Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 01:03:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33757	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	144715	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	72264	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	118315	20.00	ng		0.00
75) Chrysene-d12	21.31	240	115009	20.00	ng		0.00
86) Perylene-d12	22.99	264	108306	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	248291	120.93	ng		0.00
7) Phenol-d6	7.42	99	313157	120.91	ng		0.00
23) Nitrobenzene-d5	9.32	82	190354	72.87	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	65183	111.12	ng		0.00
44) 2-Fluorobiphenyl	13.58	172	314448	66.22	ng		-0.01
78) Terphenyl-d14	20.04	244	274308	54.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.48	88	3050	3.47	ng	#	18
9) Benzaldehyde	6.98	77	374	Below Cal		#	1
10) Phenol	7.45	94	5992	2.18	ng		74
37) 2-Methylnaphthalene	12.63	142	20260	3.98	ng		97
49) Dimethylphthalate	14.64	163	69827	13.63	ng		97
56) 2,4-Dinitrotoluene	15.65	165	216	2.25	ng	#	20
62) Azobenzene	16.67	77	44455	8.24	ng	#	1
70) Phenanthrene	17.85	178	26208	3.55	ng		96
74) Fluoranthene	19.49	202	56759	7.51	ng		98
77) Pyrene	19.77	202	53046	6.73	ng	#	93
80) Benzo(a)anthracene	21.29	228	32714	4.53	ng		98
82) Chrysene	21.34	228	26851	4.08	ng		98
85) Indeno(1,2,3-cd)pyrene	24.13	276	20252	2.90	ng	#	79
87) Benzo(b)fluoranthene	22.56	252	49285	6.76	ng		97
88) Benzo(k)fluoranthene	22.56	252	49285	7.73	ng	#	94
89) Benzo(a)pyrene	22.92	252	29393	4.57	ng		94
91) Benzo(g,h,i)perylene	24.43	276	26997	4.60	ng	#	92

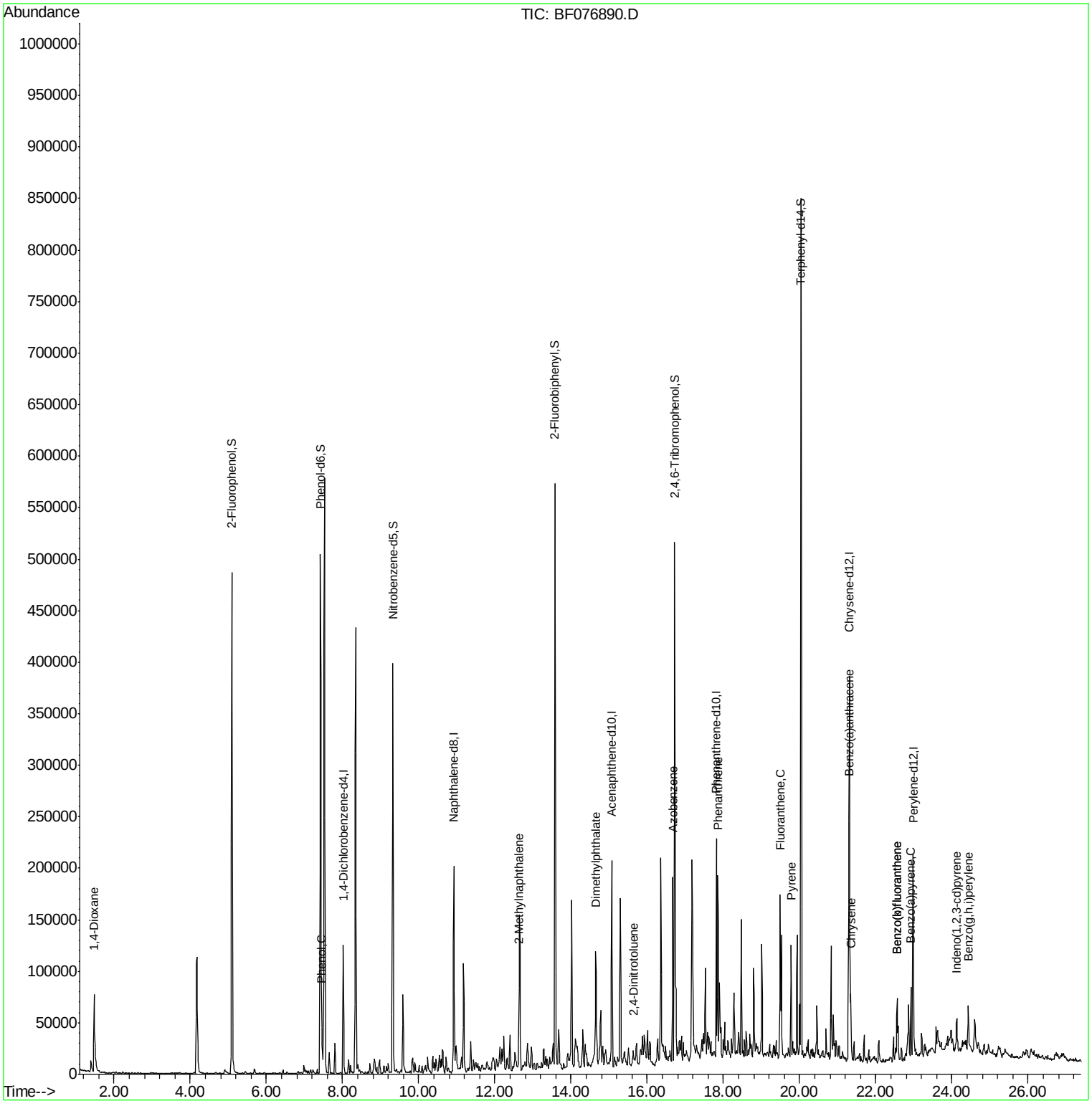
(#) = qualifier out of range (m) = manual integration (+) = signals summed

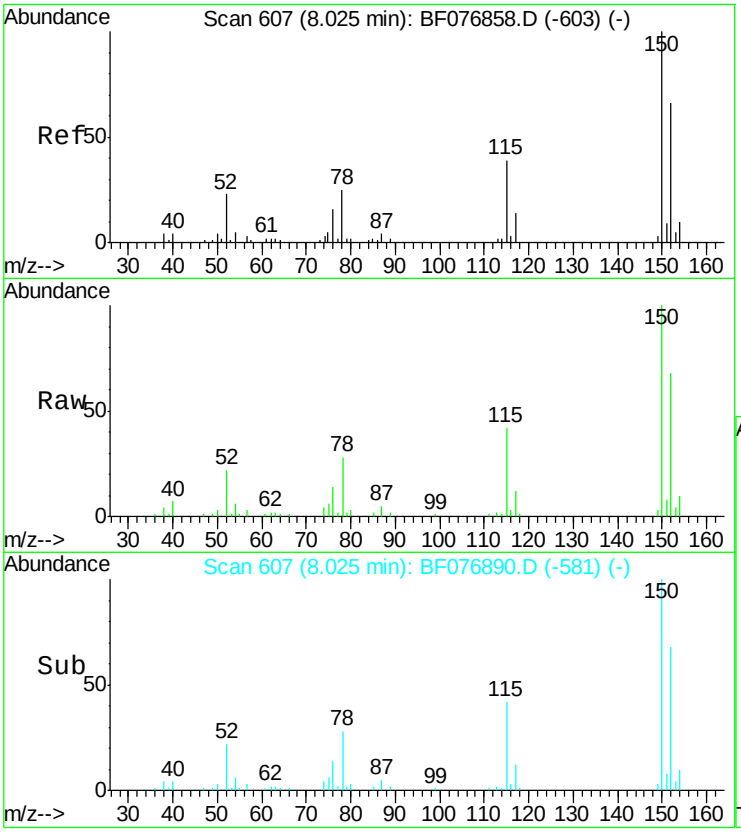
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 01:03:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration



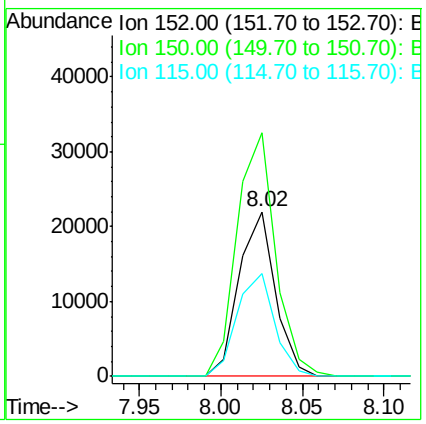


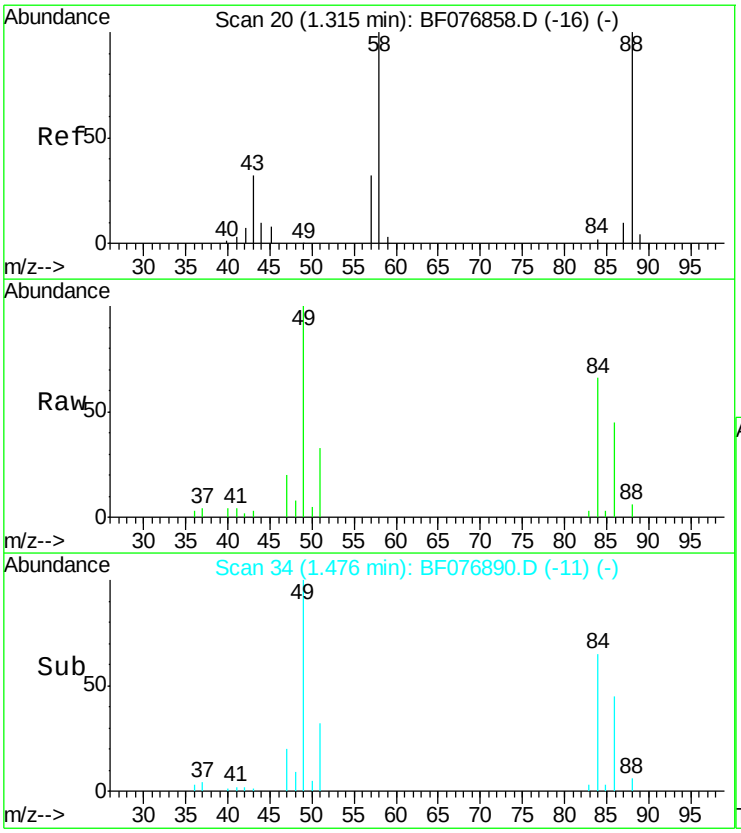
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 33757

Ion	Ratio	Lower	Upper
152	100		
150	147.9	121.7	182.5
115	62.3	47.0	70.6

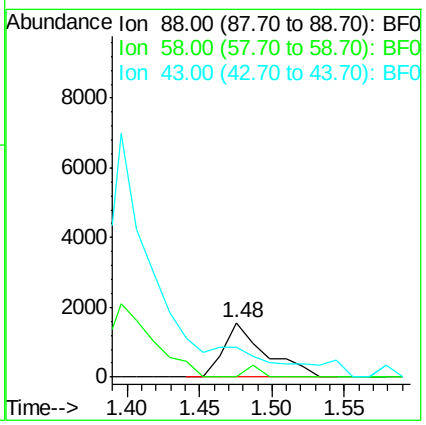


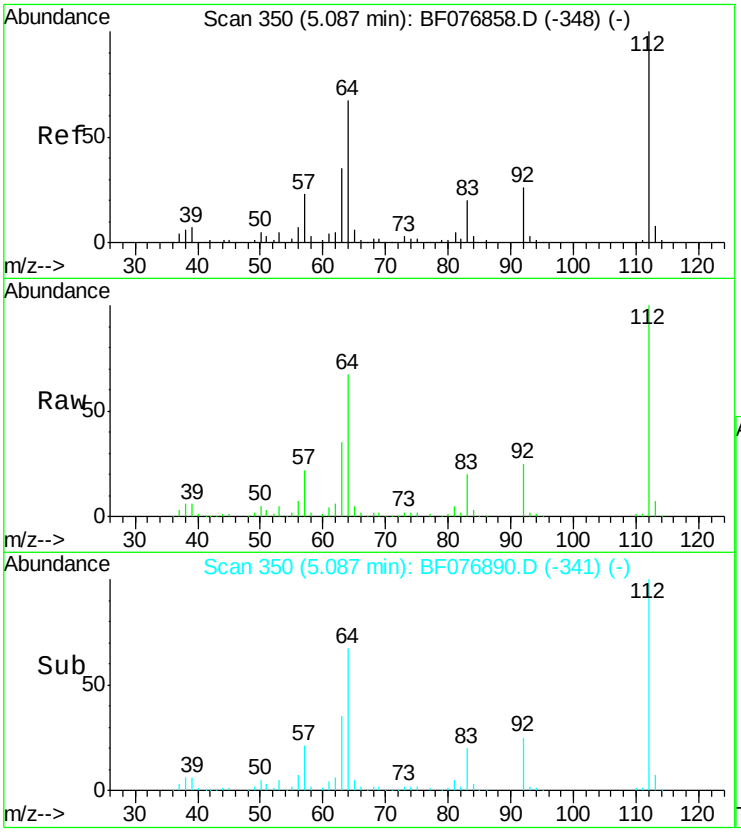


#2
1,4-Dioxane
Concen: 3.47 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion: 88 Resp: 3050

Ion	Ratio	Lower	Upper
88	100		
58	7.5	77.0	115.4#
43	0.0	25.6	38.4#



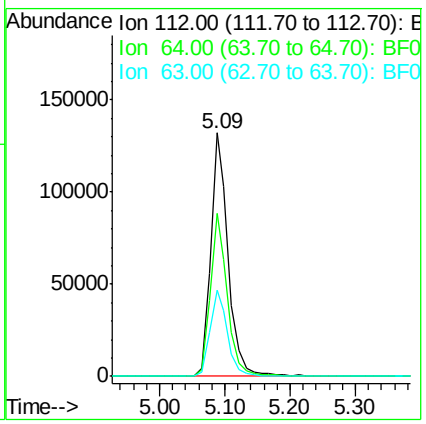


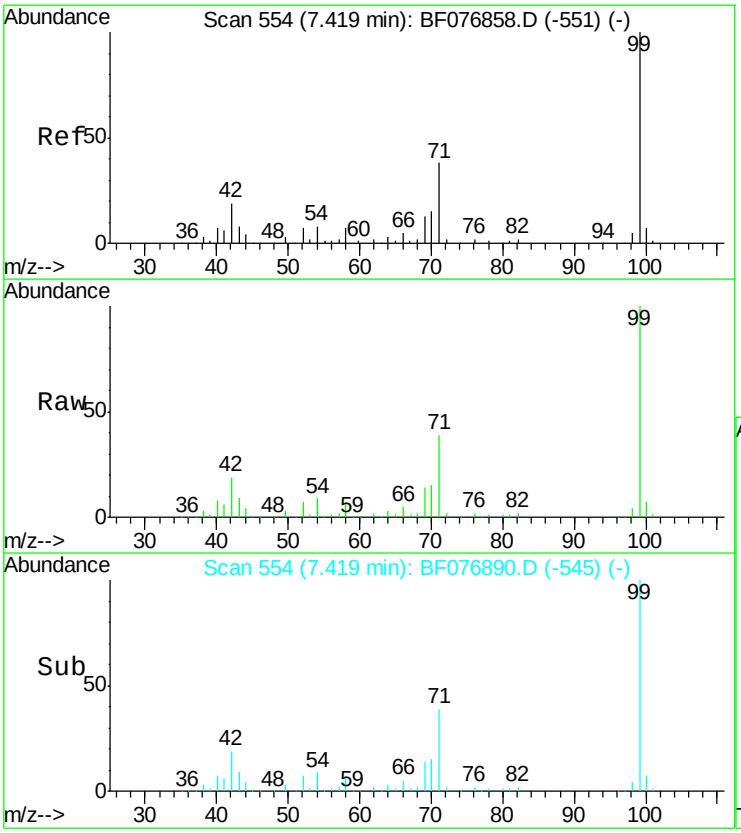
#5
2-Fluorophenol
Concen: 120.93 ng
RT: 5.09 min Scan# 350
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 248291

Ion	Ratio	Lower	Upper
112	100		
64	66.7	54.2	81.4
63	35.4	28.4	42.6

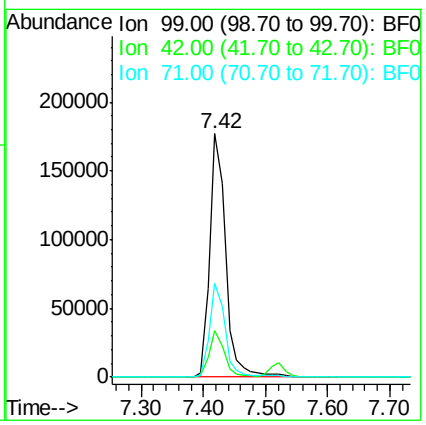


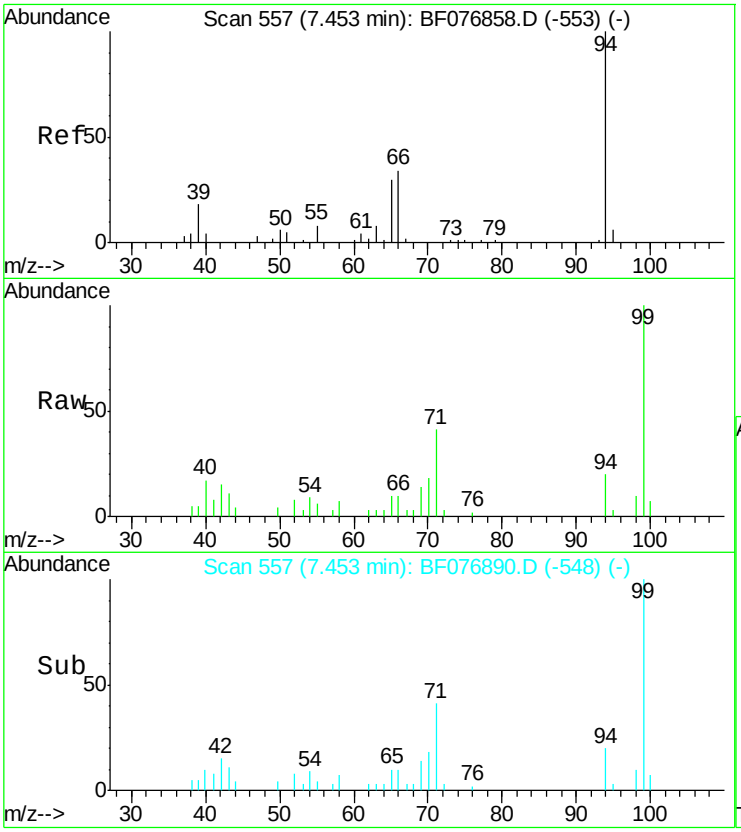


#7
Phenol-d6
Concen: 120.91 ng
RT: 7.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion: 99 Resp: 313157

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	38.8	30.5	45.7



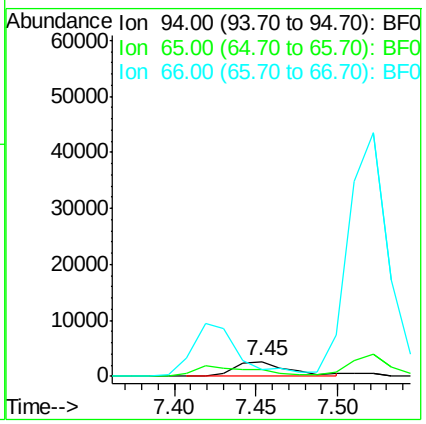


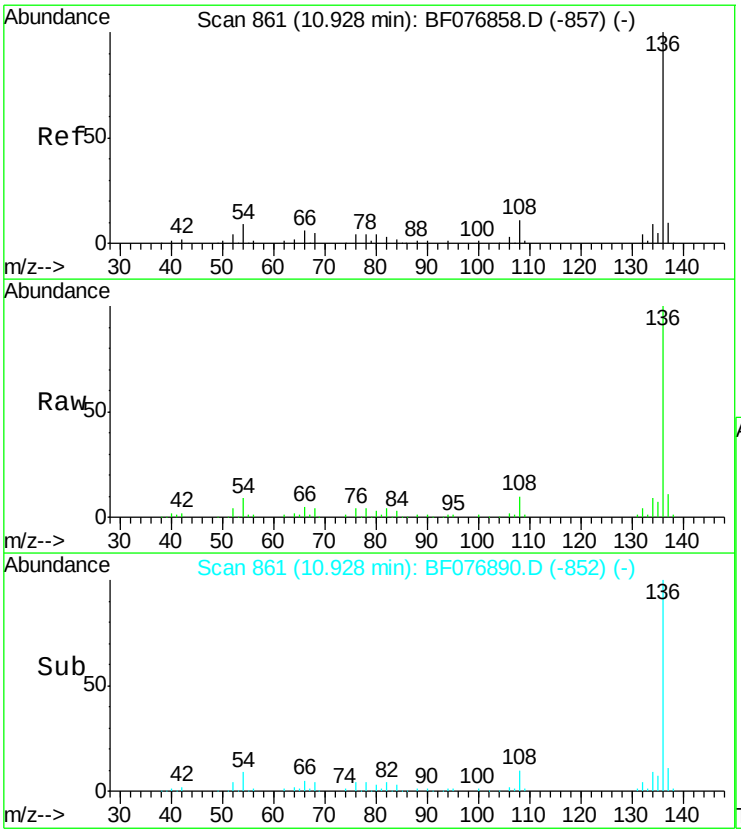
#10
Phenol
Concen: 2.18 ng
RT: 7.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 5992

Ion	Ratio	Lower	Upper
94	100		
65	51.2	11.3	51.3
66	50.8	19.5	59.5

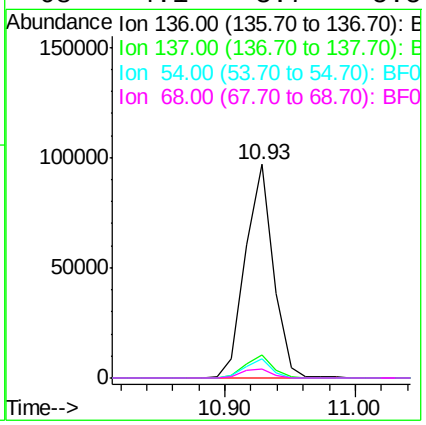


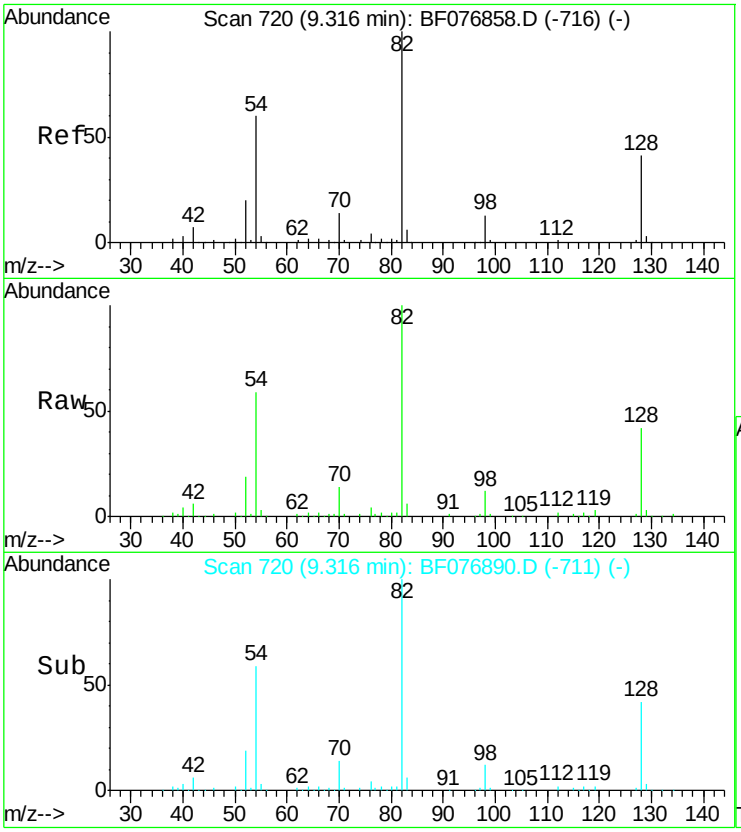


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:136 Resp: 144715

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	8.7	7.0	10.4
68	4.1	3.7	5.5



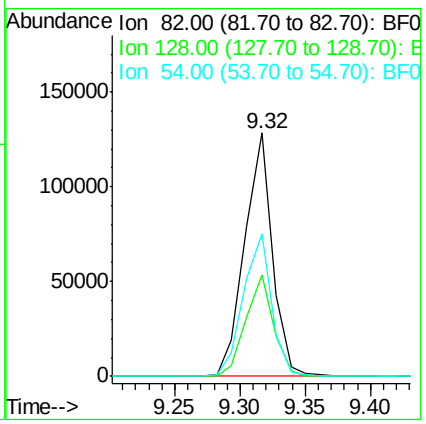


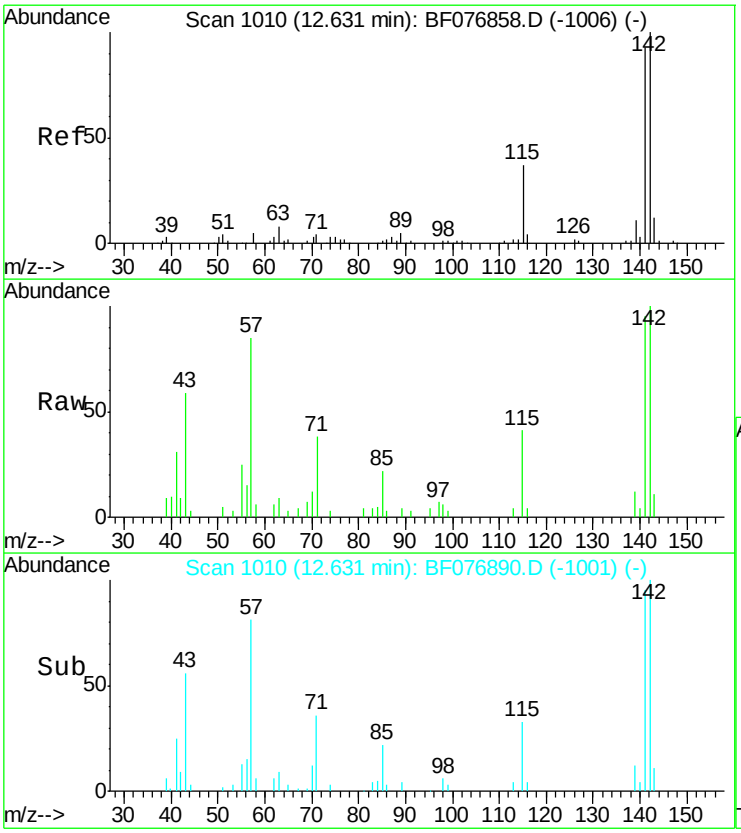
#23
Nitrobenzene-d5
Concen: 72.87 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 190354

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.1	49.7
54	58.6	48.3	72.5

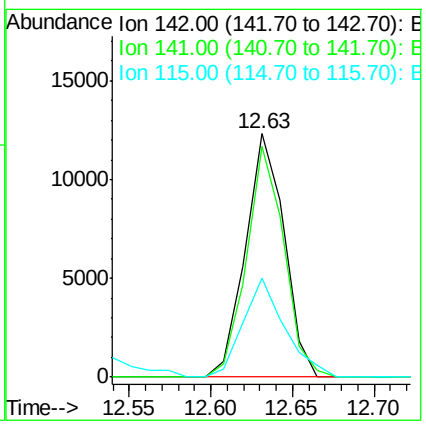


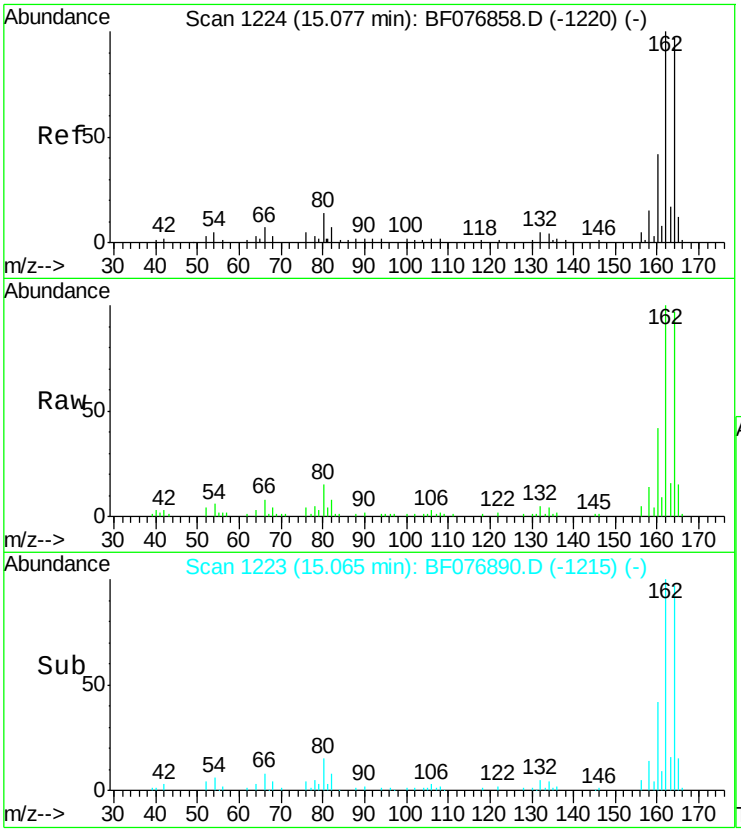


#37
2-Methylnaphthalene
Concen: 3.98 ng
RT: 12.63 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:142 Resp: 20260

Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.5	111.7
115	40.9	29.7	44.5



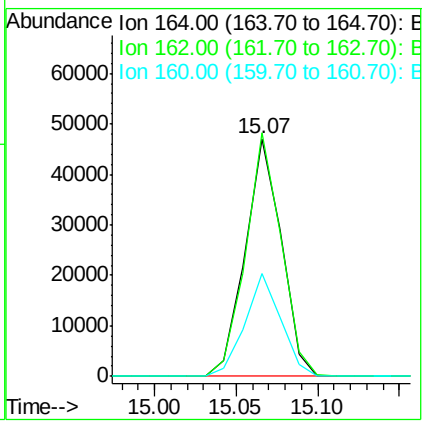


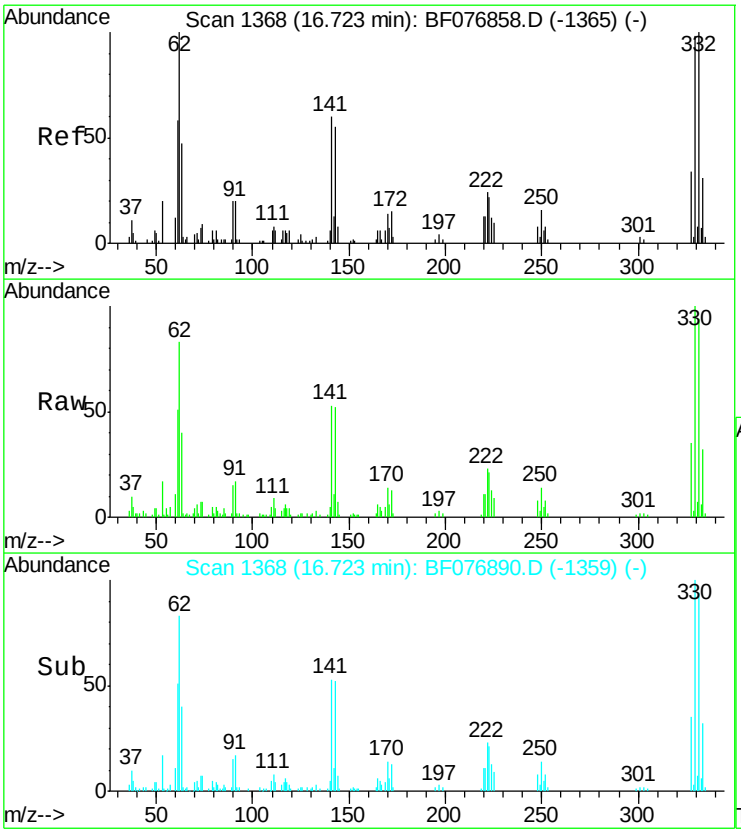
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 72264

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	43.4	34.8	52.2

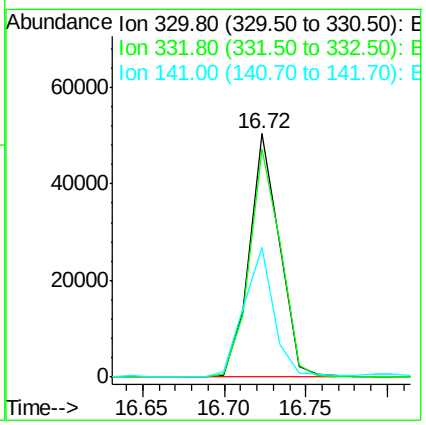


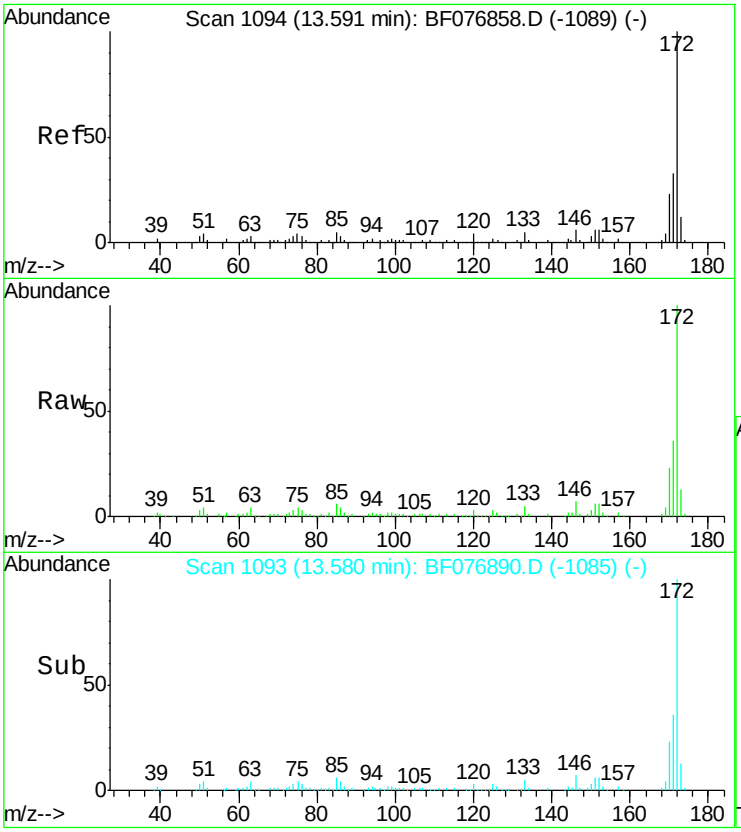


#41
2,4,6-Tribromophenol
Concen: 111.12 ng
RT: 16.72 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:330 Resp: 65183

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	52.9	38.5	57.7



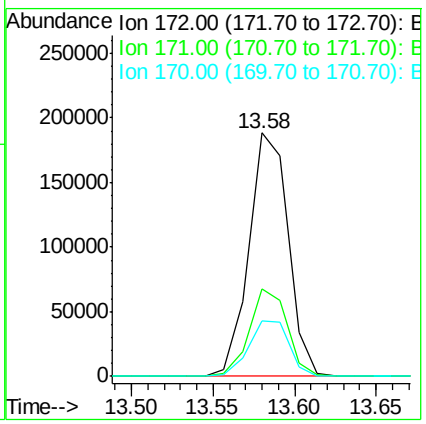


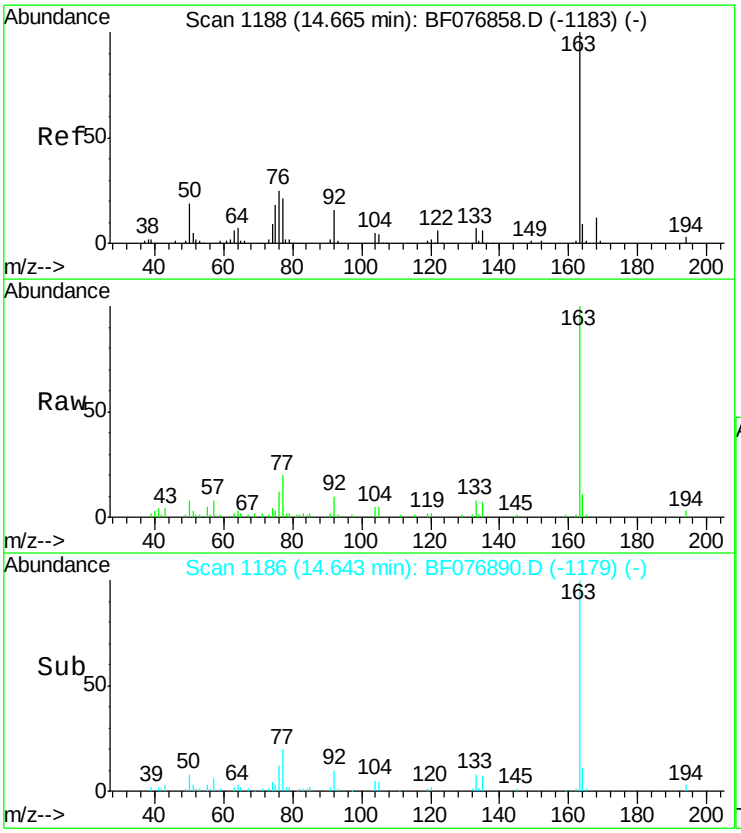
#44
2-Fluorobiphenyl
Concen: 66.22 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 314448

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.6	40.0
170	22.6	18.0	27.0

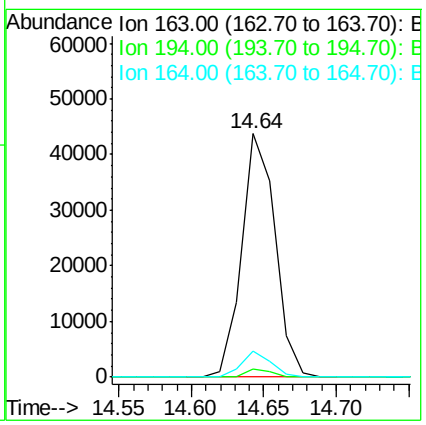


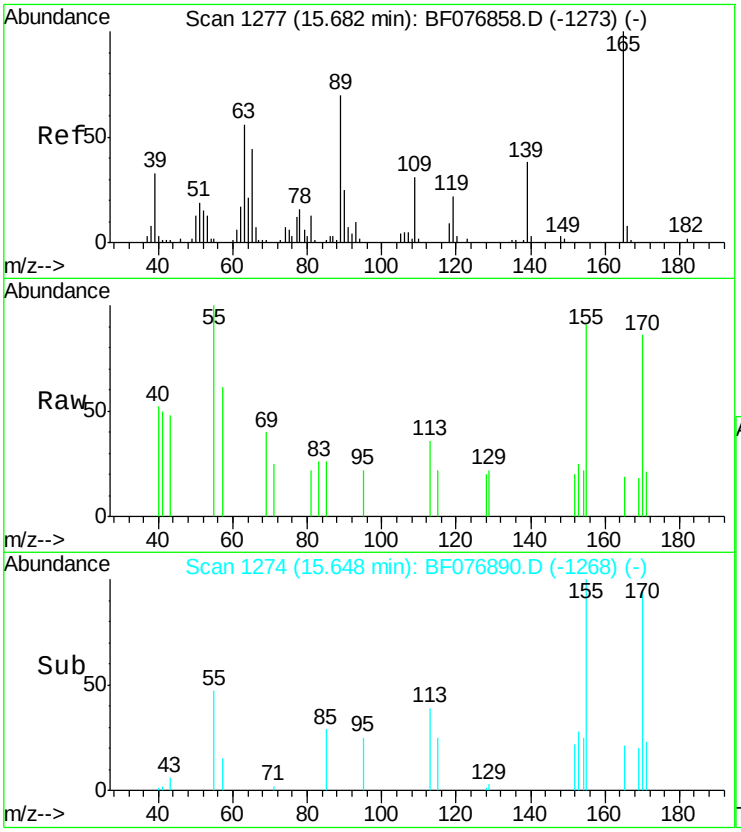


#49
Dimethylphthalate
Concen: 13.63 ng
RT: 14.64 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:163 Resp: 69827

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	7.5	11.3



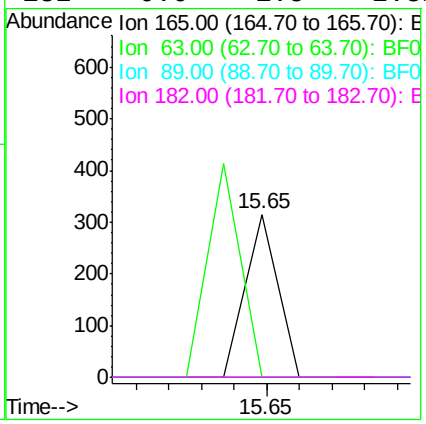


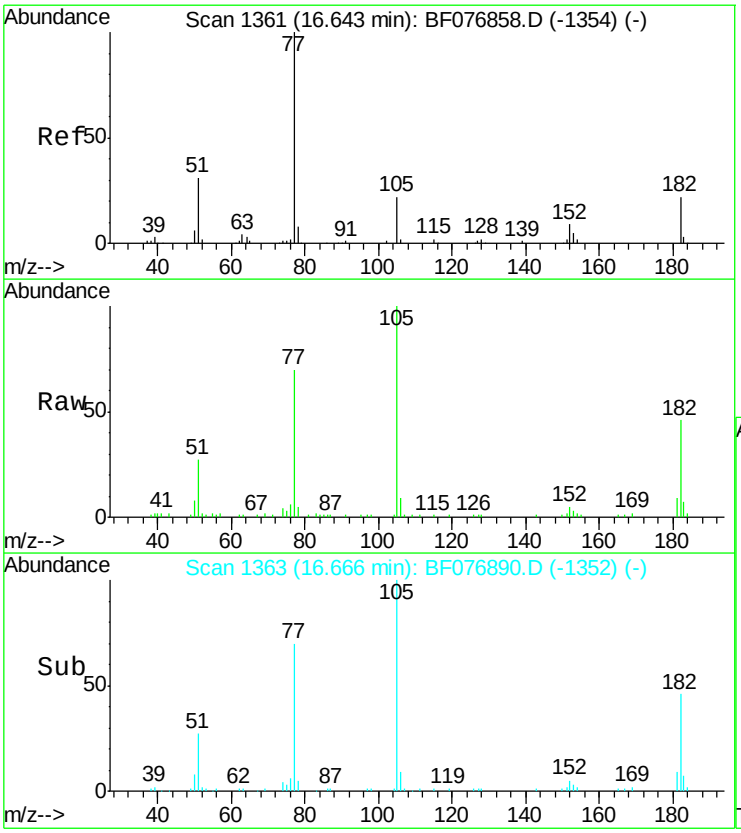
#56
2,4-Dinitrotoluene
Concen: 2.25 ng
RT: 15.65 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 216

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	56.2	84.2#
182	0.0	1.5	2.3#

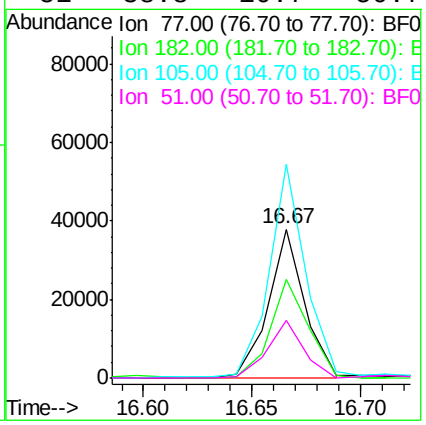


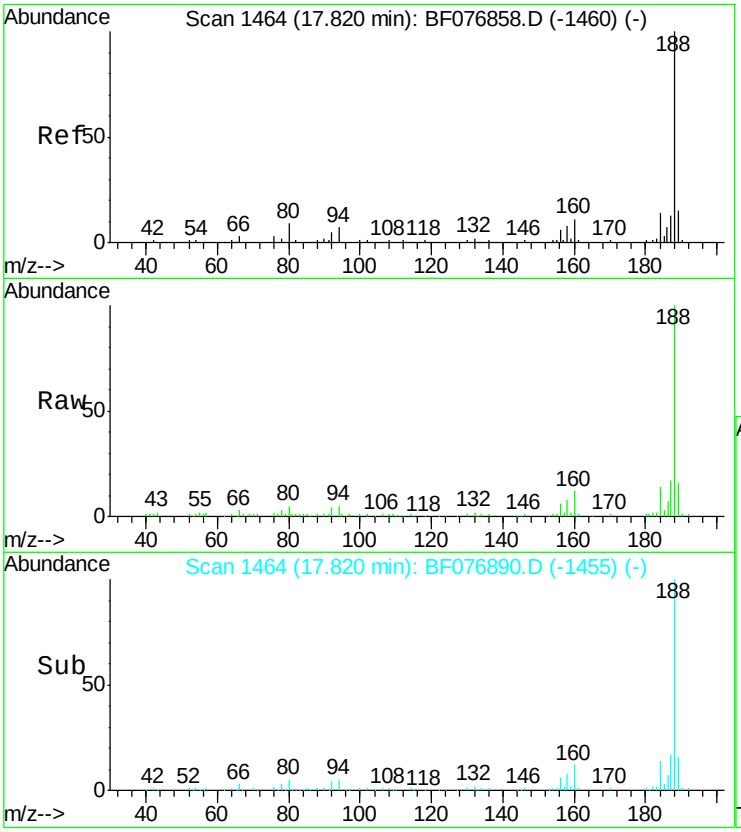


#62
Azobenzene
Concen: 8.24 ng
RT: 16.67 min Scan# 1363
Delta R.T. 0.02 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion: 77 Resp: 44455

Ion	Ratio	Lower	Upper
77	100		
182	66.1	2.0	42.0#
105	143.3	2.3	42.3#
51	38.8	10.7	50.7



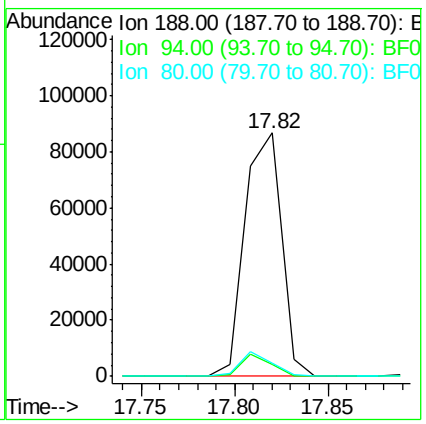


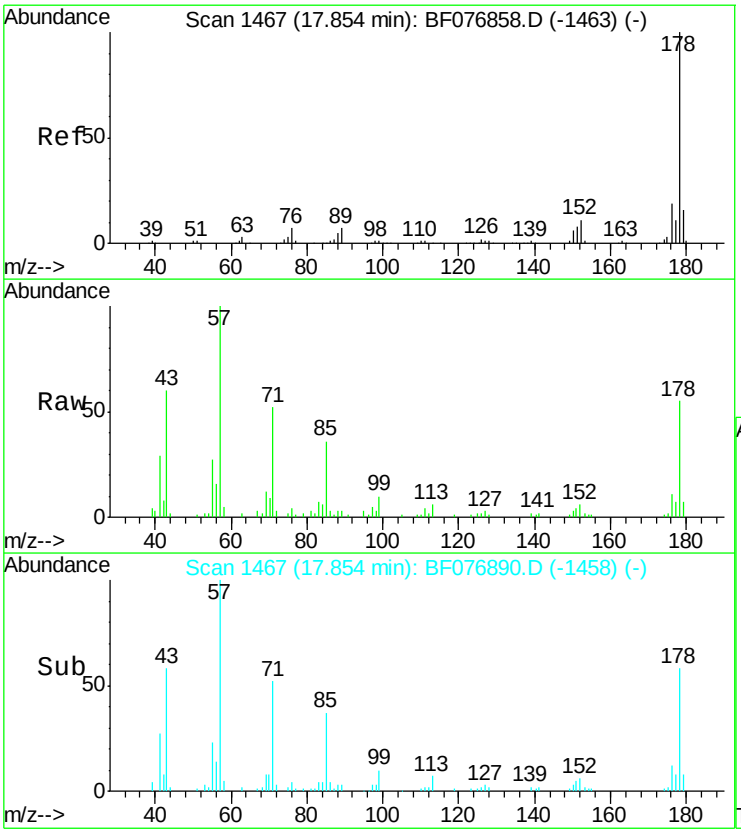
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 118315

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.0	9.0#
80	5.5	6.9	10.3#

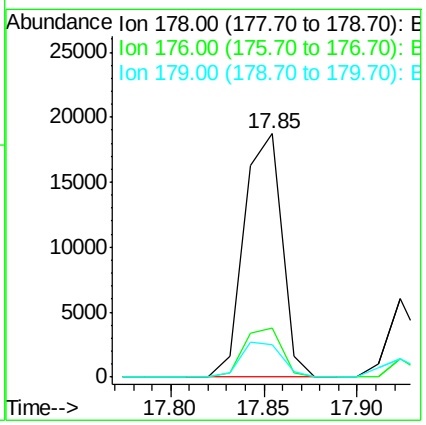


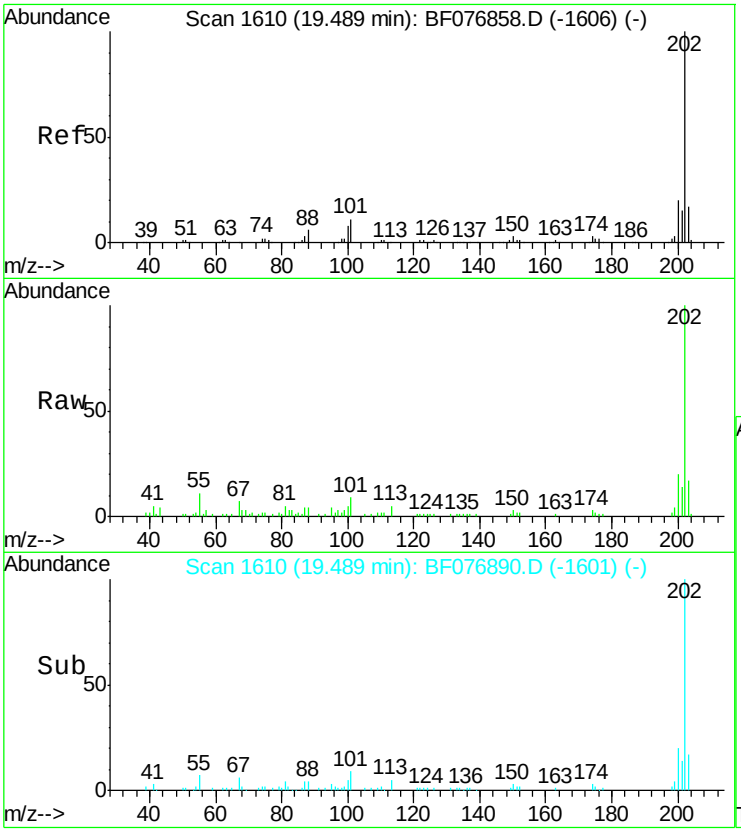


#70
Phenanthrene
Concen: 3.55 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:178 Resp: 26208

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	13.4	12.7	19.1



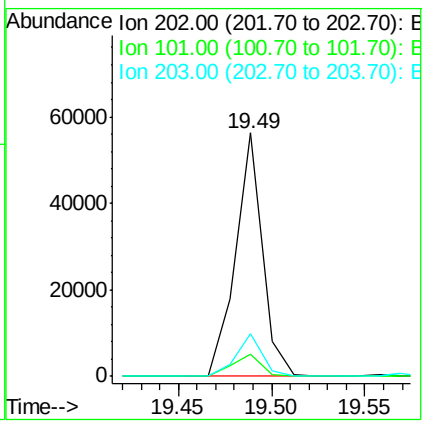


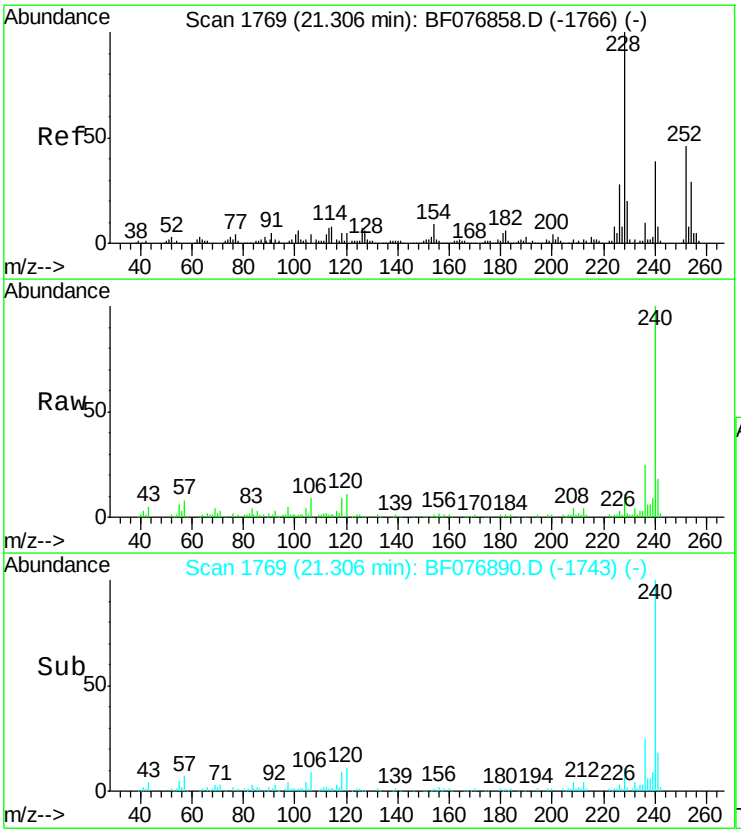
#74
Fluoranthene
Concen: 7.51 ng
RT: 19.49 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 56759

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.7
203	17.4	0.0	36.9

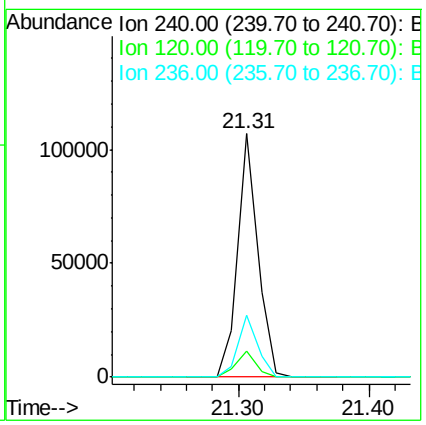


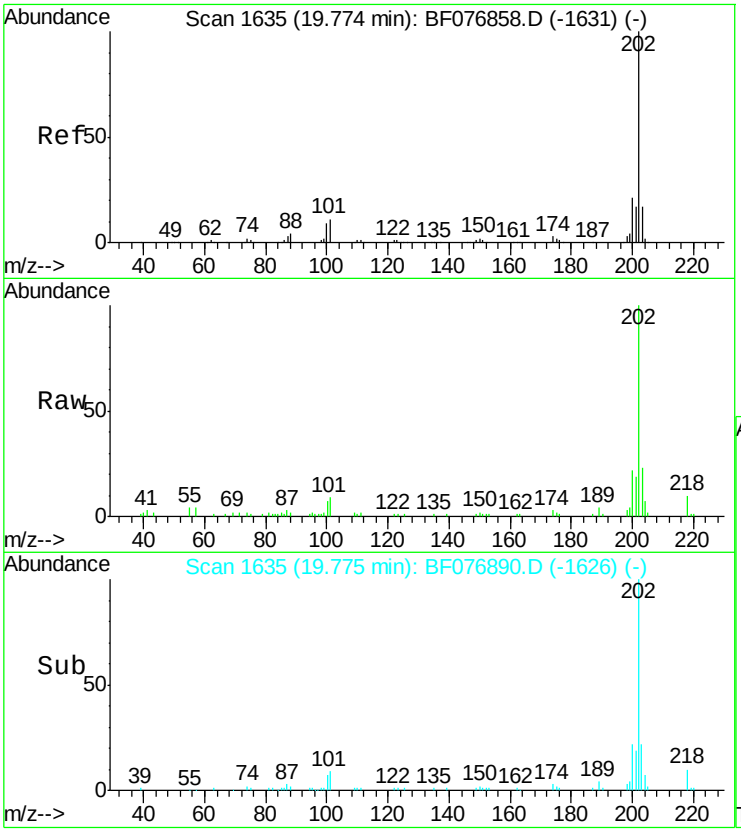


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:240 Resp: 115009

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.4	15.6
236	25.3	20.2	30.2



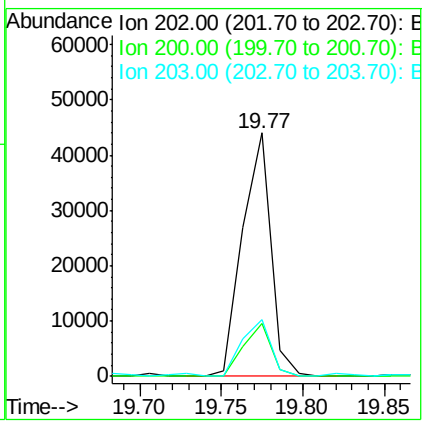


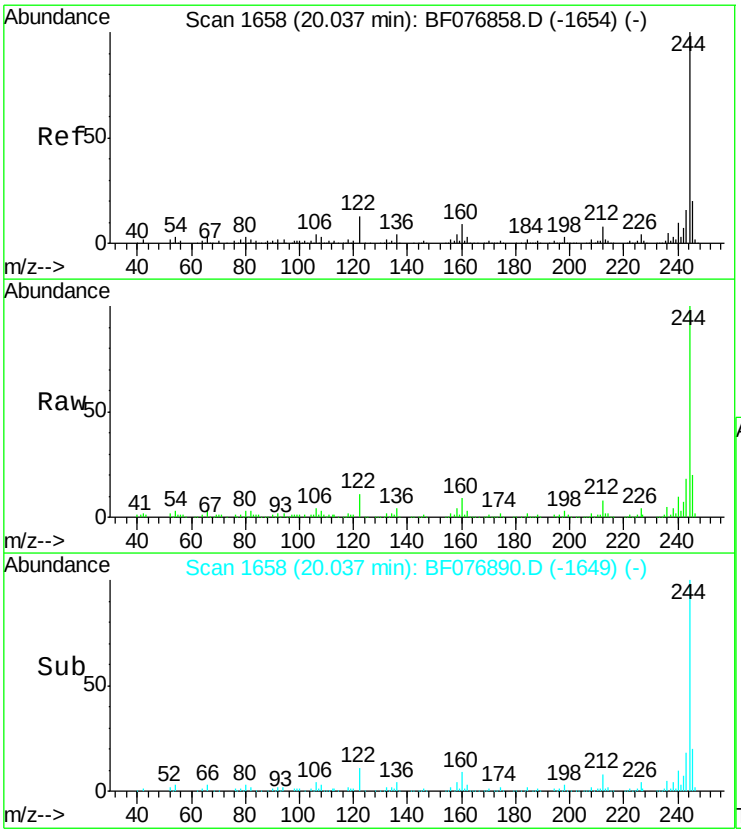
#77
Pyrene
Concen: 6.73 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53046

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	23.1	14.0	21.0#

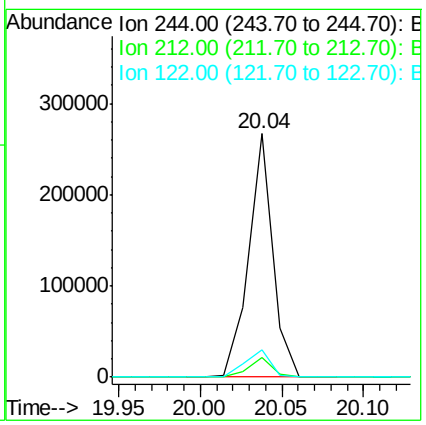


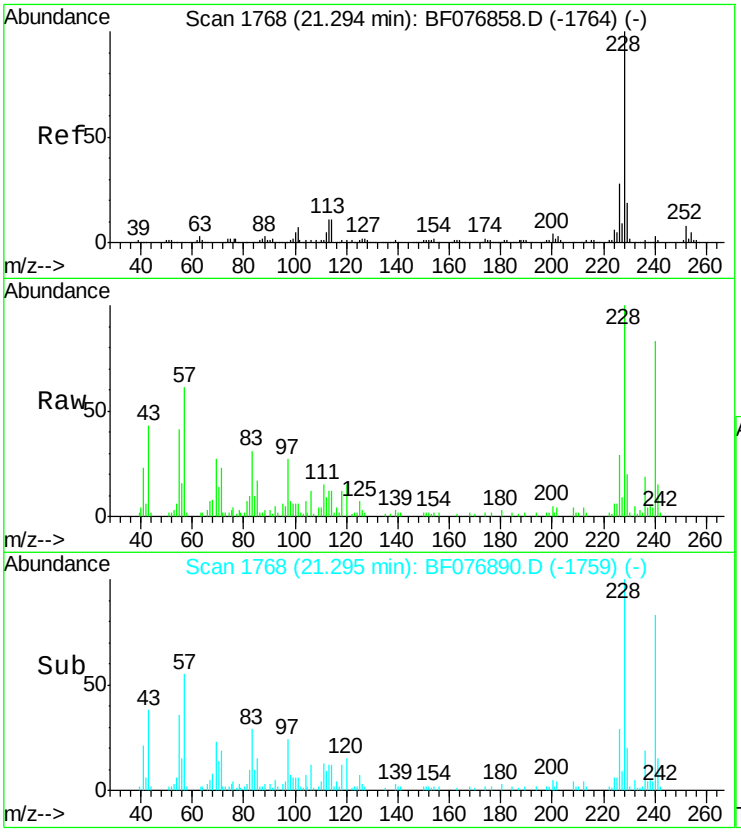


#78
Terphenyl-d14
Concen: 54.91 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:244 Resp: 274308

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	11.0	10.1	15.1



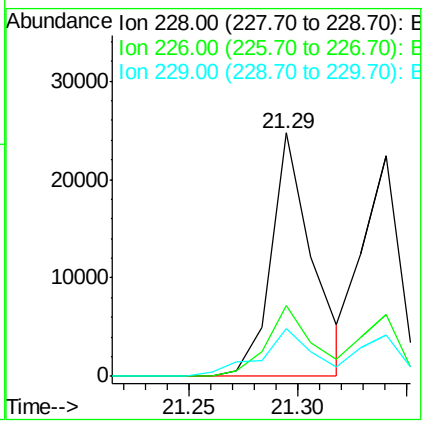


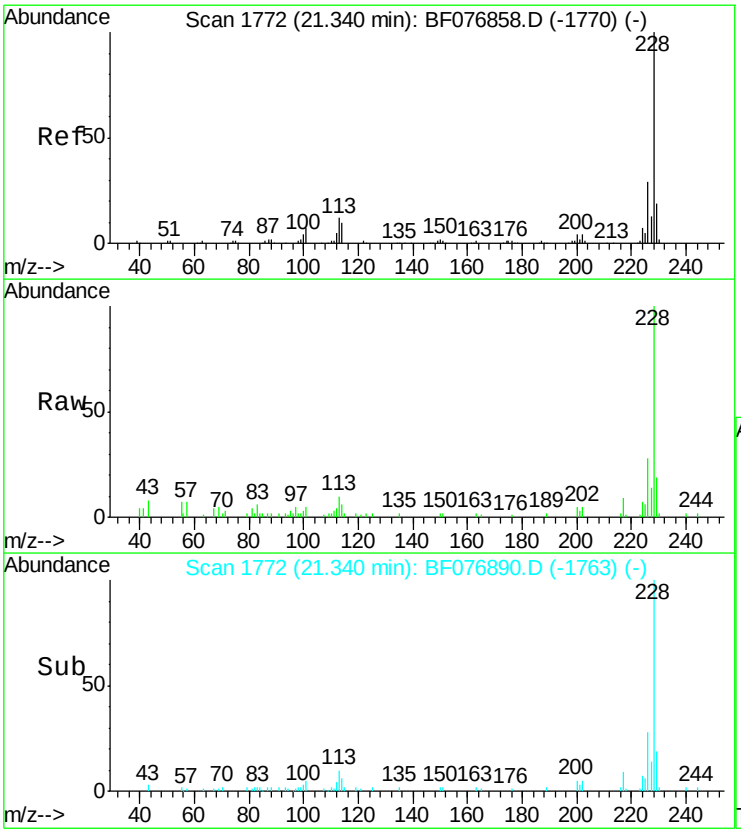
#80
Benzo(a)anthracene
Concen: 4.53 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32714

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	19.7	15.5	23.3

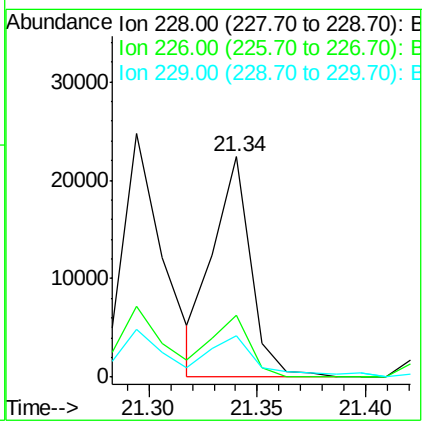


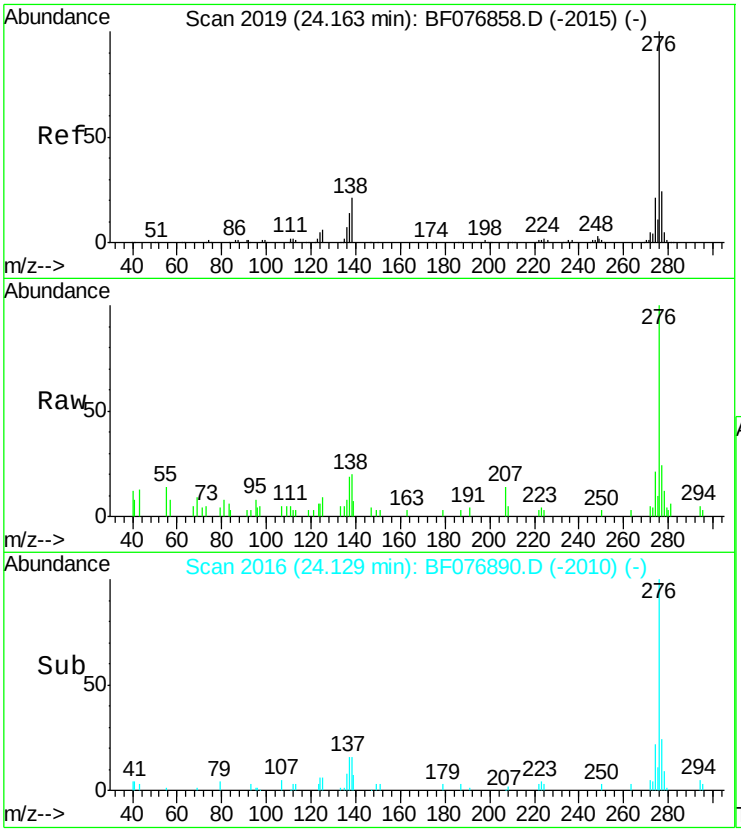


#82
Chrysene
Concen: 4.08 ng
RT: 21.34 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:228 Resp: 26851

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	18.7	15.4	23.0



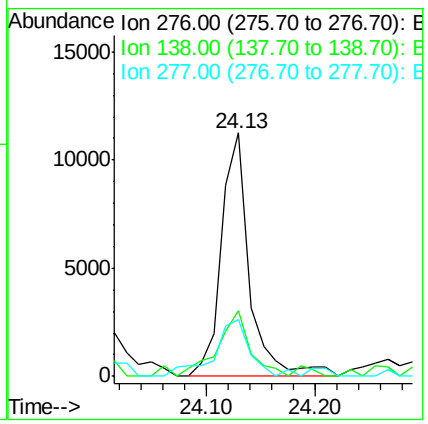


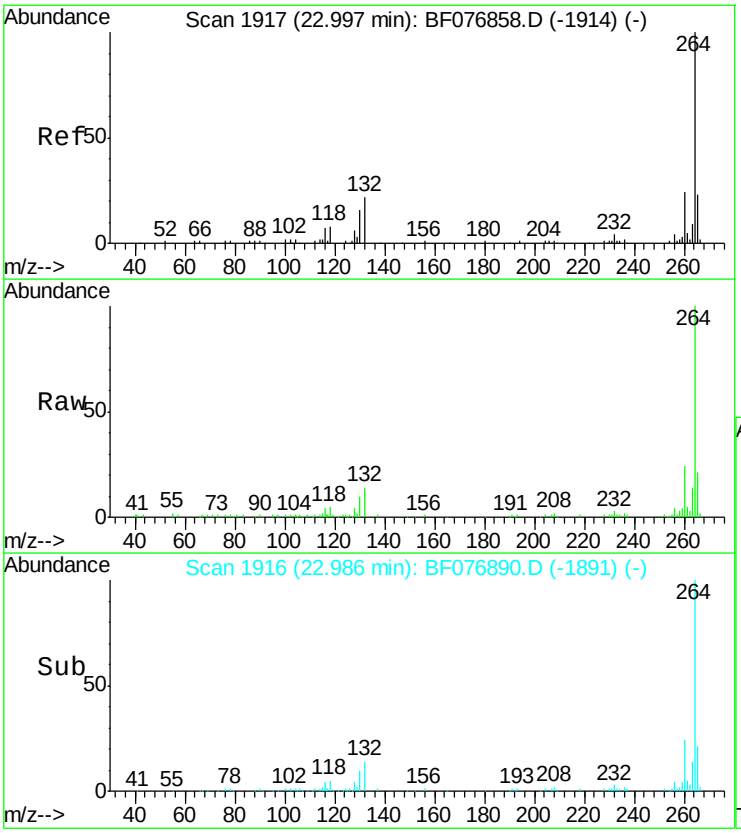
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng
RT: 24.13 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20252

Ion	Ratio	Lower	Upper
276	100		
138	29.2	14.6	22.0#
277	25.9	14.8	22.2#

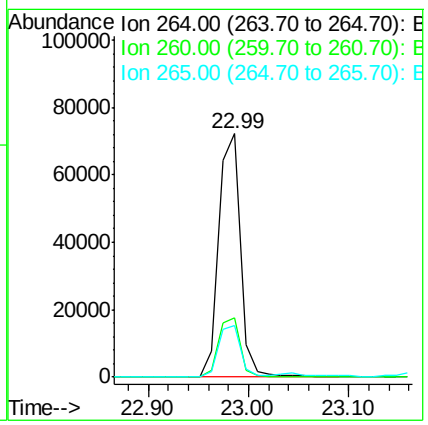


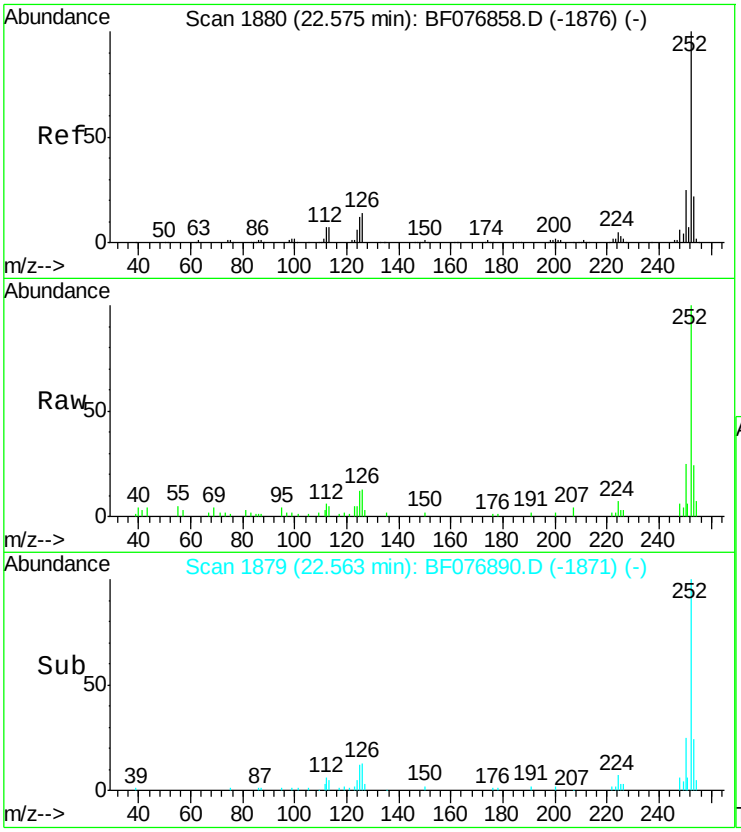


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:264 Resp: 108306

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.1	18.1	27.1



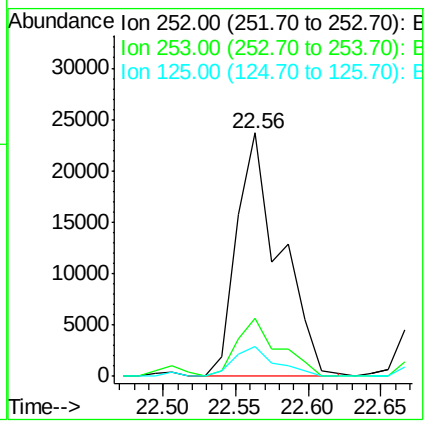


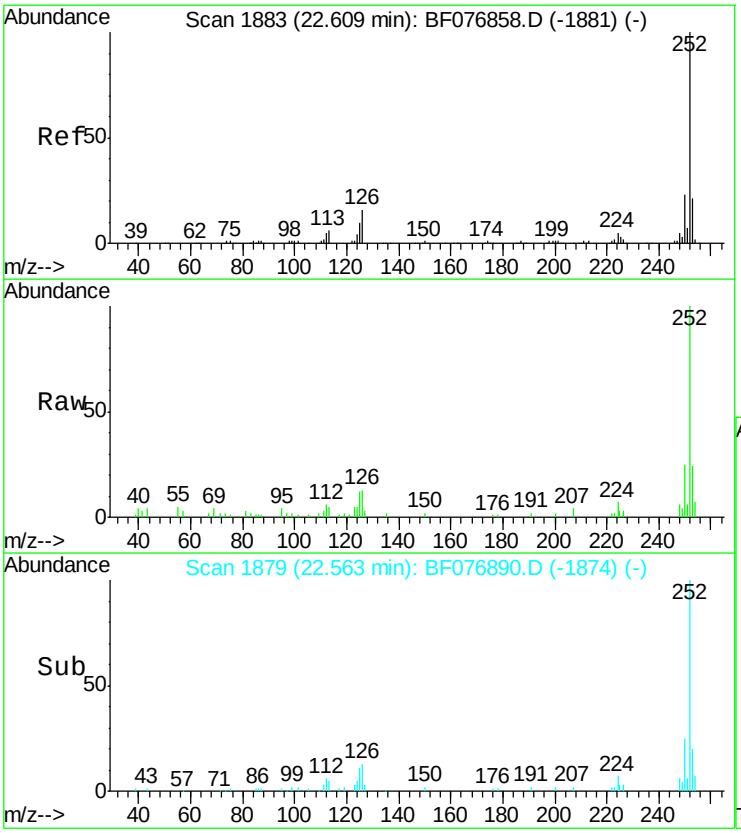
#87
Benzo(b)fluoranthene
Concen: 6.76 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 49285

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.4	9.4	14.0

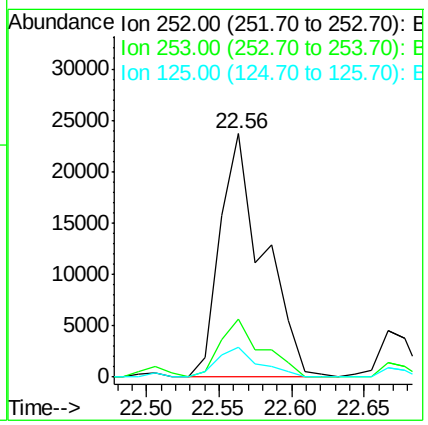


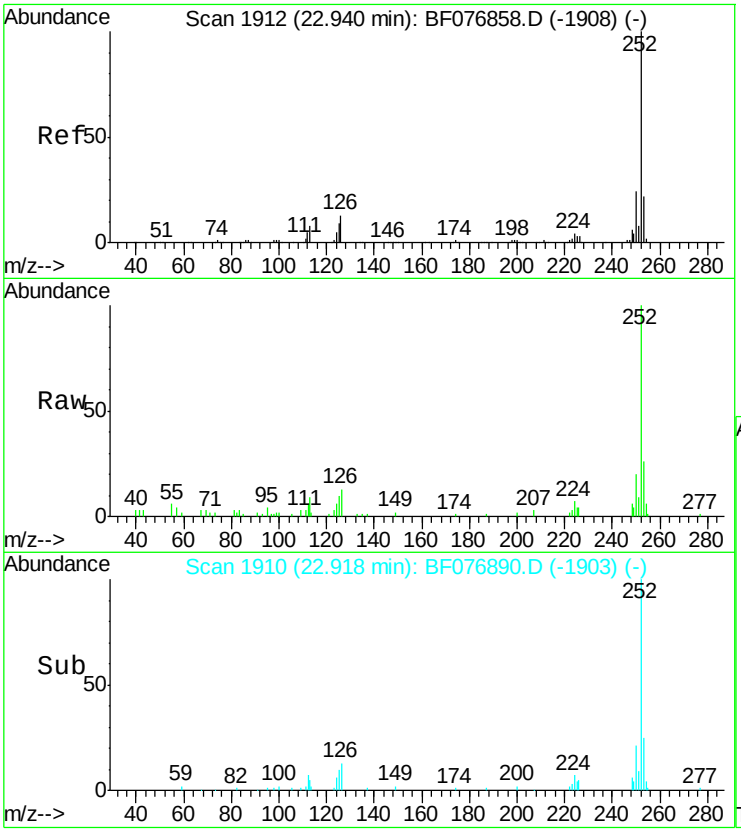


#88
Benzo(k)fluoranthene
Concen: 7.73 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:252 Resp: 49285

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	12.4	7.1	10.7#



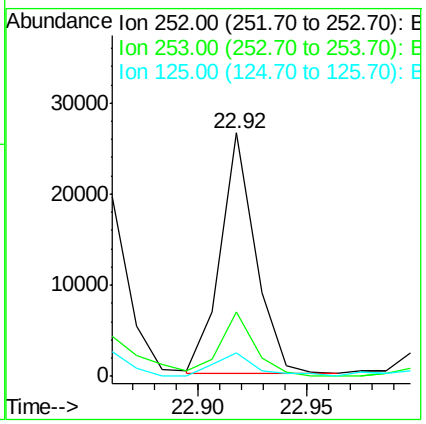


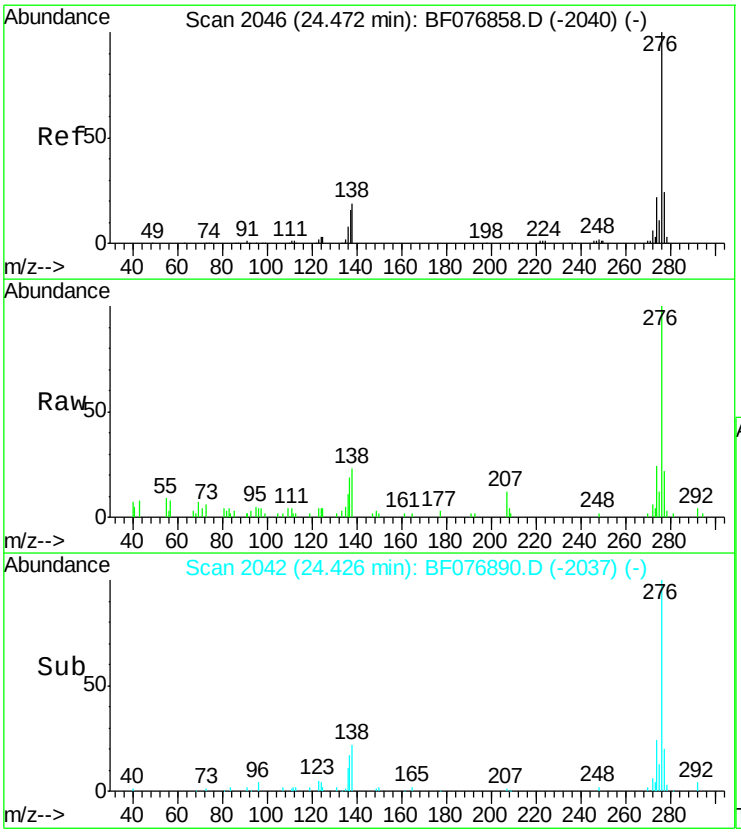
#89
Benzo(a)pyrene
Concen: 4.57 ng
RT: 22.92 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29393

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	9.6	7.2	10.8





#91
Benzo(g,h,i)perylene
Concen: 4.60 ng
RT: 24.43 min Scan# 2042
Delta R.T. -0.05 min
Lab File: BF076890.D
Acq: 15 Jan 2015 18:33

Tgt Ion:276 Resp: 26997

Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.5	29.3
138	23.5	15.0	22.6#