Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099572.D
Acq On : 17 Oct 2017 4:14
Operator : SJ/JU
Sample : I5821-05RE 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 05:24:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99808	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	395234	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	162476	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	235728	20.00	ng		0.00
75) Chrysene-d12	14.02	240	182180	20.00	ng		0.00
86) Perylene-d12	15.49	264	194752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	150502	24.00	ng		0.00
7) Phenol-d6	6.47	99	179443	23.20	ng		-0.01
23) Nitrobenzene-d5	7.40	82	101376	16.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	25391	19.10	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	212164	21.80	ng		-0.01
78) Terphenyl-d14	12.95	244	127763	15.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	12439	2.52	ng	#	76
25) Isophorone	7.40	82	101375	7.96	ng	#	64
31) Naphthalene	8.15	128	89264	4.81	ng		99
37) 2-Methylnaphthalene	8.84	142	36054	2.99	ng		97
50) 2,6-Dinitrotoluene	9.88	165	22437	8.40	ng	#	25
51) Acenaphthene	9.91	154	54291	5.34	ng		99
54) Dibenzofuran	10.09	168	57469	4.25	ng		97
55) 4-Nitrophenol	10.09	139	20709	7.87	ng	#	9
57) Fluorene	10.43	166	49643	4.56	ng		99
70) Phenanthrene	11.40	178	618138	48.99	ng		99
71) Anthracene	11.45	178	112320	8.70	ng		98
72) Carbazole	11.60	167	56471	4.47	ng		99
74) Fluoranthene	12.59	202	495175	38.76	ng		98
77) Pyrene	12.82	202	443781	31.95	ng		99
80) Benzo(a)anthracene	14.00	228	196838	17.84	ng		99
82) Chrysene	14.04	228	177741	16.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	75254	8.96	ng		98
87) Benzo(b)fluoranthene	15.06	252	289720	24.20	ng	#	94
88) Benzo(k)fluoranthene	15.06	252	289720	24.50	ng	#	97
89) Benzo(a)pyrene	15.43	252	155676	14.16	ng		97
91) Benzo(g,h,i)perylene	17.42	276	70011	8.05	ng		99

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

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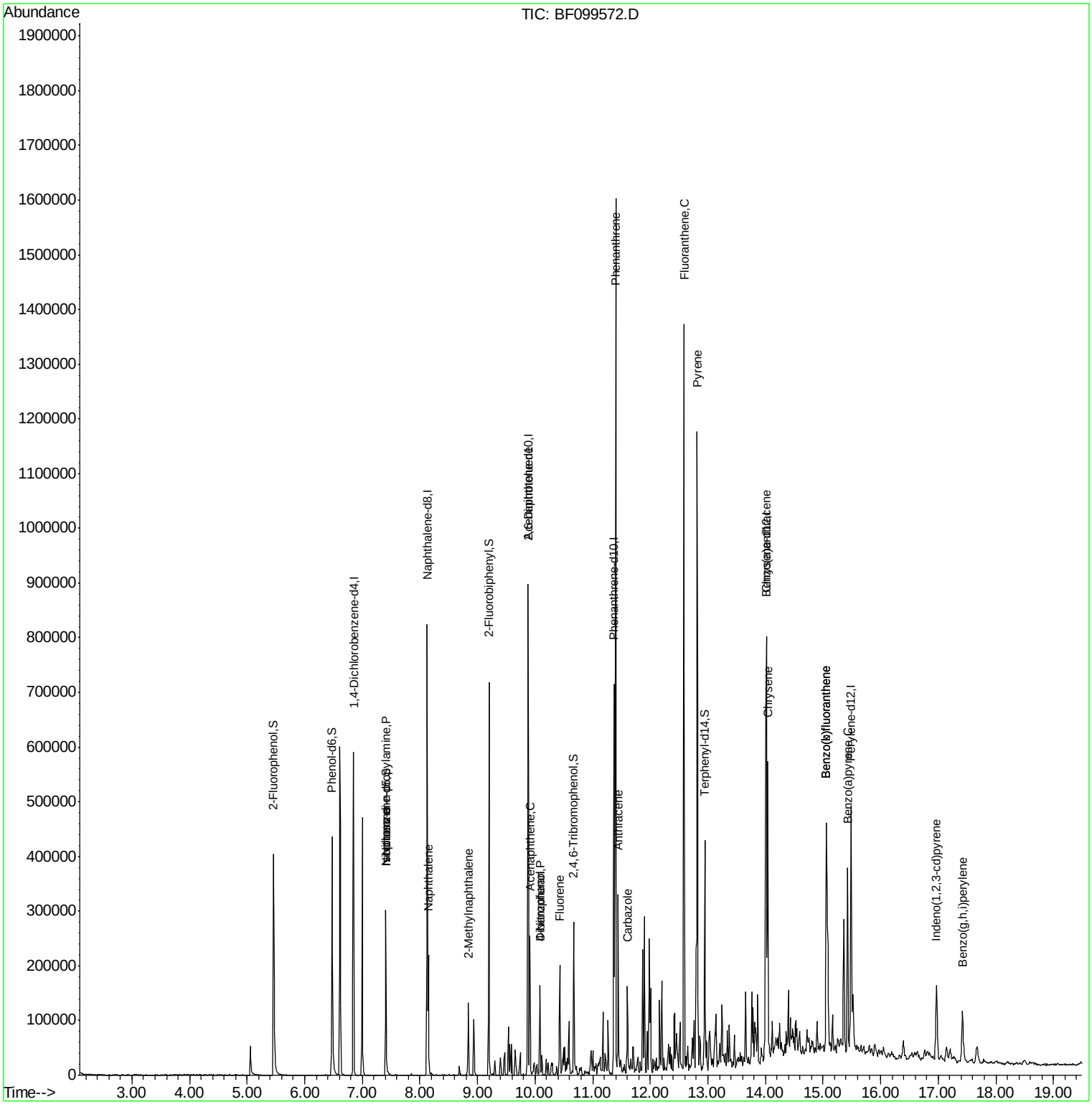
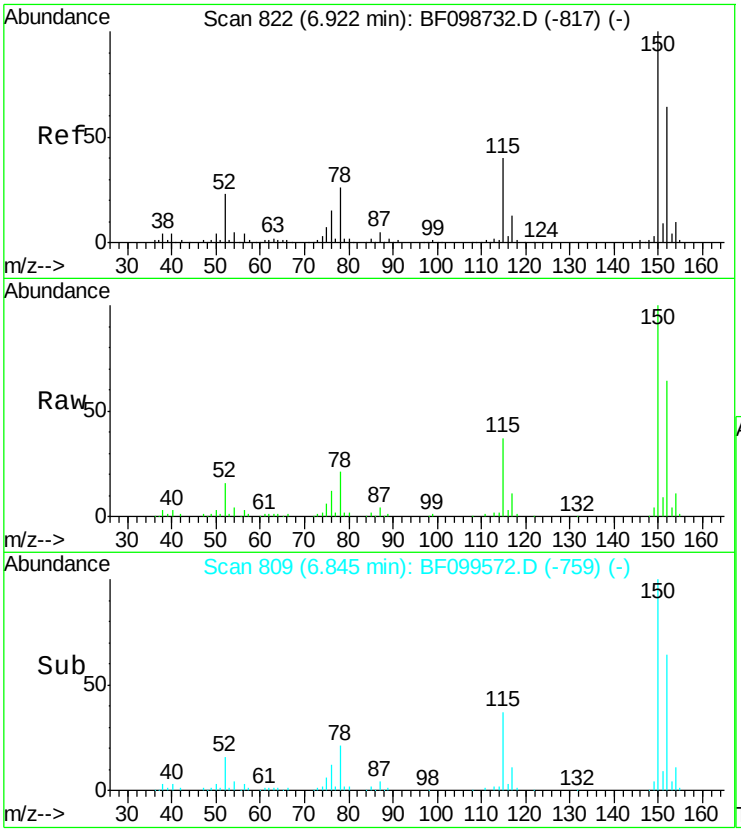


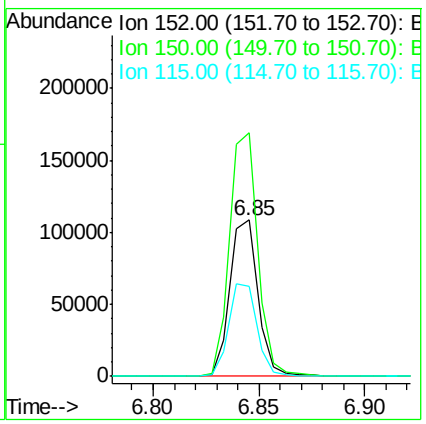


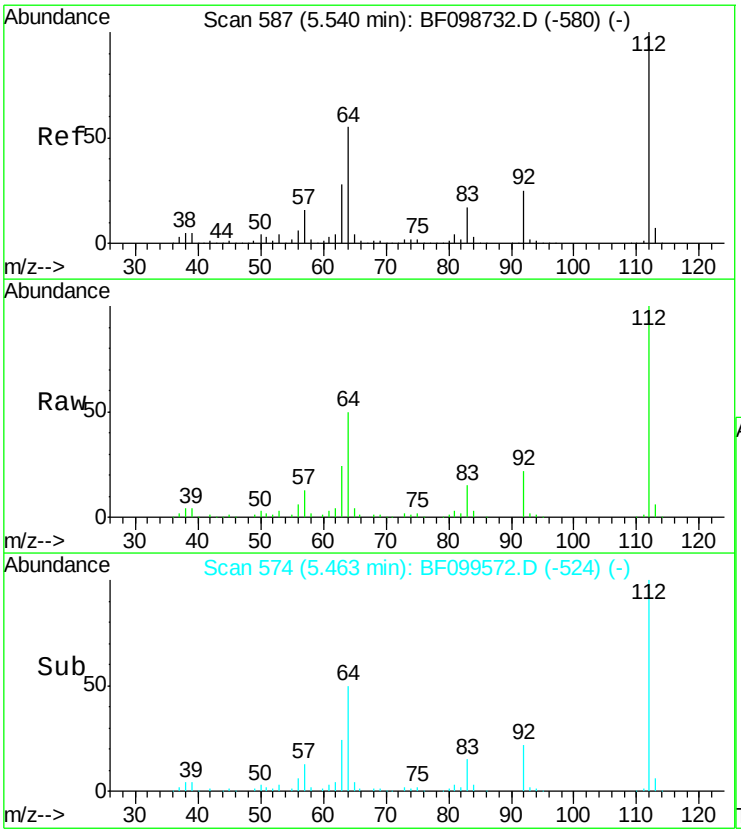
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99808

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.2	50.1	75.1

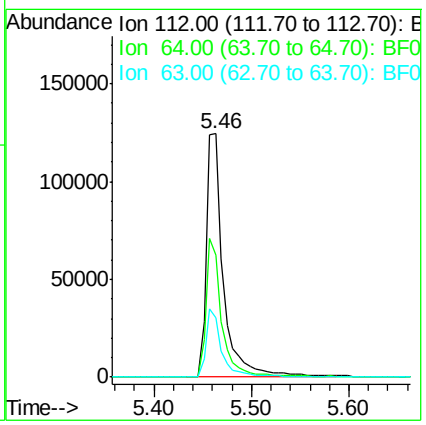


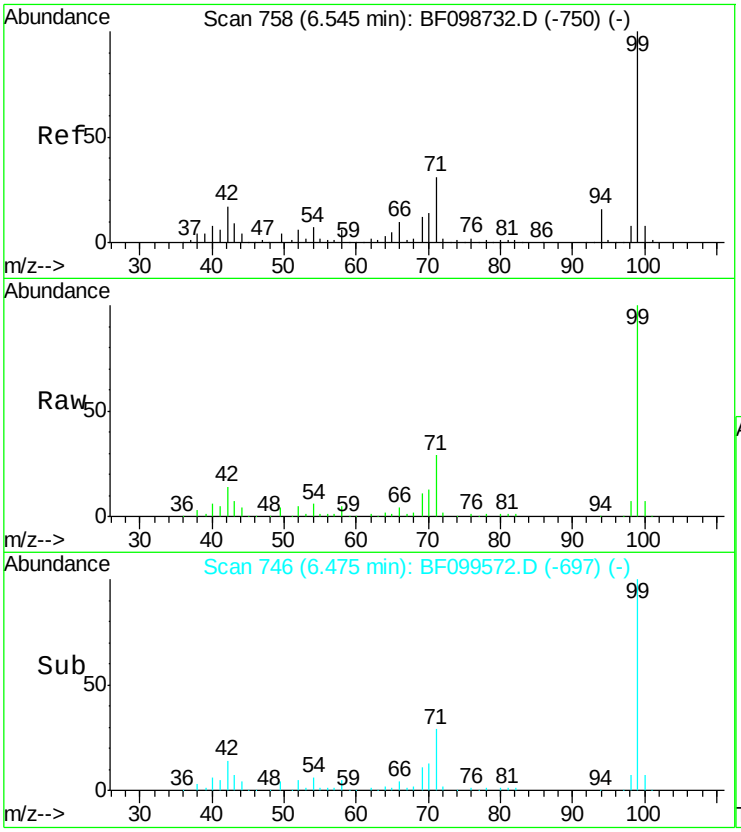


#5
2-Fluorophenol
Concen: 24.00 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:112 Resp: 150502

Ion	Ratio	Lower	Upper
112	100		
64	50.0	47.9	71.9
63	24.2	23.7	35.5



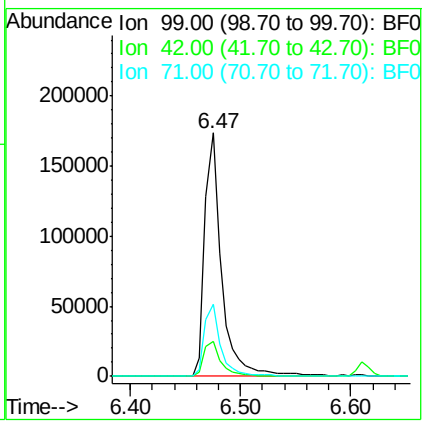


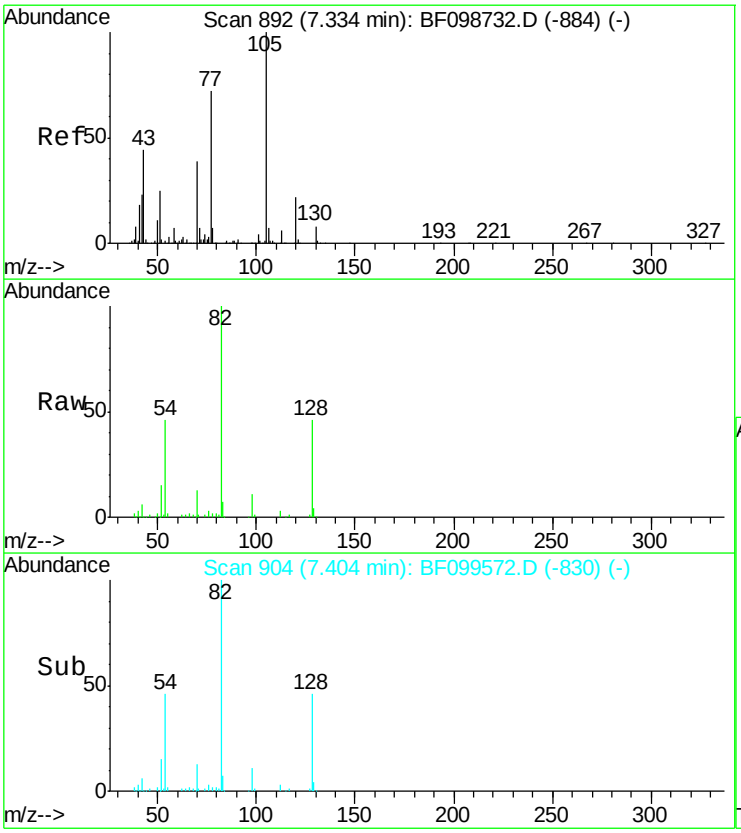
#7
Phenol-d6
Concen: 23.20 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 179443

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.4	25.4	38.0

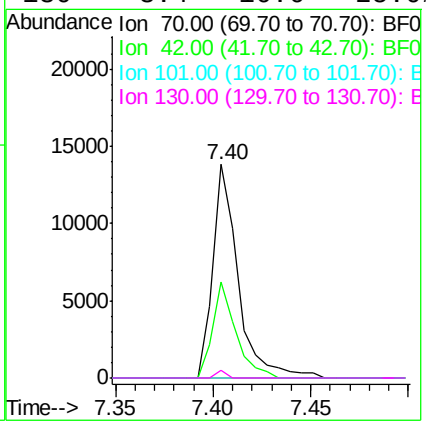


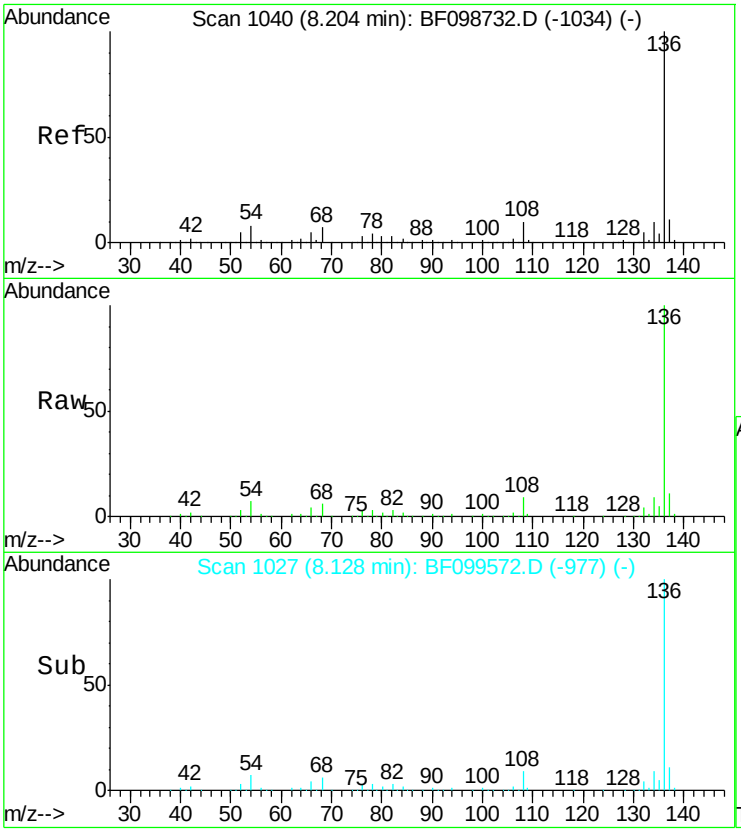


#19
n-Nitroso-di-n-propylamine
Concen: 2.52 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion: 70 Resp: 12439

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.5	71.3#
101	0.0	7.4	11.2#
130	3.4	16.6	25.0#



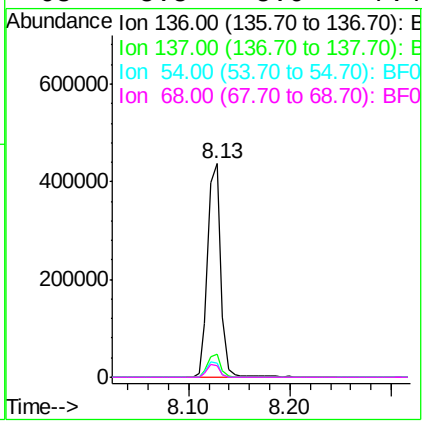


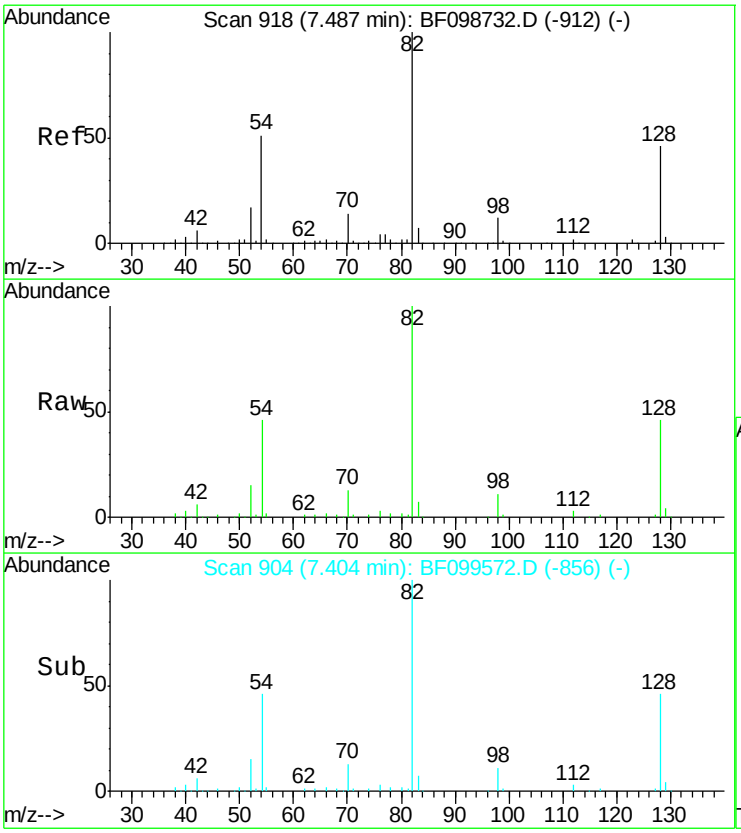
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 395234

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4

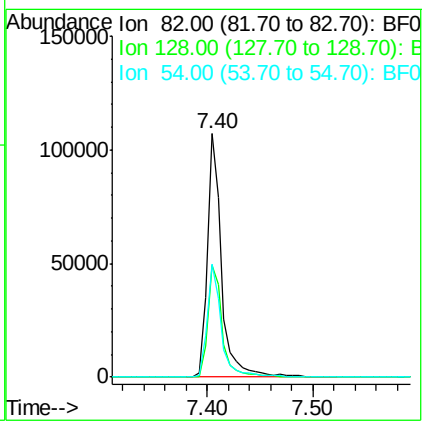


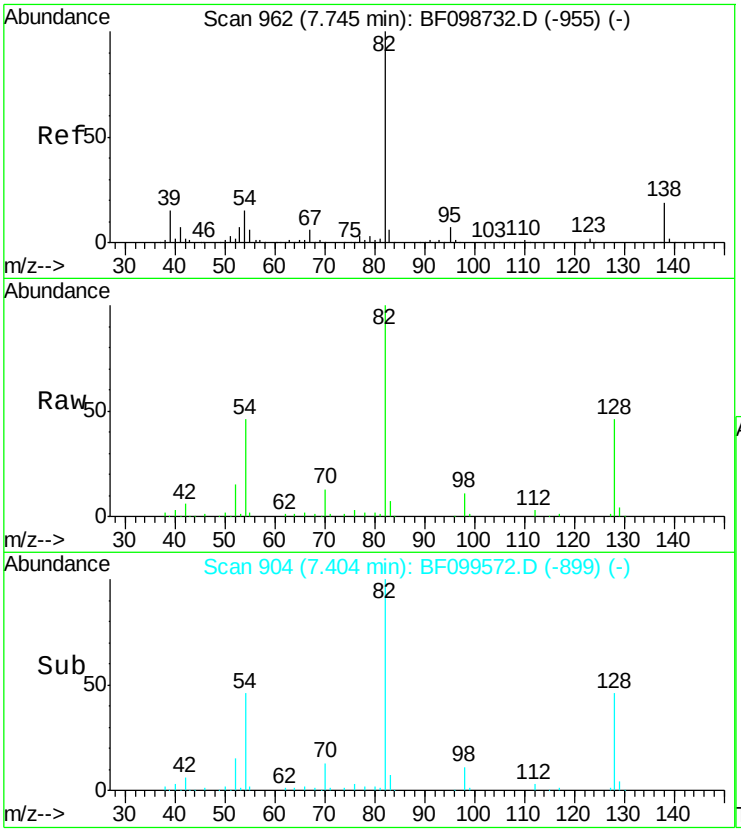


#23
Nitrobenzene-d5
Concen: 16.45 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion: 82 Resp: 101376

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	46.3	41.4	62.2

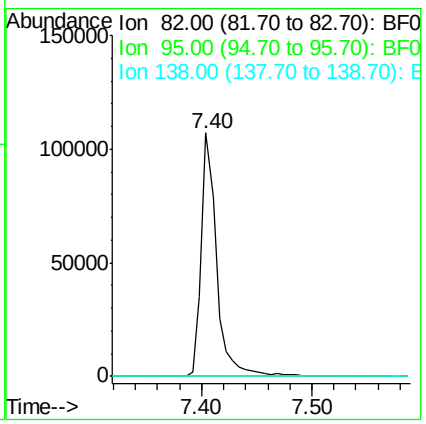




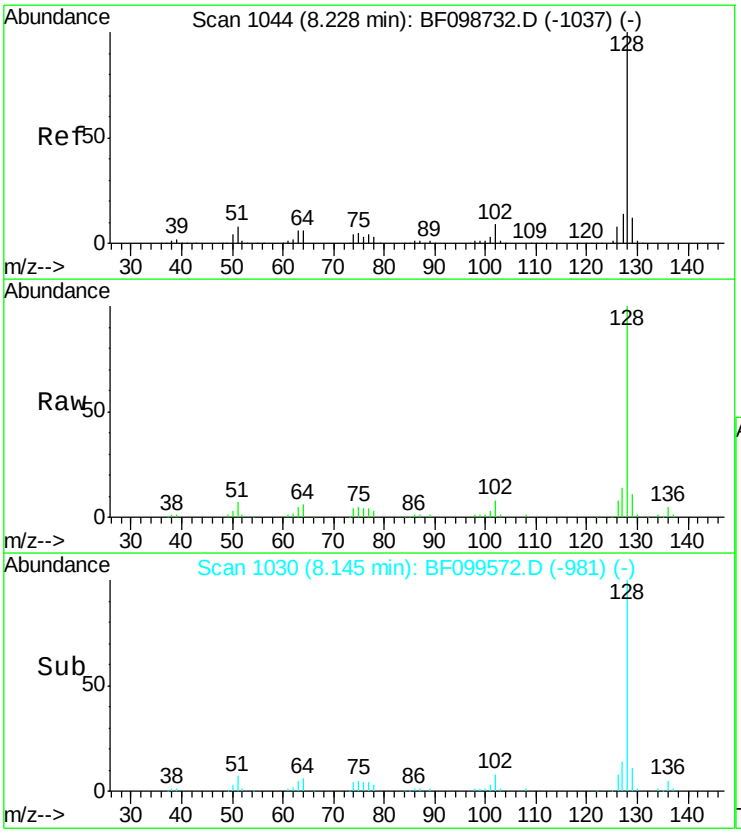
#25
Isophorone
Concen: 7.96 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion: 82 Resp: 101375

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



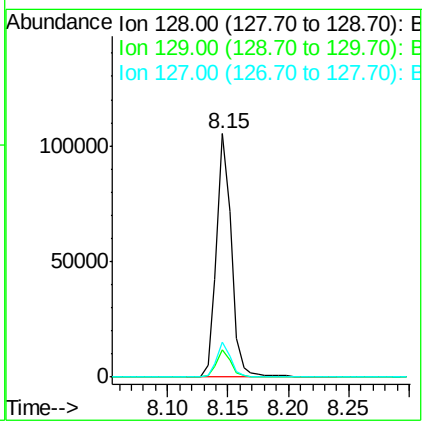
Instrument :
BNA_F
ClientSampleId :

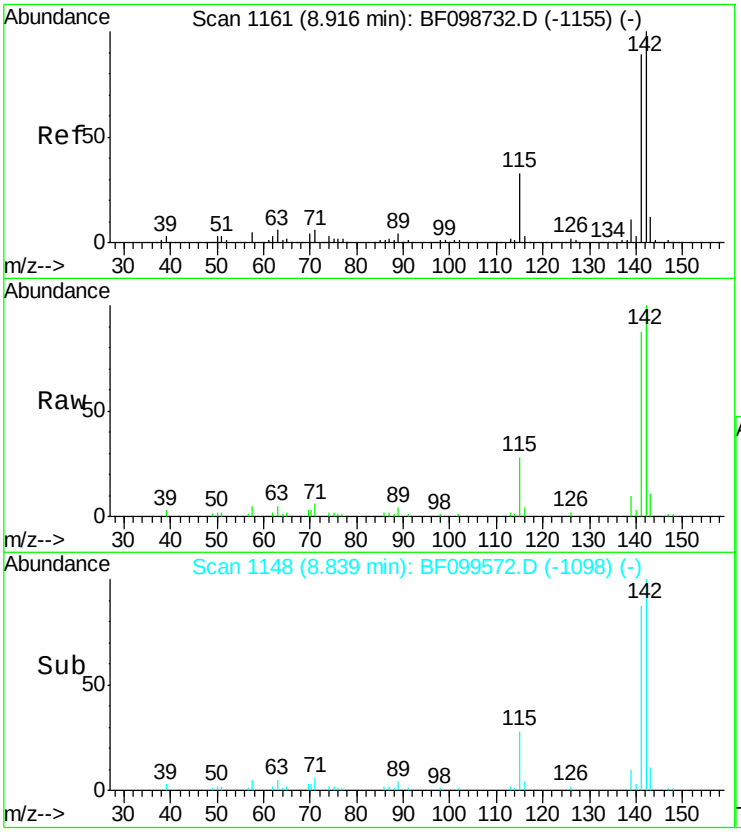


#31
Naphthalene
Concen: 4.81 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:128 Resp: 89264

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.2	10.9	16.3



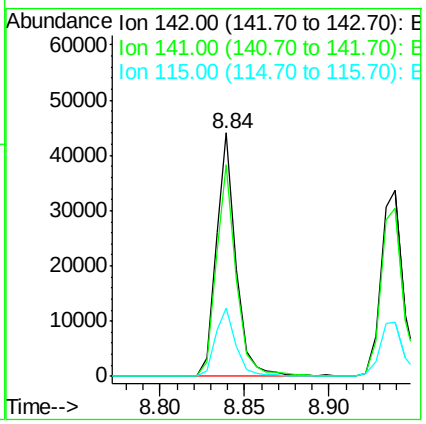


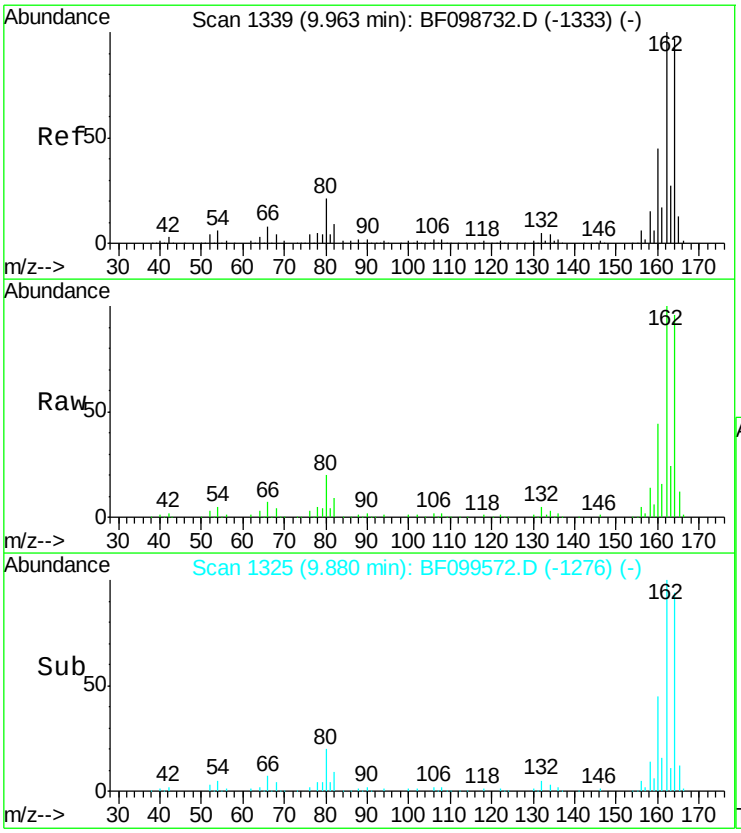
#37
2-Methylnaphthalene
Concen: 2.99 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 36054

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	28.2	26.1	39.1

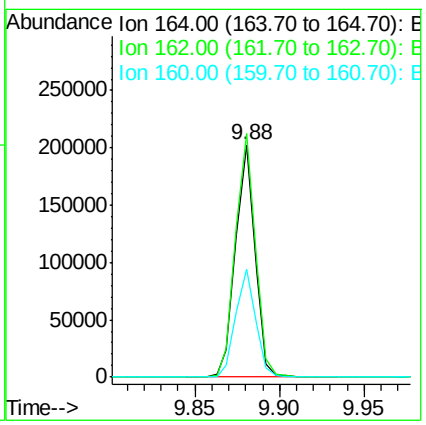


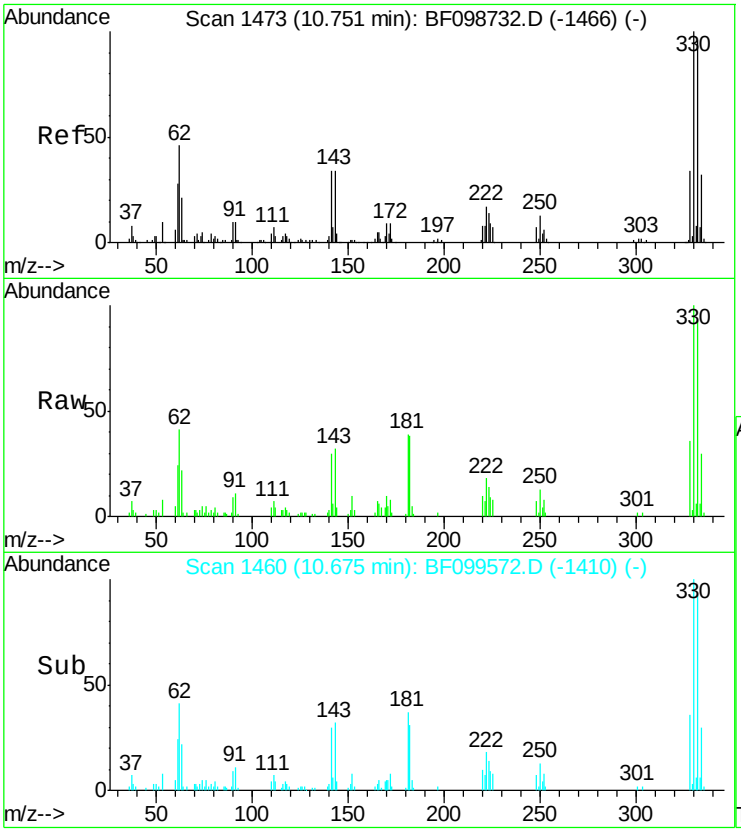


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:164 Resp: 162476

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.6	38.3	57.5



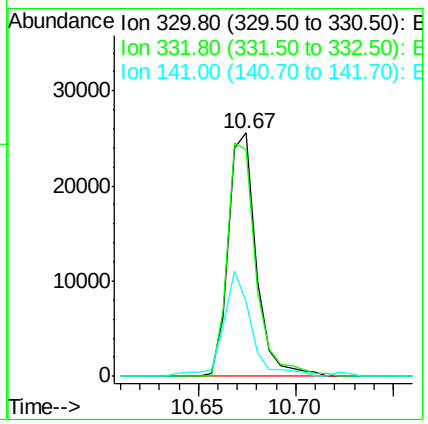


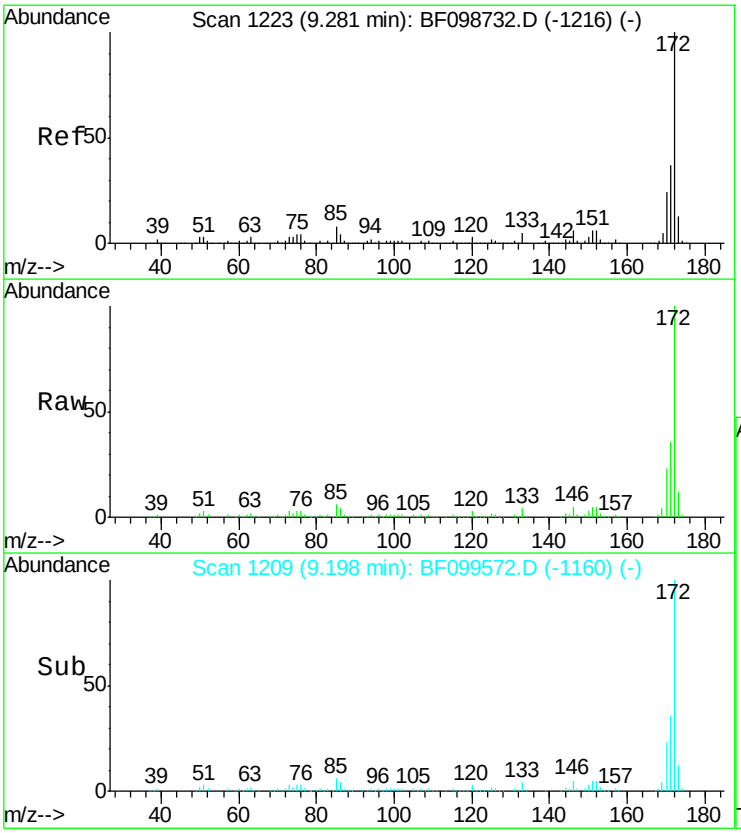
#41
2,4,6-Tribromophenol
Concen: 19.10 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25391

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	43.1	29.9	44.9

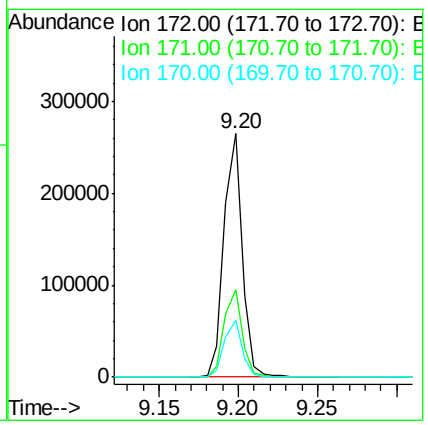


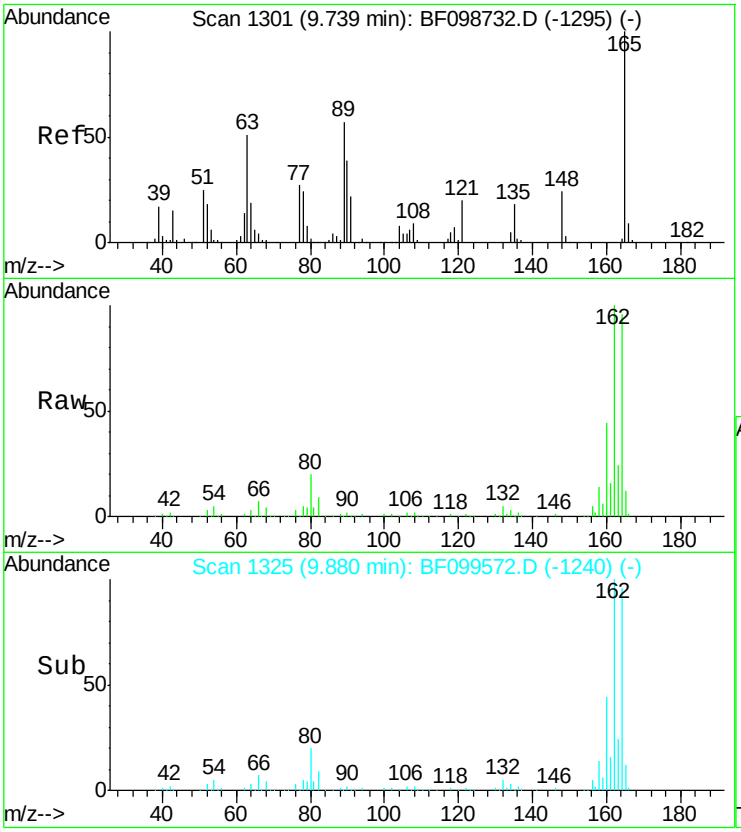


#44
2-Fluorobiphenyl
Concen: 21.80 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:172 Resp: 212164

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4



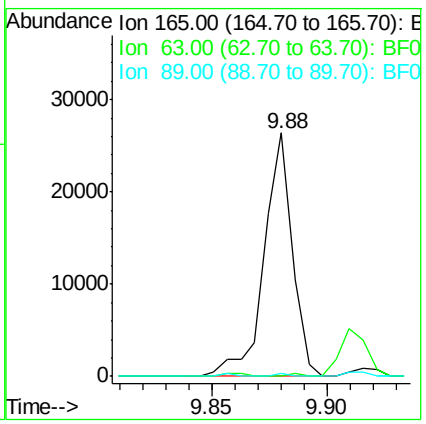


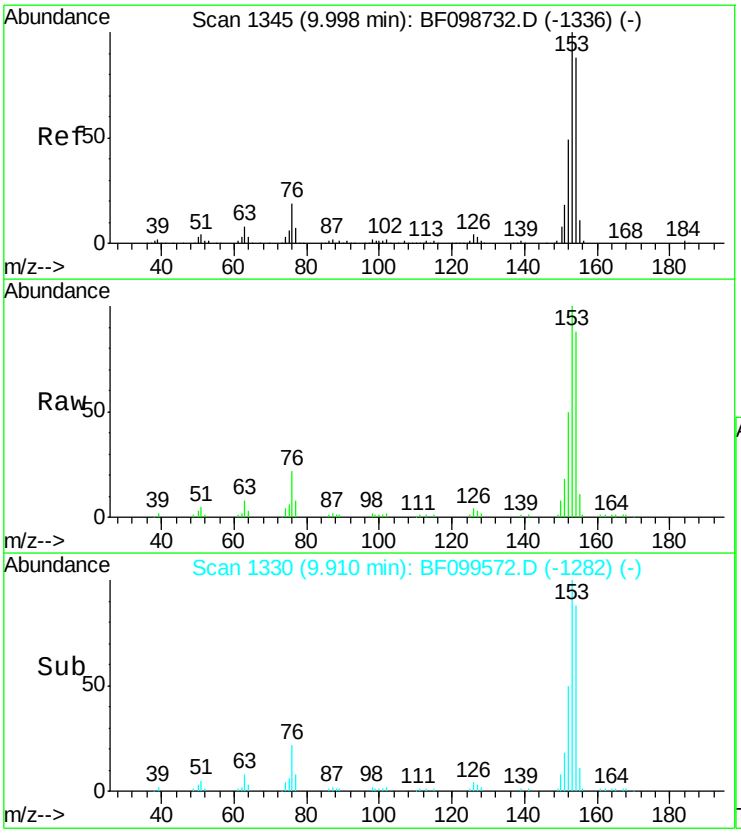
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22437

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#

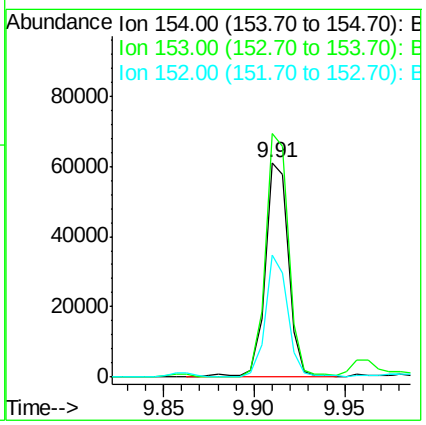


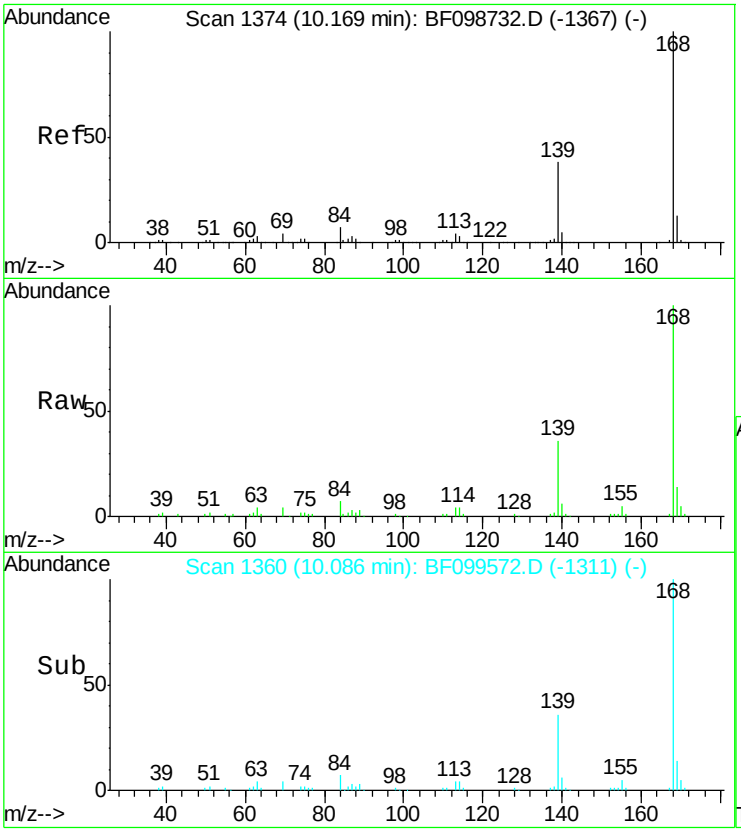


#51
Acenaphthene
Concen: 5.34 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:154 Resp: 54291

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	57.0	43.8	65.8



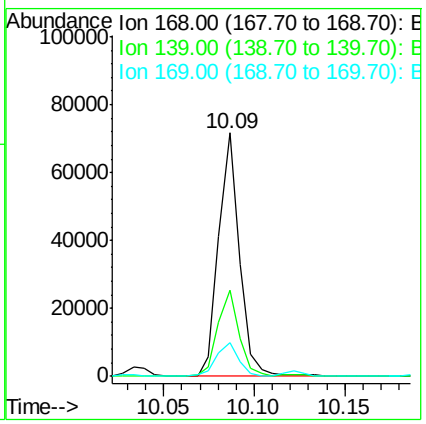


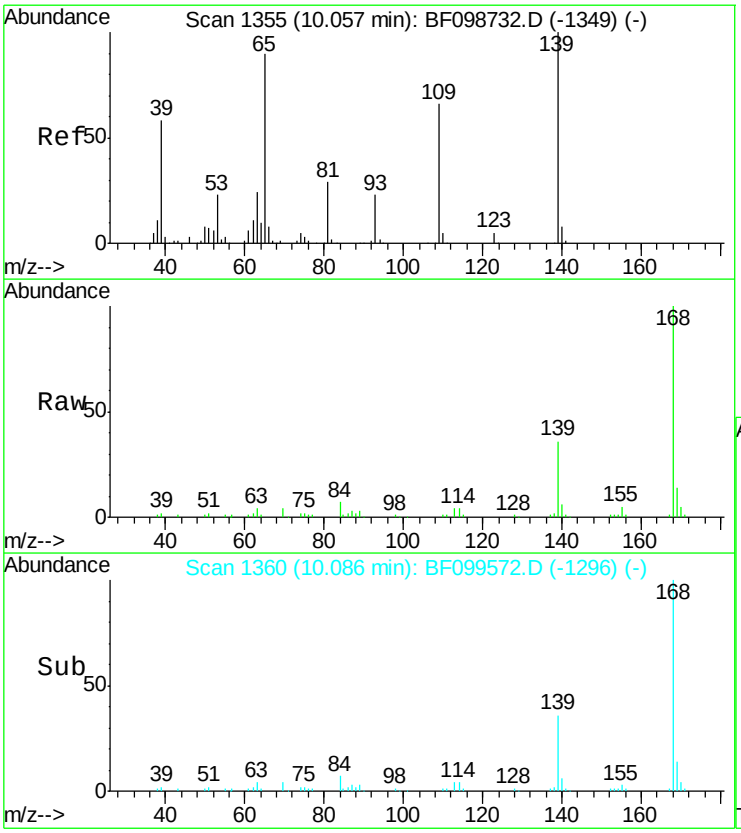
#54
Dibenzofuran
Concen: 4.25 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 57469

Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	14.1	10.9	16.3

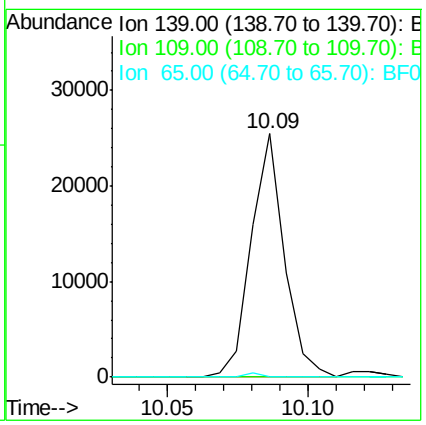


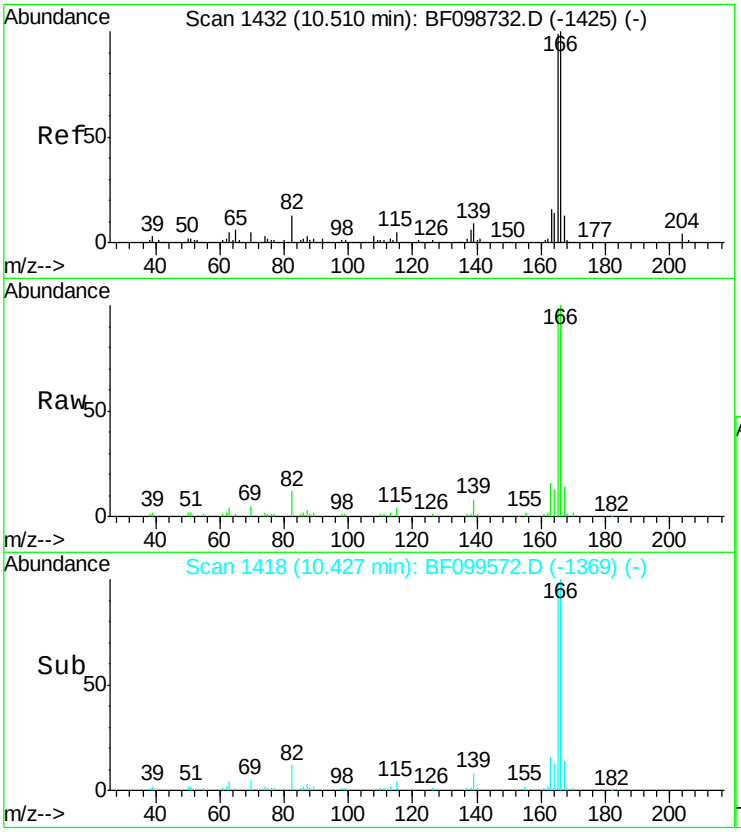


#55
4-Nitrophenol
Concen: 7.87 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:139 Resp: 20709

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



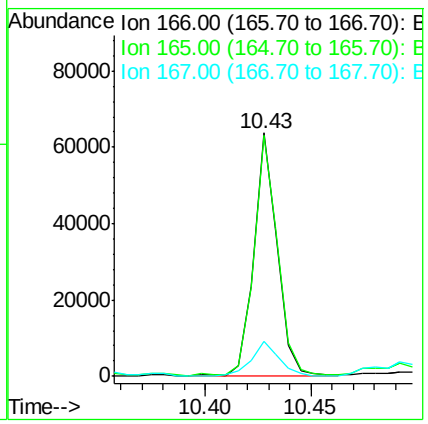


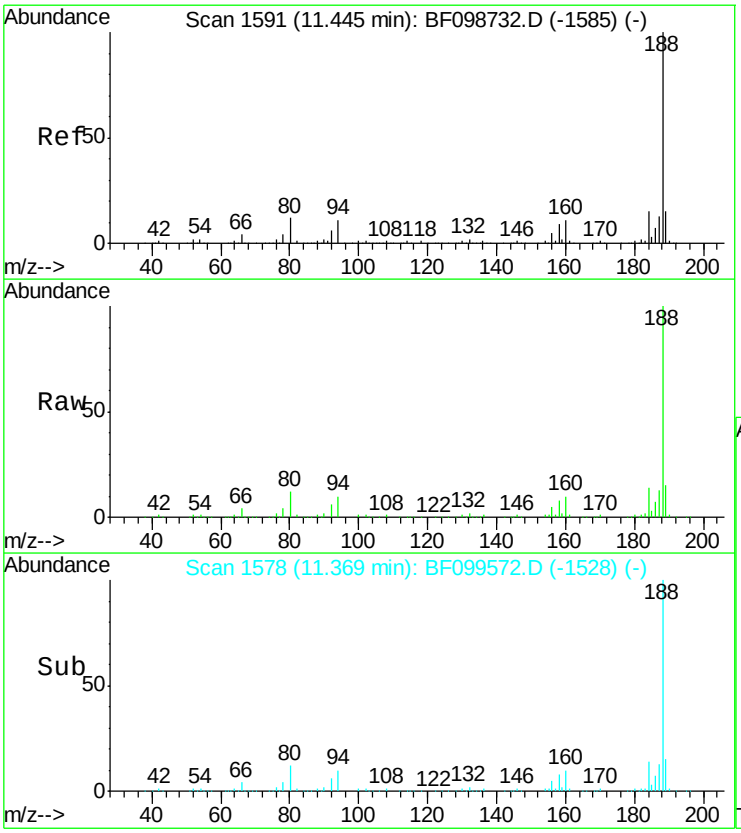
#57
Fluorene
Concen: 4.56 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 49643

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	14.2	10.6	16.0

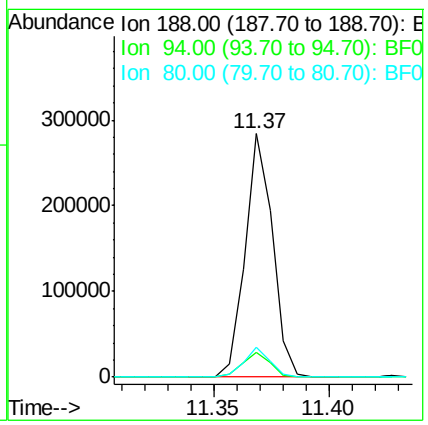


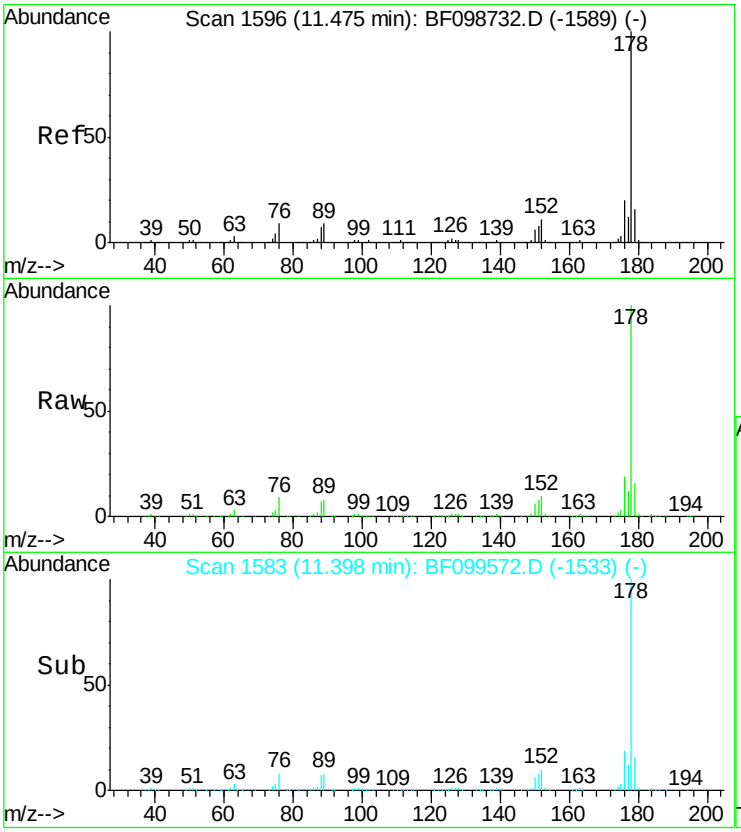


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:188 Resp: 235728

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	12.2	9.2	13.8



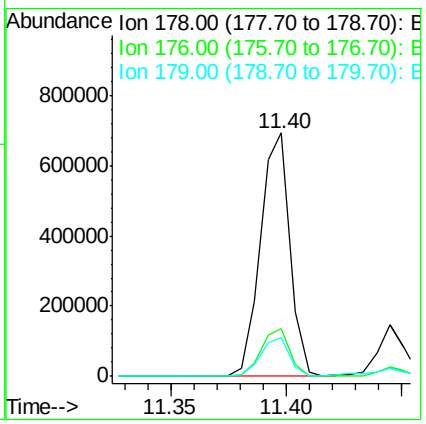


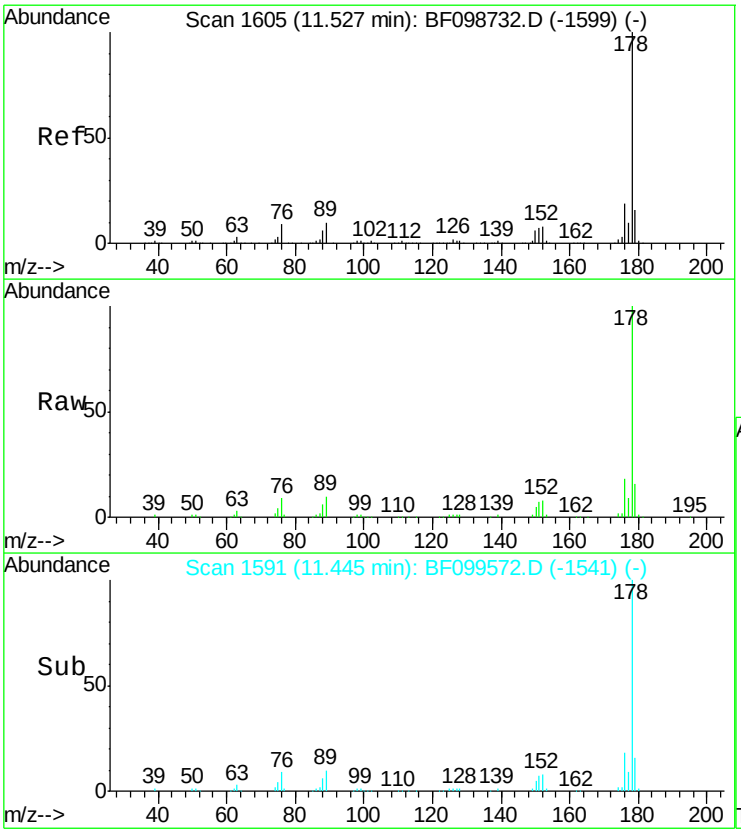
#70
Phenanthrene
Concen: 48.99 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 618138

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6

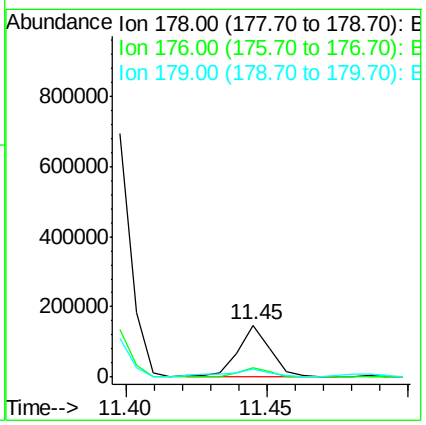


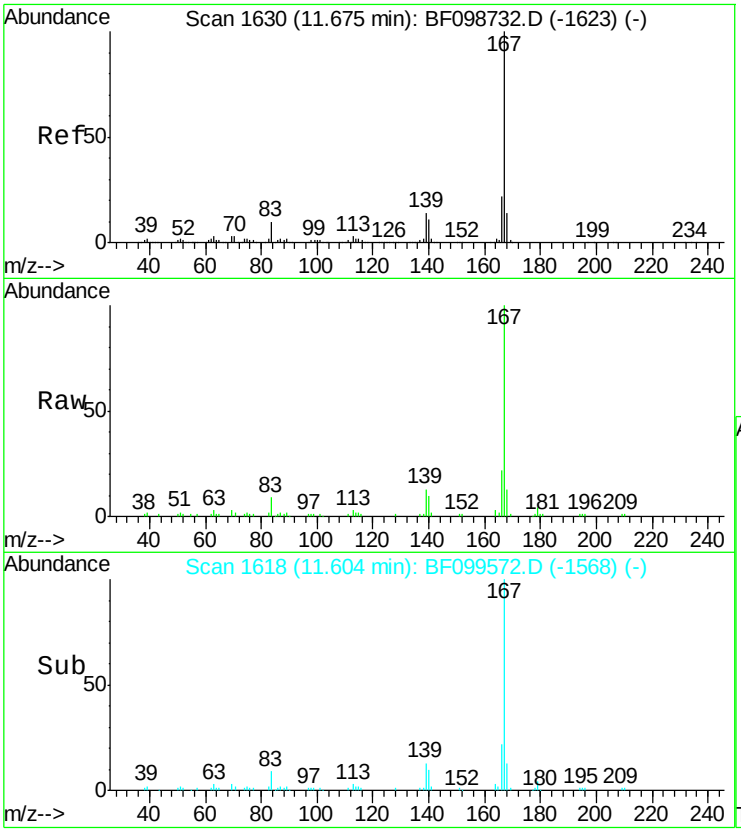


#71
Anthracene
Concen: 8.70 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:178 Resp: 112320

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.9	12.6	19.0



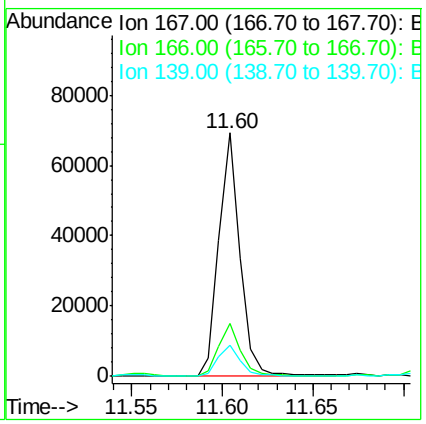


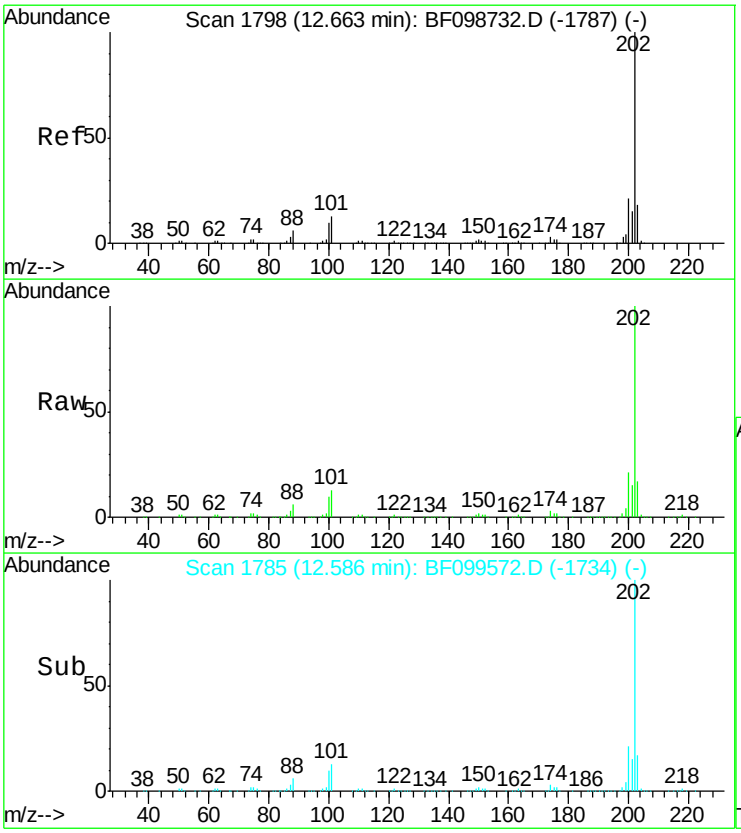
#72
Carbazole
Concen: 4.47 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 56471

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.8	10.9	16.3

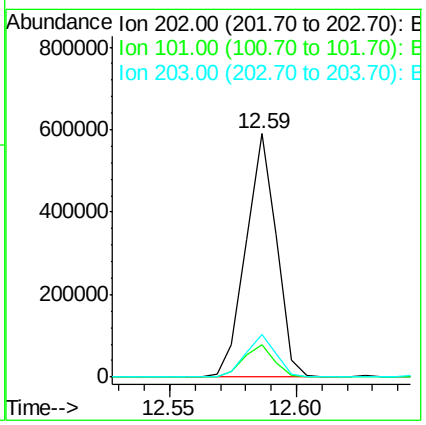


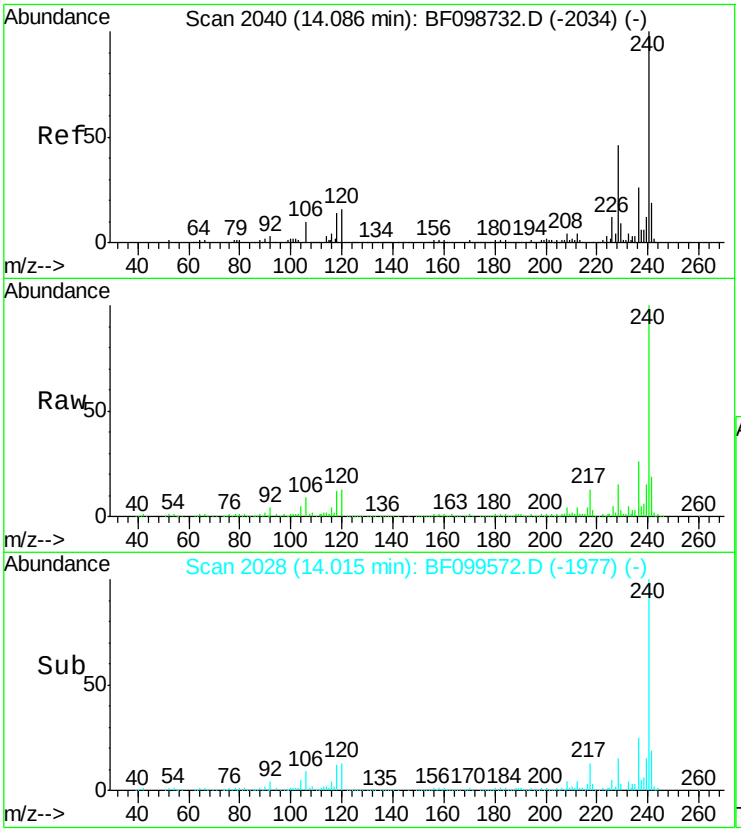


#74
Fluoranthene
Concen: 38.76 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:202 Resp: 495175

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.3	0.0	38.1



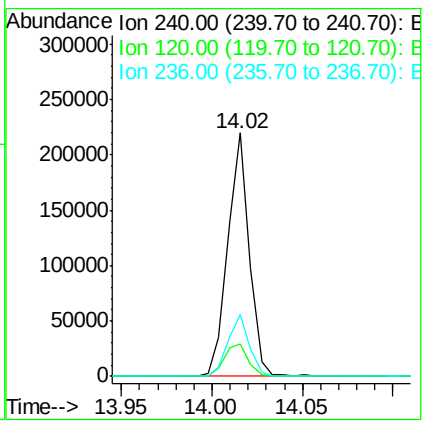


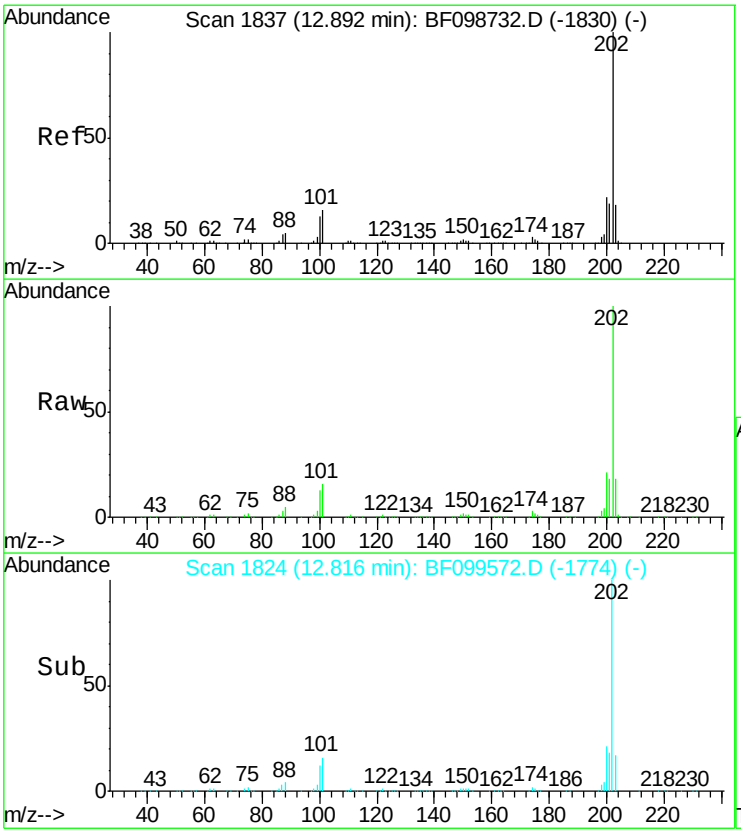
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 182180

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.6	20.7	31.1

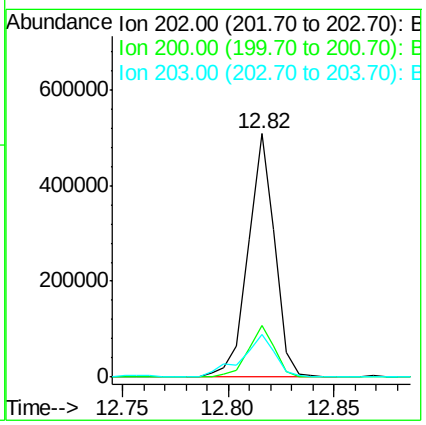


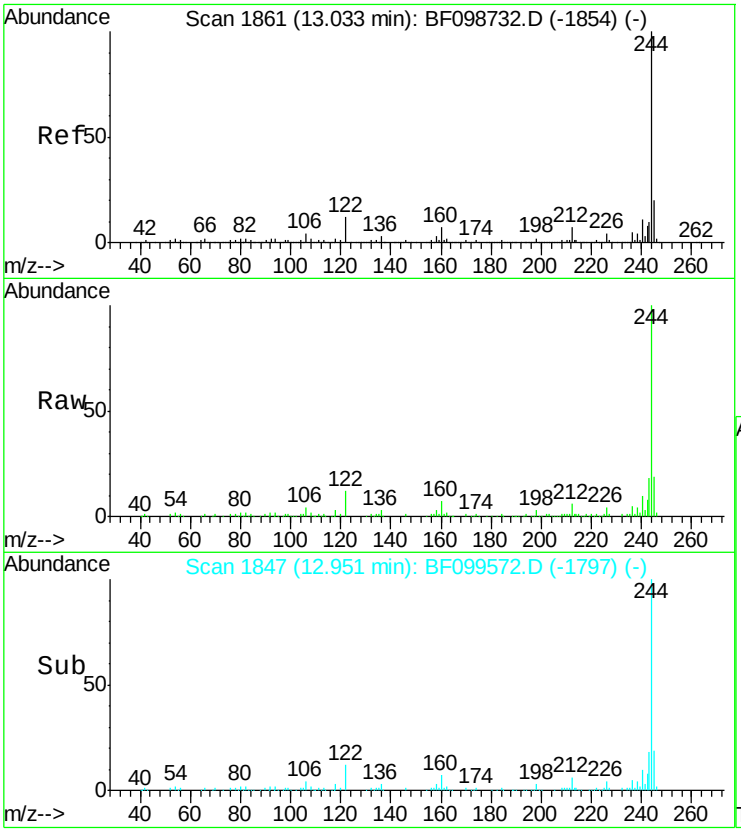


#77
Pyrene
Concen: 31.95 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:202 Resp: 443781

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.3	21.5



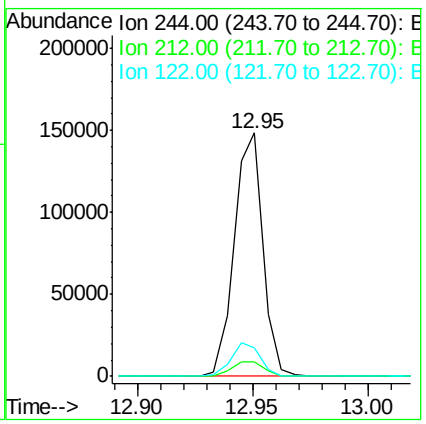


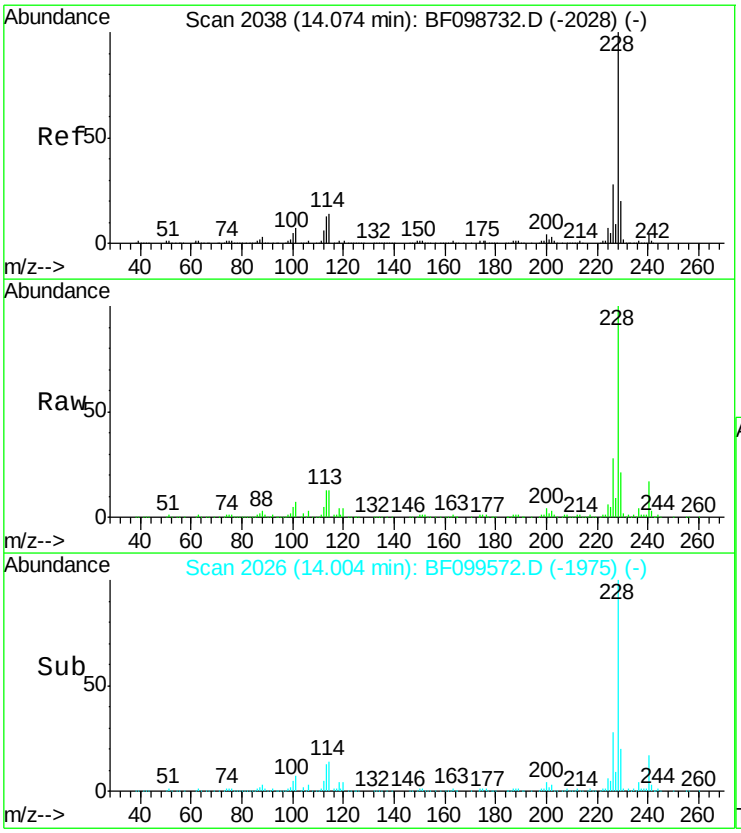
#78
Terphenyl-d14
Concen: 15.95 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 127763

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	11.7	11.0	16.4

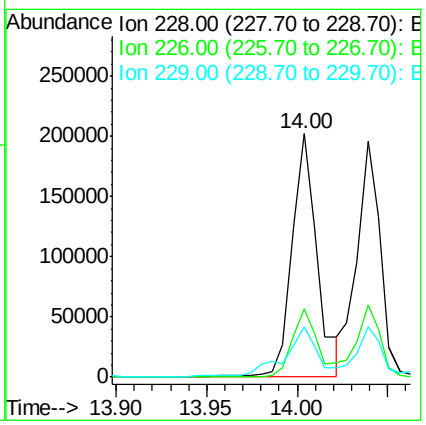


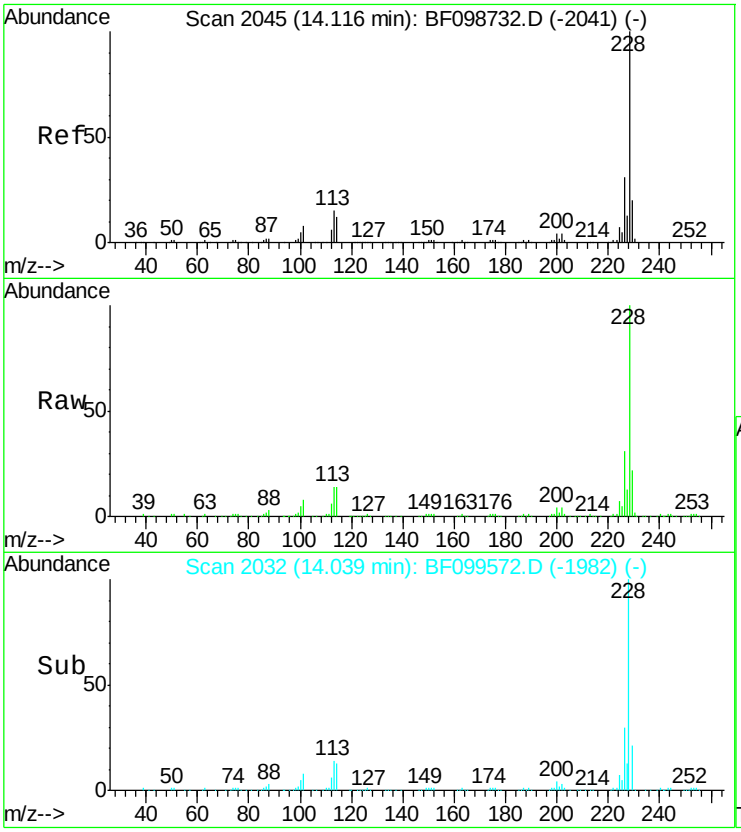


#80
Benzo(a)anthracene
Concen: 17.84 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:228 Resp: 196838

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.9	15.8	23.6



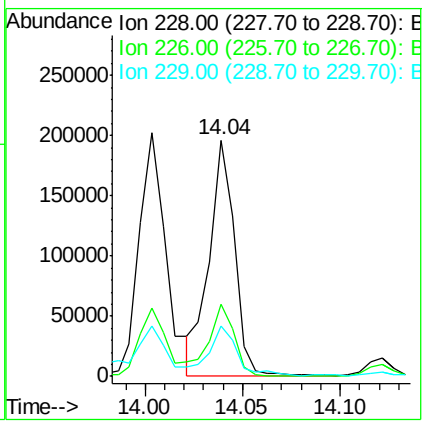


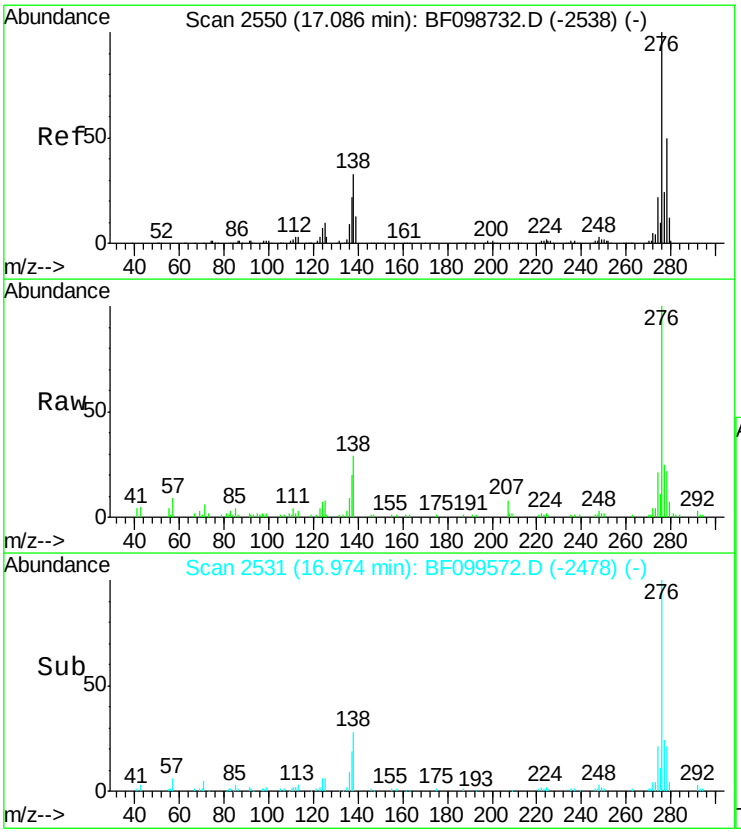
#82
Chrysene
Concen: 16.92 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 177741

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.5	16.2	24.4

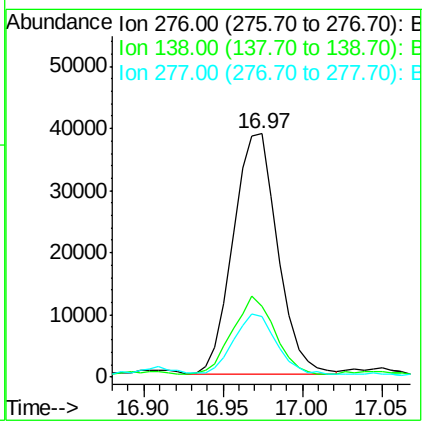


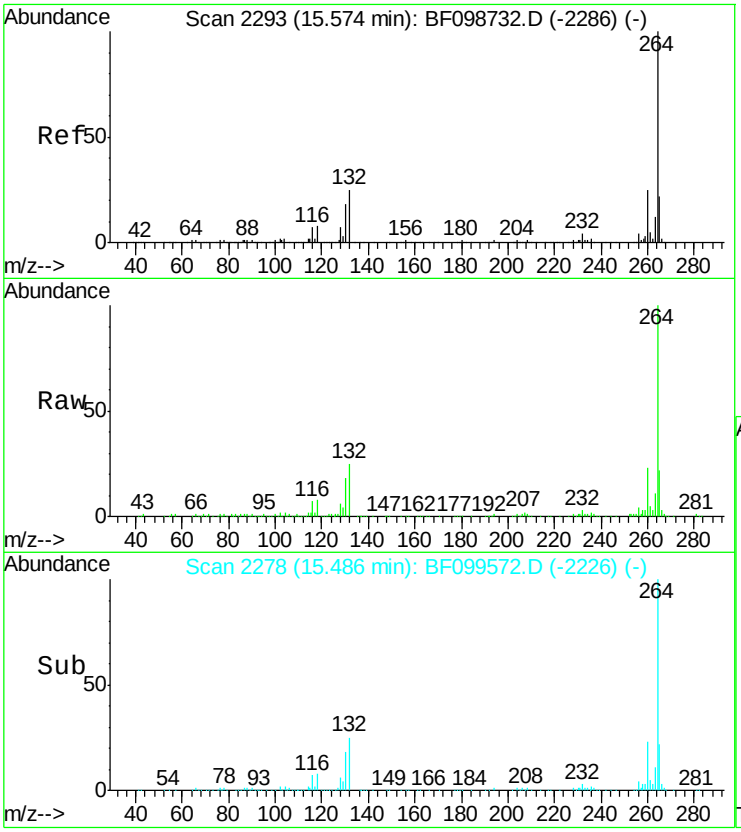


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.96 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:276 Resp: 75254

Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	24.5	20.1	30.1



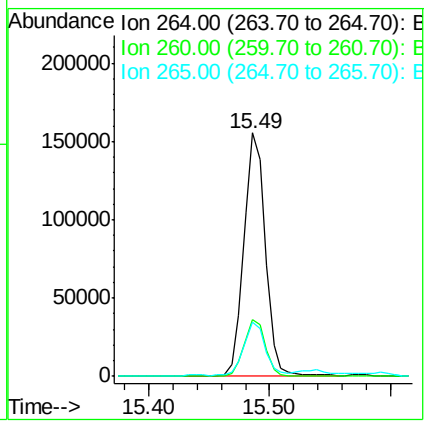


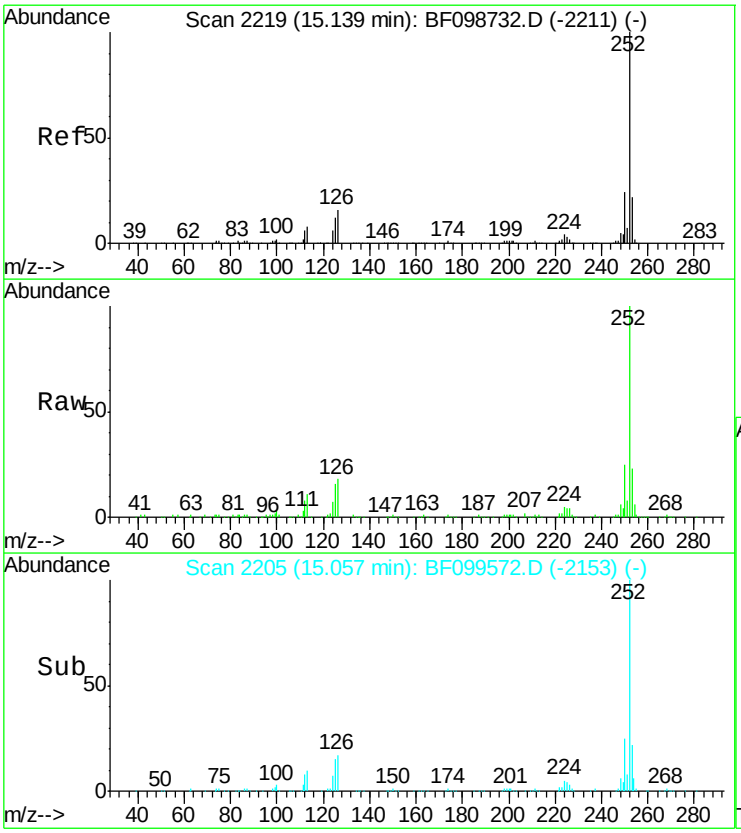
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194752

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.5	26.3

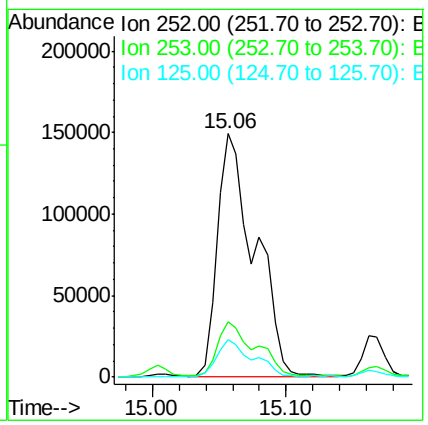


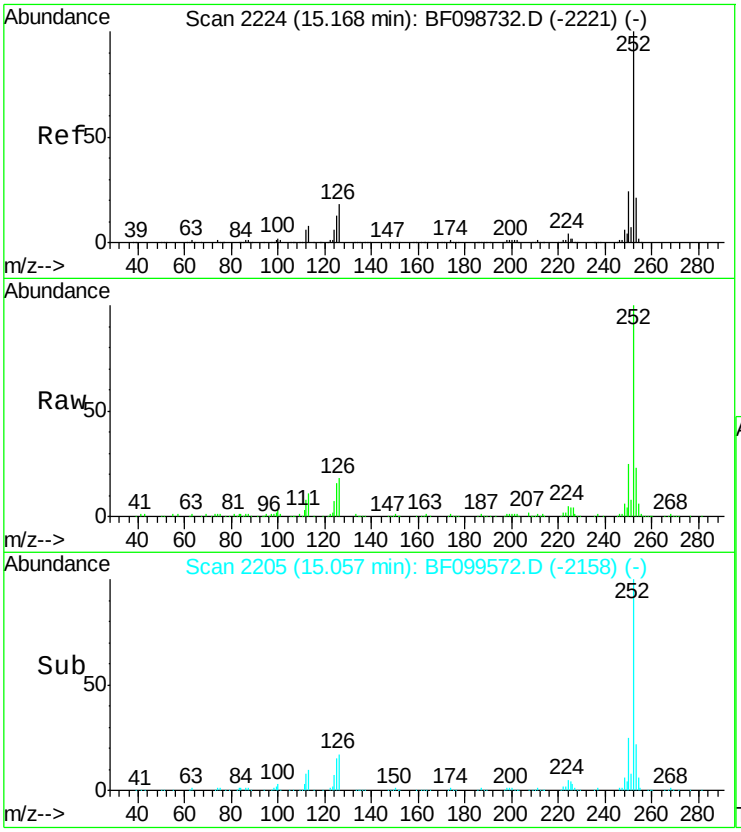


#87
Benzo(b)fluoranthene
Concen: 24.20 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:252 Resp: 289720

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.6	9.0	13.6#



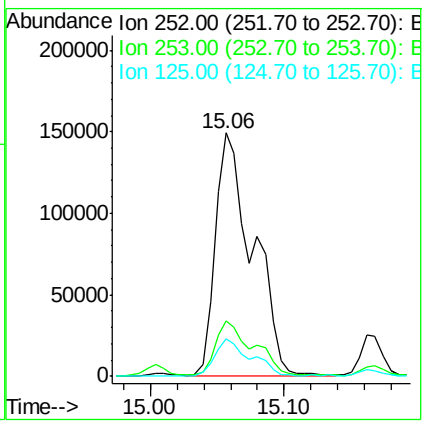


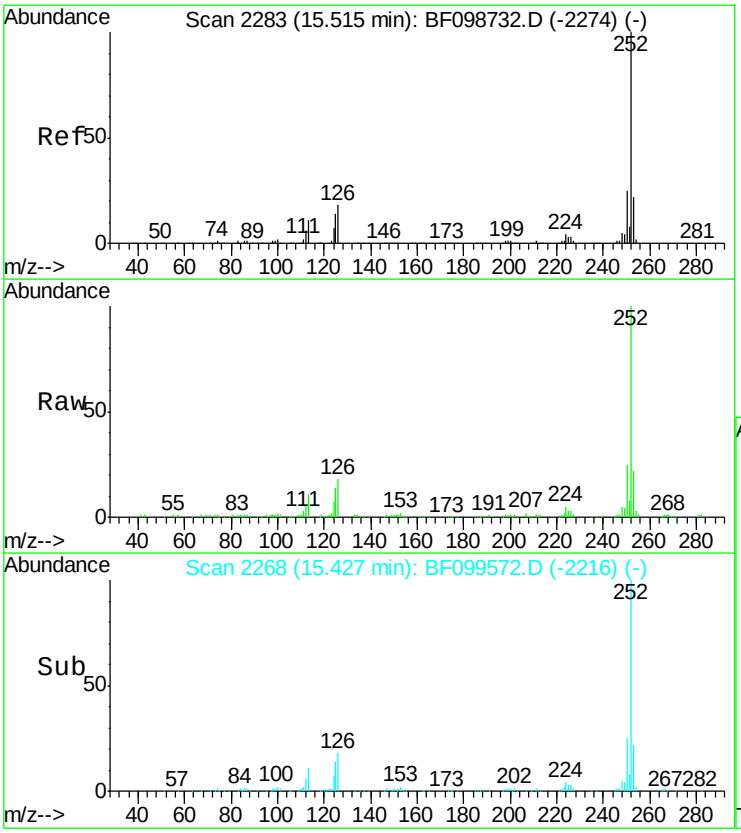
#88
Benzo(k)fluoranthene
Concen: 24.50 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 289720

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.6	10.2	15.2#

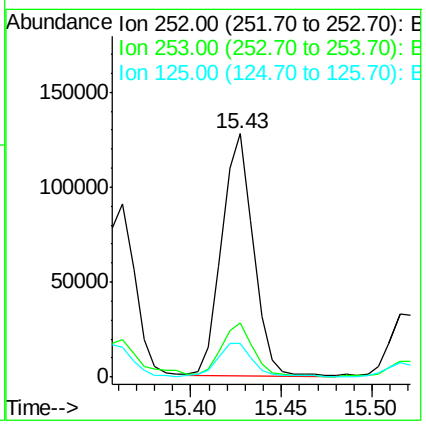


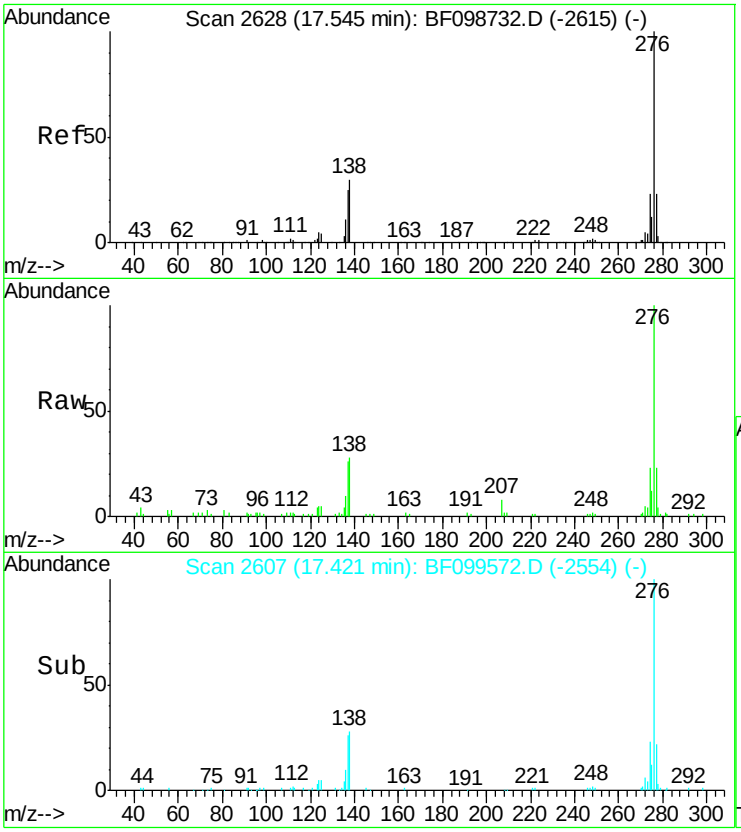


#89
Benzo(a)pyrene
Concen: 14.16 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Tgt Ion:252 Resp: 155676

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.05 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF099572.D
Acq: 17 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 70011

Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	27.6	21.8	32.8