Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101964.D
Acq On : 9 Jan 2018 20:37
Operator : SJ/JU
Sample : J1044-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-COMP-A

Quant Time: Jan 10 02:18:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240234	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	885944	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	299366	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452497	20.00	ng	0.00
75) Chrysene-d12	13.88	240	460548	20.00	ng	0.00
86) Perylene-d12	15.30	264	325069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1976151	116.16	ng	0.02
7) Phenol-d6	6.36	99	2298718	113.25	ng	0.01
23) Nitrobenzene-d5	7.30	82	1371563	90.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	285875	109.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1680278	87.69	ng	0.00
78) Terphenyl-d14	12.83	244	1249499	56.33	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	100878	4.398	ng	98
49) Dimethylphthalate	9.48	163	185096	7.707	ng	100
57) Fluorene	10.31	166	164247	8.759	ng	99
70) Phenanthrene	11.27	178	490702	18.565	ng	98
71) Anthracene	11.32	178	313972	11.712	ng	98
74) Fluoranthene	12.45	202	309235	11.891	ng	97
77) Pyrene	12.68	202	216671	5.322	ng	99
80) Benzo(a)anthracene	13.87	228	64818	2.206	ng	97
82) Chrysene	13.90	228	91366	2.982	ng	99

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

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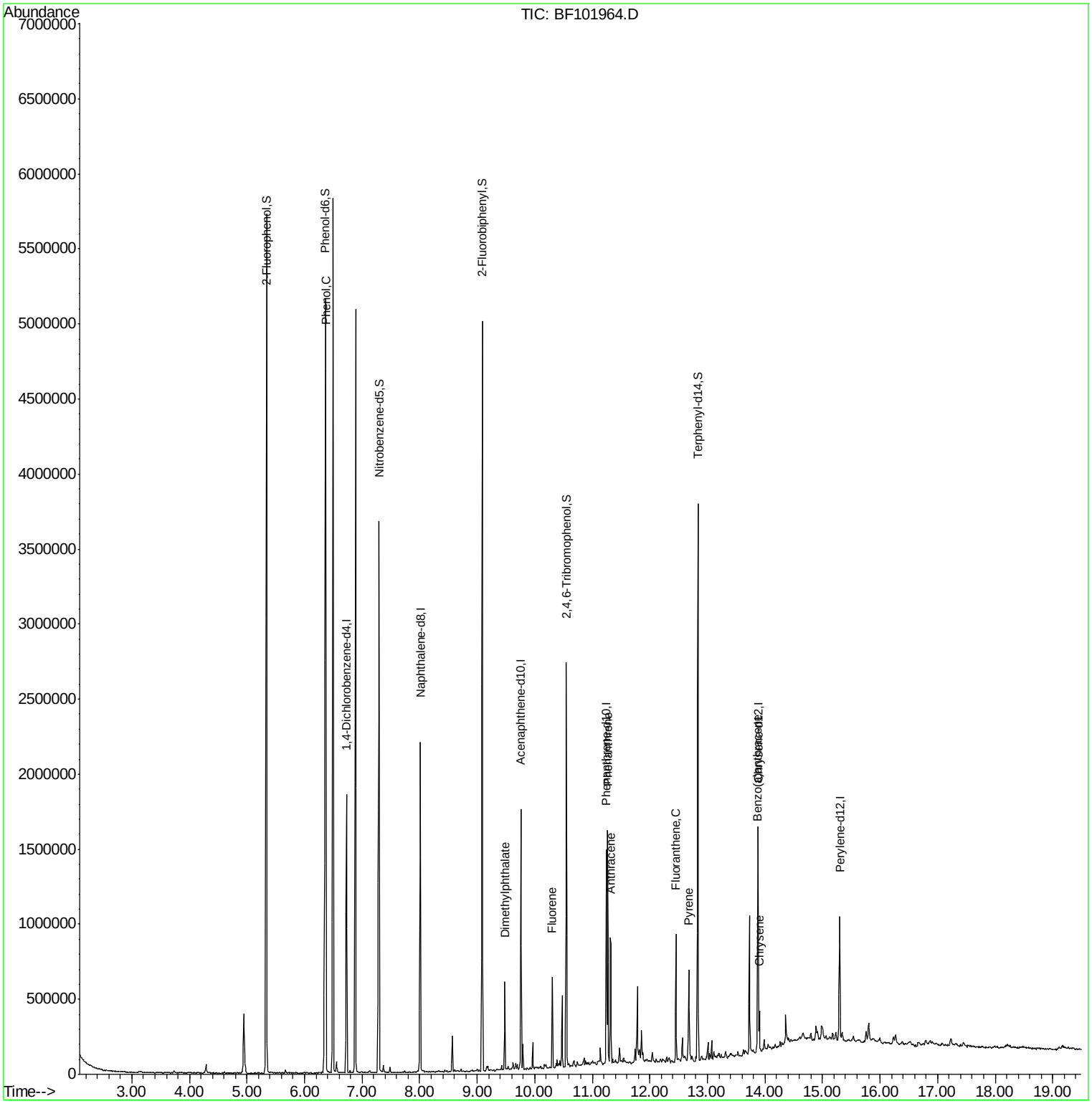
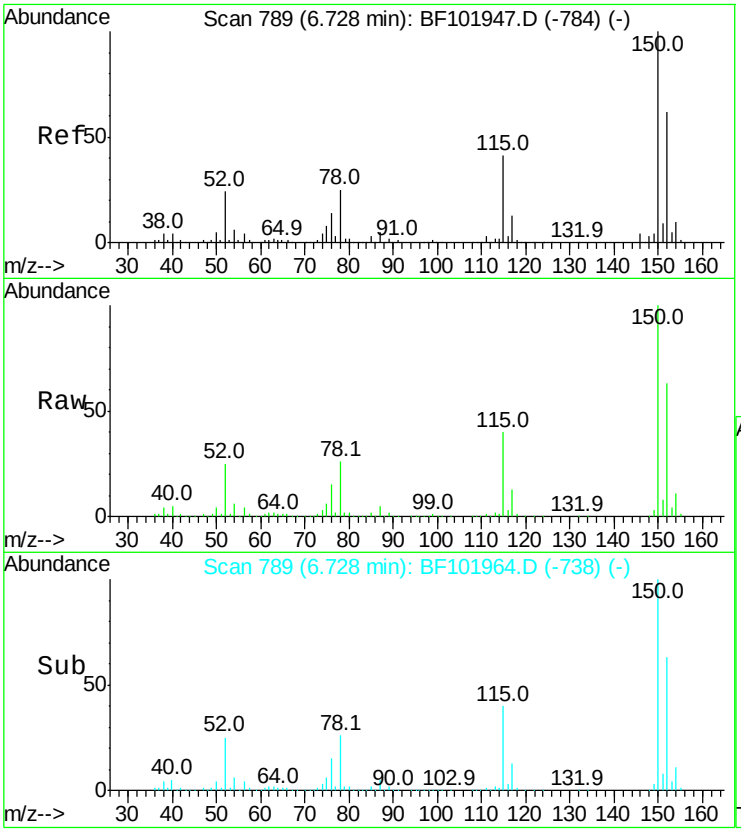


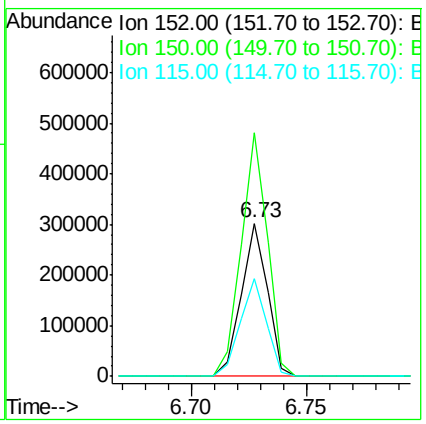


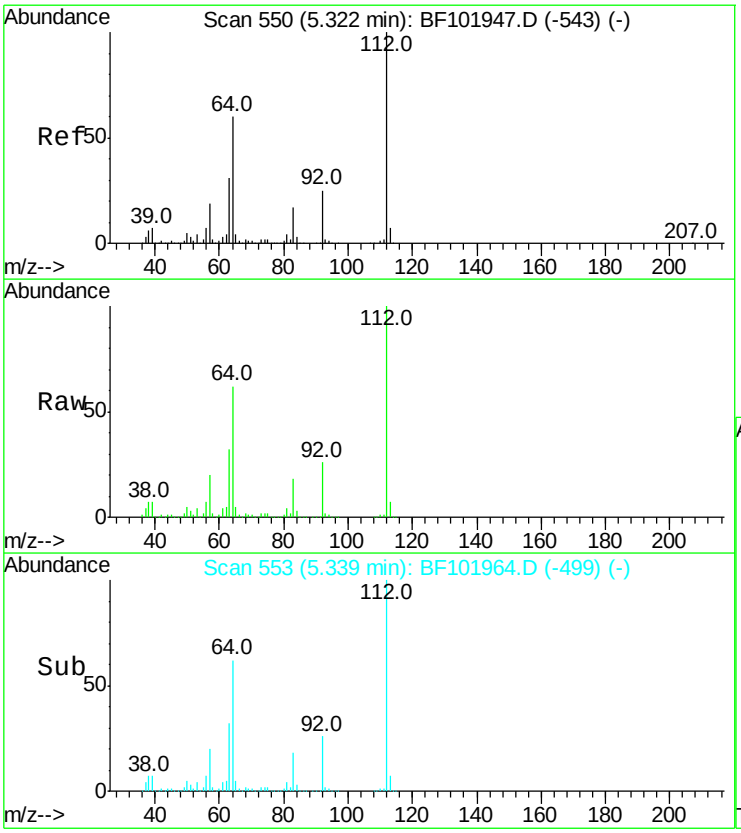
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:152 Resp: 240234

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	64.0	50.1	75.1

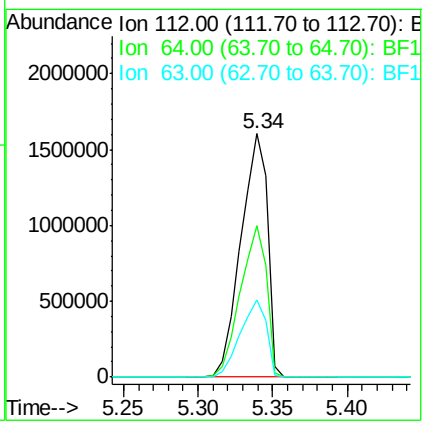


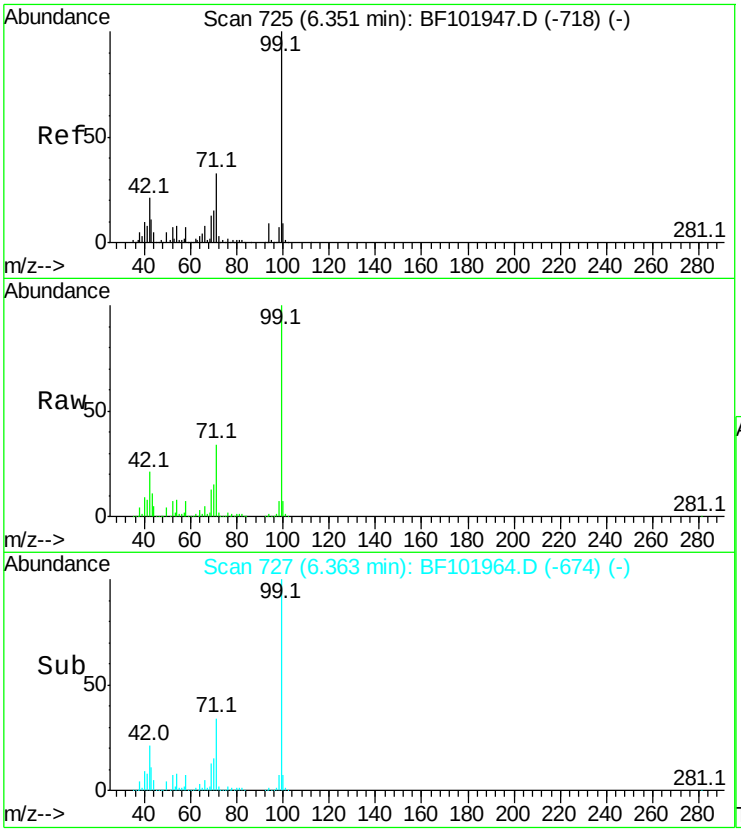


#5
2-Fluorophenol
Concen: 116.157 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:112 Resp: 1976151

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.0	23.7	35.5



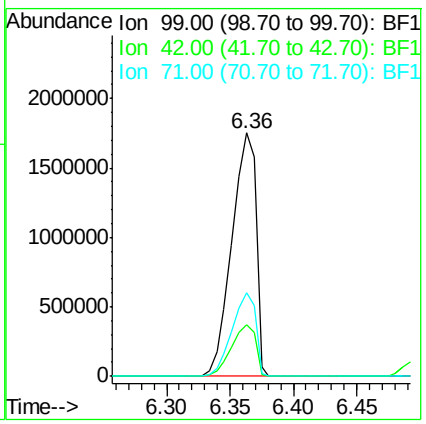


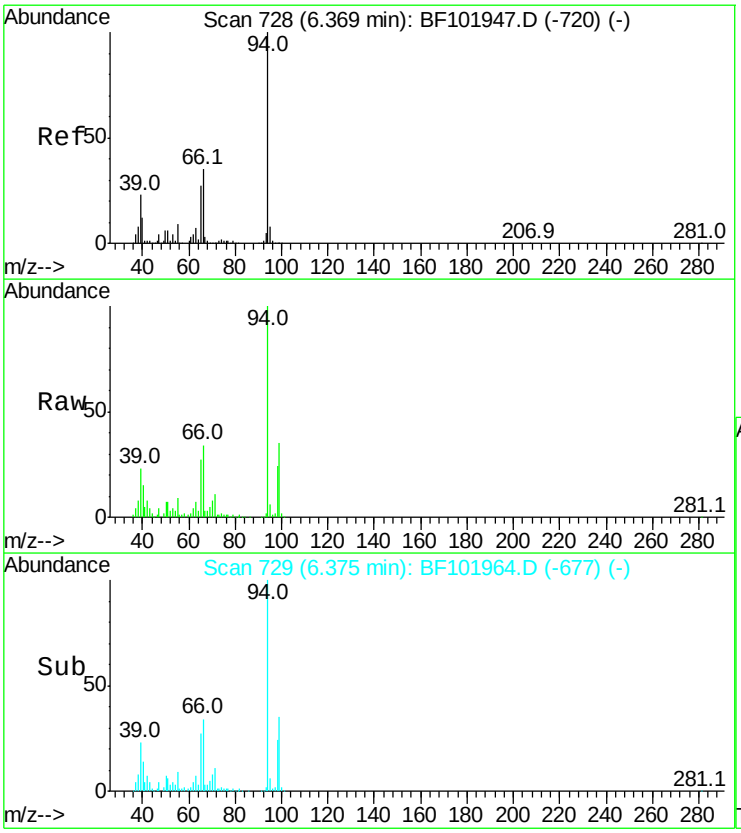
#7
Phenol-d6
Concen: 113.249 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion: 99 Resp: 2298718

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	34.3	25.4	38.0

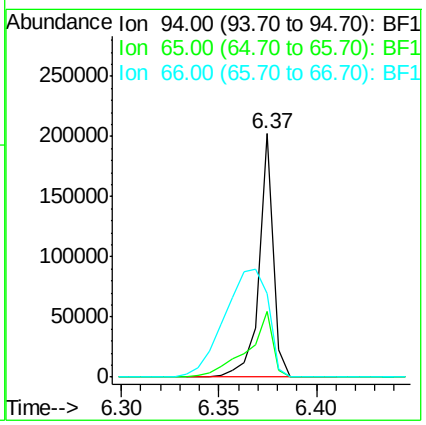


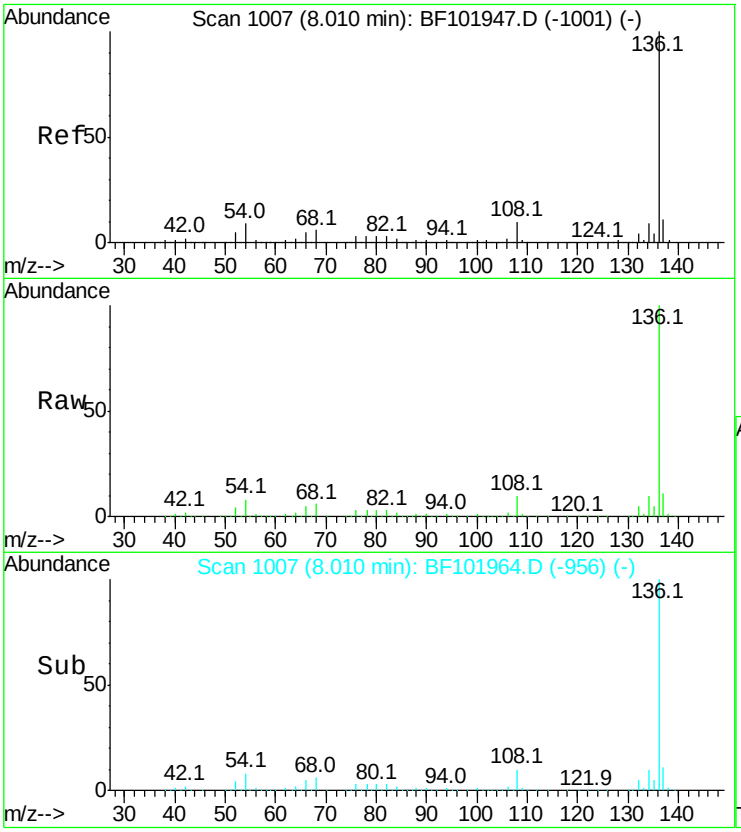


#10
Phenol
Concen: 4.398 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion: 94 Resp: 100878

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	34.3	16.2	56.2



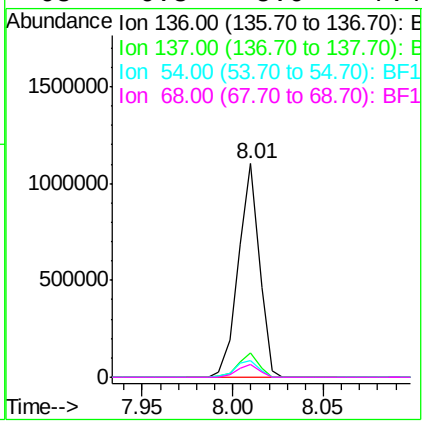


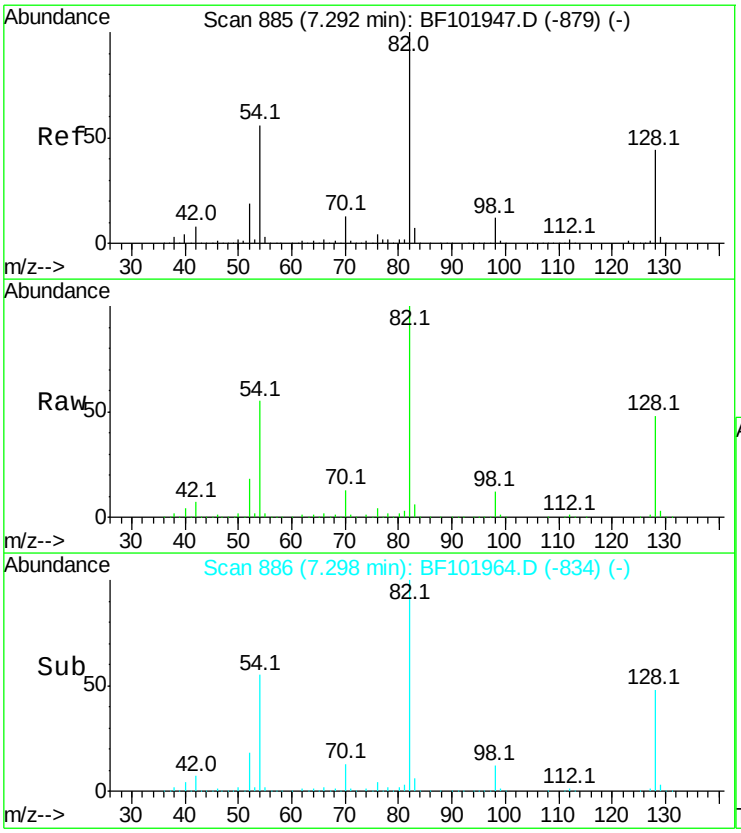
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:136 Resp: 885944

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	6.6	9.8
68	6.3	5.0	7.4

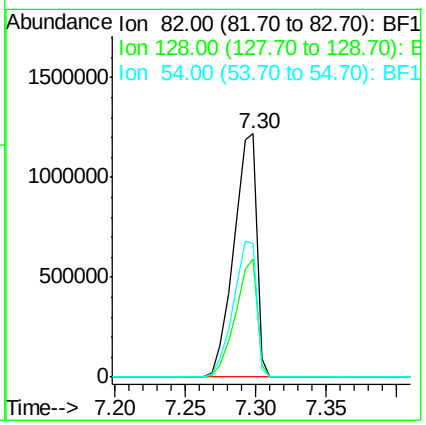


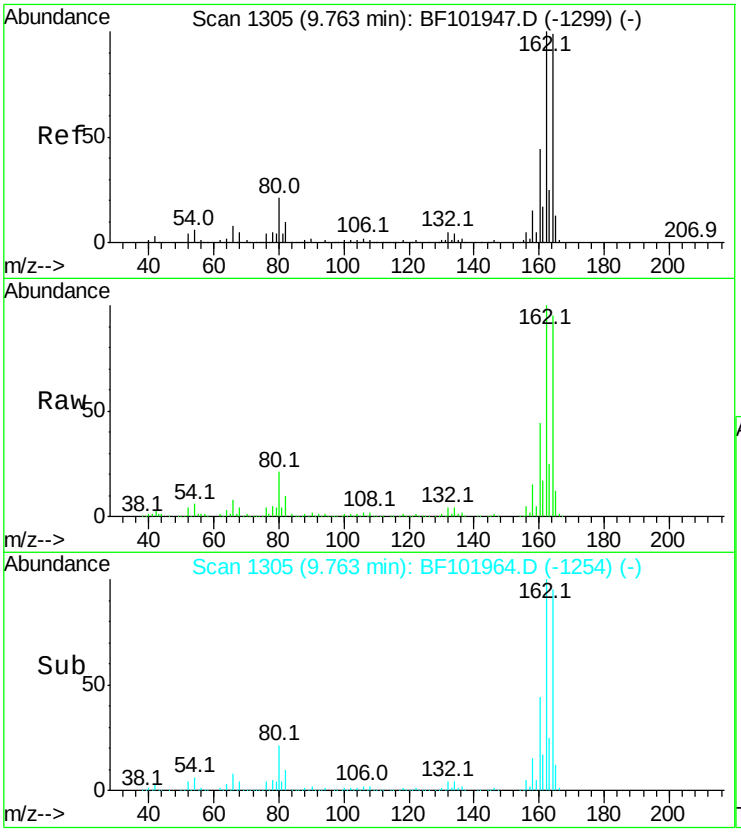


#23
Nitrobenzene-d5
Concen: 90.975 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion: 82 Resp: 1371563

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	54.6	41.4	62.2



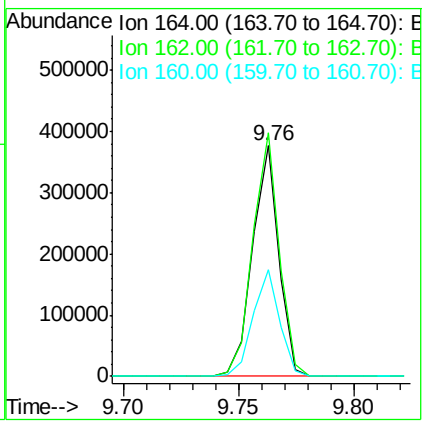


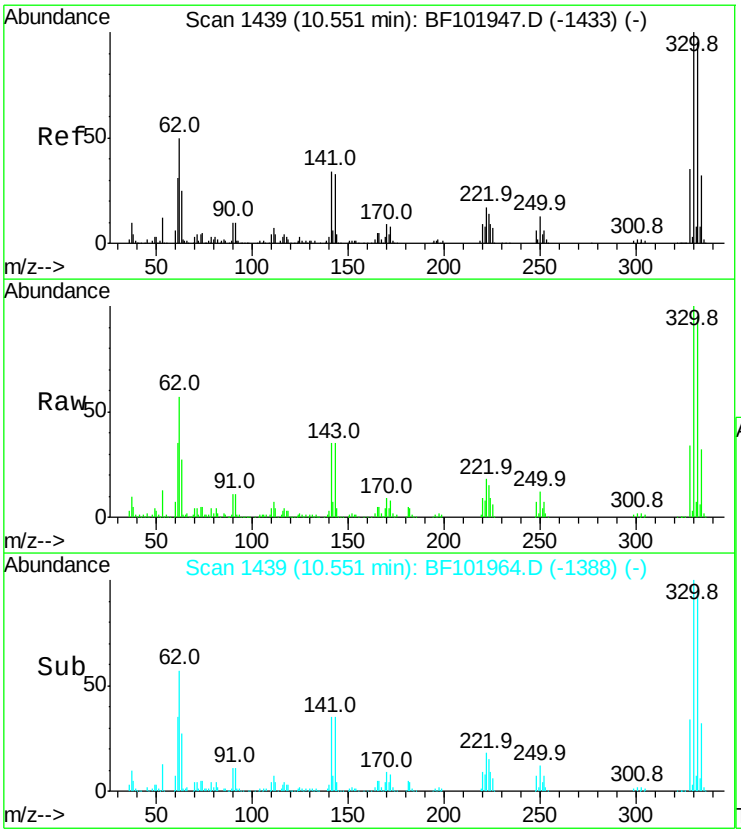
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:164 Resp: 299366

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.5	38.3	57.5

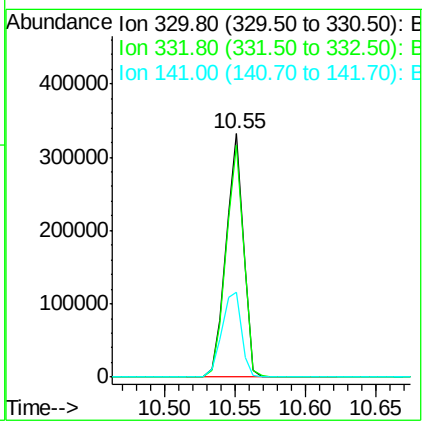


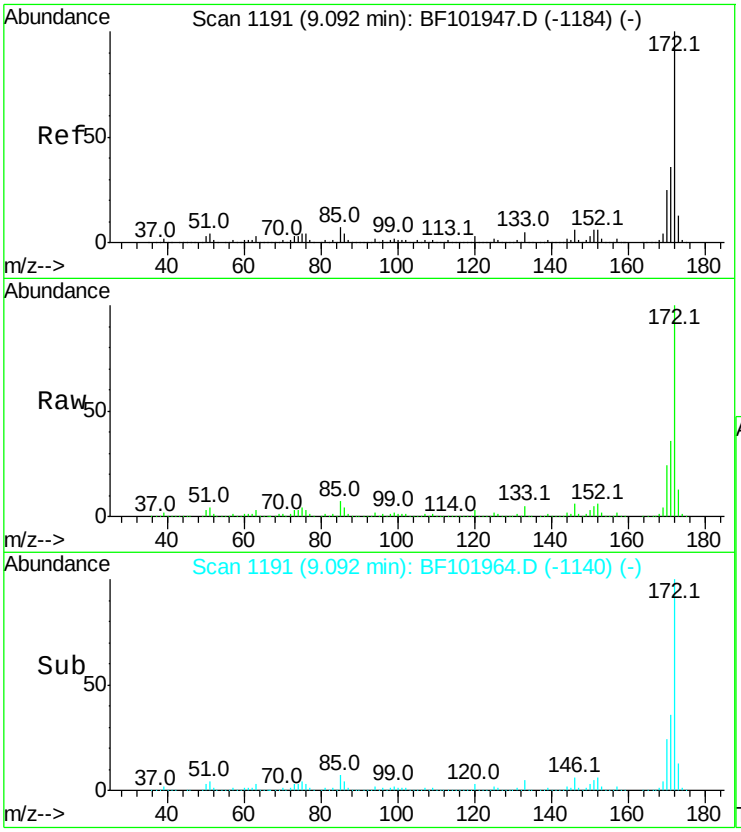


#41
2,4,6-Tribromophenol
Concen: 109.425 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:330 Resp: 285875

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.5	29.9	44.9



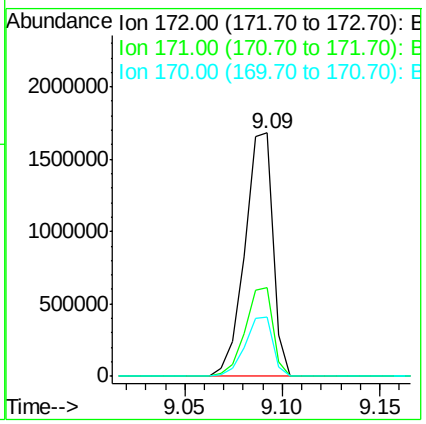


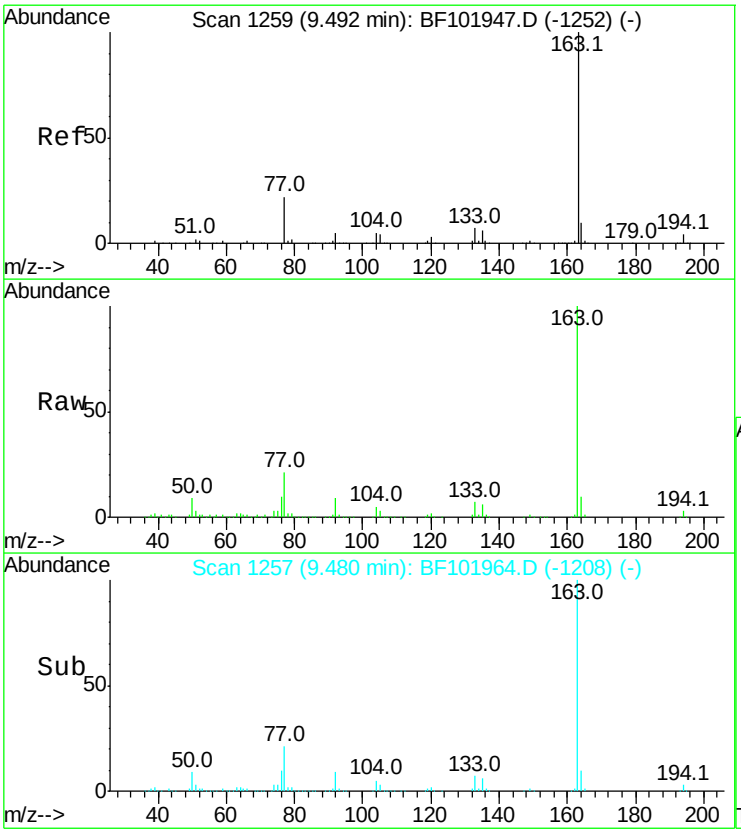
#44
2-Fluorobiphenyl
Concen: 87.687 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:172 Resp: 1680278

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

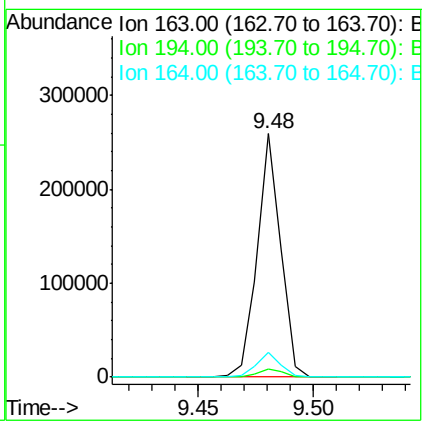


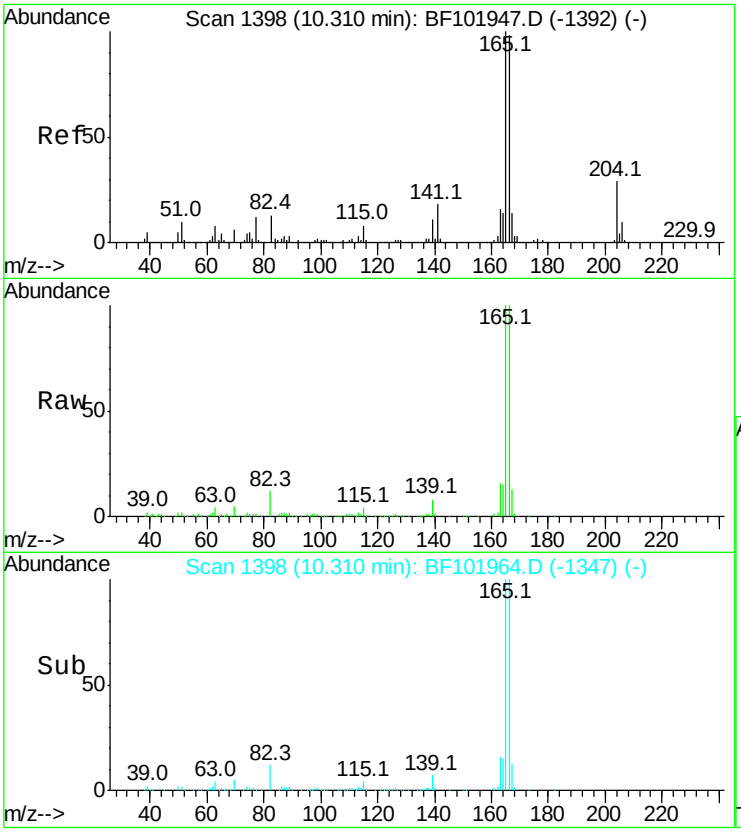


#49
Dimethylphthalate
Concen: 7.707 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:163 Resp: 185096

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2



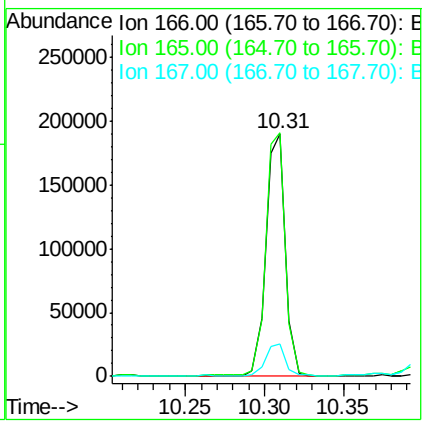


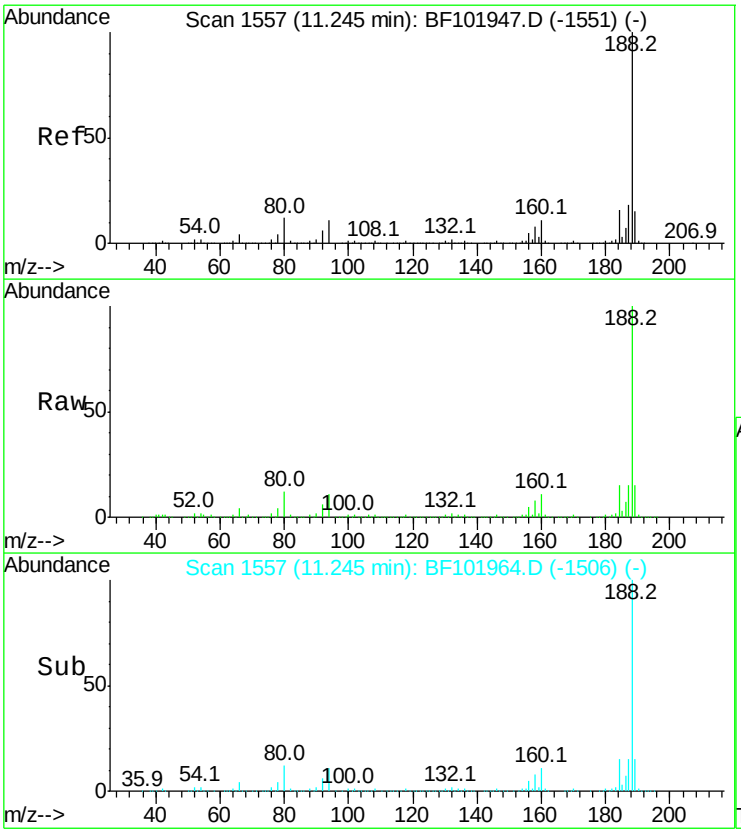
#57
Fluorene
Concen: 8.759 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:166 Resp: 164247

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.4	10.6	16.0

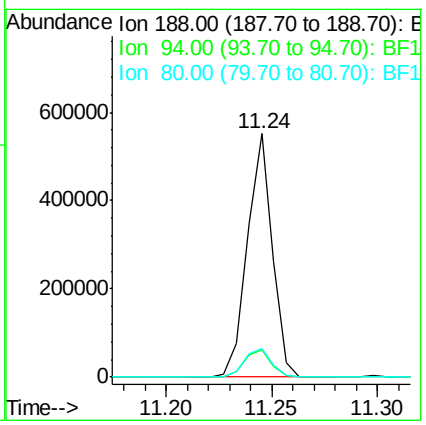


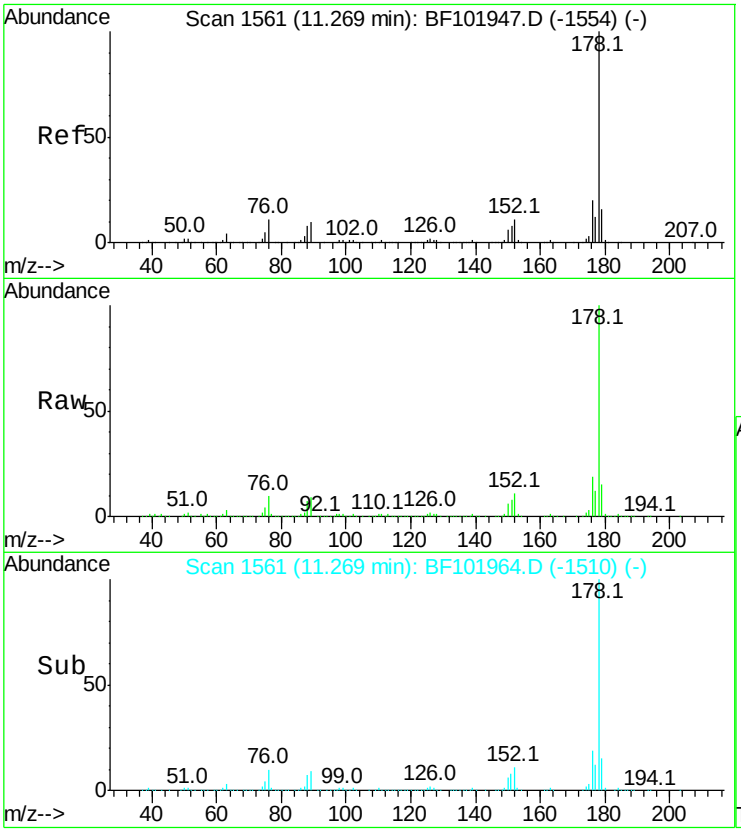


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:188 Resp: 452497

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.9	9.2	13.8



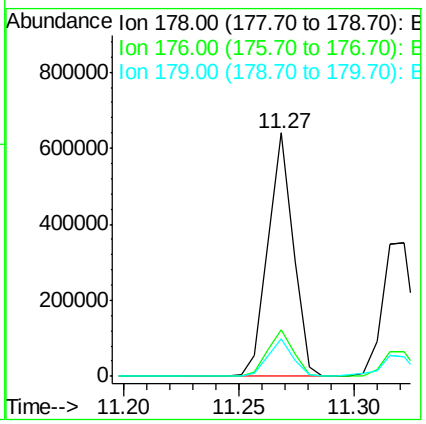


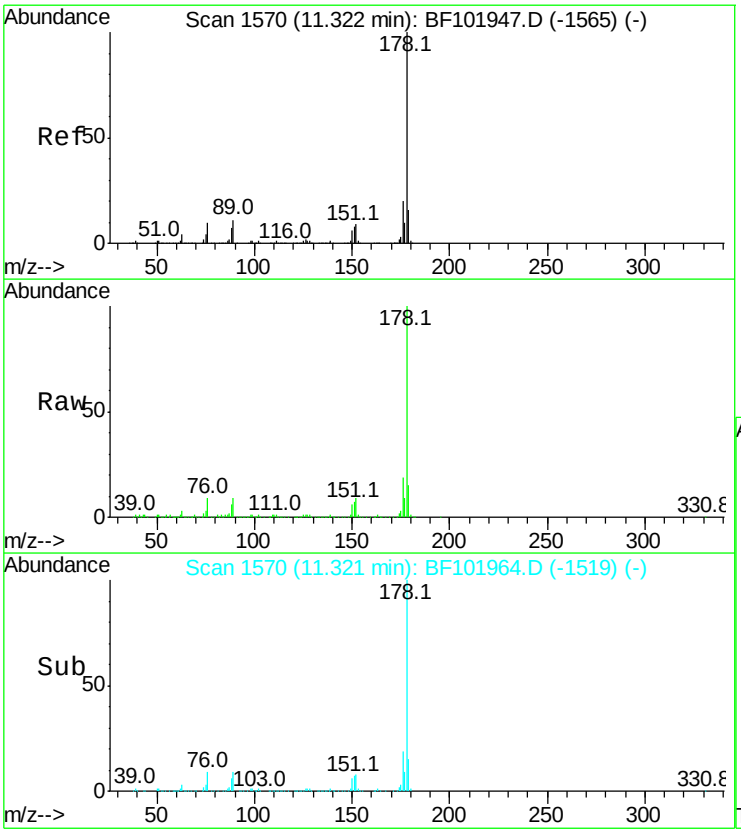
#70
Phenanthrene
Concen: 18.565 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:178 Resp: 490702

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

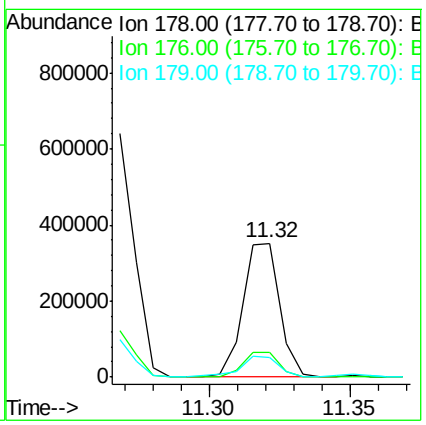


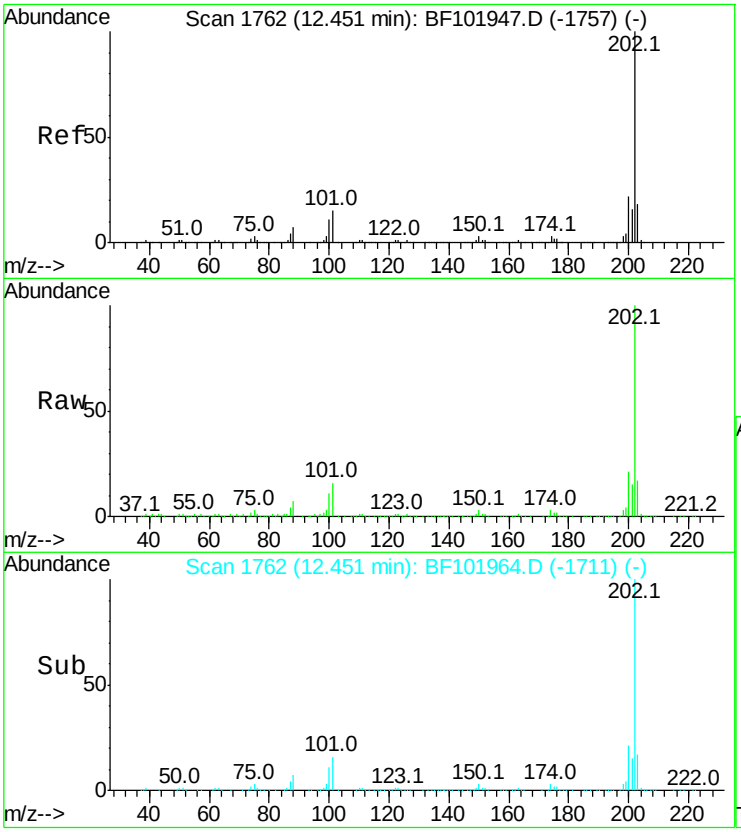


#71
Anthracene
Concen: 11.712 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:178 Resp: 313972

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.8	12.6	19.0



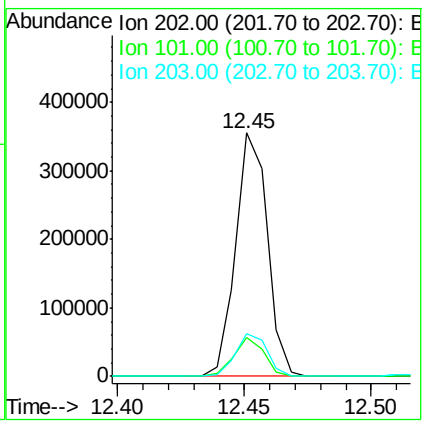


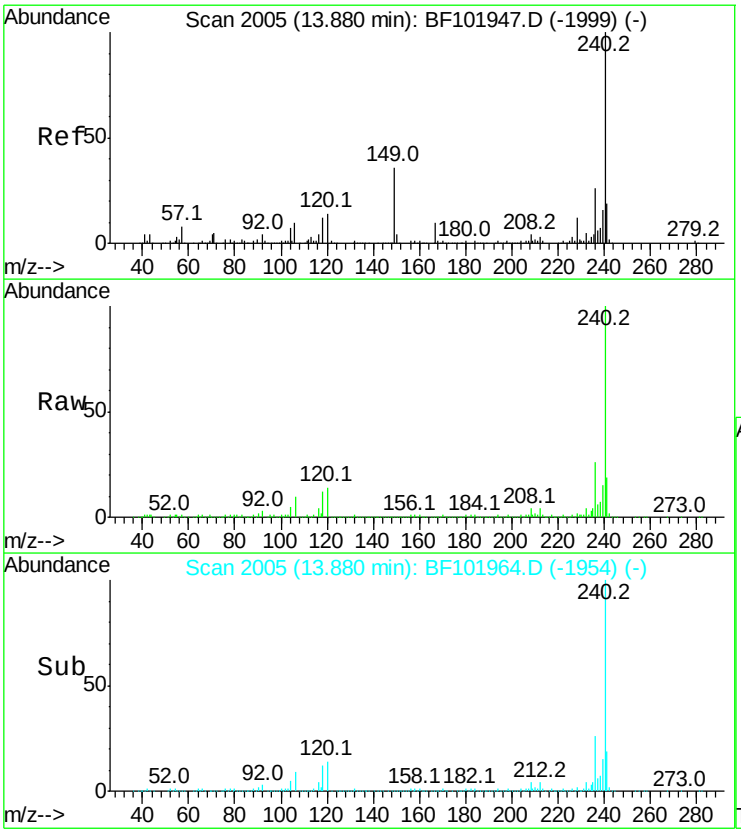
#74
Fluoranthene
Concen: 11.891 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:202 Resp: 309235

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.5	0.0	38.1

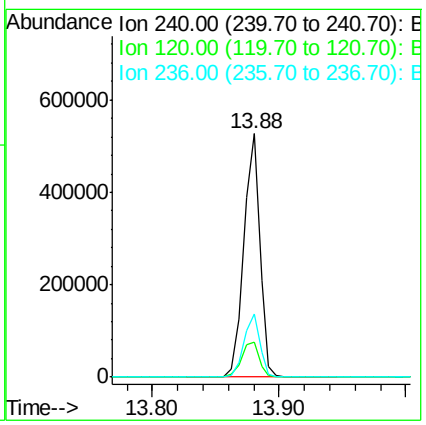


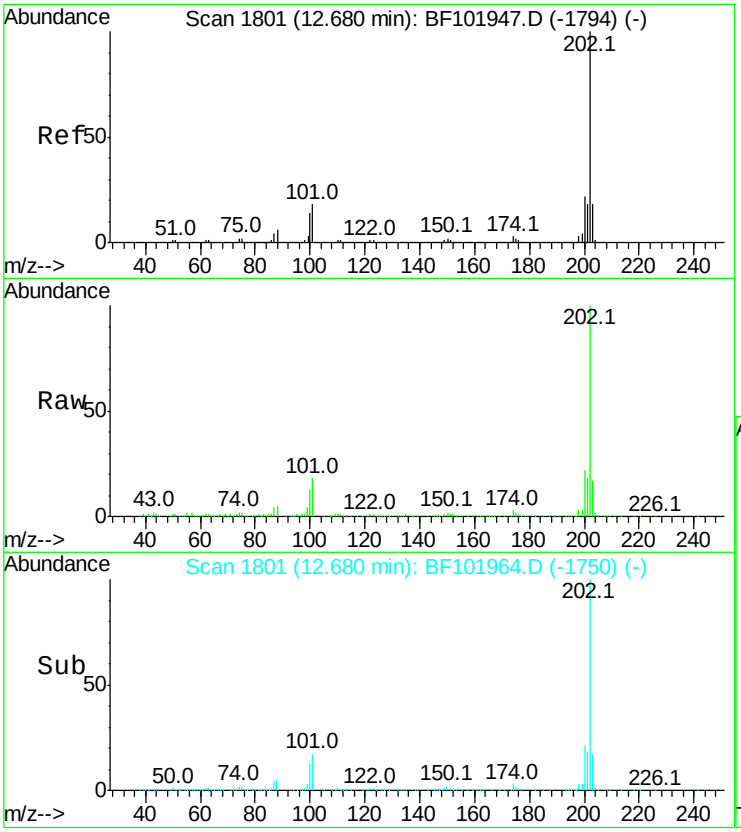


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:240 Resp: 460548

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.9	20.7	31.1



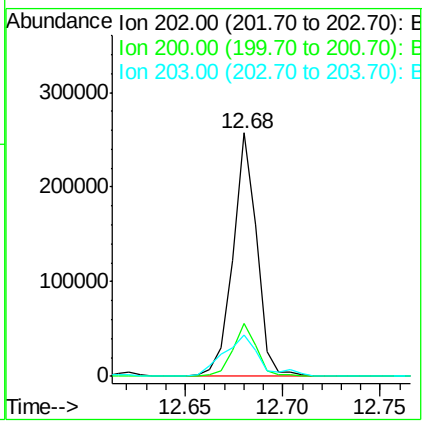


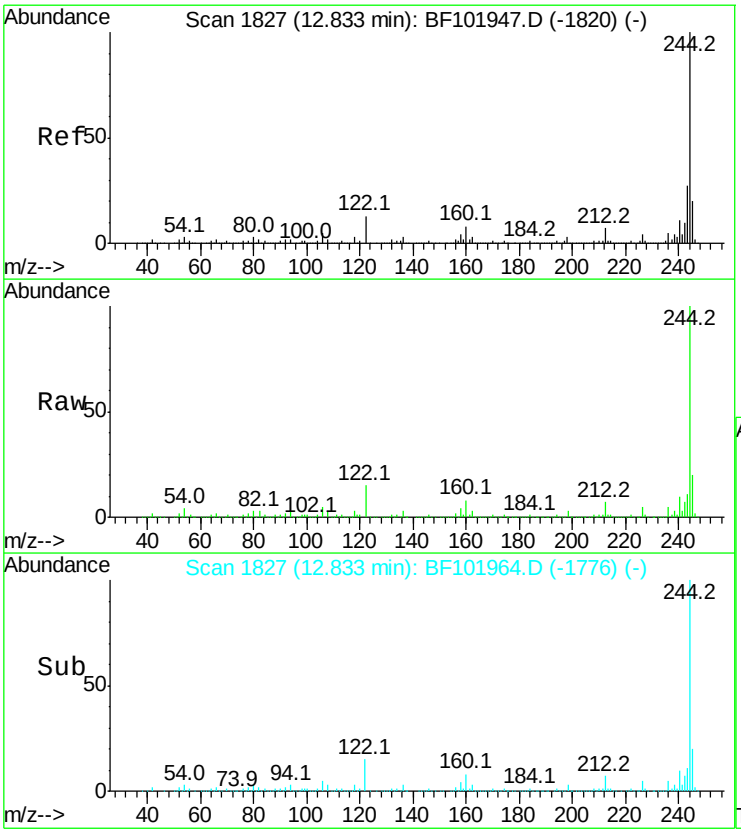
#77
Pyrene
Concen: 5.322 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:202 Resp: 216671

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.2	14.3	21.5

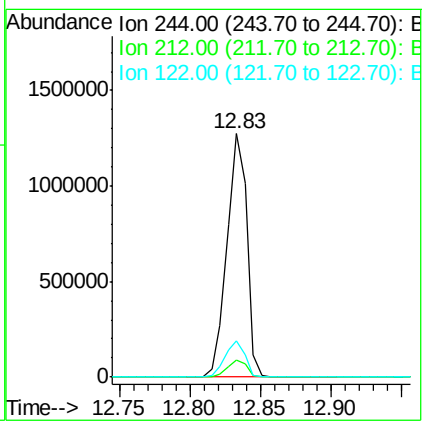


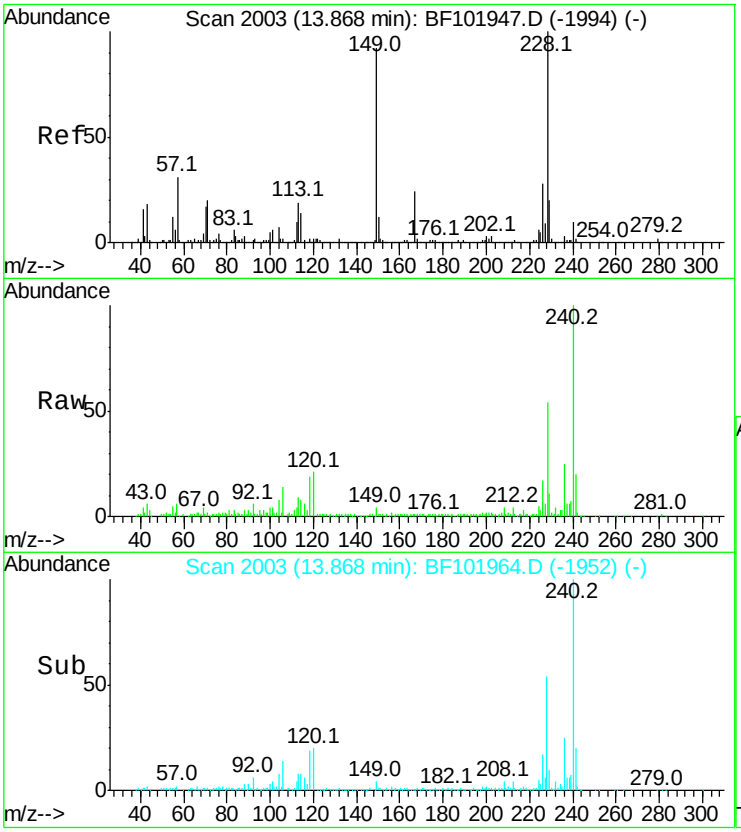


#78
Terphenyl-d14
Concen: 56.330 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:244 Resp: 1249499

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.9	11.0	16.4



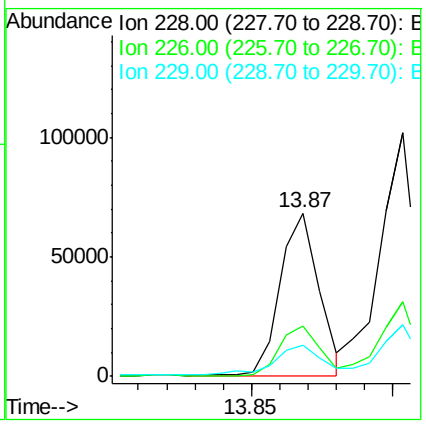


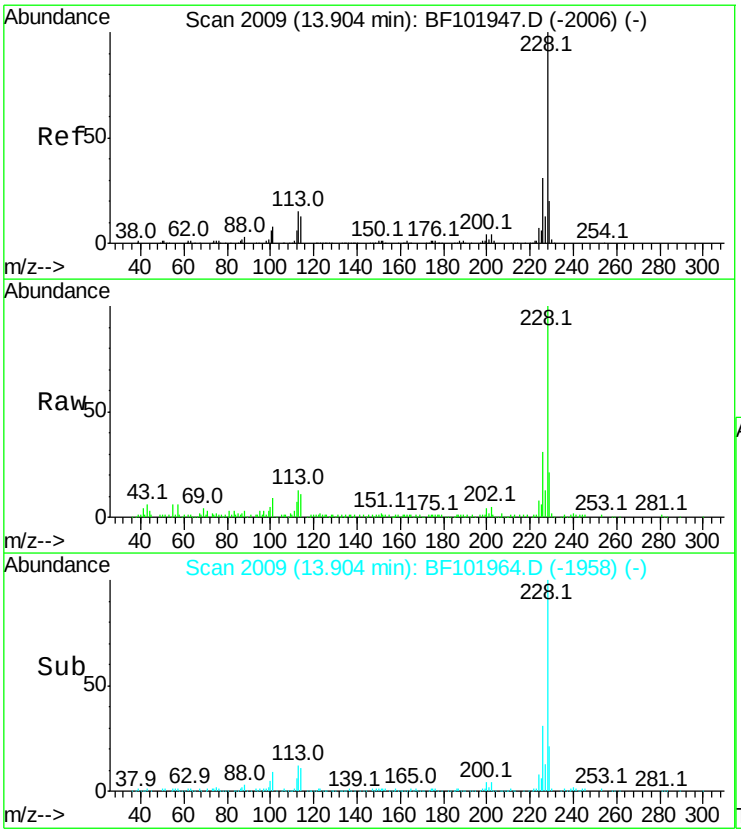
#80
Benzo(a)anthracene
Concen: 2.206 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:228 Resp: 64818

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	19.4	15.8	23.6

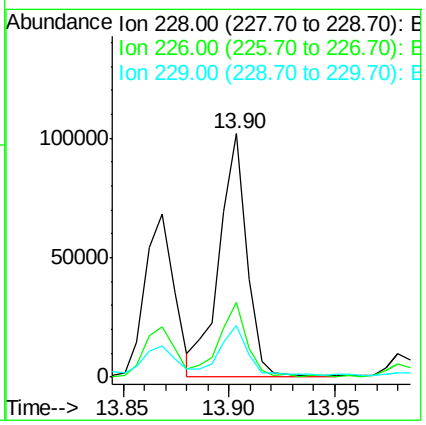


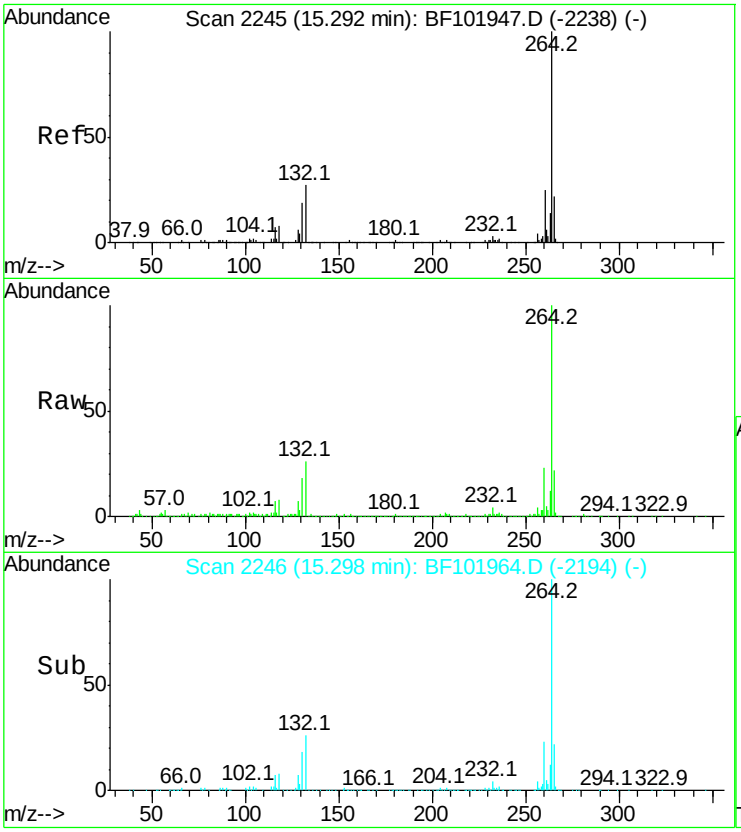


#82
Chrysene
Concen: 2.982 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Tgt Ion:228 Resp: 91366

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.3	16.2	24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101964.D
Acq: 9 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
SP-COMP-A

Tgt Ion:264 Resp: 325069

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3