Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101238.D
Acq On : 8 Dec 2017 16:23
Operator : SJ/JU
Sample : I6794-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LGA-TA-ZONE-B-A-4-EXEAV-COMP

Quant Time: Dec 08 18:27:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	51862	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	210403	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	100506	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	185874	20.00	ng		0.00
75) Chrysene-d12	14.00	240	117437	20.00	ng		0.00
86) Perylene-d12	15.47	264	116550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	354419	112.93	ng		0.00
7) Phenol-d6	6.46	99	431732	113.30	ng		0.00
23) Nitrobenzene-d5	7.39	82	261768	74.22	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	124535	103.15	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	472896	64.38	ng		0.00
78) Terphenyl-d14	12.94	244	384894	71.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	22449	5.298	ng		81
49) Dimethylphthalate	9.57	163	57986	7.154	ng	#	98
51) Acenaphthene	9.89	154	24280	3.773	ng		98
57) Fluorene	10.41	166	31342	4.157	ng		94
70) Phenanthrene	11.38	178	423237	41.348	ng		98
71) Anthracene	11.43	178	112202	10.831	ng		97
72) Carbazole	11.59	167	27718	2.928	ng		99
74) Fluoranthene	12.57	202	658714	58.055	ng		96
77) Pyrene	12.81	202	638709	78.819	ng		99
80) Benzo(a)anthracene	13.99	228	314720	42.445	ng		99
82) Chrysene	14.03	228	262065	38.056	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	132665	21.670	ng	#	86
87) Benzo(b)fluoranthene	15.04	252	309118m	44.280	ng		
88) Benzo(k)fluoranthene	15.07	252	79644m	11.580	ng		
89) Benzo(a)pyrene	15.41	252	223287	35.182	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	36004m	6.435	ng		
91) Benzo(g,h,i)perylene	17.39	276	130415	24.733	ng	#	90

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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Misc :
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LGA-TA-ZONE-B-A-4-EXEAV-COMP

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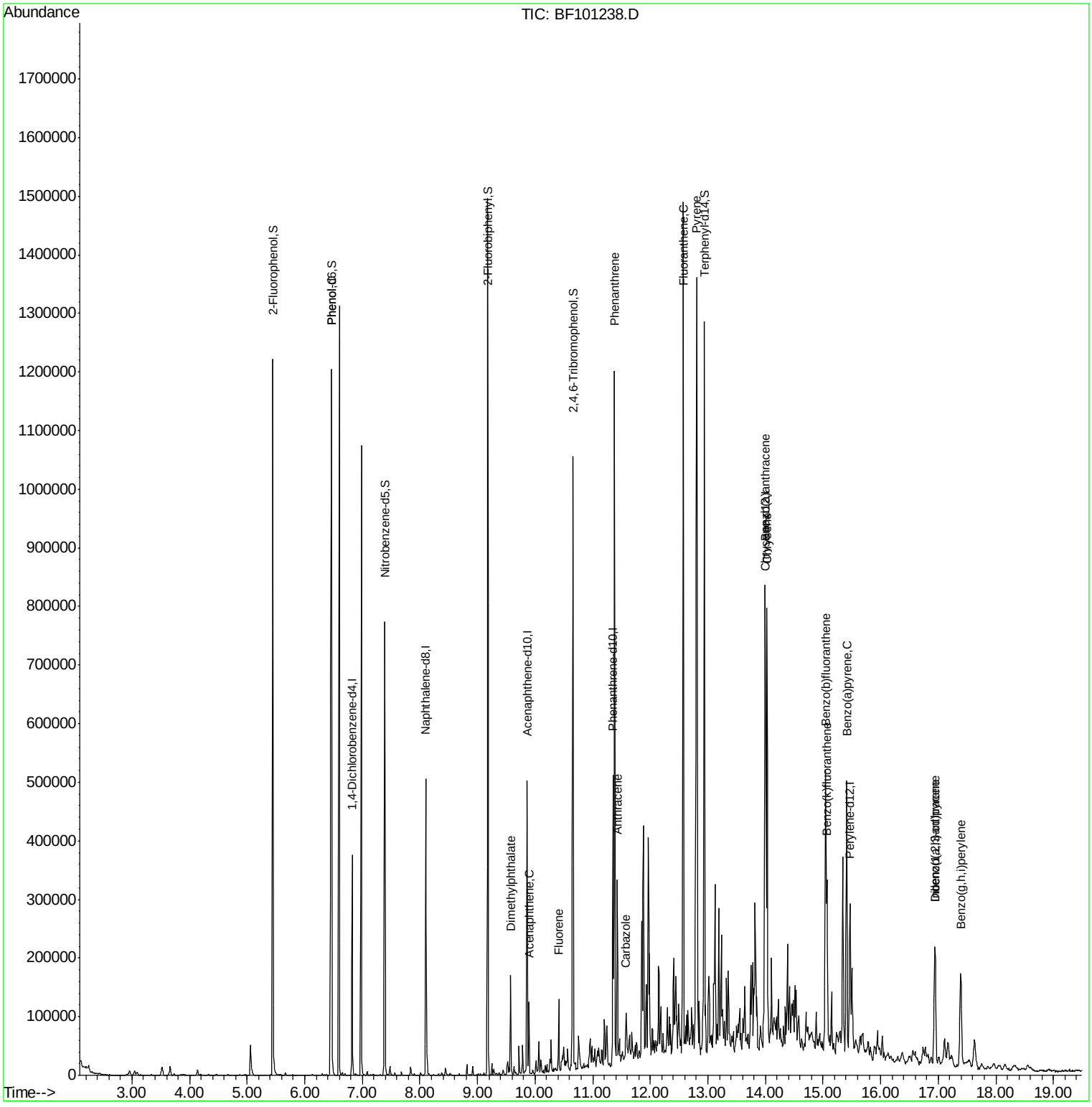
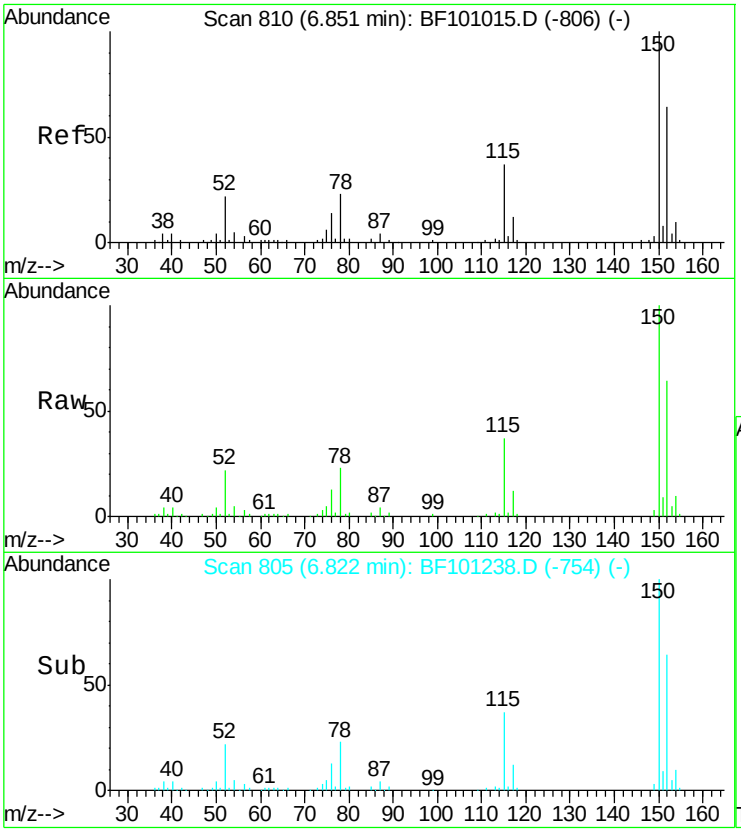


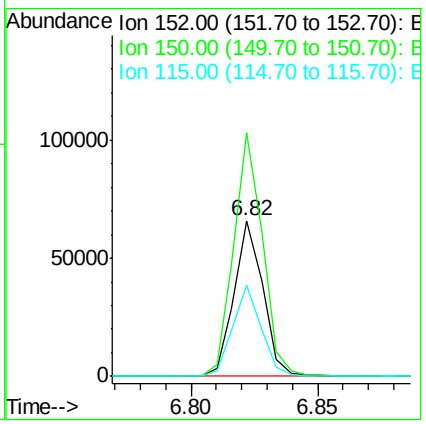


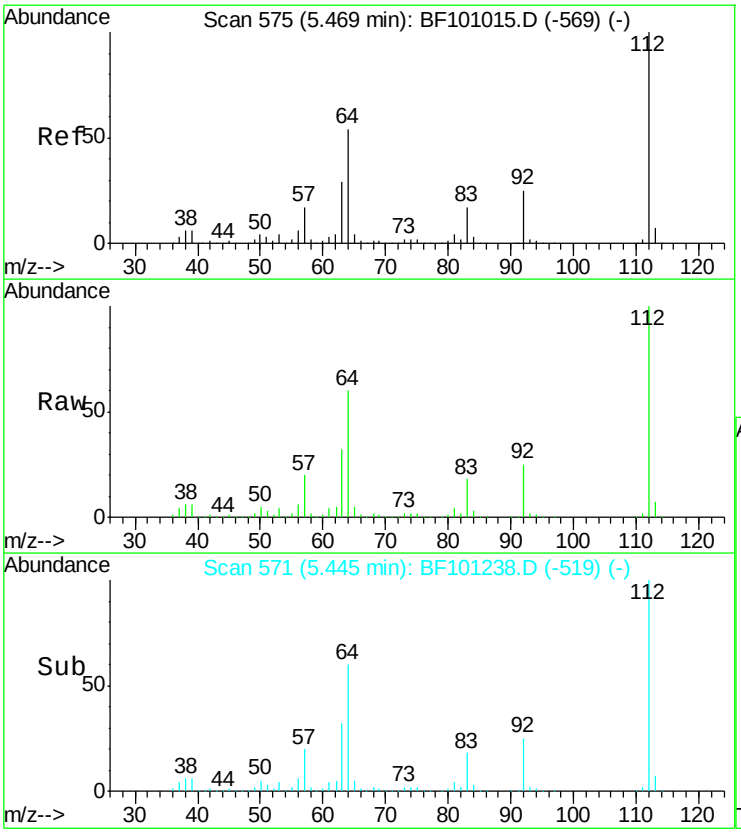
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:152 Resp: 51862

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	58.3	50.1	75.1

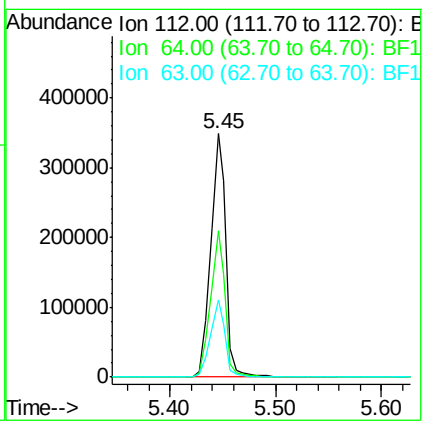


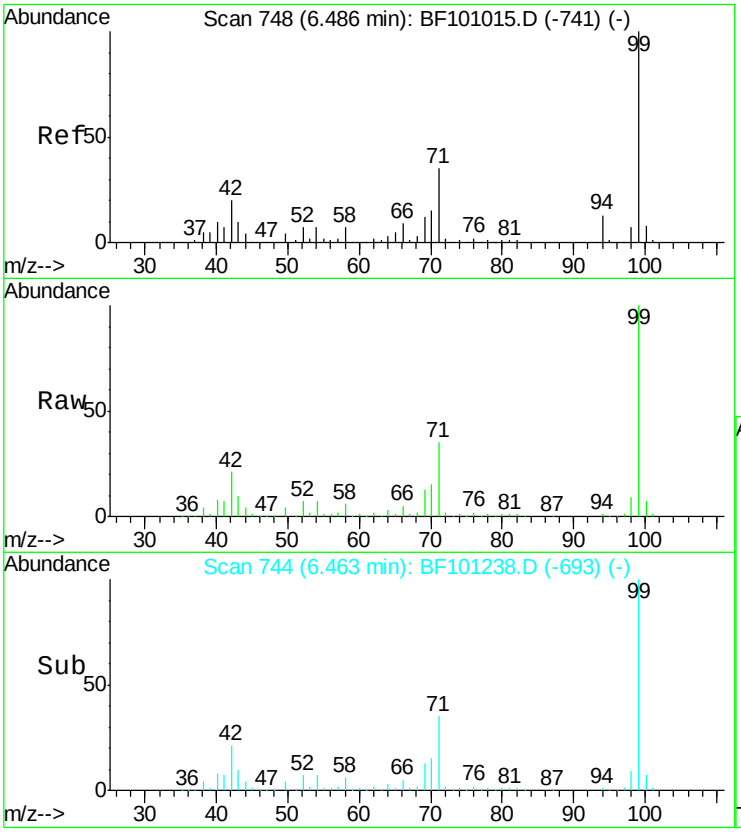


#5
2-Fluorophenol
Concen: 112.926 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:112 Resp: 354419

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	31.6	23.7	35.5



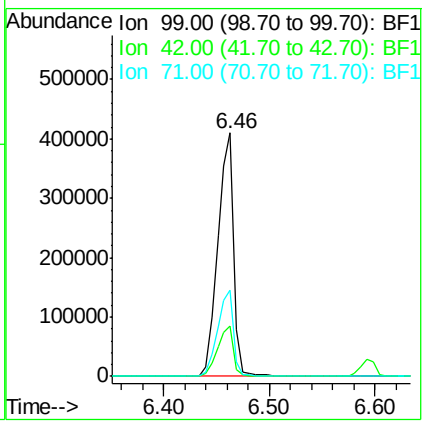


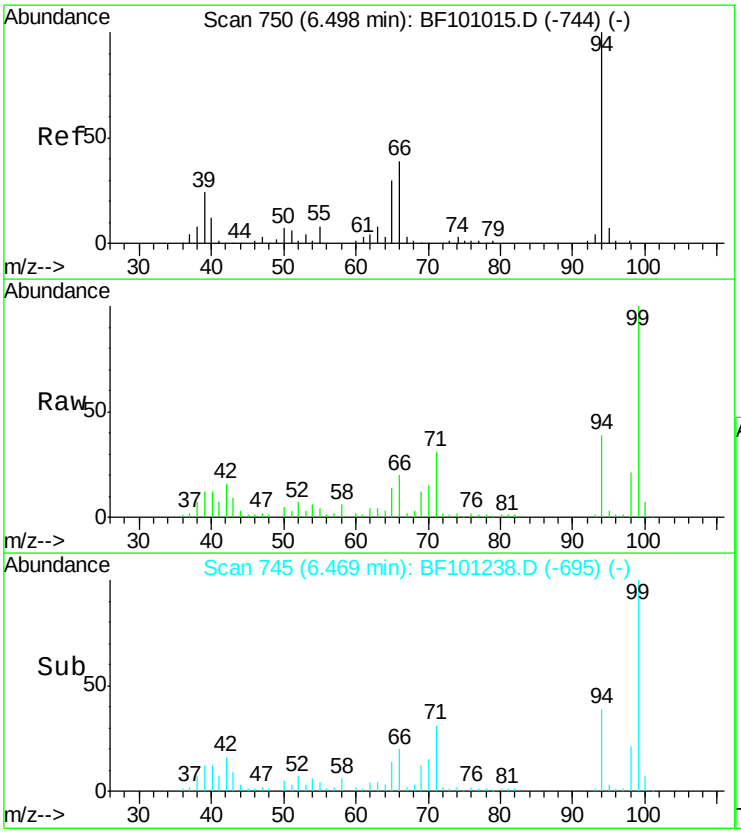
#7
Phenol-d6
Concen: 113.302 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion: 99 Resp: 431732

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.2	25.4	38.0

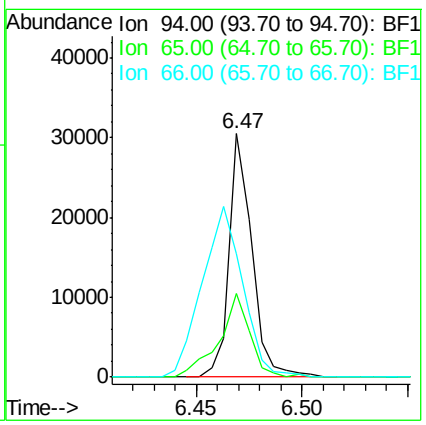


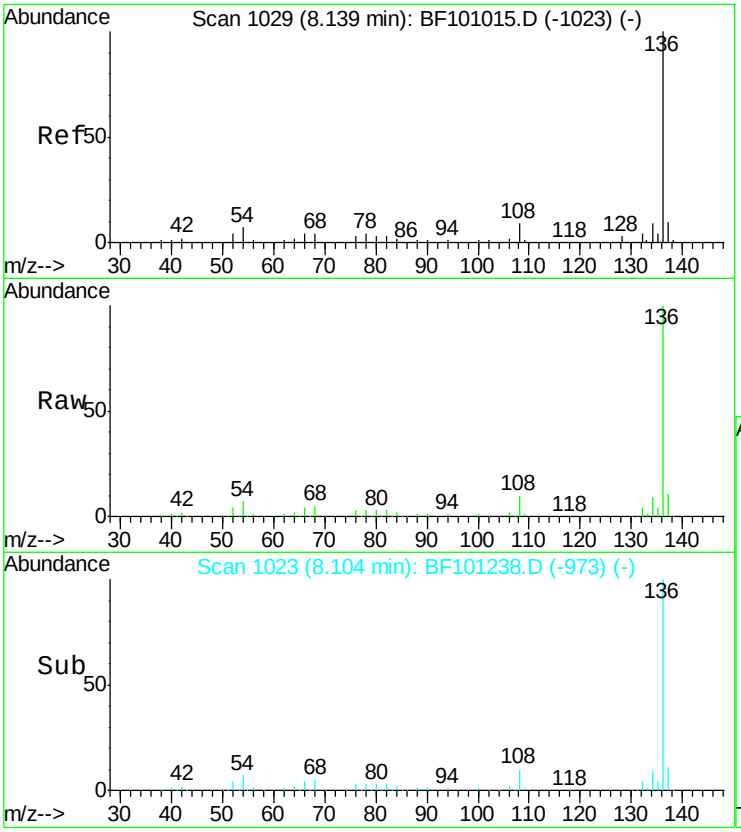


#10
Phenol
Concen: 5.298 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion: 94 Resp: 22449

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	50.9	16.2	56.2



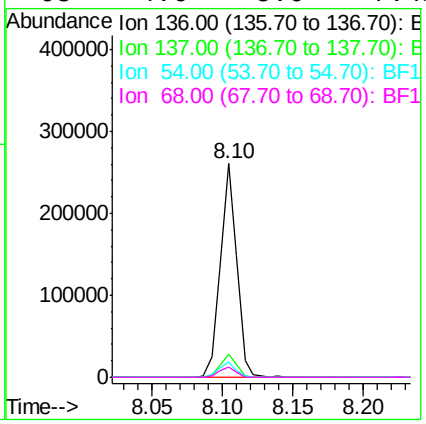


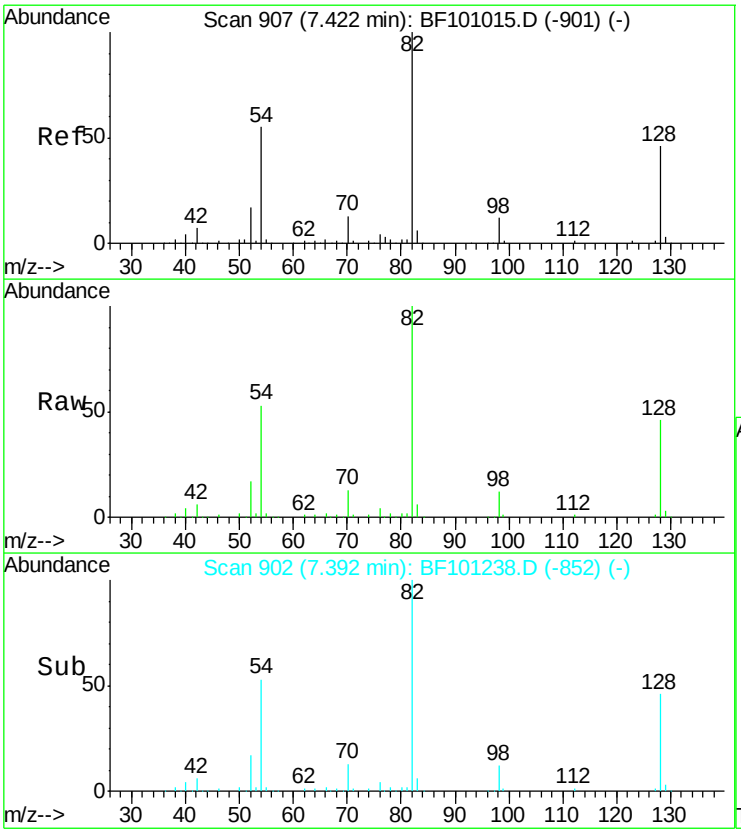
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:136 Resp: 210403

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	4.6	5.0	7.4#

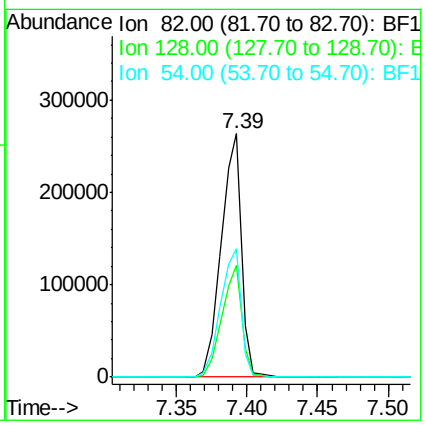


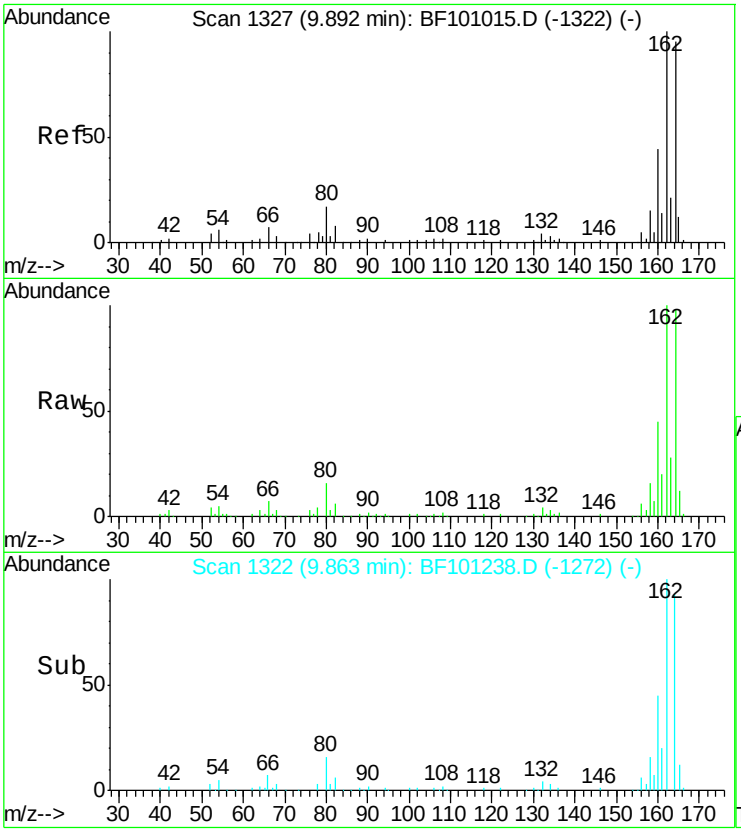


#23
Nitrobenzene-d5
Concen: 74.216 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion: 82 Resp: 261768

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.0	41.4	62.2



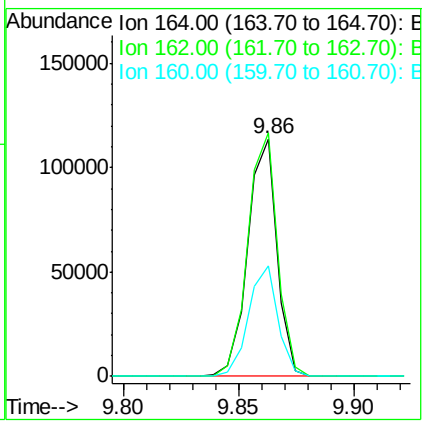


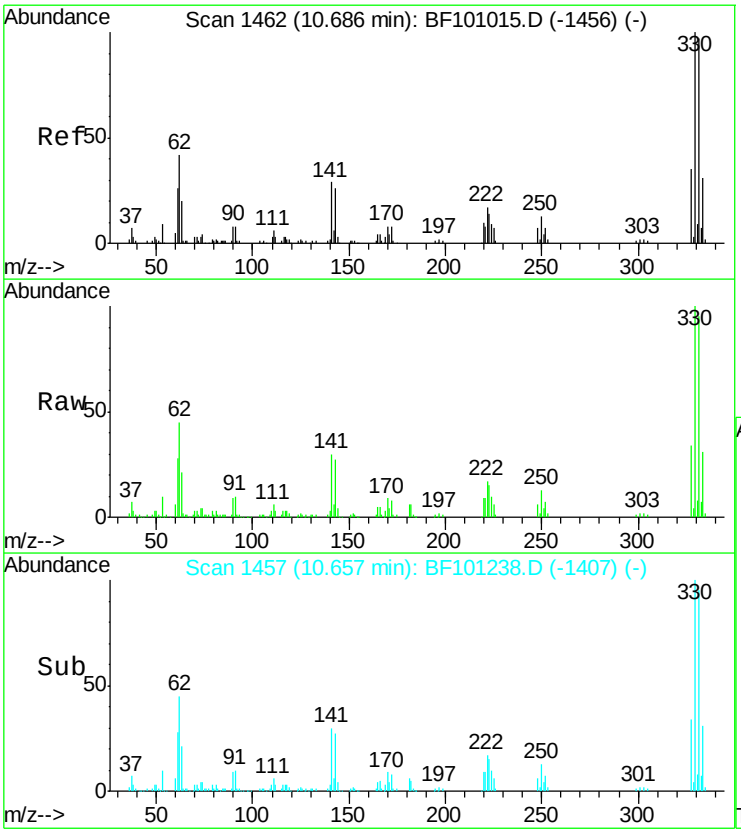
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:164 Resp: 100506

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.5	38.3	57.5

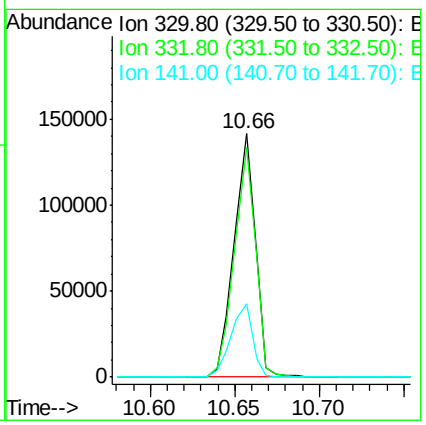


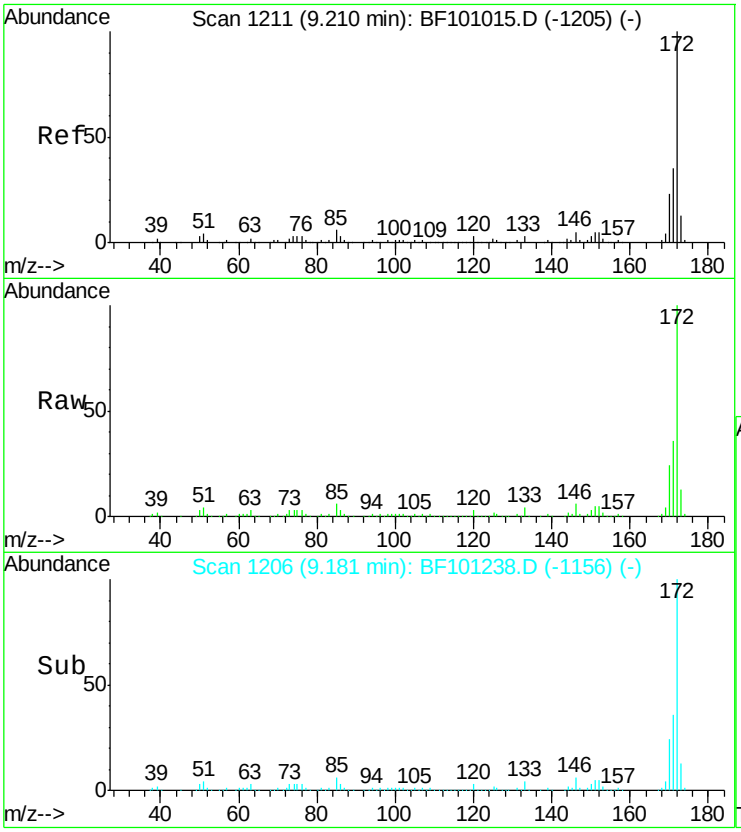


#41
2,4,6-Tribromophenol
Concen: 103.146 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:330 Resp: 124535

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	30.7	29.9	44.9



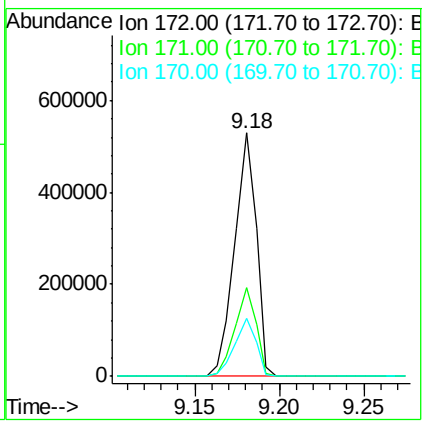


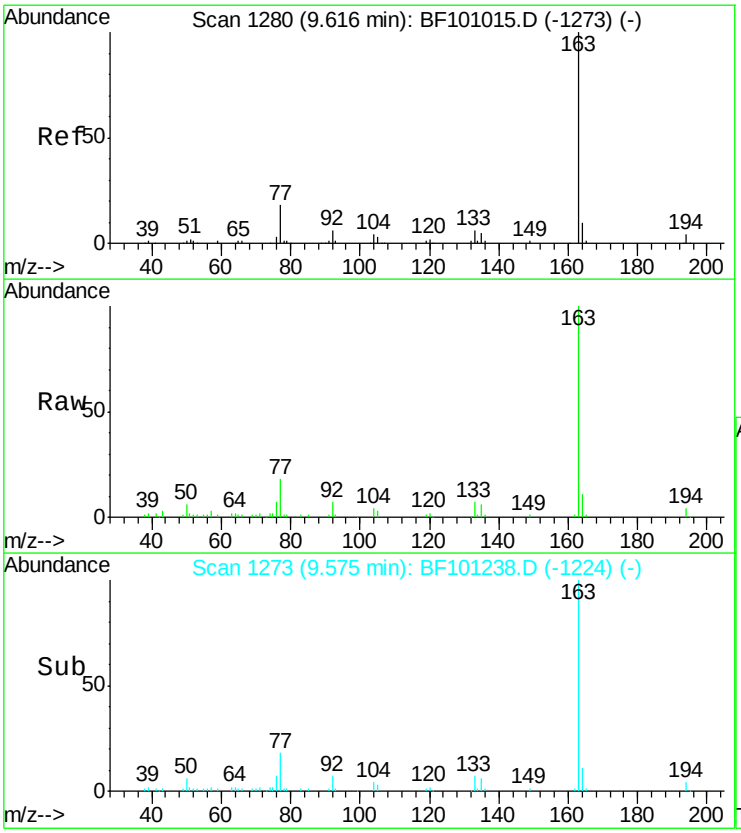
#44
2-Fluorobiphenyl
Concen: 64.376 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:172 Resp: 472896

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

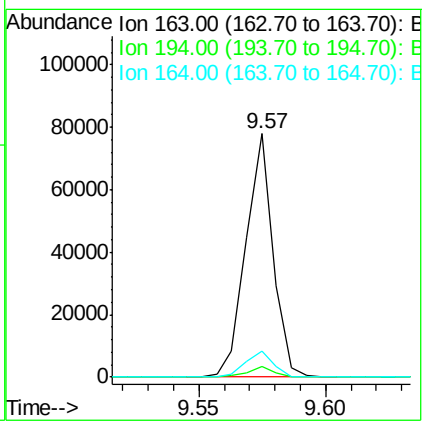


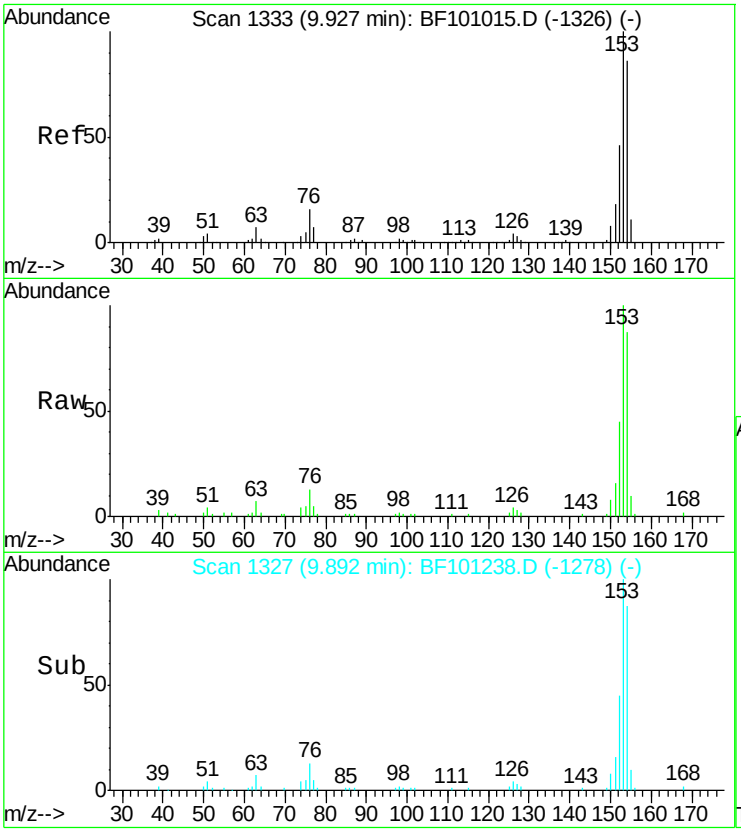


#49
Dimethylphthalate
Concen: 7.154 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:163 Resp: 57986

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.9	8.2	12.2



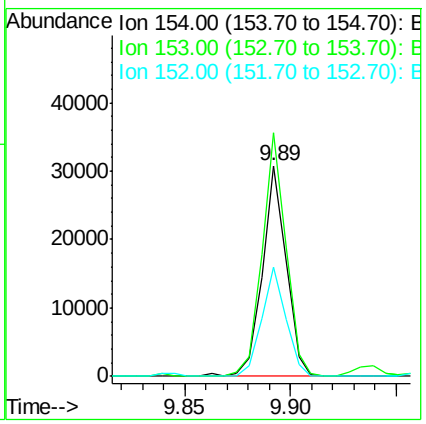


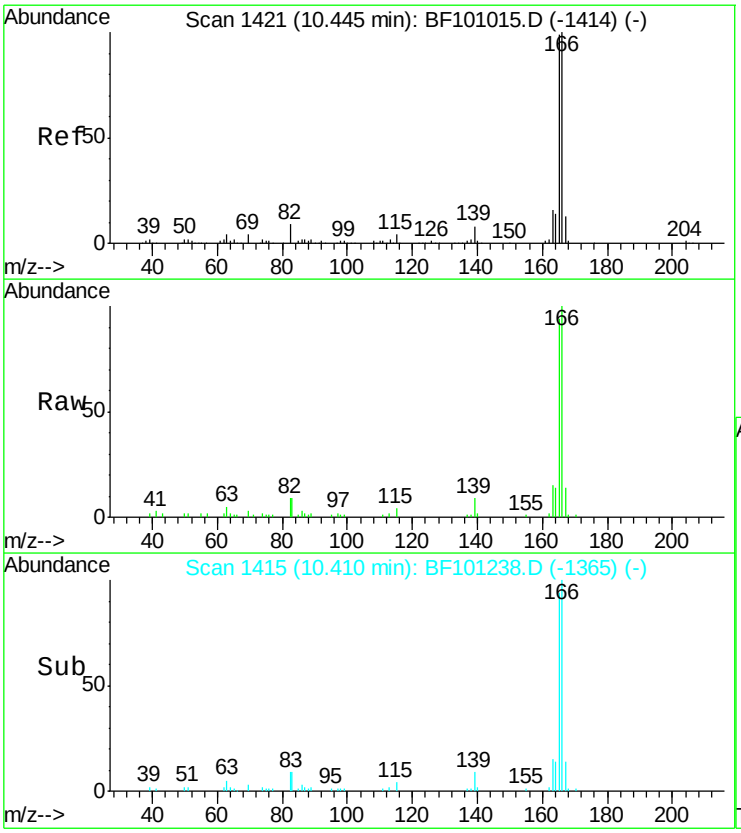
#51
Acenaphthene
Concen: 3.773 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:154 Resp: 24280

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	52.1	43.8	65.8

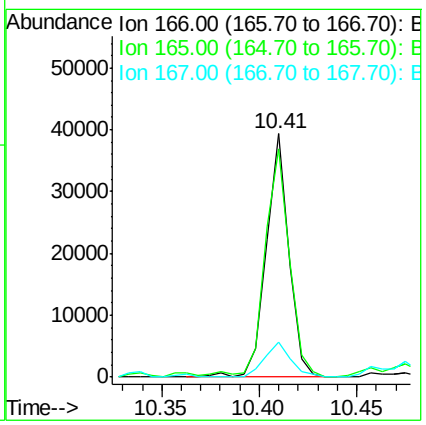


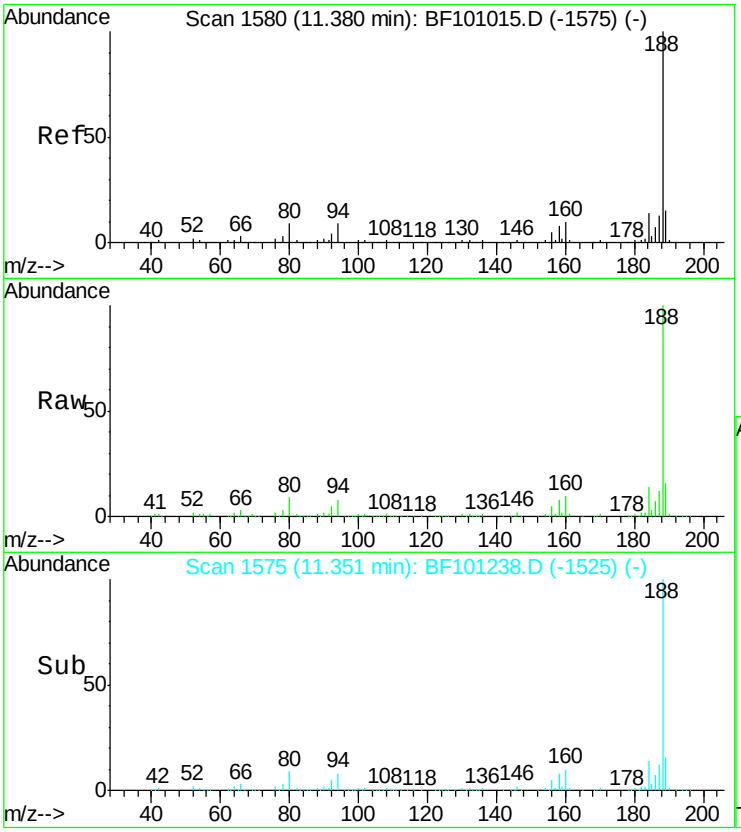


#57
Fluorene
Concen: 4.157 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:166 Resp: 31342

Ion	Ratio	Lower	Upper
166	100		
165	93.8	79.8	119.8
167	14.4	10.6	16.0



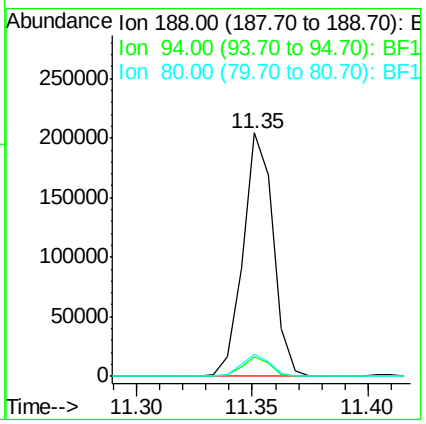


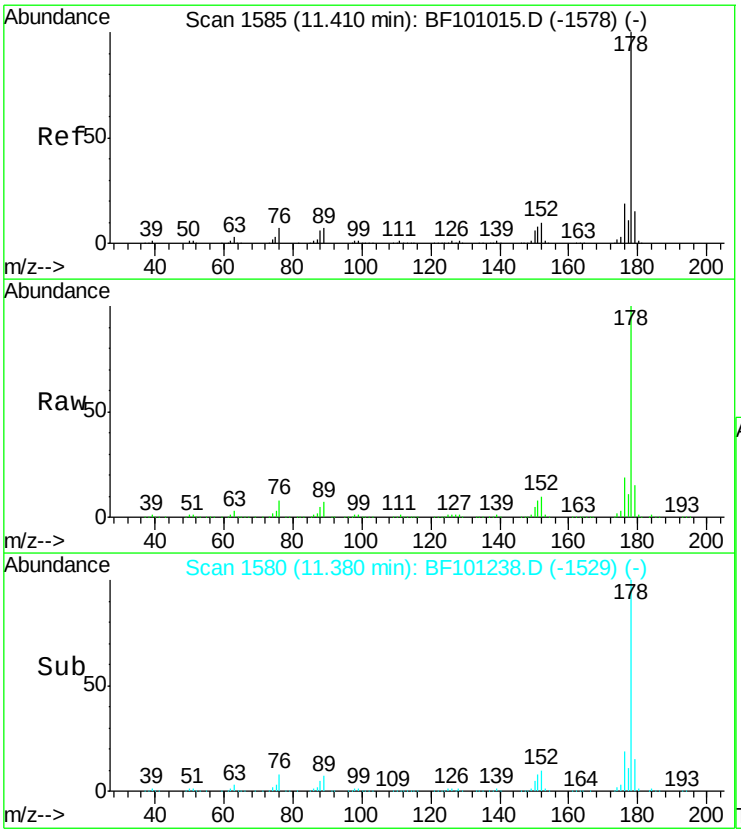
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:188 Resp: 185874

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.0	9.2	13.8#

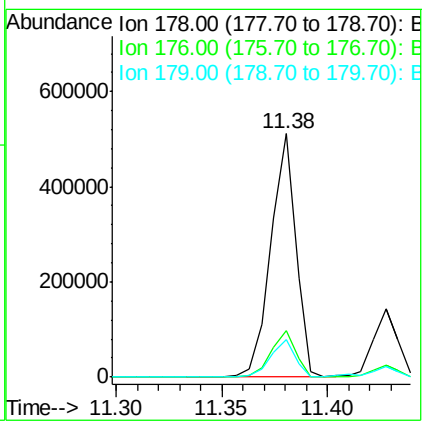


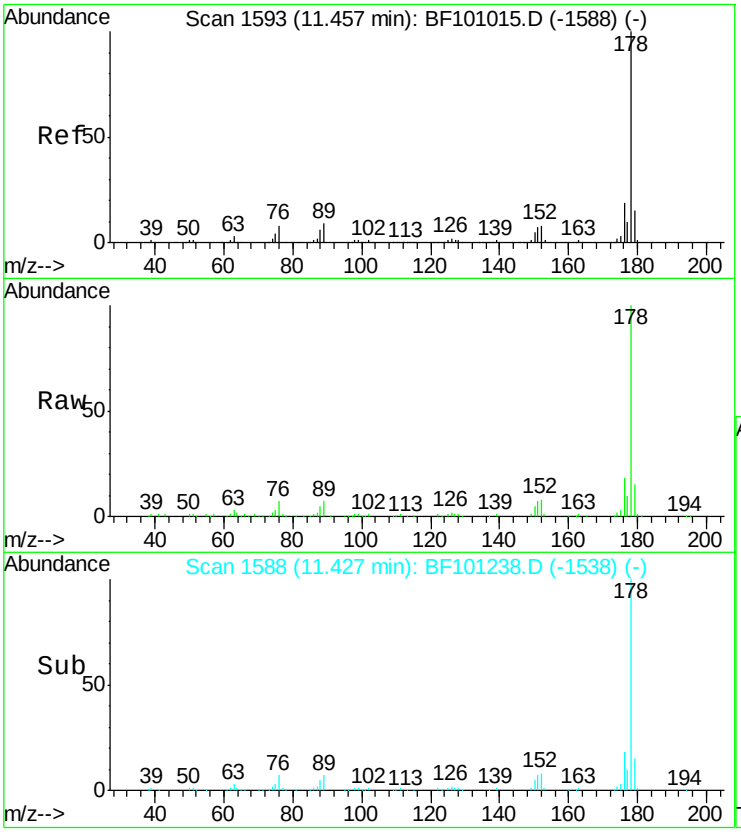


#70
Phenanthrene
Concen: 41.348 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:178 Resp: 423237

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6



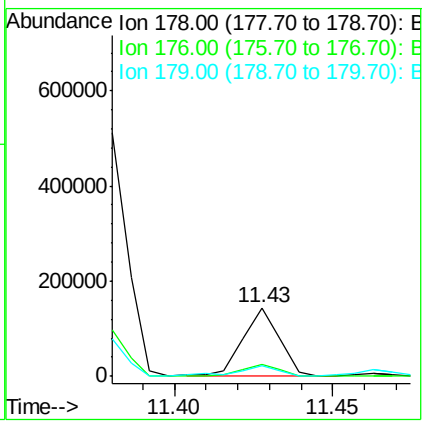


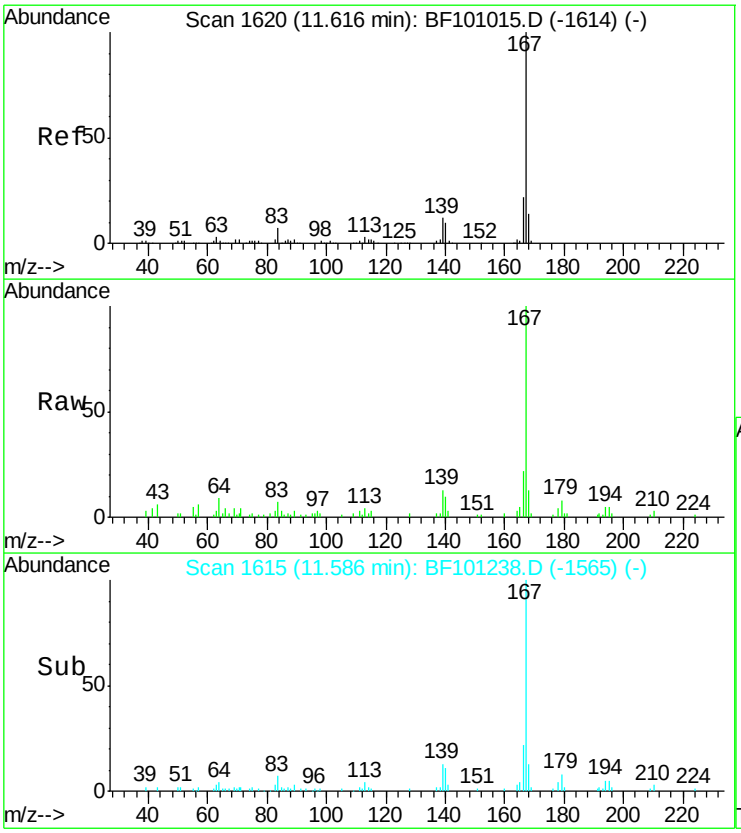
#71
Anthracene
Concen: 10.831 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:178 Resp: 112202

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.8	12.6	19.0

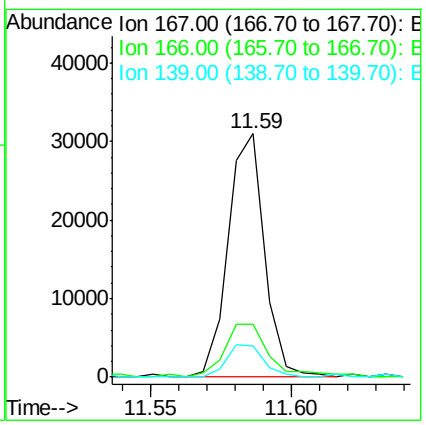


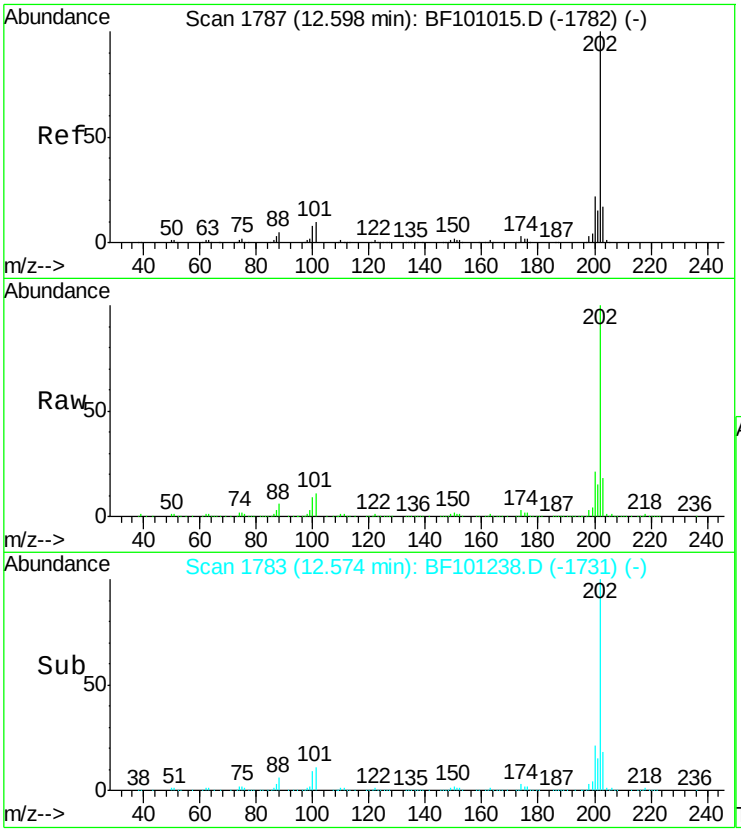


#72
Carbazole
Concen: 2.928 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:167 Resp: 27718

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.7	10.9	16.3



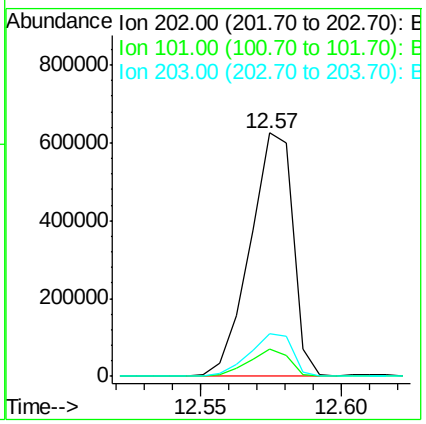


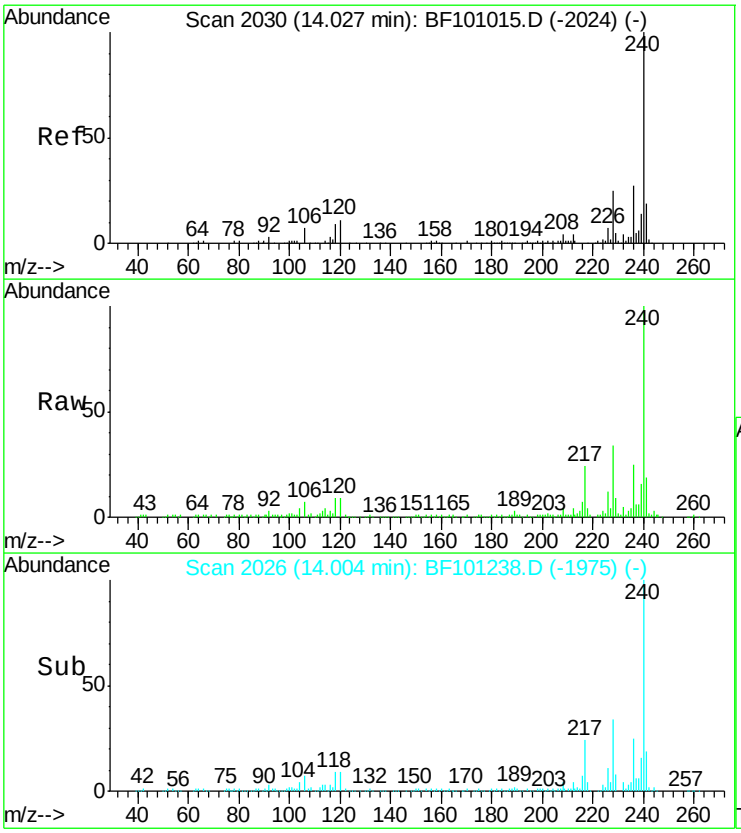
#74
Fluoranthene
Concen: 58.055 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:202 Resp: 658714

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1

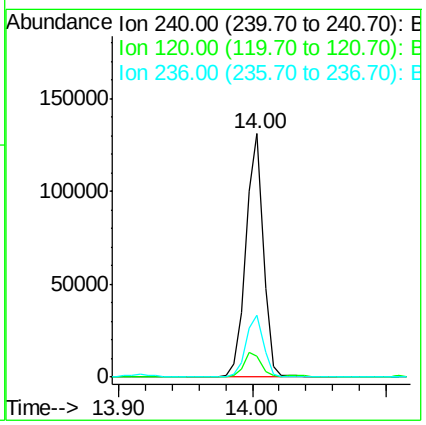


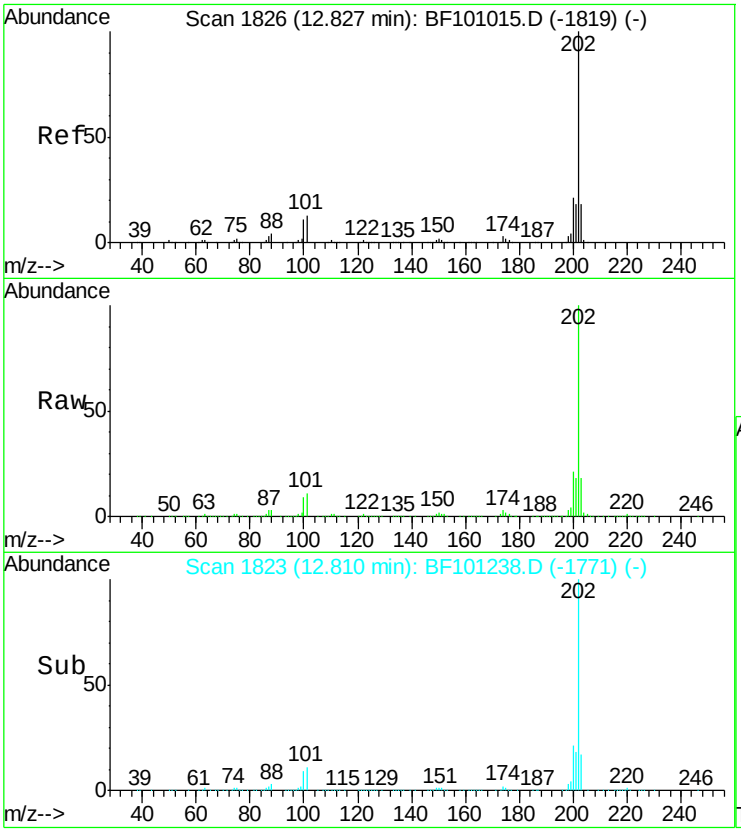


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:240 Resp: 117437

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.4	20.7	31.1



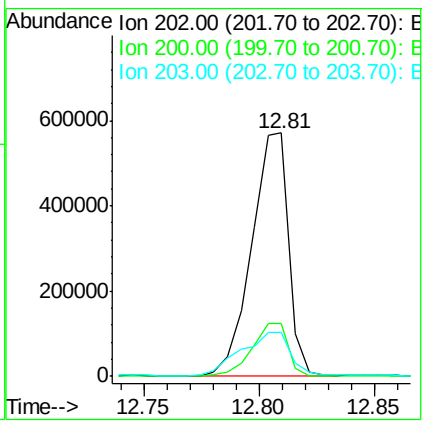


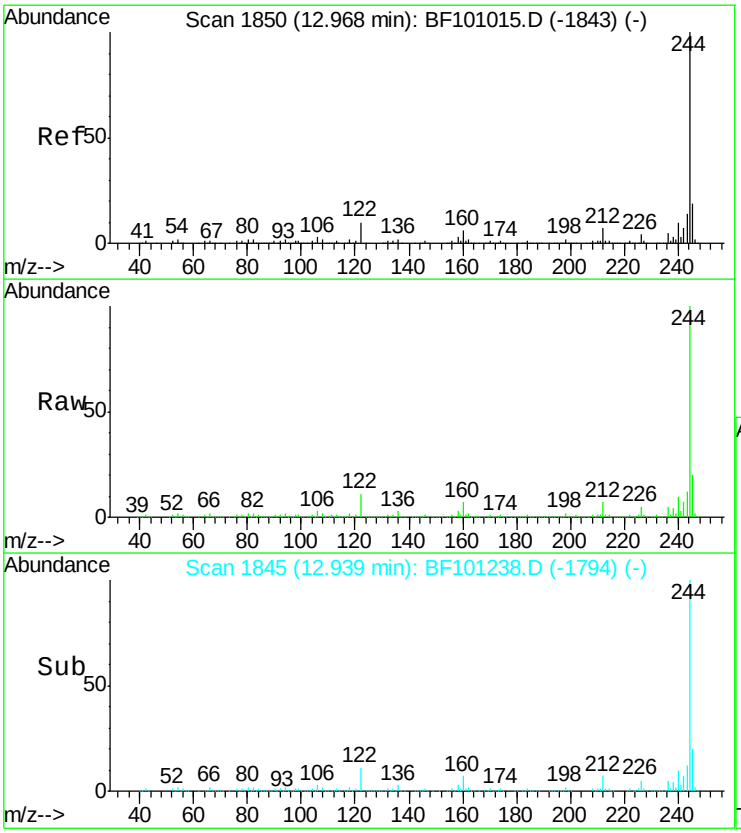
#77
Pyrene
Concen: 78.819 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:202 Resp: 638709

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5

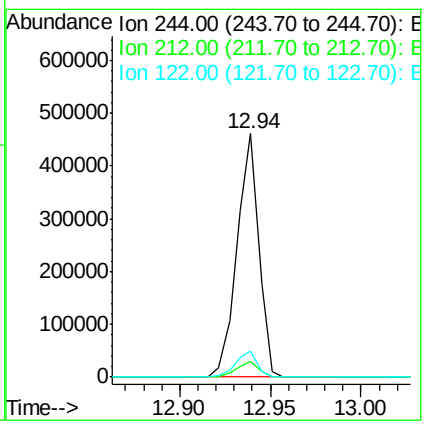


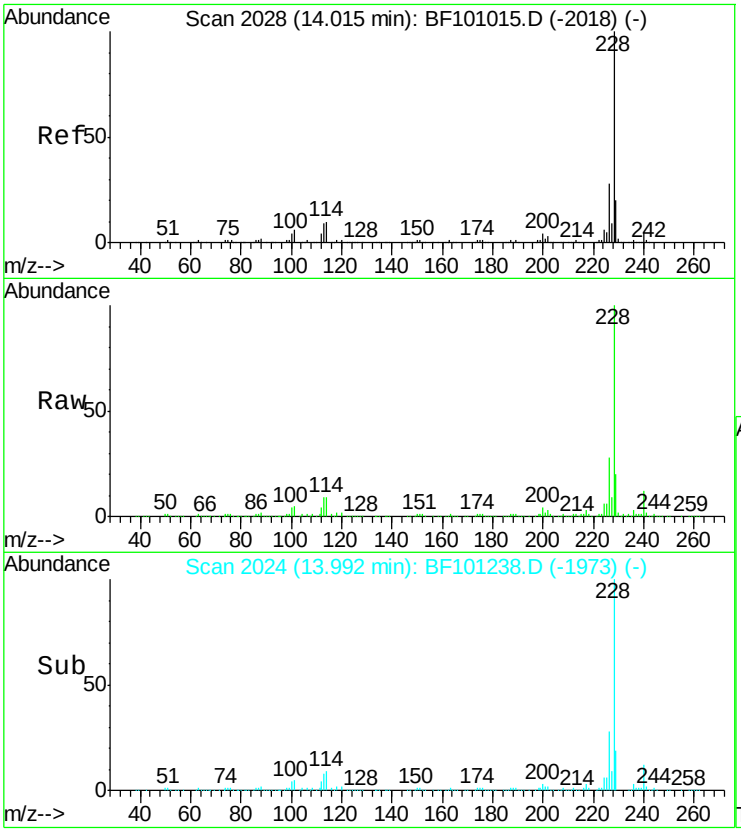


#78
Terphenyl-d14
Concen: 71.686 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:244 Resp: 384894

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.5	11.0	16.4#



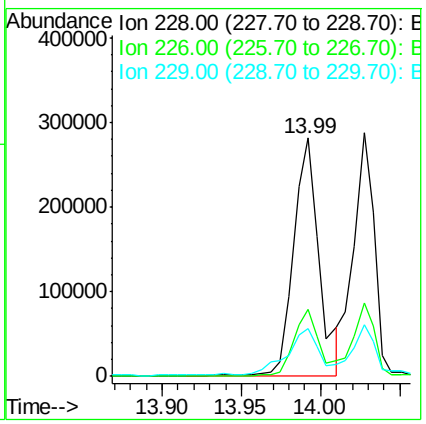


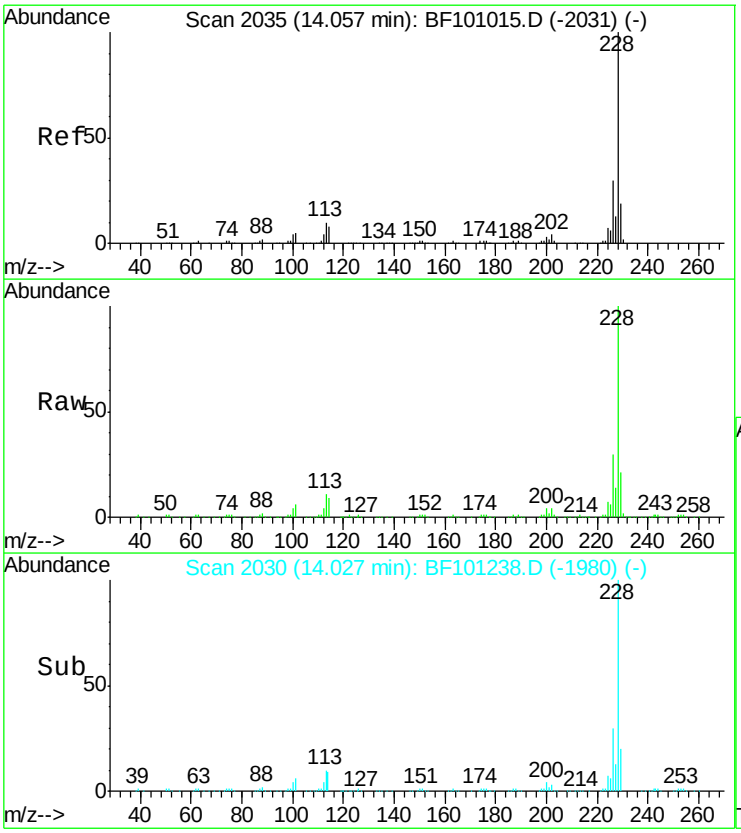
#80
Benzo(a)anthracene
Concen: 42.445 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:228 Resp: 314720

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6

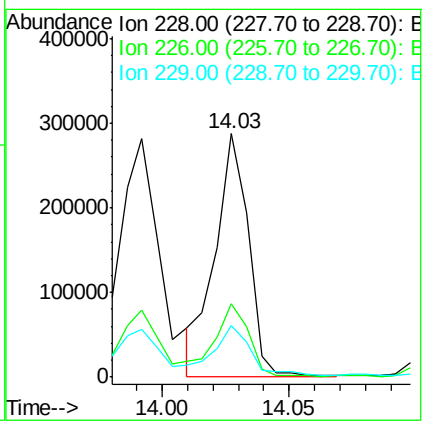


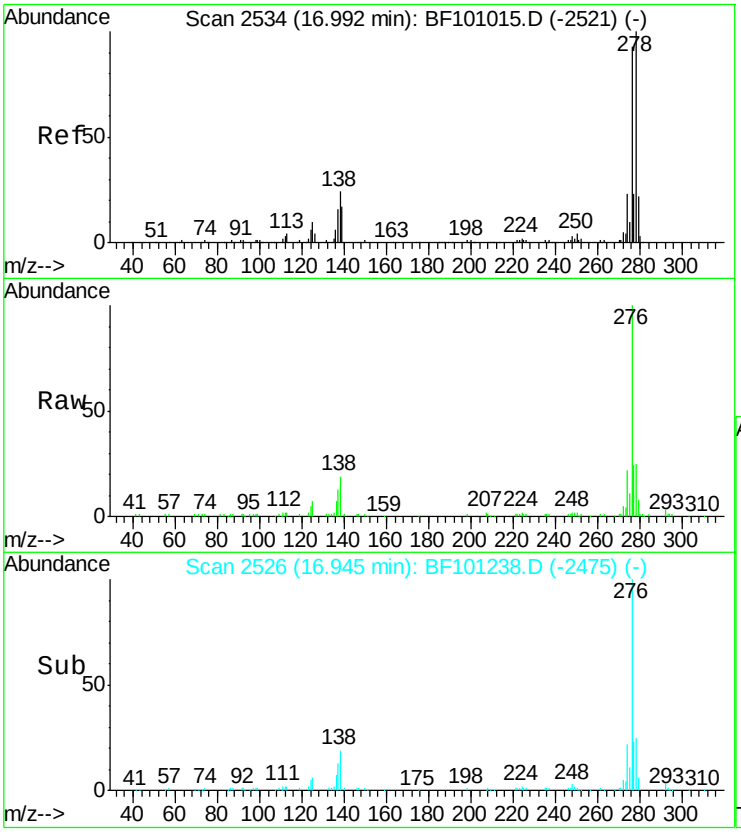


#82
Chrysene
Concen: 38.056 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:228 Resp: 262065

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.5	16.2	24.4



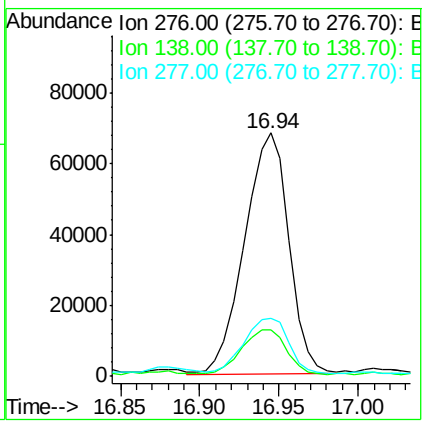


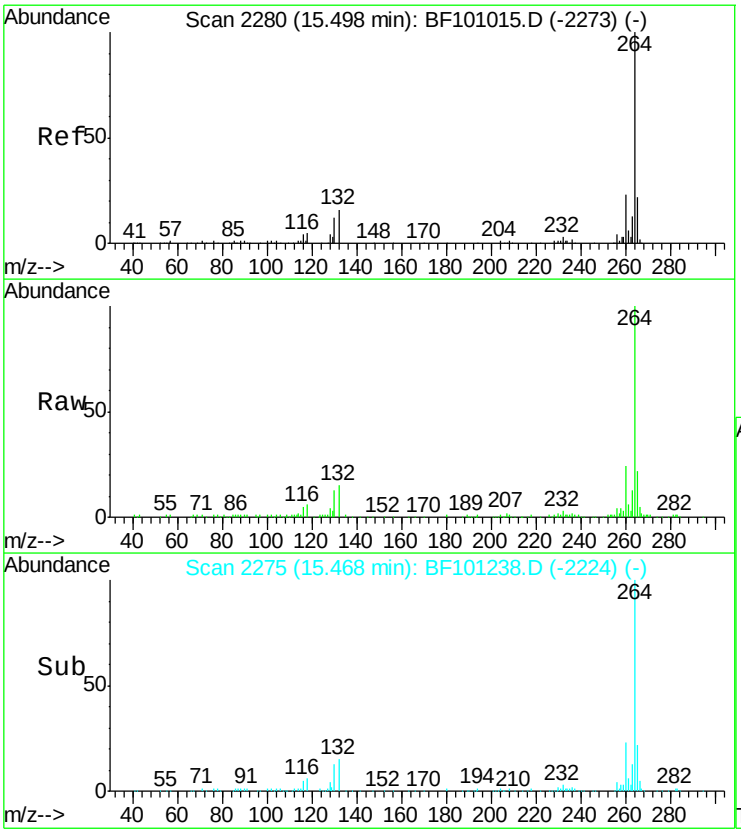
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.670 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:276 Resp: 132665

Ion	Ratio	Lower	Upper
276	100		
138	19.0	25.0	37.6#
277	23.8	20.1	30.1

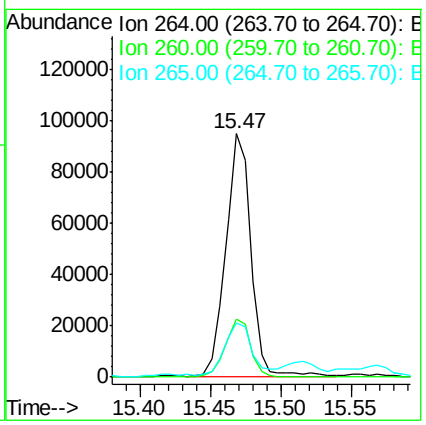


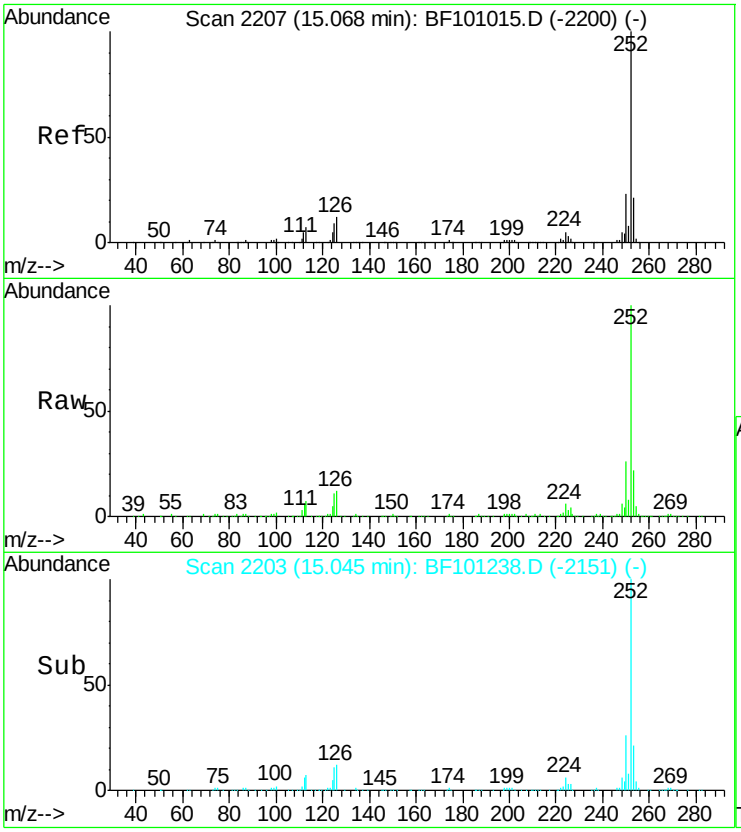


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:264 Resp: 116550

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3



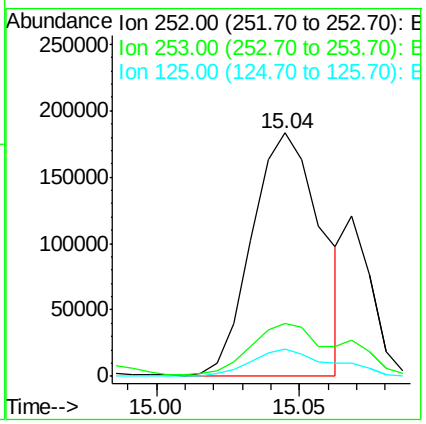


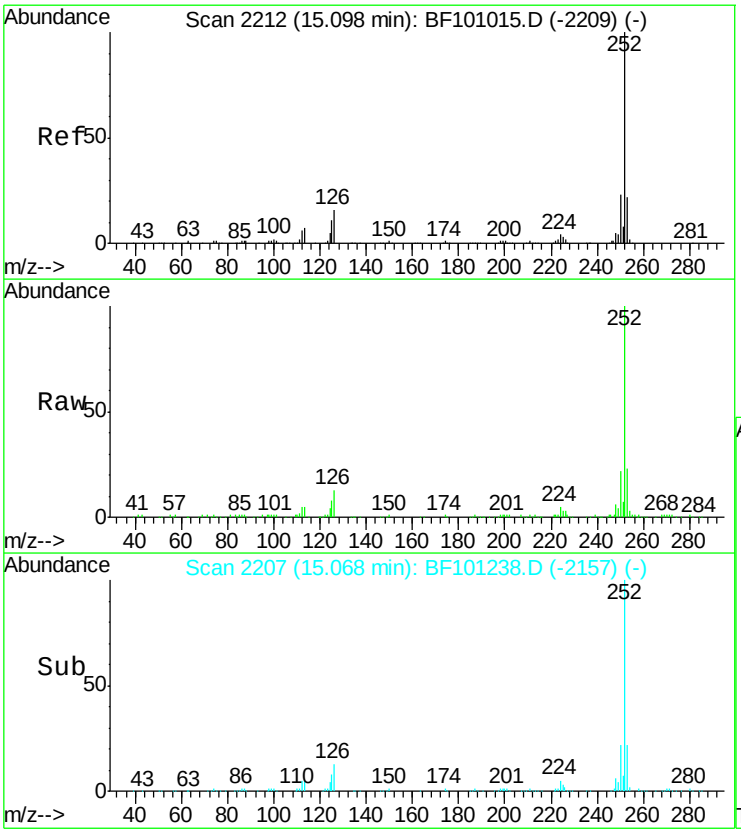
#87
Benzo(b)fluoranthene
Concen: 44.280 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:252 Resp: 309118

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.3	9.0	13.6

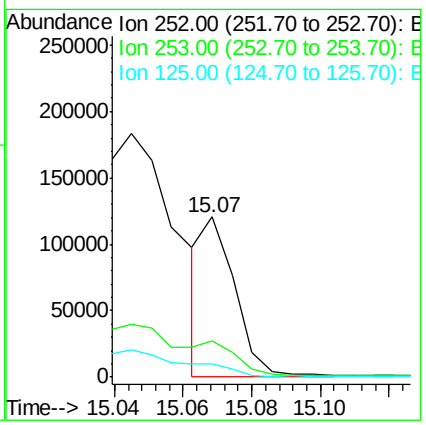


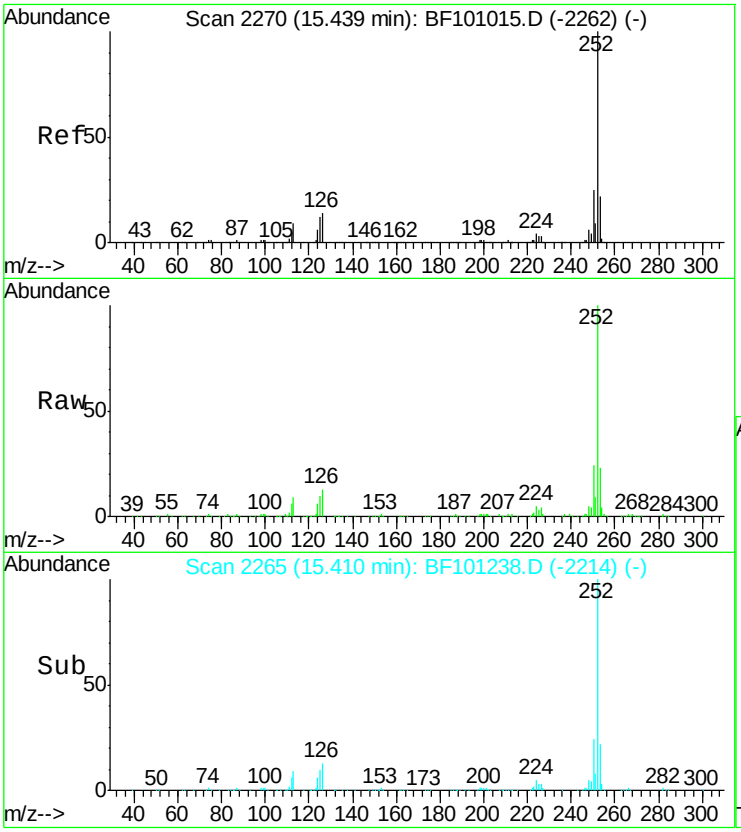


#88
Benzo(k)fluoranthene
Concen: 11.580 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:252 Resp: 79644

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.0	10.2	15.2#



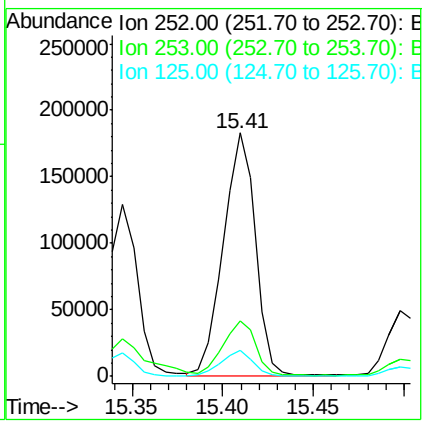


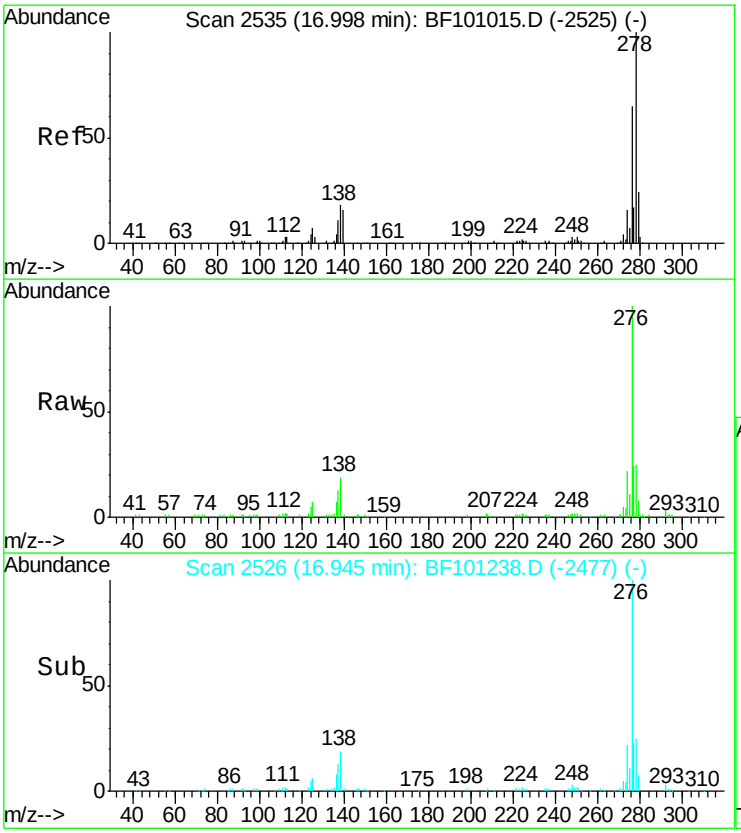
#89
Benzo(a)pyrene
Concen: 35.182 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:252 Resp: 223287

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.4	9.8	14.6

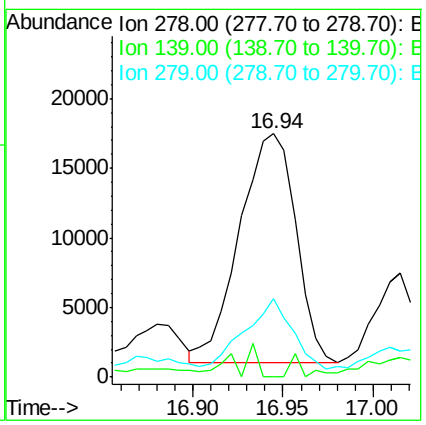


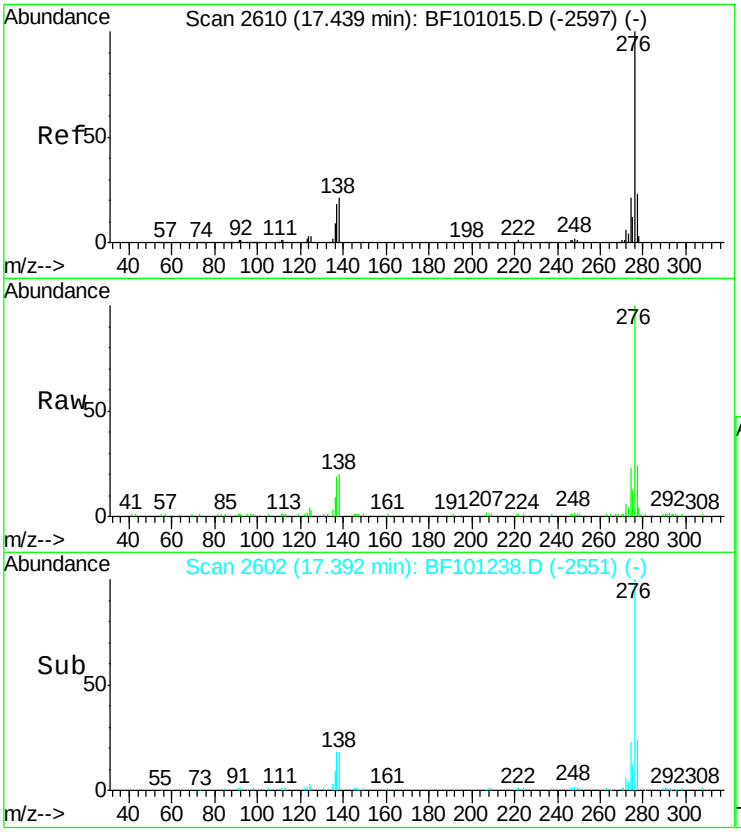


#90
Dibenzo(a,h)anthracene
Concen: 6.435 ng m
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Tgt Ion:278 Resp: 36004

Ion	Ratio	Lower	Upper
278	100		
139	4.2	15.9	23.9#
279	32.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 24.733 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BF101238.D
Acq: 8 Dec 2017 16:23

Instrument :
BNA_F
ClientSampleId :
LGA-TA-ZONE-B-A-4-EXEAV-COMP

Tgt Ion:276 Resp: 130415

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	19.8	21.8	32.8#