Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099311.D
Acq On : 10 Oct 2017 20:25
Operator : SJ/JU
Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 00:51:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	94688	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	362524	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	143199	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	204433	20.00	ng		0.00
75) Chrysene-d12	14.03	240	185502	20.00	ng		0.00
86) Perylene-d12	15.50	264	160191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	679929	114.31	ng		0.01
7) Phenol-d6	6.50	99	806951	109.97	ng		0.00
23) Nitrobenzene-d5	7.43	82	468517	82.88	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	123255	105.19	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	788895	91.97	ng		0.00
78) Terphenyl-d14	12.97	244	513058	62.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	13095	3.08	ng		87
19) n-Nitroso-di-n-propylamine	7.43	70	59906	12.79	ng	#	74
25) Isophorone	7.43	82	468514	40.09	ng	#	64
49) Dimethylphthalate	9.61	163	145574	13.47	ng		100
51) Acenaphthene	9.93	154	21145	2.36	ng		99
56) 2,4-Dinitrotoluene	9.90	165	18537	6.07	ng	#	21
57) Fluorene	10.45	166	20661	2.15	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	8682	4.34	ng	#	1
70) Phenanthrene	11.41	178	237334	21.69	ng		98
71) Anthracene	11.46	178	78427	7.00	ng		97
74) Fluoranthene	12.60	202	322049	29.06	ng		97
77) Pyrene	12.83	202	302457	21.38	ng		98
80) Benzo(a)anthracene	14.02	228	148074	13.18	ng		98
82) Chrysene	14.05	228	135043	12.63	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	41537	4.86	ng		97
87) Benzo(b)fluoranthene	15.07	252	171020	17.36	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	171020	17.58	ng		98
89) Benzo(a)pyrene	15.44	252	96338	10.66	ng	#	97
91) Benzo(g,h,i)perylene	17.44	276	38801	5.43	ng	#	90

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

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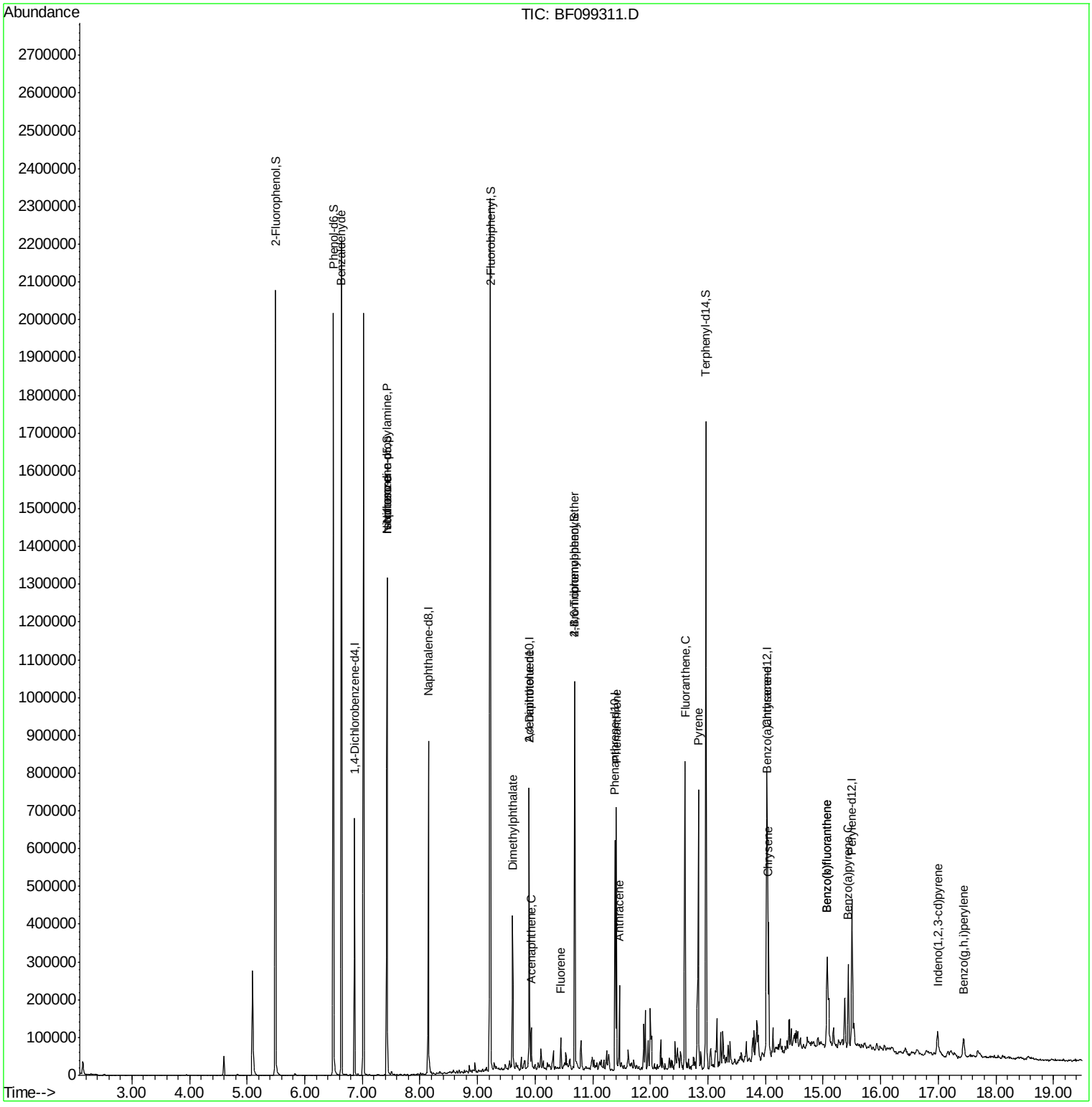
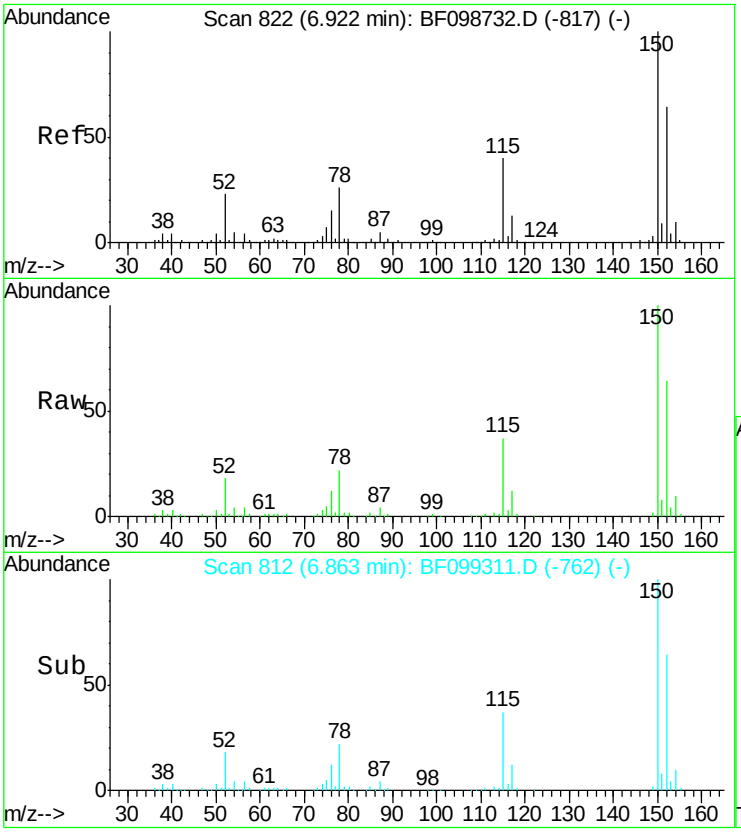


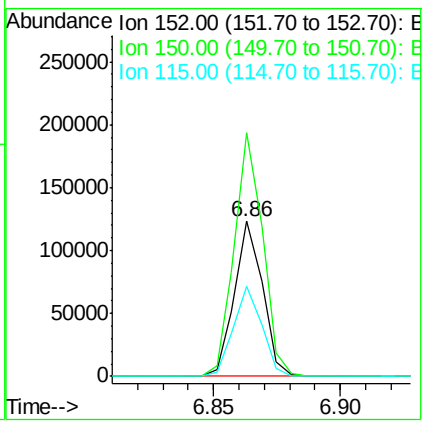


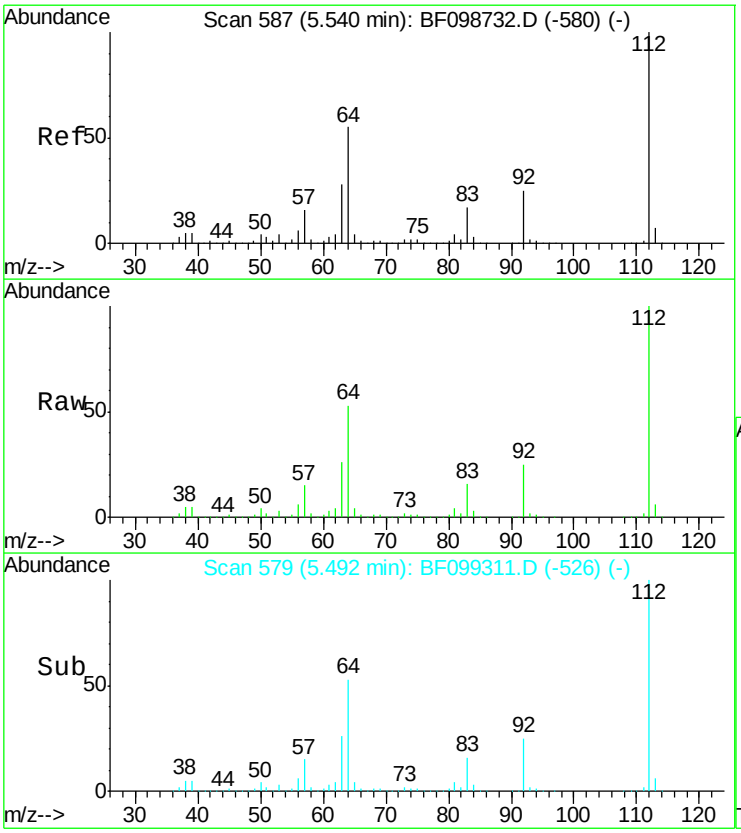
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94688

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.2	50.1	75.1

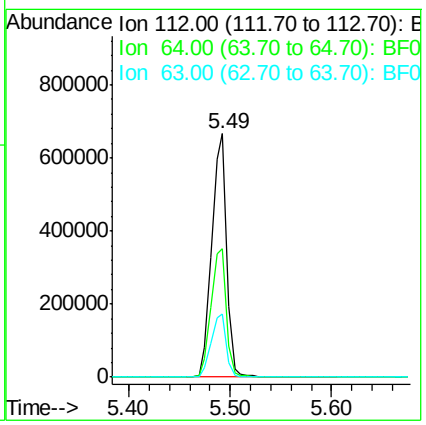


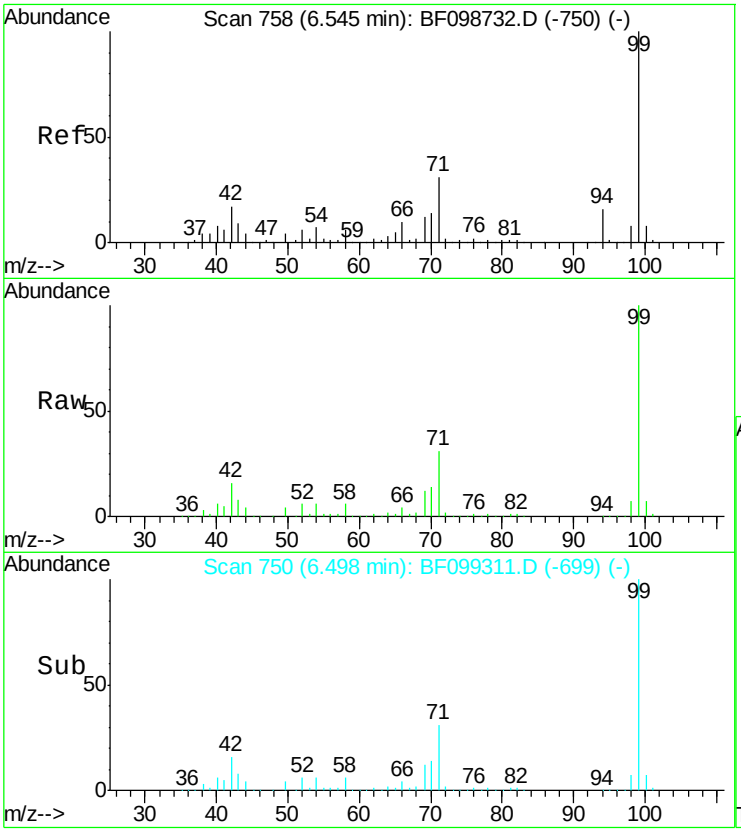


#5
2-Fluorophenol
Concen: 114.31 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:112 Resp: 679929

Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	26.1	23.7	35.5



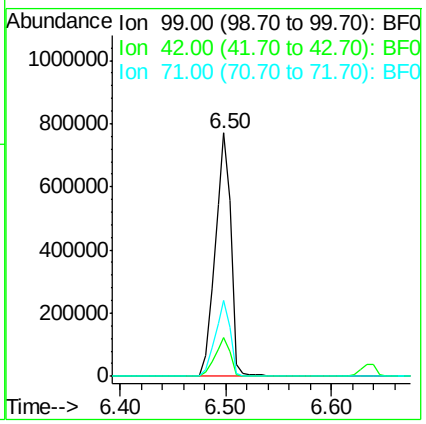


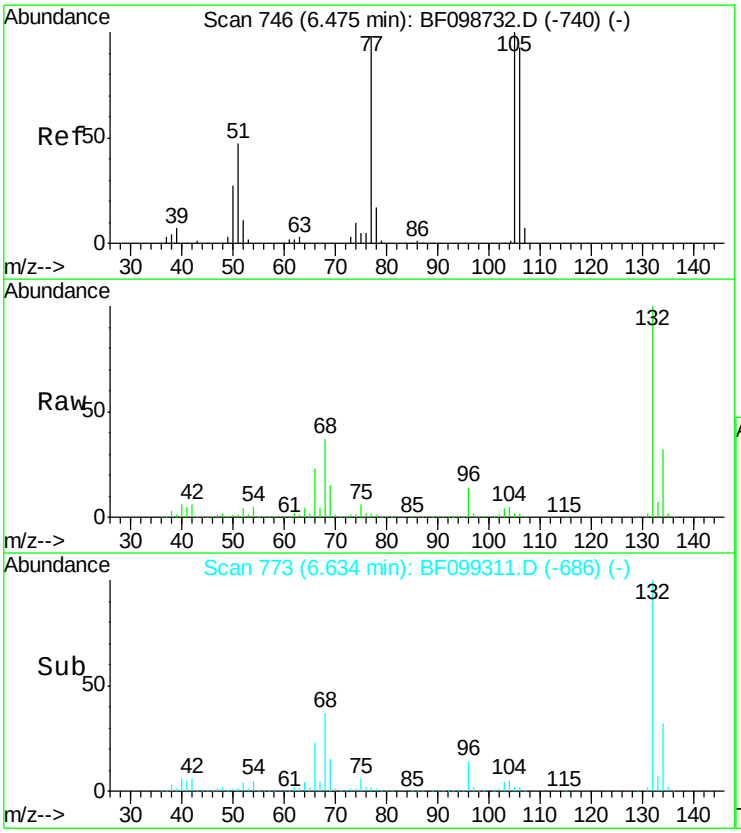
#7
Phenol-d6
Concen: 109.97 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 806951

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	31.4	25.4	38.0

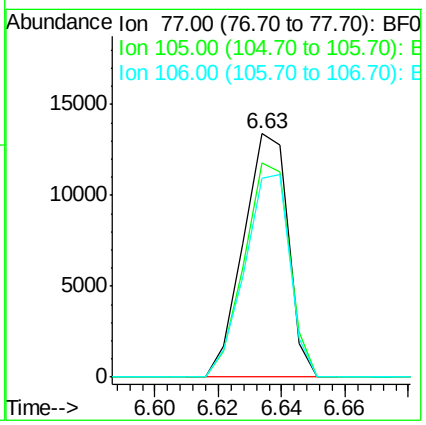


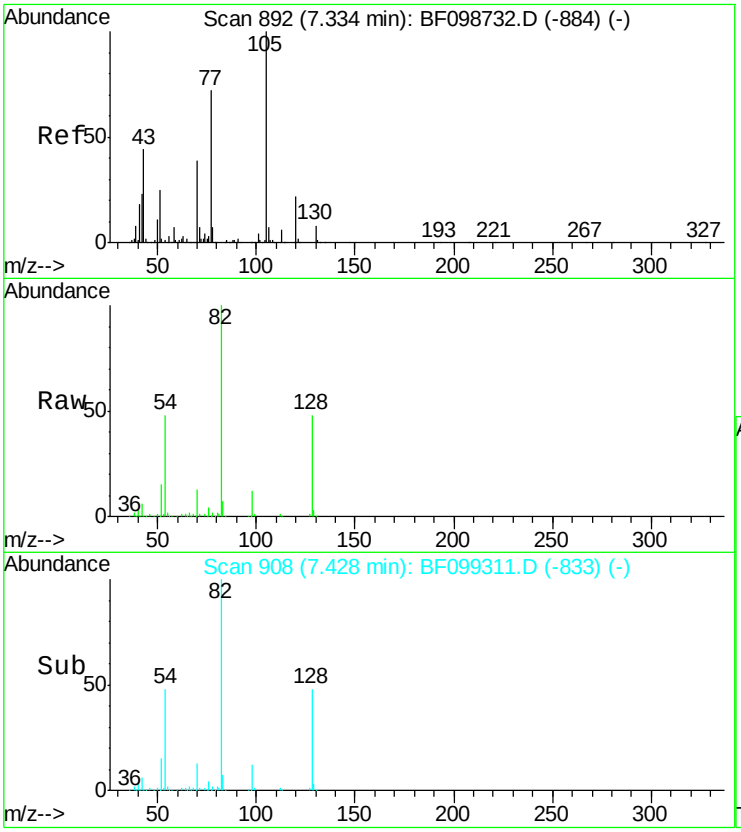


#9
Benzaldehyde
Concen: 3.08 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.21 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion: 77 Resp: 13095

Ion	Ratio	Lower	Upper
77	100		
105	88.0	81.1	121.1
106	81.7	74.5	114.5



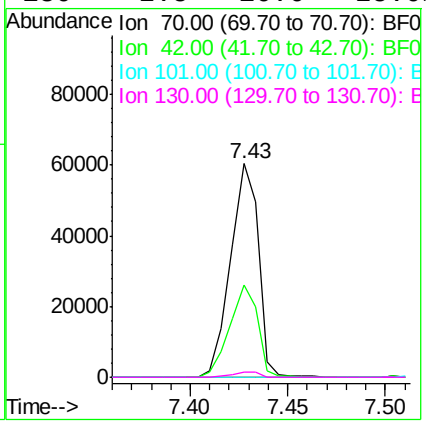


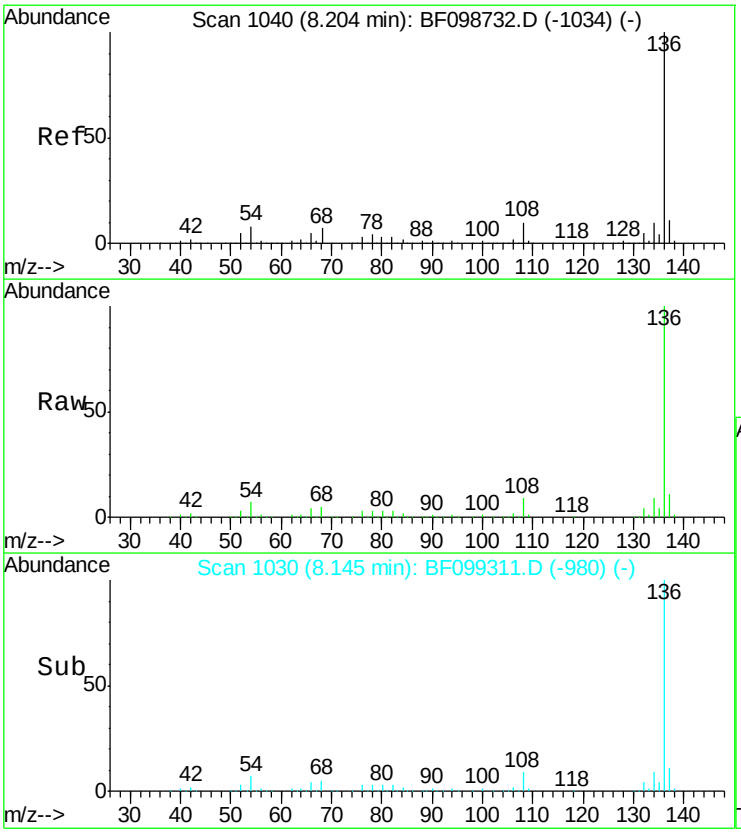
#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59906

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

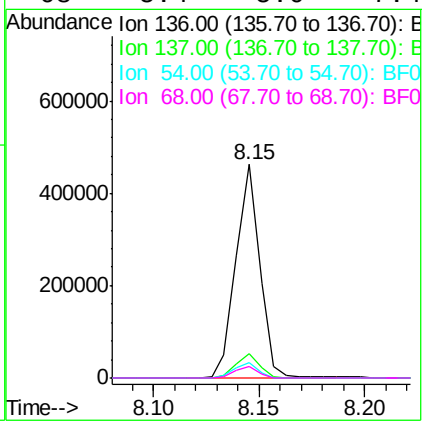


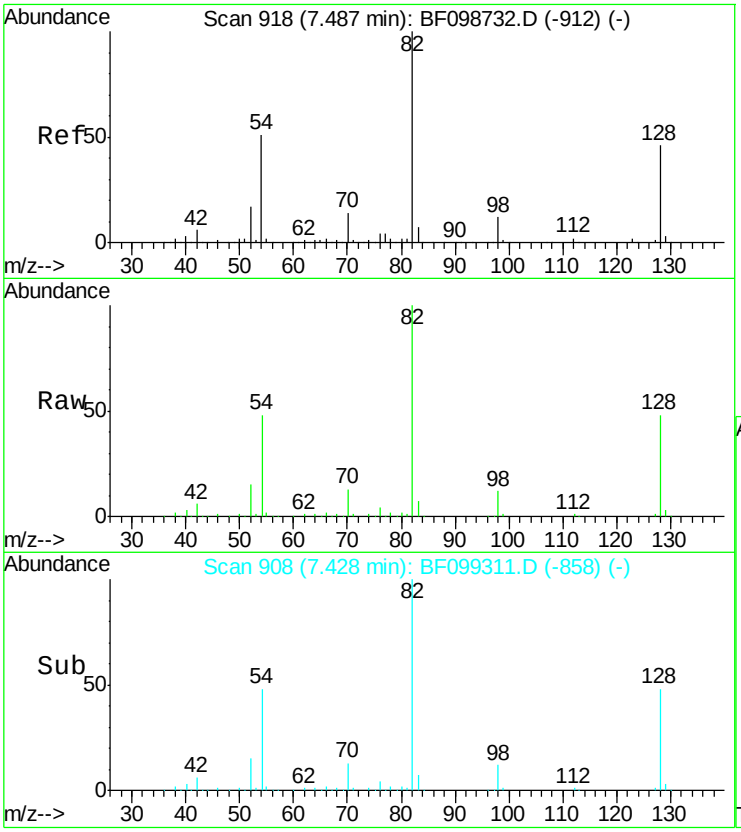


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:136 Resp: 362524

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.4	5.0	7.4



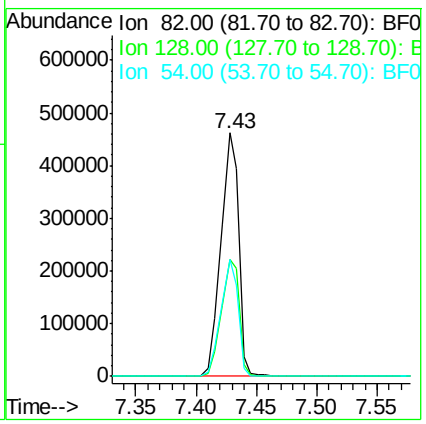


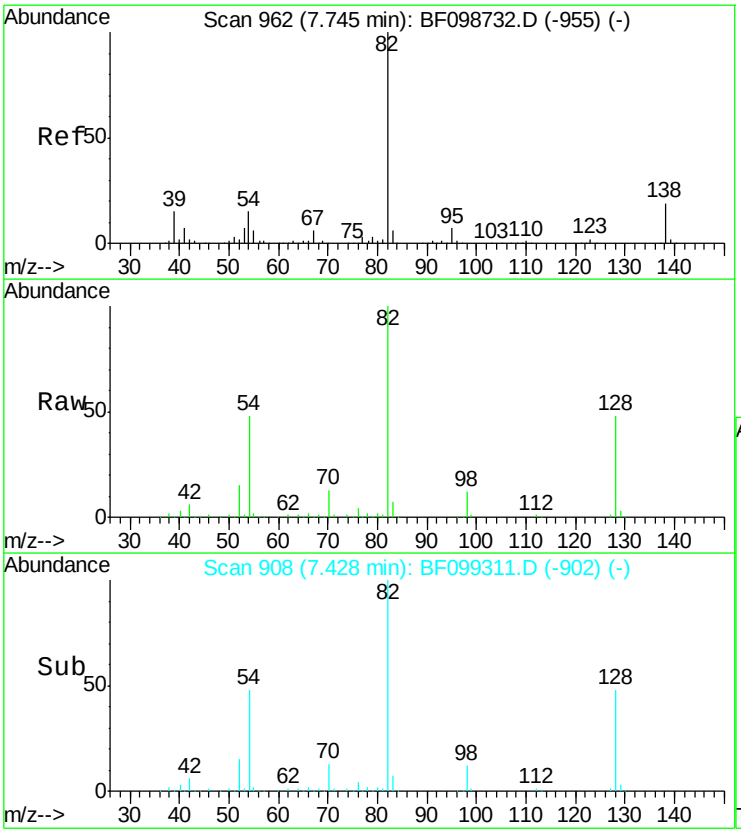
#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 468517

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	48.2	41.4	62.2

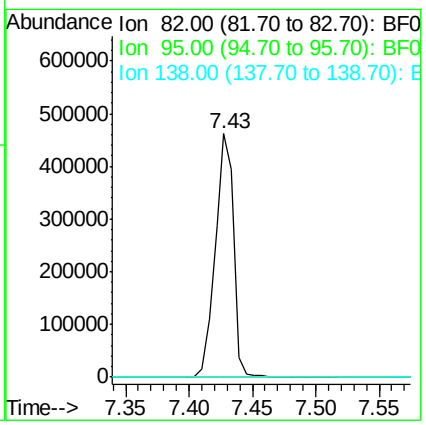


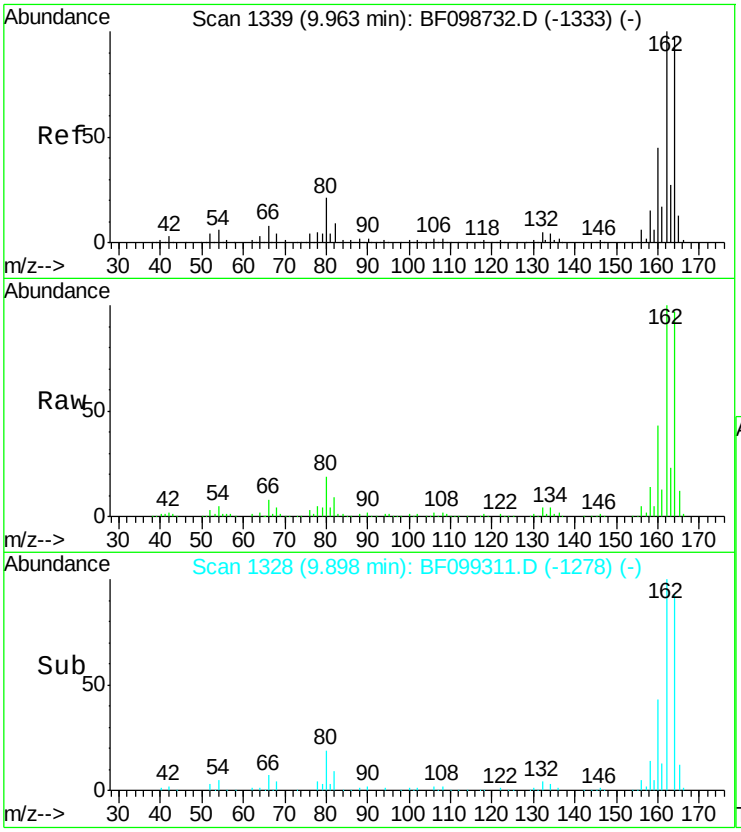


#25
Isophorone
Concen: 40.09 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion: 82 Resp: 468514

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



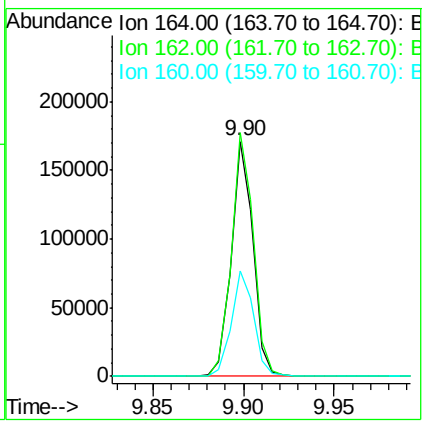


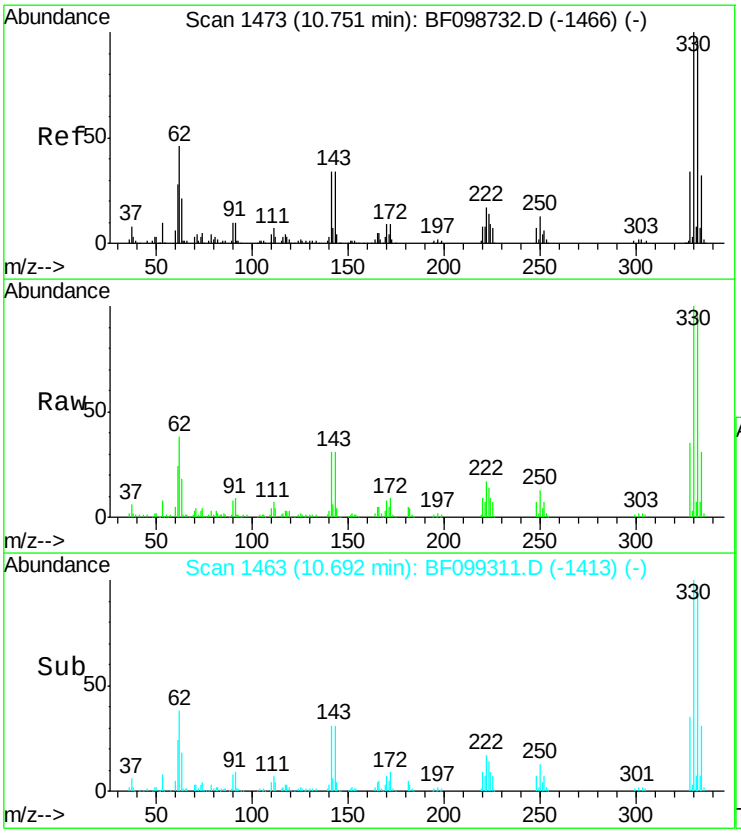
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143199

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.6	38.3	57.5

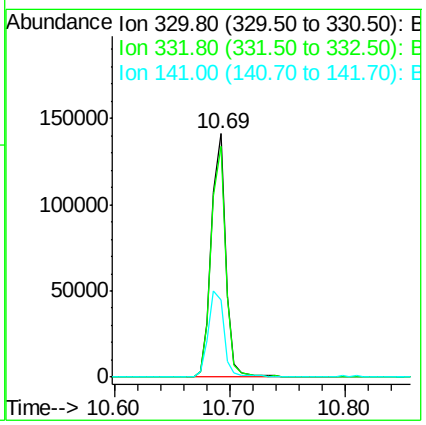


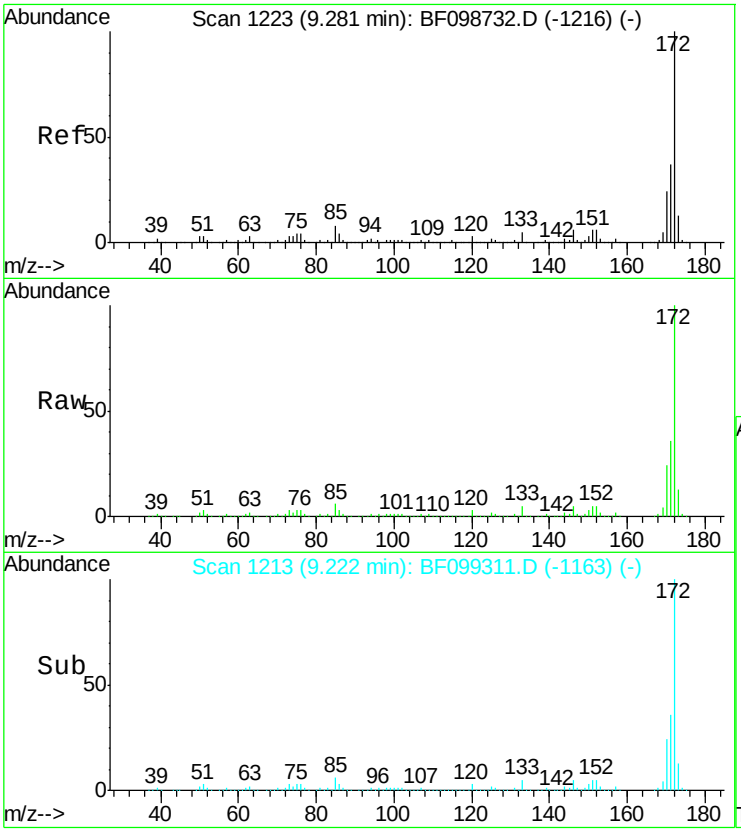


#41
2,4,6-Tribromophenol
Concen: 105.19 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:330 Resp: 123255

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.0	29.9	44.9



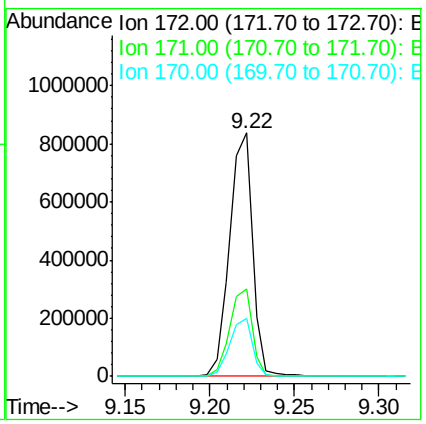


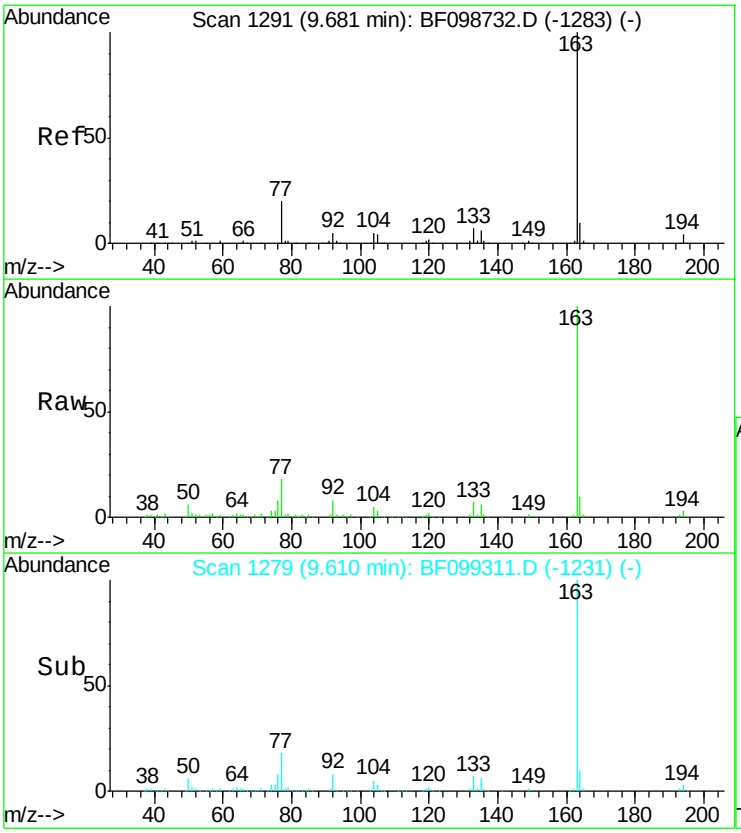
#44
2-Fluorobiphenyl
Concen: 91.97 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 788895

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

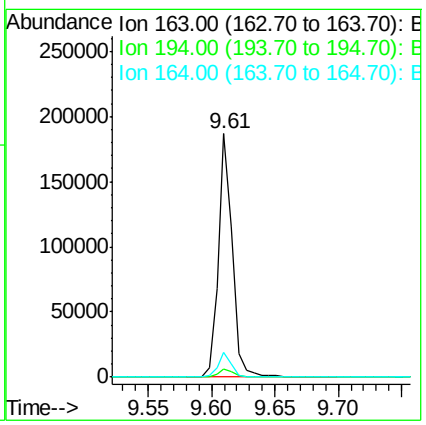


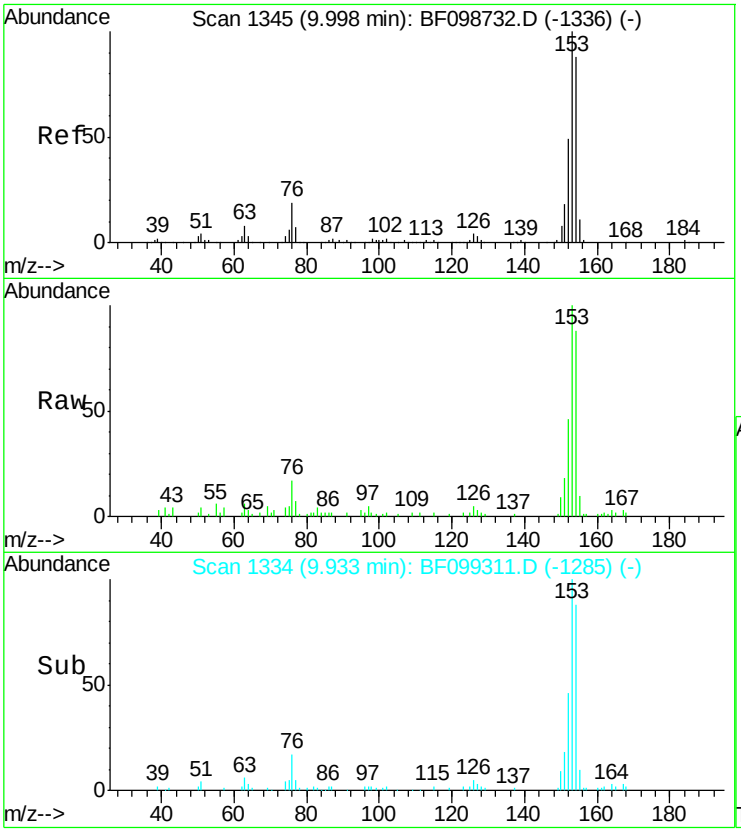


#49
Dimethylphthalate
Concen: 13.47 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:163 Resp: 145574

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



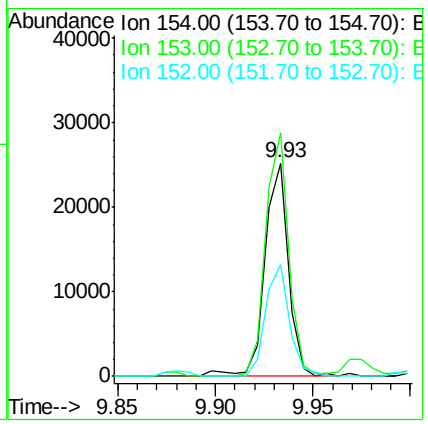


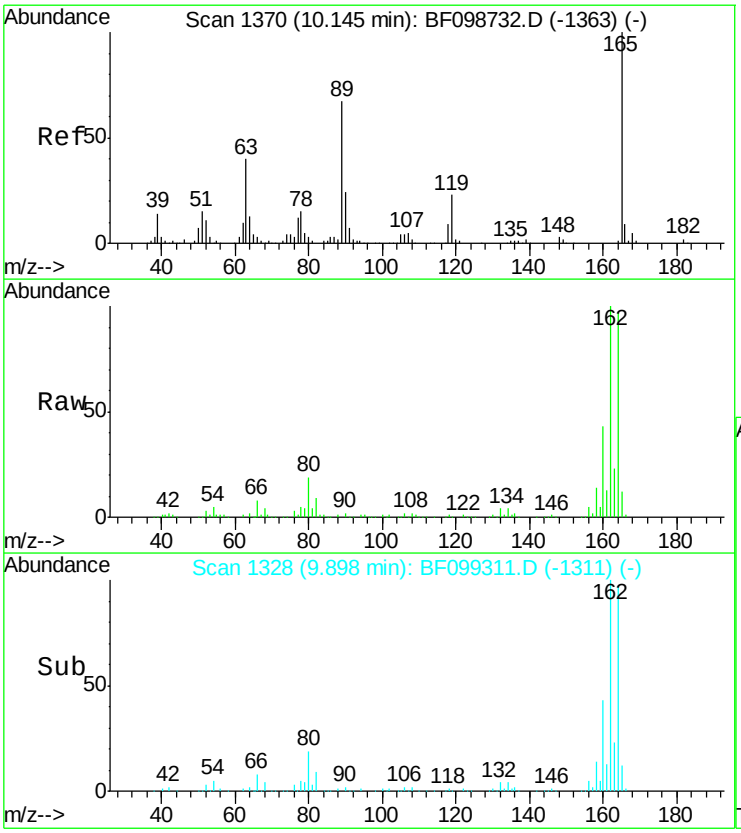
#51
Acenaphthene
Concen: 2.36 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 21145

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	52.3	43.8	65.8

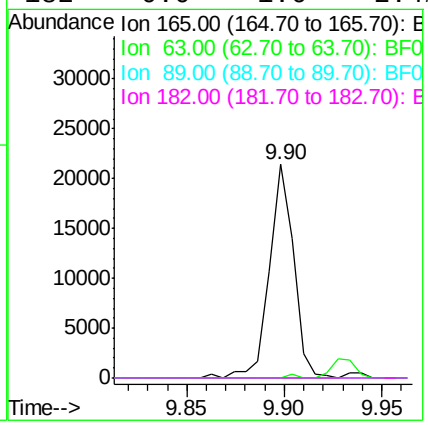


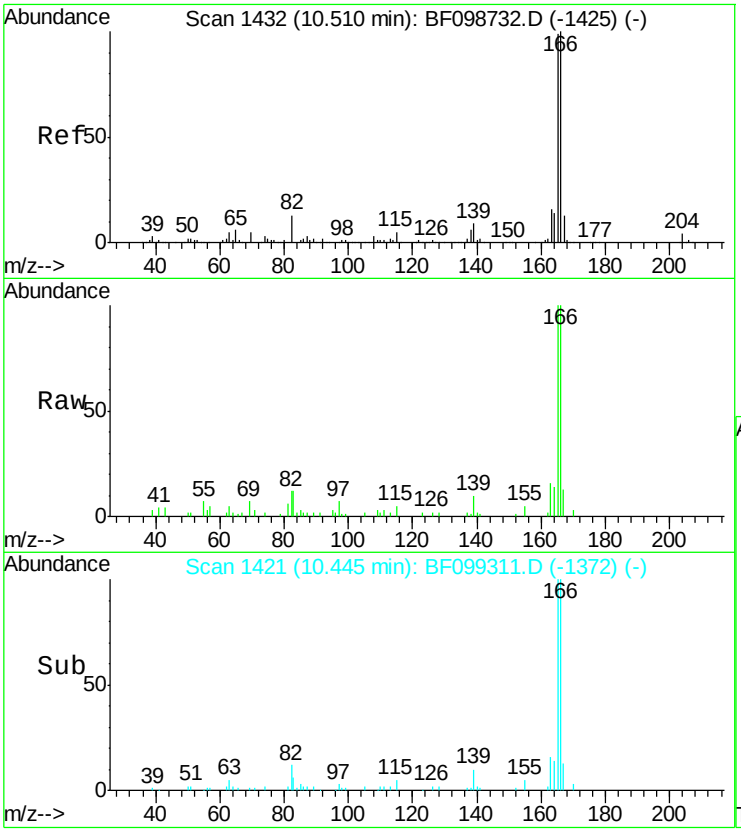


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:165 Resp: 18537

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#



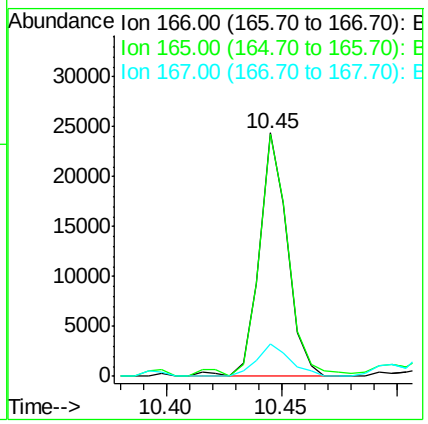


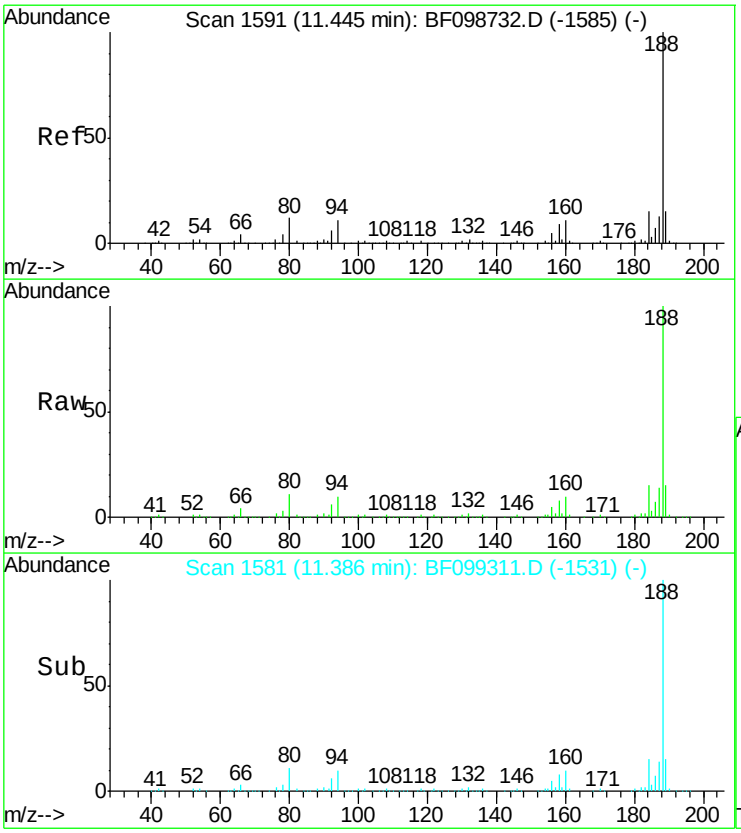
#57
Fluorene
Concen: 2.15 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 20661

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.5	10.6	16.0

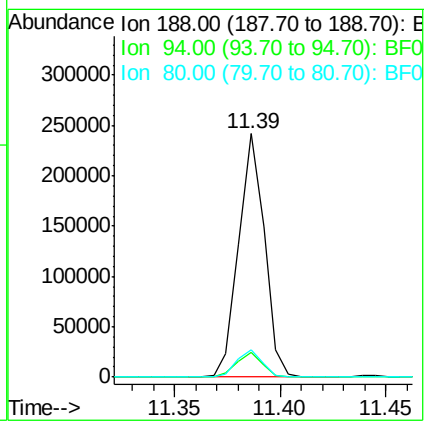


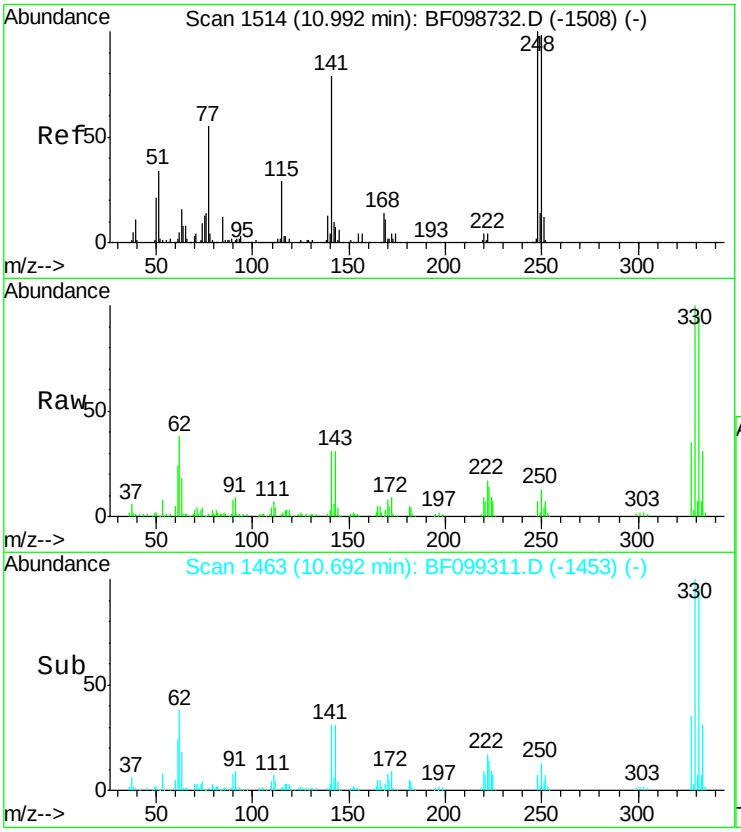


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:188 Resp: 204433

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8



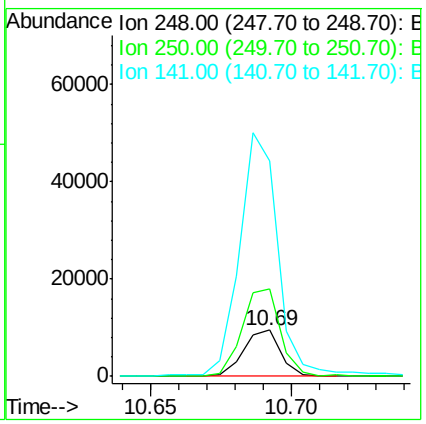


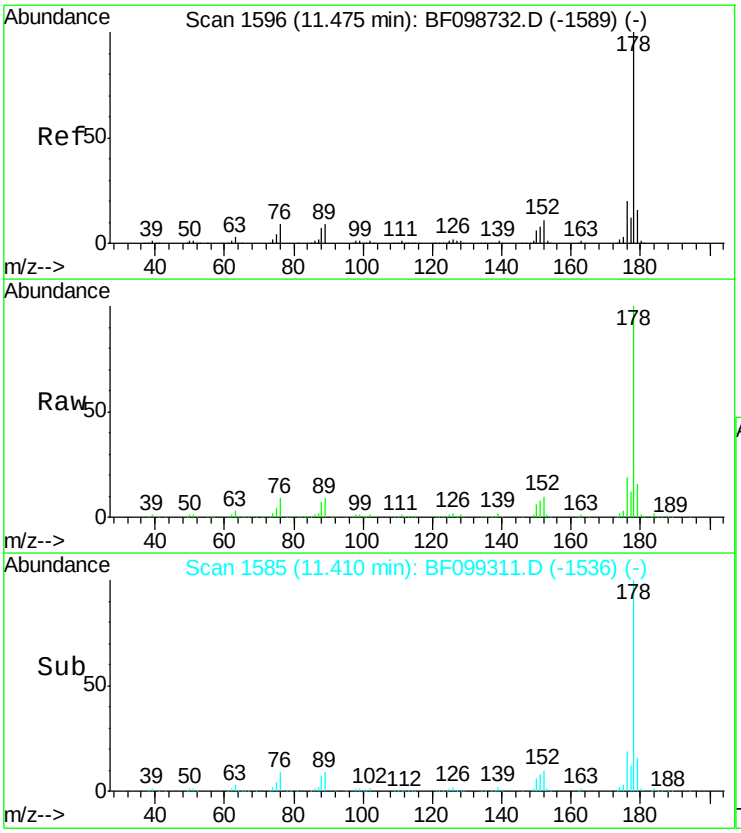
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8682

Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.9	115.3#
141	468.1	74.4	111.6#

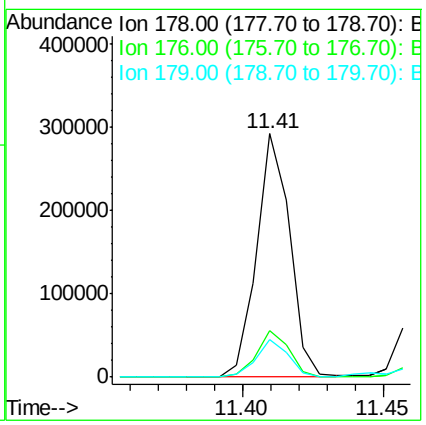


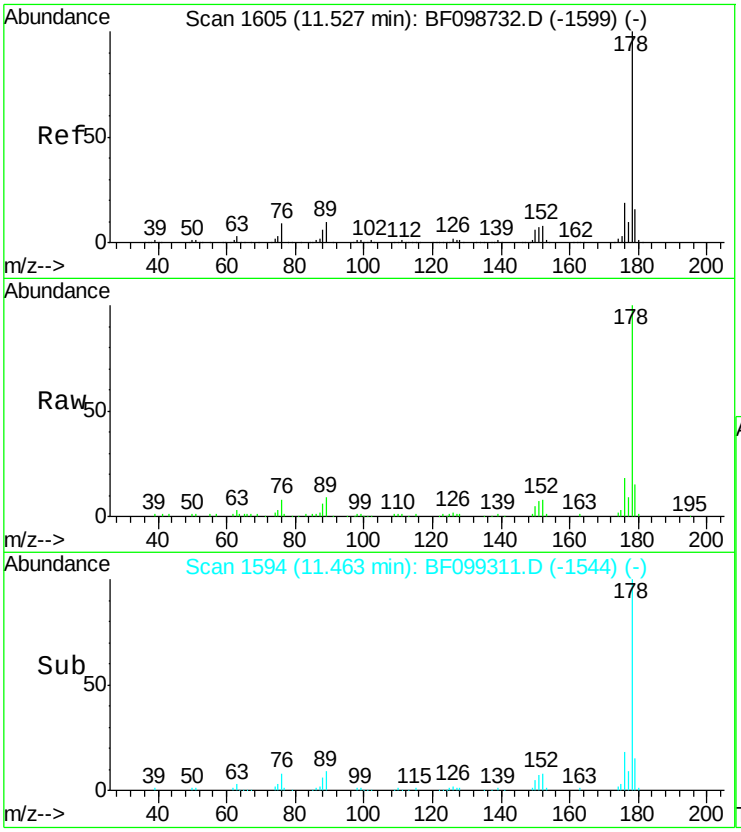


#70
Phenanthrene
Concen: 21.69 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:178 Resp: 237334

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	13.0	19.6



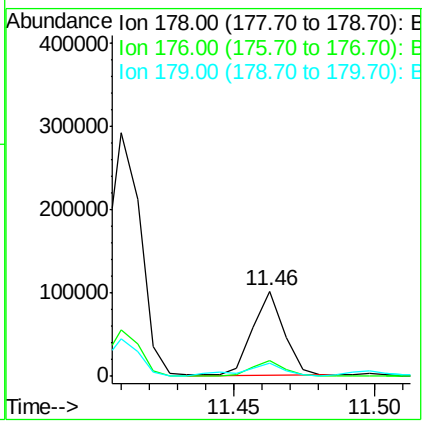


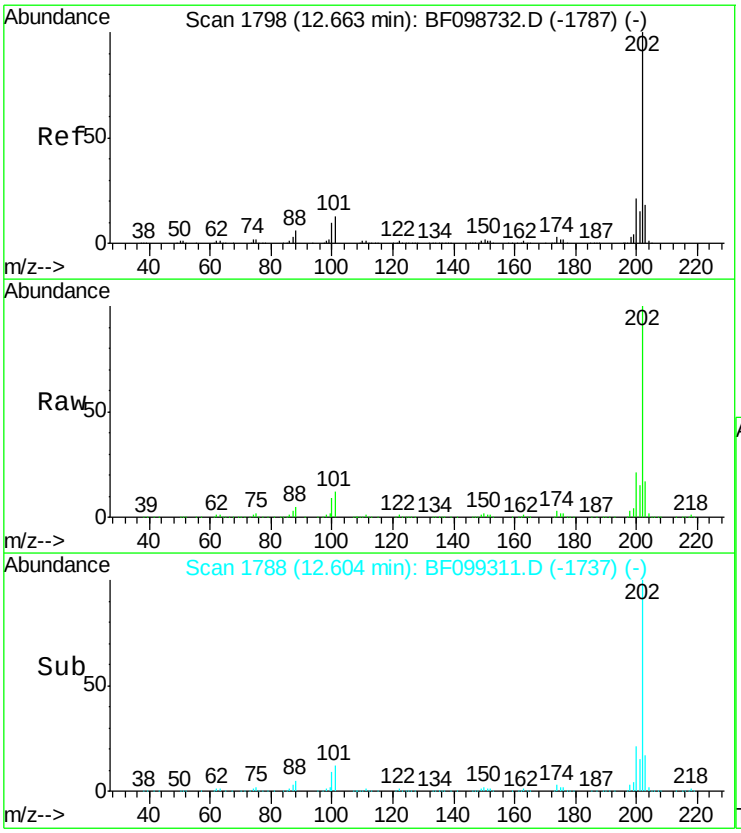
#71
Anthracene
Concen: 7.00 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 78427

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.0	12.6	19.0

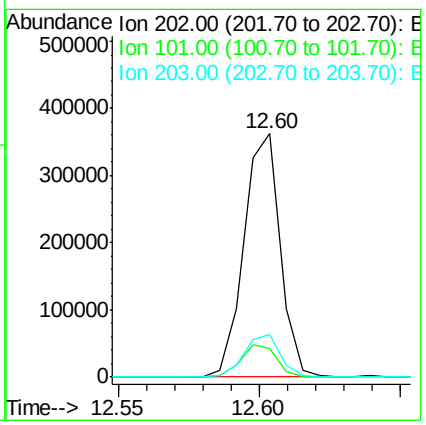


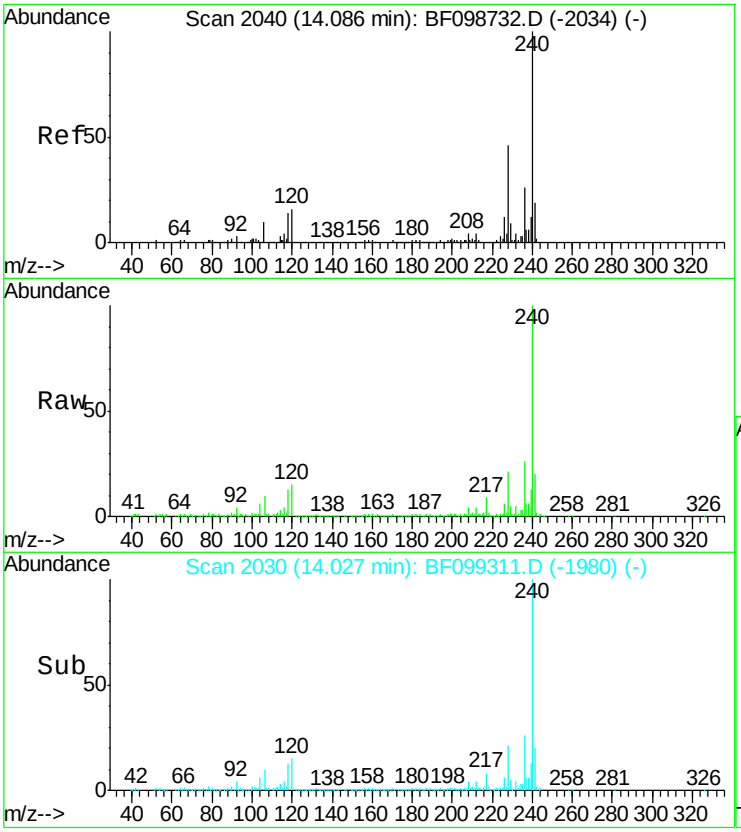


#74
Fluoranthene
Concen: 29.06 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:202 Resp: 322049

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.5	0.0	38.1



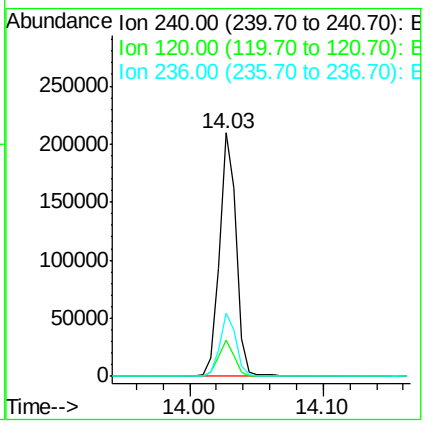


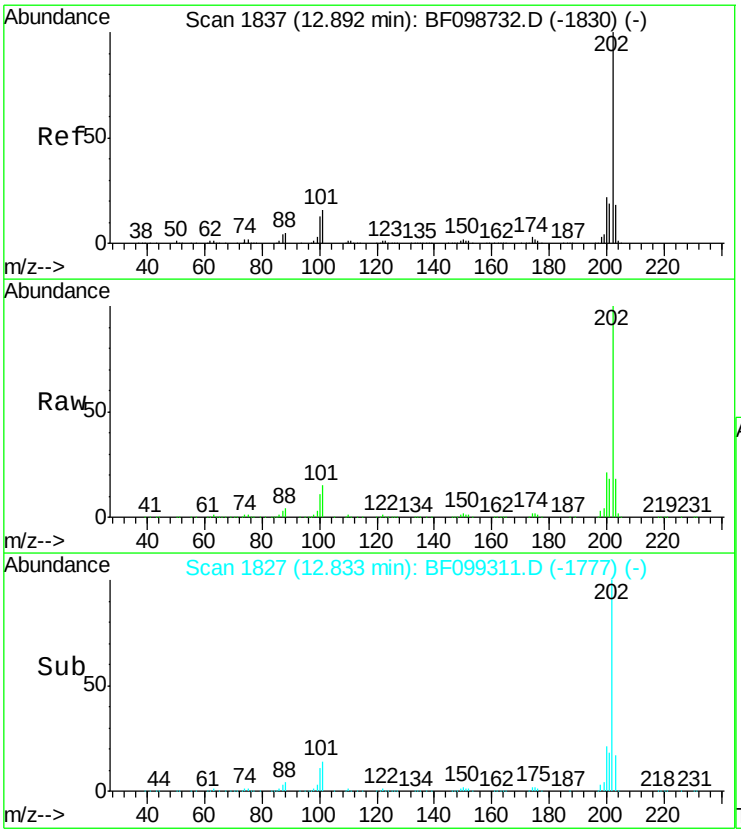
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 185502

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.9	20.7	31.1

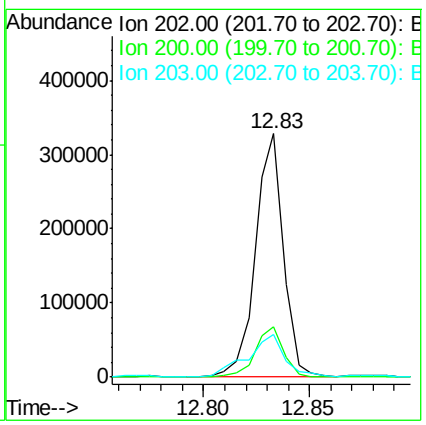


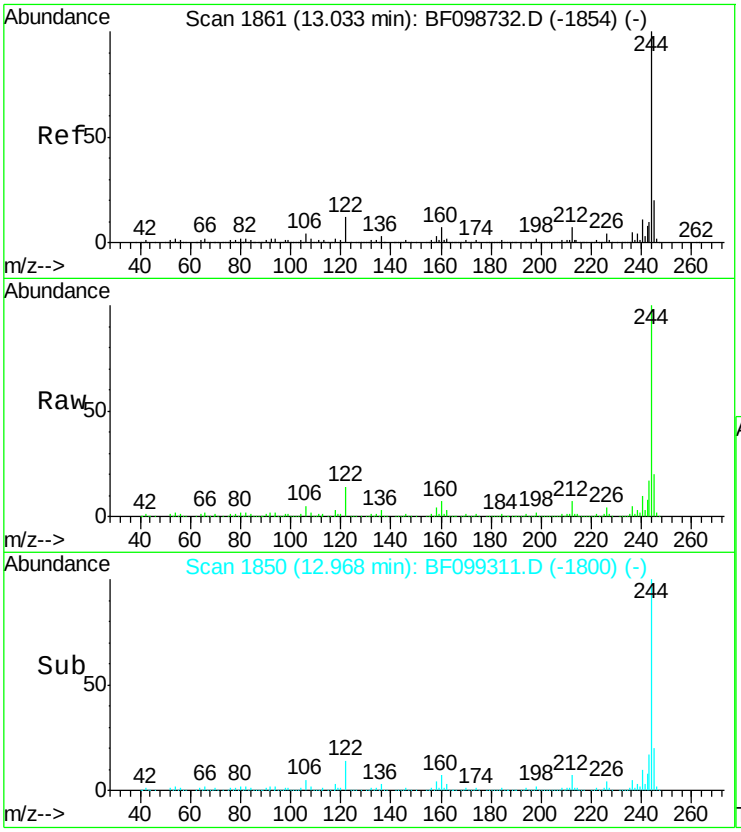


#77
Pyrene
Concen: 21.38 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:202 Resp: 302457

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.6	14.3	21.5



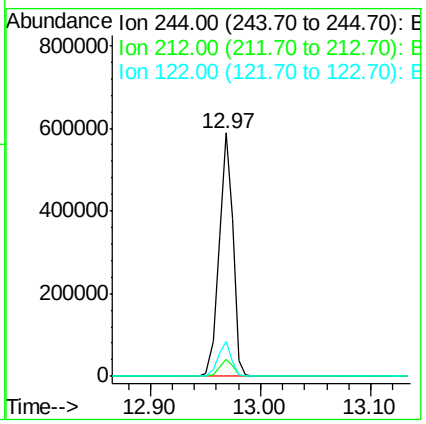


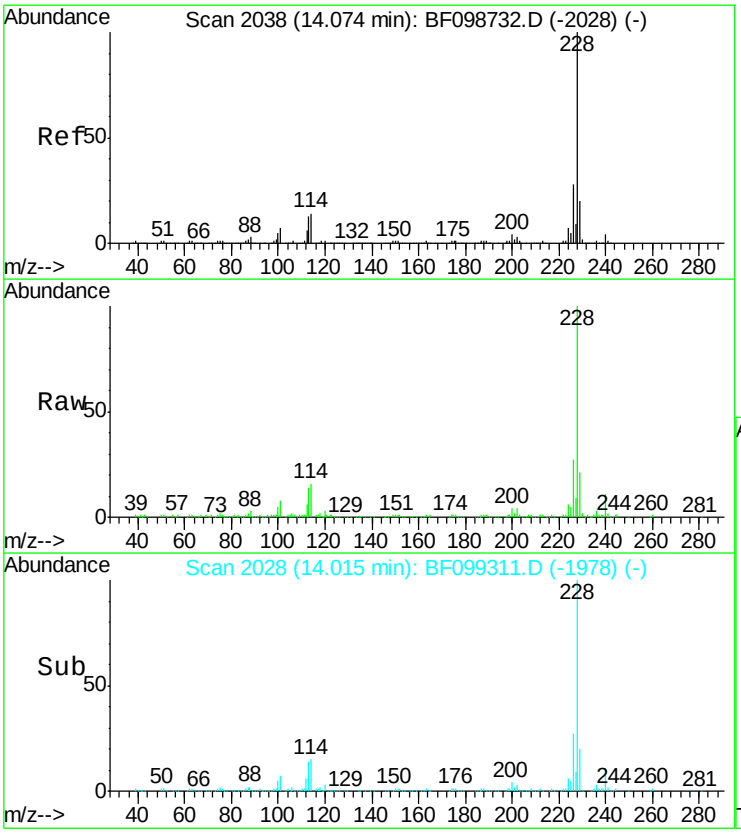
#78
Terphenyl-d14
Concen: 62.90 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 513058

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.1	11.0	16.4

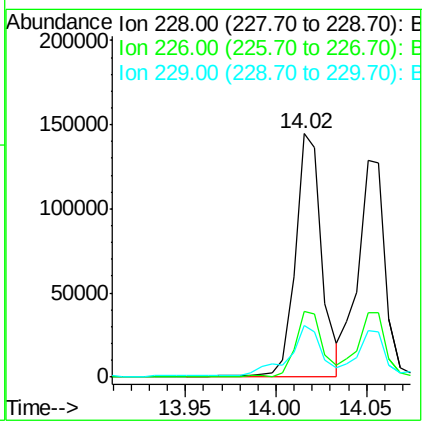


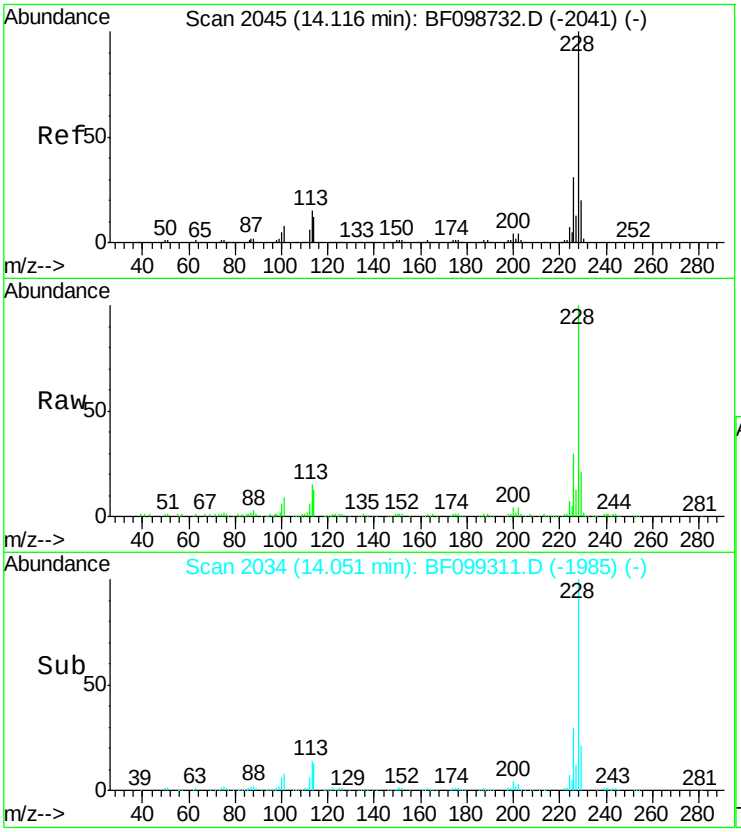


#80
Benzo(a)anthracene
Concen: 13.18 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:228 Resp: 148074

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.0	15.8	23.6



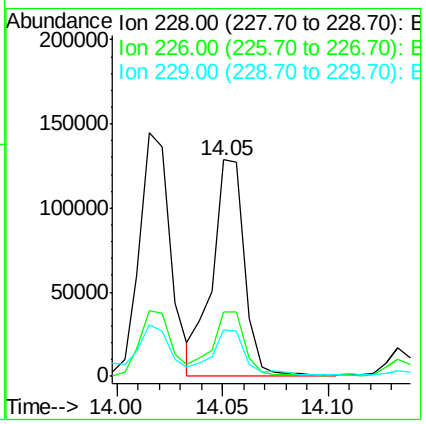


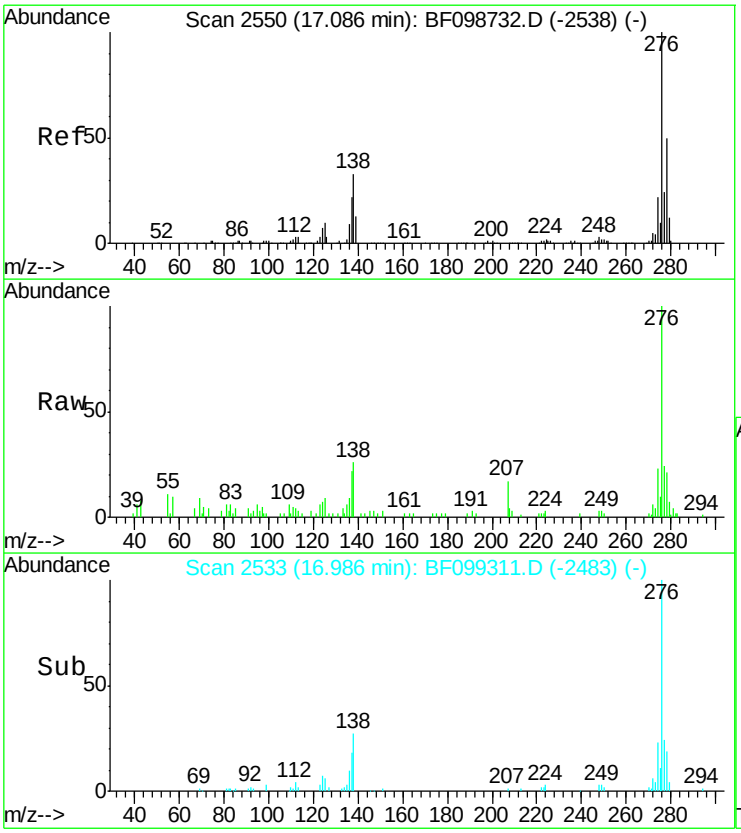
#82
Chrysene
Concen: 12.63 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 135043

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.4	16.2	24.4

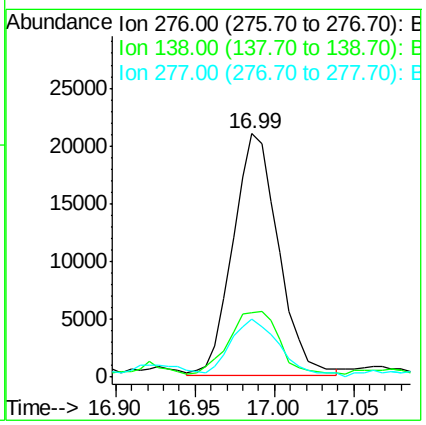


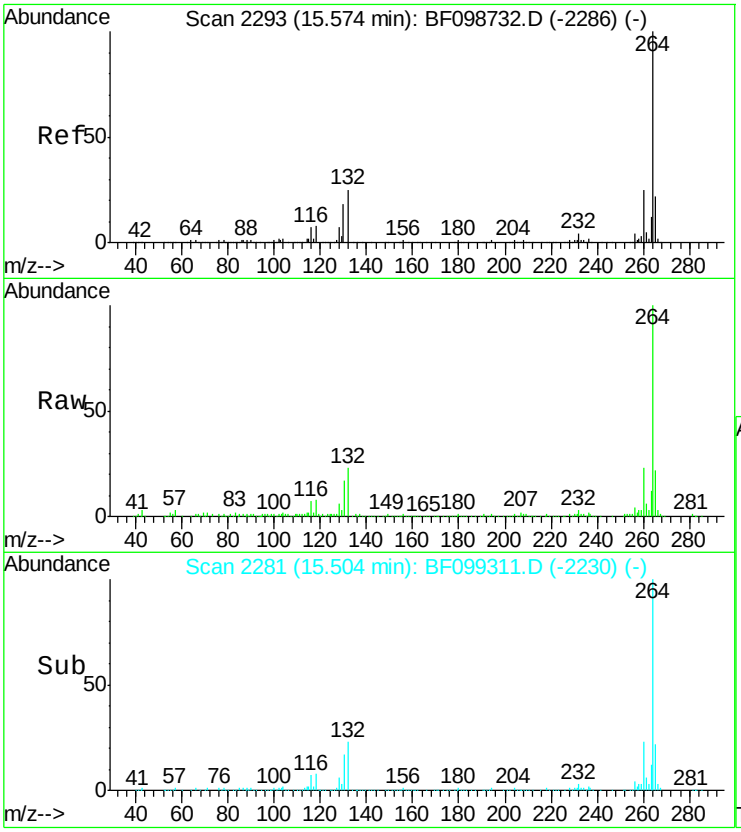


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.86 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:276 Resp: 41537

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	26.3	20.1	30.1



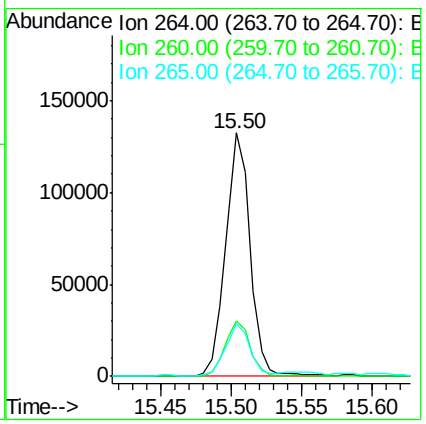


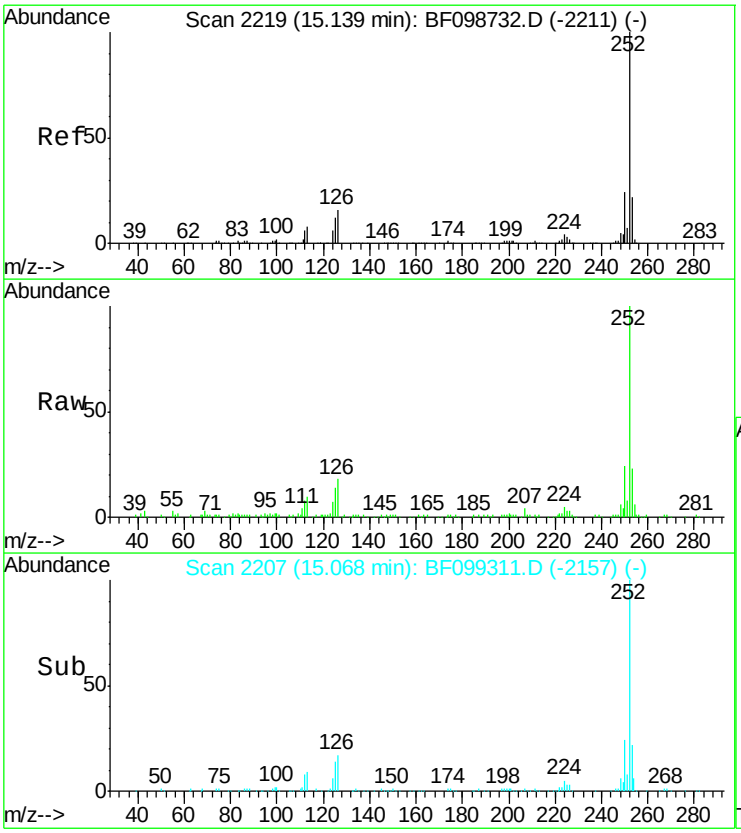
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 160191

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	17.5	26.3

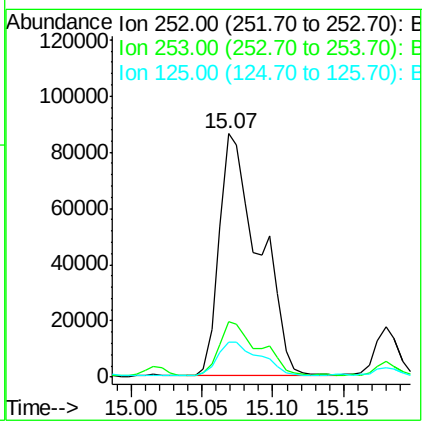


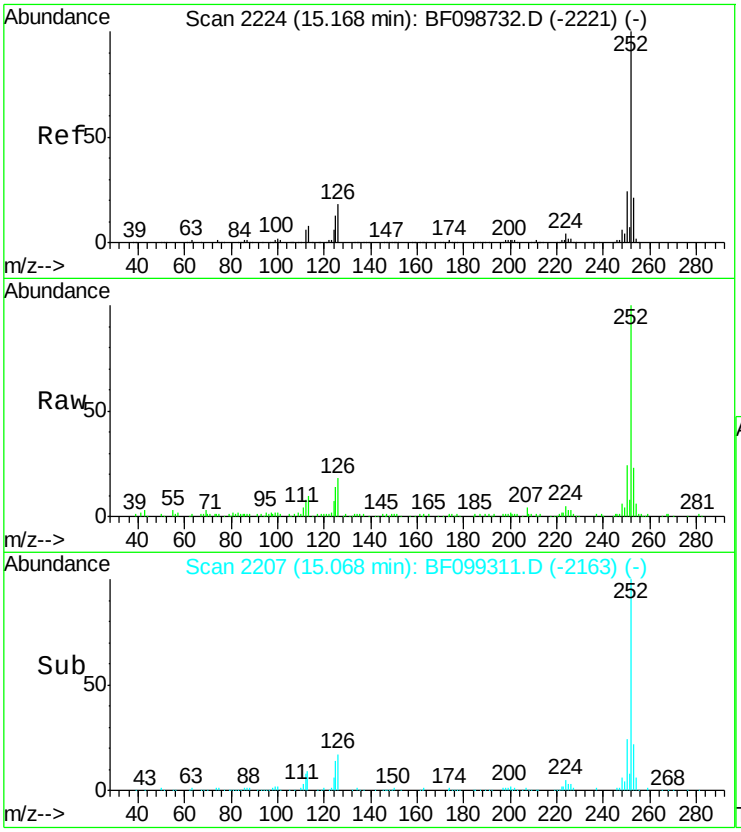


#87
Benzo(b)fluoranthene
Concen: 17.36 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:252 Resp: 171020

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.2	9.0	13.6#



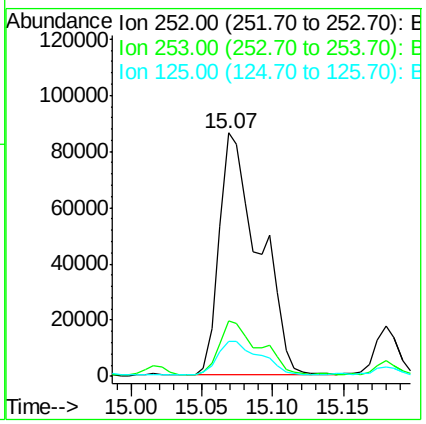


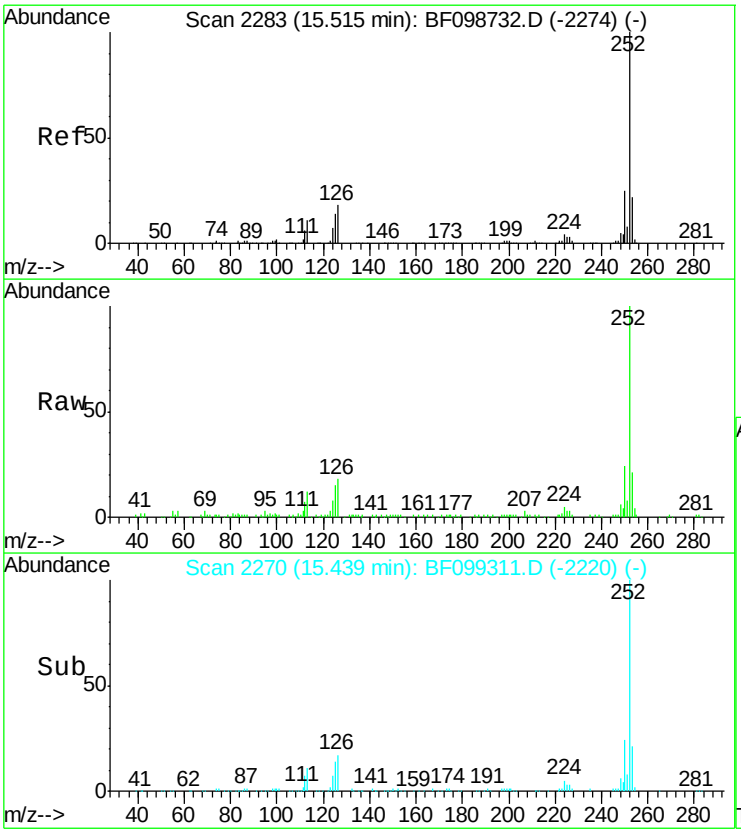
#88
Benzo(k)fluoranthene
Concen: 17.58 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 171020

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.2	10.2	15.2

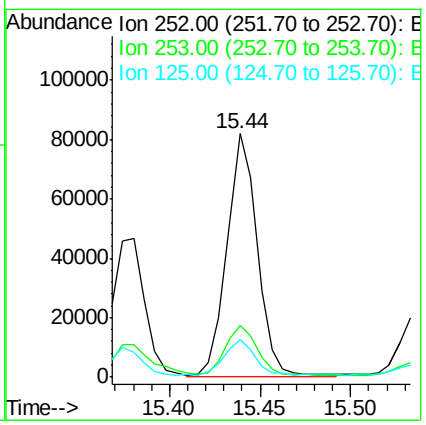


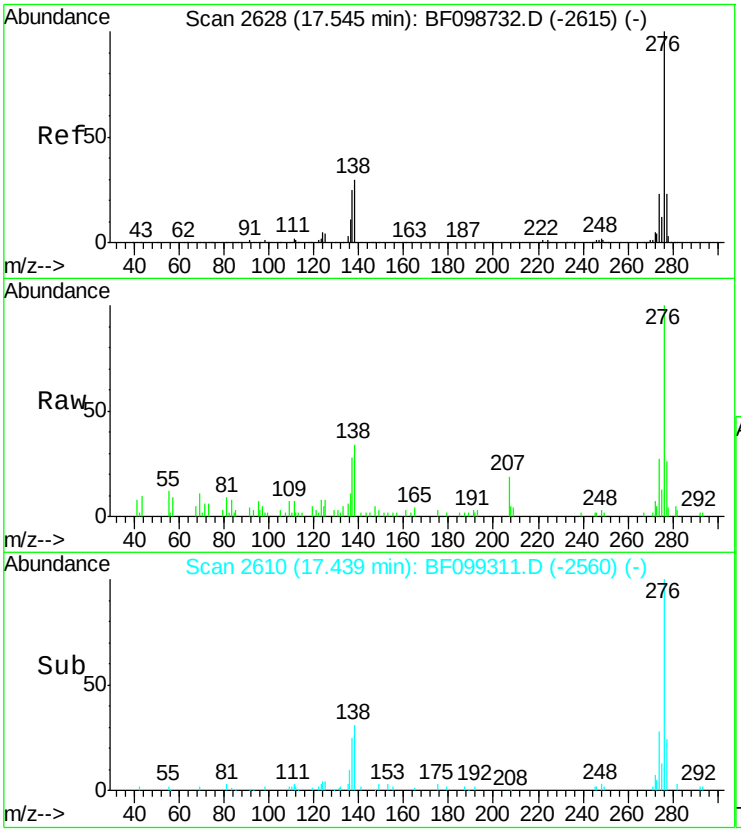


#89
Benzo(a)pyrene
Concen: 10.66 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Tgt Ion:252 Resp: 96338

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	15.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.43 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF099311.D
Acq: 10 Oct 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38801

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	34.0	21.8	32.8#