Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-SS-2(4-6)

Quant Time: Jan 13 06:04:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31415	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	123666	20.00	ng		0.00
38) Acenaphthene-d10	15.12	164	65237	20.00	ng		-0.01
63) Phenanthrene-d10	17.85	188	104358	20.00	ng		0.00
75) Chrysene-d12	21.35	240	108248	20.00	ng		0.00
86) Perylene-d12	23.02	264	101117	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	38794	20.61	ng		-0.01
7) Phenol-d6	7.49	99	52383	22.10	ng		-0.01
23) Nitrobenzene-d5	9.37	82	32749	14.72	ng		-0.01
41) 2,4,6-Tribromophenol	16.77	330	10508	19.30	ng		-0.01
44) 2-Fluorobiphenyl	13.64	172	57881	13.06	ng		-0.01
78) Terphenyl-d14	20.07	244	51307	10.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.49	88	4529	5.64	ng	#	14
22) Acetophenone	9.03	105	8479	2.79	ng	#	59
31) Naphthalene	11.04	128	58860	9.28	ng		97
37) 2-Methylnaphthalene	12.70	142	61869	13.90	ng		96
45) 1,1'-Biphenyl	13.84	154	11312	2.26	ng		99
48) Acenaphthylene	14.78	152	81975	12.00	ng		99
51) Acenaphthene	15.20	154	63527	16.46	ng		95
54) Dibenzofuran	15.63	168	51212	9.07	ng		98
55) 4-Nitrophenol	15.76	139	1688	2.28	ng	#	42
57) Fluorene	16.32	166	86665	18.38	ng		98
70) Phenanthrene	17.90	178	1072861	164.97	ng		97
71) Anthracene	17.97	178	308547	48.85	ng		99
72) Carbazole	18.24	167	117575	18.99	ng		97
74) Fluoranthene	19.55	202	1895813	284.62	ng		95
77) Pyrene	19.83	202	1670842	214.52	ng		97
80) Benzo(a)anthracene	21.34	228	972483	141.02	ng		96
82) Chrysene	21.34	228	966900	154.97	ng		96
85) Indeno(1,2,3-cd)pyrene	24.16	276	407619	66.02	ng	#	100
87) Benzo(b)fluoranthene	22.61	252	1303464	186.10	ng		96
88) Benzo(k)fluoranthene	22.61	252	1300772	212.46	ng	#	97
89) Benzo(a)pyrene	22.91	252	383174	63.66	ng		95
90) Dibenzo(a,h)anthracene	24.23	278	32051	5.84	ng	#	83
91) Benzo(g,h,i)perylene	24.47	276	377769	67.50	ng		99

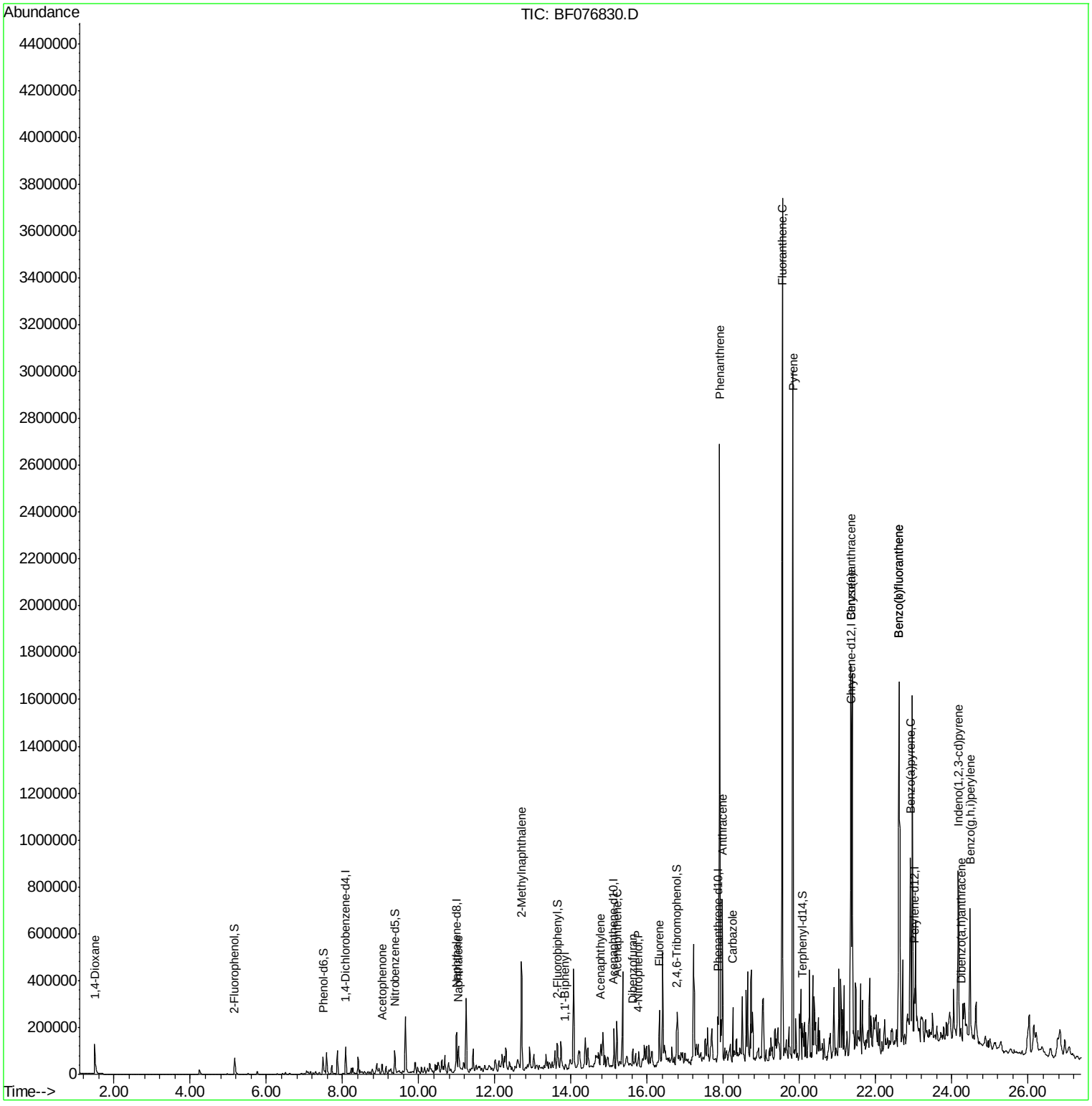
(#) = qualifier out of range (m) = manual integration (+) = signals summed

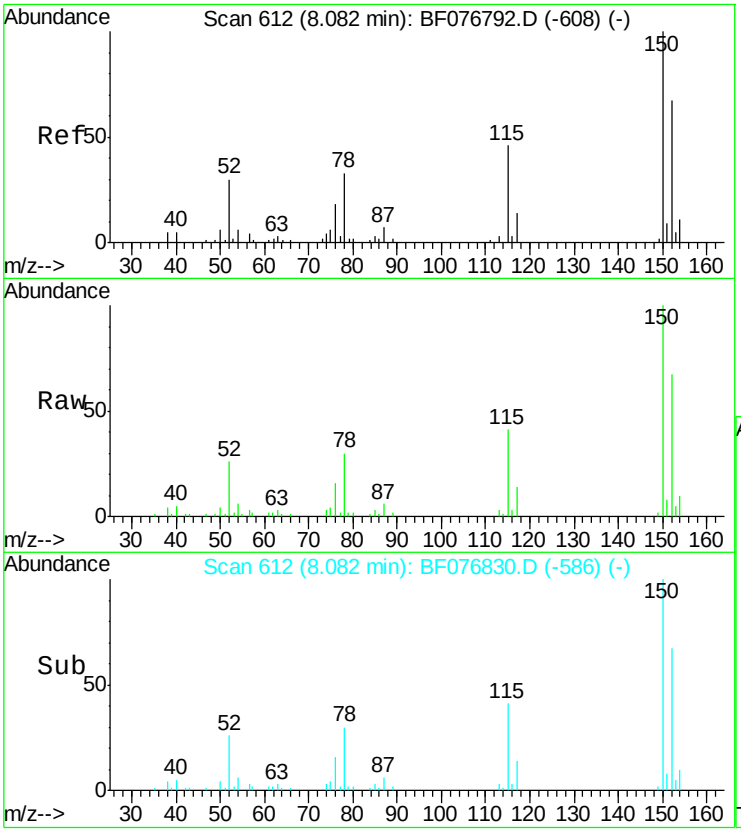
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
Data File : BF076830.D
Acq On : 13 Jan 2015 5:19
Operator : IZ / TP
Sample : G1030-08 5X
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Quant Time: Jan 13 06:04:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration



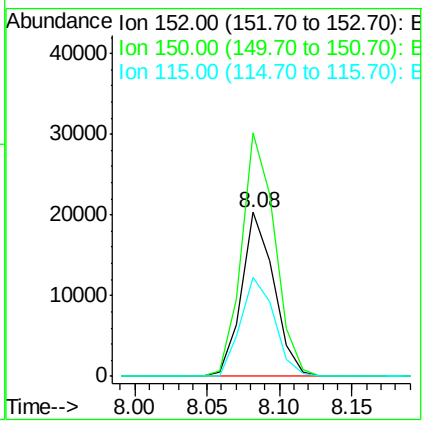


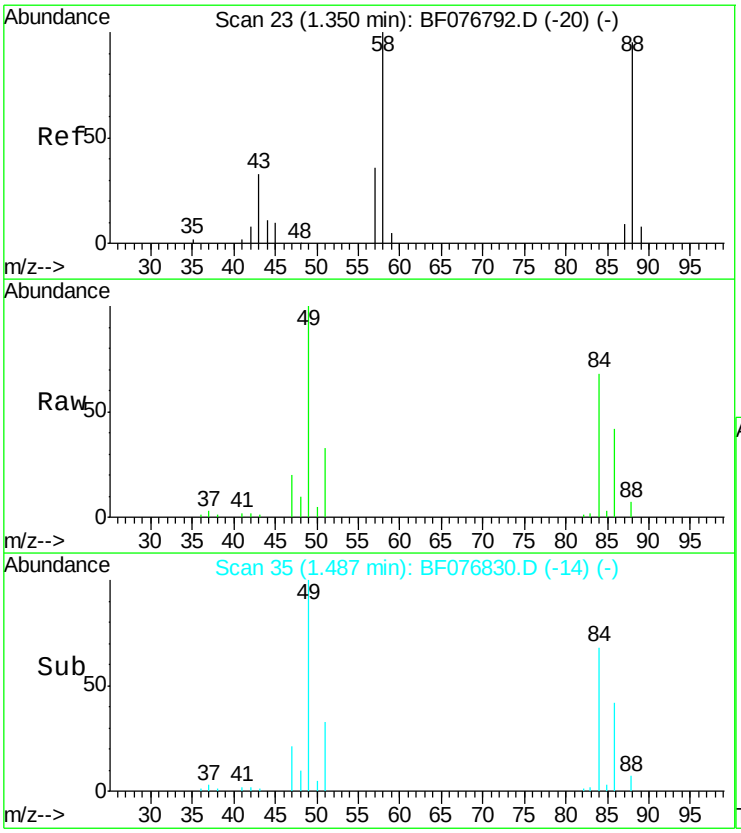
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:152 Resp: 31415

Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	60.6	54.6	81.8

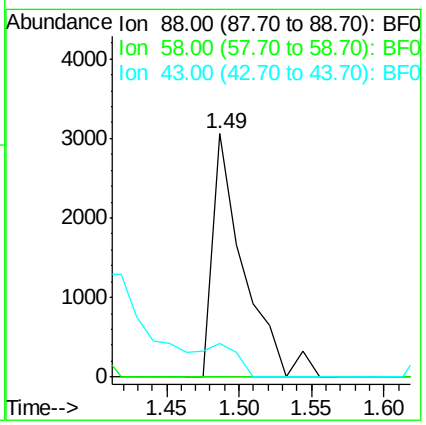


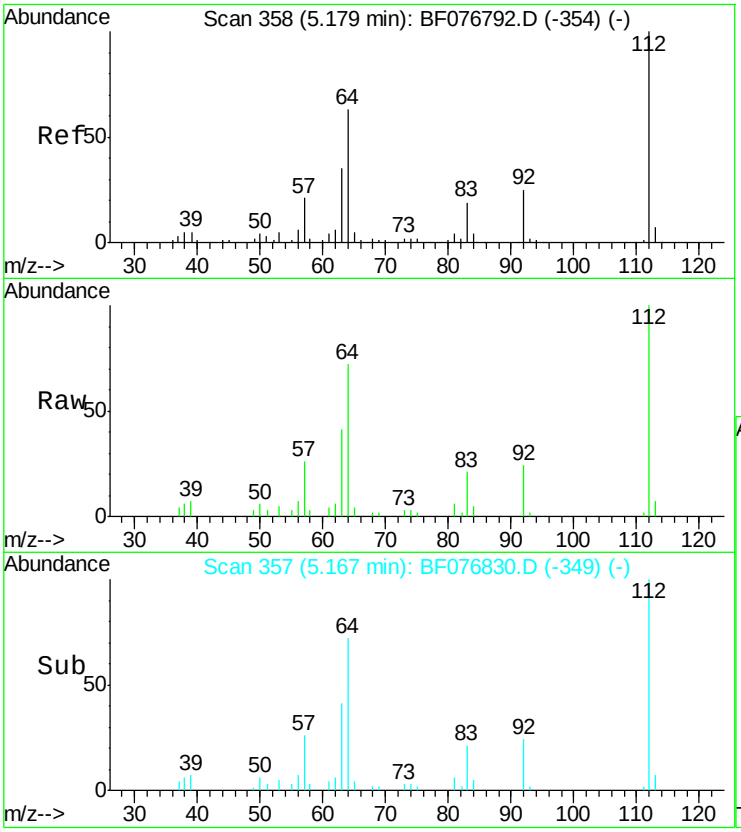


#2
1,4-Dioxane
Concen: 5.64 ng
RT: 1.49 min Scan# 35
Delta R.T. 0.14 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion: 88 Resp: 4529

Ion	Ratio	Lower	Upper
88	100		
58	0.0	72.4	108.6#
43	0.0	24.0	36.0#



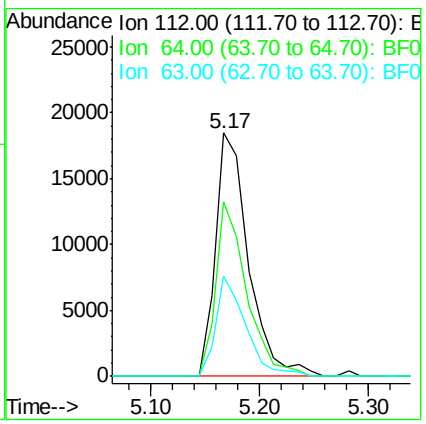


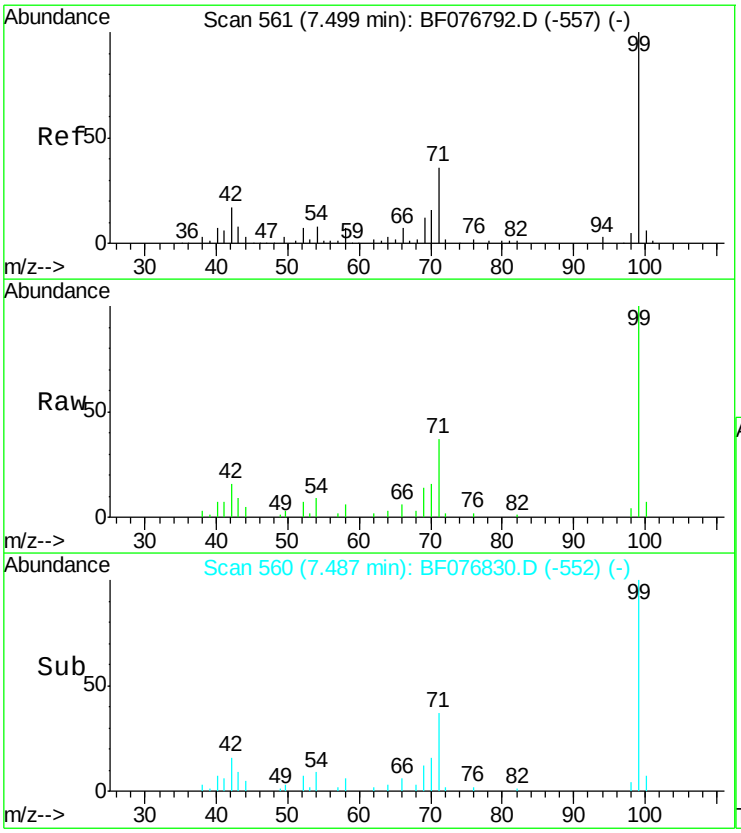
#5
2-Fluorophenol
Concen: 20.61 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:112 Resp: 38794

Ion	Ratio	Lower	Upper
112	100		
64	71.9	50.2	75.4
63	40.9	27.8	41.6

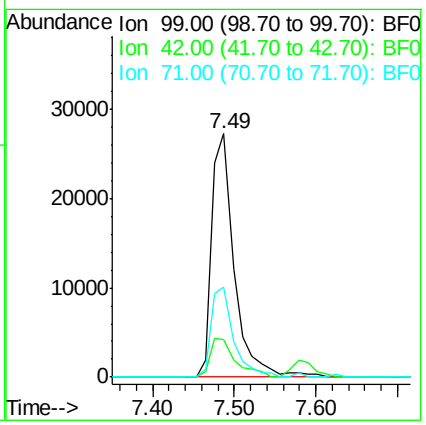


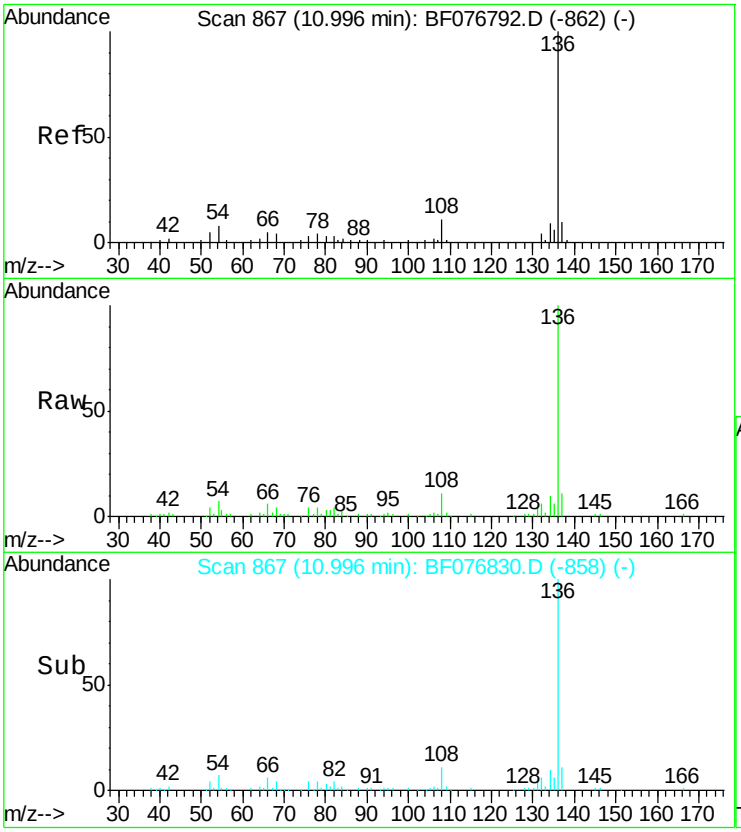


#7
Phenol-d6
Concen: 22.10 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion: 99 Resp: 52383

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.3	19.9
71	36.7	29.2	43.8



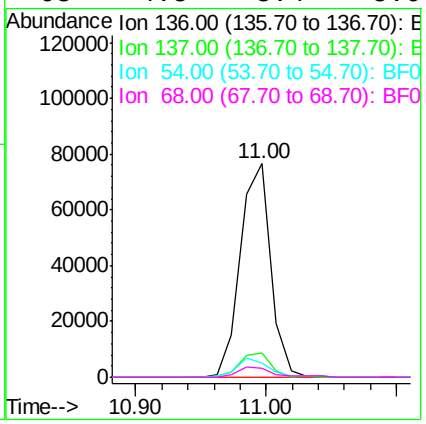


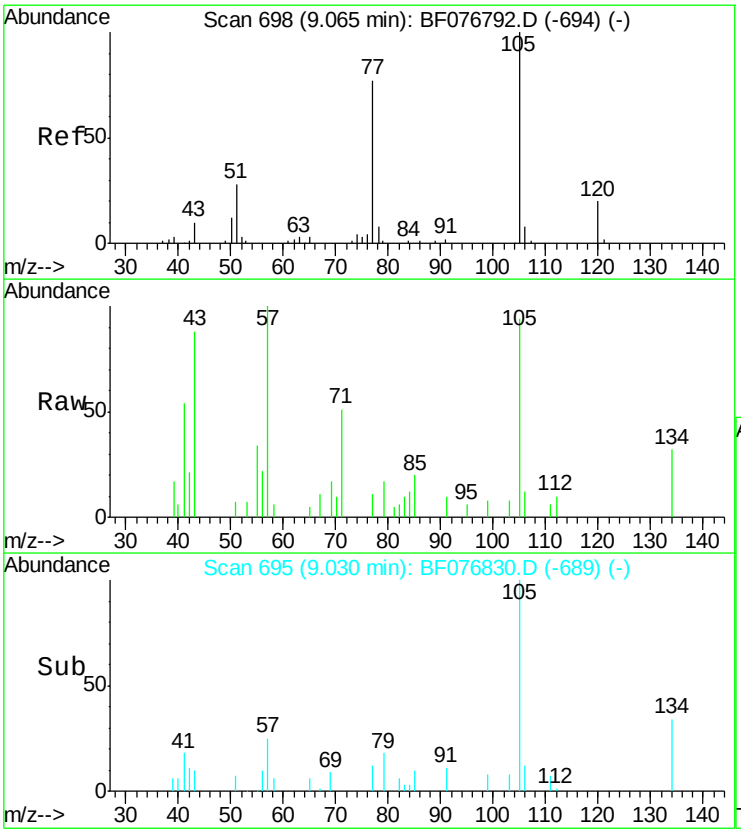
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:136 Resp: 123666

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.1	12.1
54	6.6	6.3	9.5
68	4.5	3.4	5.0

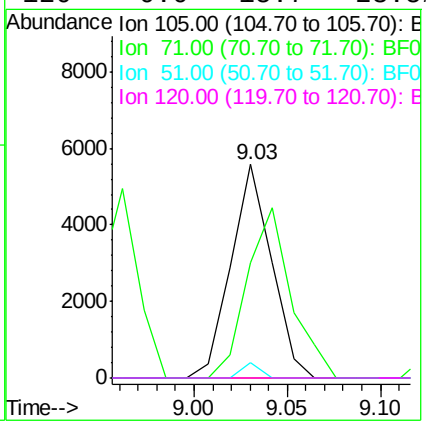


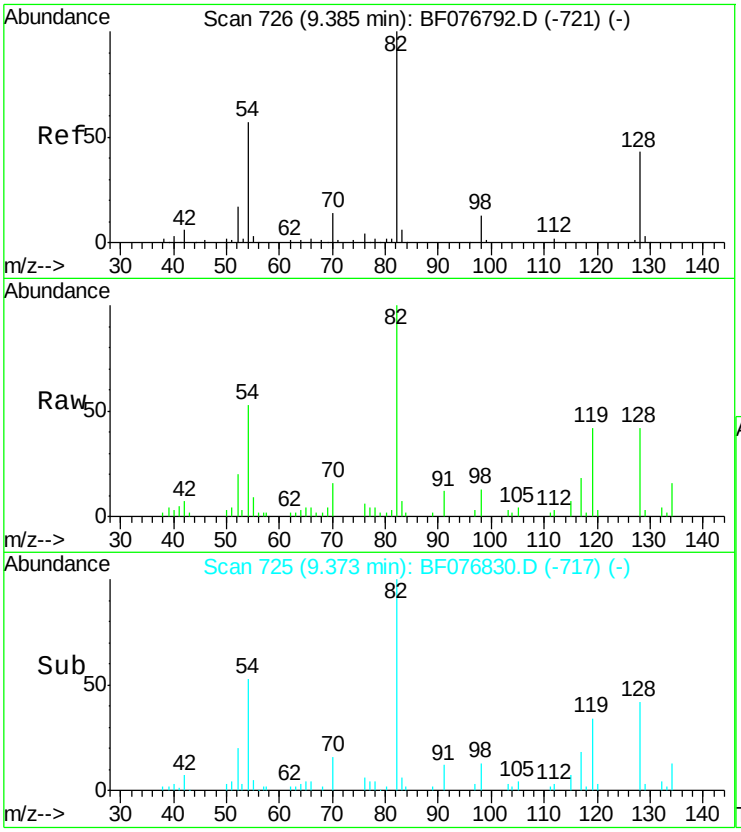


#22
Acetophenone
Concen: 2.79 ng
RT: 9.03 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:105 Resp: 8479

Ion	Ratio	Lower	Upper
105	100		
71	54.3	0.0	0.0#
51	7.2	22.2	33.2#
120	0.0	15.7	23.5#



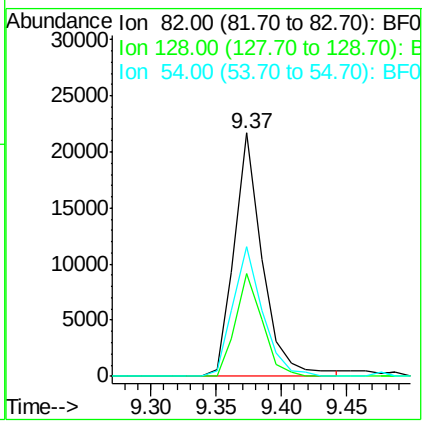


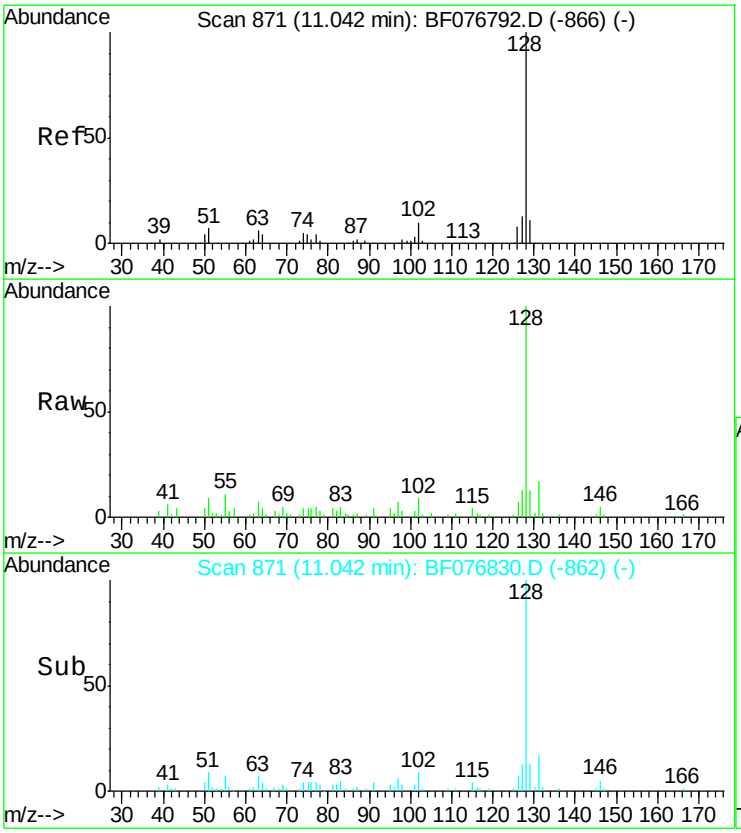
#23
Nitrobenzene-d5
Concen: 14.72 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion: 82 Resp: 32749

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.0	51.0
54	53.1	45.6	68.4

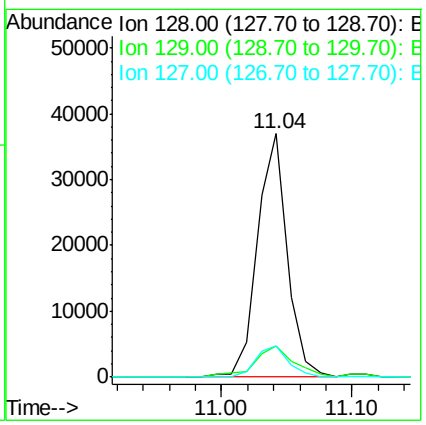


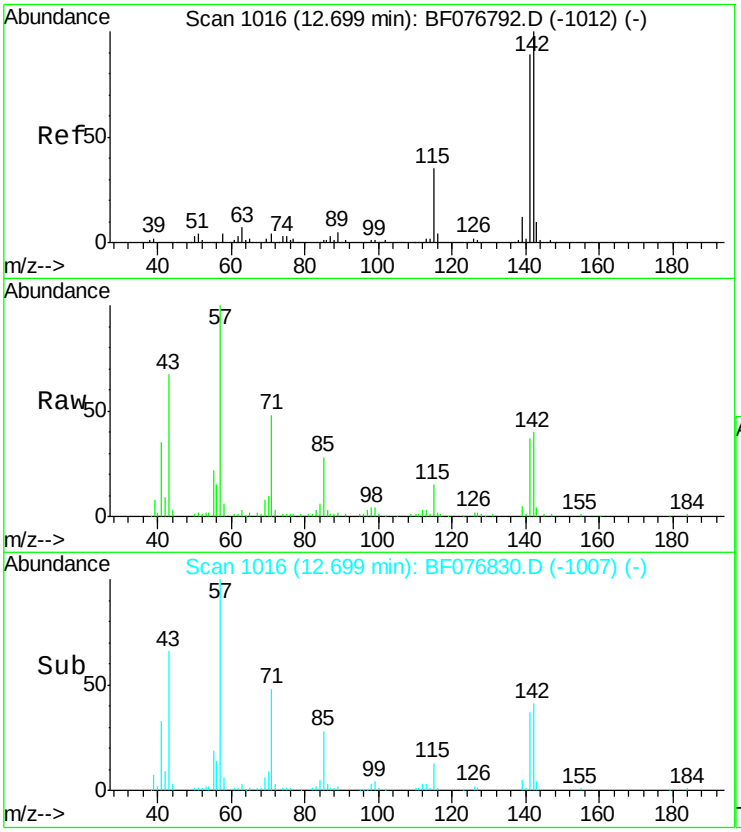


#31
Naphthalene
Concen: 9.28 ng
RT: 11.04 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:128 Resp: 58860

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	13.0
127	13.0	10.1	15.1



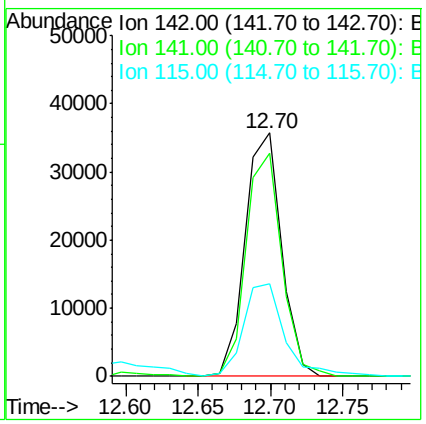


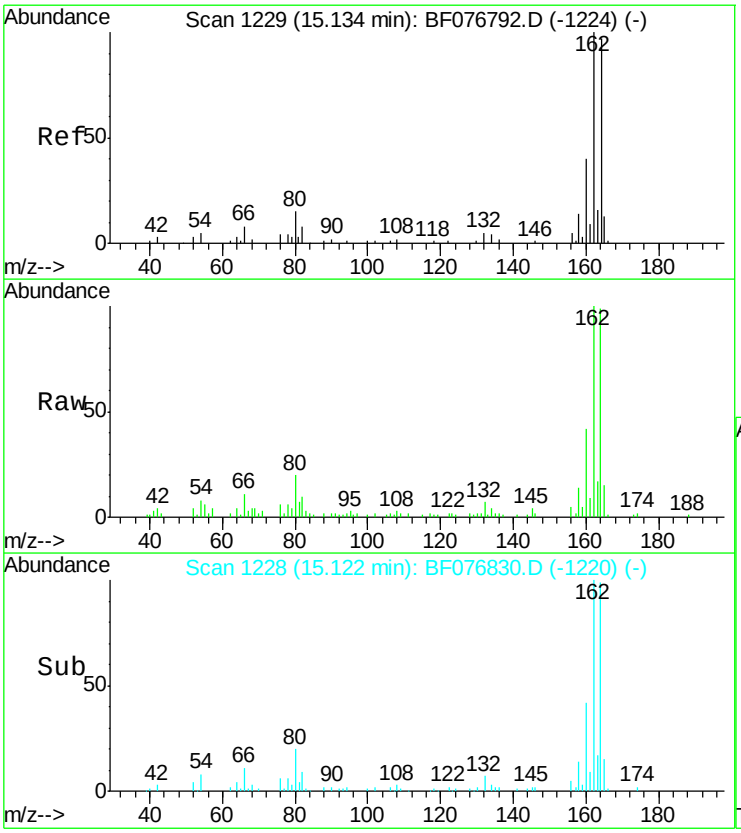
#37
2-Methylnaphthalene
Concen: 13.90 ng
RT: 12.70 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:142 Resp: 61869

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.0	106.4
115	38.0	28.2	42.2

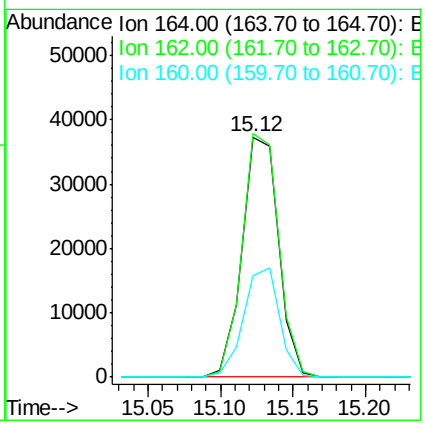


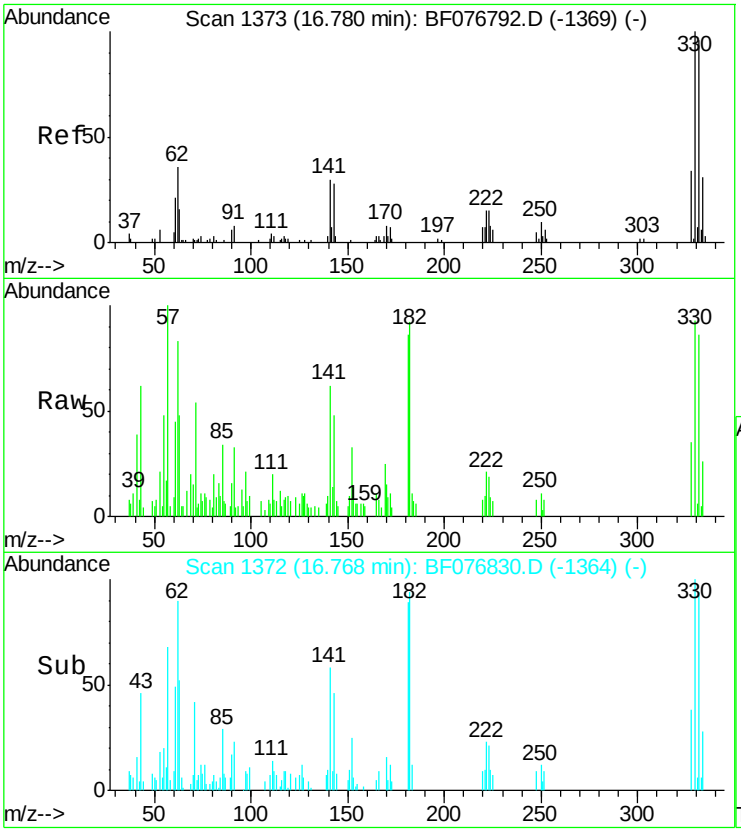


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:164 Resp: 65237

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.5	123.7
160	42.3	33.1	49.7



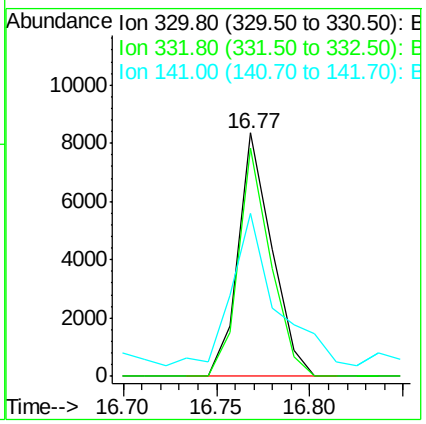


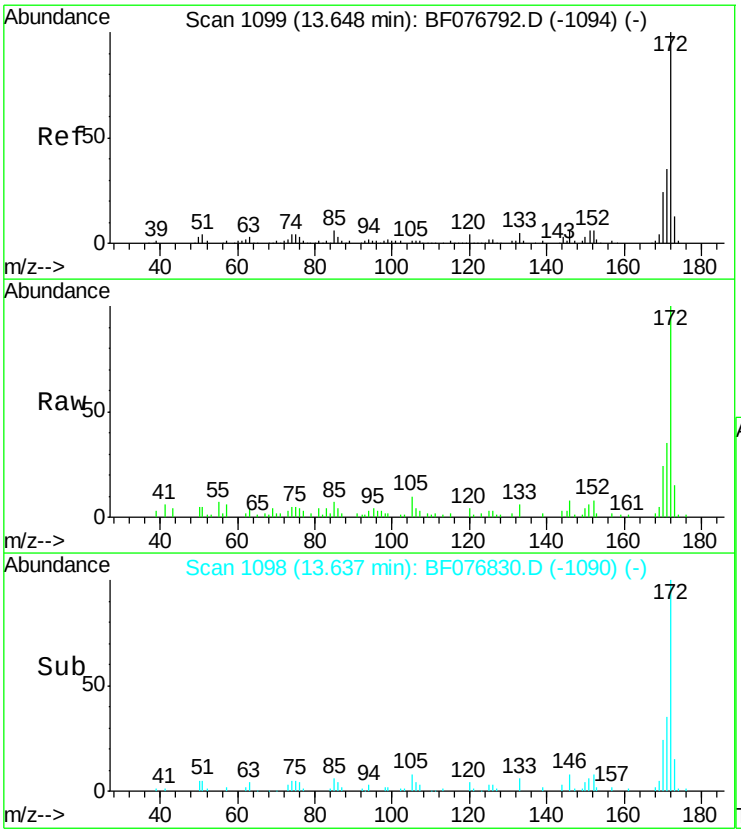
#41
2,4,6-Tribromophenol
Concen: 19.30 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:330 Resp: 10508

Ion	Ratio	Lower	Upper
330	100		
332	89.5	74.8	112.2
141	83.8	42.4	63.6#

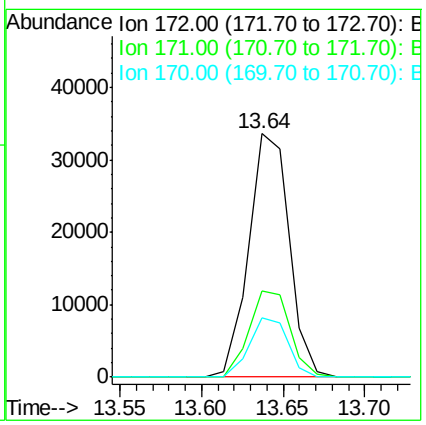


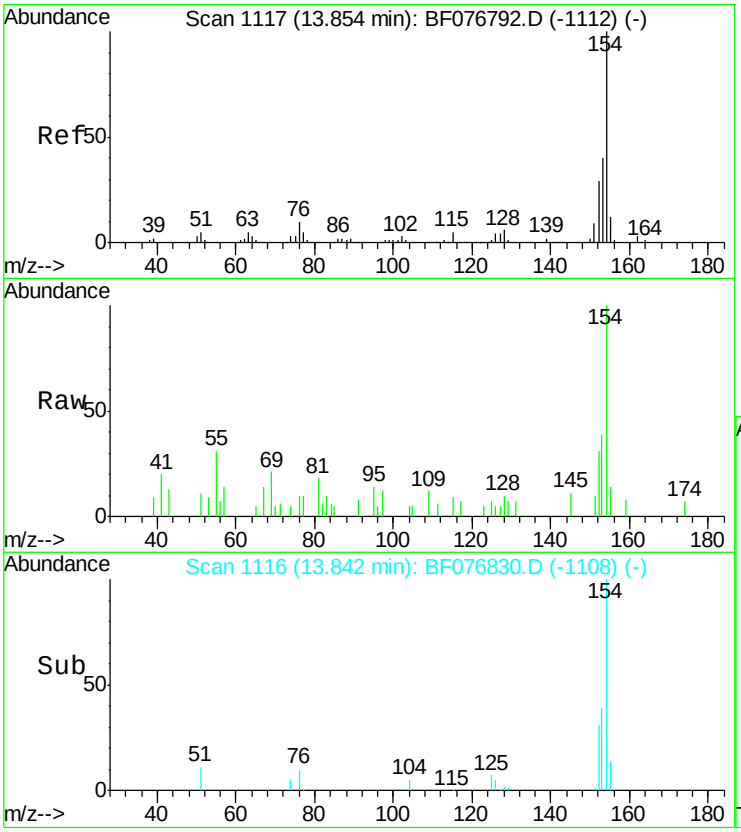


#44
2-Fluorobiphenyl
Concen: 13.06 ng
RT: 13.64 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:172 Resp: 57881

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.3	18.8	28.2



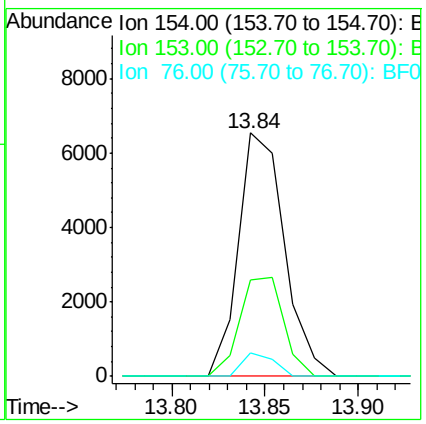


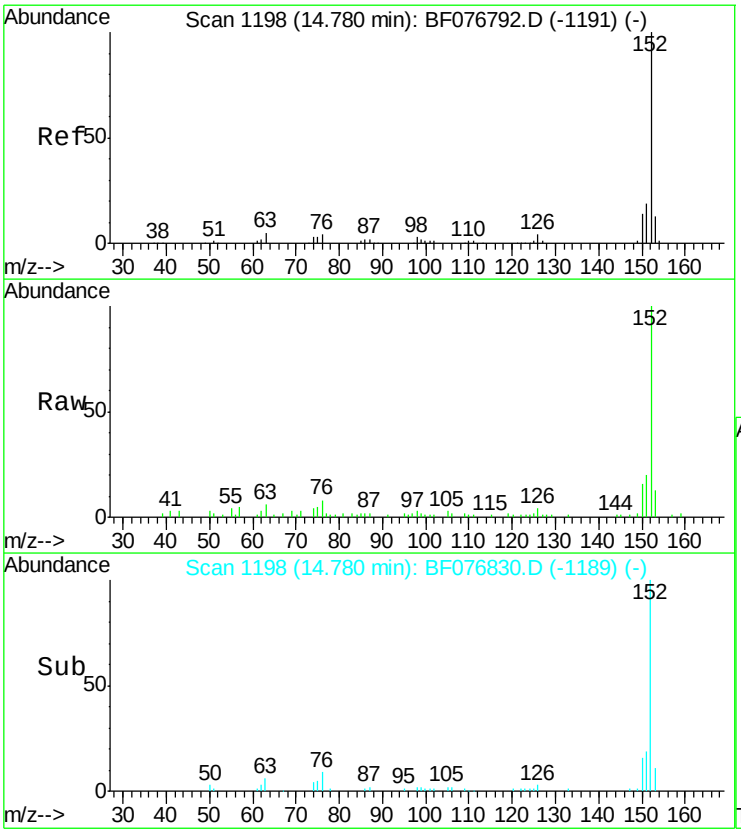
#45
1,1'-Biphenyl
Concen: 2.26 ng
RT: 13.84 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:154 Resp: 11312

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.9	59.9
76	9.6	0.0	29.9

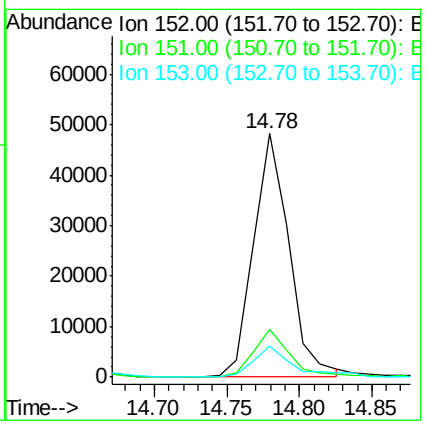


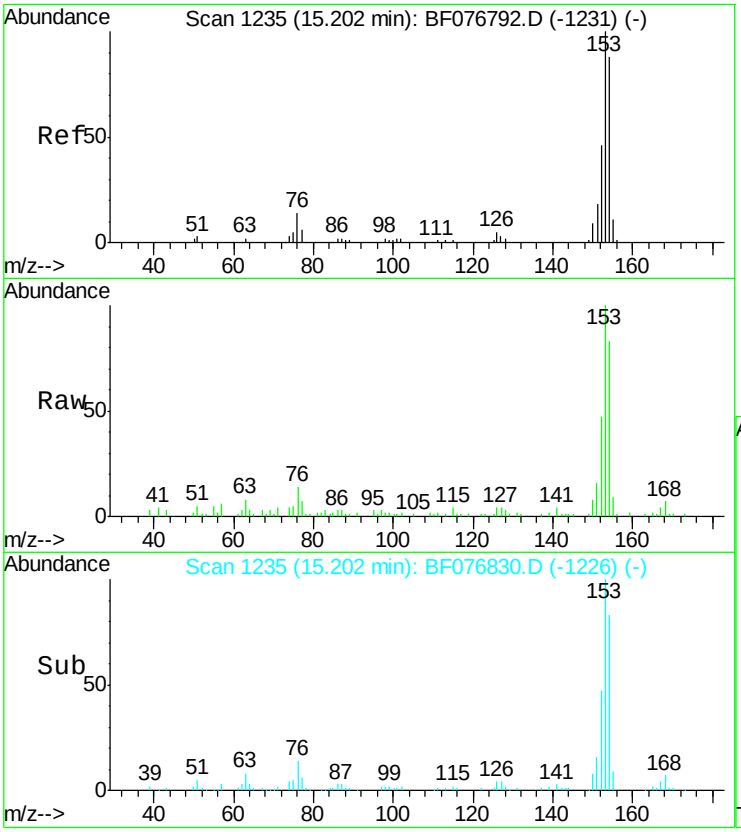


#48
Acenaphthylene
Concen: 12.00 ng
RT: 14.78 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:152 Resp: 81975

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	12.7	10.5	15.7



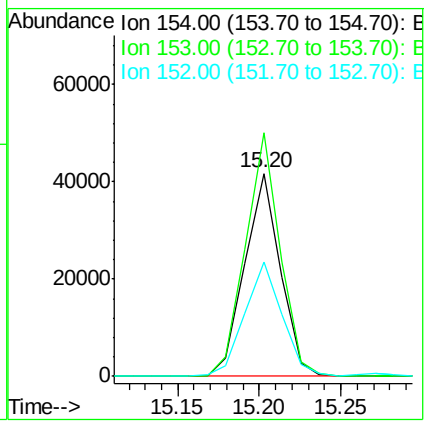


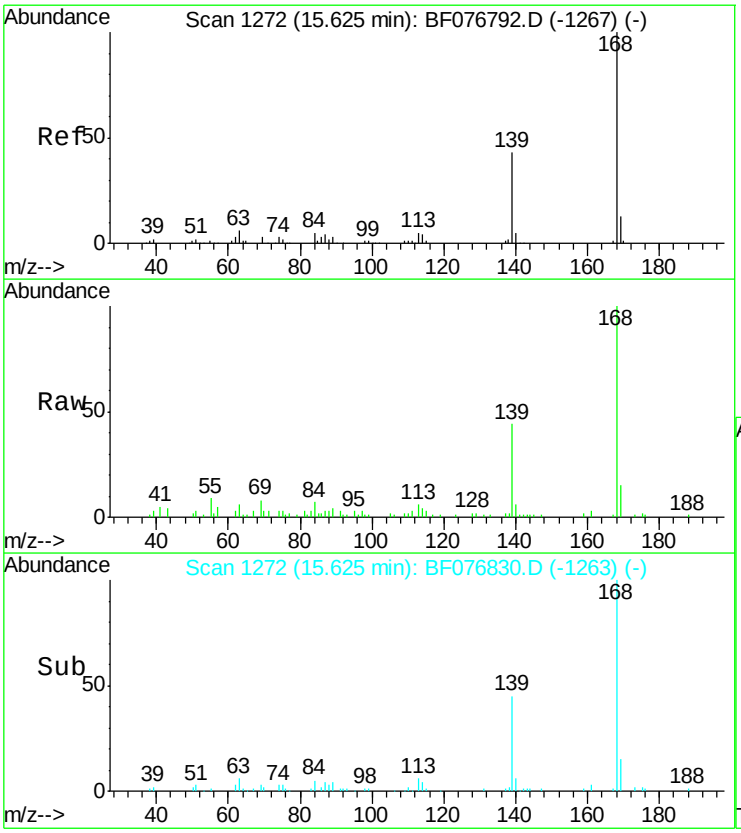
#51
Acenaphthene
Concen: 16.46 ng
RT: 15.20 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:154 Resp: 63527

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.0	136.6
152	56.1	42.2	63.2

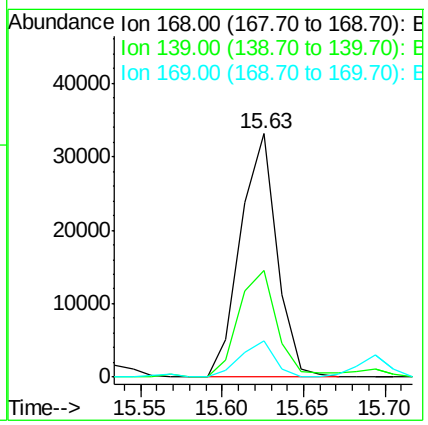


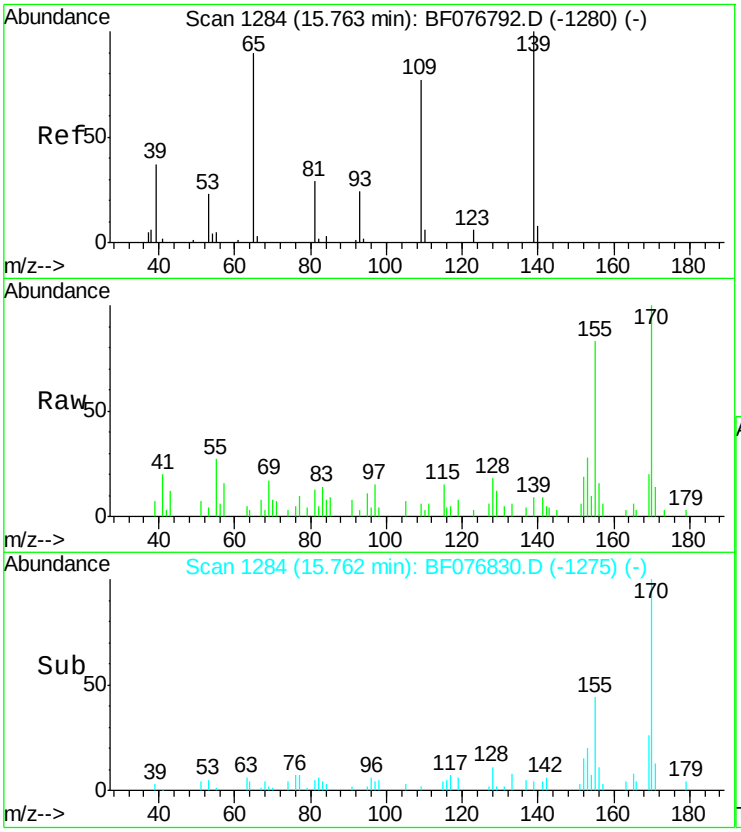


#54
Dibenzofuran
Concen: 9.07 ng
RT: 15.63 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:168 Resp: 51212

Ion	Ratio	Lower	Upper
168	100		
139	43.8	34.2	51.4
169	14.8	10.5	15.7



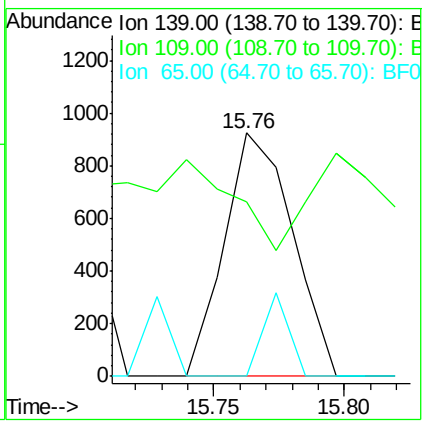


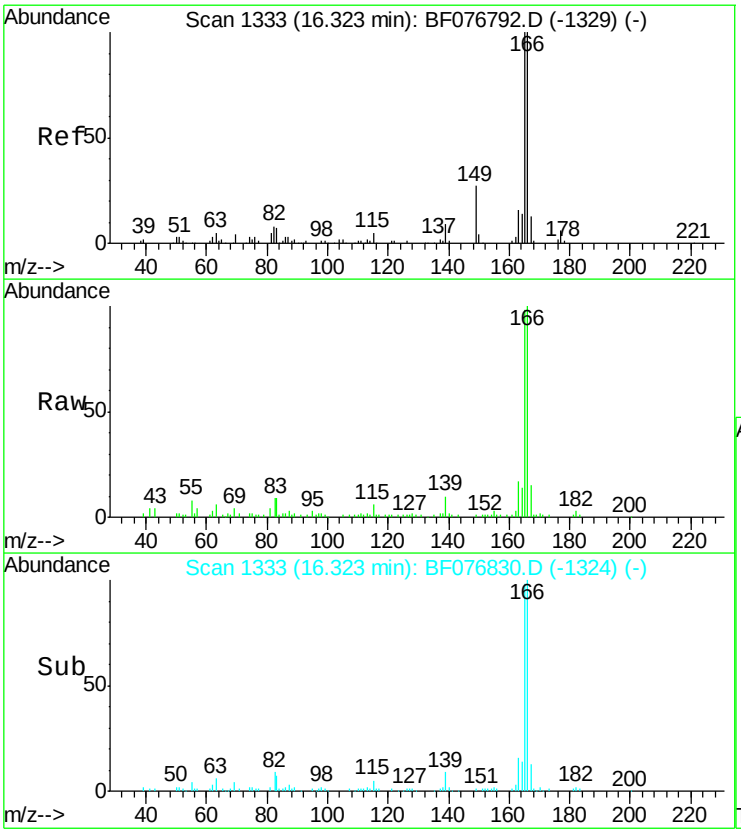
#55
4-Nitrophenol
Concen: 2.28 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:139 Resp: 1688

Ion	Ratio	Lower	Upper
139	100		
109	71.9	57.5	97.5
65	0.0	77.3	117.3#

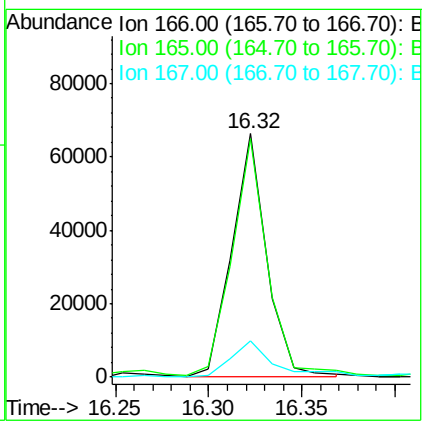


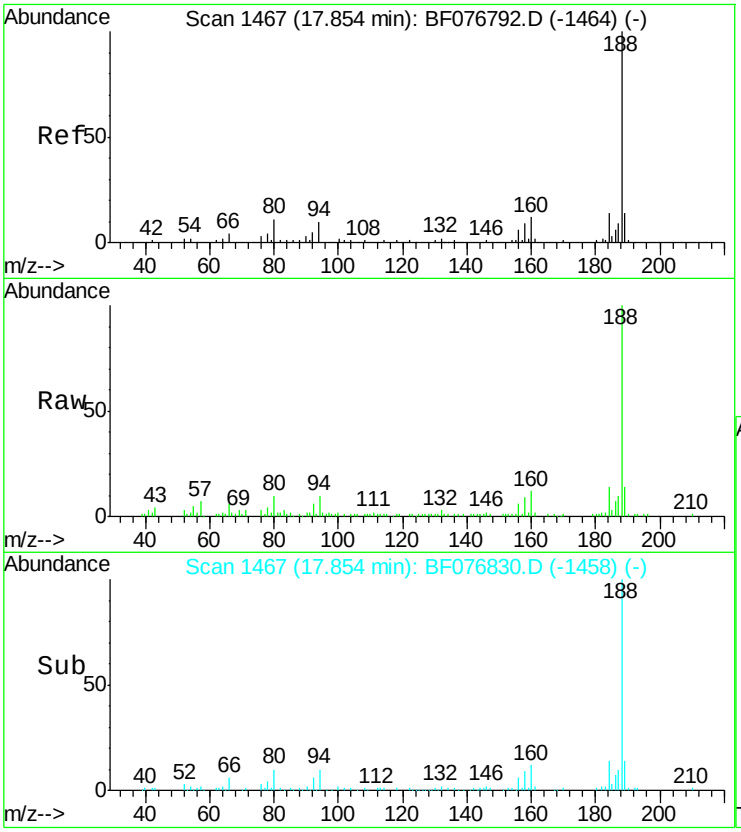


#57
Fluorene
Concen: 18.38 ng
RT: 16.32 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:166 Resp: 86665

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.6	119.4
167	14.6	10.2	15.2



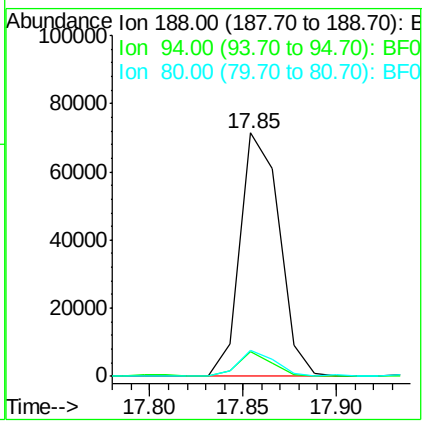


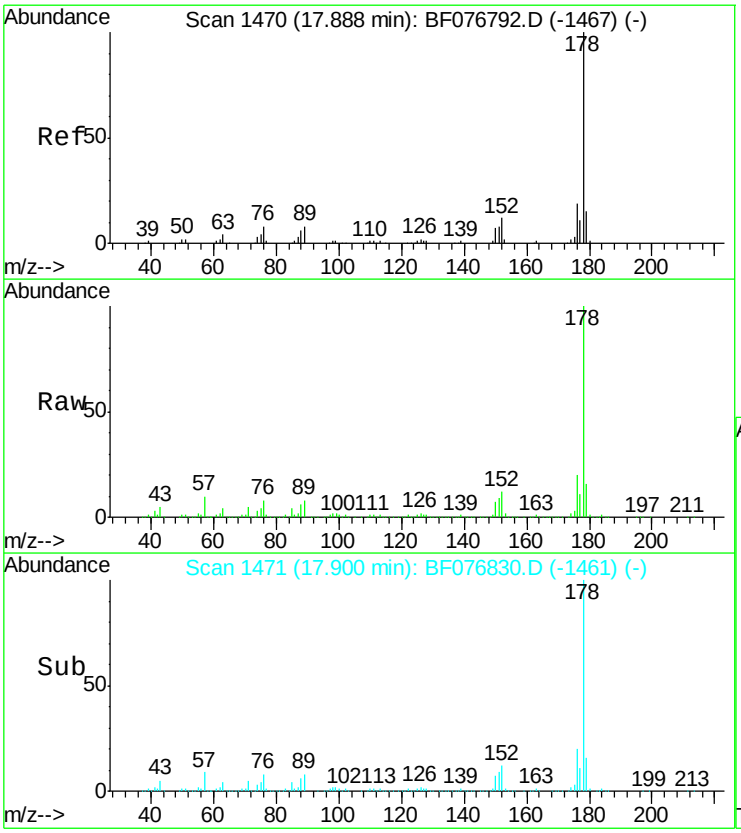
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:188 Resp: 104358

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.5	8.6	13.0

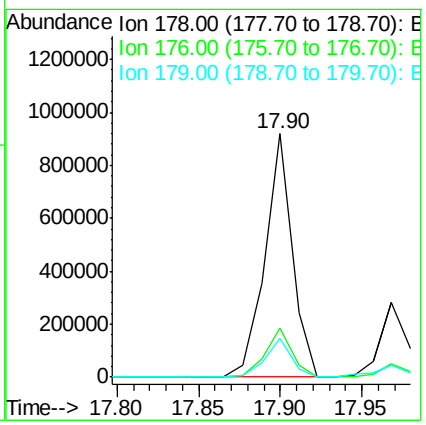


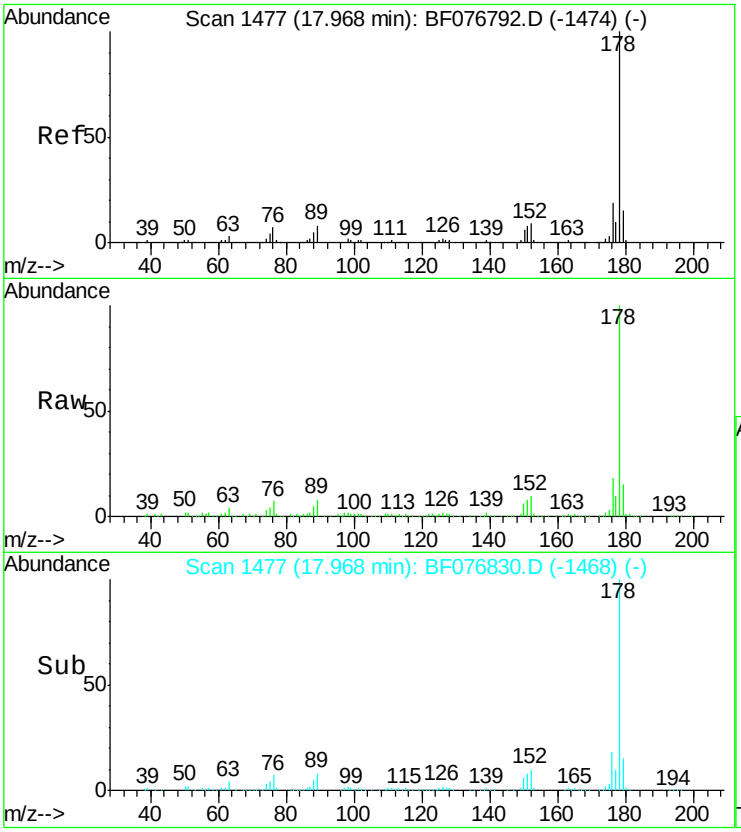


#70
Phenanthrene
Concen: 164.97 ng
RT: 17.90 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:178 Resp: 1072861

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.2	22.8
179	15.9	11.8	17.8



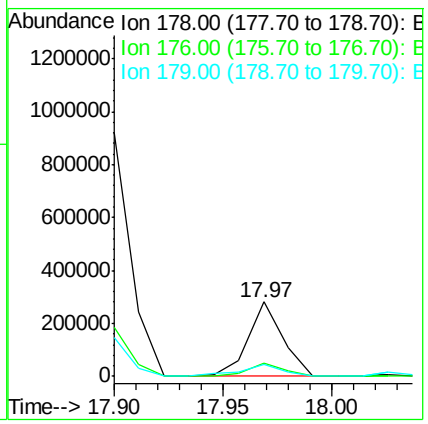


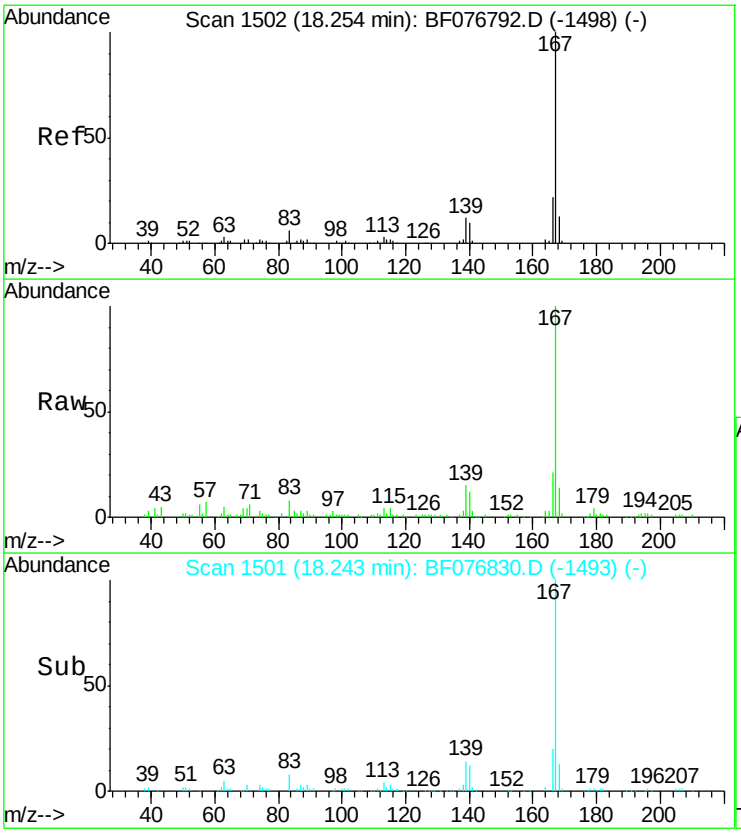
#71
Anthracene
Concen: 48.85 ng
RT: 17.97 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:178 Resp: 308547

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.5	12.2	18.4

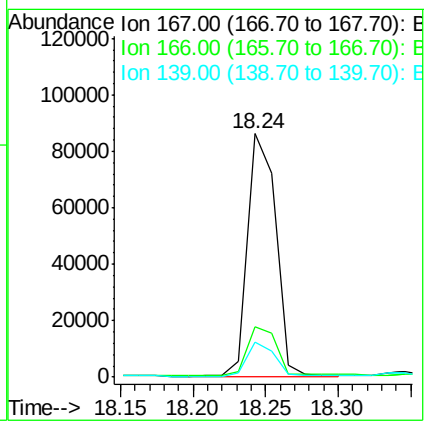


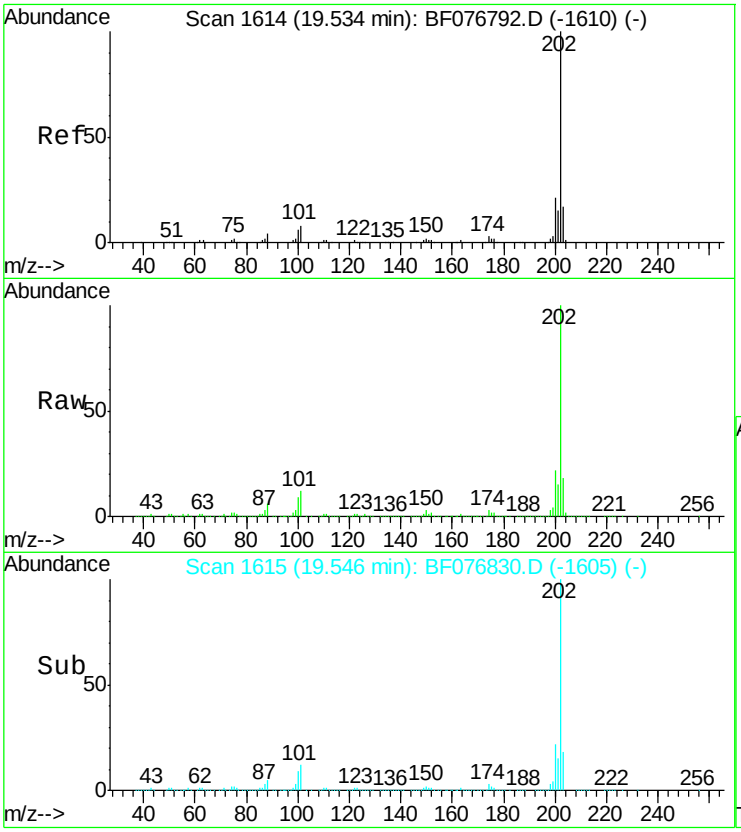


#72
Carbazole
Concen: 18.99 ng
RT: 18.24 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:167 Resp: 117575

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	14.6	10.0	15.0



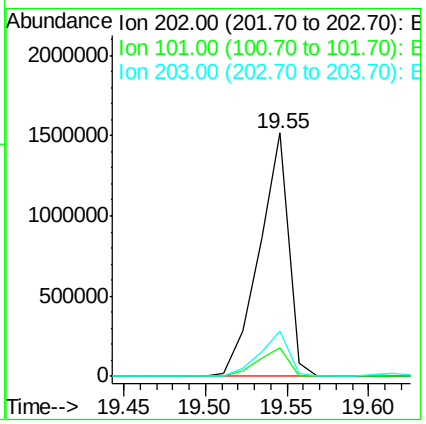


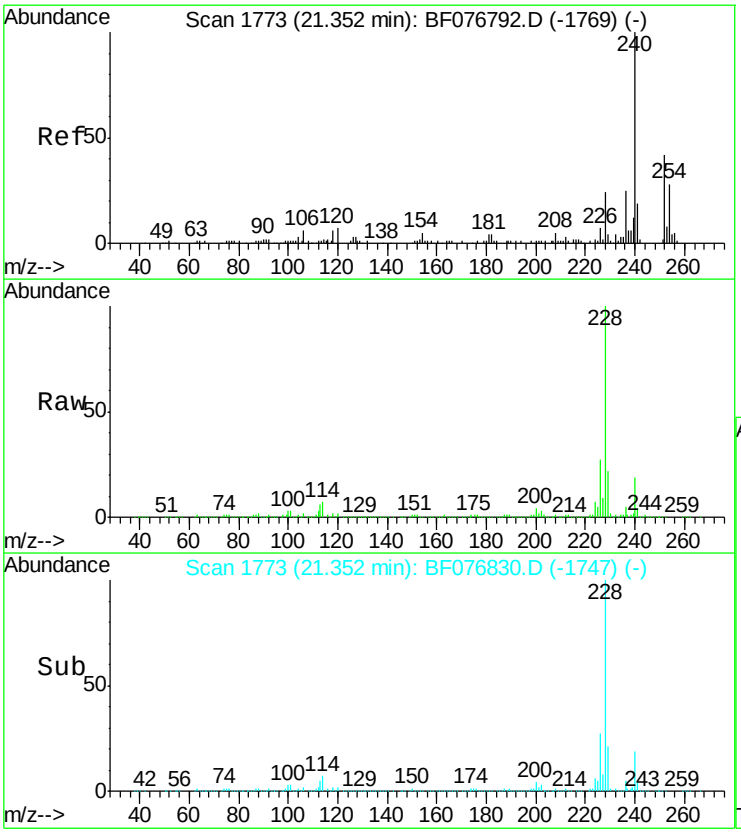
#74
Fluoranthene
Concen: 284.62 ng
RT: 19.55 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:202 Resp: 1895813

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	28.0
203	18.3	0.0	37.2

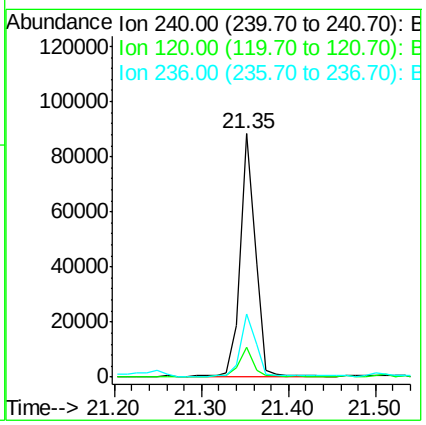


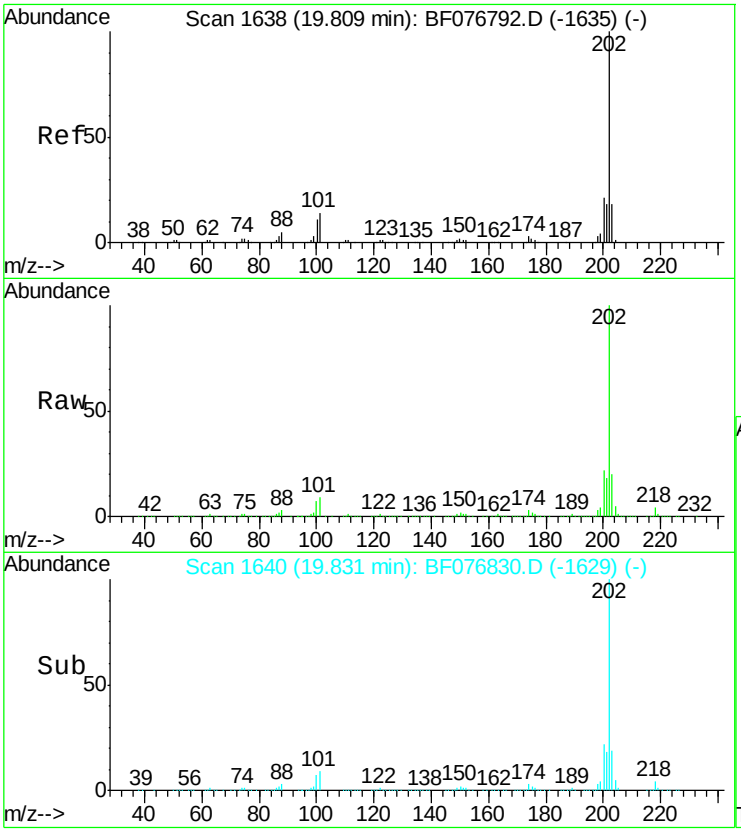


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:240 Resp: 108248

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.7	8.5#
236	26.2	19.7	29.5



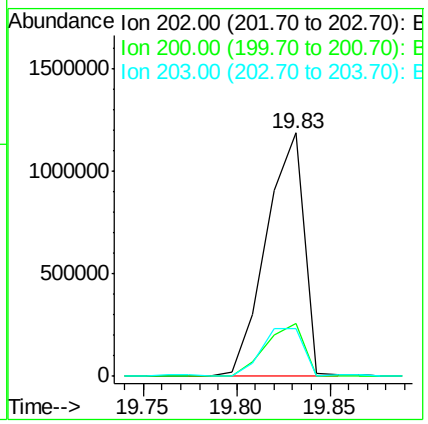


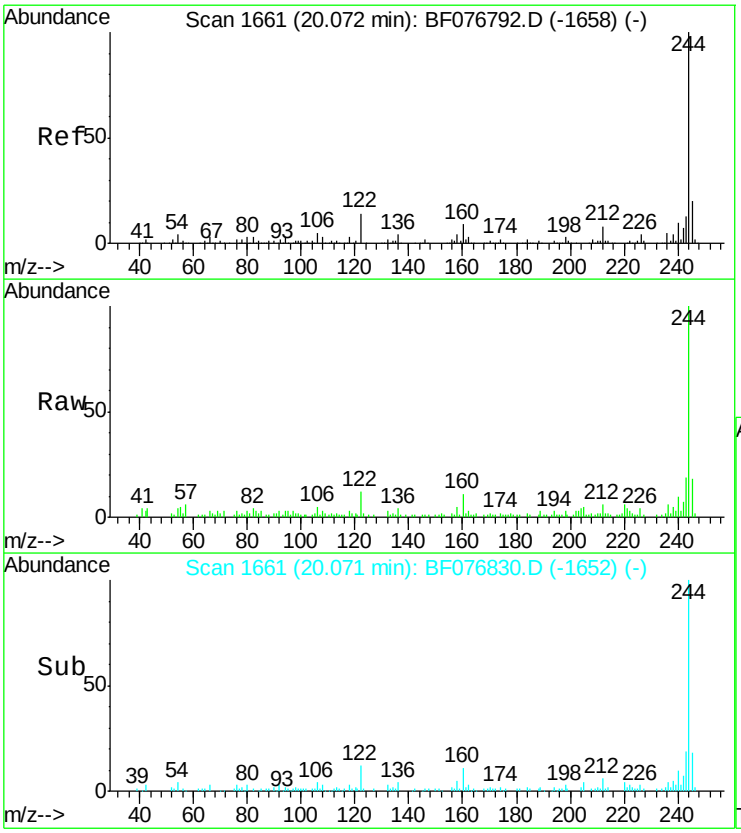
#77
Pyrene
Concen: 214.52 ng
RT: 19.83 min Scan# 1640
Delta R.T. 0.02 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:202 Resp: 1670842

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.6	25.0
203	19.7	14.6	22.0

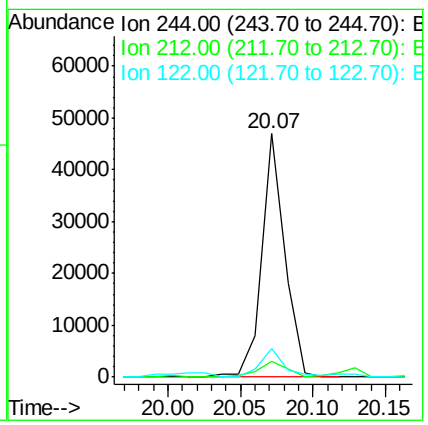


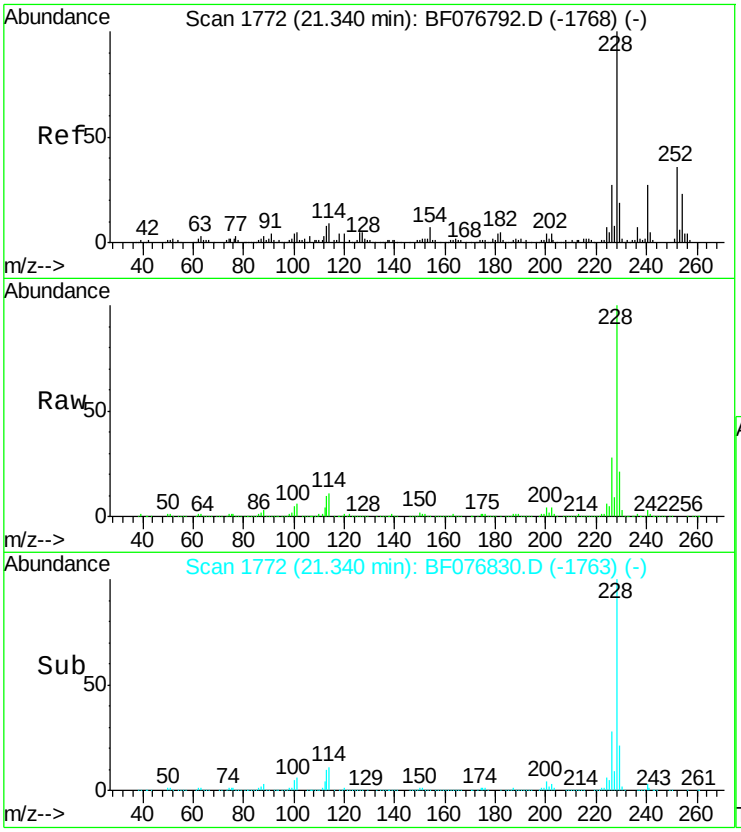


#78
Terphenyl-d14
Concen: 10.41 ng
RT: 20.07 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:244 Resp: 51307

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	11.9	11.3	16.9



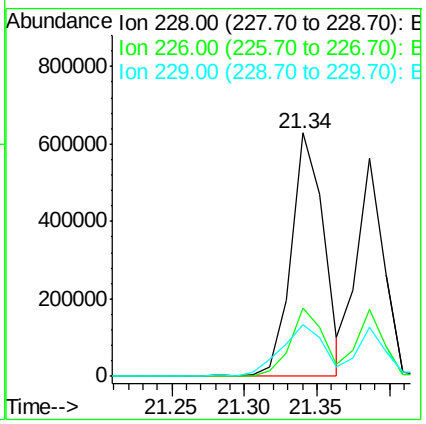


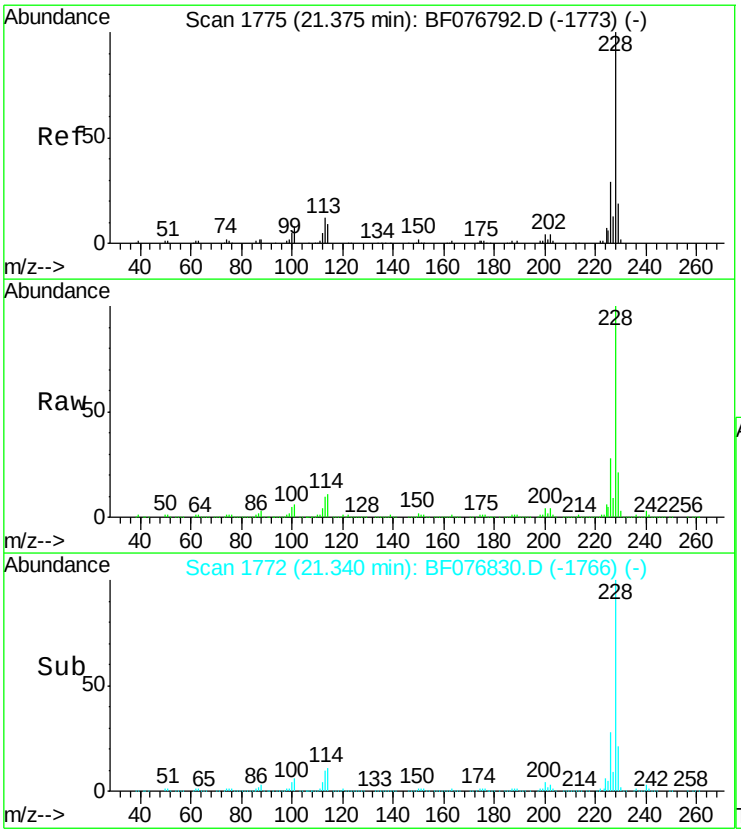
#80
Benzo(a)anthracene
Concen: 141.02 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:228 Resp: 972483

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.0
229	21.2	15.0	22.4

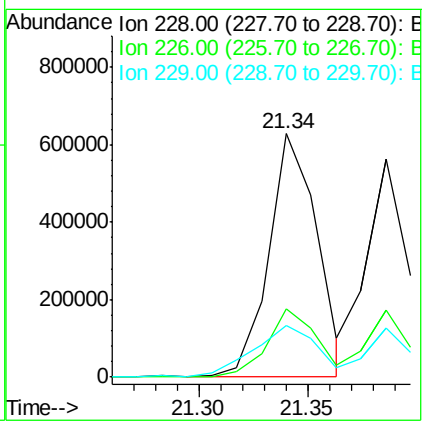


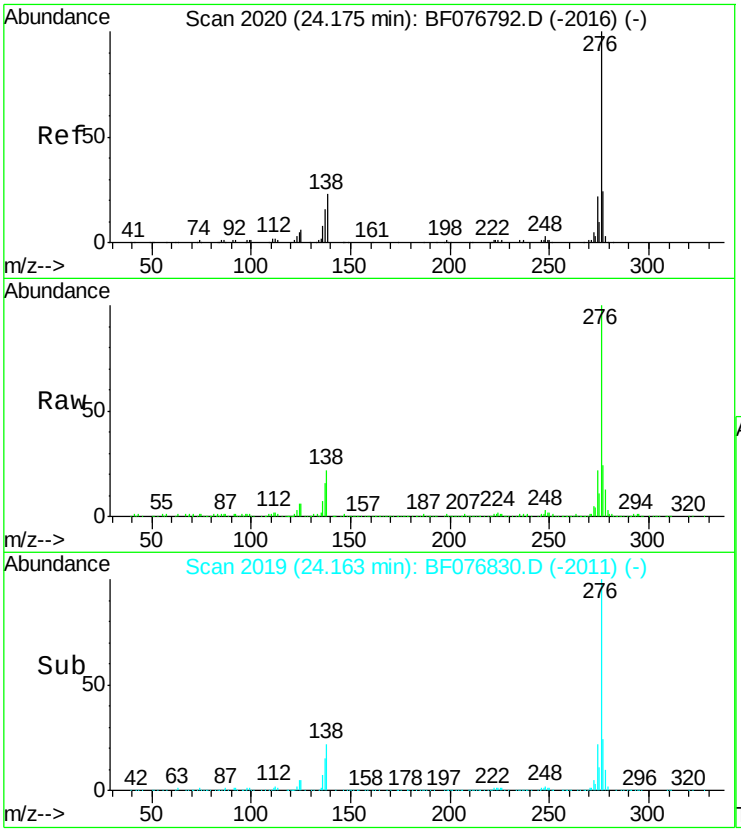


#82
Chrysene
Concen: 154.97 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.03 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:228 Resp: 966900

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.3	34.9
229	21.2	14.6	22.0



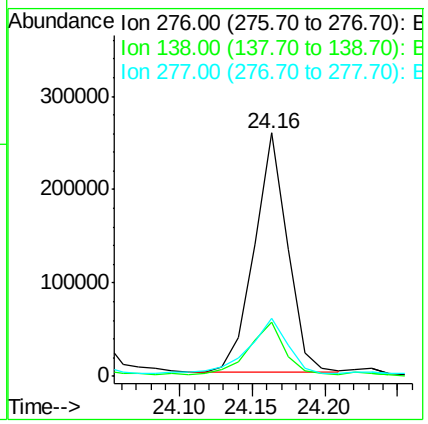


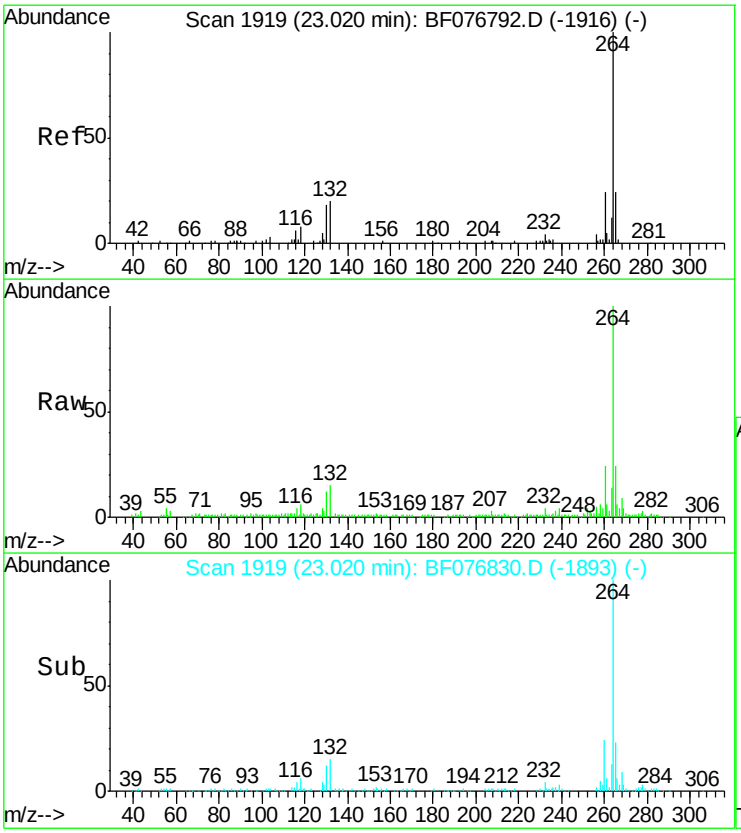
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.02 ng
RT: 24.16 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:276 Resp: 407619

Ion	Ratio	Lower	Upper
276	100		
138	22.6	0.0	0.0#
277	27.2	0.0	0.0#

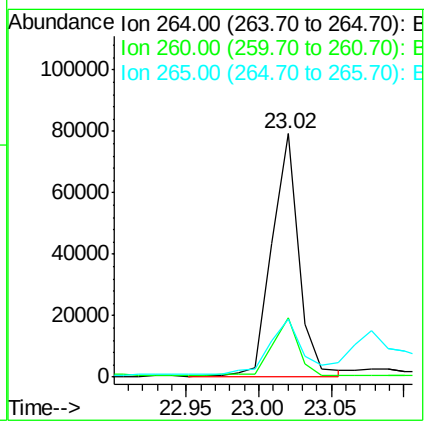


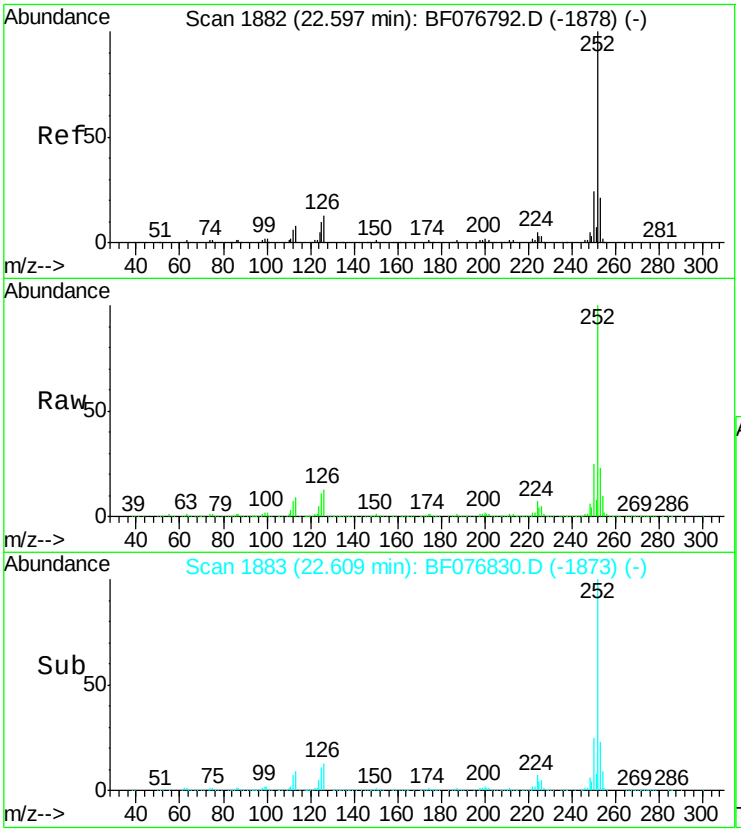


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.02 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:264 Resp: 101117

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	23.6	18.9	28.3



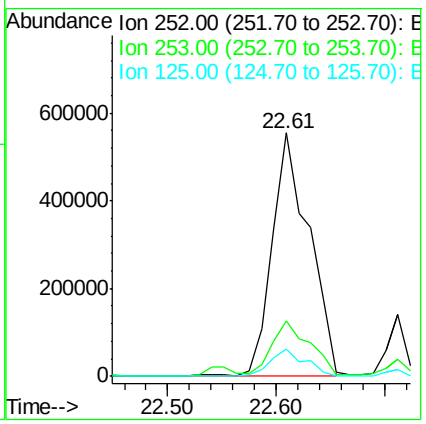


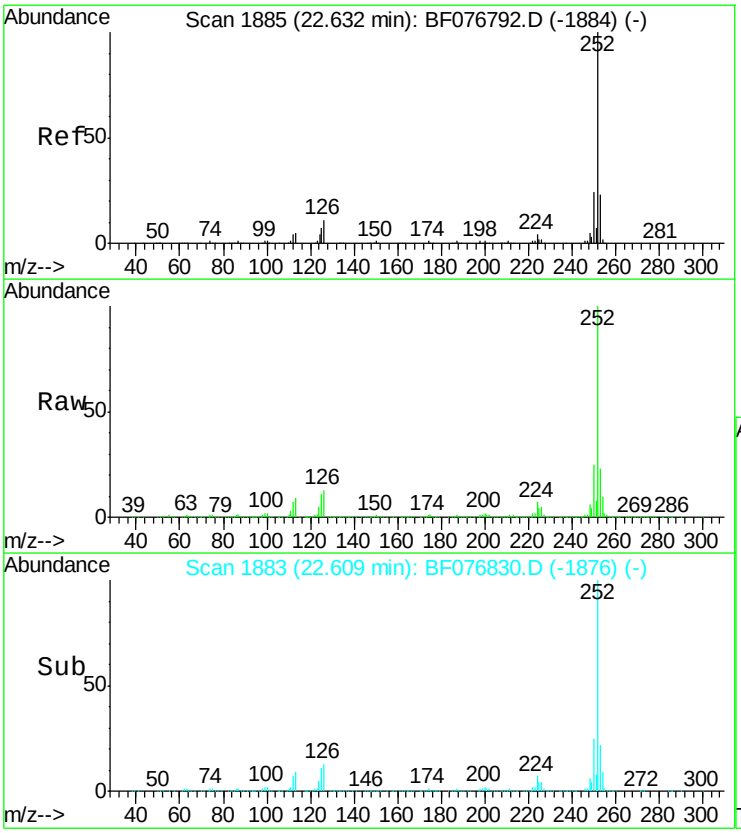
#87
Benzo(b)fluoranthene
Concen: 186.10 ng
RT: 22.61 min Scan# 1883
Delta R.T. 0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:252 Resp: 1303464

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.6	25.0
125	11.4	8.1	12.1

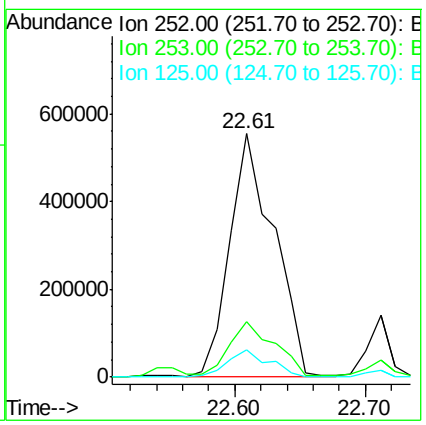


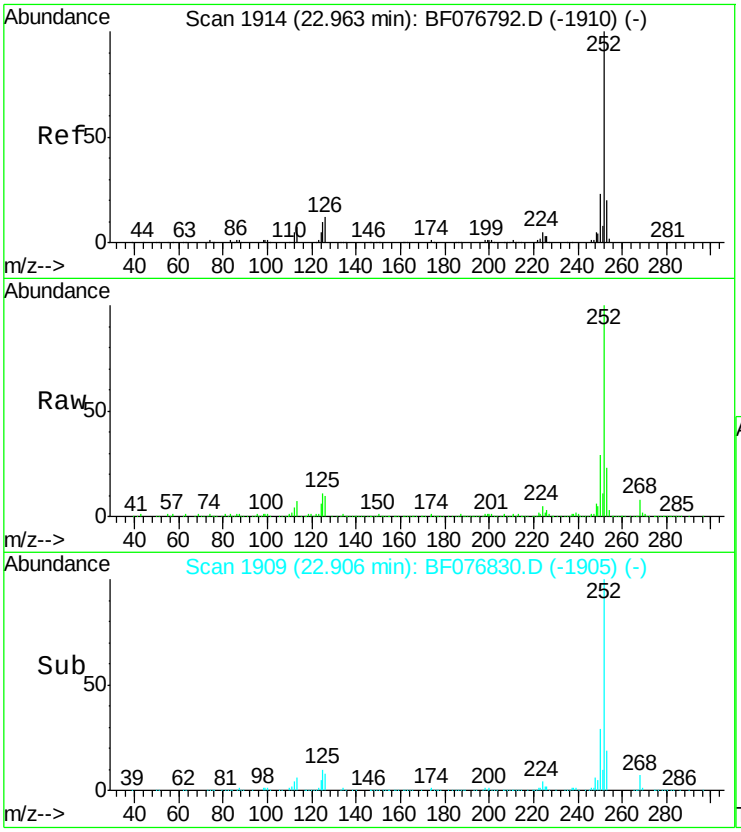


#88
Benzo(k)fluoranthene
Concen: 212.46 ng
RT: 22.61 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:252 Resp: 1300772

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.4	7.5	11.3#



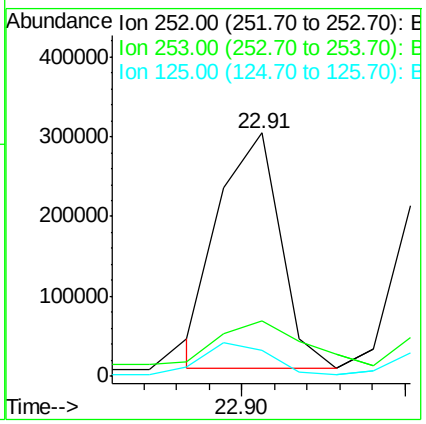


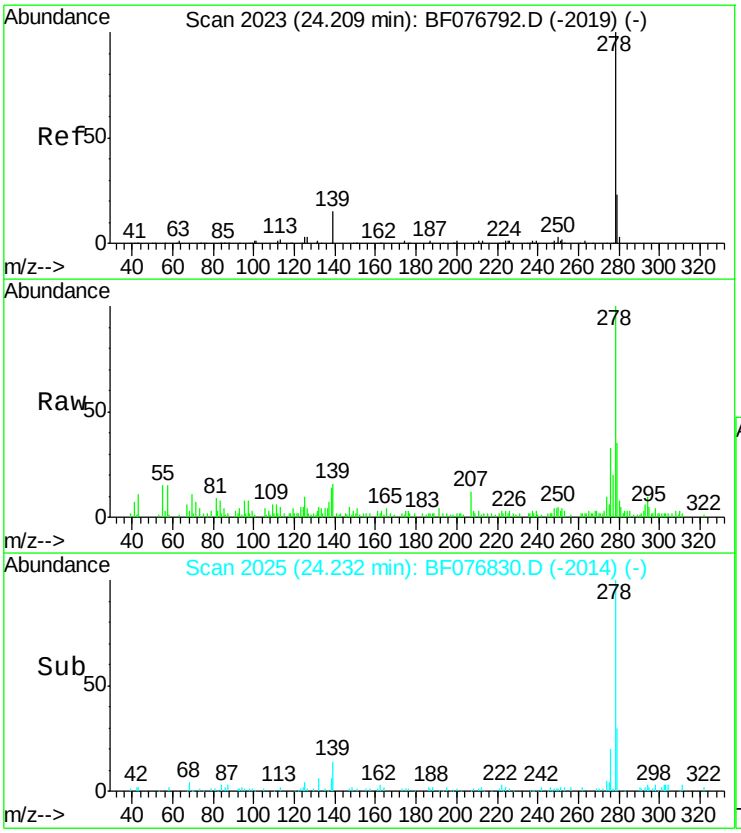
#89
Benzo(a)pyrene
Concen: 63.66 ng
RT: 22.91 min Scan# 1909
Delta R.T. -0.06 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:252 Resp: 383174

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.2	24.4
125	10.8	7.8	11.6

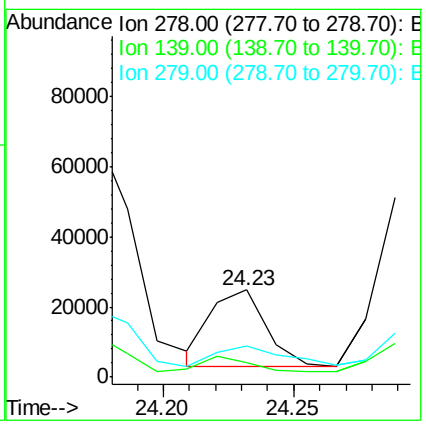


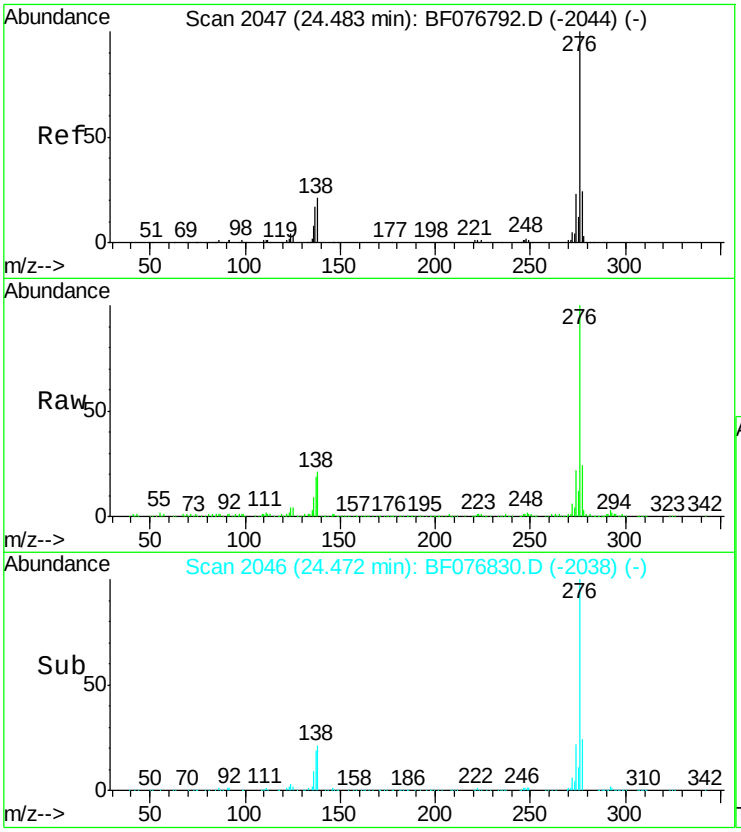


#90
Dibenzo(a,h)anthracene
Concen: 5.84 ng
RT: 24.23 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Tgt Ion:278 Resp: 32051

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.2	18.4
279	35.5	17.9	26.9#





#91
Benzo(g,h,i)perylene
Concen: 67.50 ng
RT: 24.47 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF076830.D
Acq: 13 Jan 2015 5:19

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)

Tgt Ion:276 Resp: 377769

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	21.1	16.7	25.1