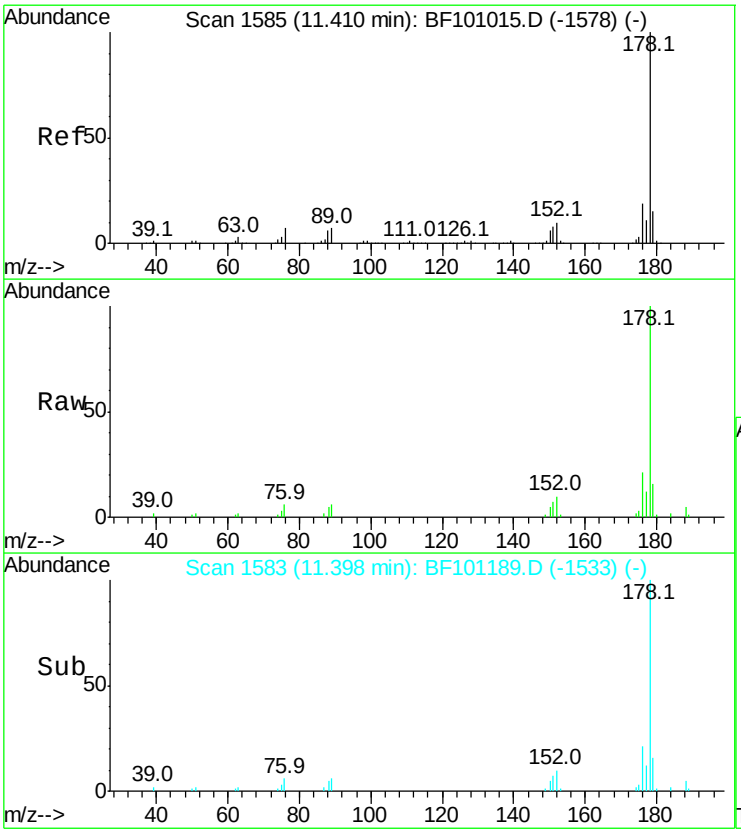
#66
4-Bromophenyl-phenylether
Concen: 2.551 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:248 Resp: 3146

Ion	Ratio	Lower	Upper
248	100		
250	189.7	76.9	115.3#
141	440.2	74.4	111.6#

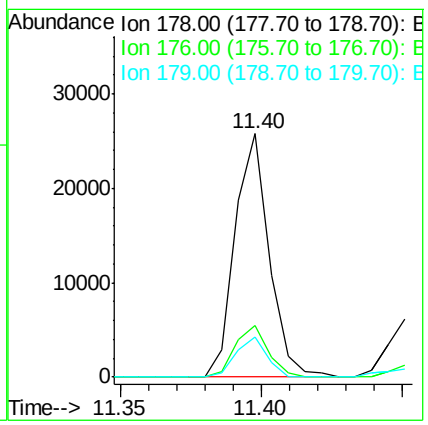


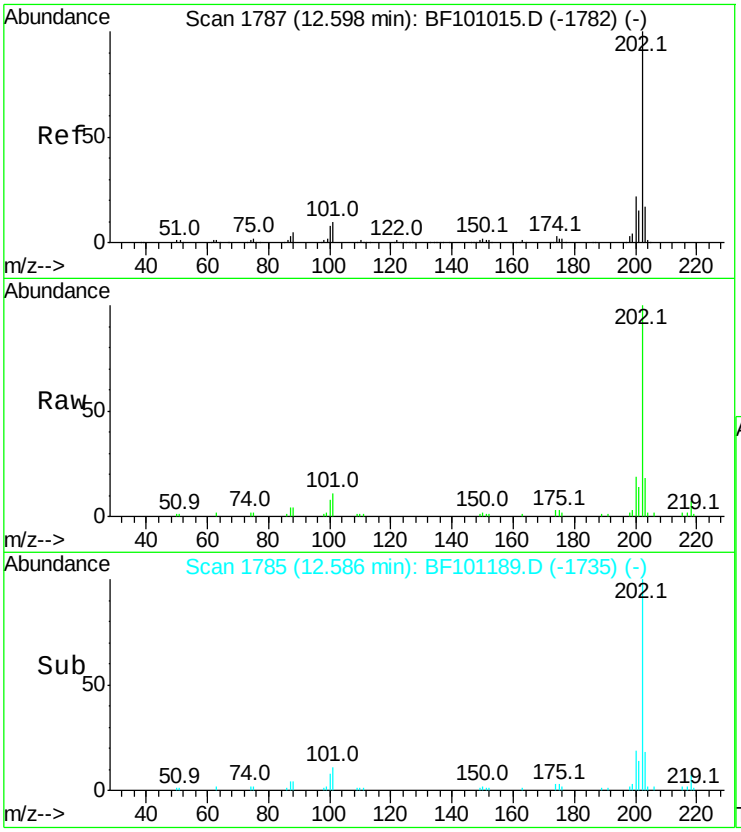


#70
Phenanthrene
Concen: 3.576 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:178 Resp: 21693

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	16.3	13.0	19.6



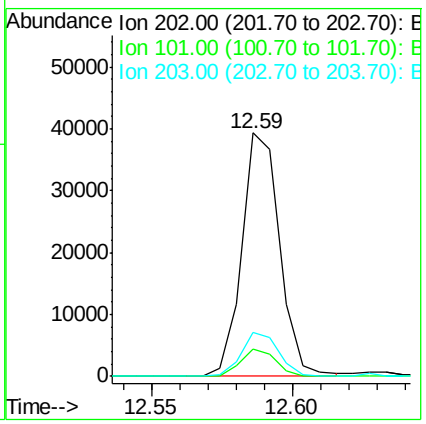


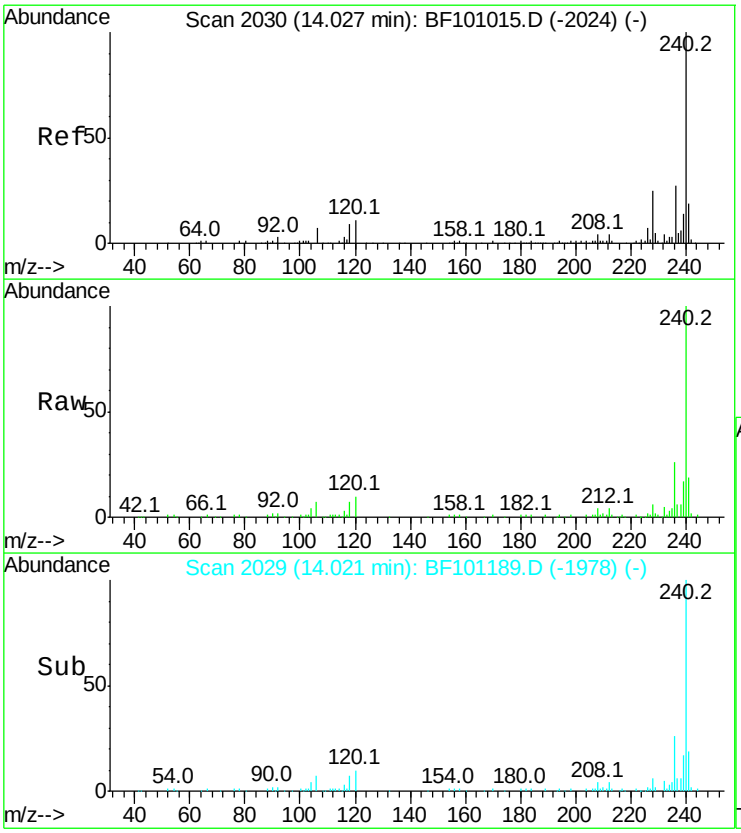
#74
Fluoranthene
Concen: 5.432 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:202 Resp: 36530

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.9	0.0	38.1

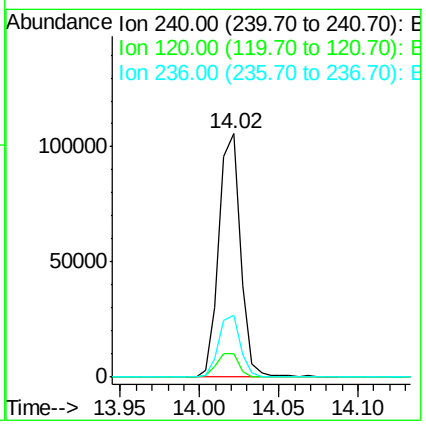


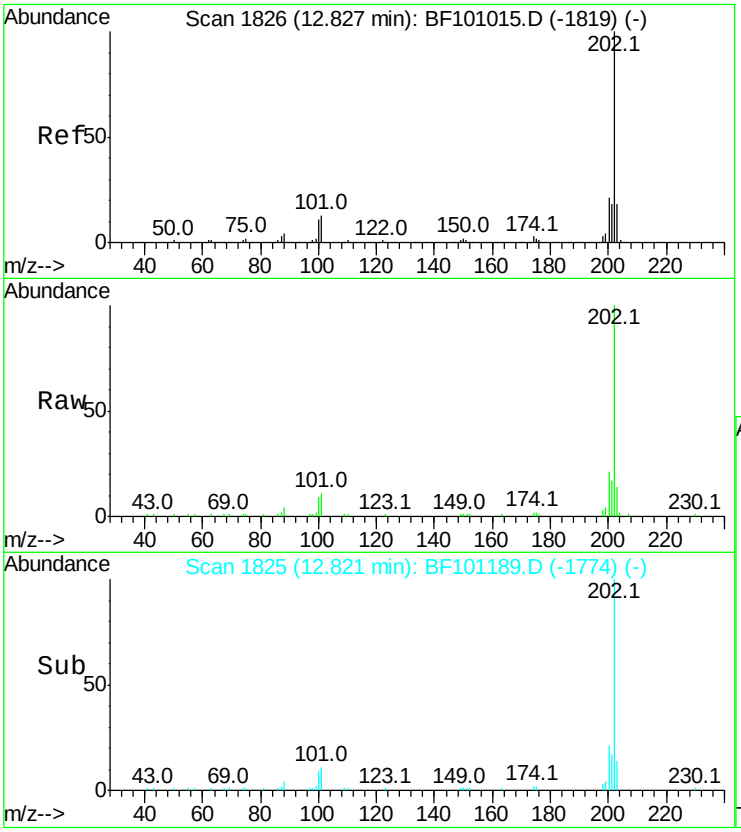


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:240 Resp: 100633

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.7	20.7	31.1



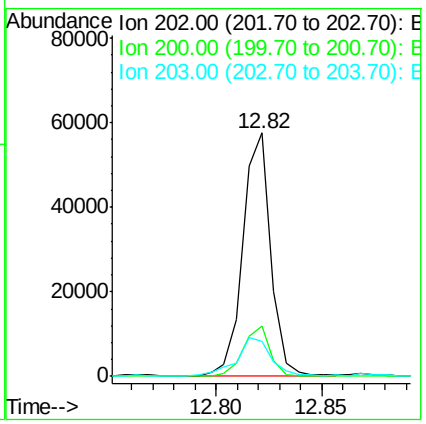


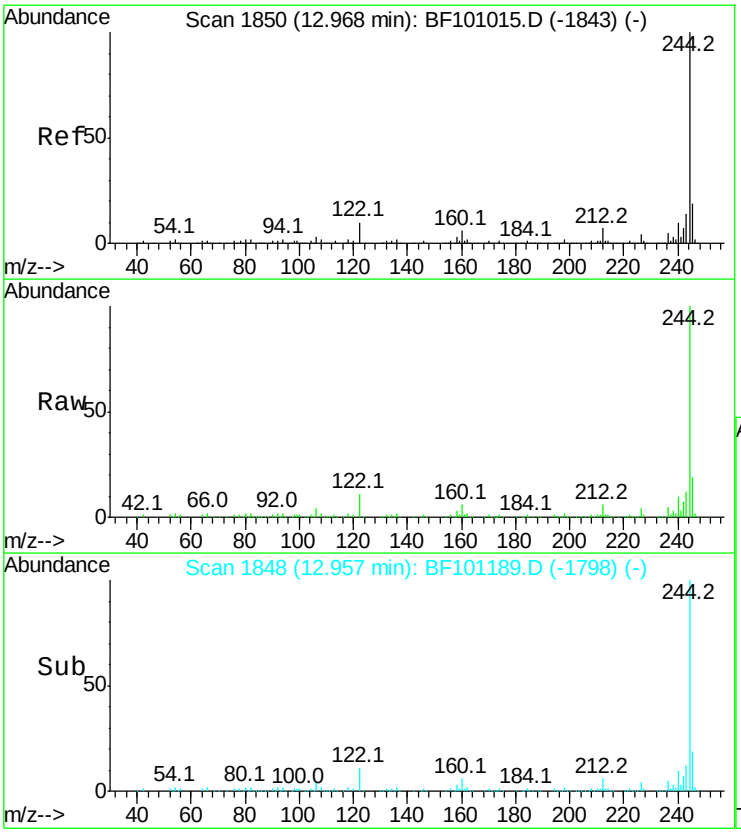
#77
Pyrene
Concen: 7.617 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:202 Resp: 52893

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	14.4	14.3	21.5

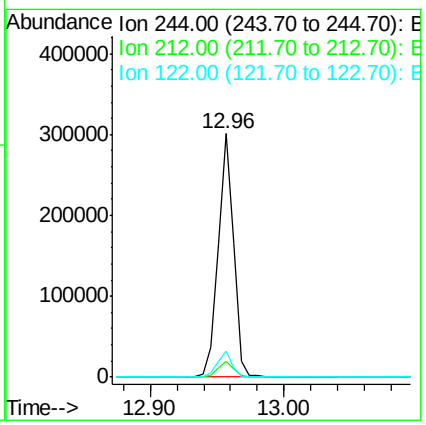


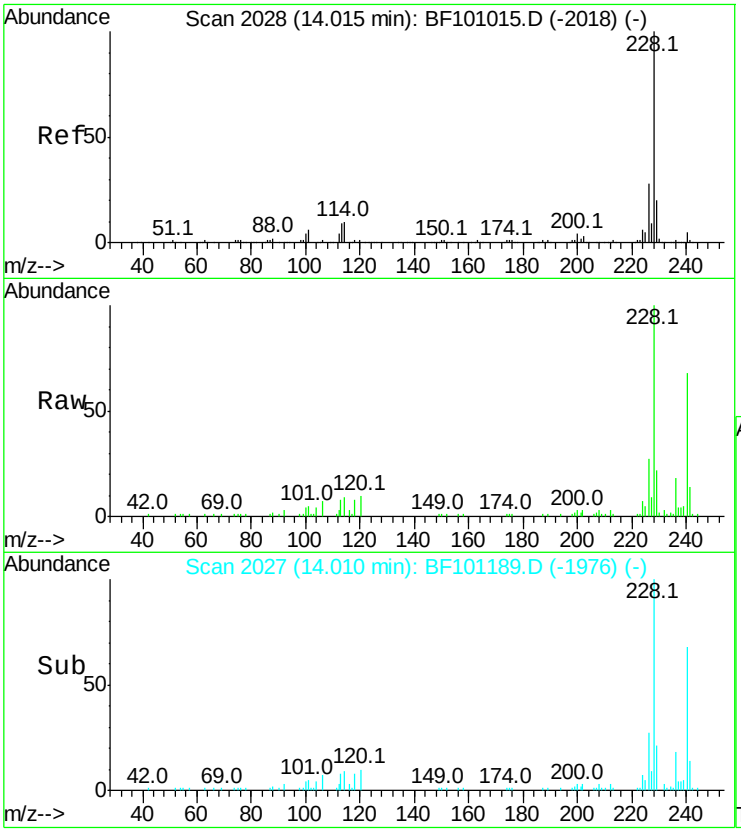


#78
Terphenyl-d14
Concen: 53.683 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:244 Resp: 246988

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.7	11.0	16.4#



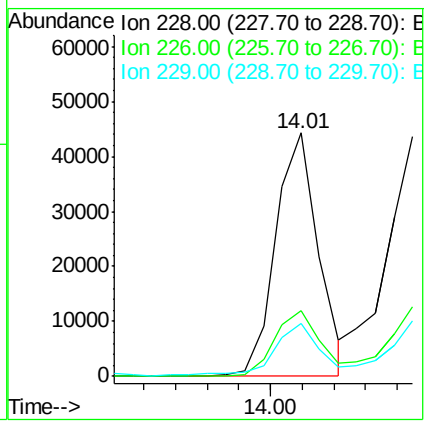


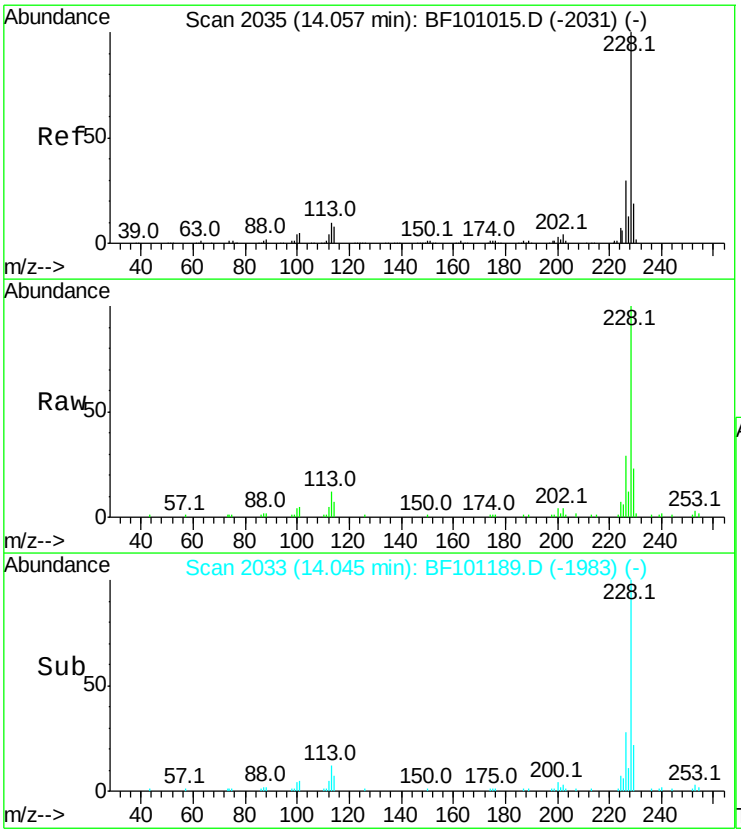
#80
Benzo(a)anthracene
Concen: 6.524 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:228 Resp: 41451

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.8	15.8	23.6

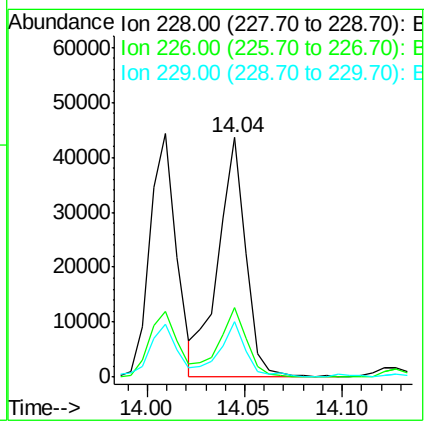


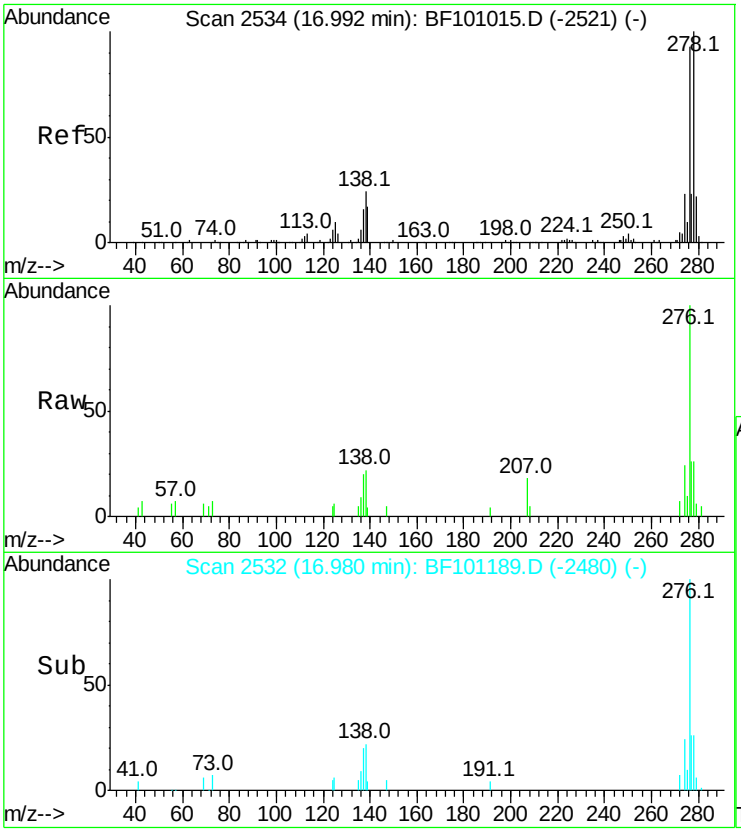


#82
Chrysene
Concen: 7.333 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:228 Resp: 43272

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	22.9	16.2	24.4



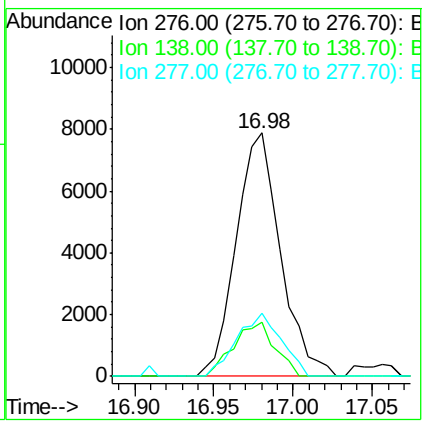


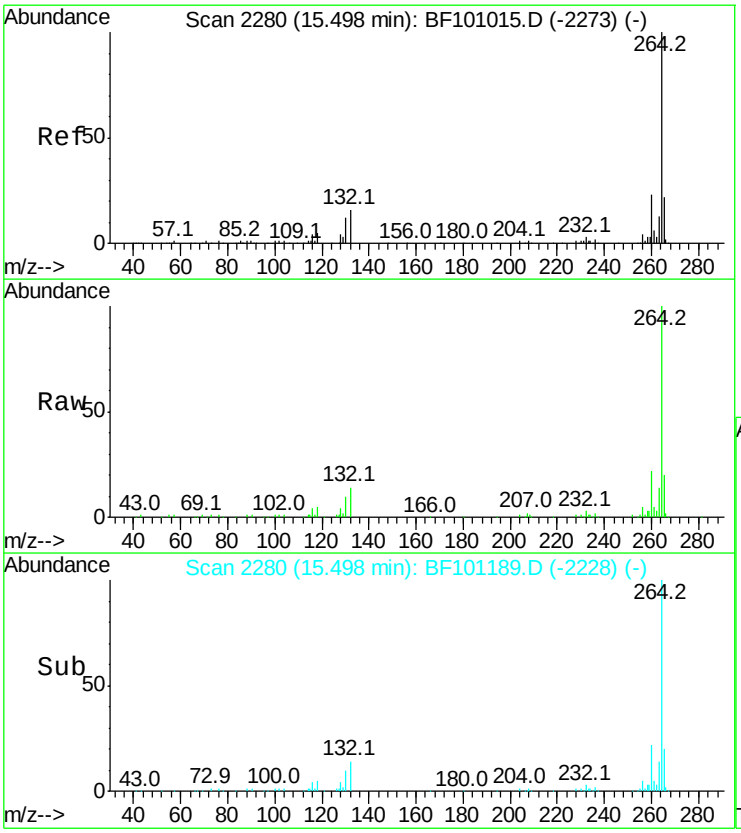
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.915 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:276 Resp: 15290

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	26.3	20.1	30.1

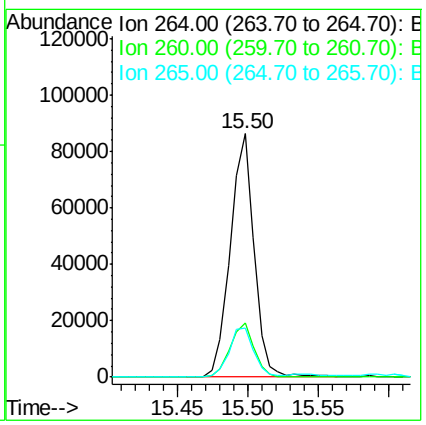


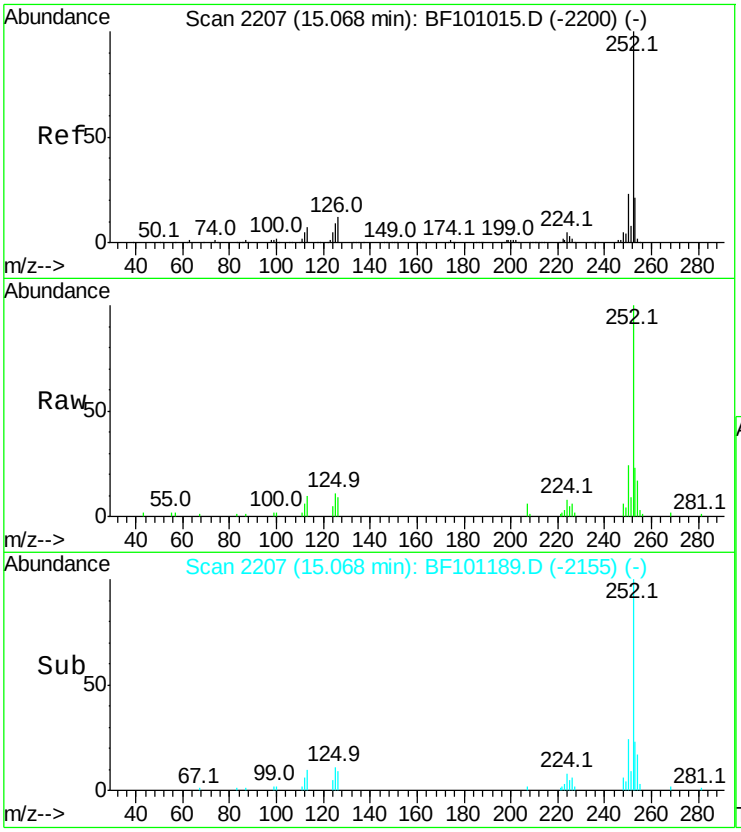


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:264 Resp: 101501

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.3	17.5	26.3



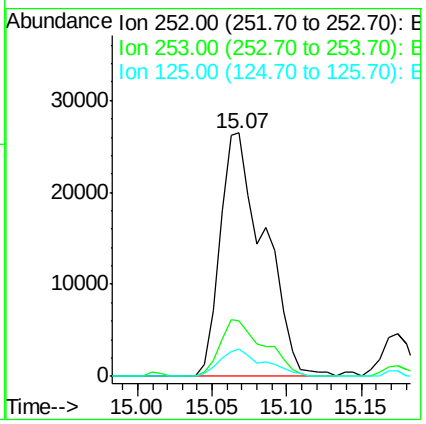


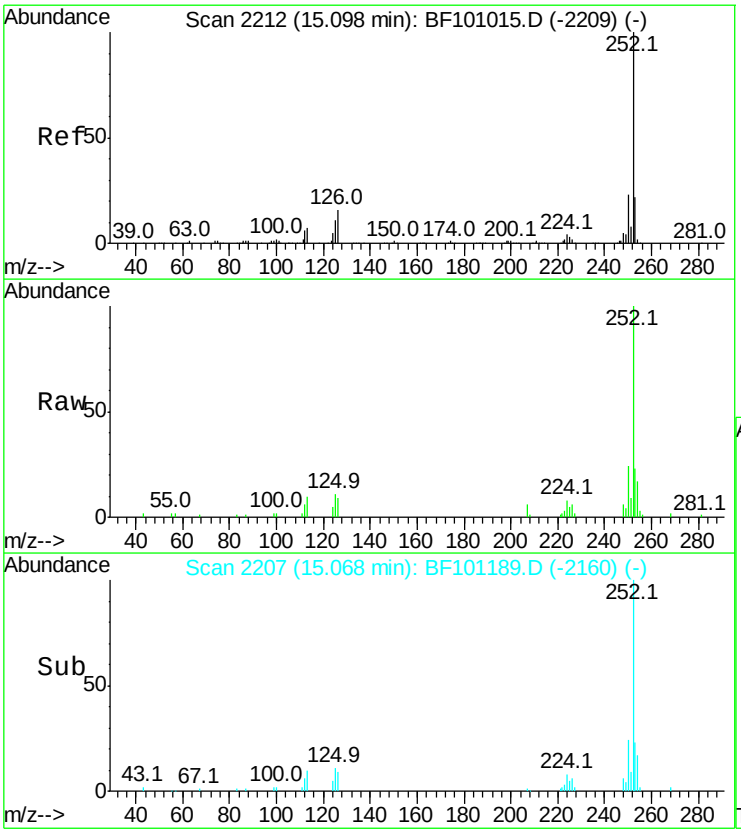
#87
Benzo(b)fluoranthene
Concen: 9.010 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:252 Resp: 54777

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.4	9.0	13.6

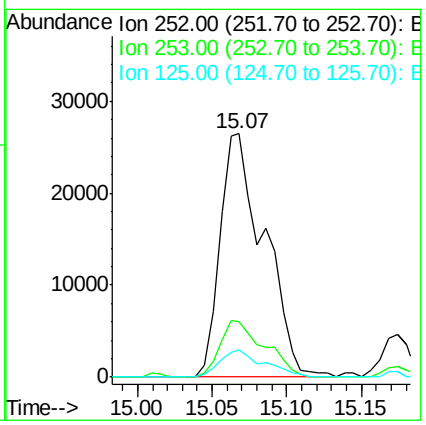


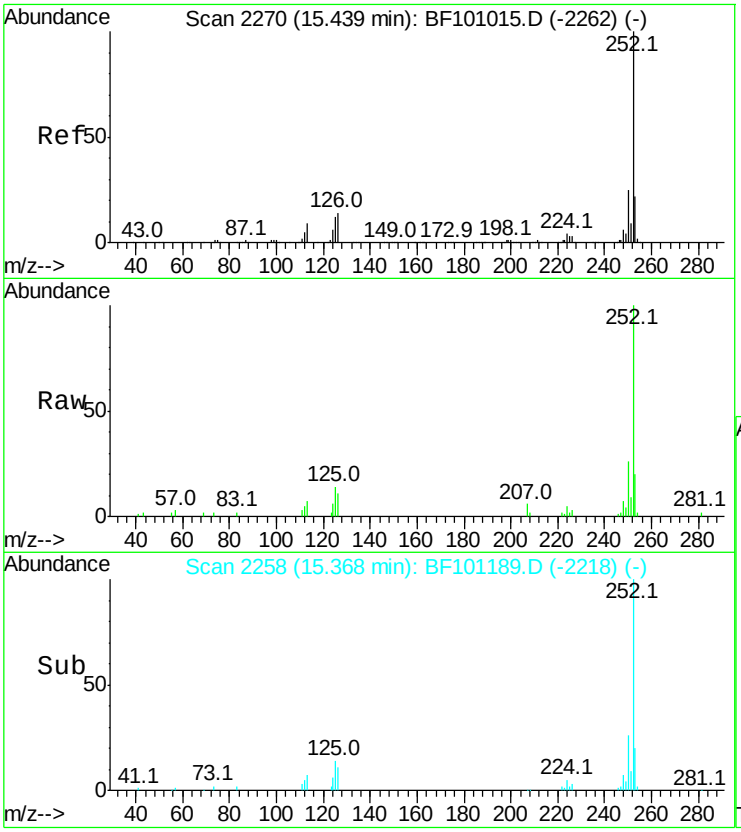


#88
Benzo(k)fluoranthene
Concen: 9.145 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:252 Resp: 54777

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.4	10.2	15.2



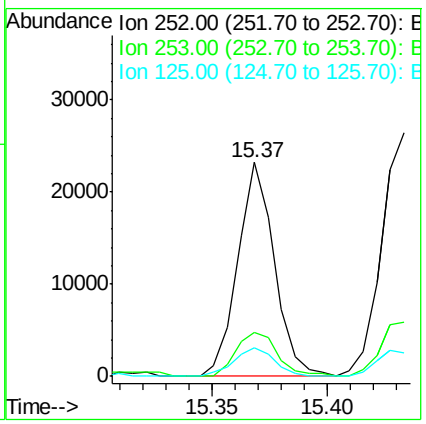


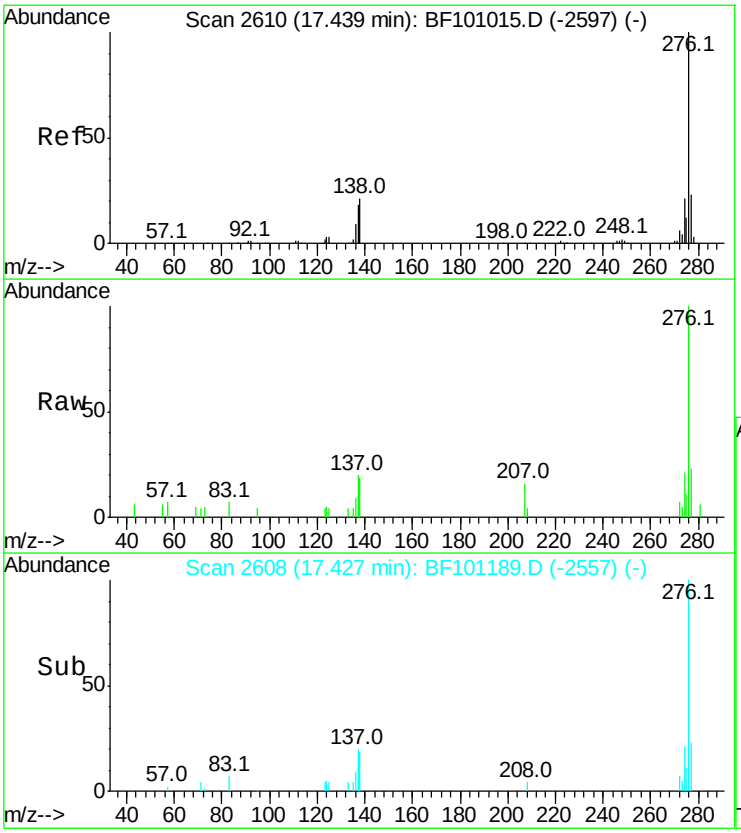
#89
Benzo(a)pyrene
Concen: 4.655 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.06 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Instrument :
BNA_F
ClientSampleId :
BART-4-E(4-5)

Tgt Ion:252 Resp: 25728

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.492 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF101189.D
Acq: 7 Dec 2017 1:51

Tgt Ion:276 Resp: 16035

Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	18.7	21.8	32.8#