Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077007.D
Acq On : 21 Jan 2015 21:33
Operator : TP/IZ
Sample : G1076-05DL2 5X
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3DL2

Quant Time: Jan 22 10:39:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 02:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	30134	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	131258	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	71709	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	119737	20.00	ng		0.00
75) Chrysene-d12	21.19	240	106175	20.00	ng		0.00
86) Perylene-d12	22.83	264	97631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	40765	22.24	ng		0.00
7) Phenol-d6	7.26	99	55912	24.18	ng		0.00
23) Nitrobenzene-d5	9.14	82	32107	13.55	ng		-0.01
41) 2,4,6-Tribromophenol	16.59	330	11602	19.93	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	67616	14.35	ng		-0.01
78) Terphenyl-d14	19.92	244	64330	13.95	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	14.96	154	11309	2.70	ng		91
70) Phenanthrene	17.73	178	140084	18.76	ng		96
71) Anthracene	17.81	178	31808	4.37	ng		96
72) Carbazole	18.09	167	15401	2.18	ng		95
74) Fluoranthene	19.37	202	256423	33.51	ng		98
77) Pyrene	19.66	202	248793	34.19	ng	#	94
80) Benzo(a)anthracene	21.18	228	133188	19.99	ng		99
82) Chrysene	21.23	228	100749	16.58	ng		97
85) Indeno(1,2,3-cd)pyrene	23.92	276	53347	8.29	ng	#	79
87) Benzo(b)fluoranthene	22.43	252	125066m	19.02	ng		
88) Benzo(k)fluoranthene	22.44	252	56078m	9.76	ng		
89) Benzo(a)pyrene	22.77	252	90581	15.62	ng	#	98
90) Dibenzo(a,h)anthracene	23.95	278	10904m	2.05	ng		
91) Benzo(g,h,i)perylene	24.21	276	50925	9.63	ng		97

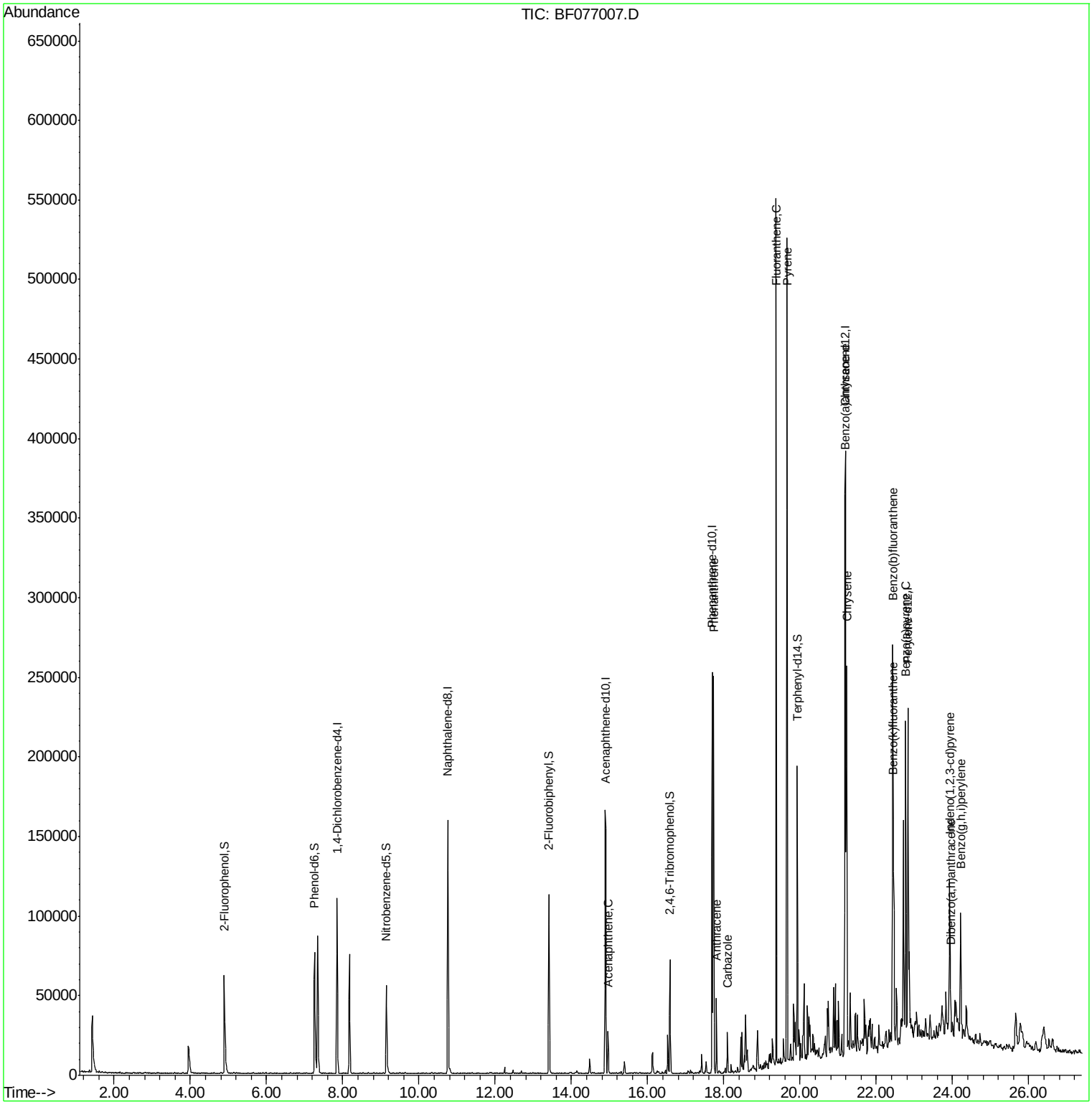
(#) = qualifier out of range (m) = manual integration (+) = signals summed

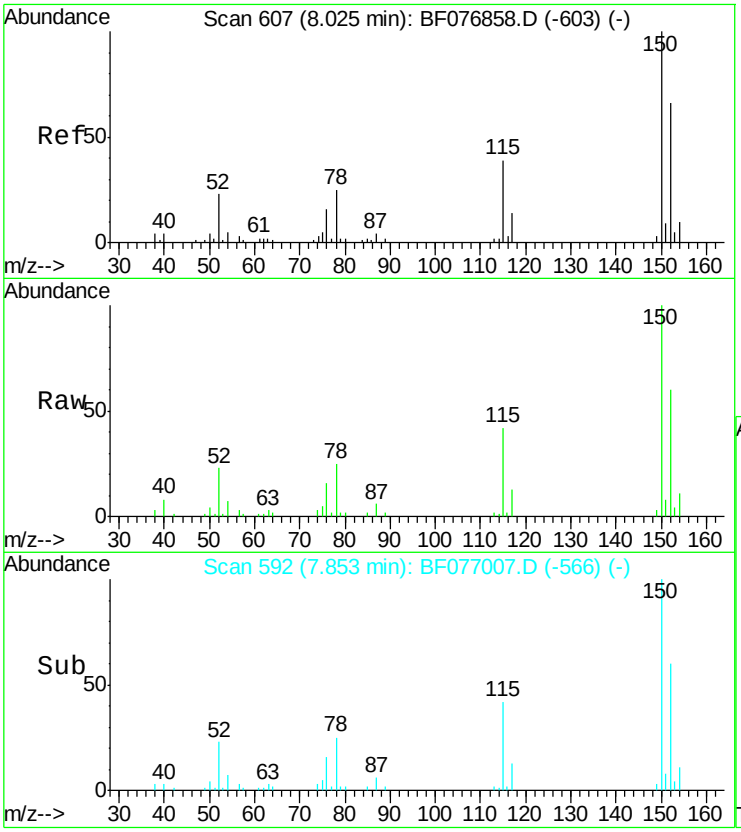
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077007.D
Acq On : 21 Jan 2015 21:33
Operator : TP/IZ
Sample : G1076-05DL2 5X
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Quant Time: Jan 22 10:39:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 02:22:46 2015
Response via : Initial Calibration



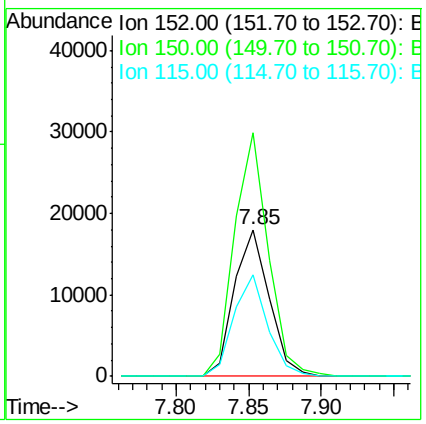


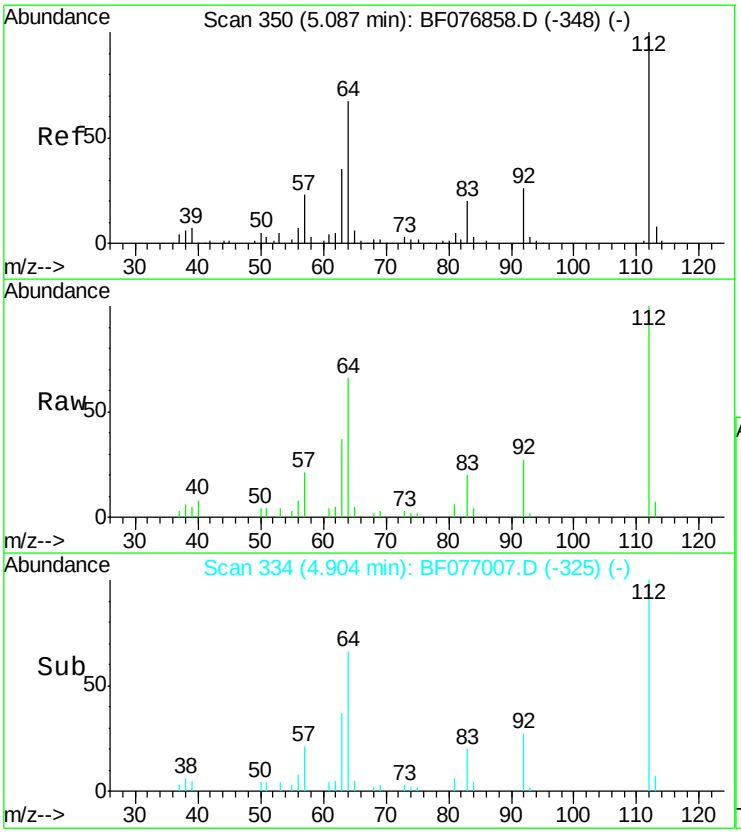
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:152 Resp: 30134

Ion	Ratio	Lower	Upper
152	100		
150	165.7	121.7	182.5
115	69.1	47.0	70.6

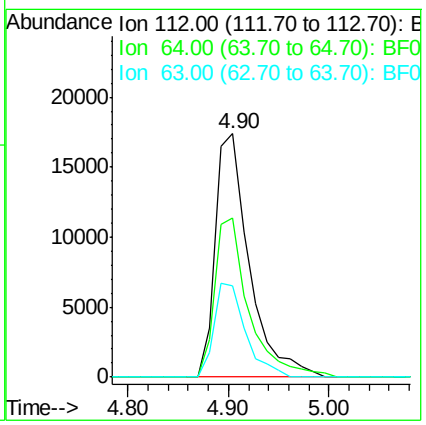


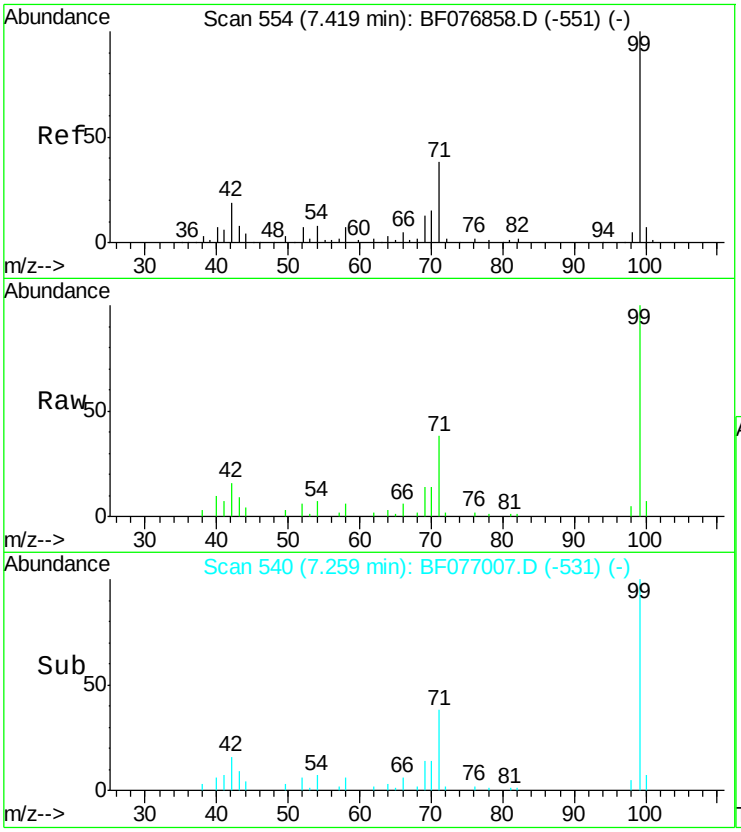


#5
2-Fluorophenol
Concen: 22.24 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:112 Resp: 40765

Ion	Ratio	Lower	Upper
112	100		
64	65.6	54.2	81.4
63	37.4	28.4	42.6



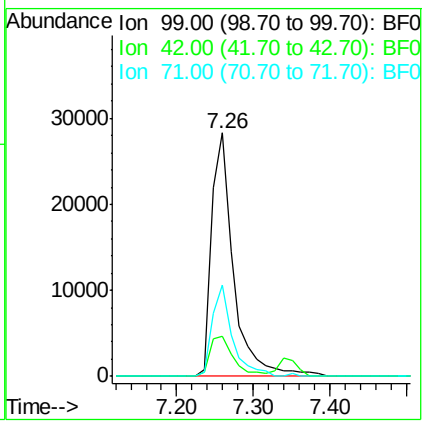


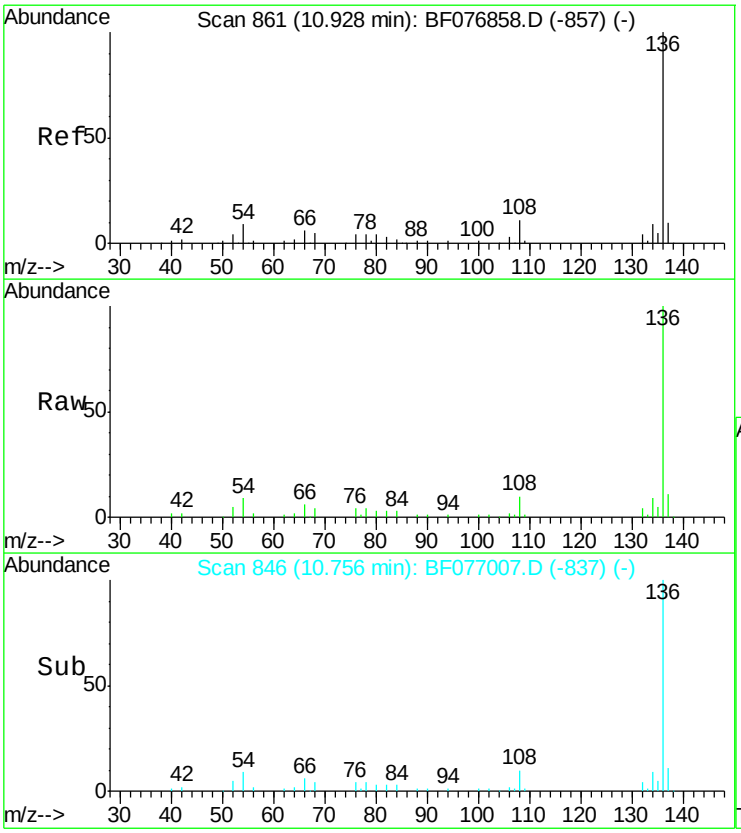
#7
Phenol-d6
Concen: 24.18 ng
RT: 7.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion: 99 Resp: 55912

Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.0	22.4
71	37.6	30.5	45.7

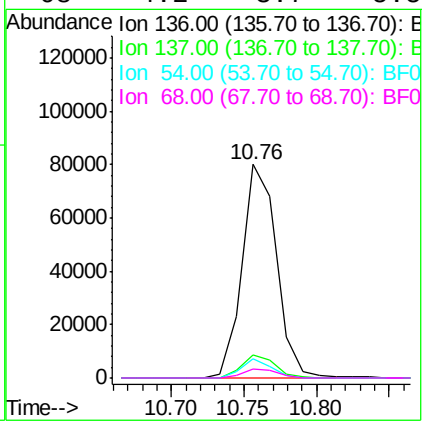


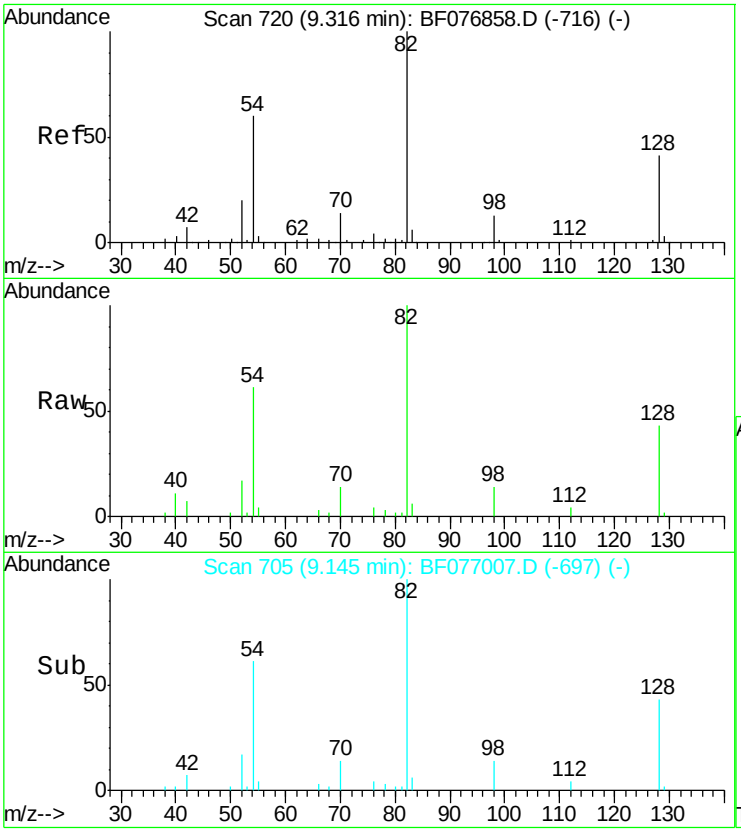


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:136 Resp: 131258

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	9.2	7.0	10.4
68	4.2	3.7	5.5



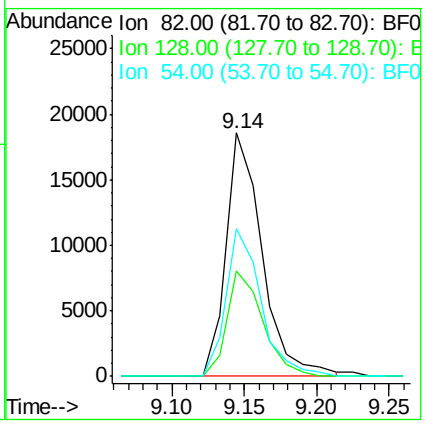


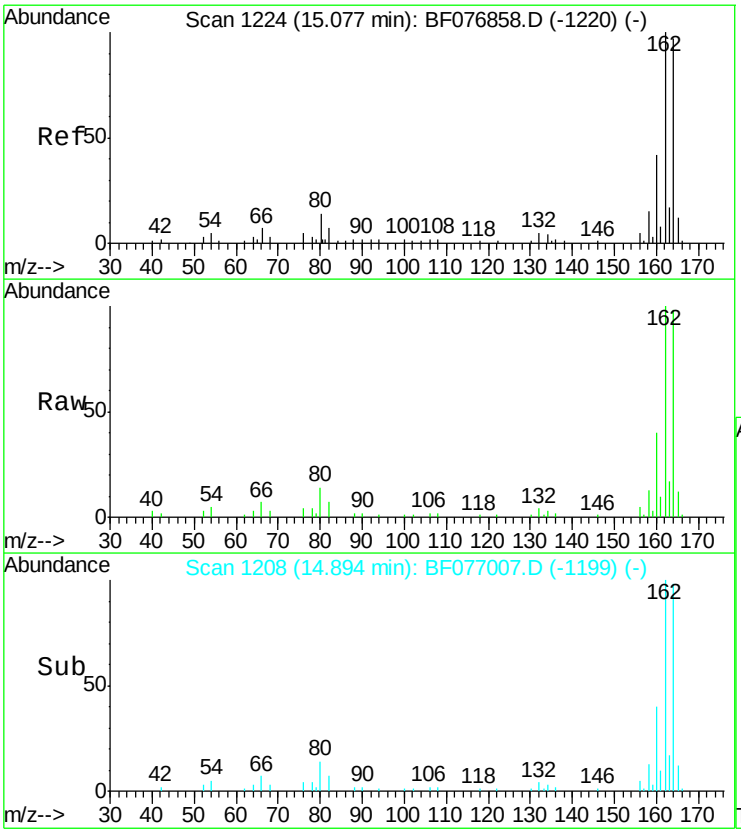
#23
Nitrobenzene-d5
Concen: 13.55 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion: 82 Resp: 32107

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.1	49.7
54	60.7	48.3	72.5

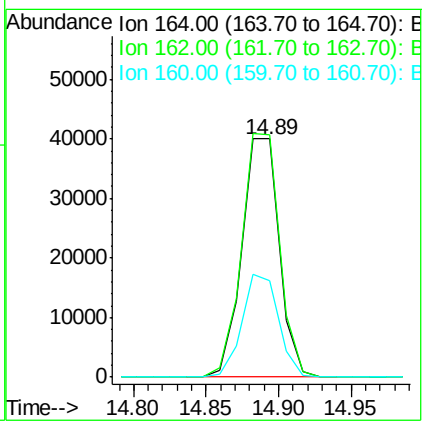


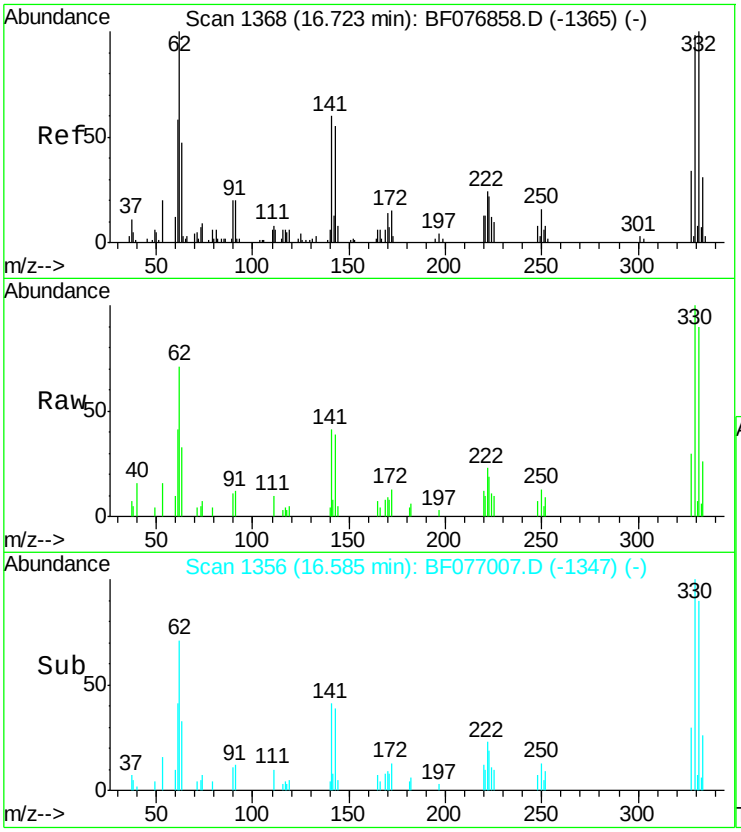


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:164 Resp: 71709

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	40.3	34.8	52.2



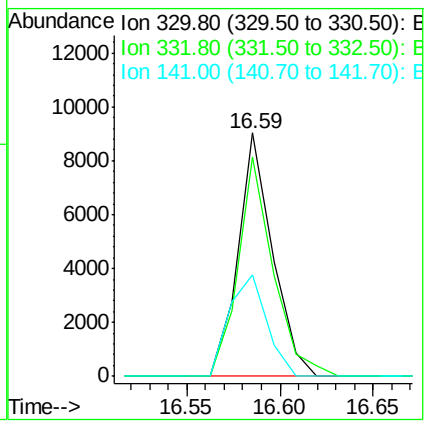


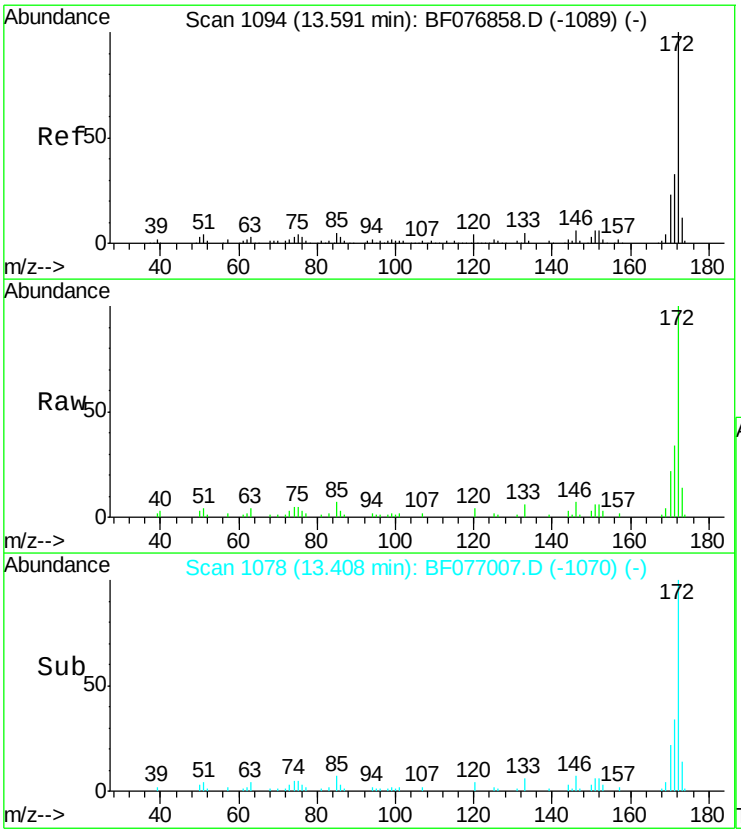
#41
2,4,6-Tribromophenol
Concen: 19.93 ng
RT: 16.59 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:330 Resp: 11602

Ion	Ratio	Lower	Upper
330	100		
332	91.5	77.8	116.6
141	45.3	38.5	57.7

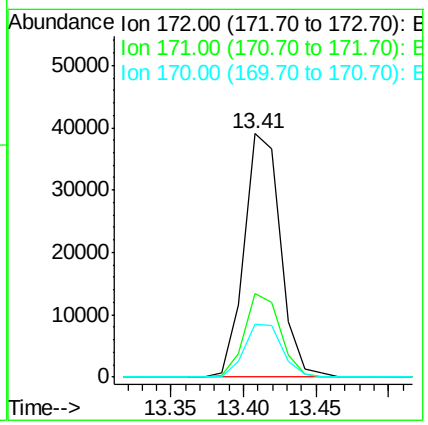


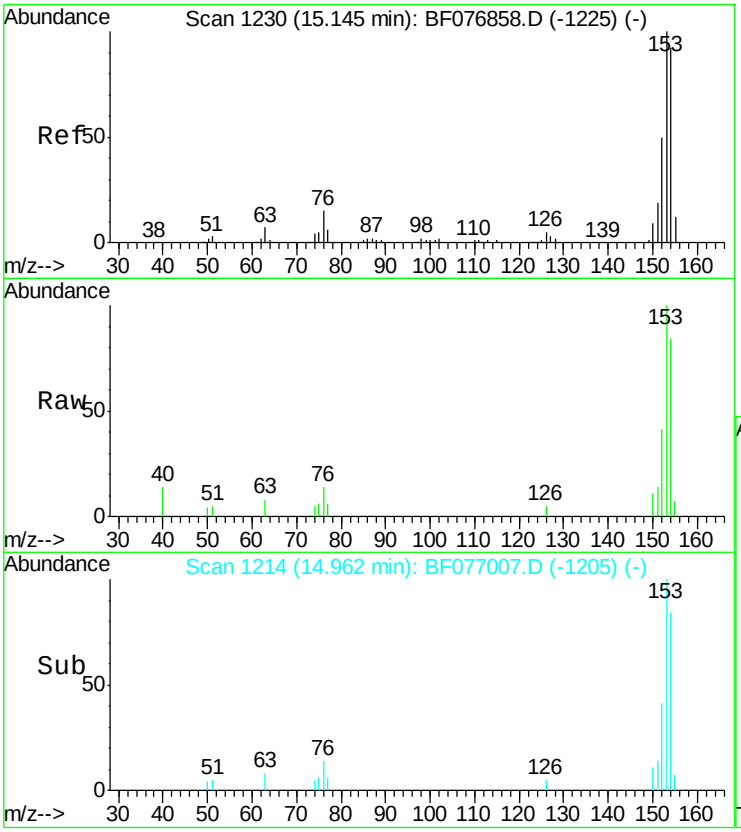


#44
2-Fluorobiphenyl
Concen: 14.35 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:172 Resp: 67616

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.6	40.0
170	21.6	18.0	27.0



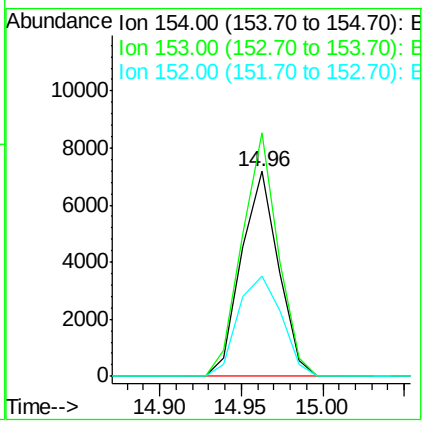


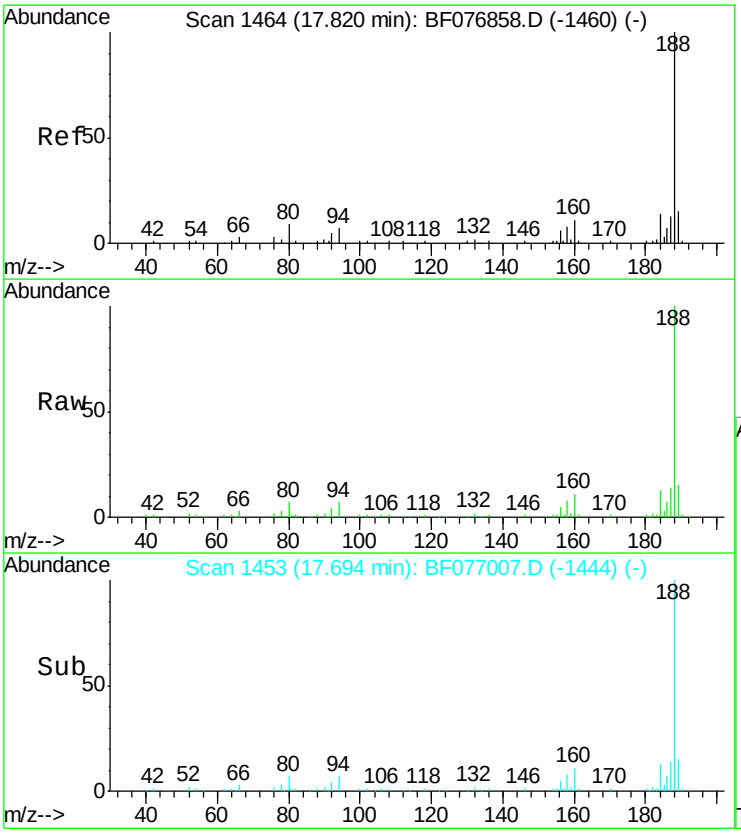
#51
Acenaphthene
Concen: 2.70 ng
RT: 14.96 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:154 Resp: 11309

Ion	Ratio	Lower	Upper
154	100		
153	118.7	87.0	130.6
152	48.6	43.5	65.3

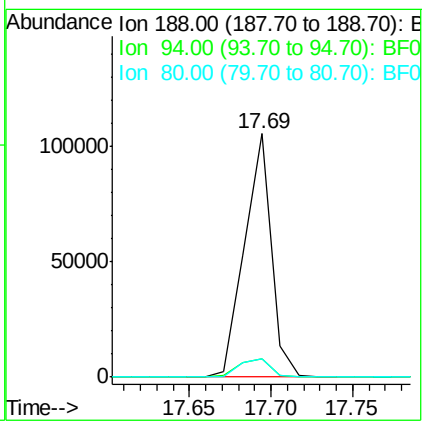


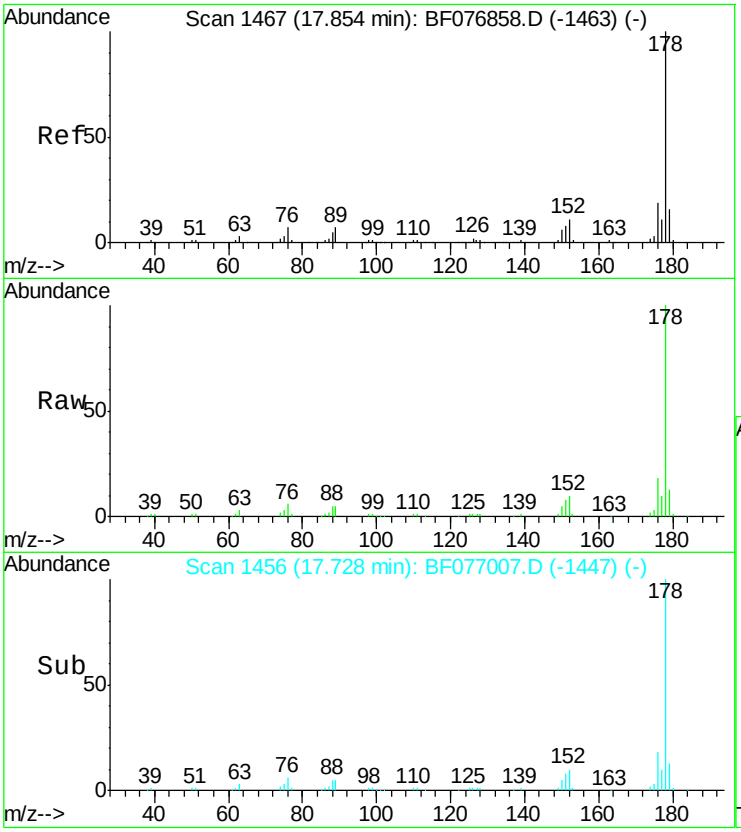


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:188 Resp: 119737

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.0	9.0
80	8.0	6.9	10.3



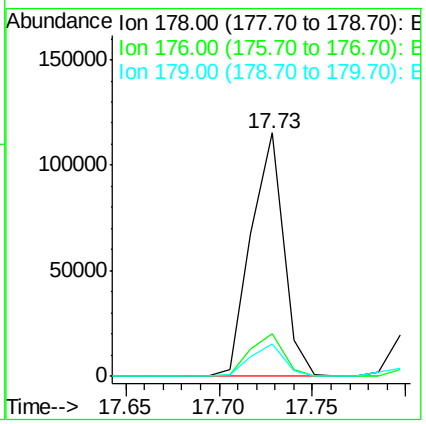


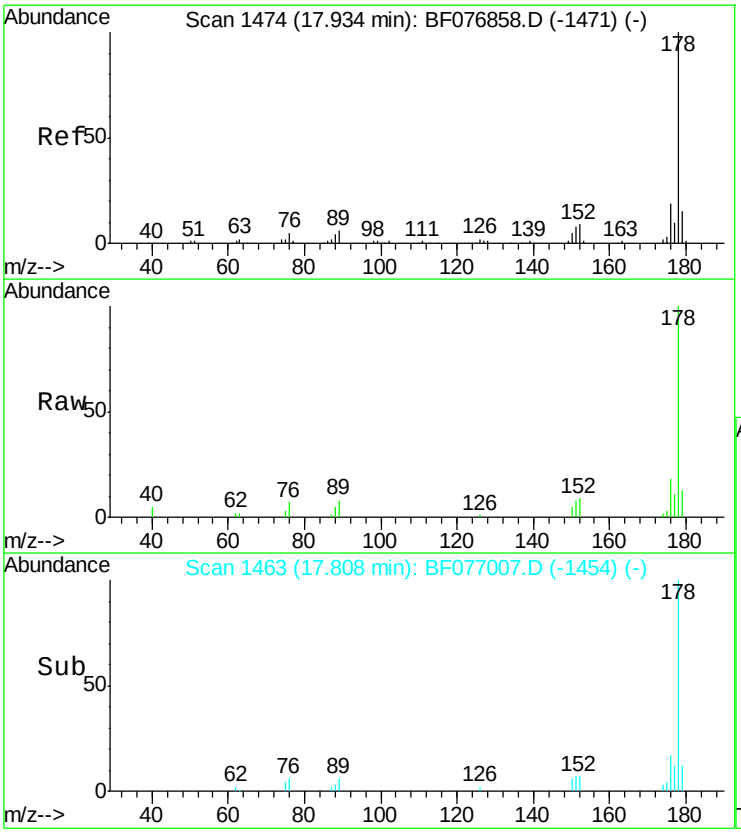
#70
Phenanthrene
Concen: 18.76 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:178 Resp: 140084

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	13.3	12.7	19.1

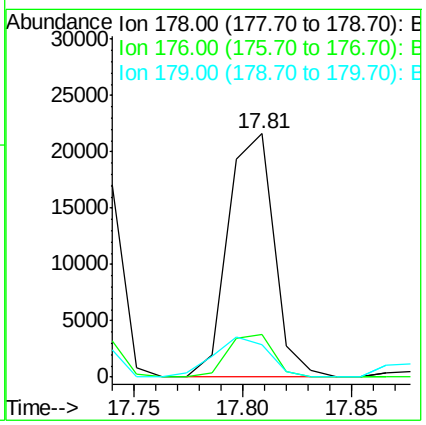


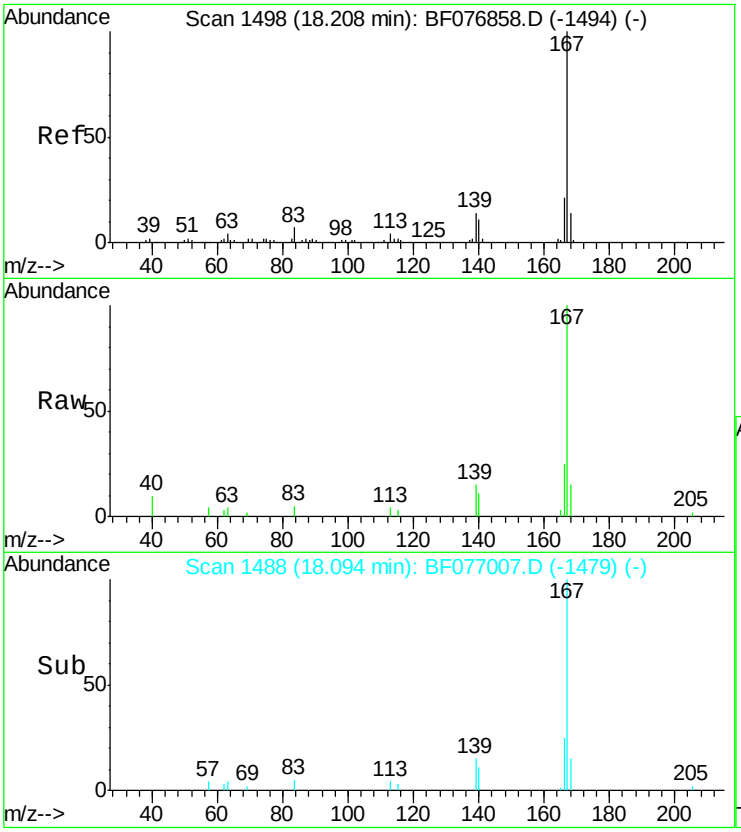


#71
Anthracene
Concen: 4.37 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:178 Resp: 31808

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.0
179	13.2	11.9	17.9



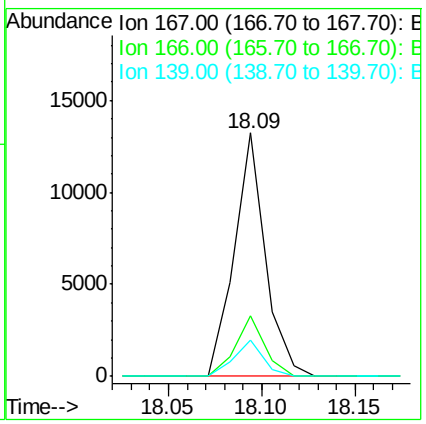


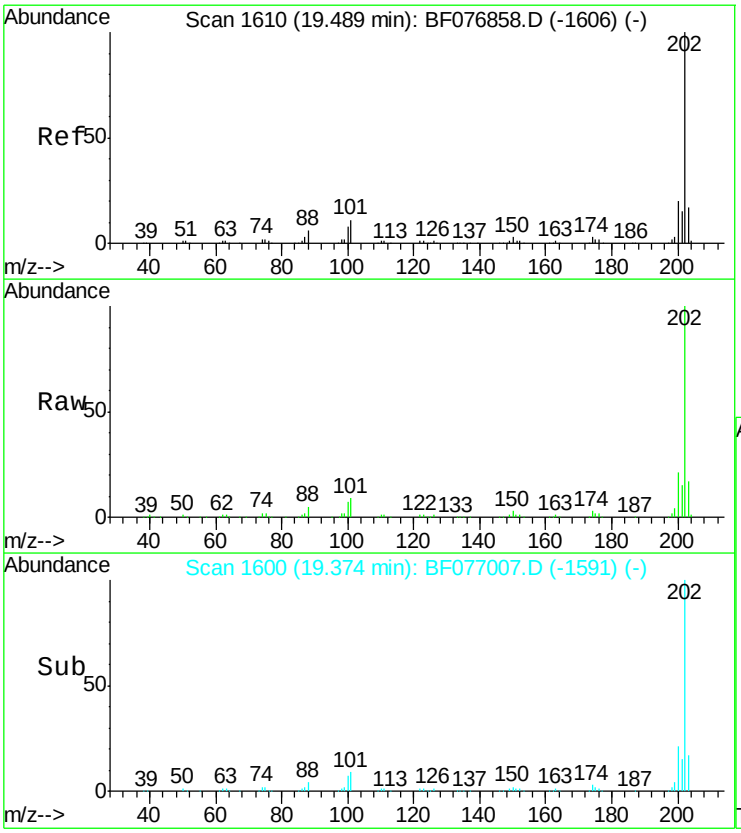
#72
Carbazole
Concen: 2.18 ng
RT: 18.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:167 Resp: 15401

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.0	25.6
139	15.1	11.3	16.9

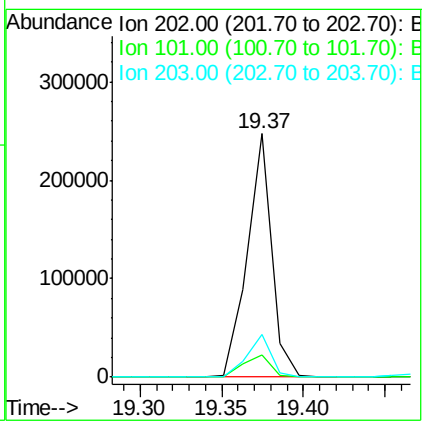


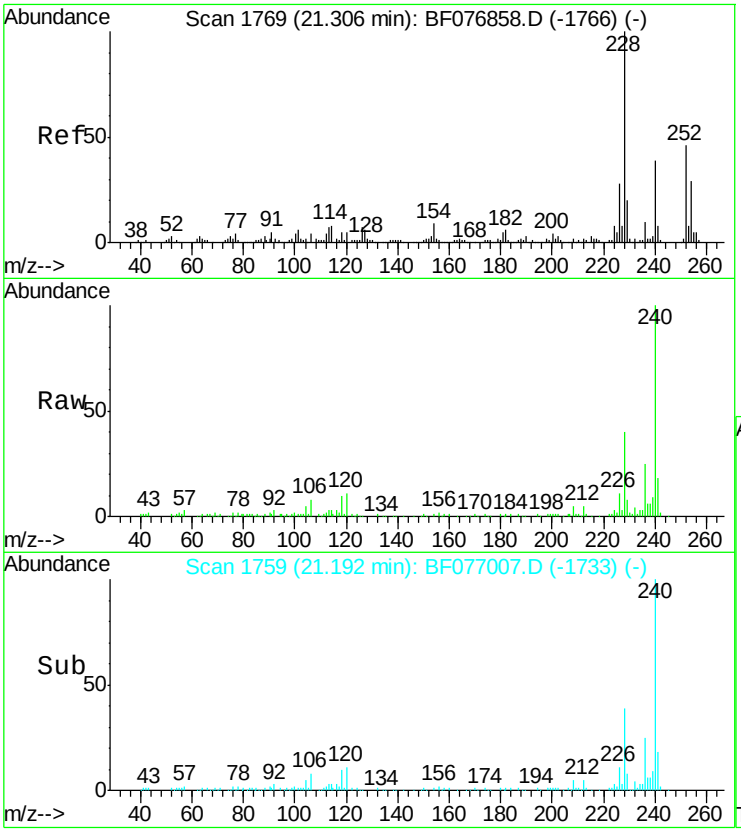


#74
Fluoranthene
Concen: 33.51 ng
RT: 19.37 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:202 Resp: 256423

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.7
203	17.3	0.0	36.9



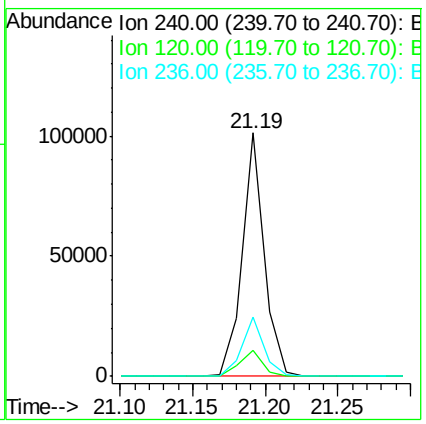


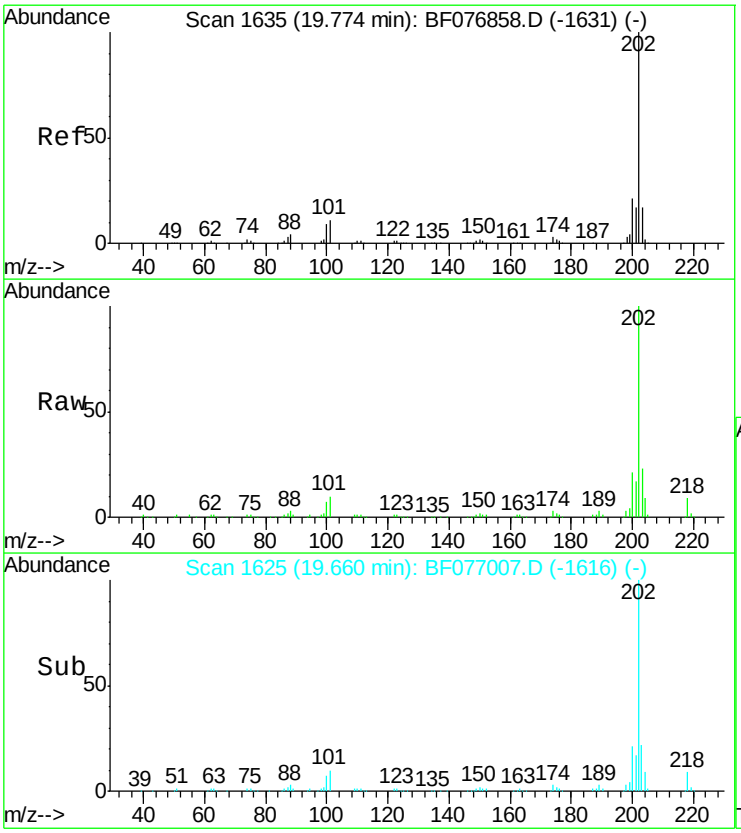
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:240 Resp: 106175

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.4	15.6
236	24.6	20.2	30.2

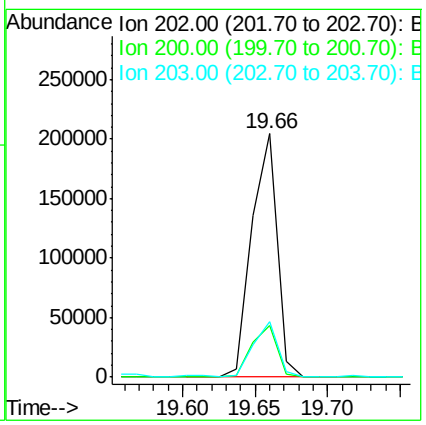


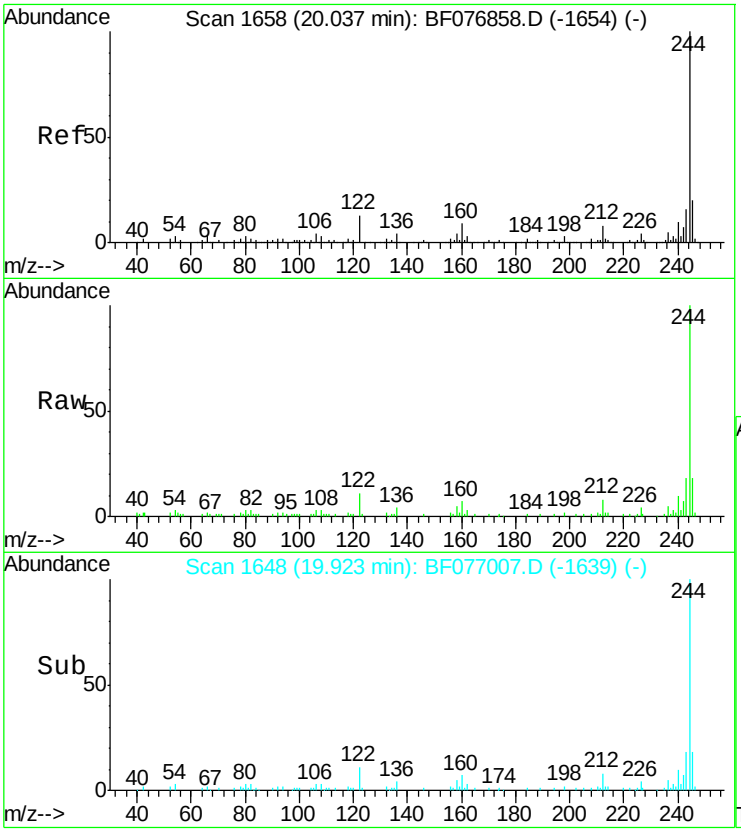


#77
Pyrene
Concen: 34.19 ng
RT: 19.66 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:202 Resp: 248793

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	22.5	14.0	21.0#



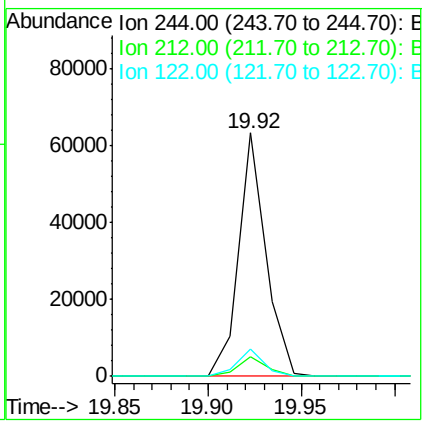


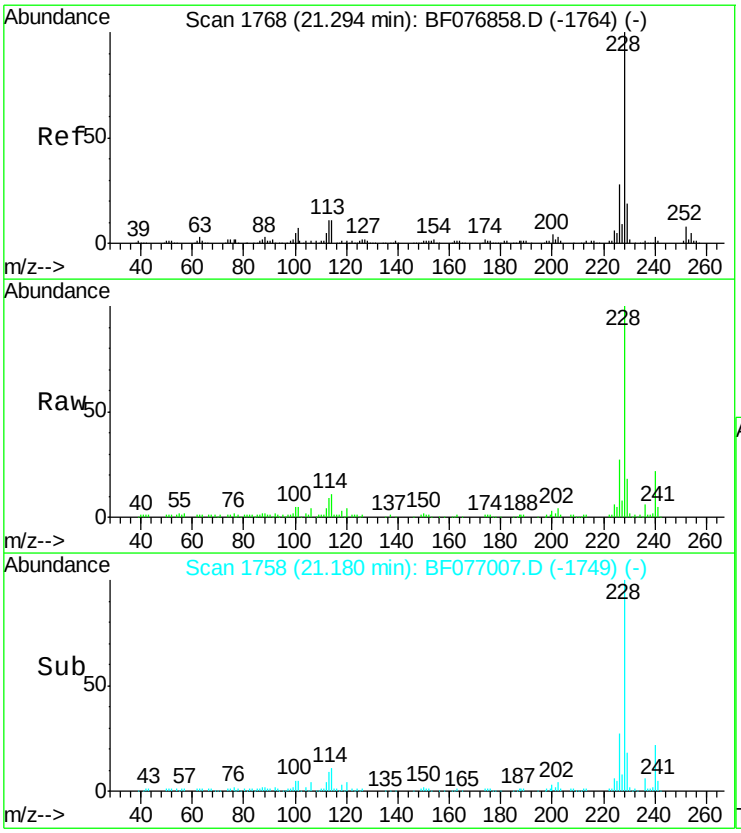
#78
Terphenyl-d14
Concen: 13.95 ng
RT: 19.92 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:244 Resp: 64330

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.1	10.1	15.1

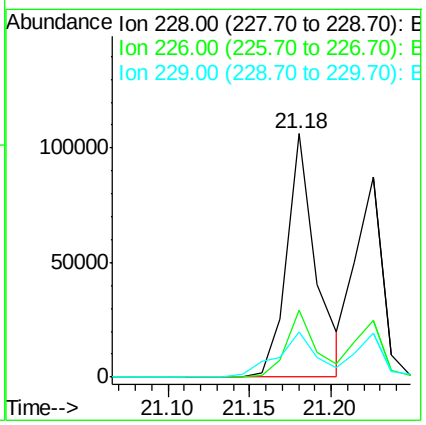


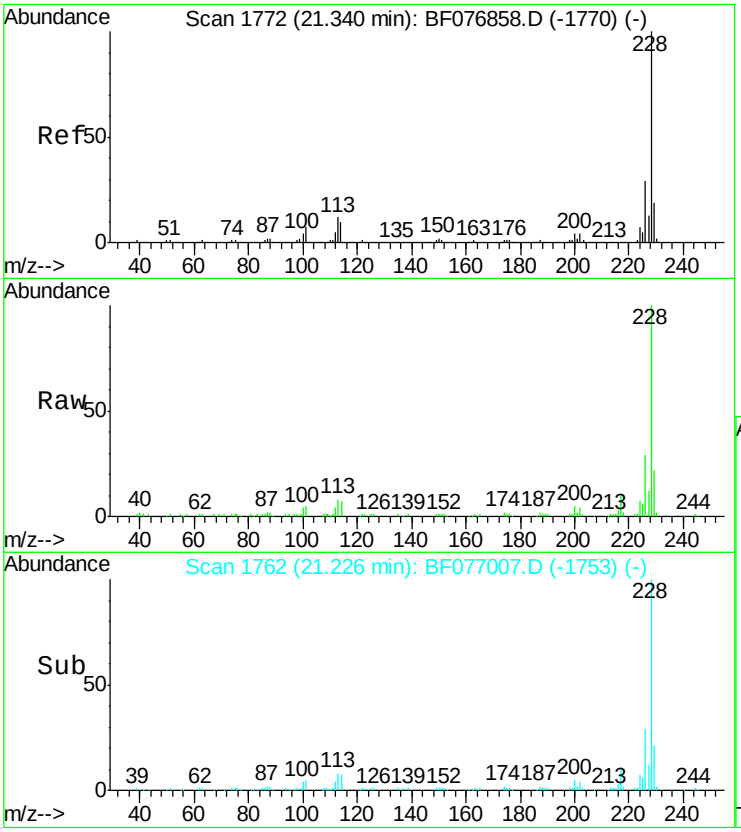


#80
Benzo(a)anthracene
Concen: 19.99 ng
RT: 21.18 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:228 Resp: 133188

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	18.3	15.5	23.3



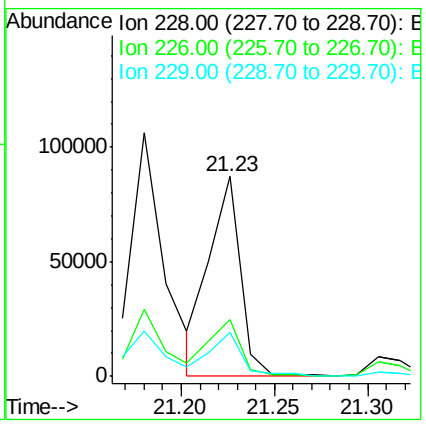


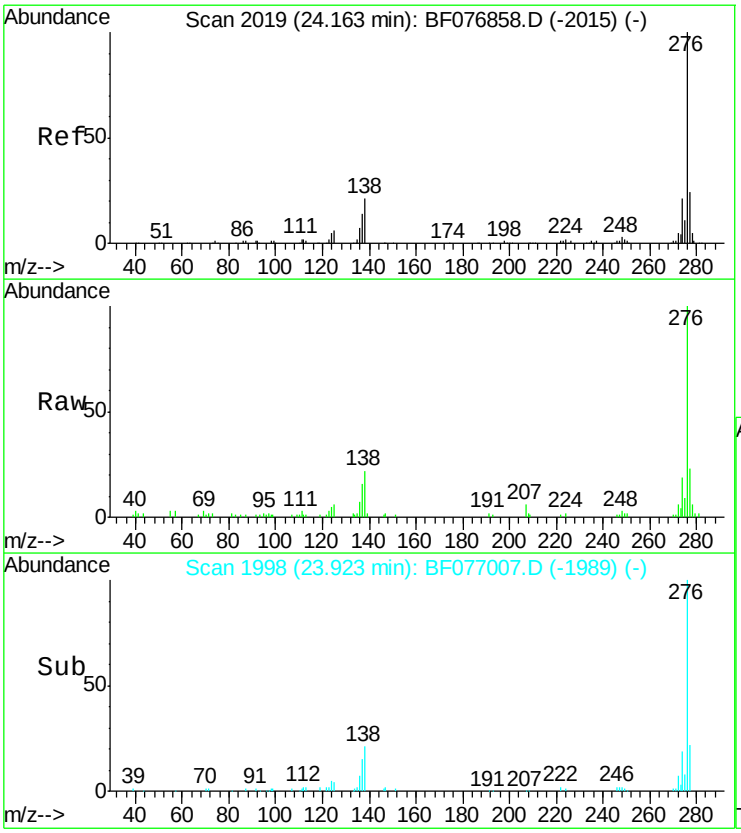
#82
Chrysene
Concen: 16.58 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:228 Resp: 100749

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	21.8	15.4	23.0

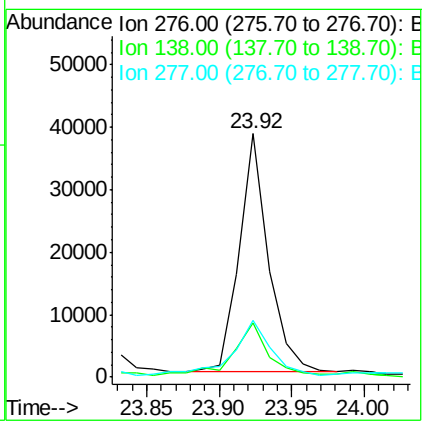


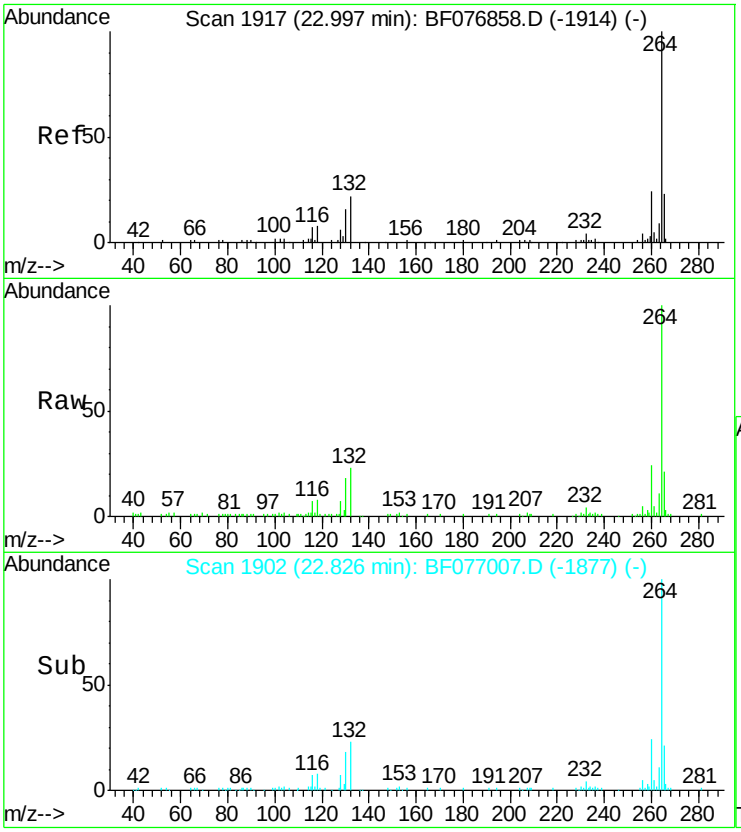


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.29 ng
RT: 23.92 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:276 Resp: 53347

Ion	Ratio	Lower	Upper
276	100		
138	25.8	14.6	22.0#
277	29.9	14.8	22.2#



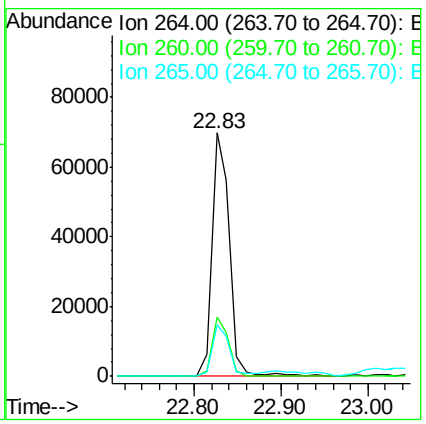


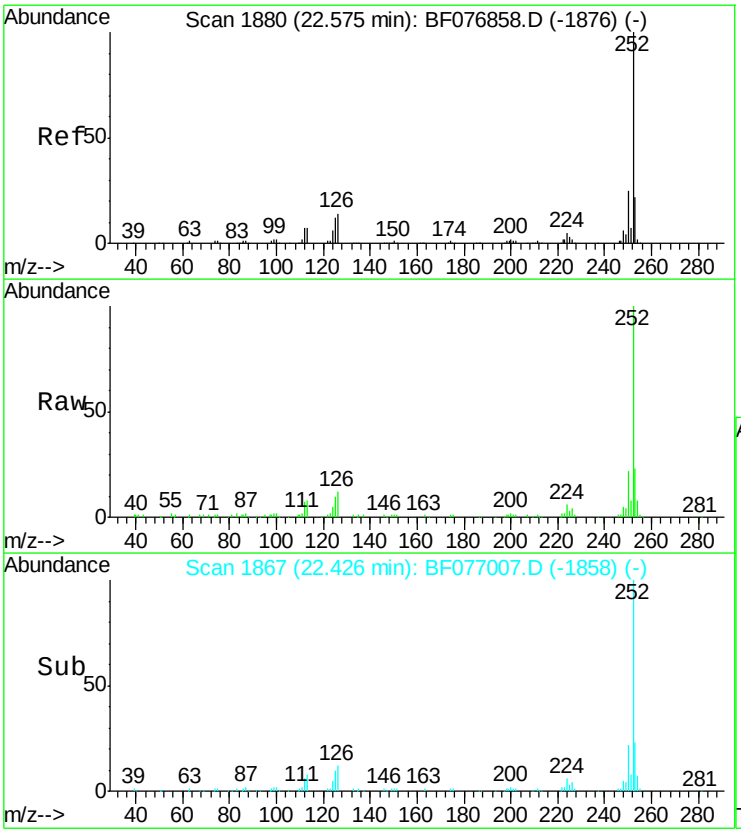
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.83 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:264 Resp: 97631

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.4	18.1	27.1

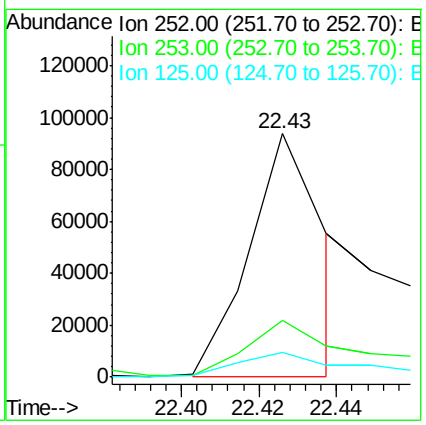


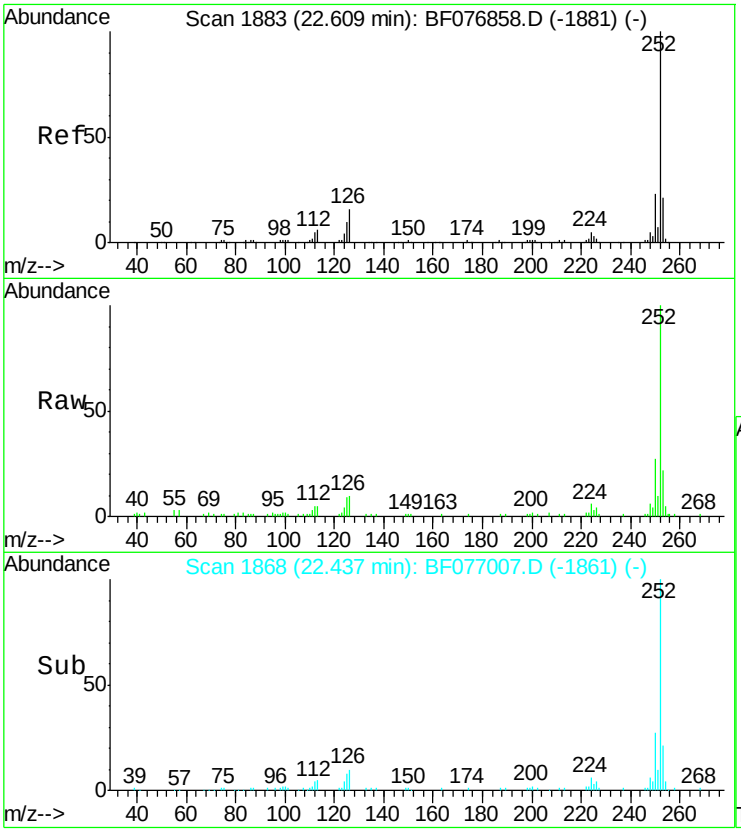


#87
Benzo(b)fluoranthene
Concen: 19.02 ng m
RT: 22.43 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:252 Resp: 125066

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.4	9.4	14.0



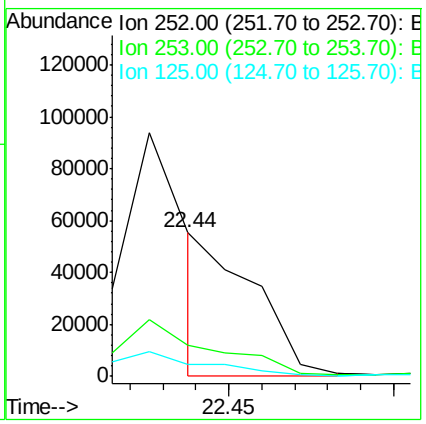


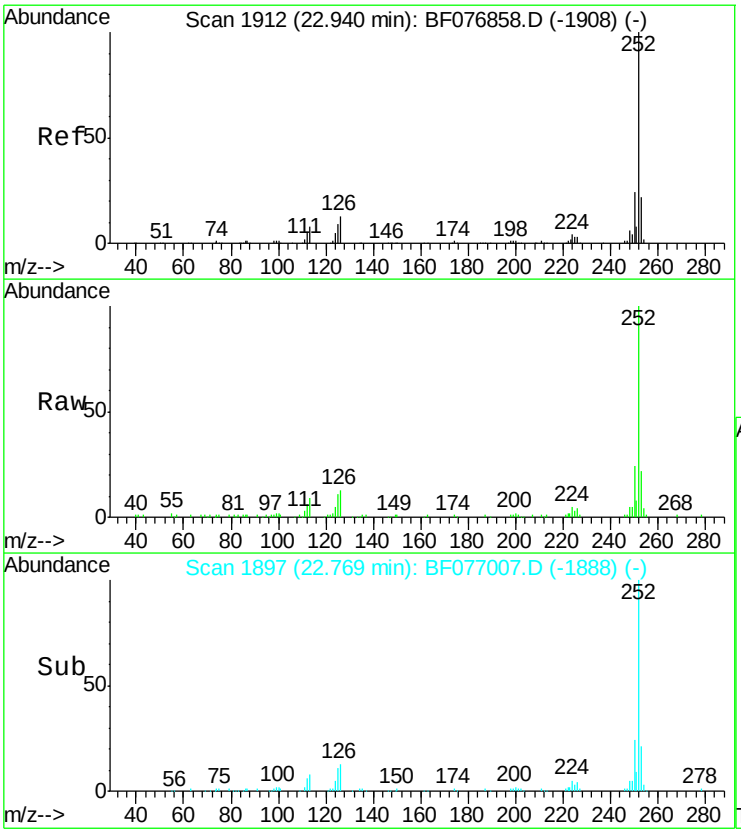
#88
Benzo(k)fluoranthene
Concen: 9.76 ng m
RT: 22.44 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:252 Resp: 56078

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	8.5	7.1	10.7

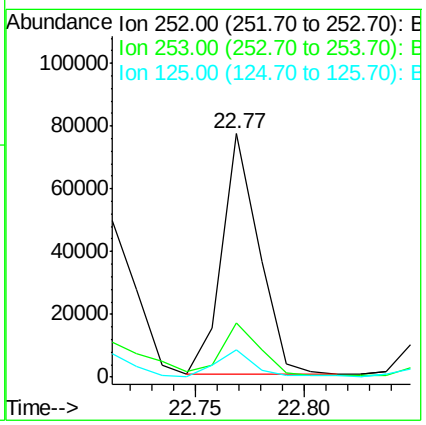


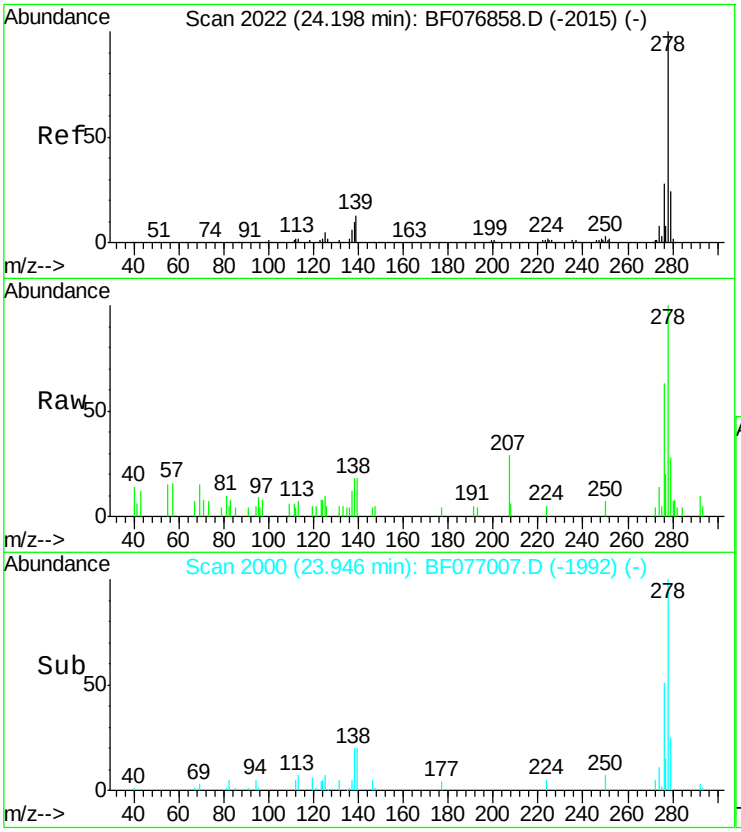


#89
Benzo(a)pyrene
Concen: 15.62 ng
RT: 22.77 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:252 Resp: 90581

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.2	7.2	10.8#



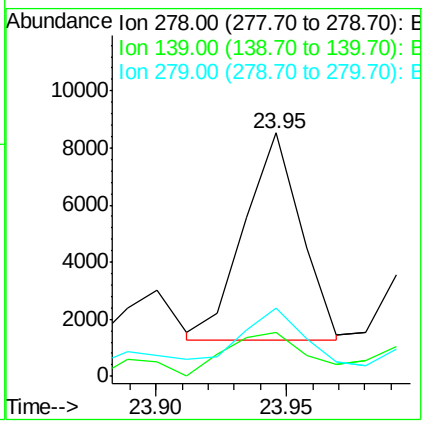


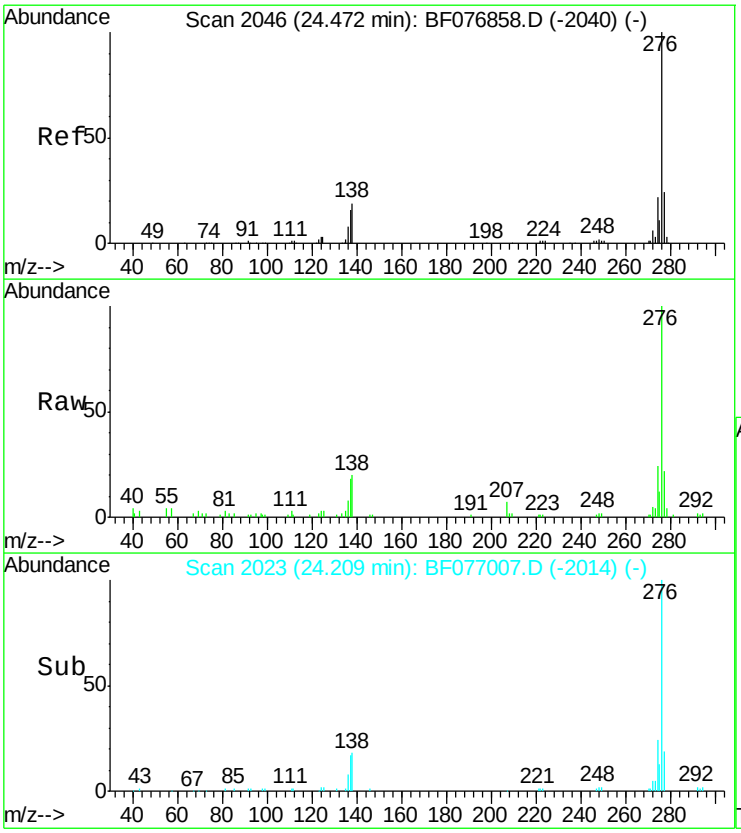
#90
Dibenzo(a,h)anthracene
Concen: 2.05 ng m
RT: 23.95 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SP-3DL2

Tgt Ion:278 Resp: 10904

Ion	Ratio	Lower	Upper
278	100		
139	18.1	10.5	15.7#
279	28.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.63 ng
RT: 24.21 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF077007.D
Acq: 21 Jan 2015 21:33

Tgt Ion:276 Resp: 50925

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.5	29.3
138	19.6	15.0	22.6