Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099881.D
Acq On : 27 Oct 2017 17:00
Operator : SJ/JU
Sample : I6112-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 27 17:30:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91893	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	378066	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	171616	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	288535	20.00	ng		0.00
75) Chrysene-d12	13.99	240	172279	20.00	ng		0.00
86) Perylene-d12	15.46	264	185049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	262029	44.77	ng		0.00
7) Phenol-d6	6.43	99	328263	47.30	ng		0.00
23) Nitrobenzene-d5	7.36	82	183871	31.31	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	71299	45.59	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	404191	36.34	ng		0.00
78) Terphenyl-d14	12.92	244	283851	36.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	18684	2.452	ng		87
19) n-Nitroso-di-n-propylamine	7.36	70	23751	5.840	ng	#	71
25) Isophorone	7.36	82	183871	17.255	ng	#	64
31) Naphthalene	8.10	128	41317	2.264	ng		99
37) 2-Methylnaphthalene	8.79	142	36353	2.972	ng		98
49) Dimethylphthalate	9.55	163	119065	8.761	ng		100
53) 2,4-Dinitrophenol	10.12	184	552	6.215	ng	#	52
55) 4-Nitrophenol	10.05	139	7177	4.080	ng	#	14
62) Azobenzene	10.55	77	49945	4.489	ng	#	1
70) Phenanthrene	11.36	178	109876	6.748	ng		98
74) Fluoranthene	12.55	202	144485	8.538	ng		98
77) Pyrene	12.78	202	130527	9.964	ng		98
80) Benzo(a)anthracene	13.97	228	78390	7.178	ng		98
82) Chrysene	14.01	228	78462	7.642	ng		96
85) Indeno(1,2,3-cd)pyrene	16.95	276	63161	6.701	ng		98
87) Benzo(b)fluoranthene	15.03	252	166360	14.237	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	166360	15.098	ng		97
89) Benzo(a)pyrene	15.40	252	87771	8.362	ng	#	93
91) Benzo(g,h,i)perylene	17.40	276	66760	7.316	ng	#	90

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

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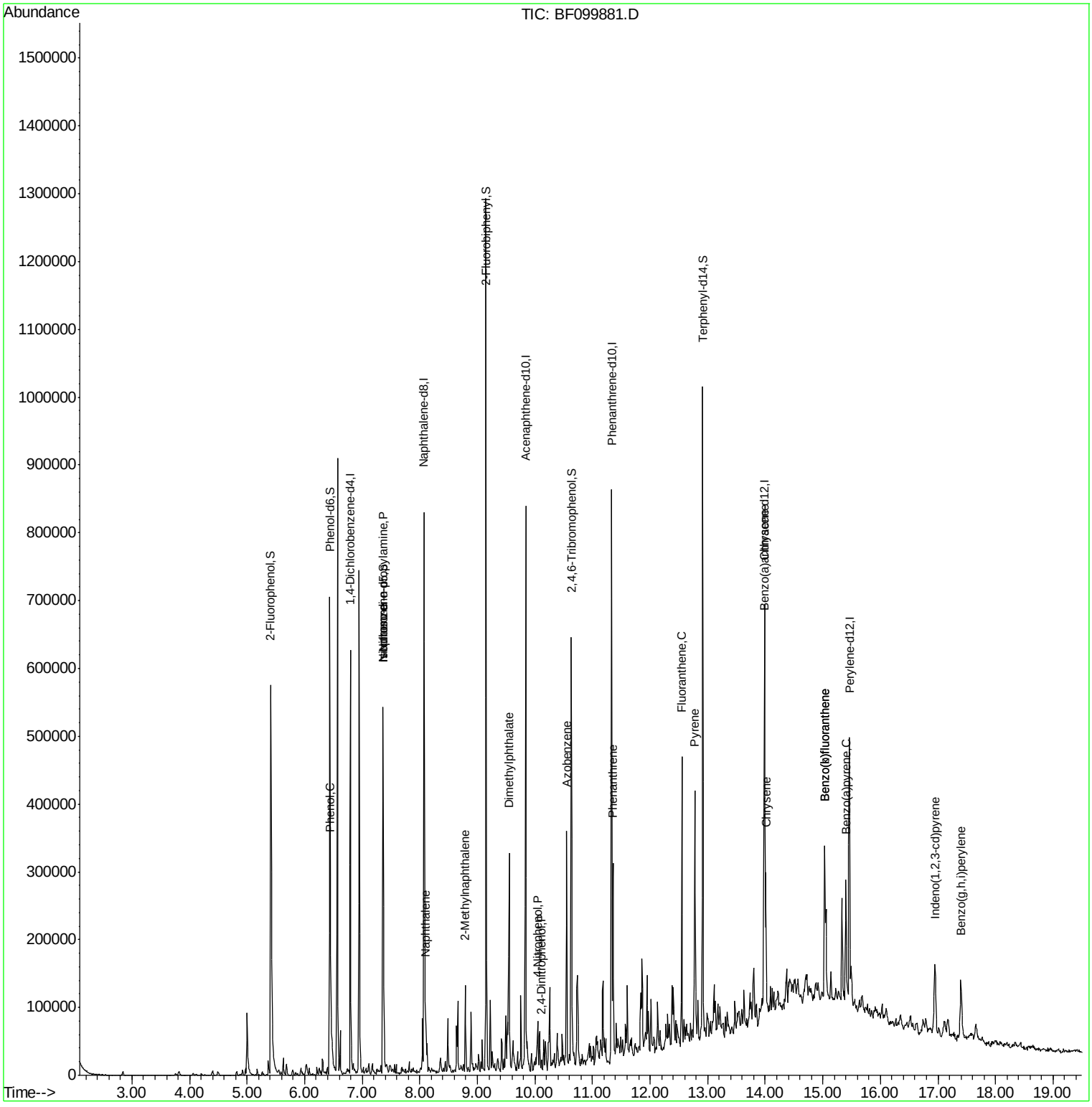
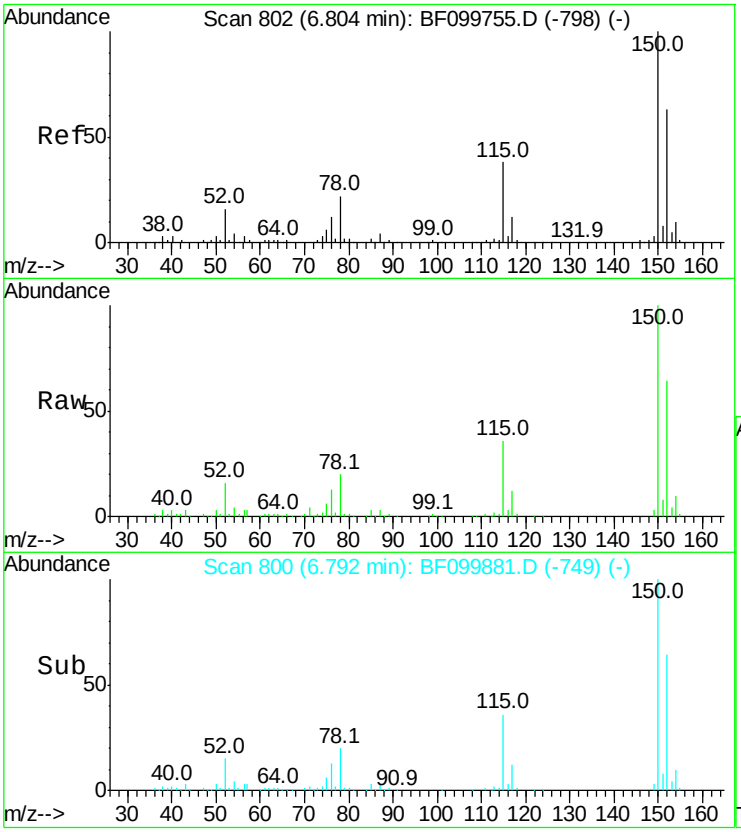


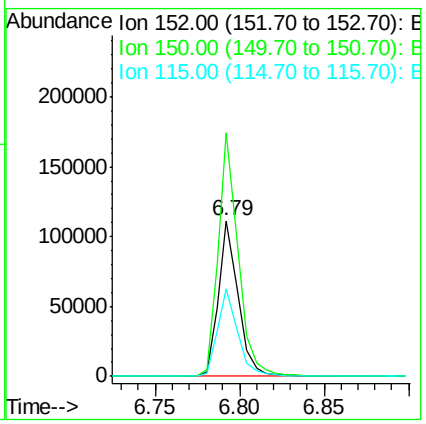


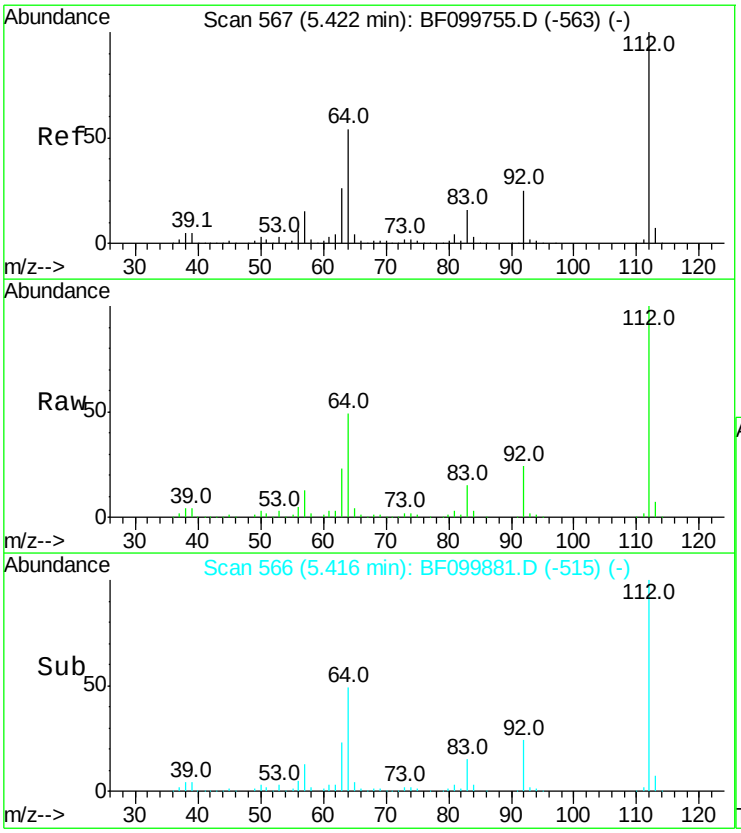
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91893

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	56.3	50.1	75.1

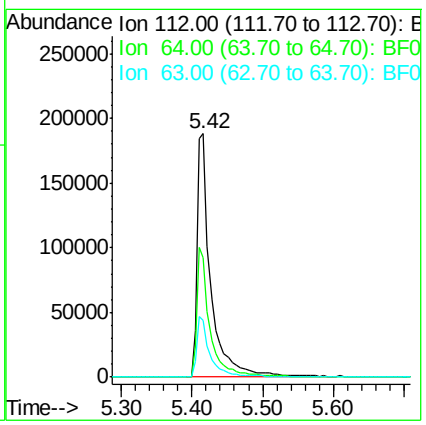


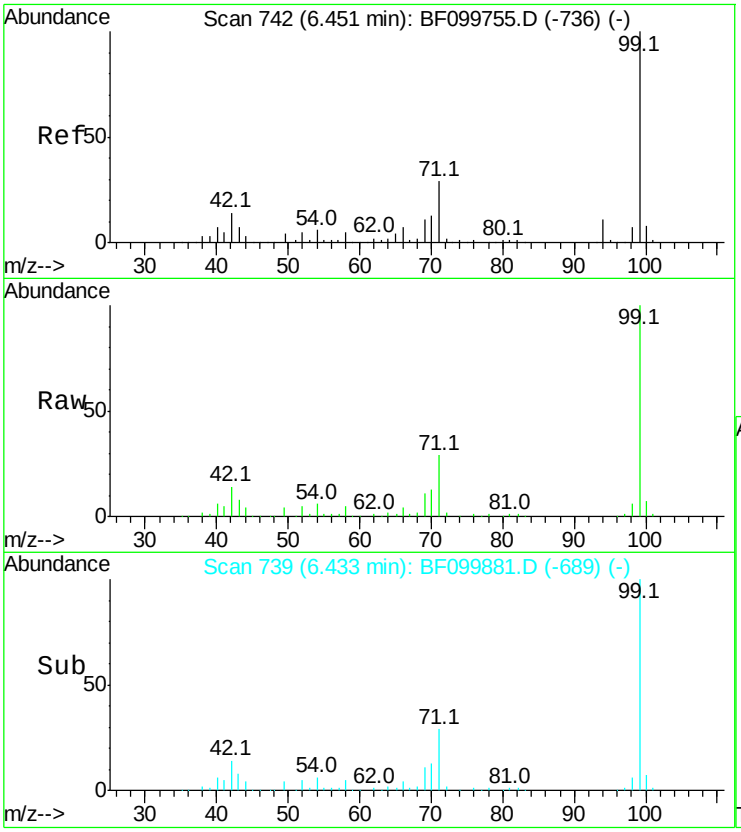


#5
2-Fluorophenol
Concen: 44.767 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:112 Resp: 262029

Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	23.2	23.7	35.5#



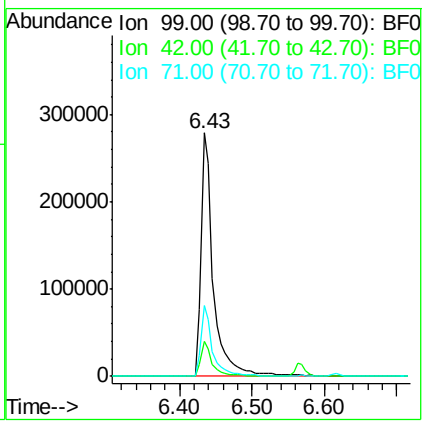


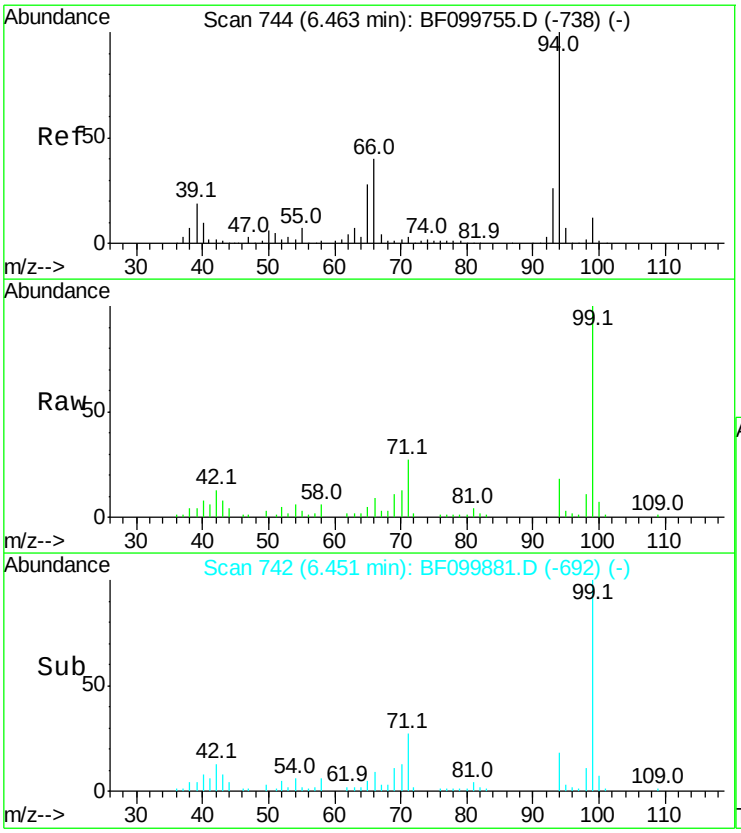
#7
Phenol-d6
Concen: 47.299 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 328263

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.2	25.4	38.0

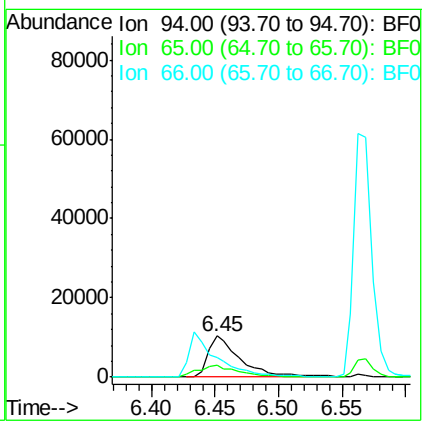


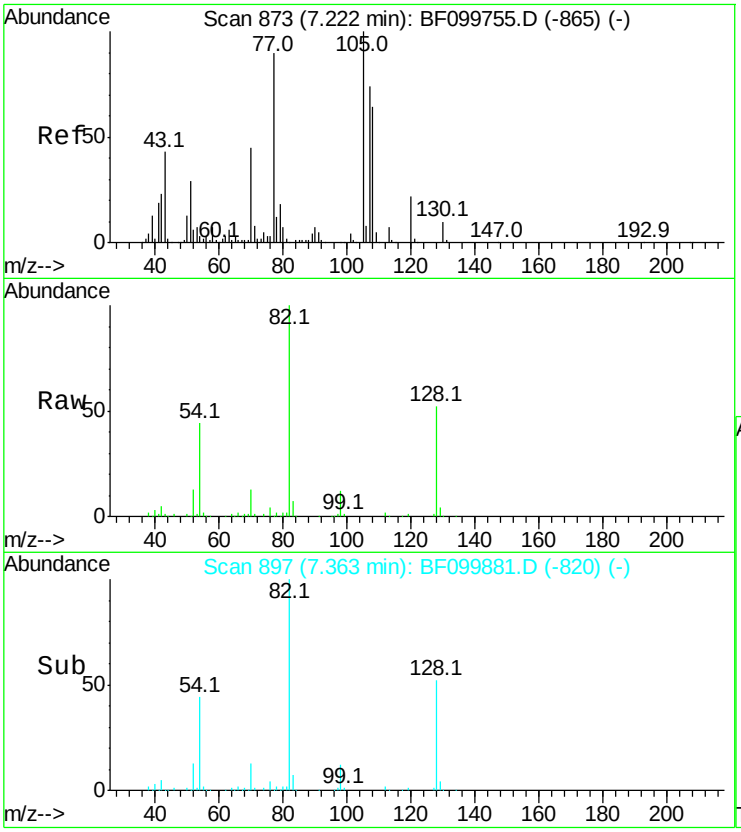


#10
Phenol
Concen: 2.452 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion: 94 Resp: 18684

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	49.0	16.2	56.2



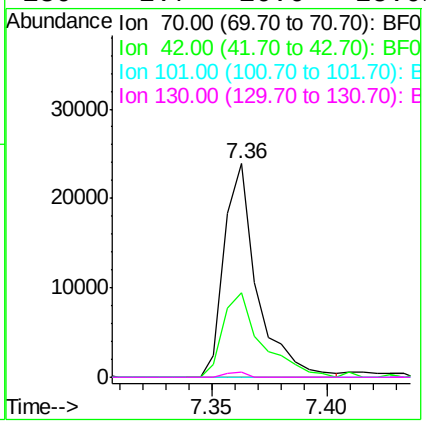


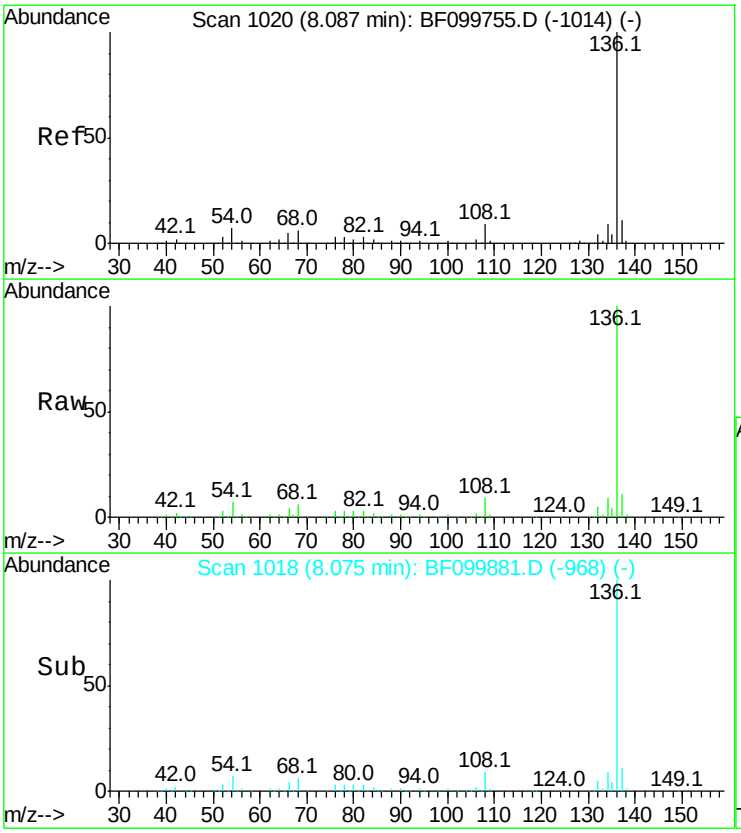
#19
n-Nitroso-di-n-propylamine
Concen: 5.840 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 23751

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

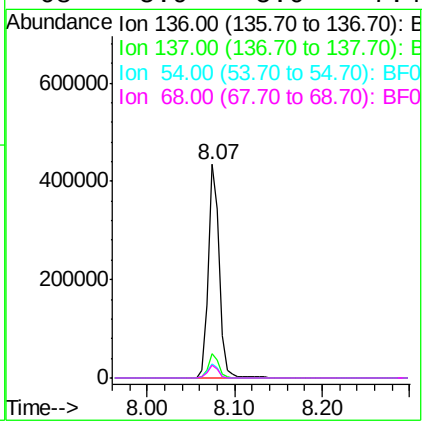


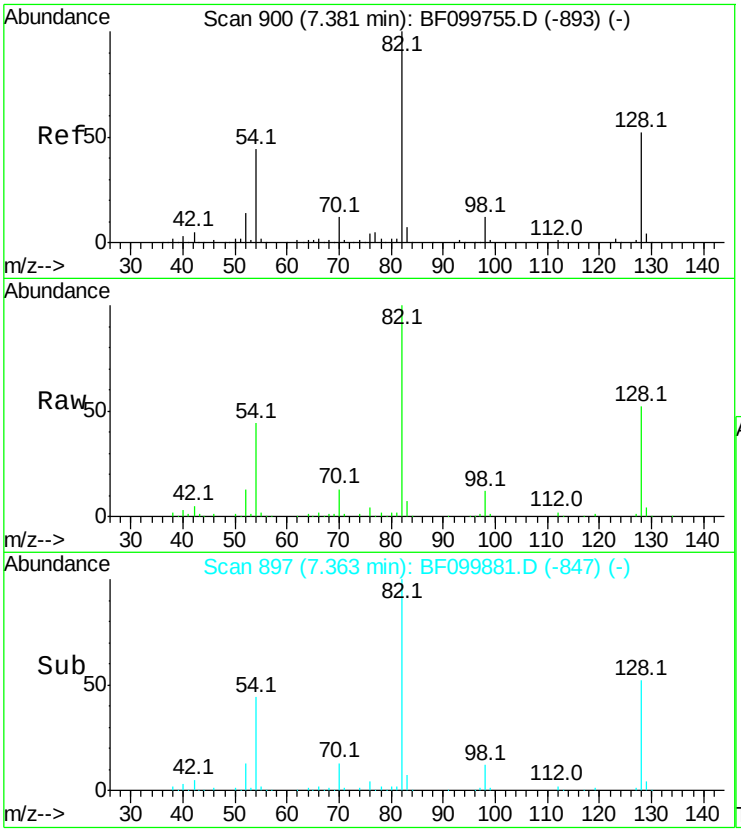


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:136 Resp: 378066

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4



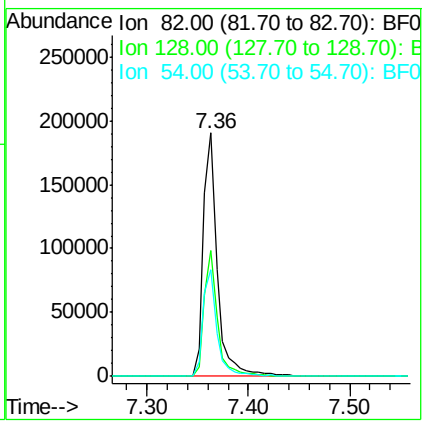


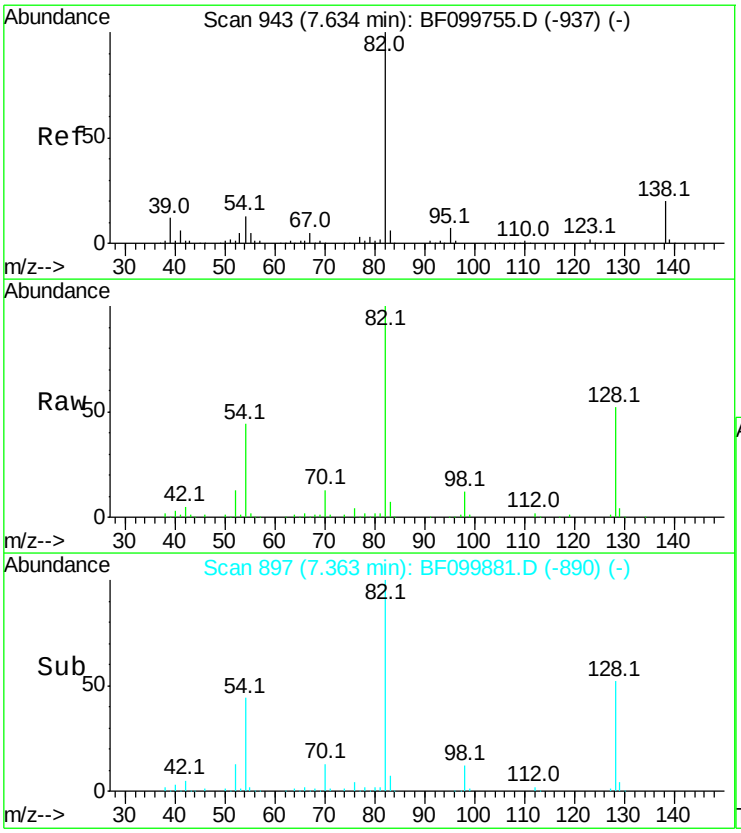
#23
Nitrobenzene-d5
Concen: 31.311 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 183871

Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.1	54.1
54	43.8	41.4	62.2

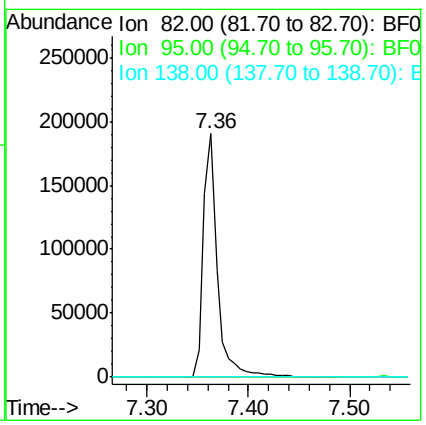


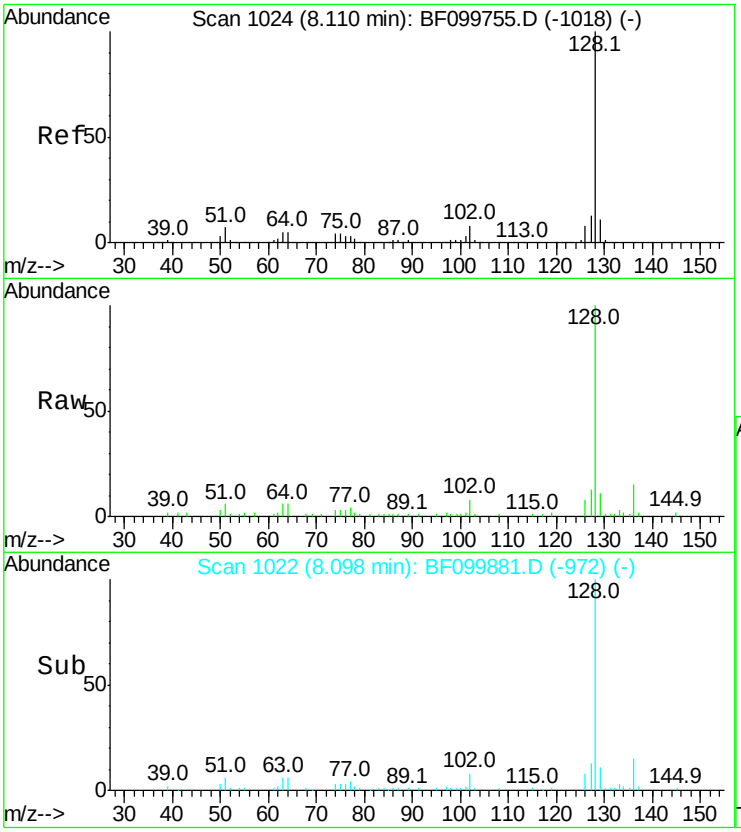


#25
Isophorone
Concen: 17.255 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion: 82 Resp: 183871

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



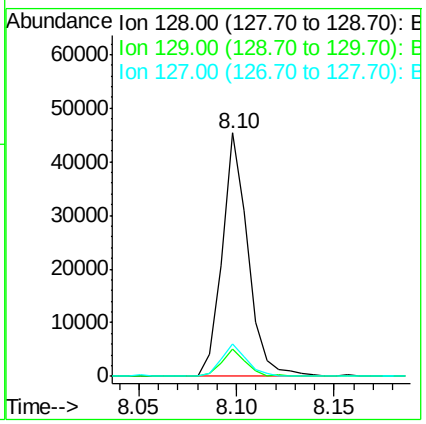


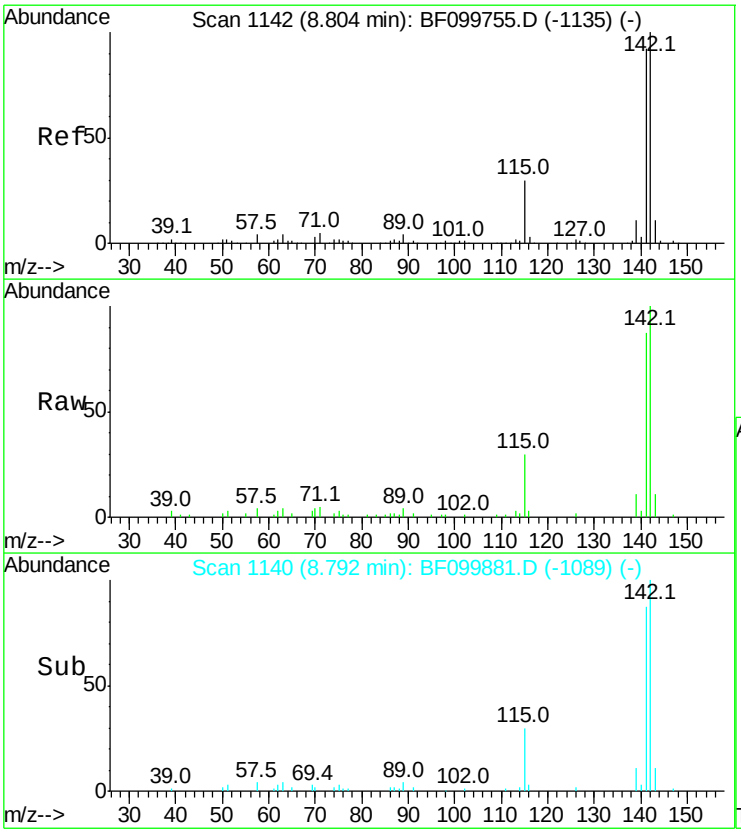
#31
Naphthalene
Concen: 2.264 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 41317

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.9	16.3

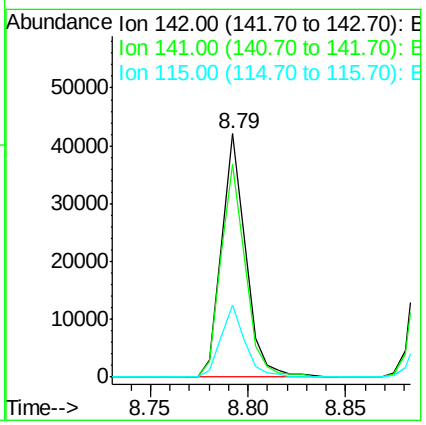


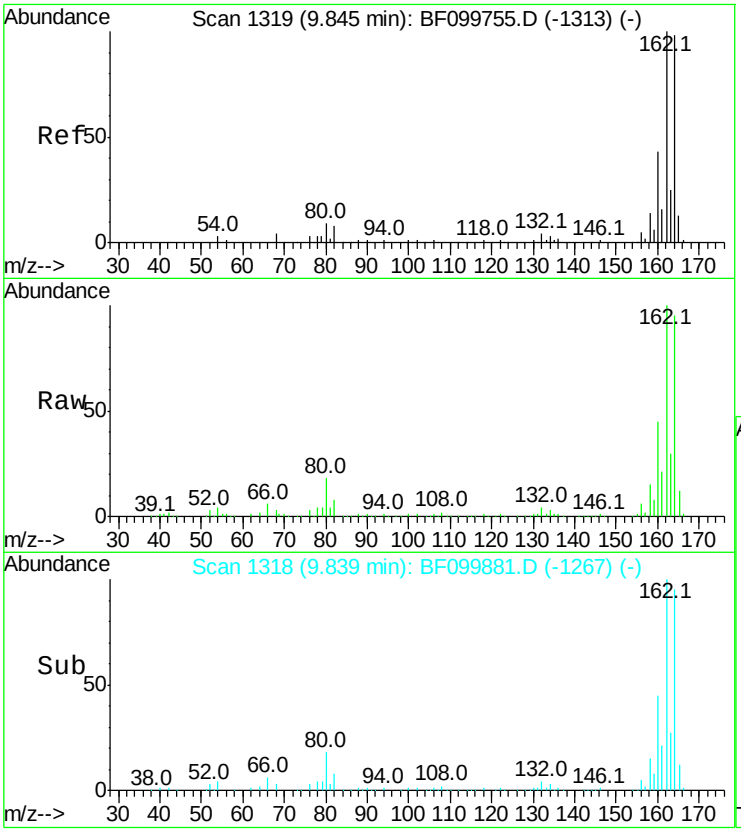


#37
2-Methylnaphthalene
Concen: 2.972 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:142 Resp: 36353

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	29.7	26.1	39.1



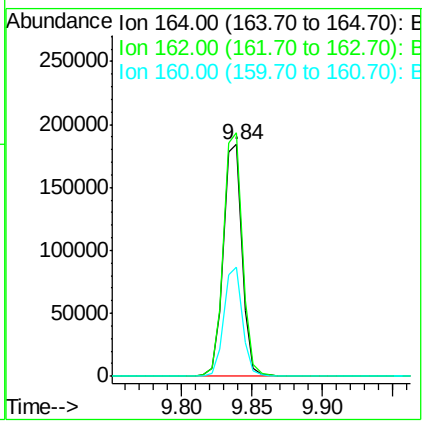


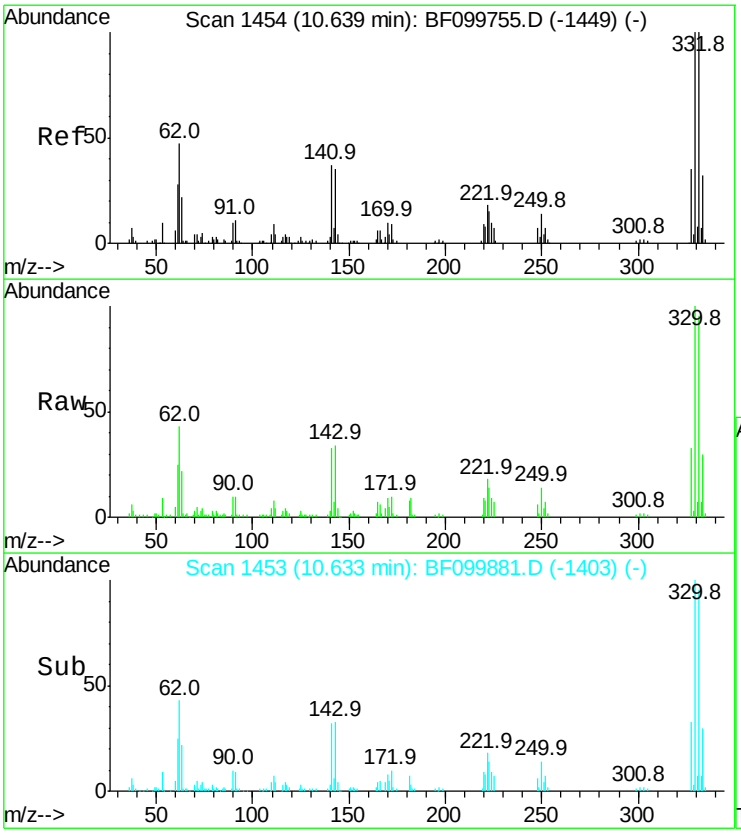
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171616

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.0	38.3	57.5

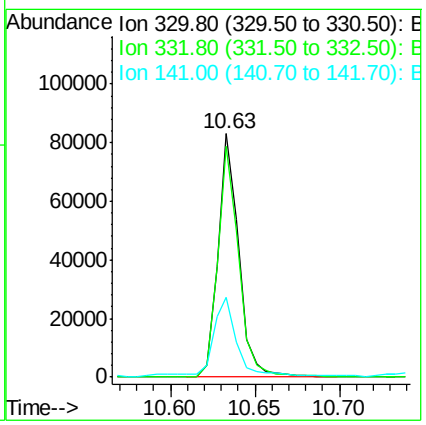


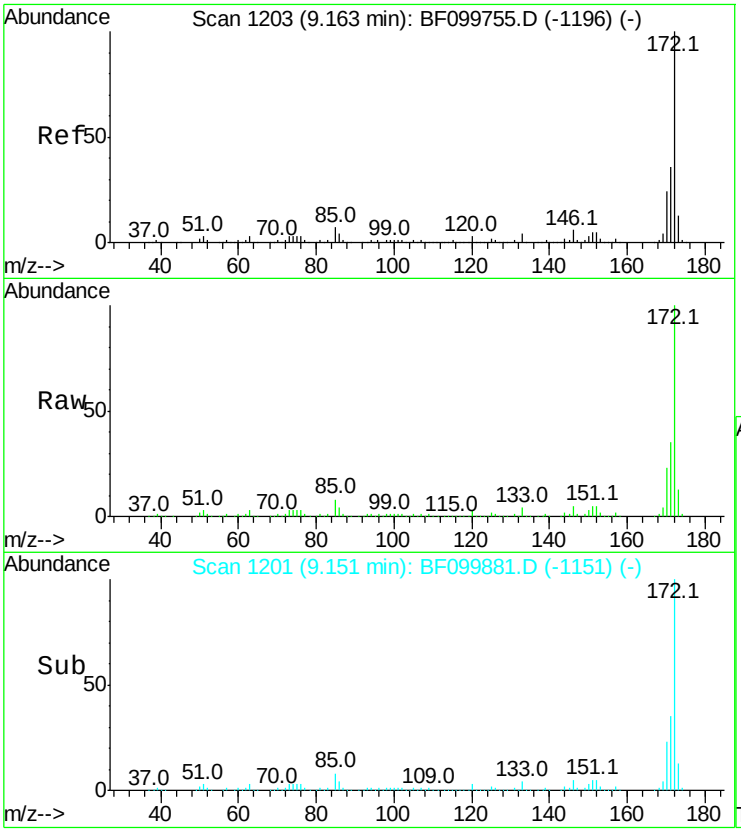


#41
2,4,6-Tribromophenol
Concen: 45.589 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:330 Resp: 71299

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.8	29.9	44.9



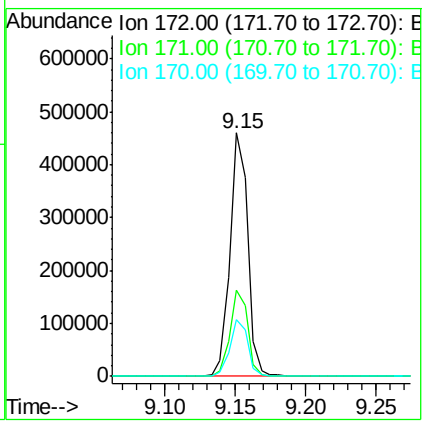


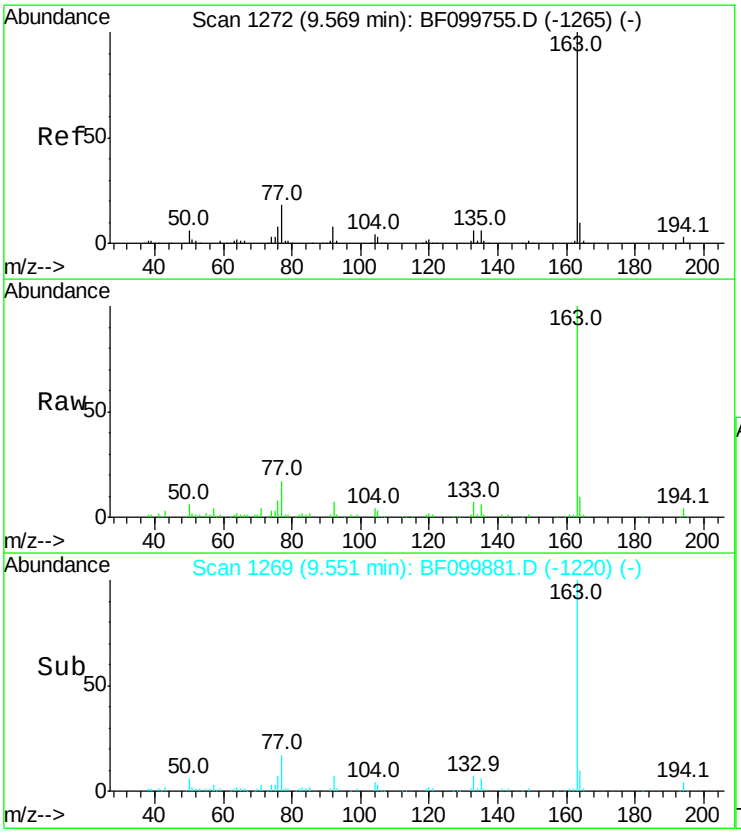
#44
2-Fluorobiphenyl
Concen: 36.337 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 404191

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	19.6	29.4

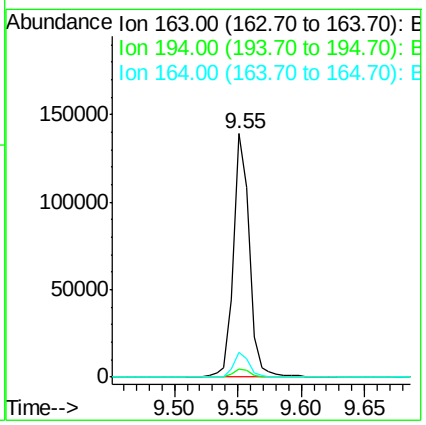


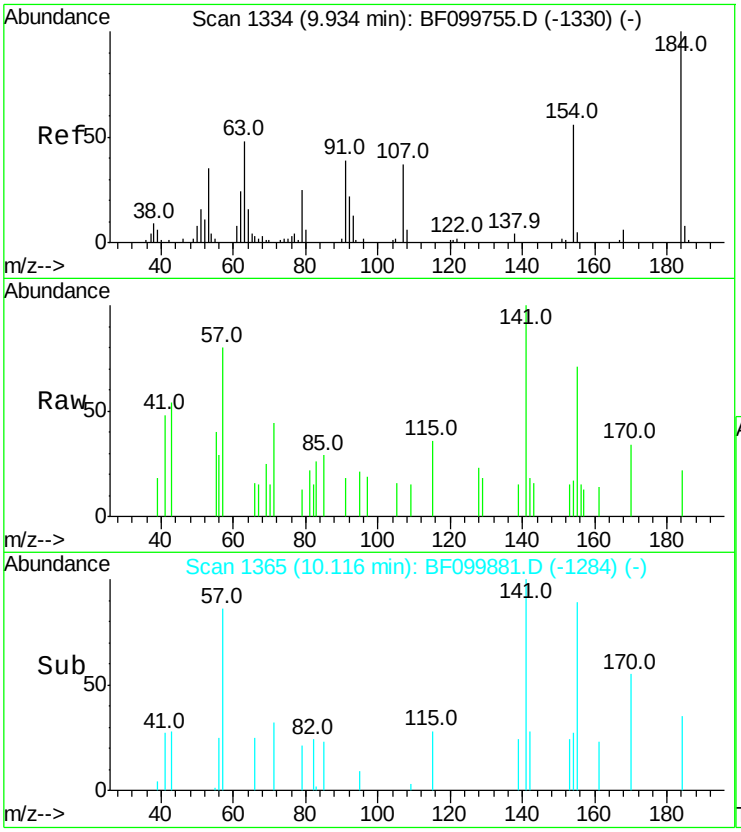


#49
Dimethylphthalate
Concen: 8.761 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:163 Resp: 119065

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2



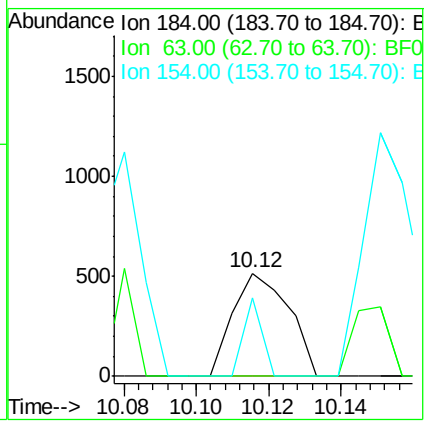


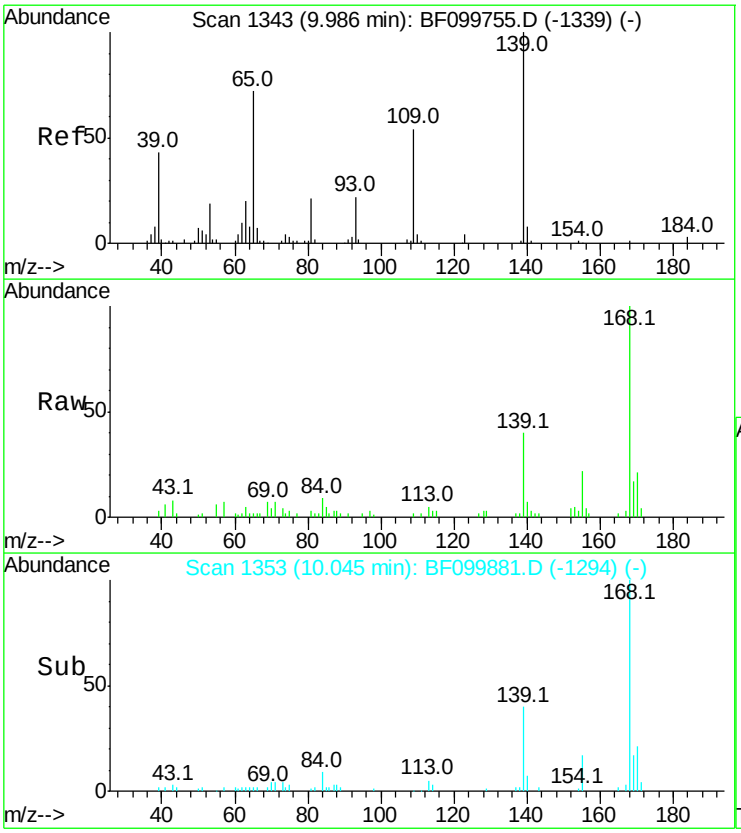
#53
2,4-Dinitrophenol
Concen: 6.215 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.18 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 552

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	76.5	53.5	80.3

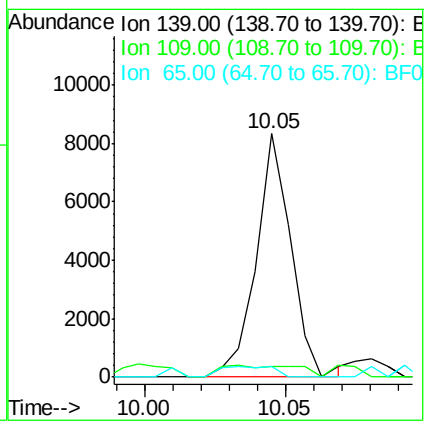


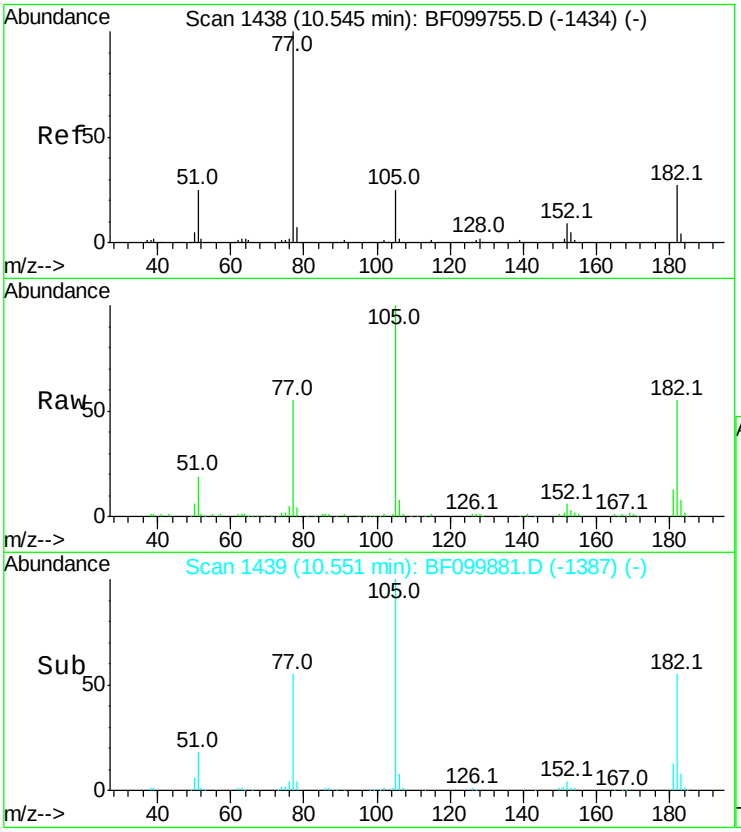


#55
4-Nitrophenol
Concen: 4.080 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.05 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:139 Resp: 7177

Ion	Ratio	Lower	Upper
139	100		
109	4.5	48.4	88.4#
65	4.5	72.6	112.6#



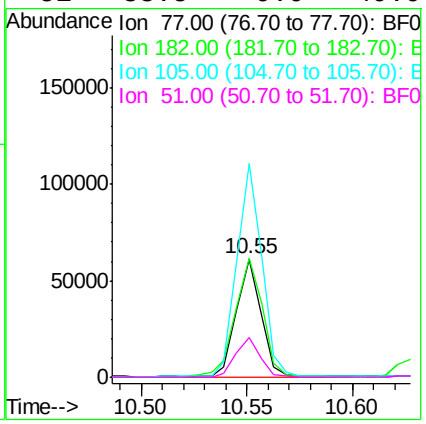


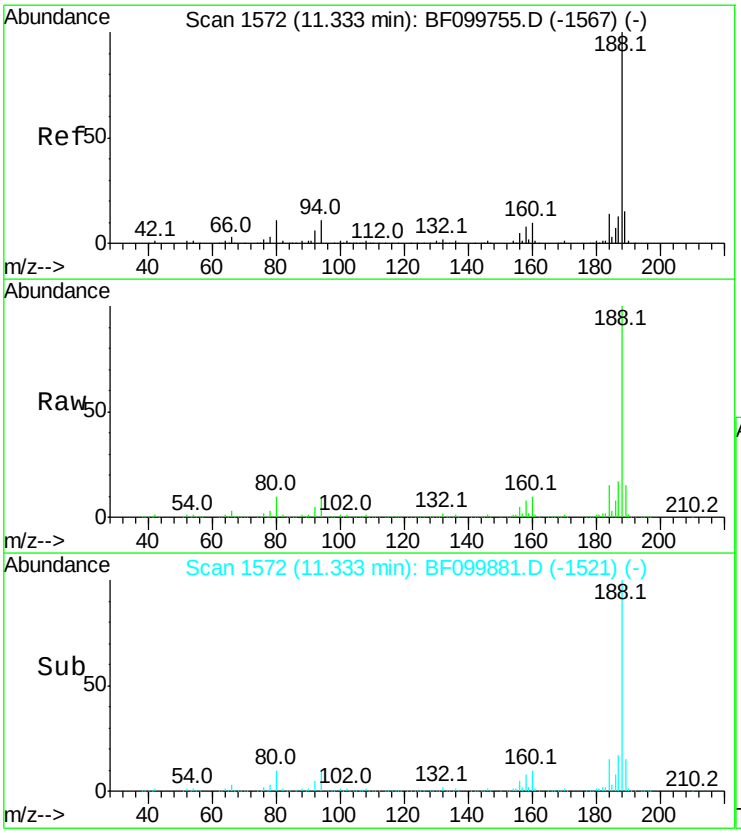
#62
Azobenzene
Concen: 4.489 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 49945

Ion	Ratio	Lower	Upper
77	100		
182	100.5	1.7	41.7#
105	181.1	3.0	43.0#
51	33.5	9.9	49.9

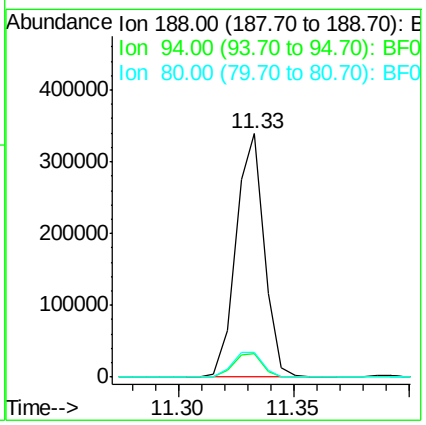


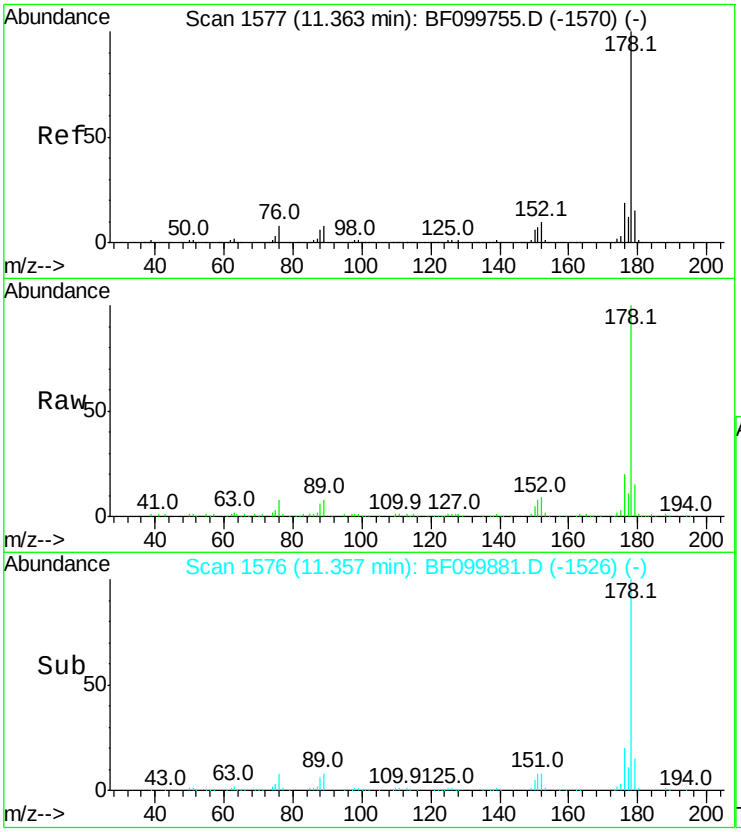


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:188 Resp: 288535

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



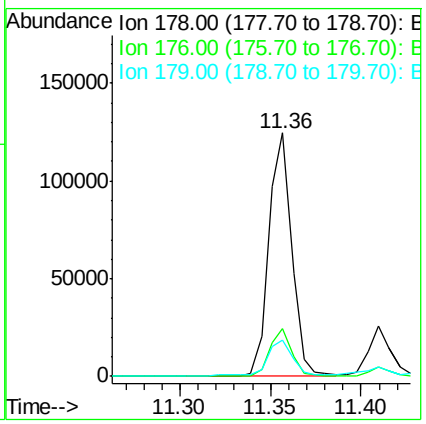


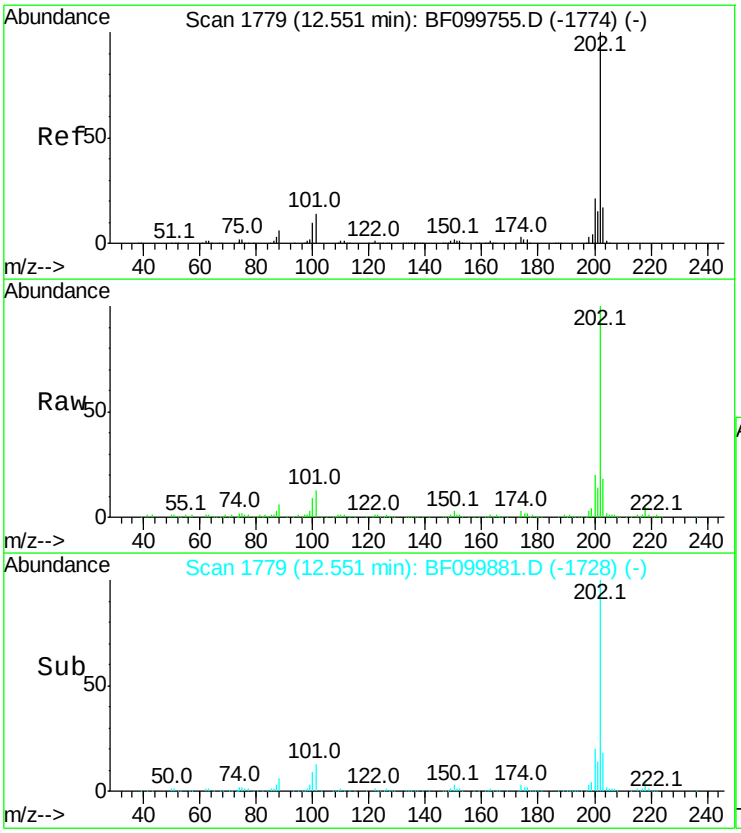
#70
Phenanthrene
Concen: 6.748 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109876

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.1	13.0	19.6

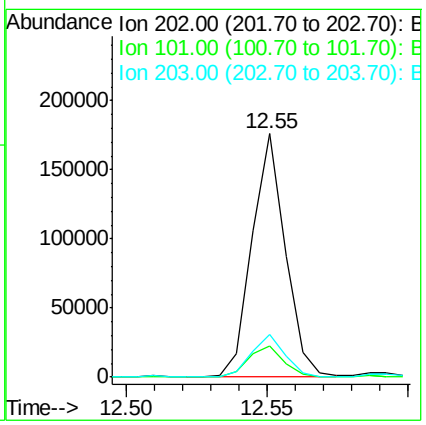


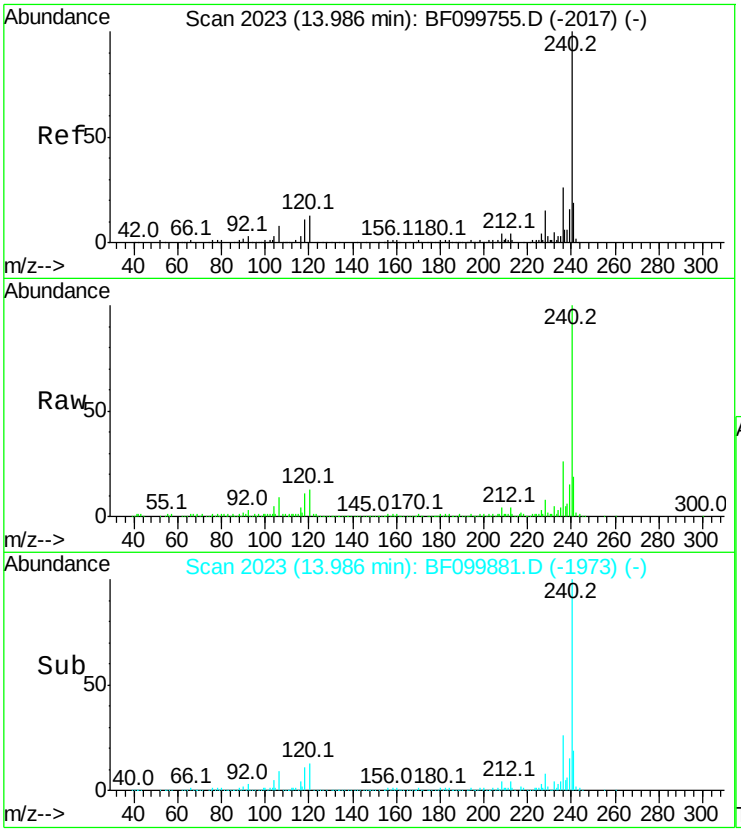


#74
Fluoranthene
Concen: 8.538 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:202 Resp: 144485

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.7	0.0	38.1



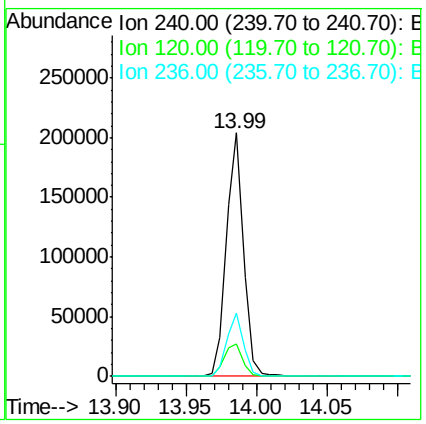


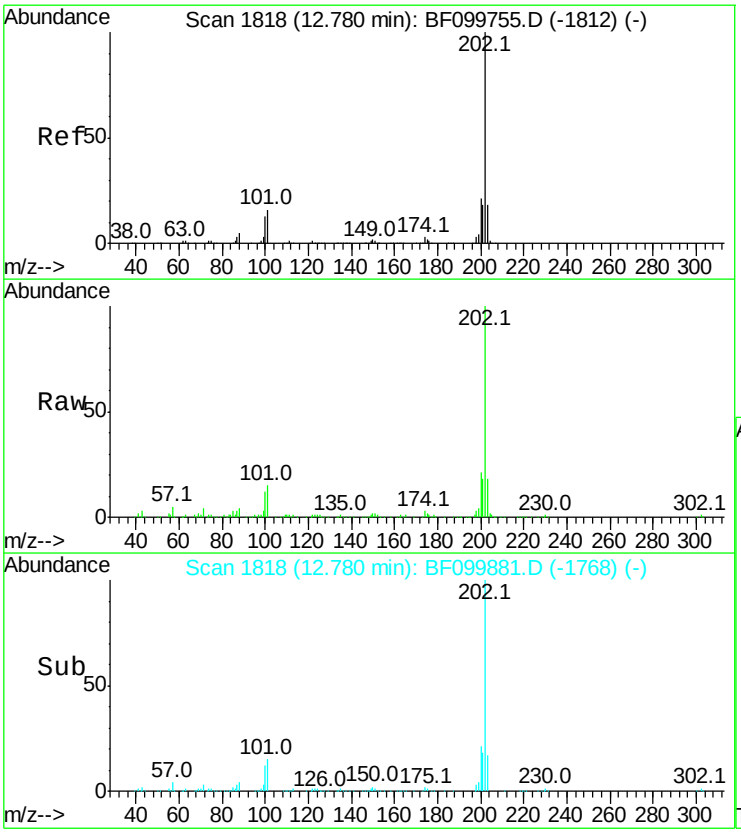
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 172279

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.7	20.7	31.1

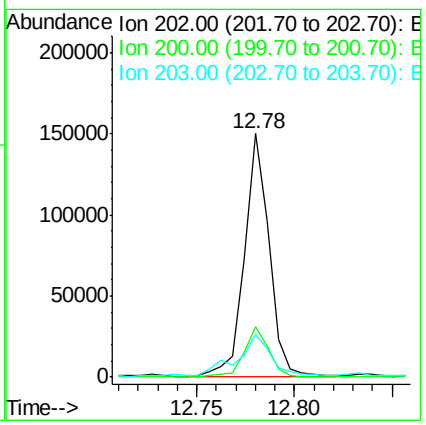


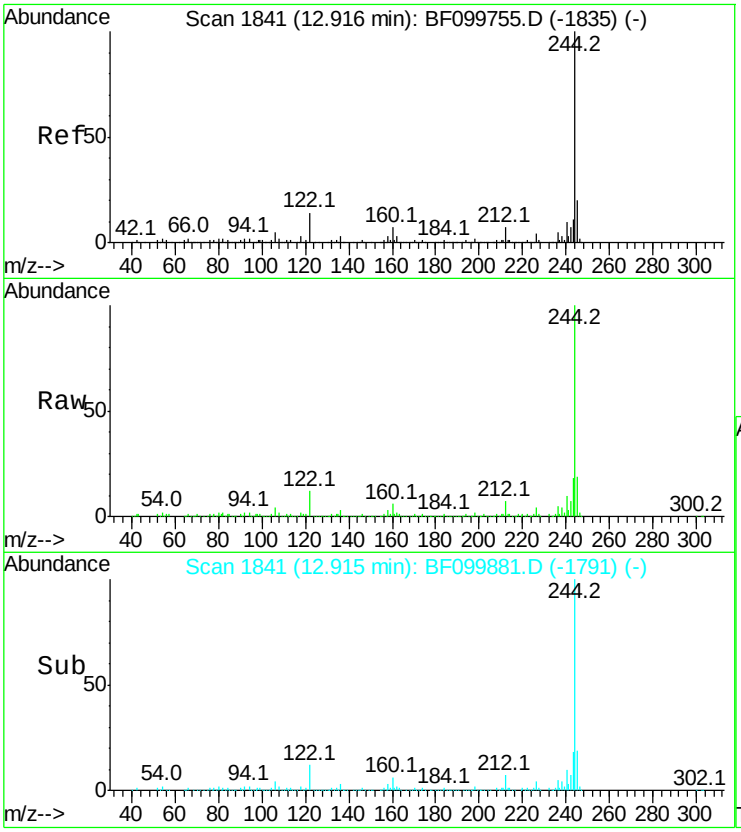


#77
Pyrene
Concen: 9.964 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:202 Resp: 130527

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



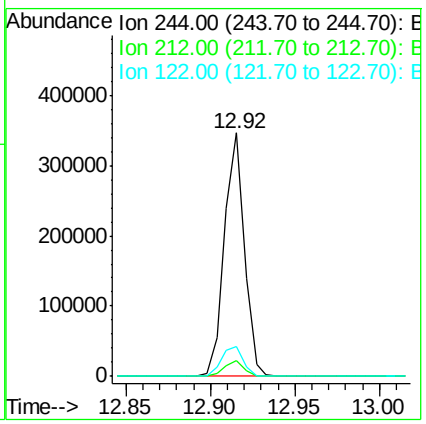


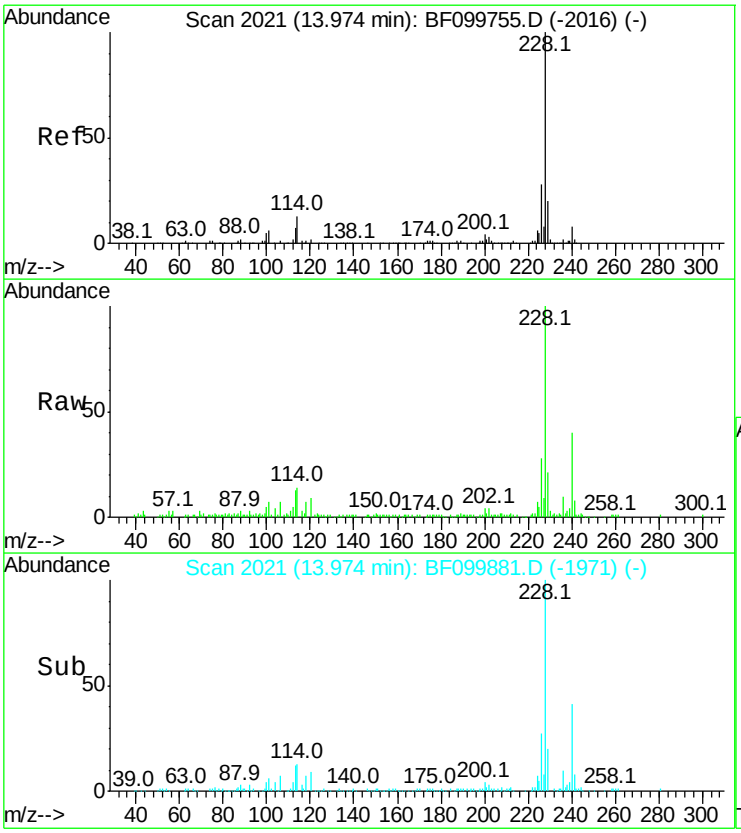
#78
Terphenyl-d14
Concen: 36.007 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 283851

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4

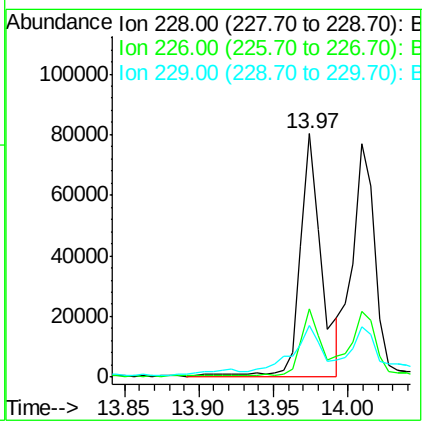


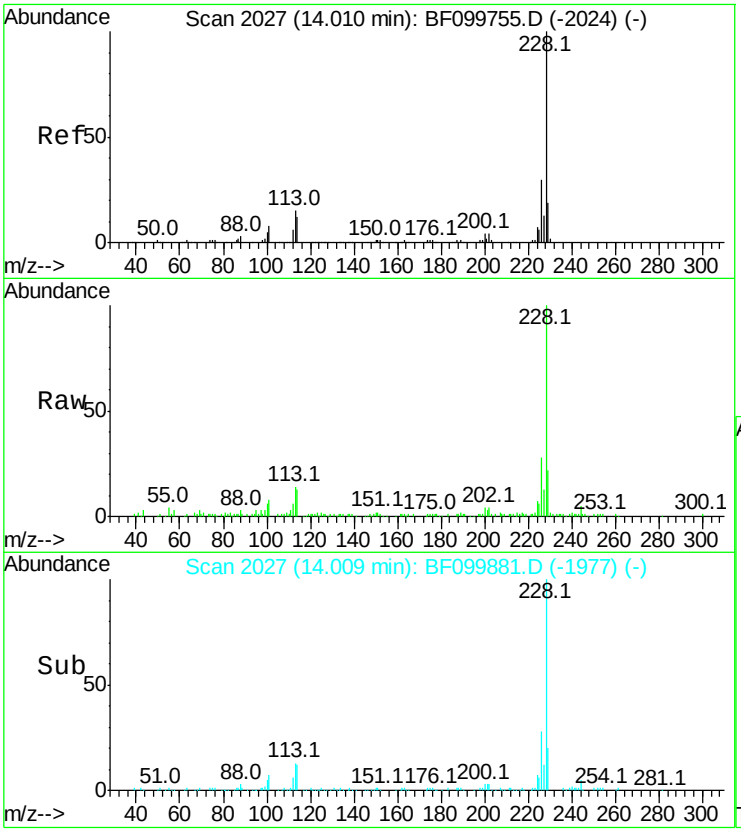


#80
Benzo(a)anthracene
Concen: 7.178 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:228 Resp: 78390

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.3	15.8	23.6



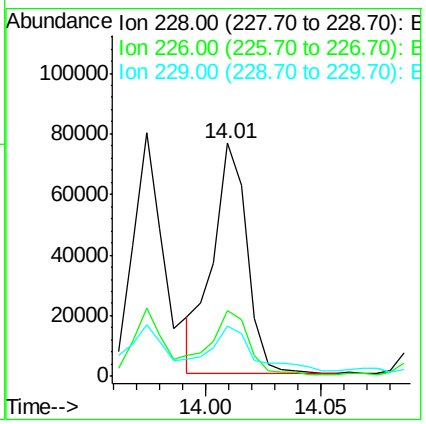


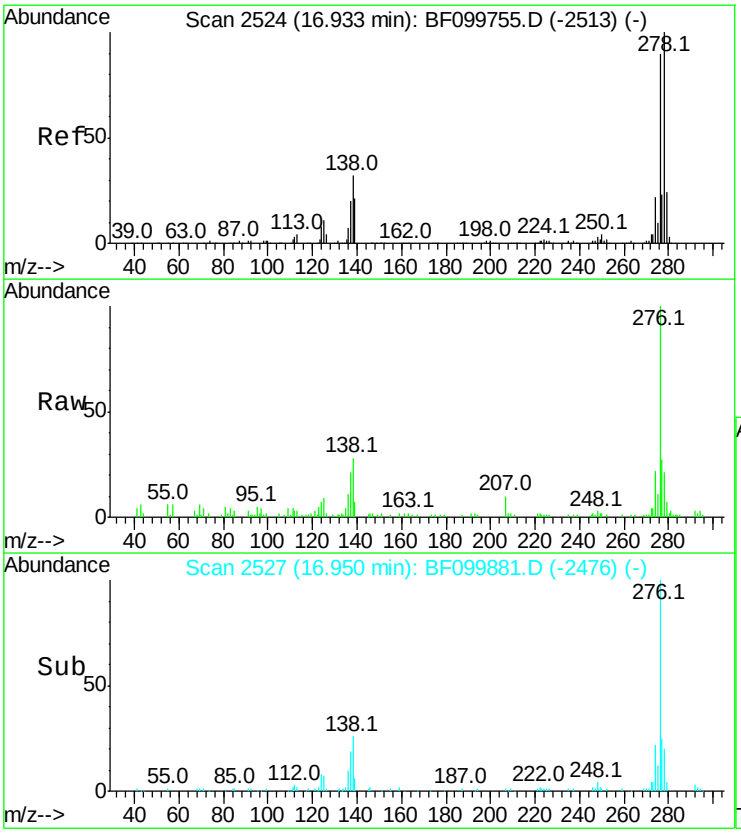
#82
Chrysene
Concen: 7.642 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 78462

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	21.7	16.2	24.4

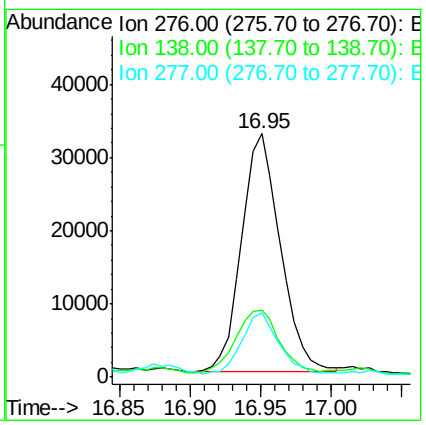


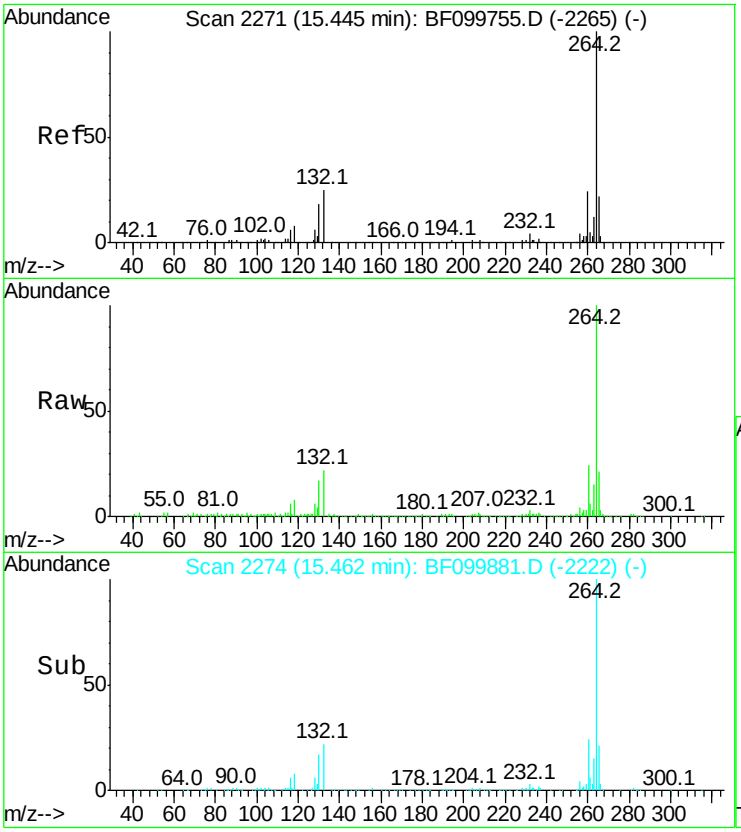


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.701 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:276 Resp: 63161

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.0	20.1	30.1



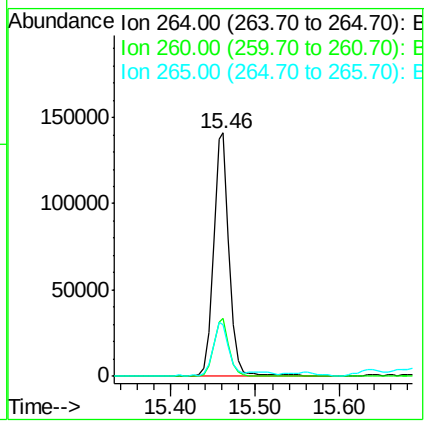


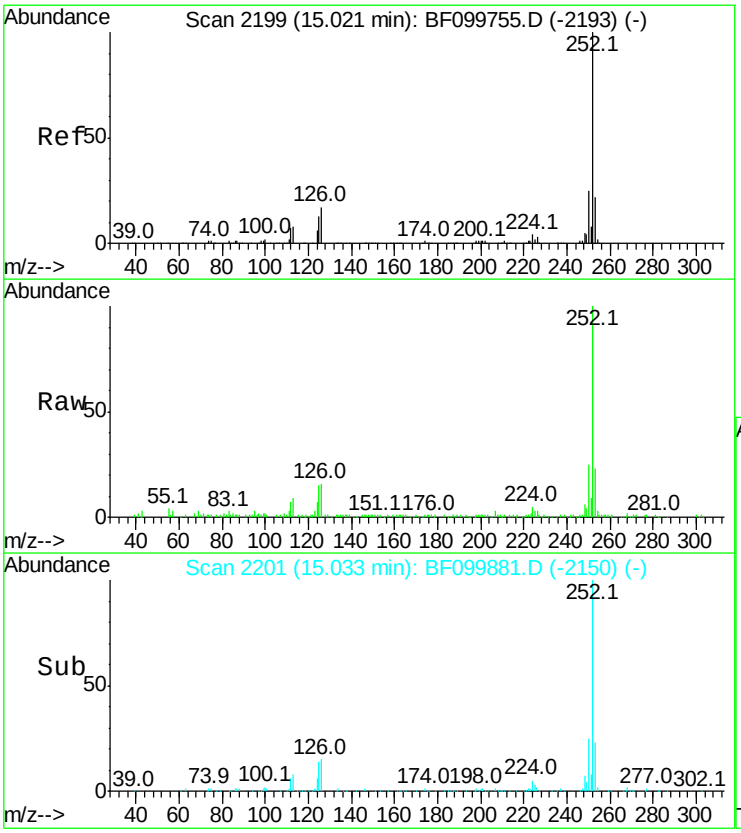
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 185049

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3

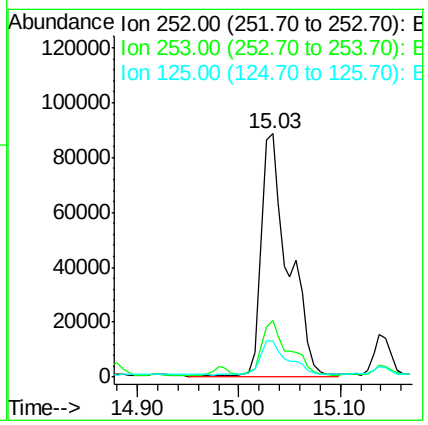


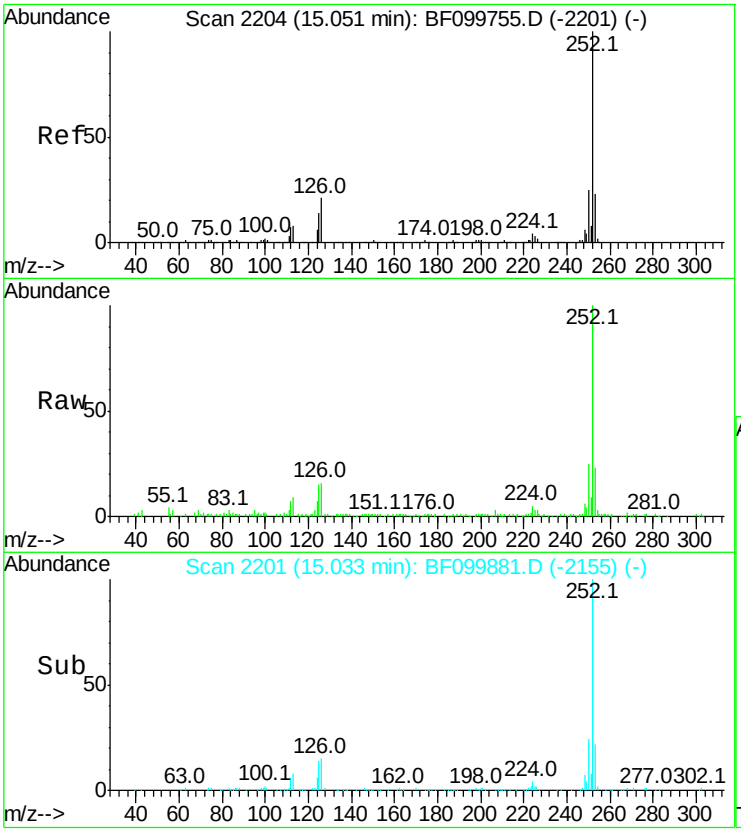


#87
Benzo(b)fluoranthene
Concen: 14.237 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:252 Resp: 166360

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	14.7	9.0	13.6#



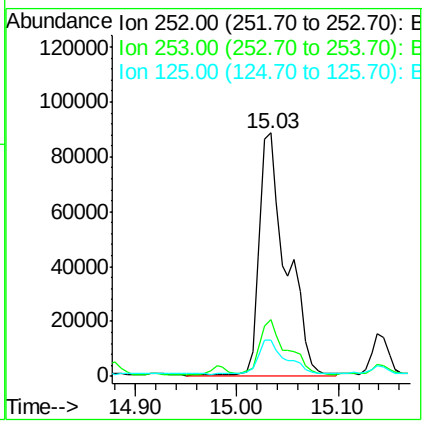


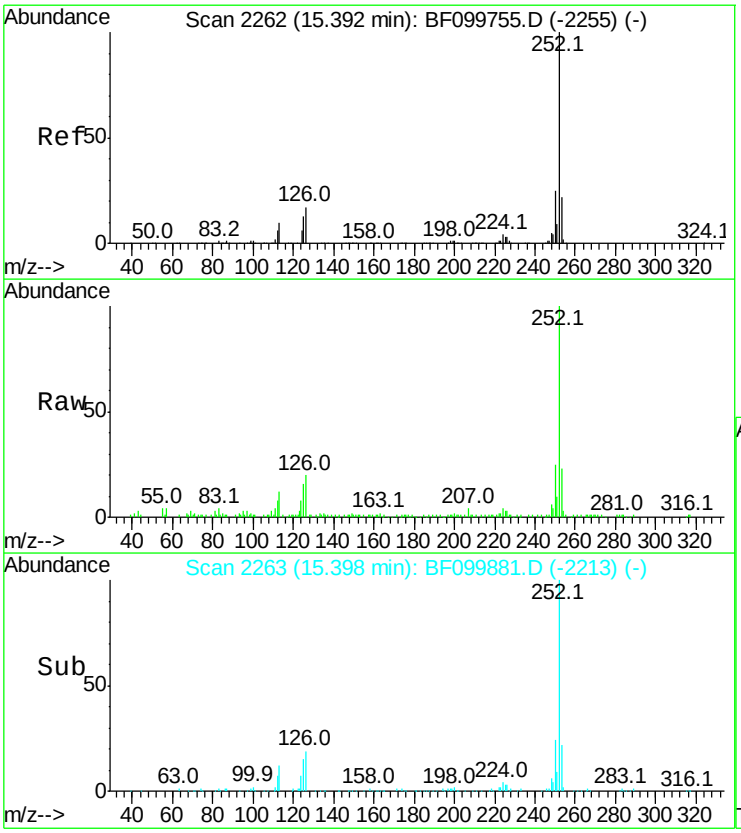
#88
Benzo(k)fluoranthene
Concen: 15.098 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 166360

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.7	10.2	15.2

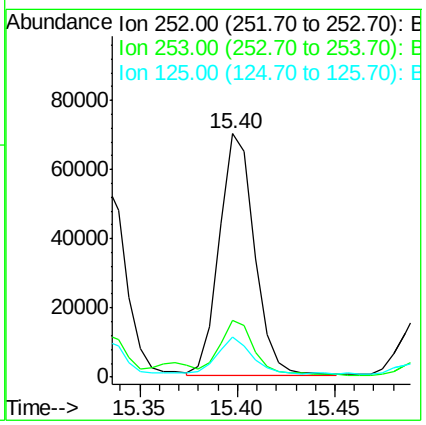


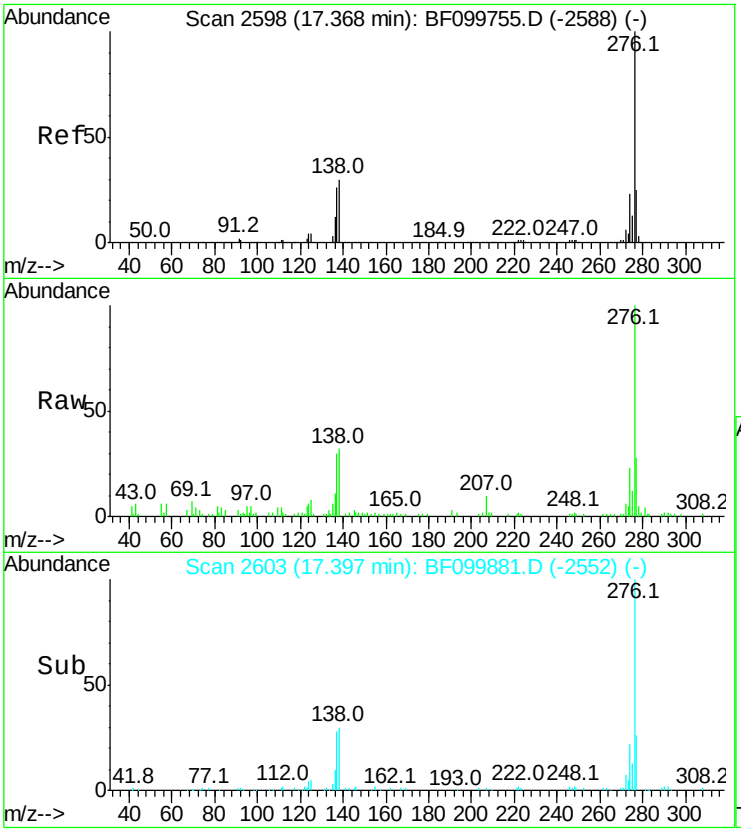


#89
Benzo(a)pyrene
Concen: 8.362 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Tgt Ion:252 Resp: 87771

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.316 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF099881.D
Acq: 27 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 66760

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	32.2	21.8	32.8