Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100163.D
Acq On : 4 Nov 2017 5:21
Operator : SJ/JU
Sample : I6297-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 04 06:49:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	55090	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	237835	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	112414	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	140810	20.00	ng	0.01
75) Chrysene-d12	13.93	240	798	20.00	ng	-0.02
86) Perylene-d12	15.35	264	984	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	55325	15.77	ng	0.02
7) Phenol-d6	6.44	99	74190	17.83	ng	0.01
23) Nitrobenzene-d5	7.35	82	45097	12.21	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	13932	13.60	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	112839	15.49	ng	0.00
78) Terphenyl-d14	12.92	244	32871	900.19	ng	0.04
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	9.99	184	336	6.183	ng	# 33
70) Phenanthrene	11.33	178	18252	2.297	ng	# 45
73) Di-n-butylphthalate	11.86	149	69780	7.212	ng	# 79
76) Benzidine	12.61	184	5647	161.721	ng	# 1
77) Pyrene	12.73	202	1148	18.919	ng	# 1
79) Butylbenzylphthalate	13.35	149	5654	189.221	ng	# 1
80) Benzo(a)anthracene	13.91	228	319	6.306	ng	# 1
81) 3,3'-Dichlorobenzidine	13.85	252	1509	82.175	ng	# 1
82) Chrysene	13.96	228	567	11.922	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.90	149	2772	66.061	ng	# 35
84) Di-n-octyl phthalate	14.56	149	27418	380.696	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.83	276	769	17.613	ng	# 1
87) Benzo(b)fluoranthene	14.92	252	1234	19.860	ng	# 1
88) Benzo(k)fluoranthene	14.96	252	596	10.172	ng	# 1
89) Benzo(a)pyrene	15.31	252	166	2.974	ng	# 1
90) Dibenzo(a,h)anthracene	16.80	278	329	6.634	ng	# 1
91) Benzo(g,h,i)perylene	17.27	276	460	9.480	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100163.D
Acq On : 4 Nov 2017 5:21
Operator : SJ/JU
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Misc :
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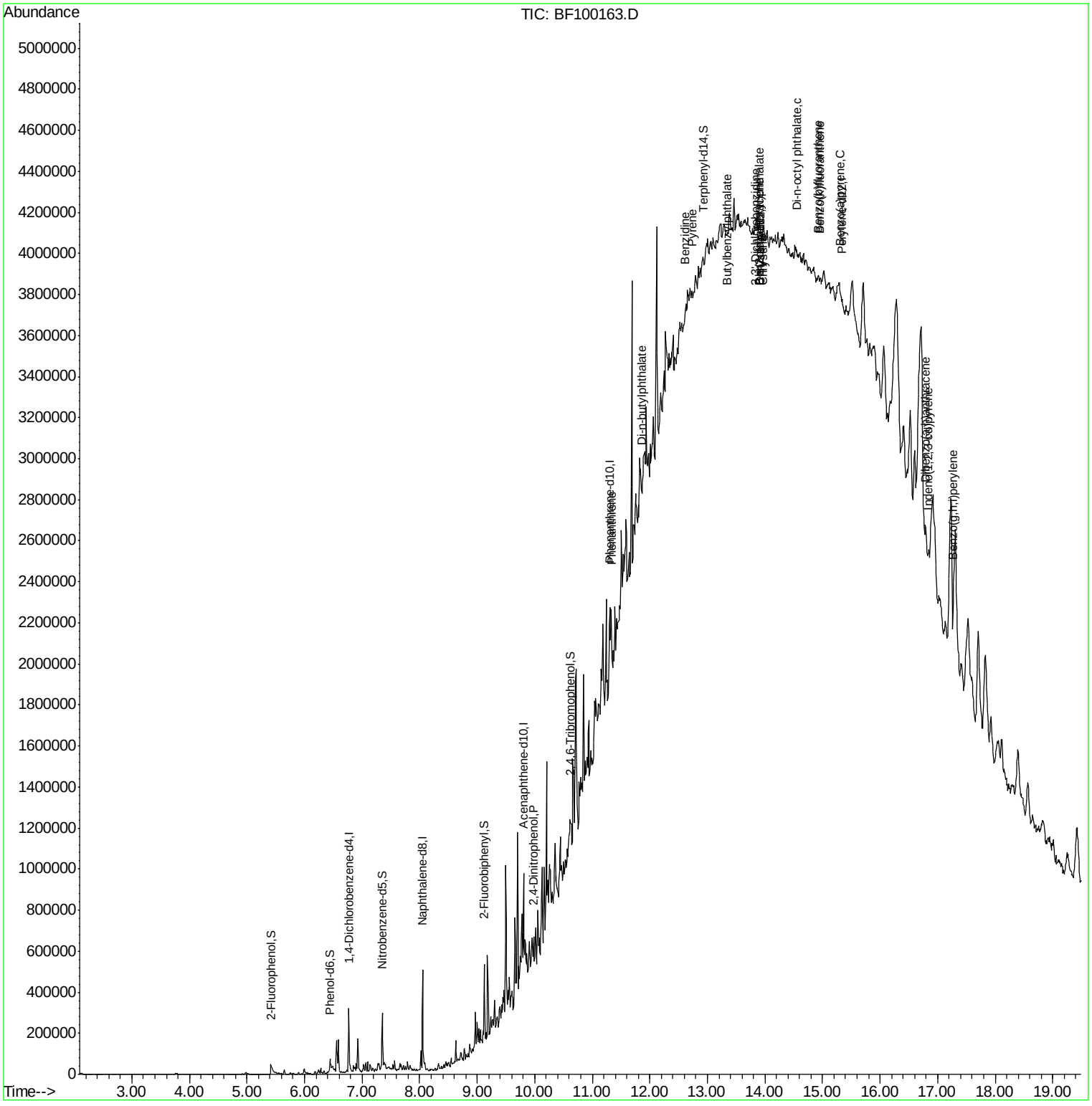
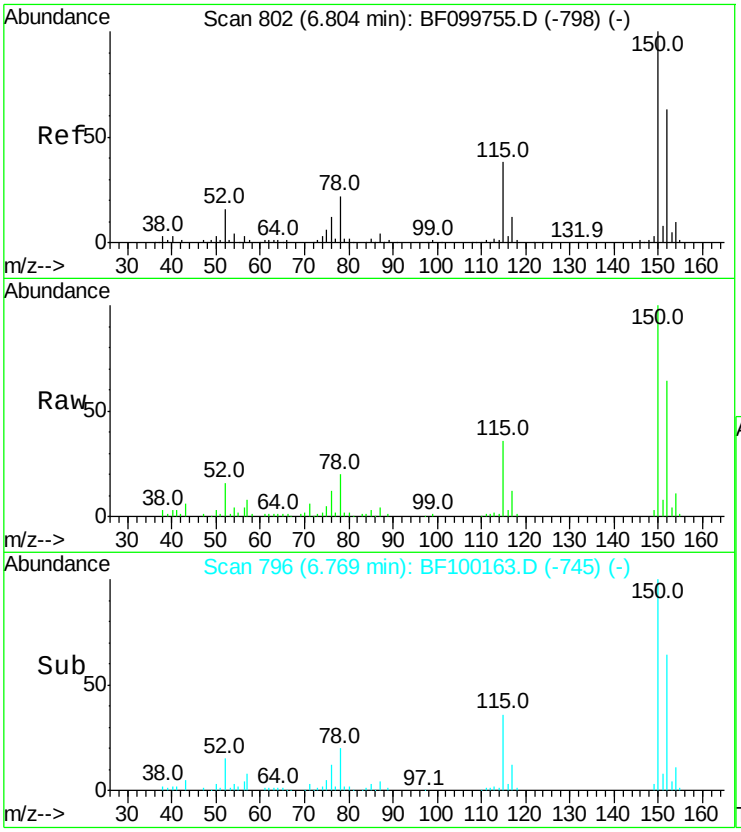


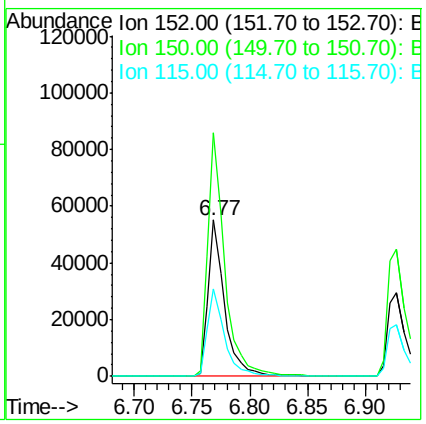


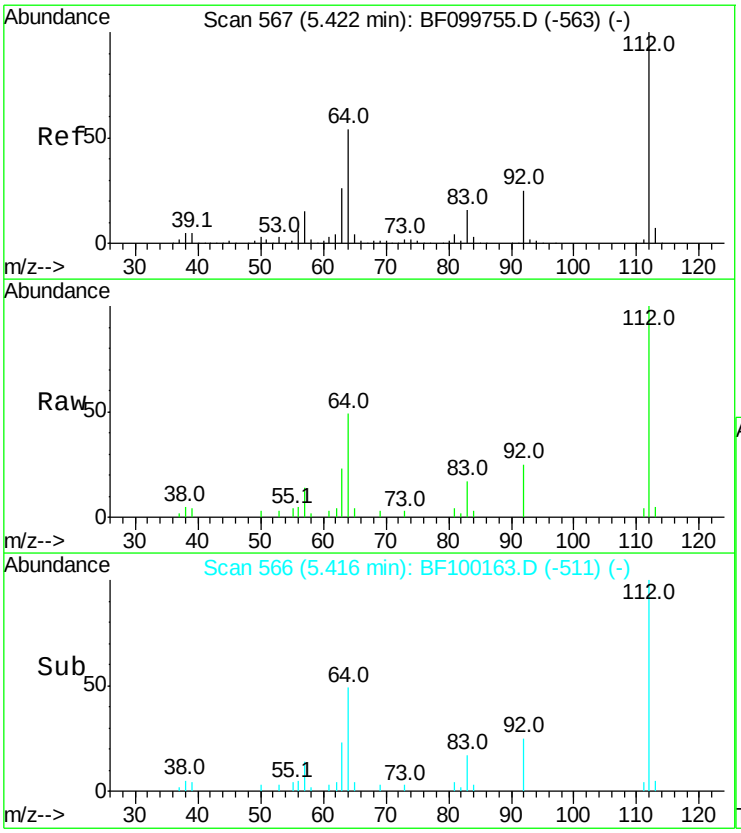
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 55090

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	56.3	50.1	75.1

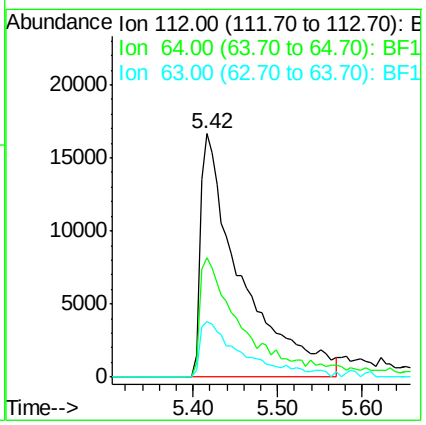


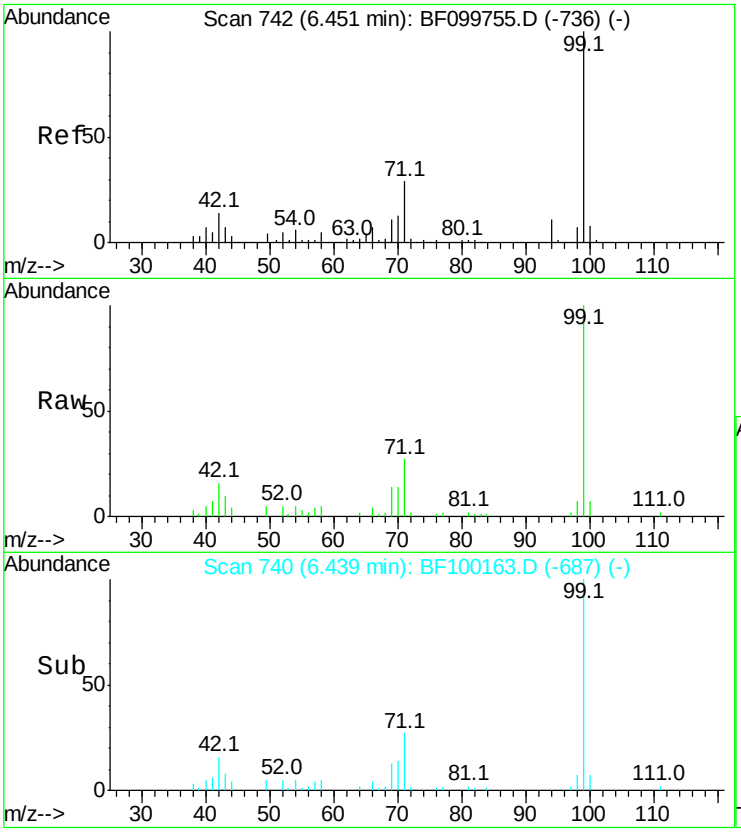


#5
2-Fluorophenol
Concen: 15.767 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:112 Resp: 55325

Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	22.6	23.7	35.5#



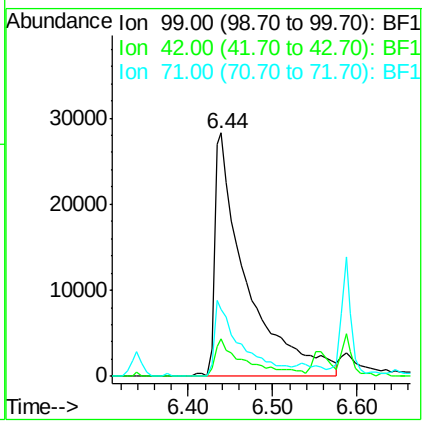


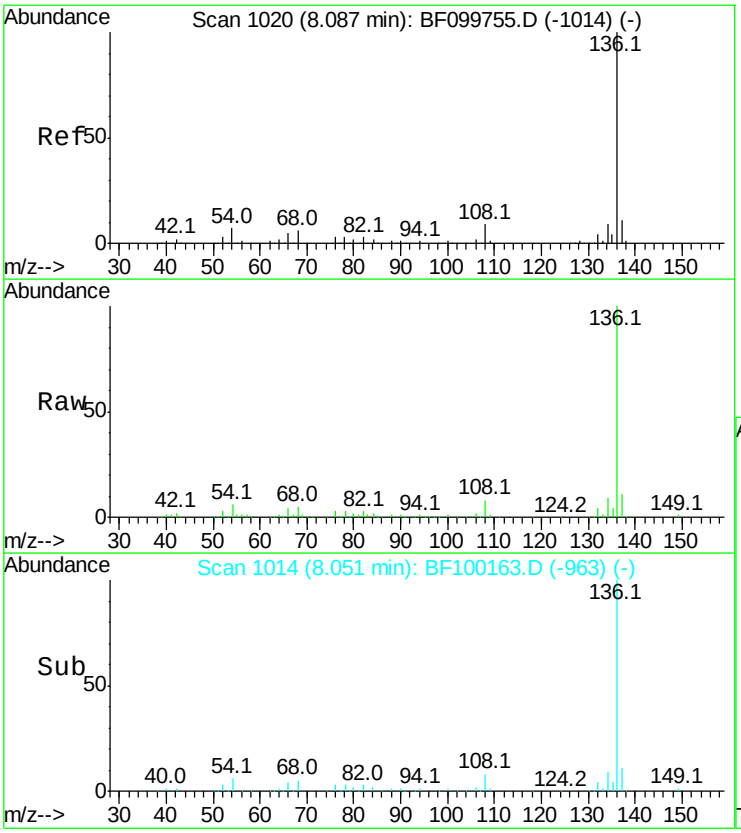
#7
Phenol-d6
Concen: 17.831 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 74190

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	27.5	25.4	38.0

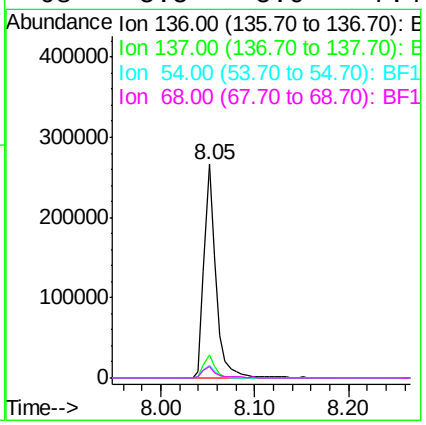


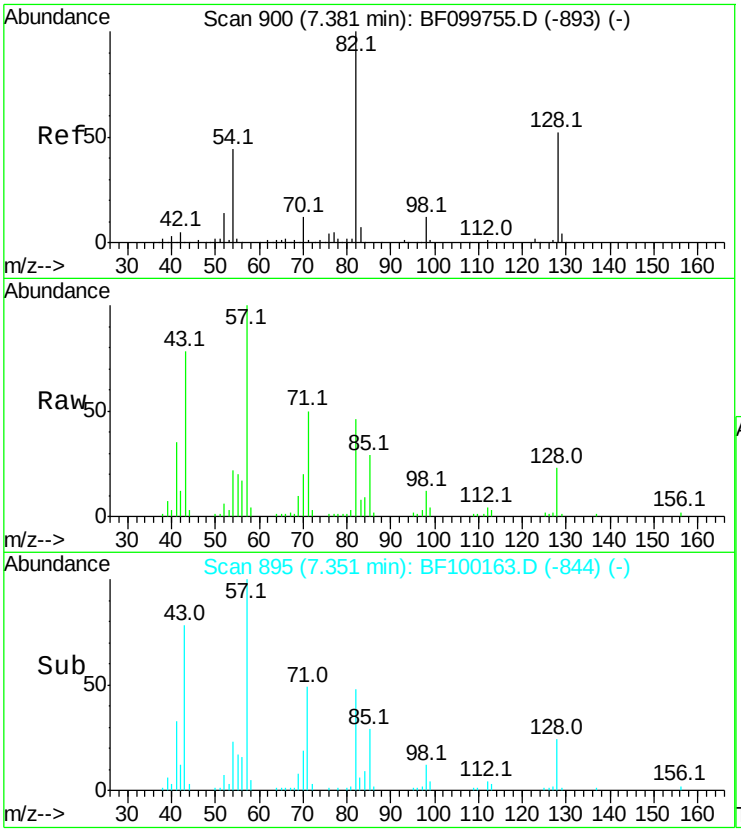


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:136 Resp: 237835

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4



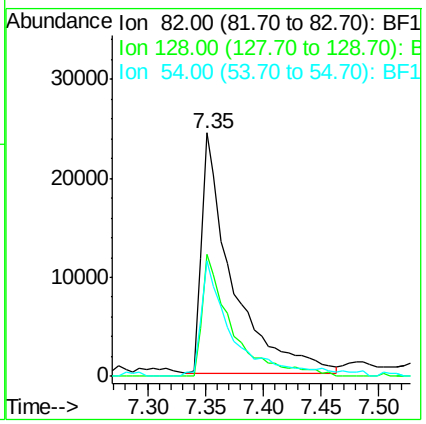


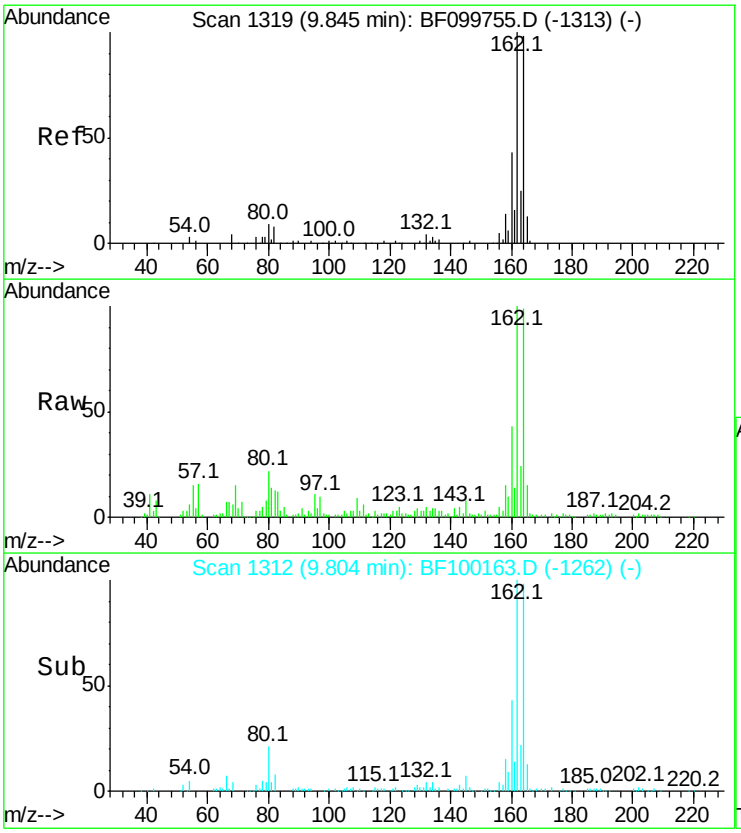
#23
Nitrobenzene-d5
Concen: 12.207 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 45097

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	47.5	41.4	62.2

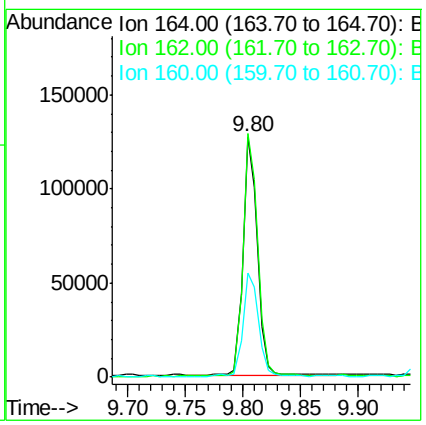


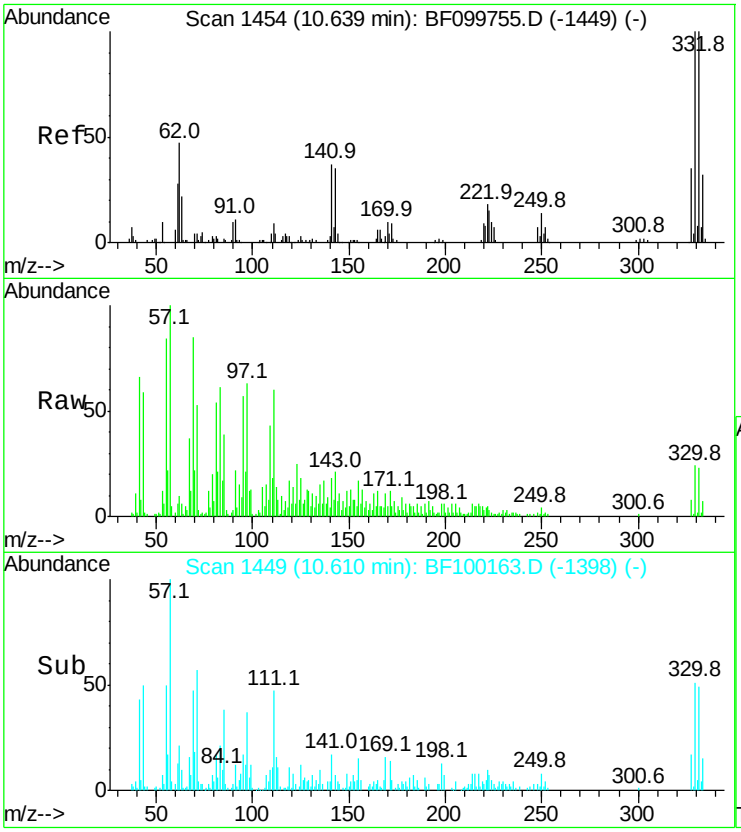


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:164 Resp: 112414

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	43.3	38.3	57.5



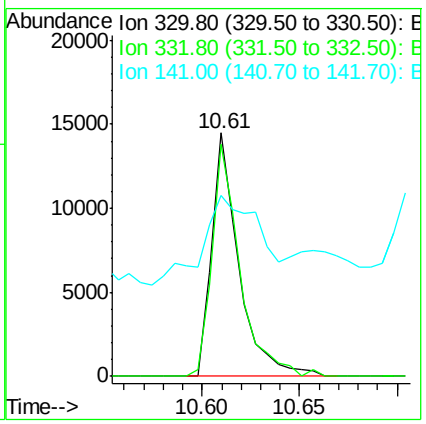


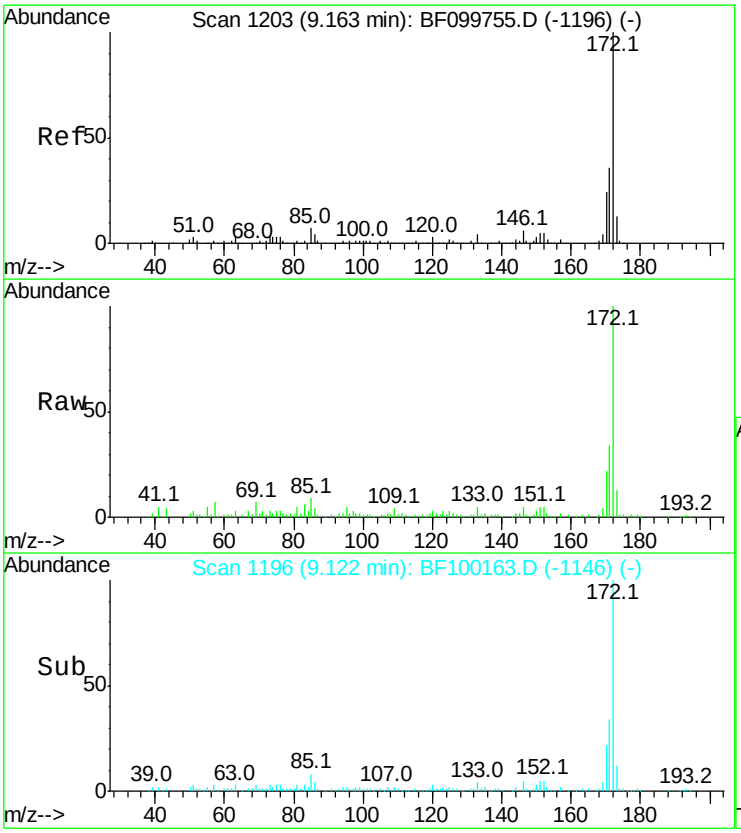
#41
2,4,6-Tribromophenol
Concen: 13.600 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13932

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	74.3	29.9	44.9#

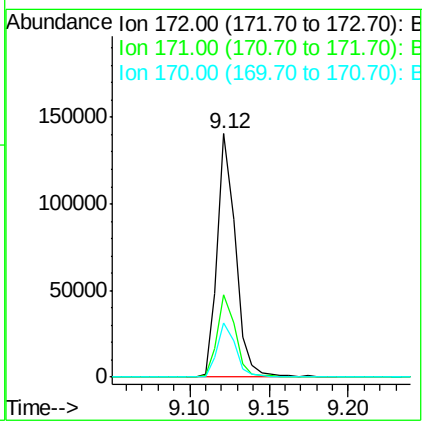


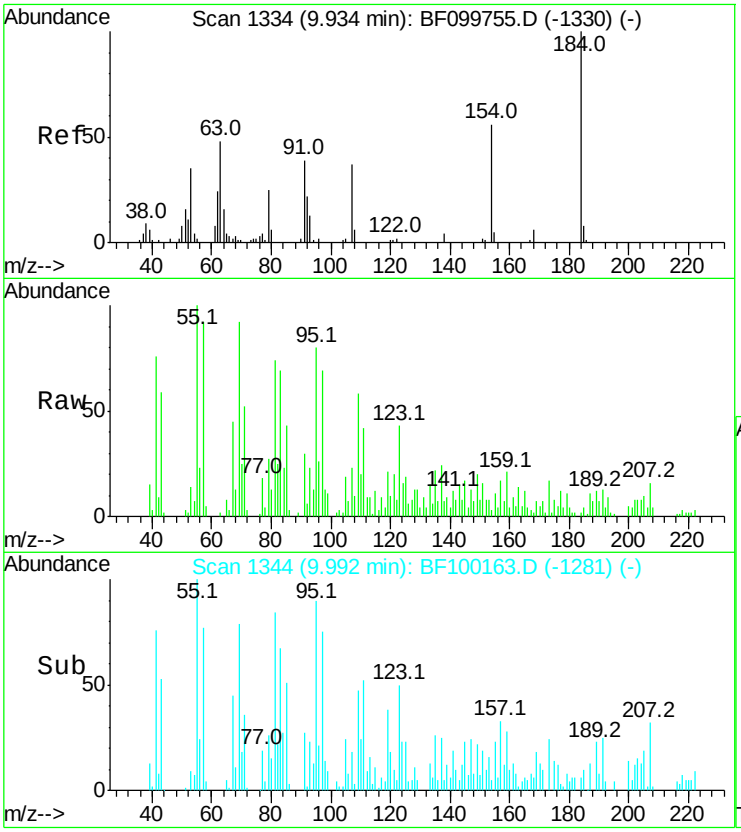


#44
2-Fluorobiphenyl
Concen: 15.487 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:172 Resp: 112839

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.3	19.6	29.4



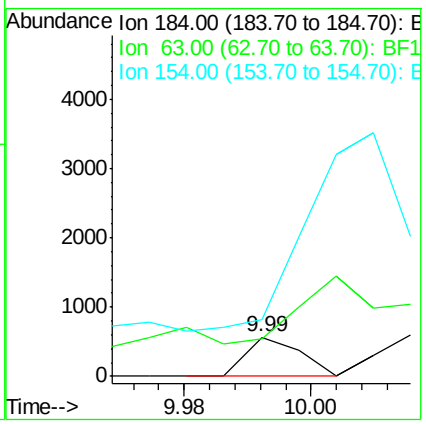


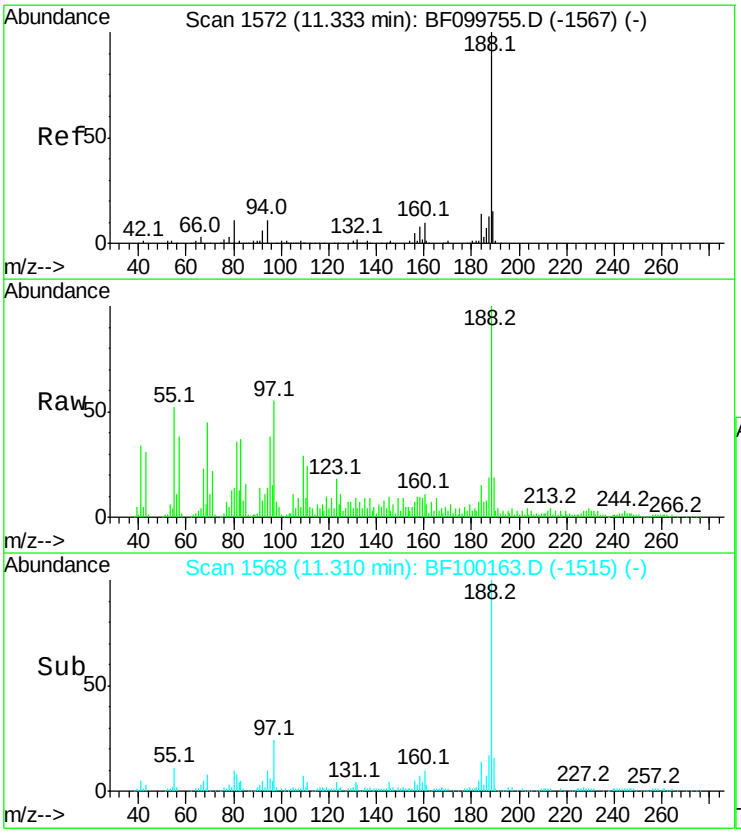
#53
2,4-Dinitrophenol
Concen: 6.183 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.07 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 336

Ion	Ratio	Lower	Upper
184	100		
63	96.3	54.2	81.2#
154	145.8	53.5	80.3#

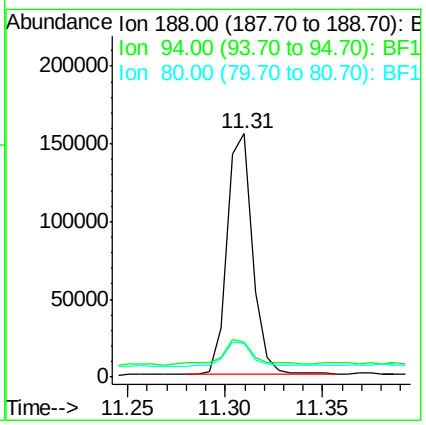


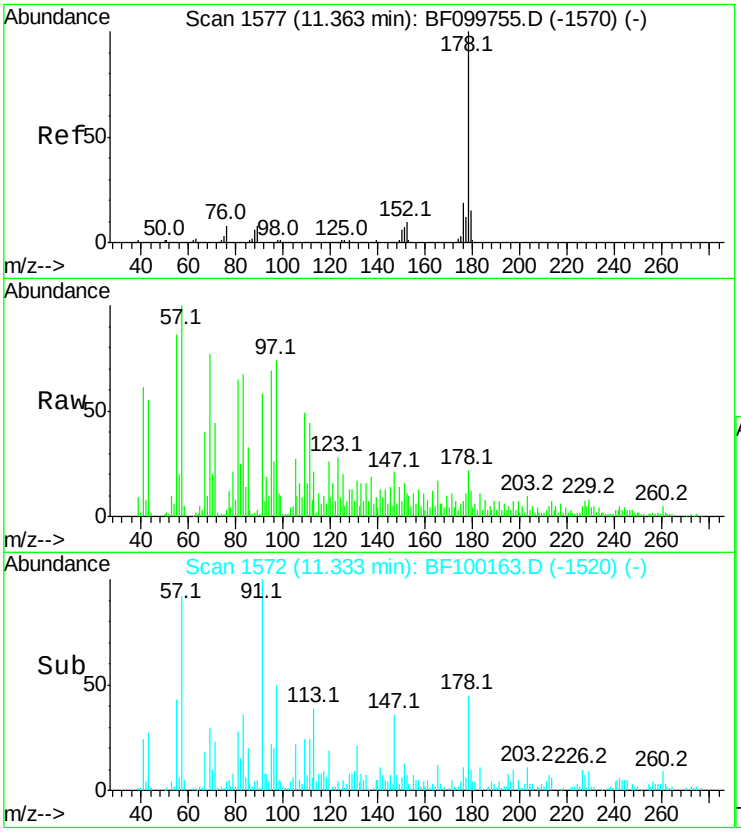


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:188 Resp: 140810

Ion	Ratio	Lower	Upper
188	100		
94	14.1	8.5	12.7#
80	13.7	9.2	13.8



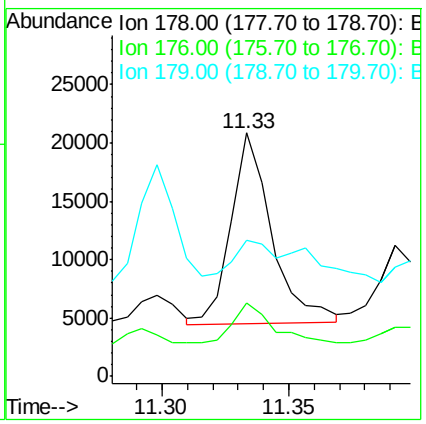


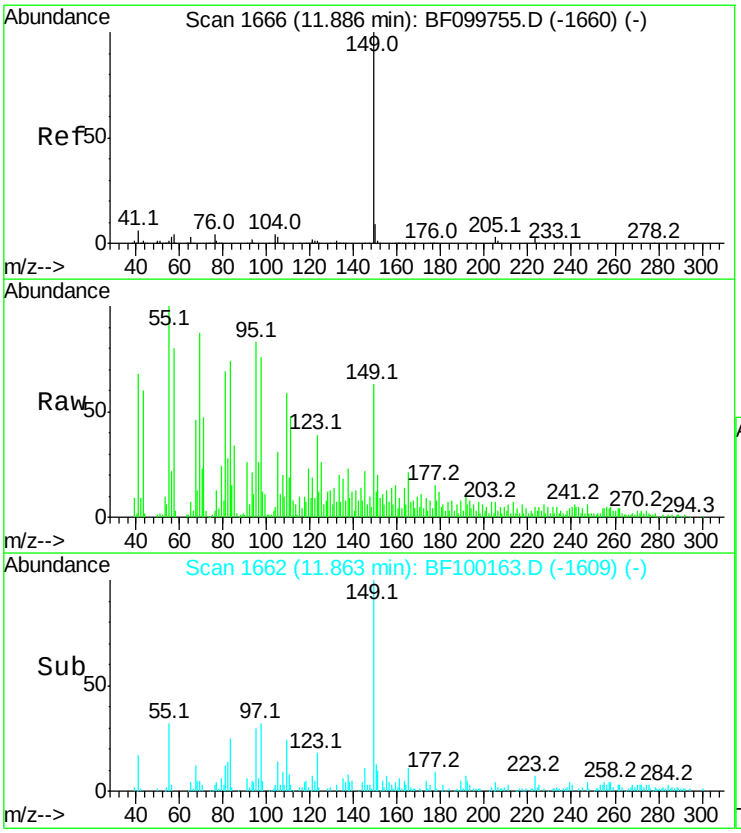
#70
Phenanthrene
Concen: 2.297 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 18252

Ion	Ratio	Lower	Upper
178	100		
176	30.3	15.8	23.8#
179	56.1	13.0	19.6#

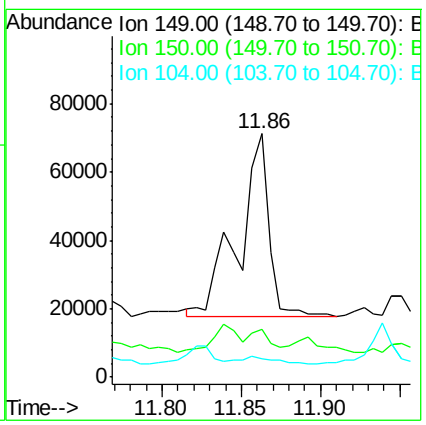


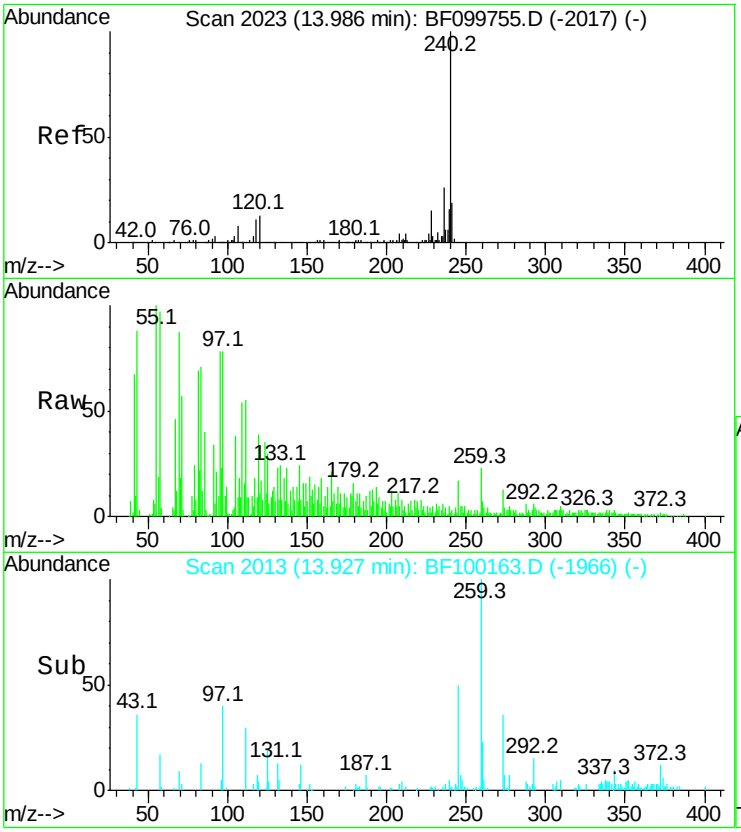


#73
Di-n-butylphthalate
Concen: 7.212 ng
RT: 11.86 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:149 Resp: 69780

Ion	Ratio	Lower	Upper
149	100		
150	19.7	7.8	11.6#
104	7.3	3.8	5.8#



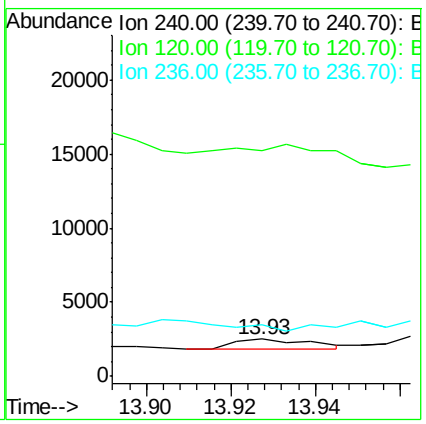


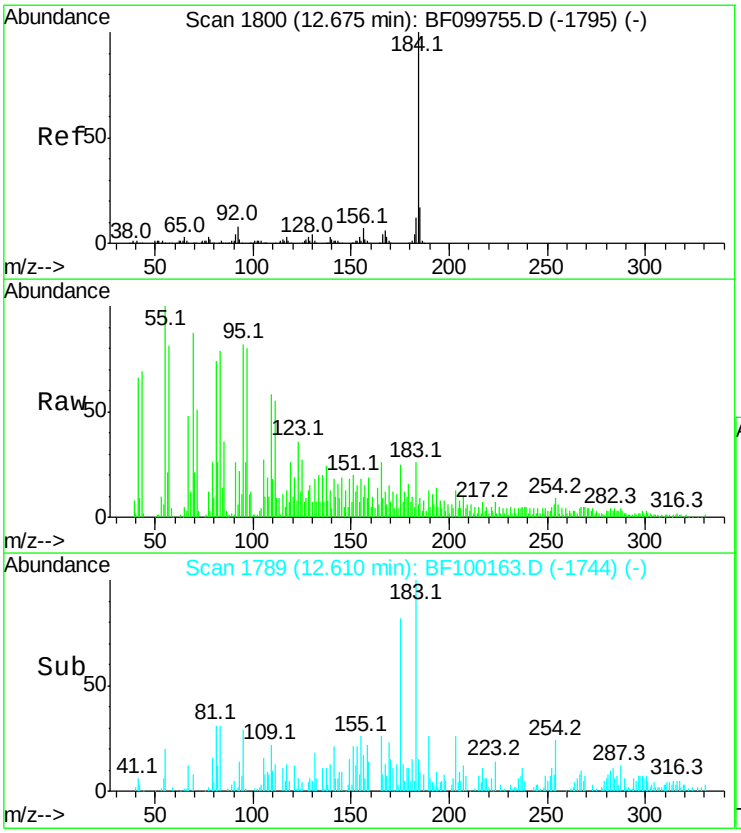
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 798

Ion	Ratio	Lower	Upper
240	100		
120	609.5	9.5	14.3#
236	138.7	20.7	31.1#

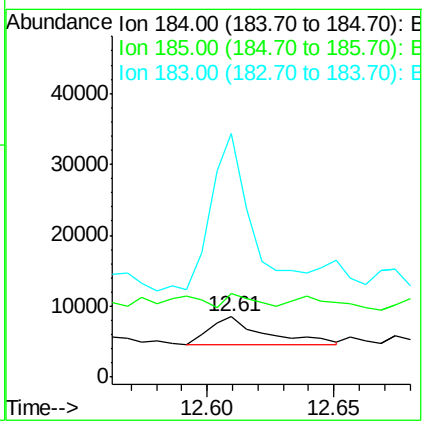


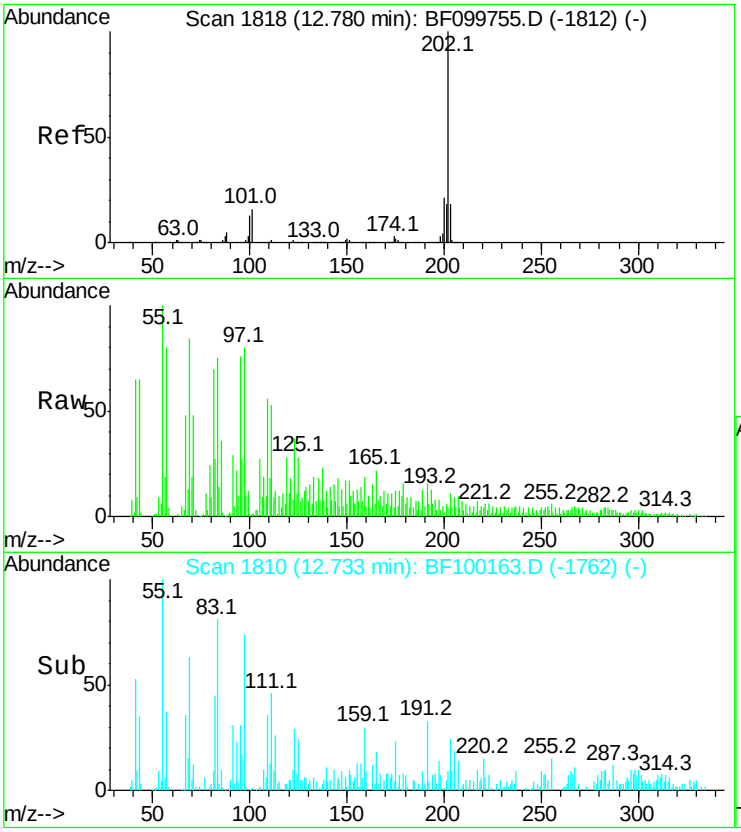


#76
Benzidine
Concen: 161.721 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:184 Resp: 5647

Ion	Ratio	Lower	Upper
184	100		
185	137.9	12.6	18.8#
183	402.8	9.3	13.9#



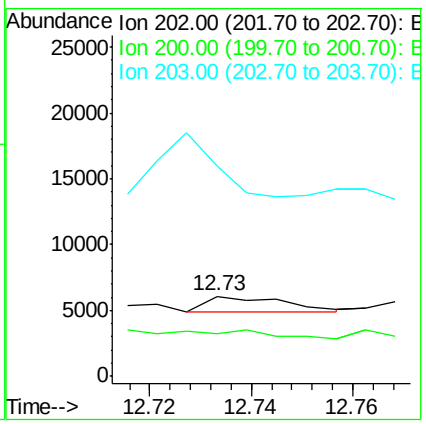


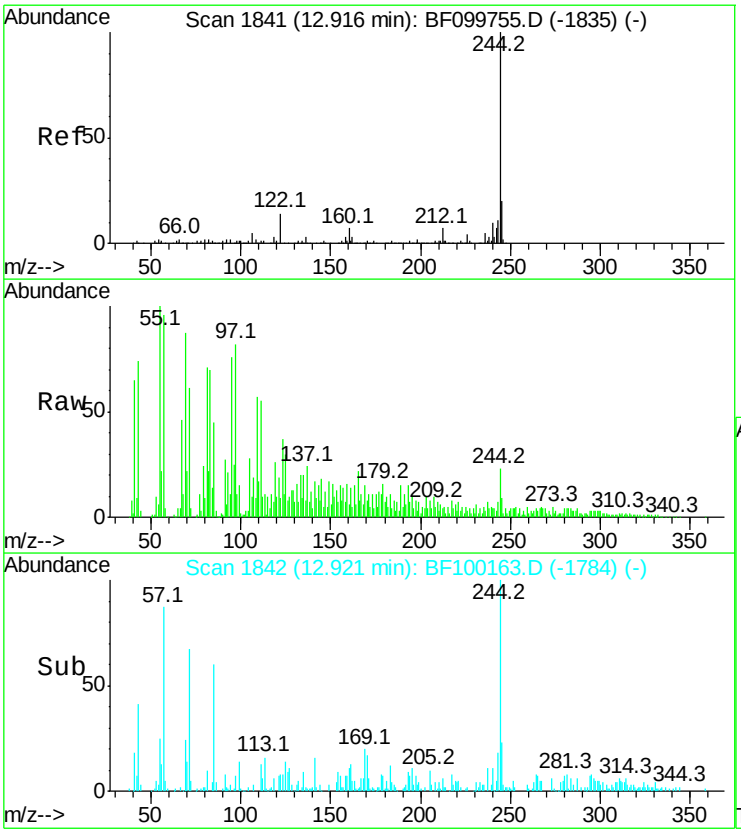
#77
Pyrene
Concen: 18.919 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1148

Ion	Ratio	Lower	Upper
202	100		
200	53.3	17.4	26.2#
203	261.3	14.3	21.5#

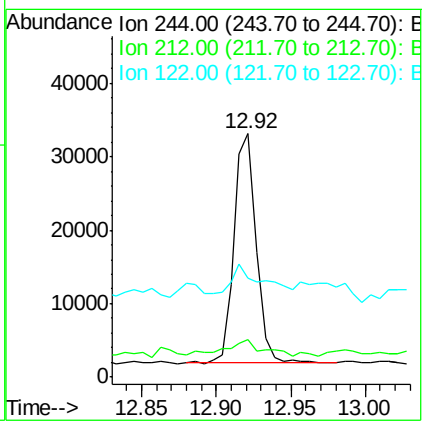


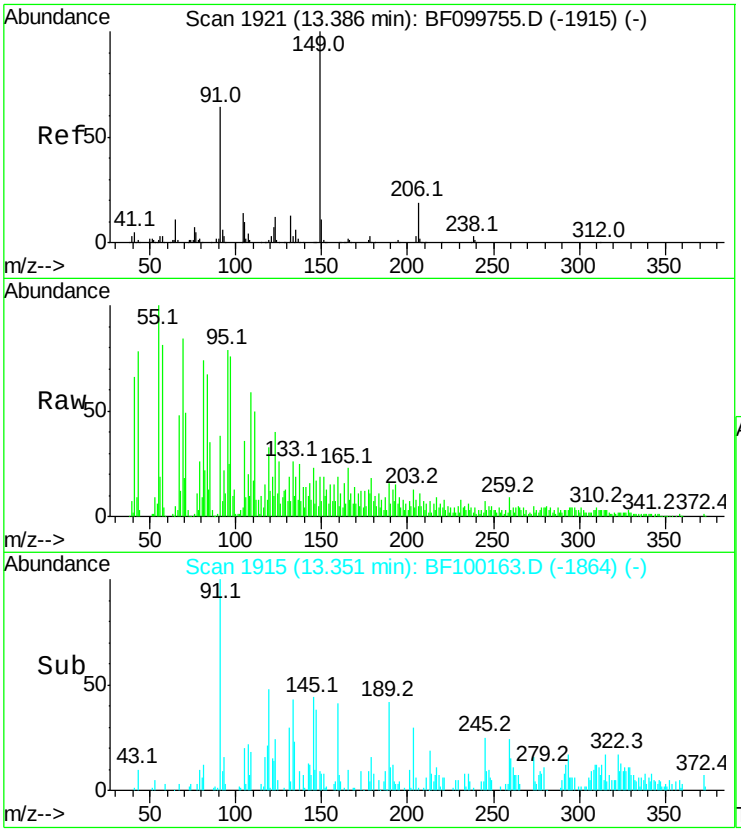


#78
Terphenyl-d14
Concen: 900.192 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.04 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:244 Resp: 32871

Ion	Ratio	Lower	Upper
244	100		
212	15.5	5.4	8.0#
122	40.8	11.0	16.4#



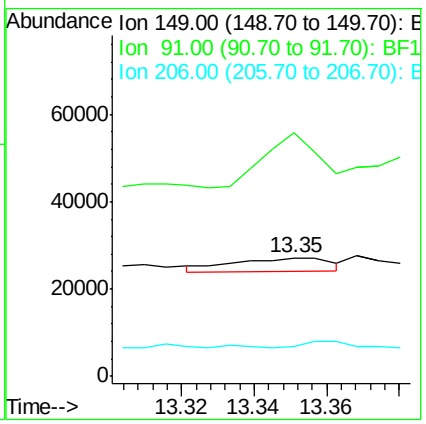


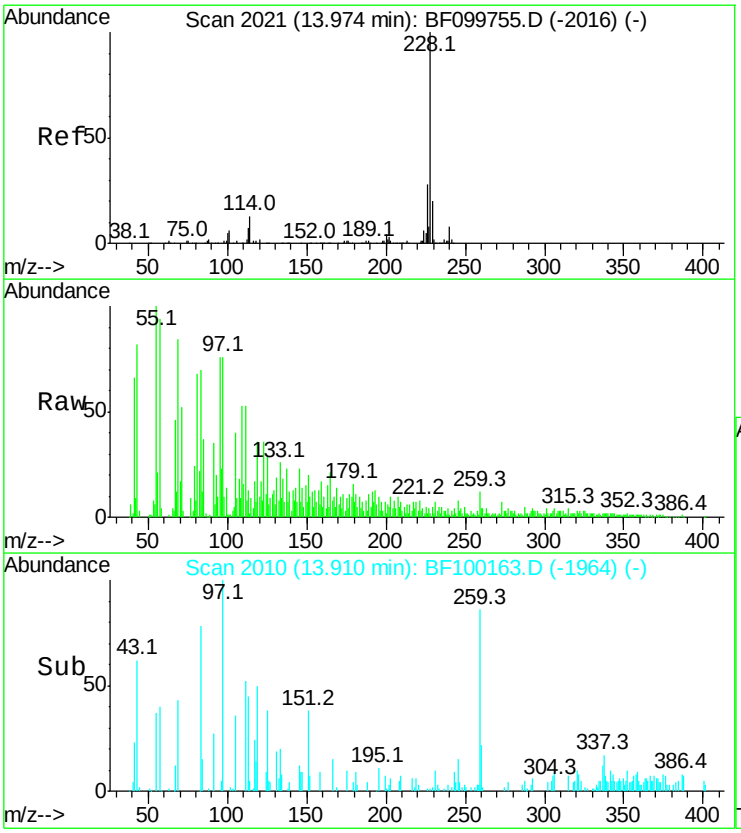
#79
Butylbenzylphthalate
Concen: 189.221 ng
RT: 13.35 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5654

Ion	Ratio	Lower	Upper
149	100		
91	204.9	56.8	85.2#
206	25.0	14.1	21.1#

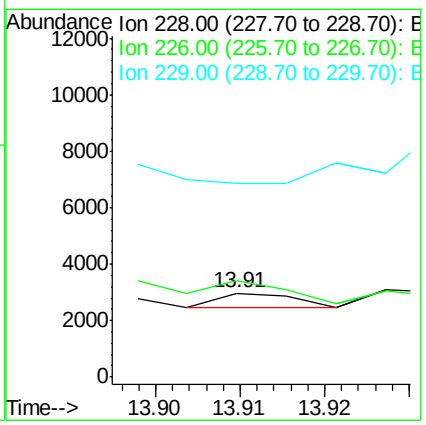


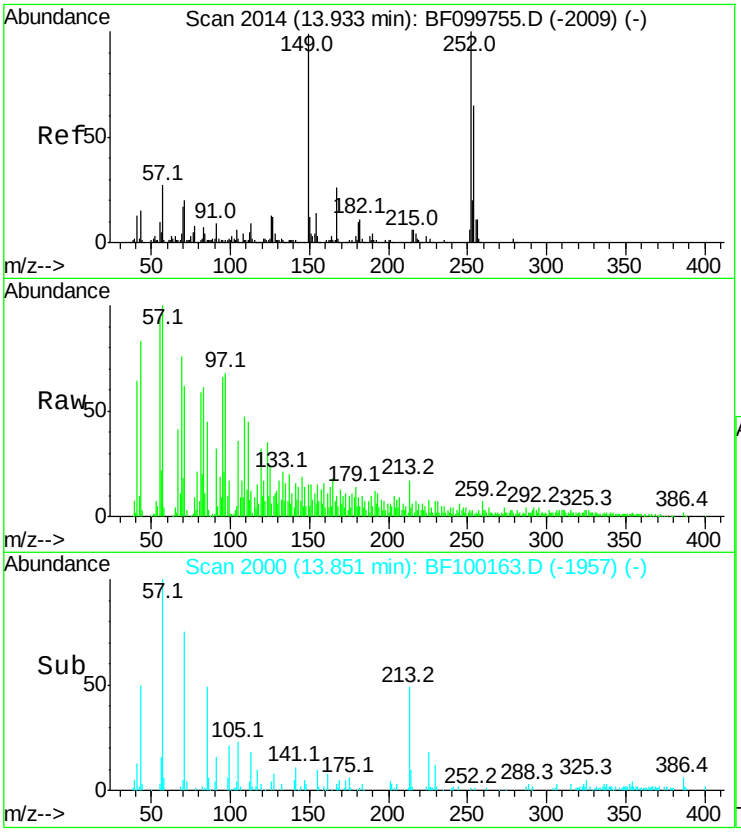


#80
Benzo(a)anthracene
Concen: 6.306 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.03 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:228 Resp: 319

Ion	Ratio	Lower	Upper
228	100		
226	114.4	22.6	33.8#
229	230.5	15.8	23.6#



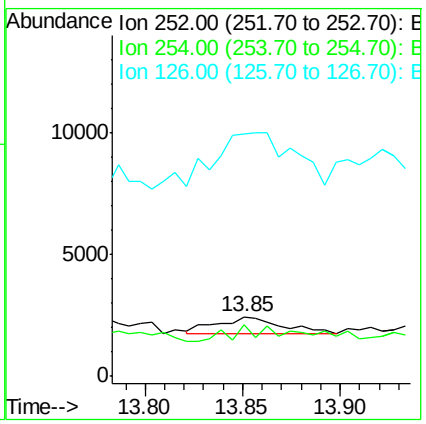


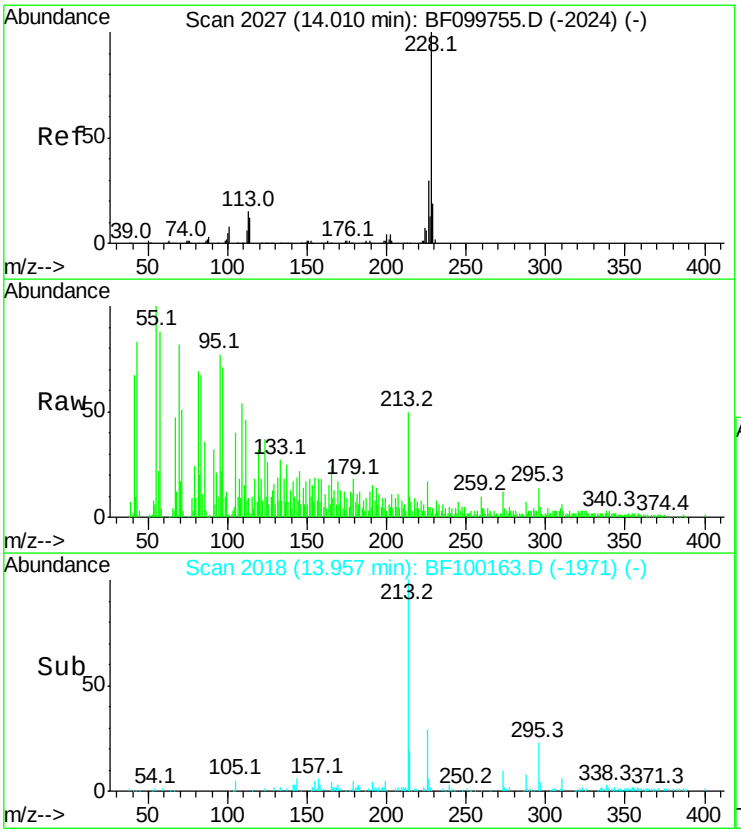
#81
3,3'-Dichlorobenzidine
Concen: 82.175 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.05 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1509

Ion	Ratio	Lower	Upper
252	100		
254	86.8	50.4	75.6#
126	407.5	11.3	16.9#

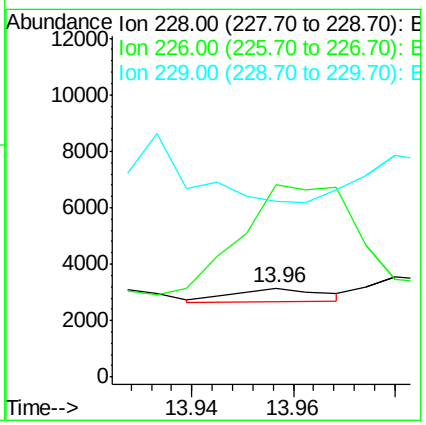


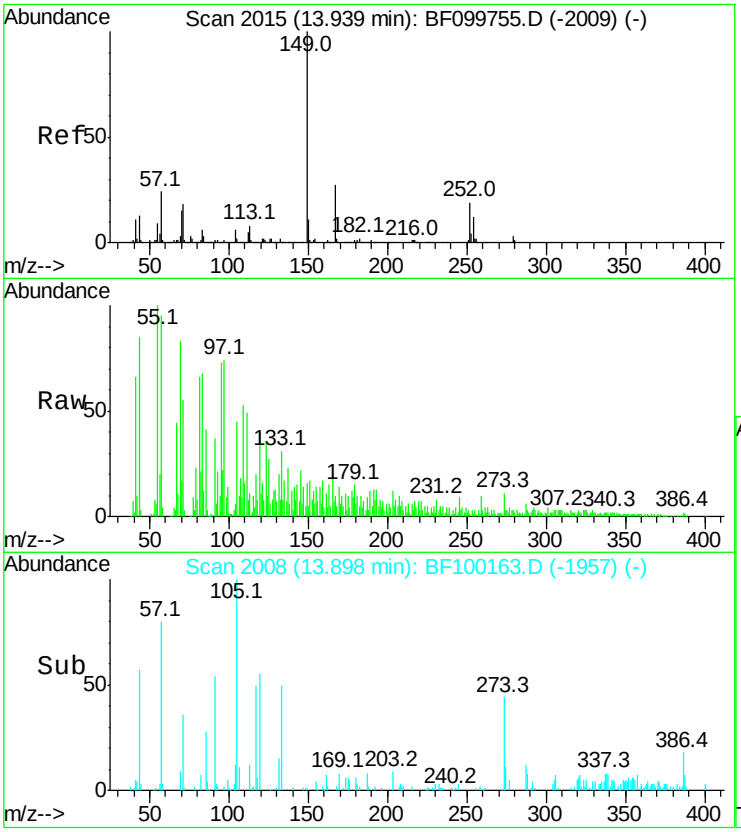


#82
Chrysene
Concen: 11.922 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:228 Resp: 567

Ion	Ratio	Lower	Upper
228	100		
226	216.0	25.0	37.6#
229	198.3	16.2	24.4#



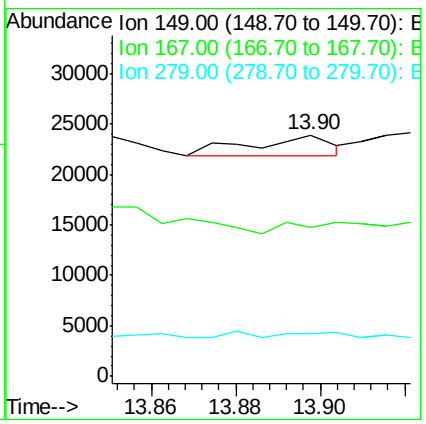


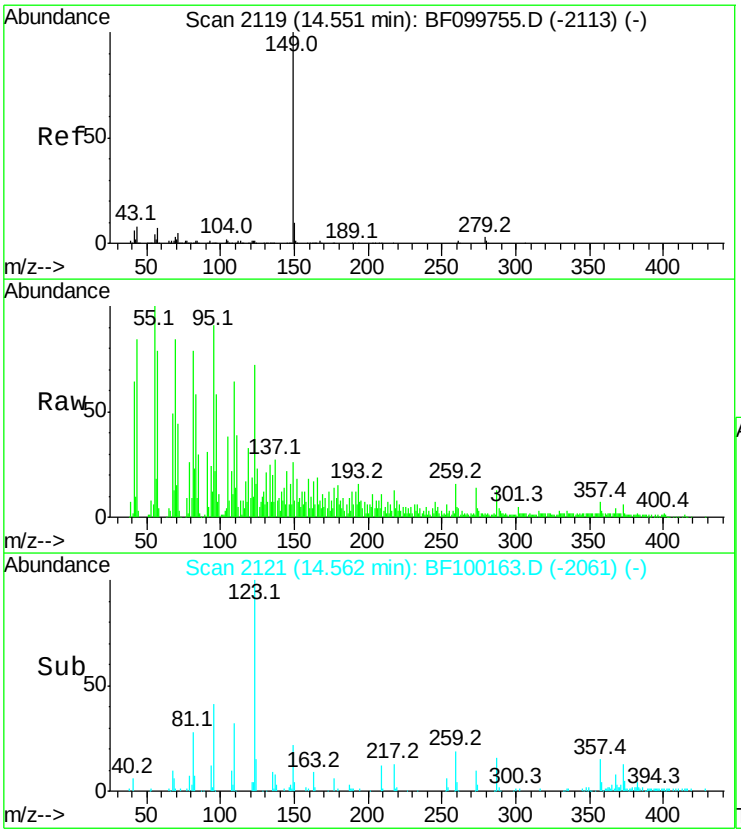
#83
Bis(2-ethylhexyl)phthalate
Concen: 66.061 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2772

Ion	Ratio	Lower	Upper
149	100		
167	61.9	21.3	31.9#
279	17.5	3.0	4.4#

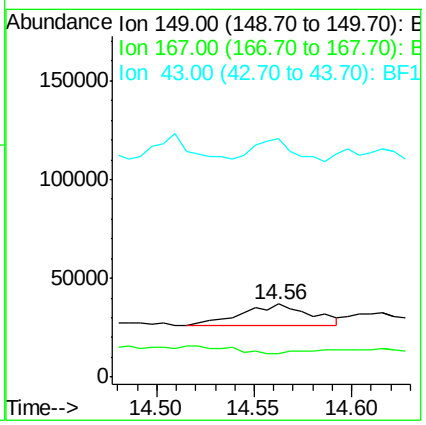


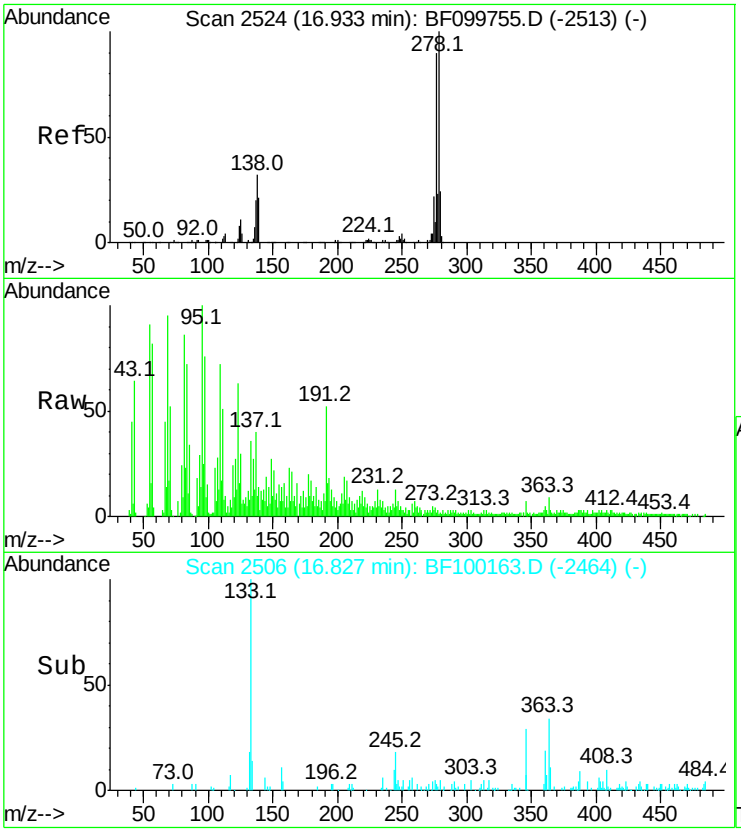


#84
Di-n-octyl phthalate
Concen: 380.696 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.05 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:149 Resp: 27418

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	57.0	8.4	12.6#



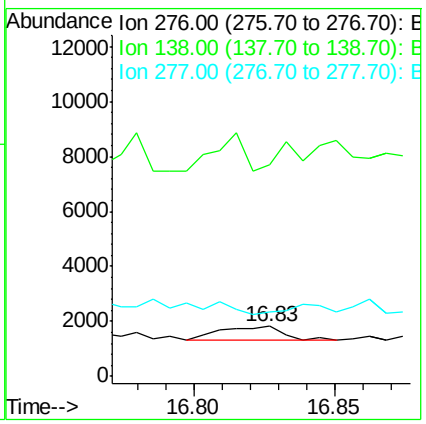


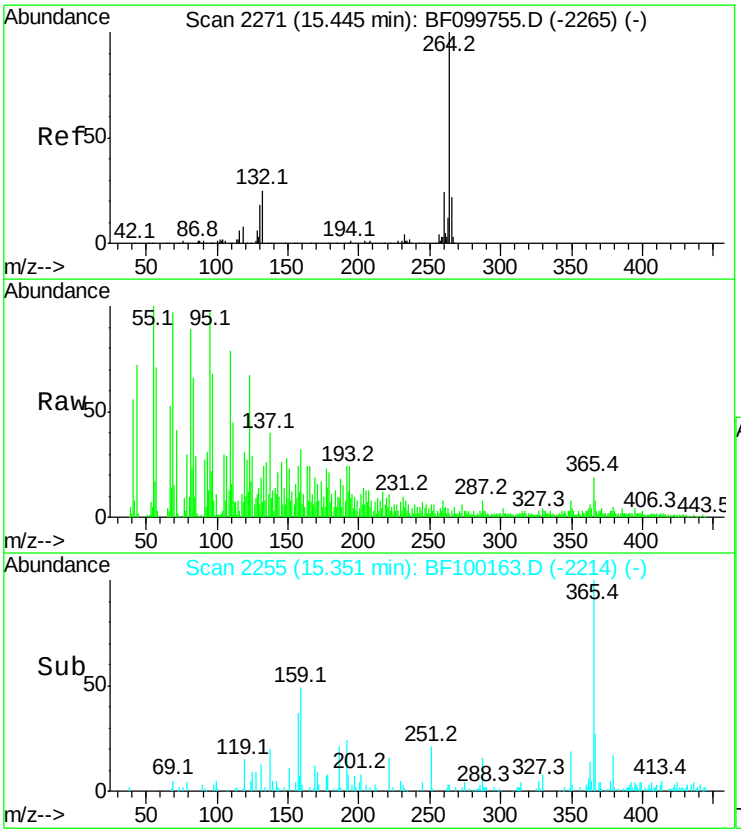
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.613 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.05 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 769

Ion	Ratio	Lower	Upper
276	100		
138	136.2	25.0	37.6#
277	0.0	20.1	30.1#

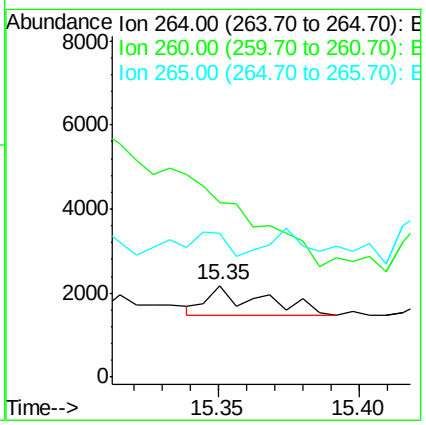


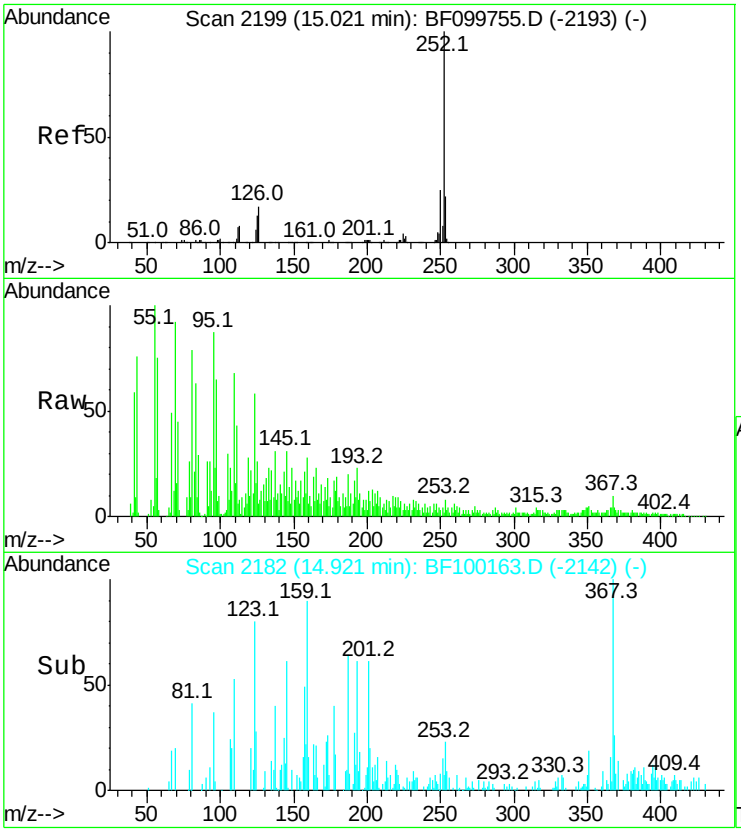


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:264 Resp: 984

Ion	Ratio	Lower	Upper
264	100		
260	190.2	19.2	28.8#
265	157.0	17.5	26.3#



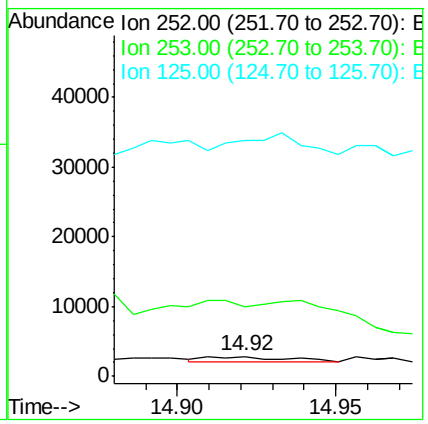


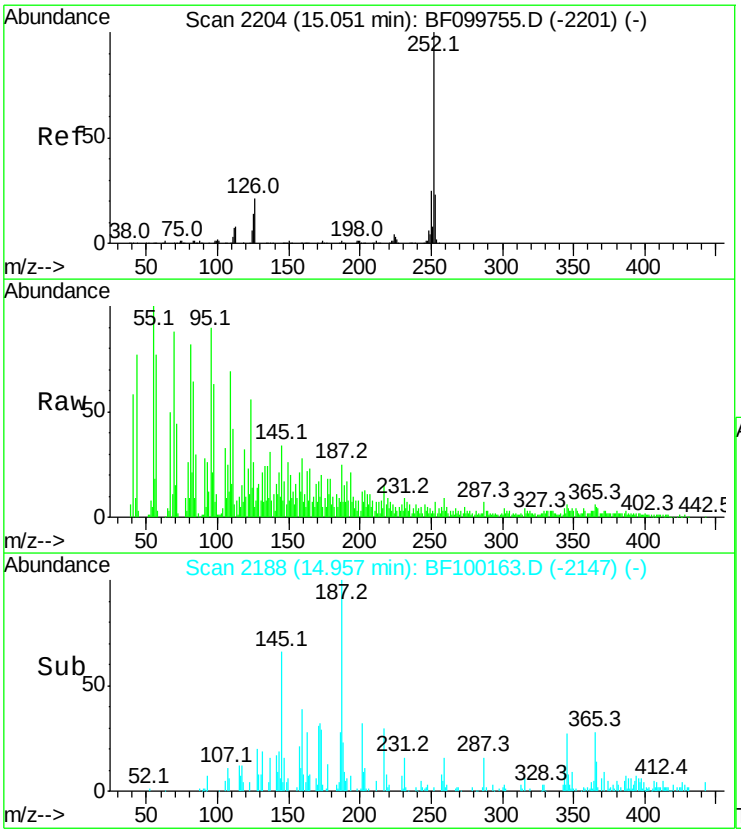
#87
Benzo(b)fluoranthene
Concen: 19.860 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.06 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1234

Ion	Ratio	Lower	Upper
252	100		
253	347.5	17.0	25.6#
125	1181.6	9.0	13.6#

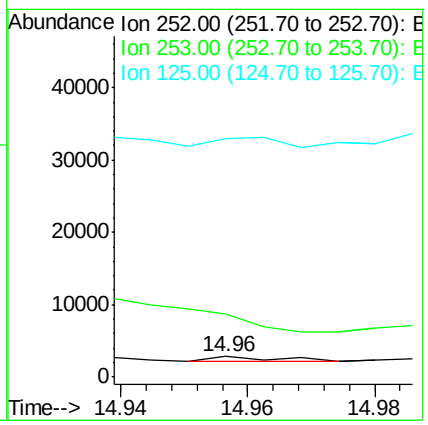


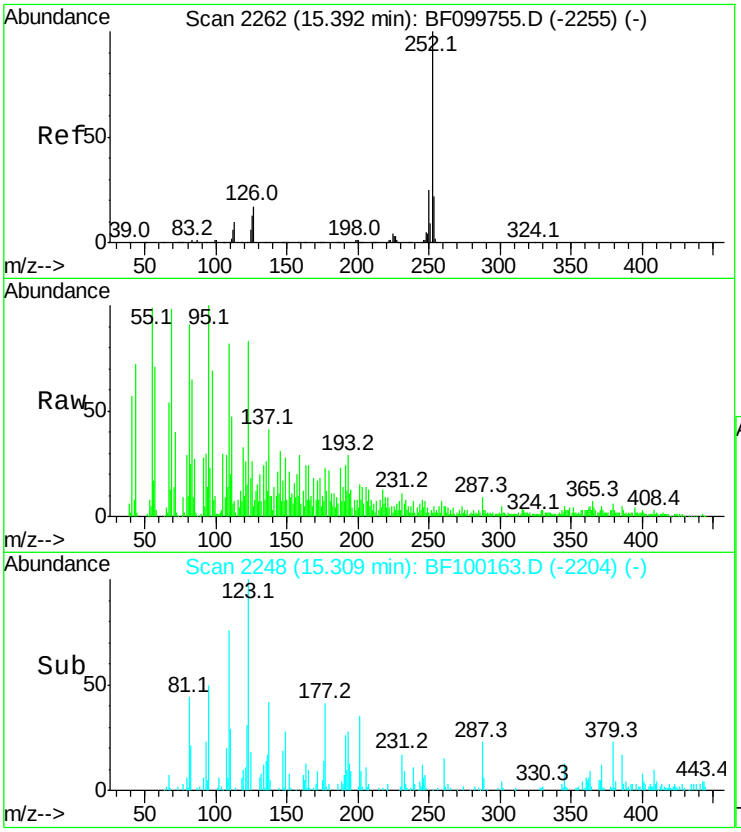


#88
Benzo(k)fluoranthene
Concen: 10.172 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.06 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:252 Resp: 596

Ion	Ratio	Lower	Upper
252	100		
253	303.1	17.9	26.9#
125	1154.0	10.2	15.2#



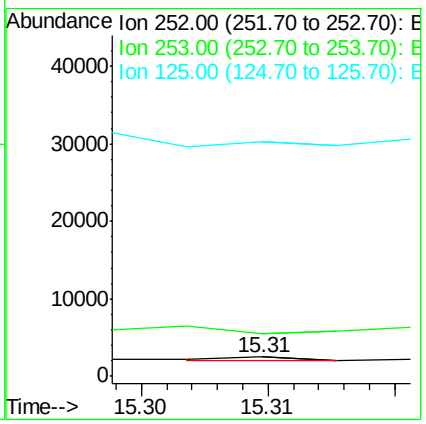


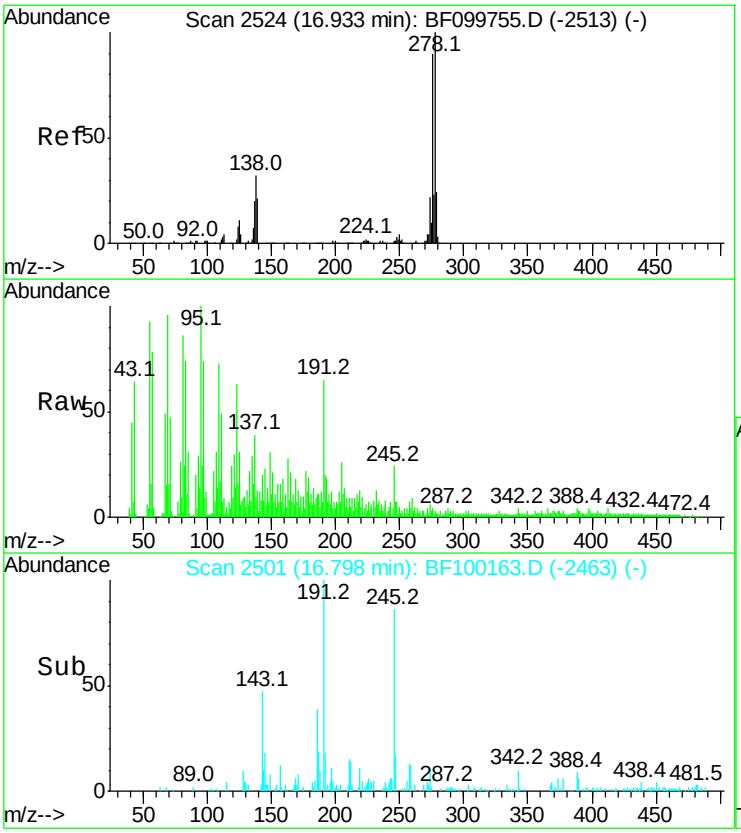
#89
Benzo(a)pyrene
Concen: 2.974 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.04 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 166

Ion	Ratio	Lower	Upper
252	100		
253	217.7	17.1	25.7#
125	1198.3	9.8	14.6#

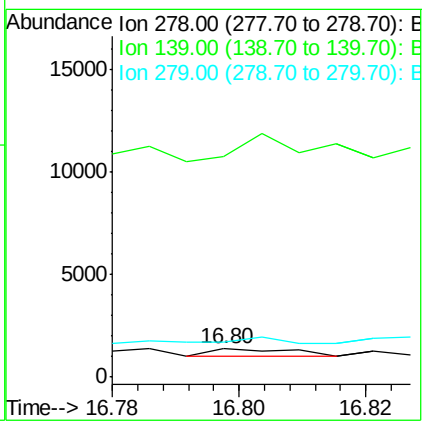


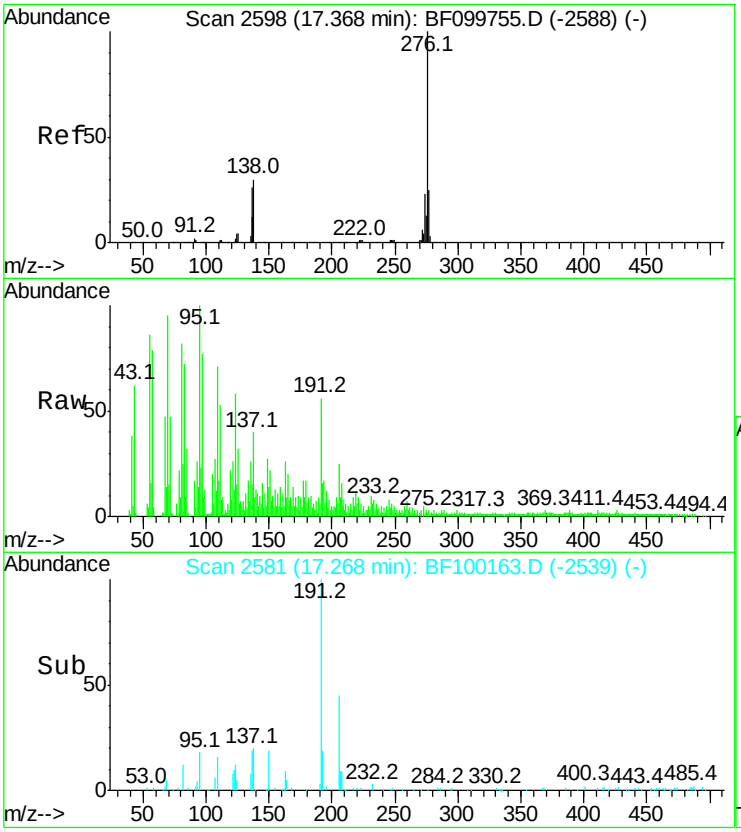


#90
Dibenzo(a,h)anthracene
Concen: 6.634 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.08 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Tgt Ion:278 Resp: 329

Ion	Ratio	Lower	Upper
278	100		
139	784.8	15.9	23.9#
279	126.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.480 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.05 min
Lab File: BF100163.D
Acq: 4 Nov 2017 5:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 460

Ion	Ratio	Lower	Upper
276	100		
277	140.8	17.9	26.9#
138	505.9	21.8	32.8#