Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 00:47:57 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	30102	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	123607	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	62265	20.00	ng		-0.01
63) Phenanthrene-d10	17.81	188	105983	20.00	ng		-0.01
75) Chrysene-d12	21.31	240	102600	20.00	ng		0.00
86) Perylene-d12	23.00	264	97077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	34712	18.96	ng		0.03
7) Phenol-d6	7.43	99	44569	19.30	ng		0.01
23) Nitrobenzene-d5	9.30	82	26221	11.75	ng		-0.01
41) 2,4,6-Tribromophenol	16.72	330	9579	18.95	ng		0.00
44) 2-Fluorobiphenyl	13.58	172	49104	12.00	ng		-0.01
78) Terphenyl-d14	20.04	244	46943	10.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.48	88	12477	15.92	ng	#	12
48) Acenaphthylene	14.72	152	14881	2.32	ng	#	92
49) Dimethylphthalate	14.64	163	10772	2.44	ng	#	96
70) Phenanthrene	17.84	178	119674	18.11	ng		99
71) Anthracene	17.92	178	34288	5.32	ng		95
74) Fluoranthene	19.49	202	264071	38.99	ng		97
77) Pyrene	19.77	202	224670	31.95	ng	#	95
80) Benzo(a)anthracene	21.29	228	129728	20.15	ng		99
82) Chrysene	21.34	228	93861	15.99	ng		97
85) Indeno(1,2,3-cd)pyrene	24.15	276	55689	8.95	ng	#	80
87) Benzo(b)fluoranthene	22.57	252	175460	26.84	ng		98
88) Benzo(k)fluoranthene	22.57	252	178989	31.33	ng	#	97
89) Benzo(a)pyrene	22.93	252	93936	16.29	ng	#	94
90) Dibenzo(a,h)anthracene	24.17	278	14696	2.78	ng		95
91) Benzo(g,h,i)perylene	24.45	276	54564	10.37	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
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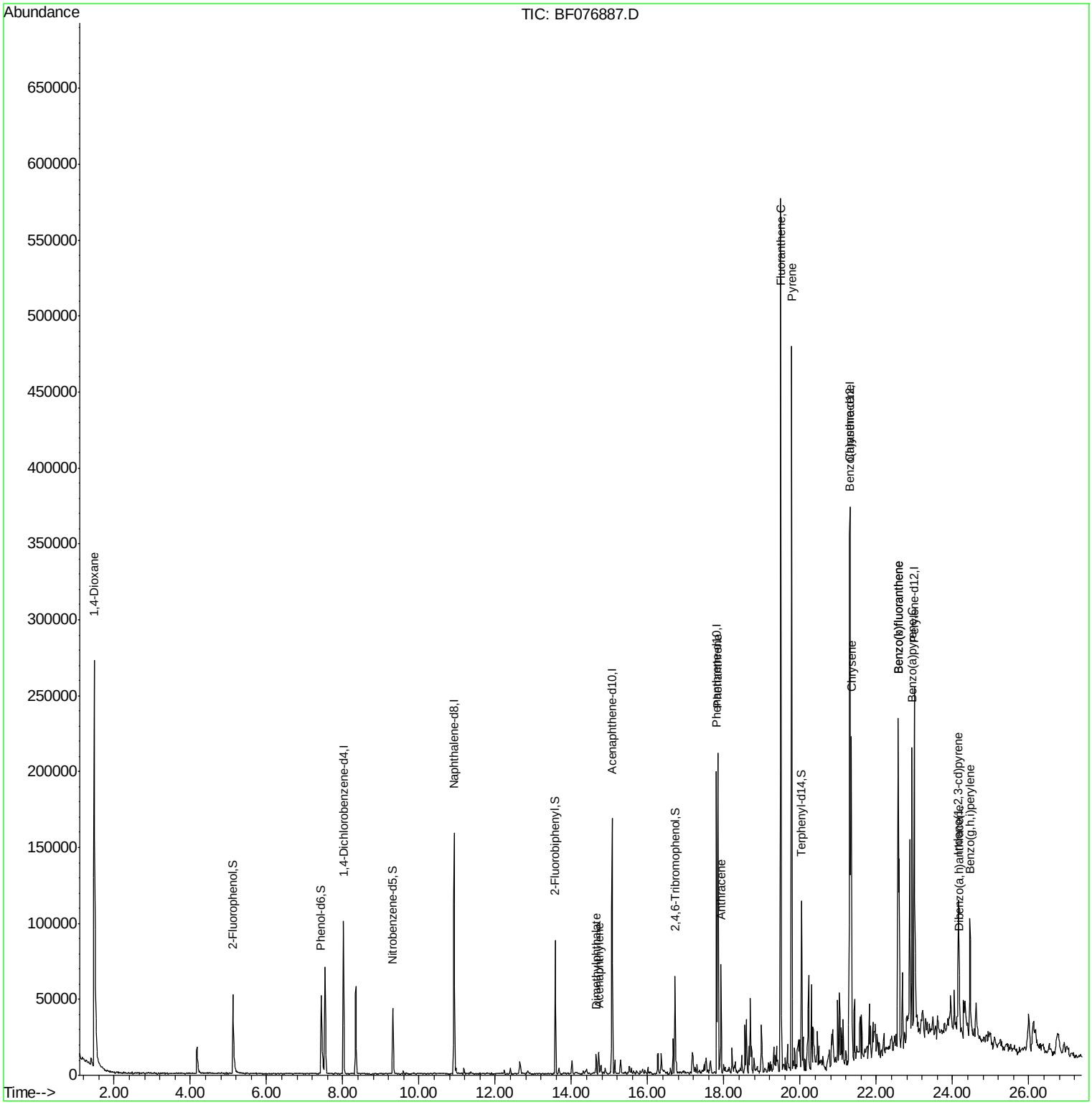
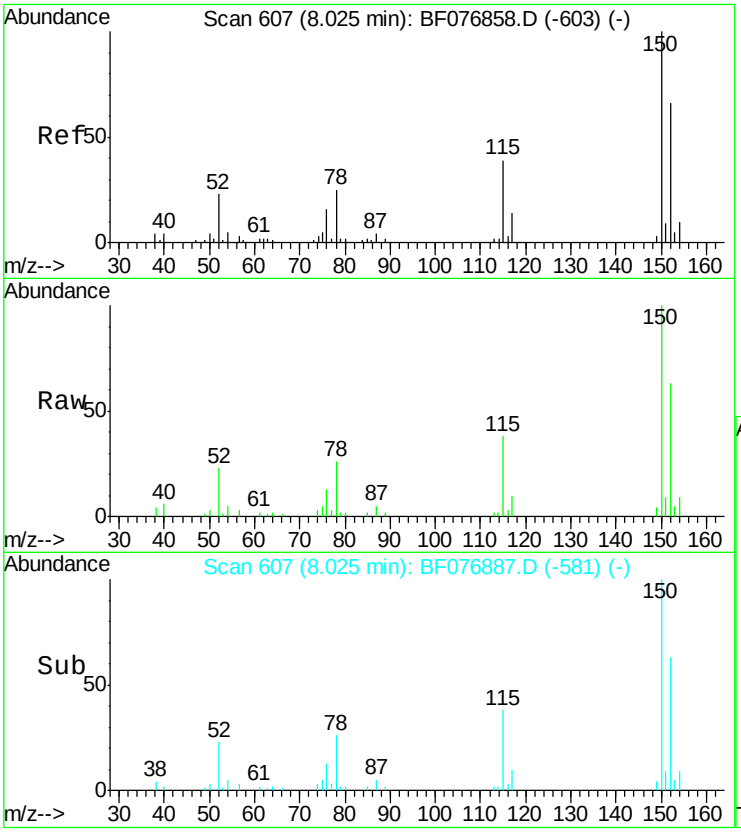
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 00:47:57 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



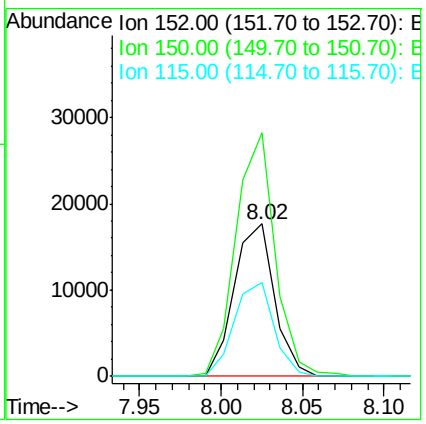


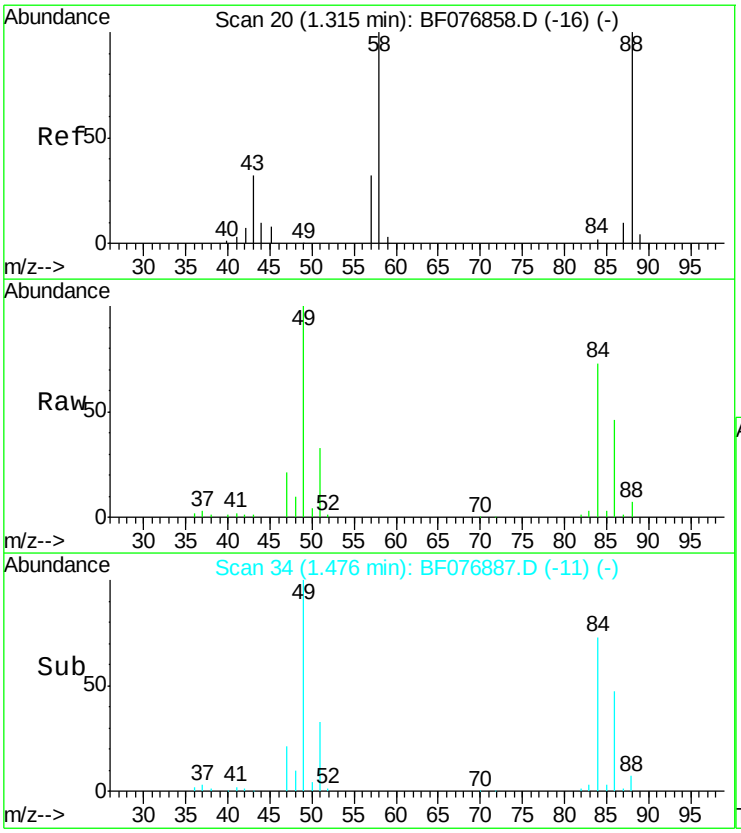
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 30102

Ion	Ratio	Lower	Upper
152	100		
150	160.0	121.7	182.5
115	61.5	47.0	70.6

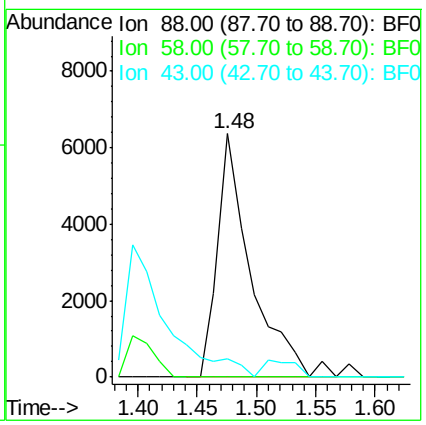


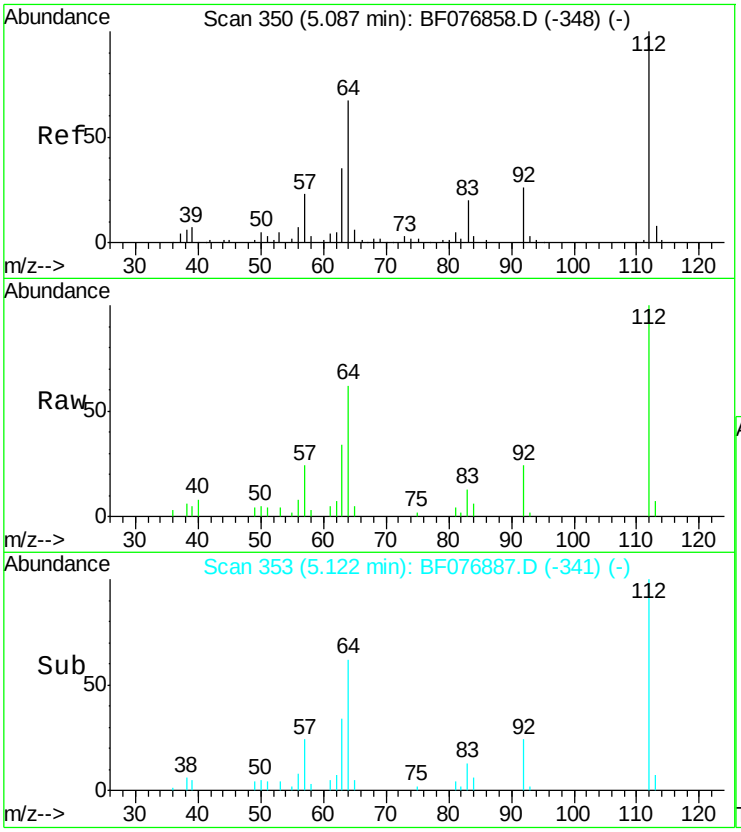


#2
1,4-Dioxane
Concen: 15.92 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion: 88 Resp: 12477

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



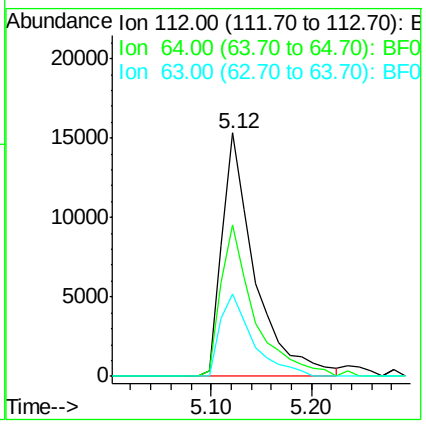


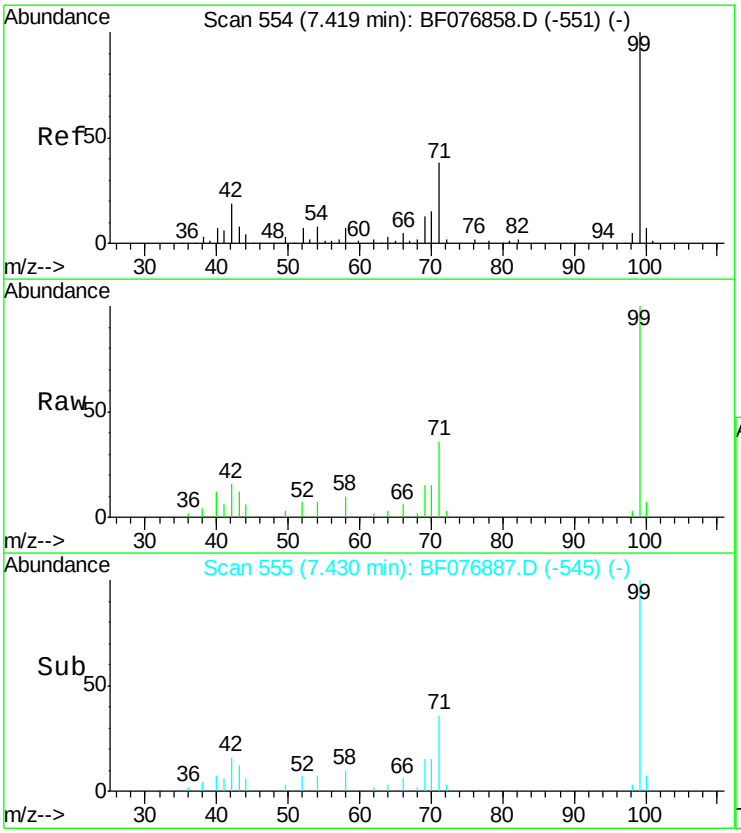
#5
2-Fluorophenol
Concen: 18.96 ng
RT: 5.12 min Scan# 353
Delta R.T. 0.03 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 34712

Ion	Ratio	Lower	Upper
112	100		
64	62.1	54.2	81.4
63	33.9	28.4	42.6

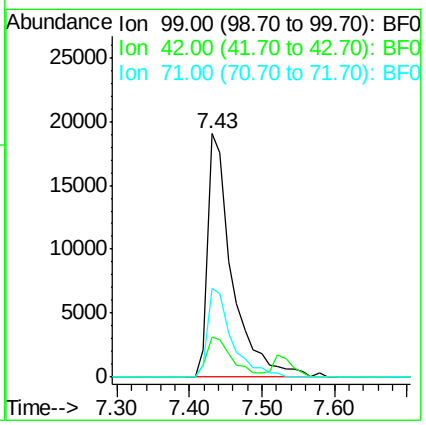


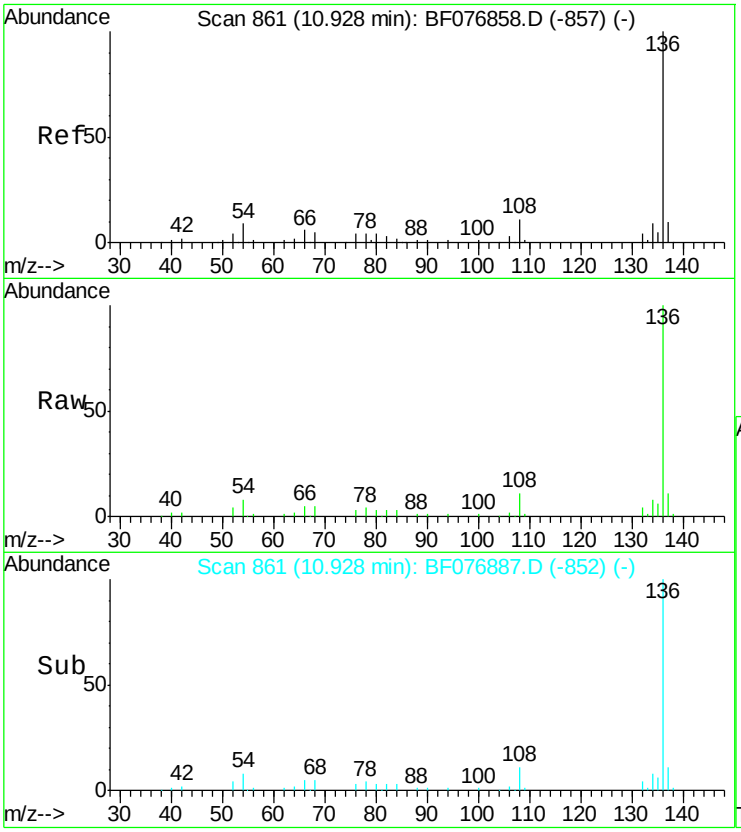


#7
Phenol-d6
Concen: 19.30 ng
RT: 7.43 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion: 99 Resp: 44569

Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.0	22.4
71	36.4	30.5	45.7



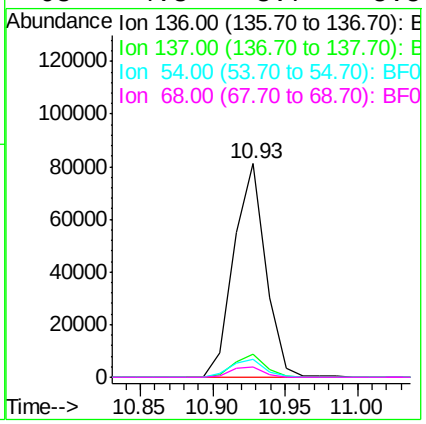


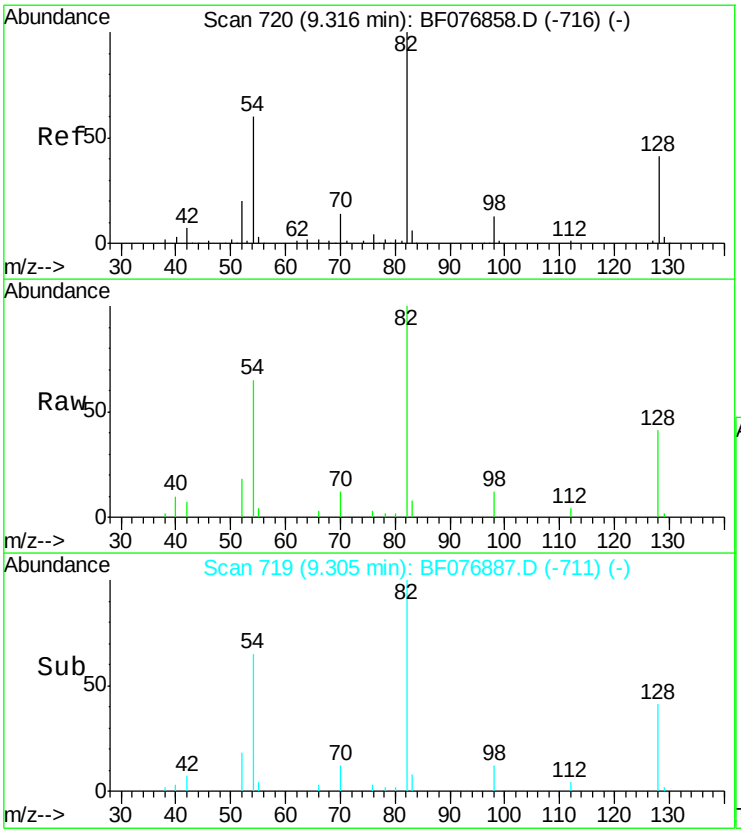
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 123607

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	8.5	7.0	10.4
68	4.8	3.7	5.5

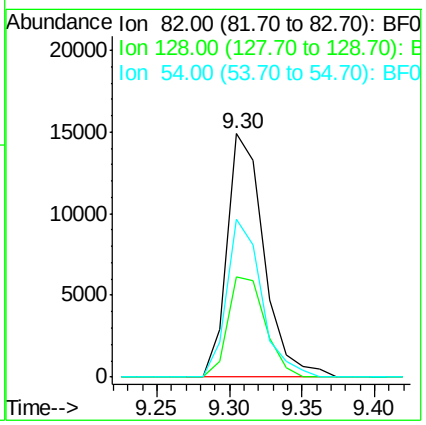


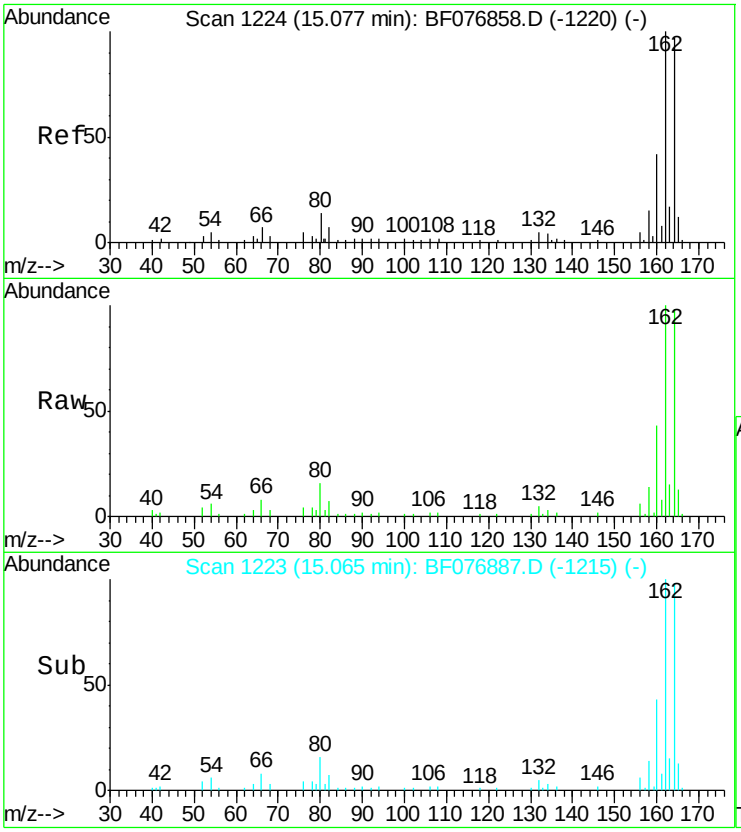


#23
Nitrobenzene-d5
Concen: 11.75 ng
RT: 9.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion: 82 Resp: 26221

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.1	49.7
54	64.8	48.3	72.5



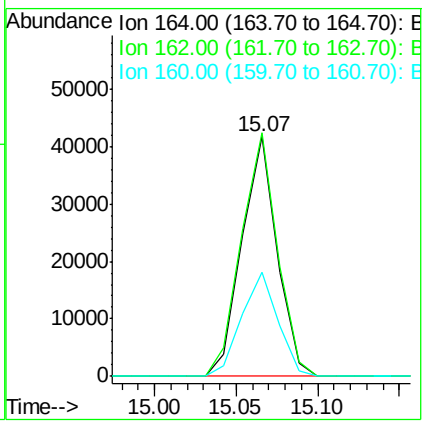


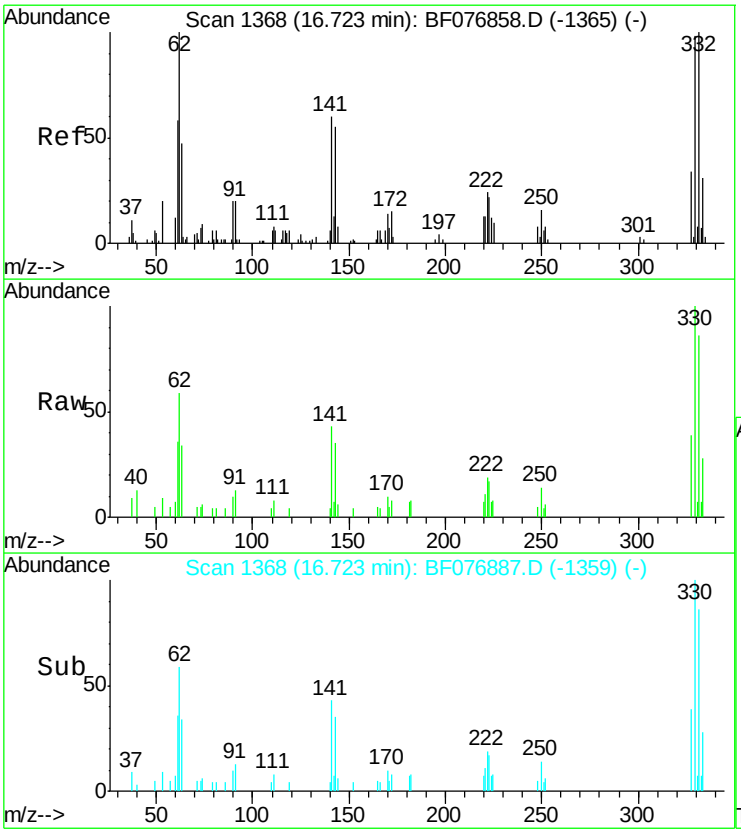
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 62265

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	43.3	34.8	52.2

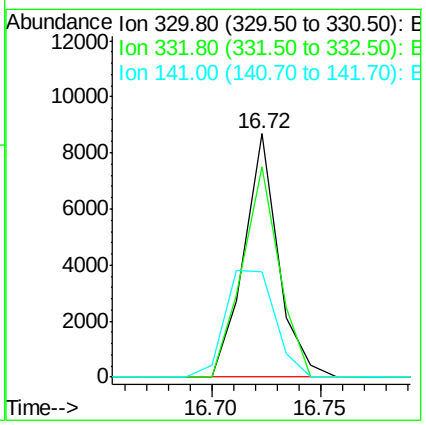


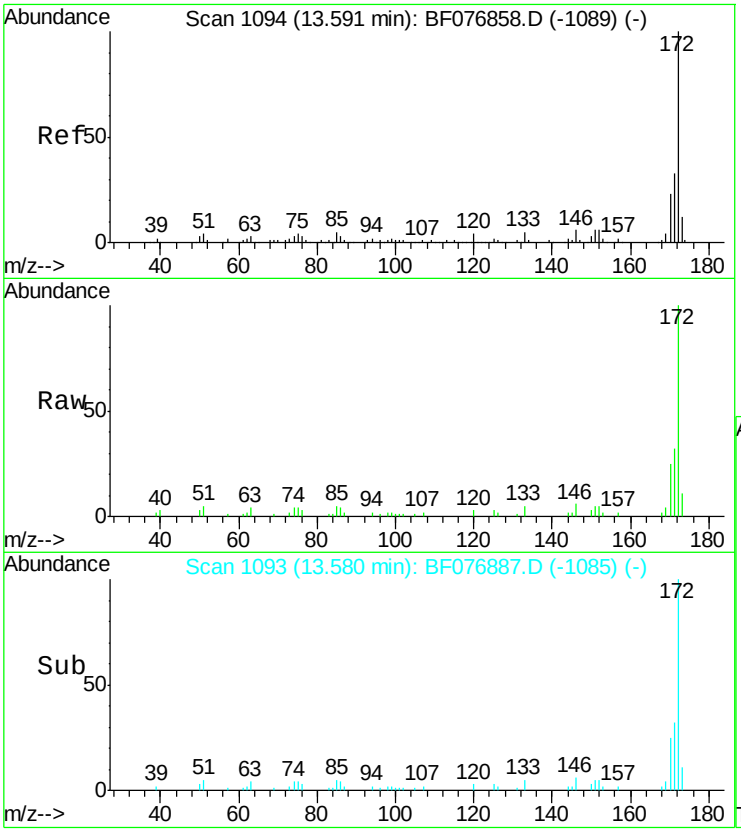


#41
2,4,6-Tribromophenol
Concen: 18.95 ng
RT: 16.72 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:330 Resp: 9579

Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.8	116.6
141	63.3	38.5	57.7#



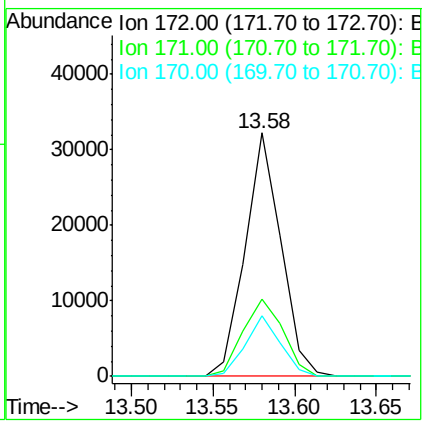


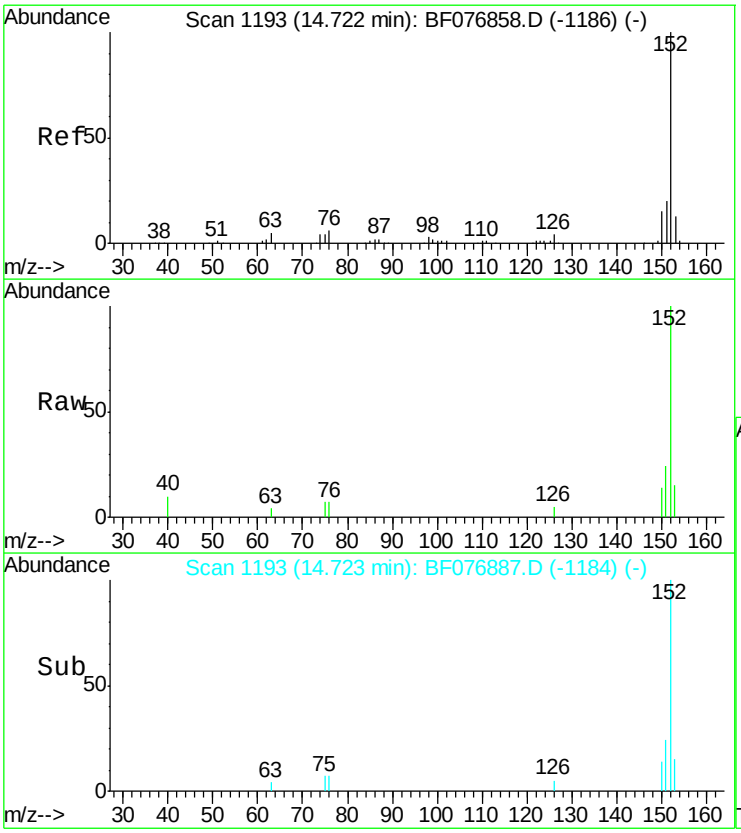
#44
2-Fluorobiphenyl
Concen: 12.00 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 49104

Ion	Ratio	Lower	Upper
172	100		
171	31.6	26.6	40.0
170	24.9	18.0	27.0

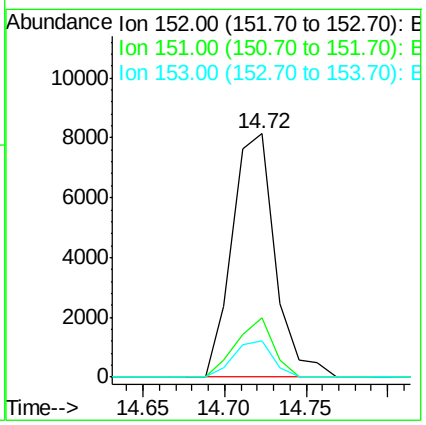


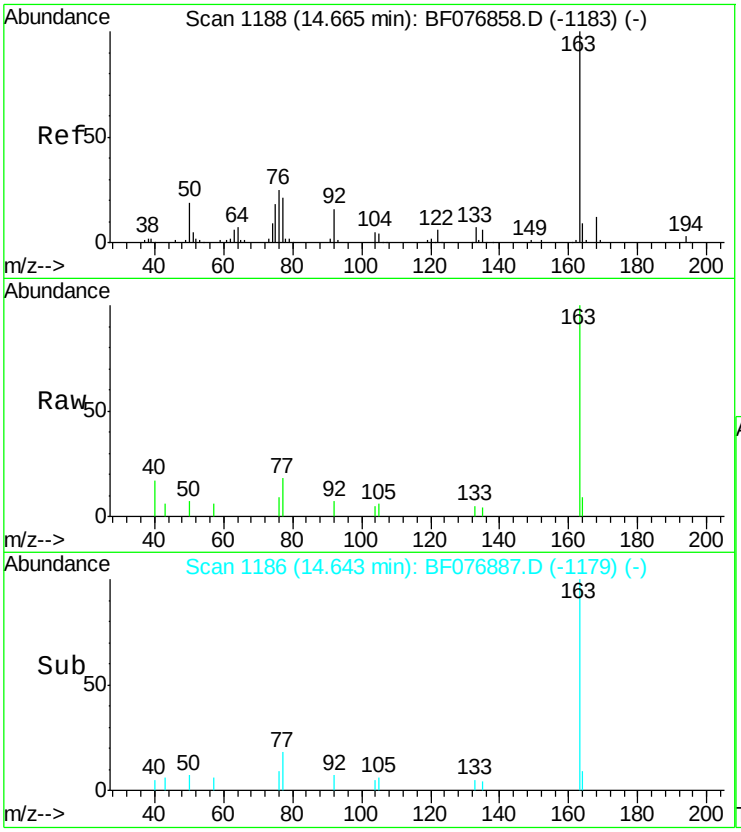


#48
Acenaphthylene
Concen: 2.32 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:152 Resp: 14881

Ion	Ratio	Lower	Upper
152	100		
151	24.2	15.9	23.9#
153	14.7	10.2	15.4



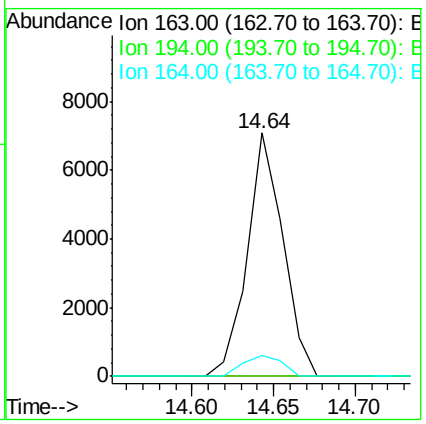


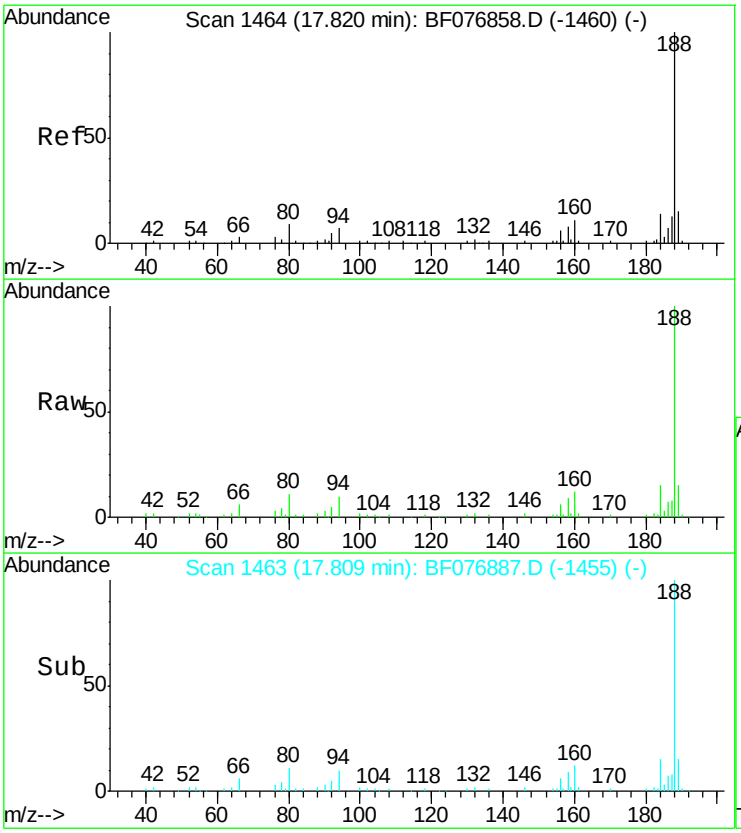
#49
Dimethylphthalate
Concen: 2.44 ng
RT: 14.64 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 10772

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	8.8	7.5	11.3

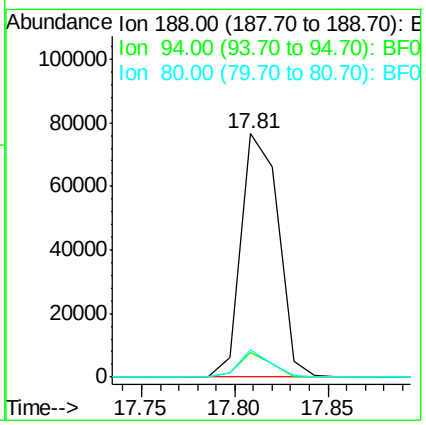


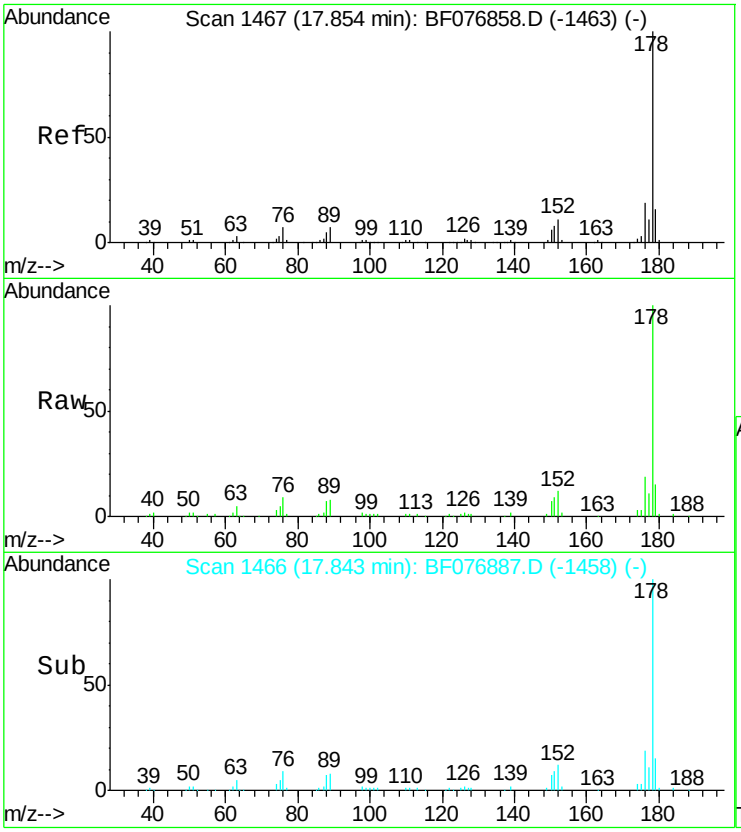


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:188 Resp: 105983

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.0	9.0#
80	11.3	6.9	10.3#



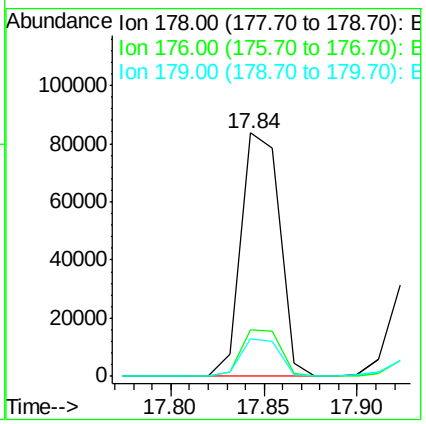


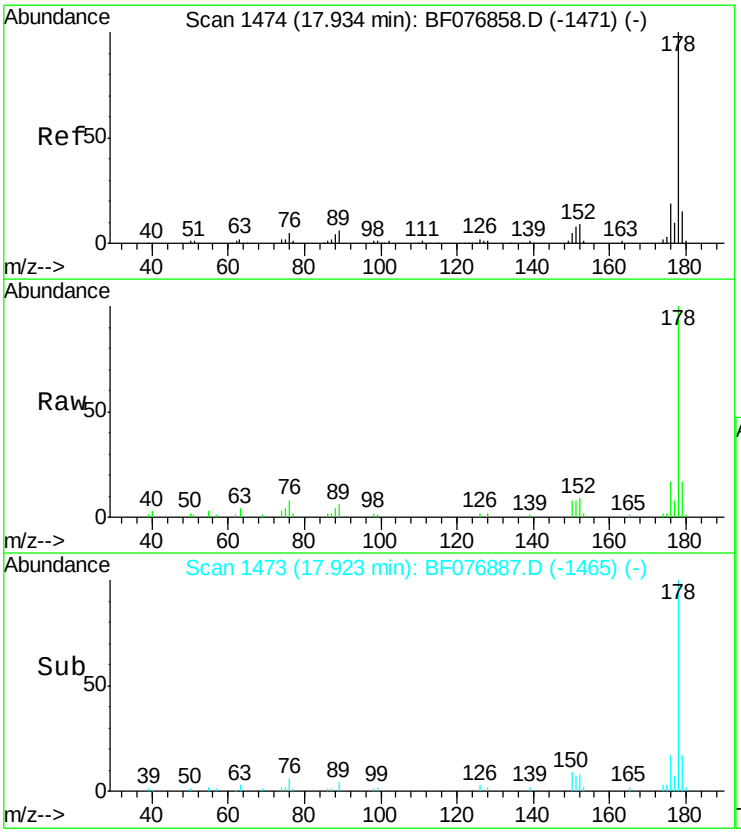
#70
Phenanthrene
Concen: 18.11 ng
RT: 17.84 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 119674

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	12.7	19.1

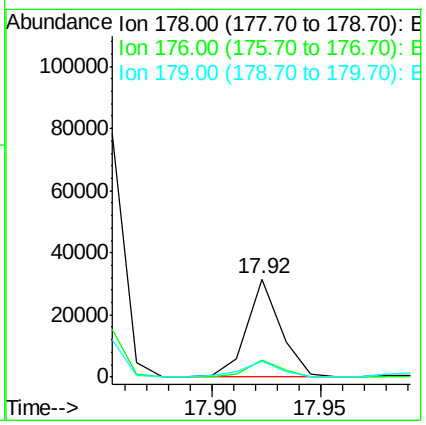


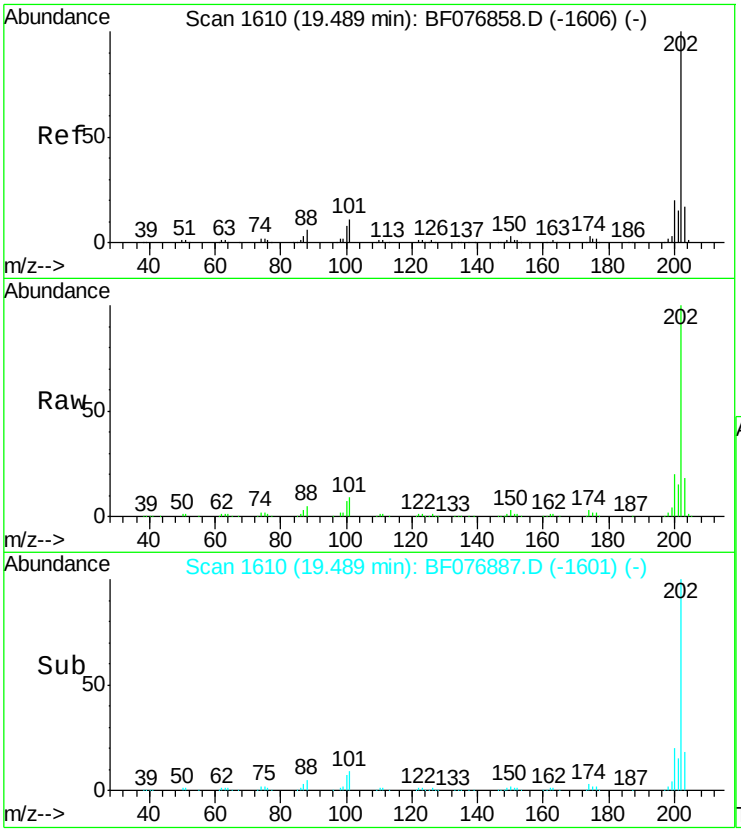


#71
Anthracene
Concen: 5.32 ng
RT: 17.92 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:178 Resp: 34288

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.0
179	16.6	11.9	17.9



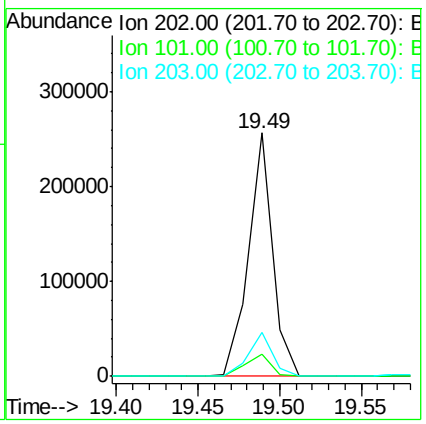


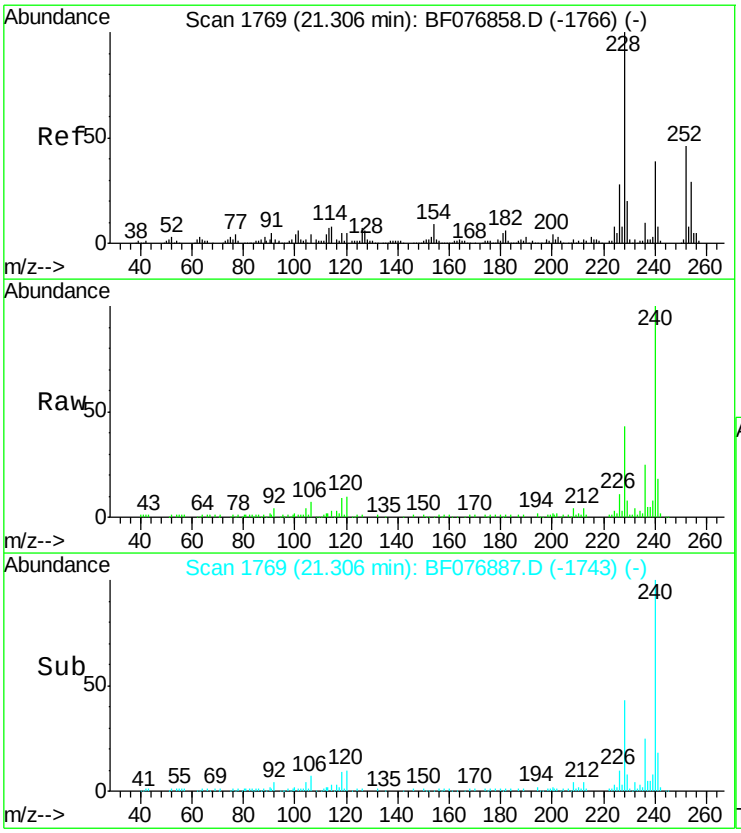
#74
Fluoranthene
Concen: 38.99 ng
RT: 19.49 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 264071

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.7
203	18.0	0.0	36.9

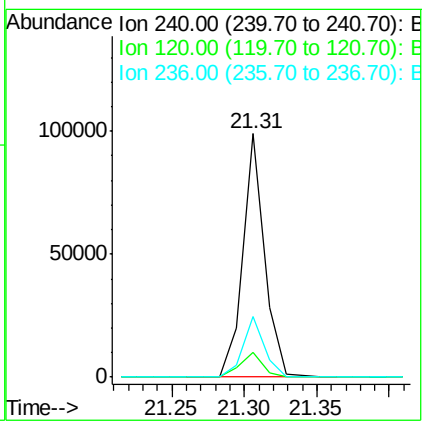


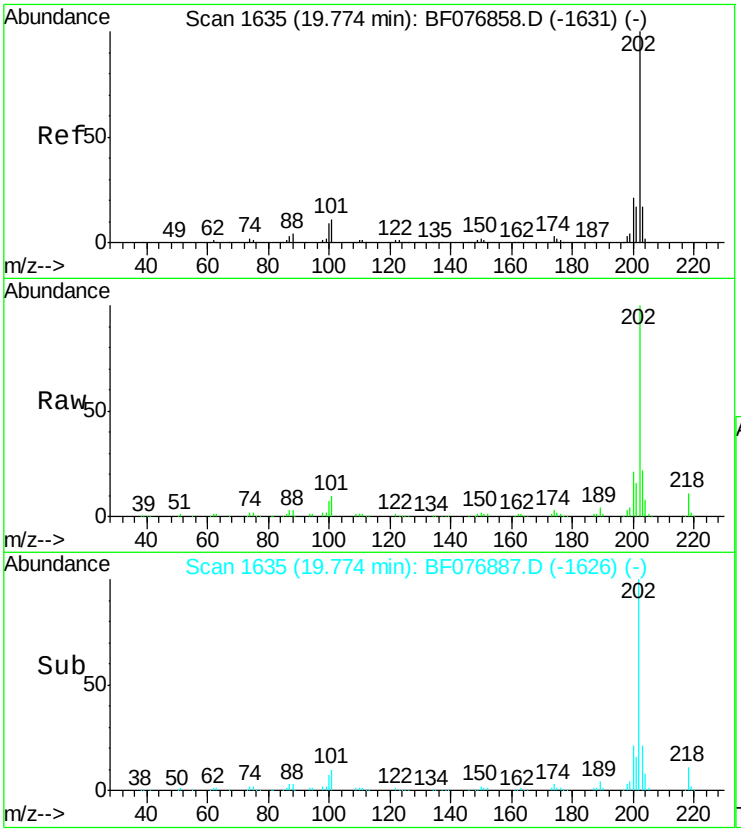


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:240 Resp: 102600

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	25.0	20.2	30.2



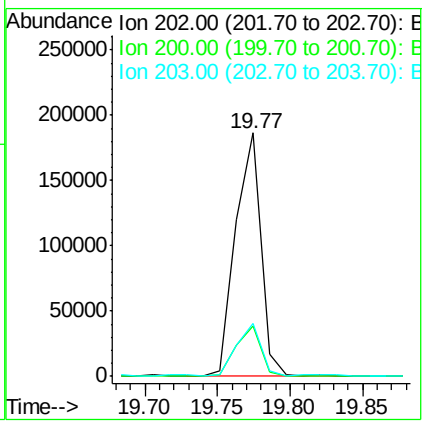


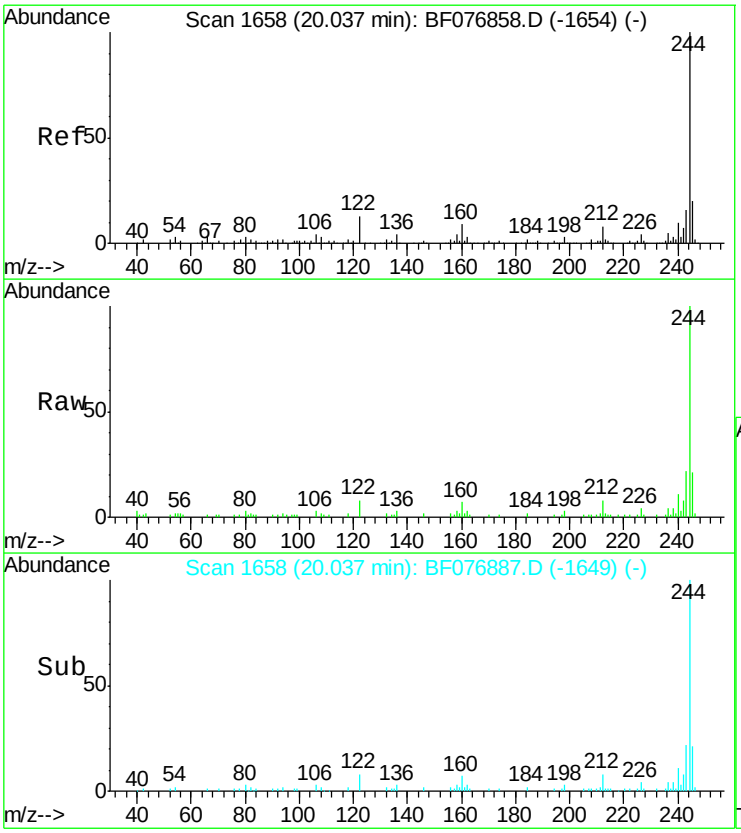
#77
Pyrene
Concen: 31.95 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 224670

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	21.9	14.0	21.0#

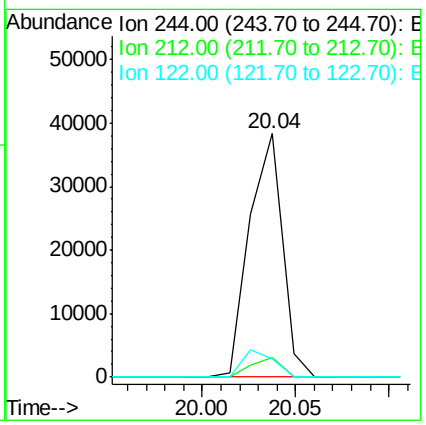


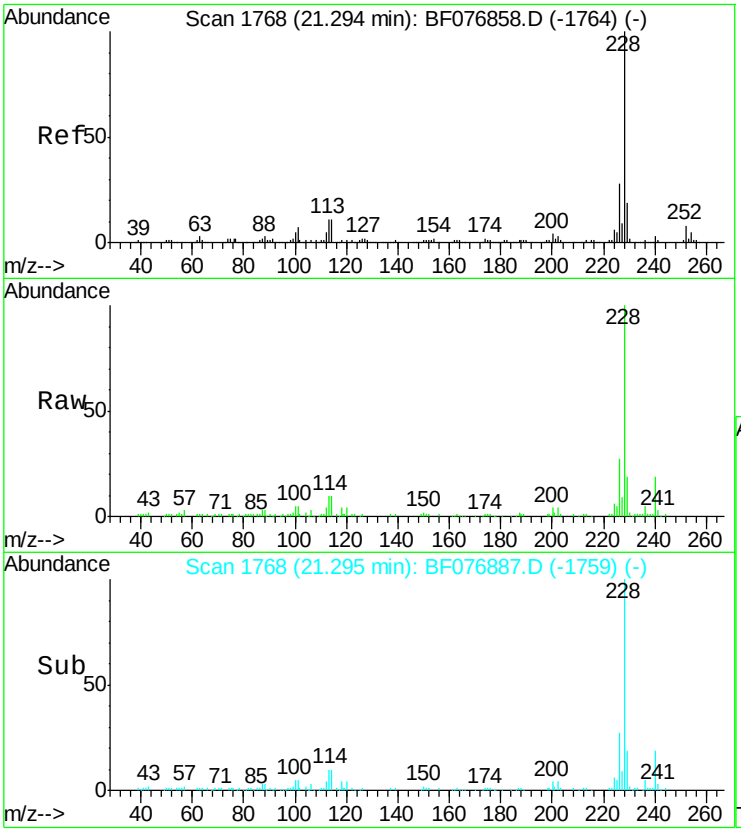


#78
Terphenyl-d14
Concen: 10.53 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:244 Resp: 46943

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	7.6	10.1	15.1#



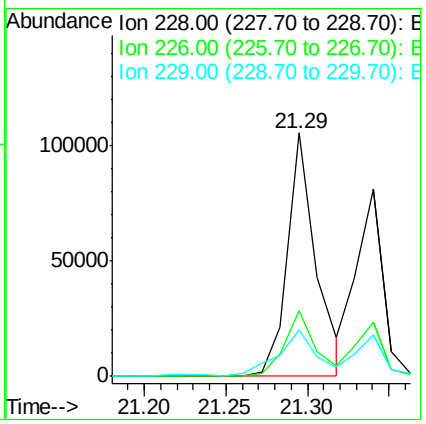


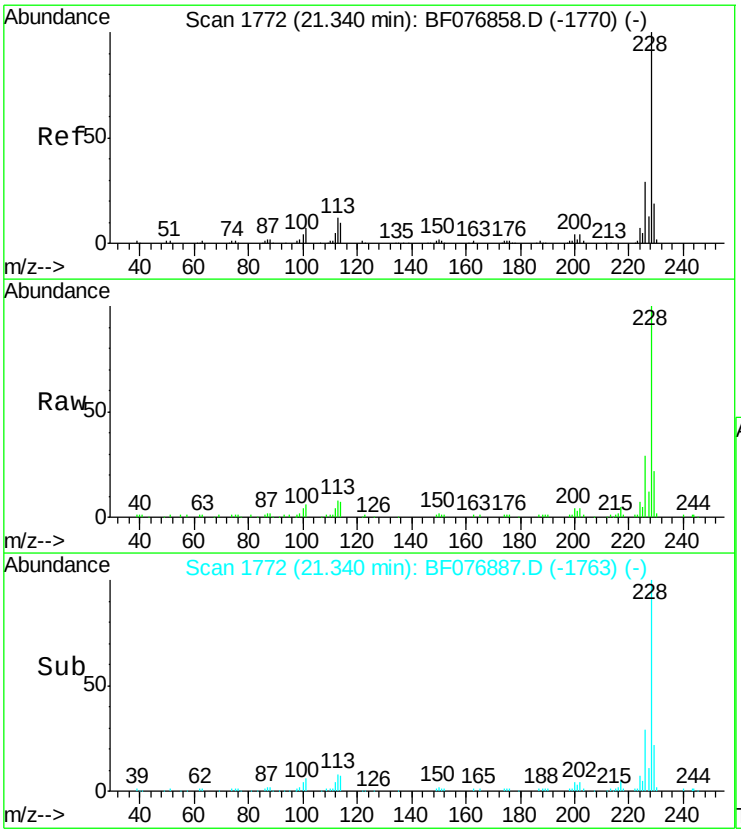
#80
Benzo(a)anthracene
Concen: 20.15 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 129728

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.1	15.5	23.3

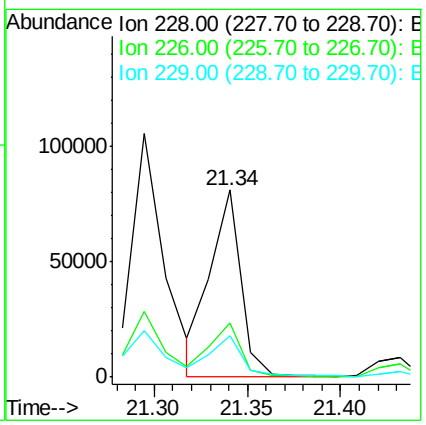


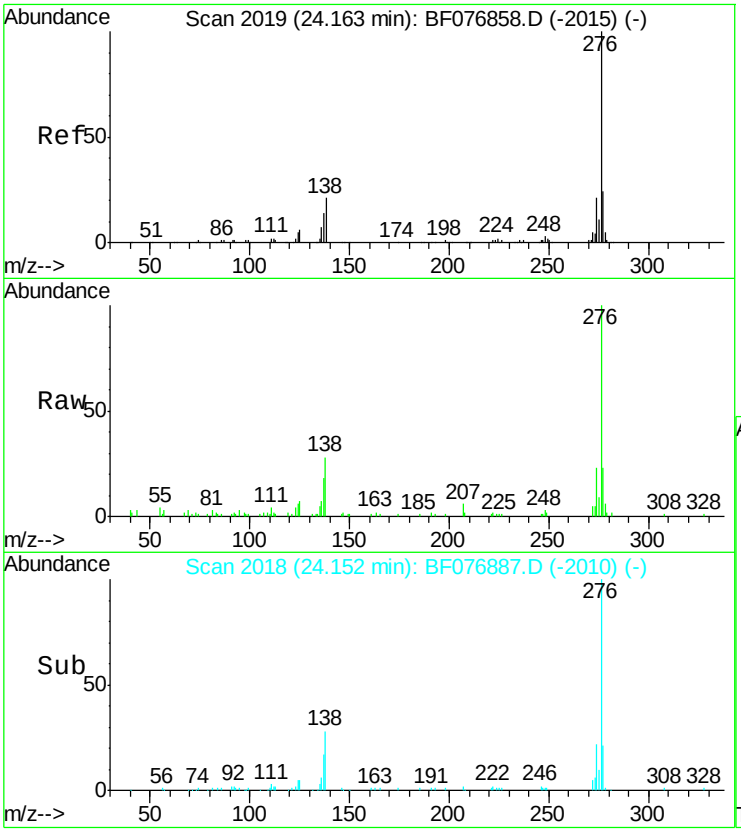


#82
Chrysene
Concen: 15.99 ng
RT: 21.34 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:228 Resp: 93861

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	22.1	15.4	23.0



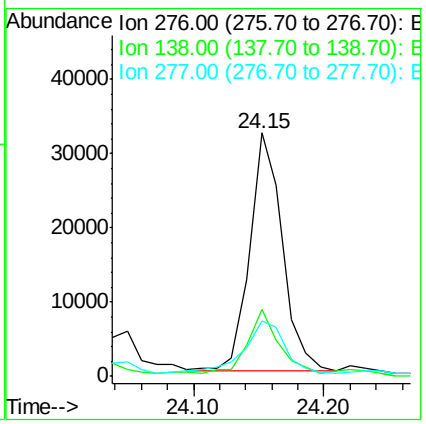


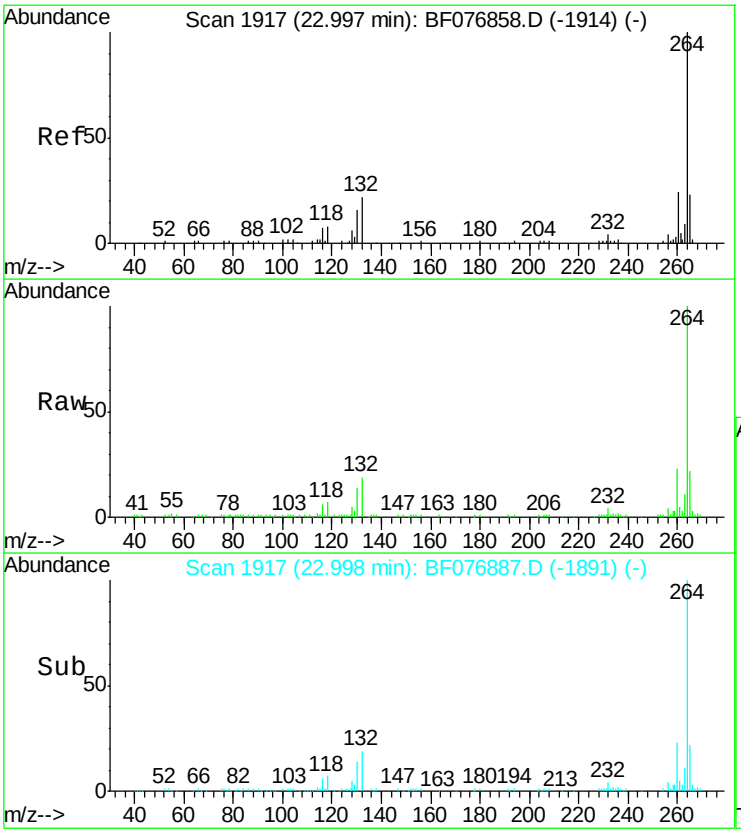
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.95 ng
RT: 24.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55689

Ion	Ratio	Lower	Upper
276	100		
138	26.0	14.6	22.0#
277	28.5	14.8	22.2#

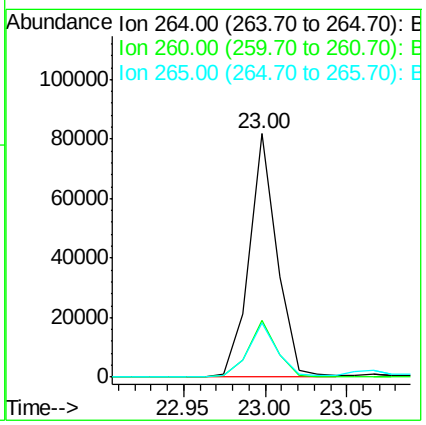


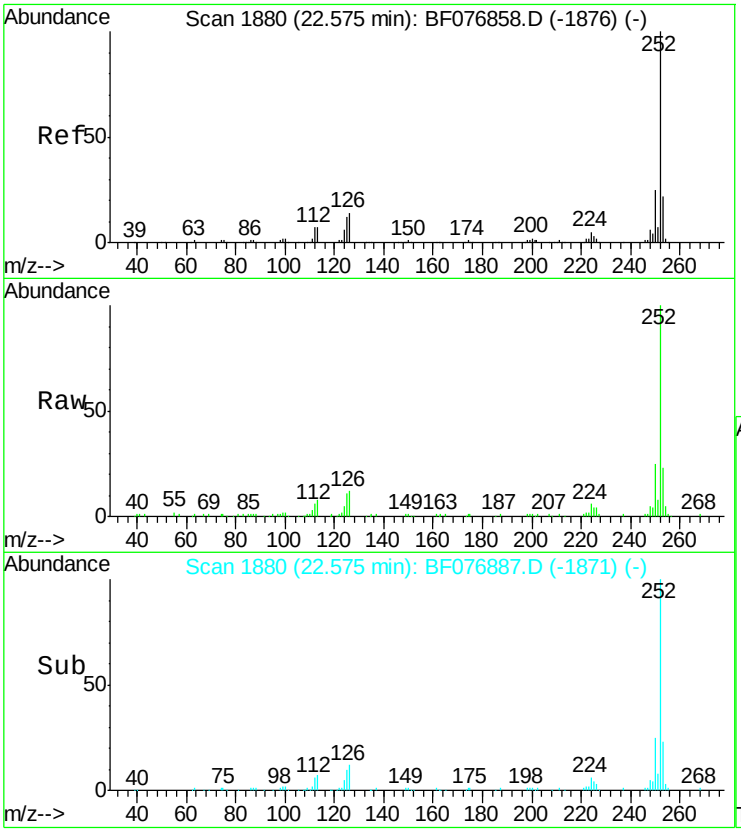


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:264 Resp: 97077

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	22.2	18.1	27.1



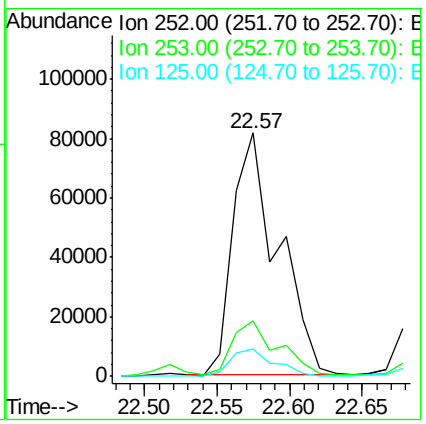


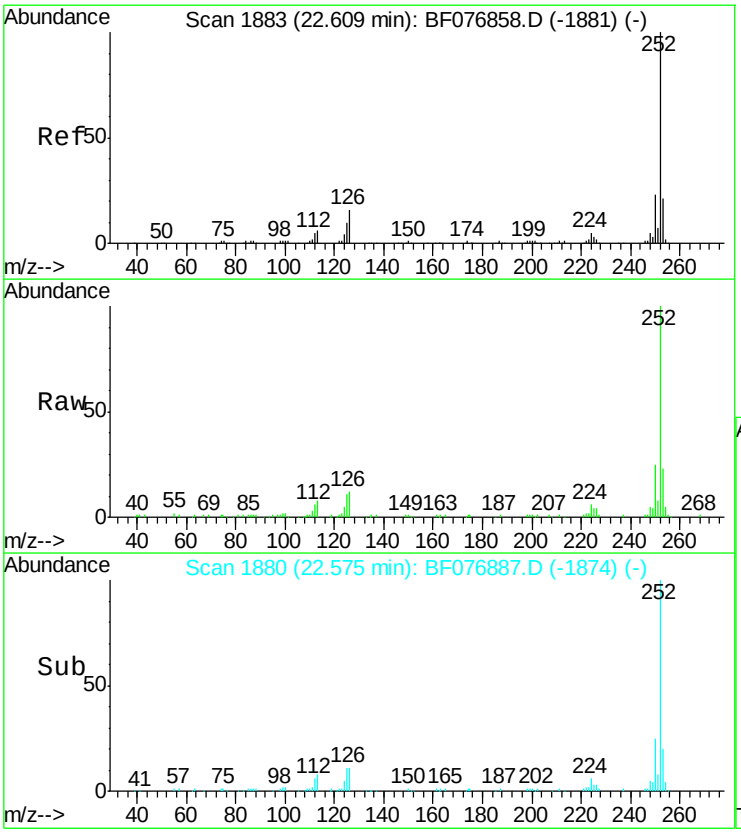
#87
Benzo(b)fluoranthene
Concen: 26.84 ng
RT: 22.57 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 175460

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.0	9.4	14.0

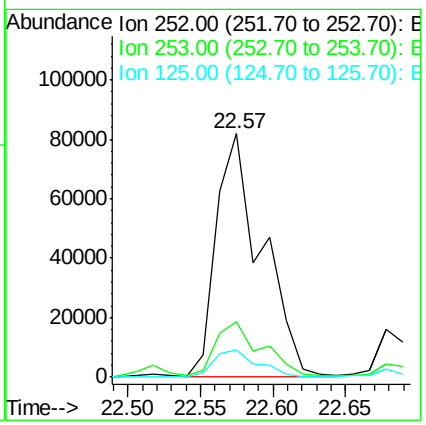


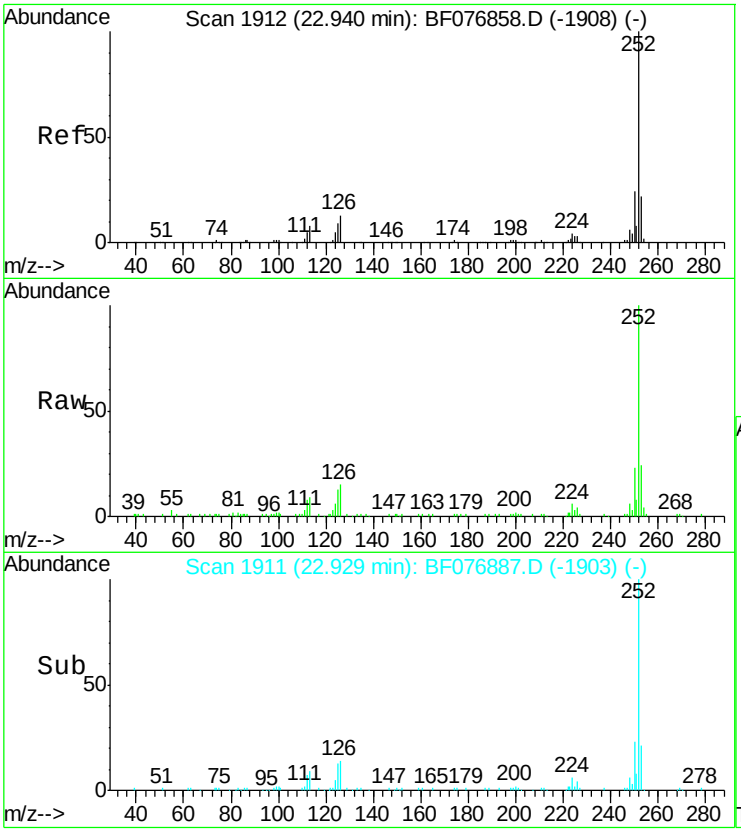


#88
Benzo(k)fluoranthene
Concen: 31.33 ng
RT: 22.57 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:252 Resp: 178989

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.0	7.1	10.7#



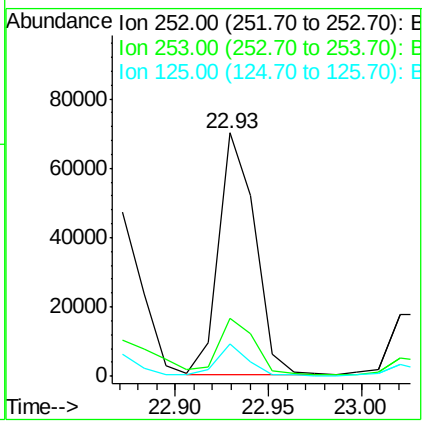


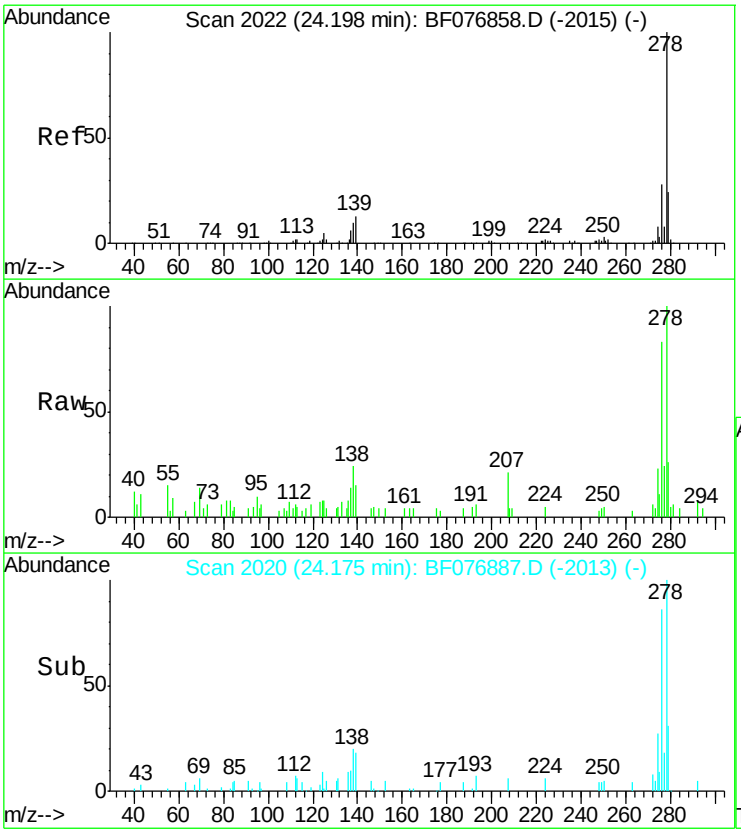
#89
Benzo(a)pyrene
Concen: 16.29 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 93936

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	13.4	7.2	10.8#

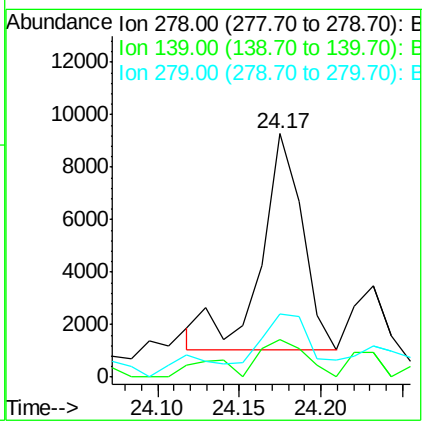


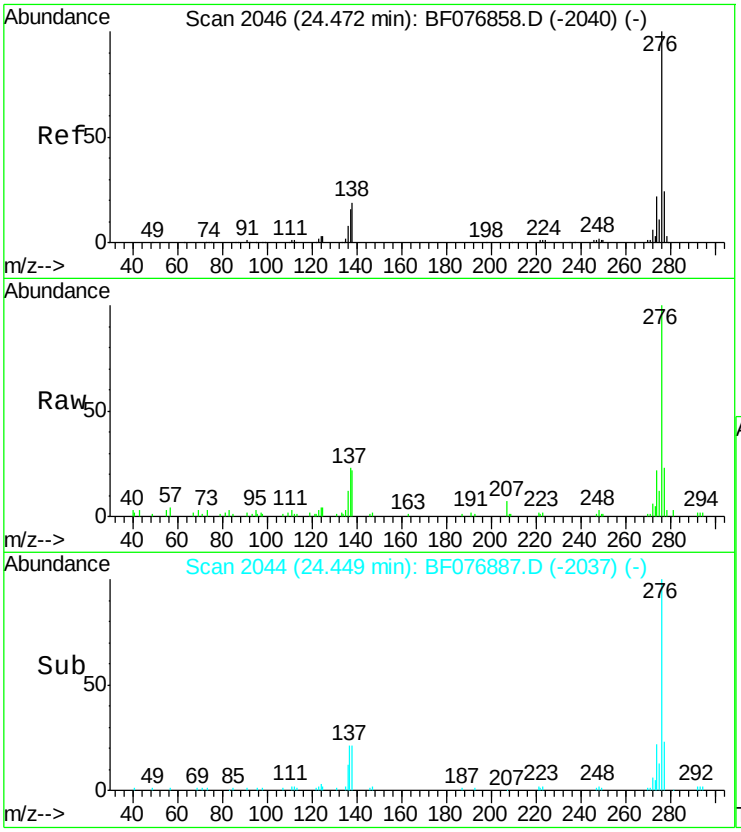


#90
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 24.17 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Tgt Ion:278 Resp: 14696

Ion	Ratio	Lower	Upper
278	100		
139	15.4	10.5	15.7
279	26.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 10.37 ng
RT: 24.45 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF076887.D
Acq: 15 Jan 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54564

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	22.4	15.0	22.6