Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106319.D
Acq On : 12 Jun 2018 2:15
Operator : JU/SJ
Sample : J3214-03RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-CON-2RX

Quant Time: Jun 12 05:17:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	365315	20.00	ng		0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng		-8.25
38) Acenaphthene-d10	0.00	164	0	0.00	ng		-10.01
63) Phenanthrene-d10	0.00	188	0	0.00	ng		-11.51
75) Chrysene-d12	14.39	240	119	20.00	ng		0.24
86) Perylene-d12	16.04	264	106	20.00	ng		0.35
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	679361	31.47	ng		0.00
7) Phenol-d6	6.58	99	928162	34.04	ng		0.00
23) Nitrobenzene-d5	7.53	82	600941	0.00	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	154977	0.00	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1046854	0.00	ng		0.00
78) Terphenyl-d14	13.08	244	909511	189834.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	81705	3.994	ng	#	76
76) Benzidine	13.08	184	11590	2926.404	ng	#	93
77) Pyrene	12.94	202	28540	3830.805	ng		97
79) Butylbenzylphthalate	13.77	149	785	281.486	ng	#	27
80) Benzo(a)anthracene	14.13	228	15279	2157.559	ng		98
81) 3,3'-Dichlorobenzidine	14.26	252	119	49.805	ng	#	27
82) Chrysene	14.13	228	7597	1175.000	ng		95
83) Bis(2-ethylhexyl)phthalate	14.37	149	736	184.065	ng	#	53
84) Di-n-octyl phthalate	15.02	149	893	154.912	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.69	276	6465	1252.895	ng		98
87) Benzo(b)fluoranthene	15.61	252	10239	1597.952	ng		93
88) Benzo(k)fluoranthene	15.61	252	10239	1613.487	ng		96
89) Benzo(a)pyrene	15.99	252	115	19.954	ng	#	1
90) Dibenzo(a,h)anthracene	17.51	278	113	23.518	ng	#	54
91) Benzo(g,h,i)perylene	17.96	276	415	88.874	ng	#	50

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

Quantitation Report (Not Reviewed)

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Misc :
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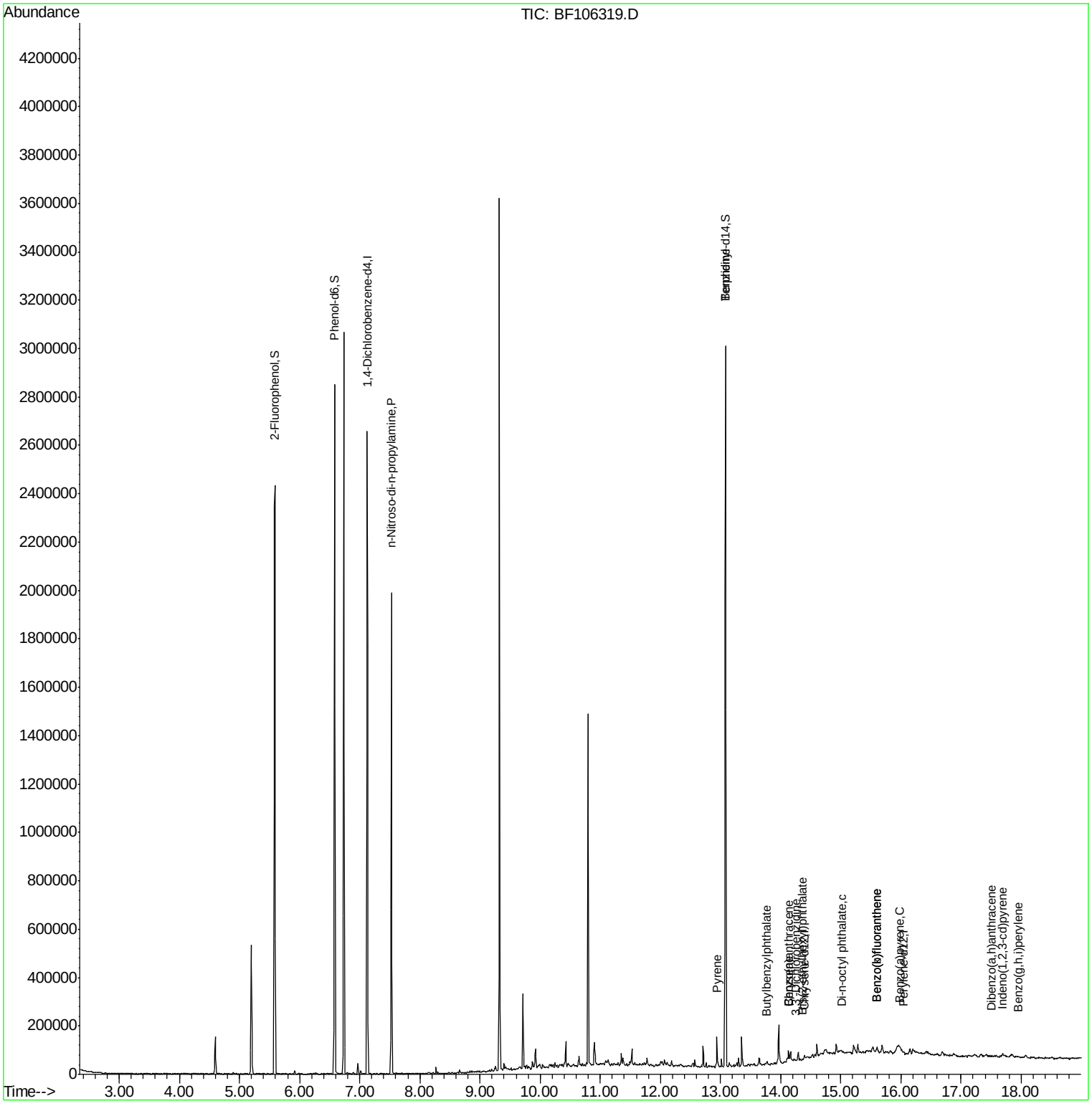
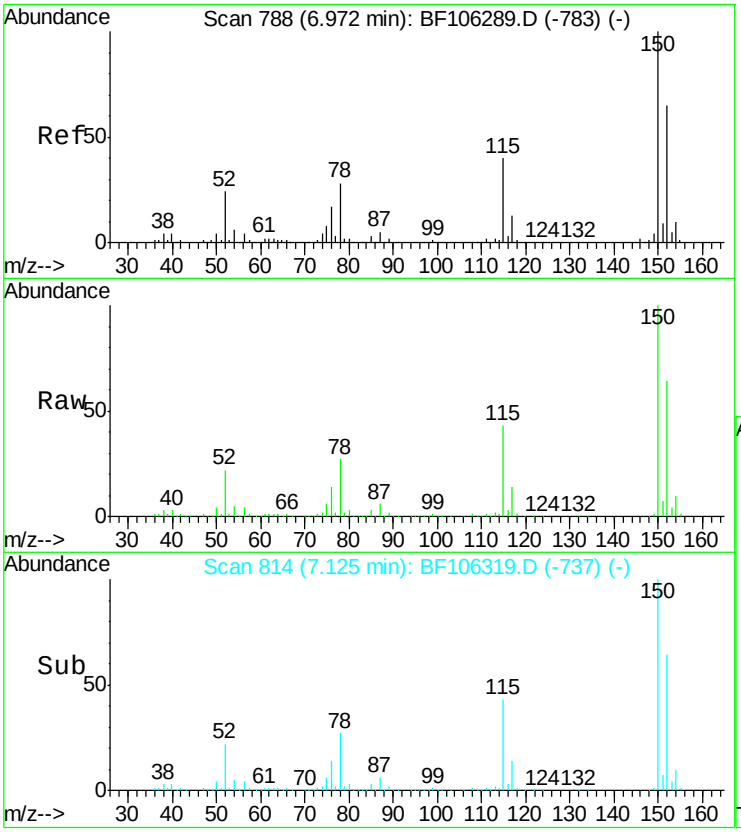


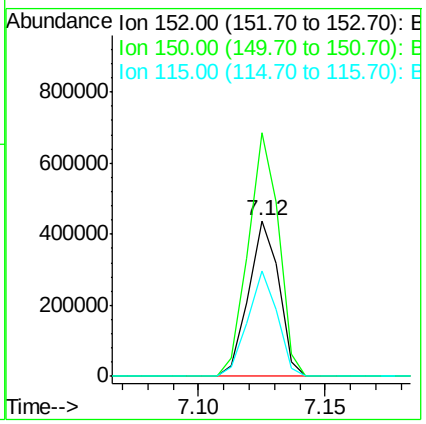


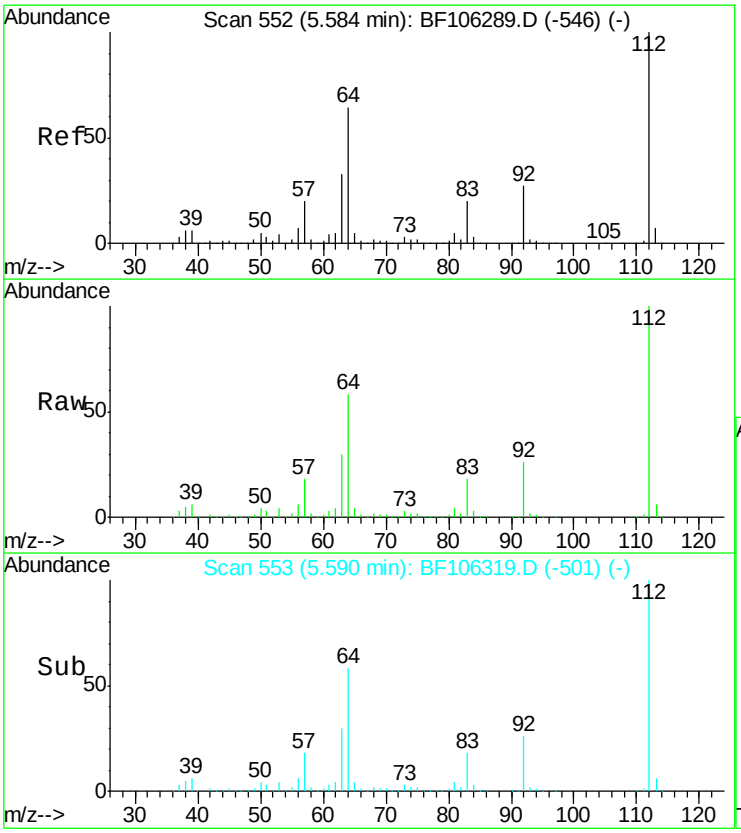
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.15 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:152 Resp: 365315

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	67.9	50.1	75.1

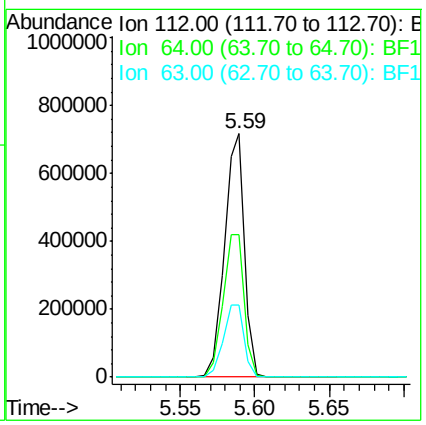


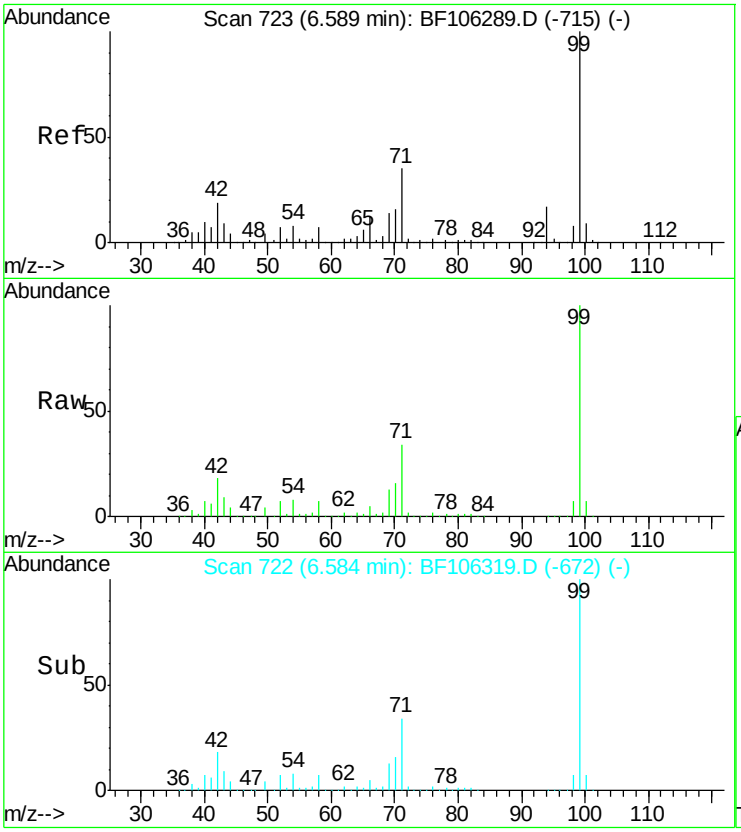


#5
2-Fluorophenol
Concen: 31.475 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:112 Resp: 679361

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	29.8	23.7	35.5



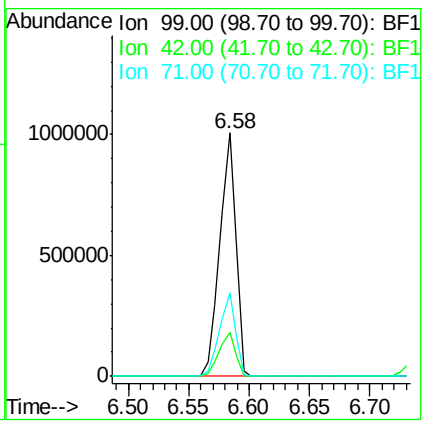


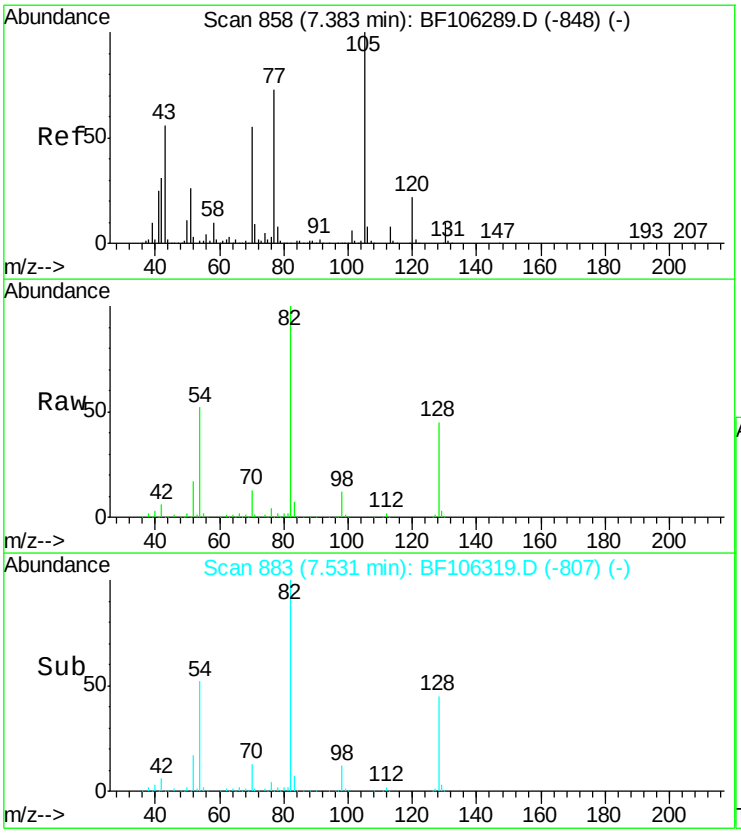
#7
Phenol-d6
Concen: 34.036 ng
RT: 6.58 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion: 99 Resp: 928162

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	34.2	25.4	38.0

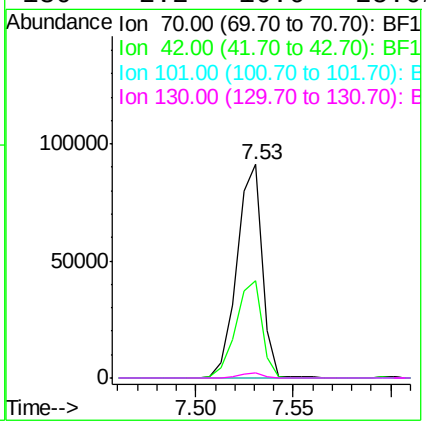


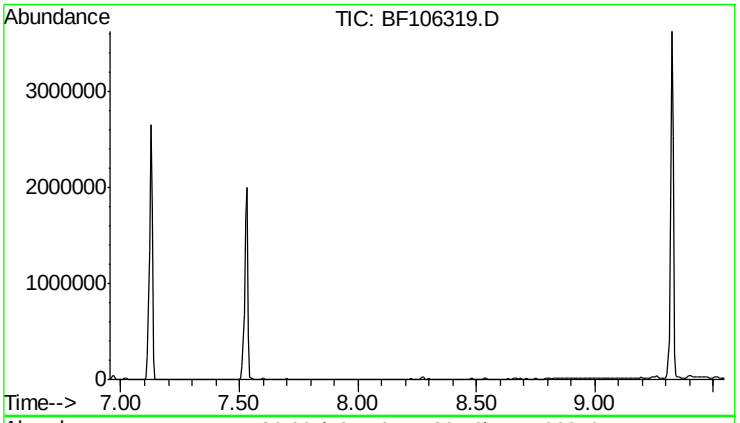


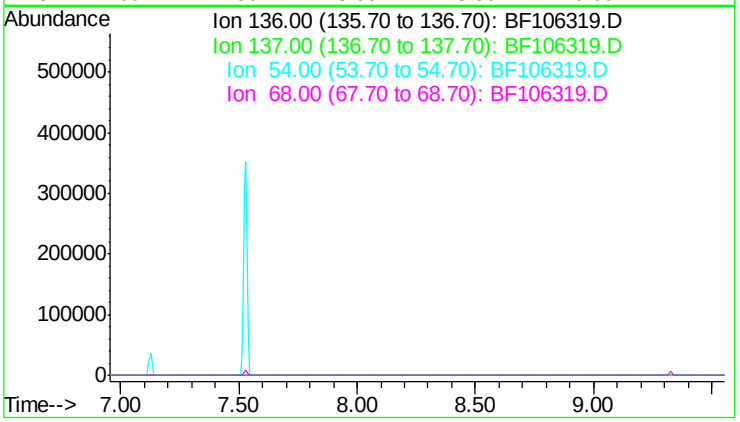
#19
n-Nitroso-di-n-propylamine
Concen: 3.994 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion: 70 Resp: 81705

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#







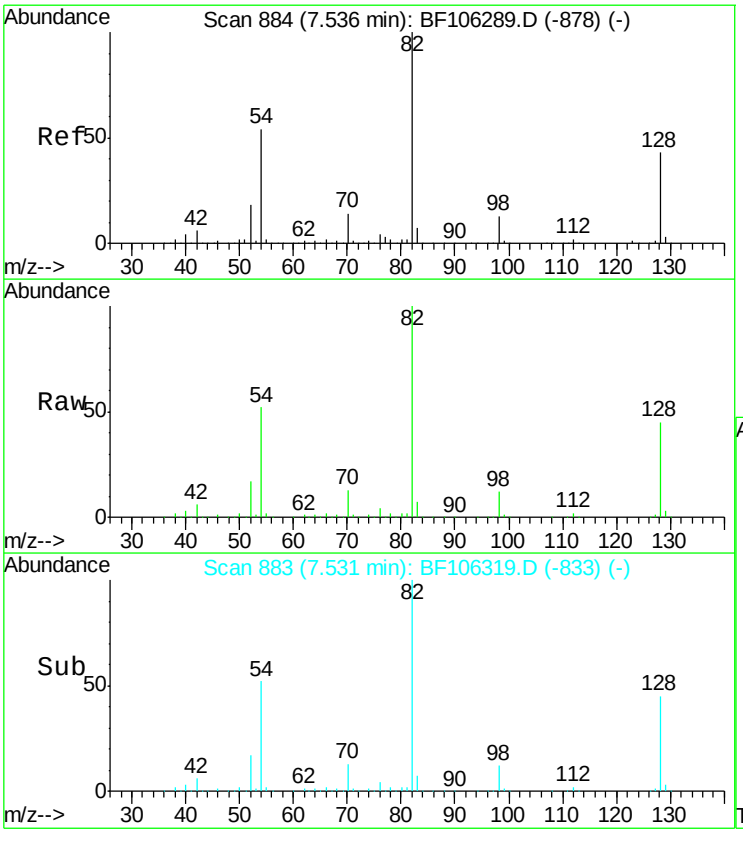
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.25 min

Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.1
54	8.2
68	6.2

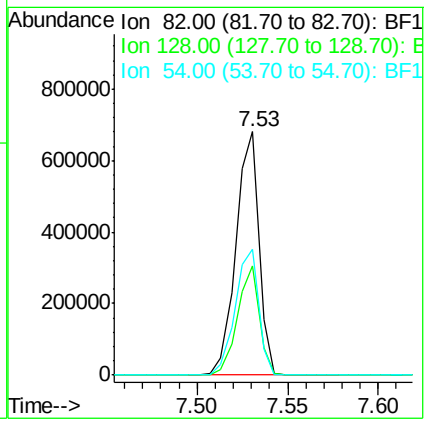
Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

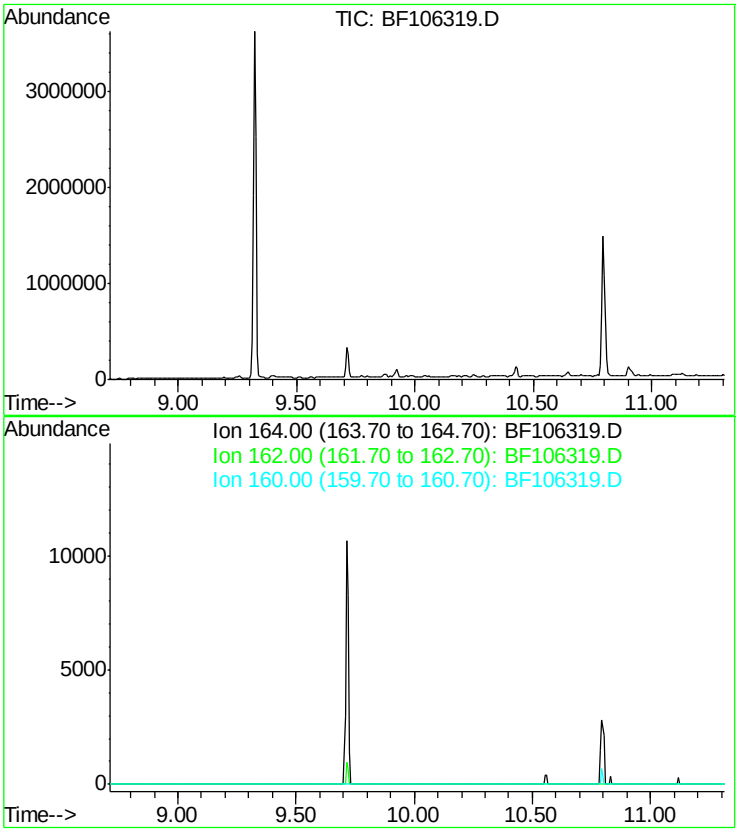


#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion: 82 Resp: 600941

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	51.7	41.4	62.2





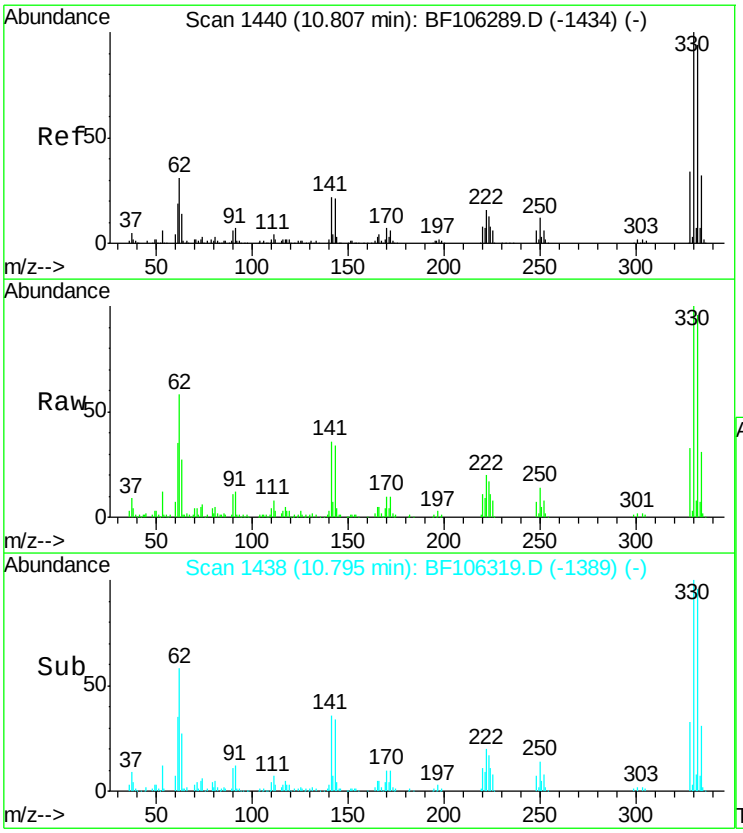
#38
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 10.01 min

Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	107.6
160	47.9

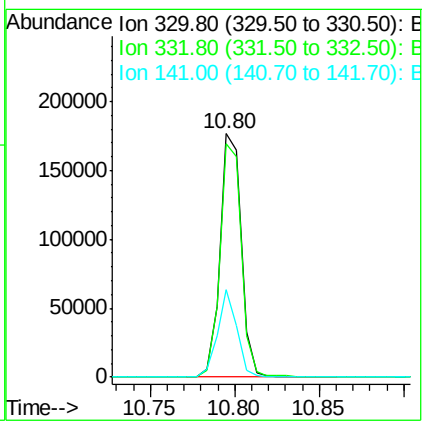
Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

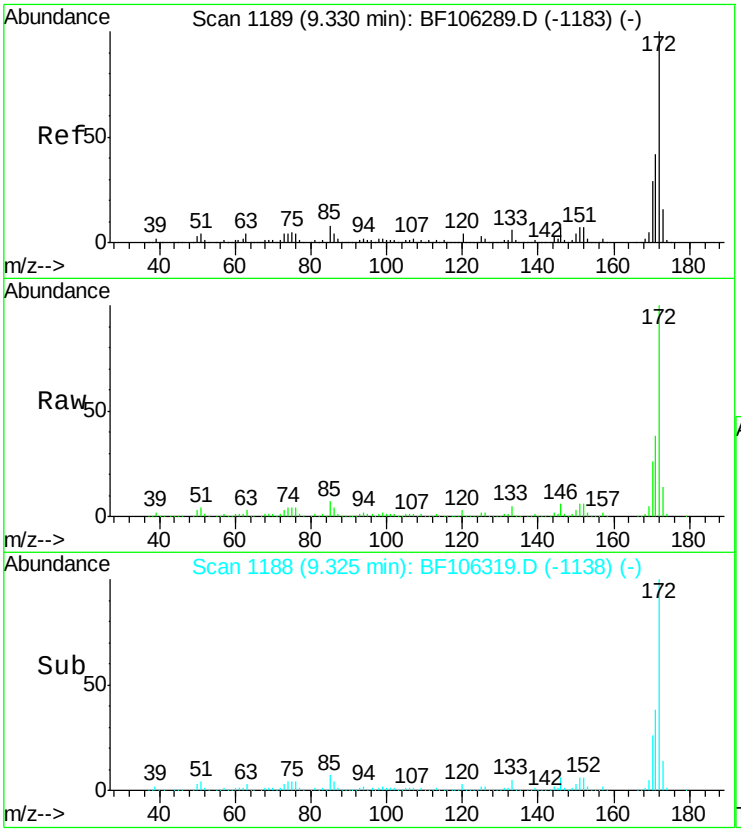


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:330 Resp: 154977

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.2	29.9	44.9



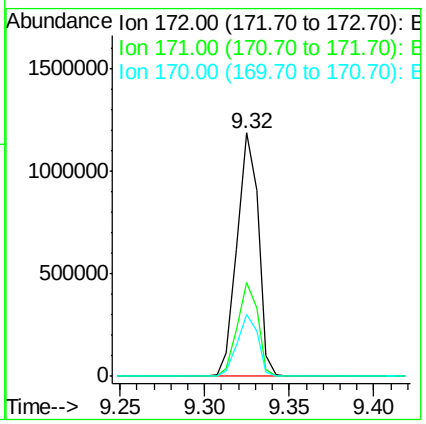


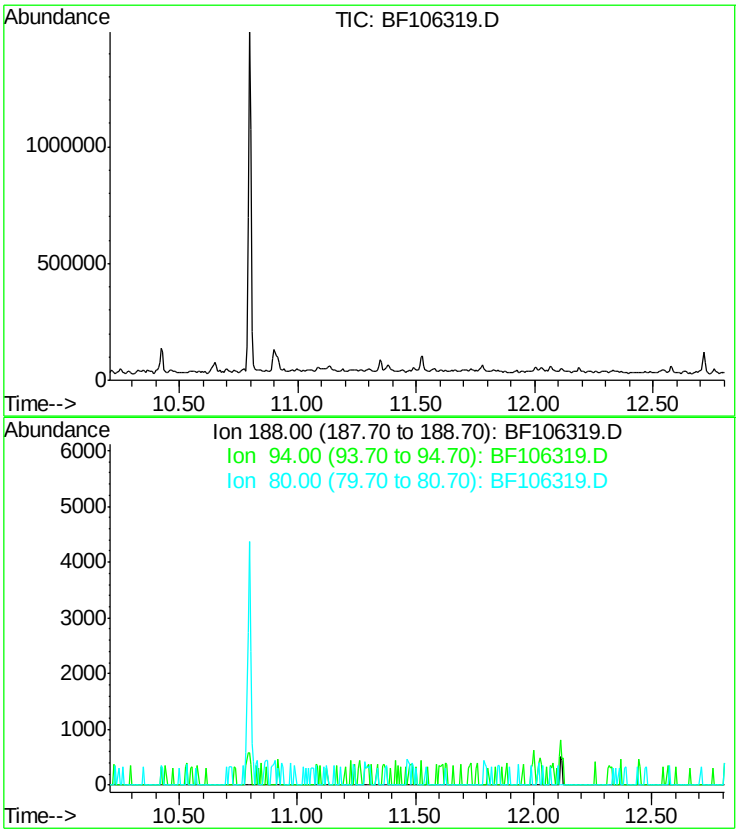
#44
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:172 Resp: 1046854

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.6	19.6	29.4



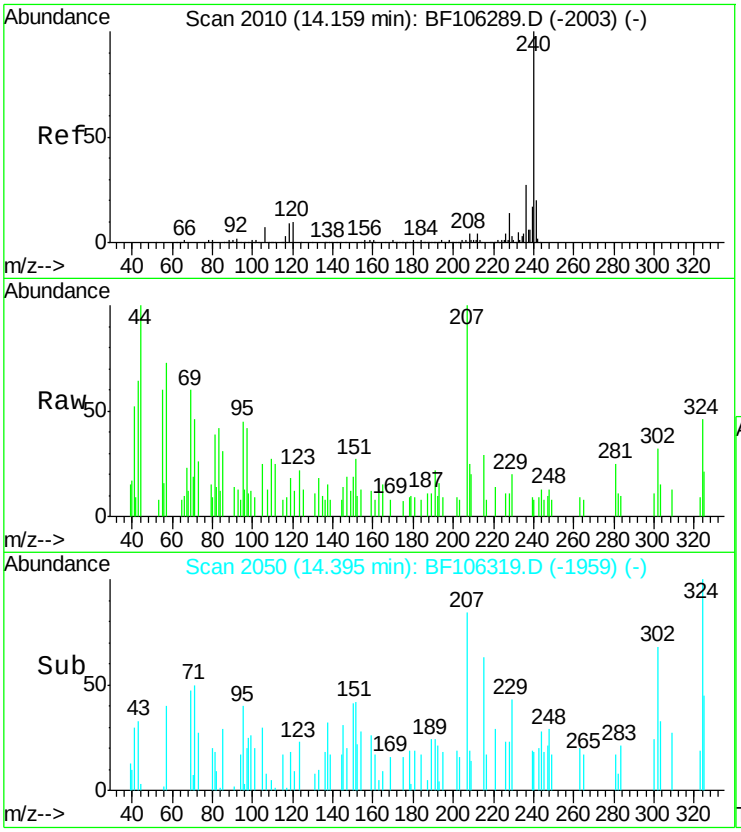


#63
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.51 min

Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.6
80	11.5

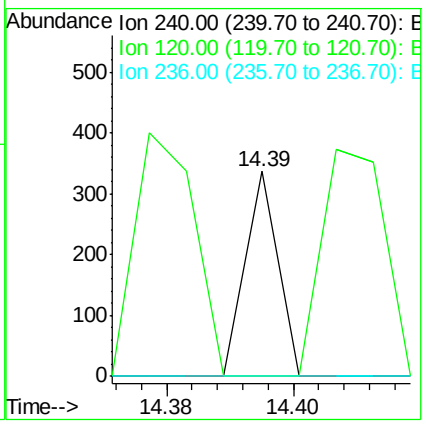


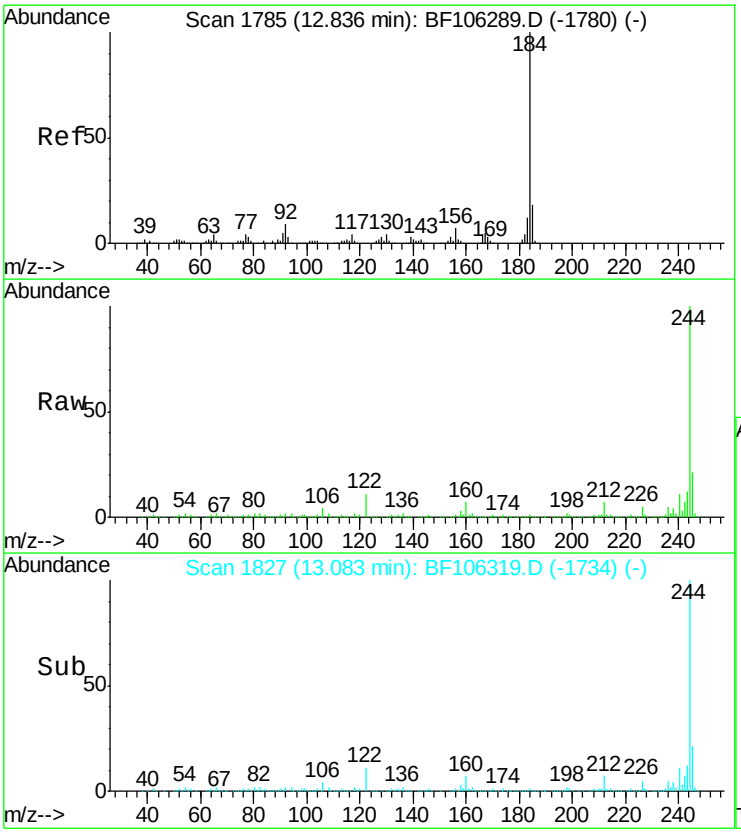
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.39 min Scan# 2050
Delta R.T. 0.24 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:240 Resp: 119

Ion	Ratio	Lower	Upper
240	100		
120	0.0	9.5	14.3#
236	0.0	20.7	31.1#

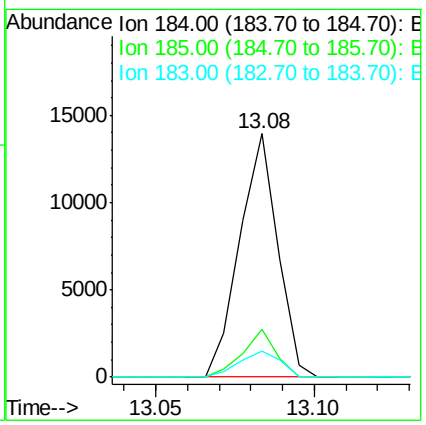


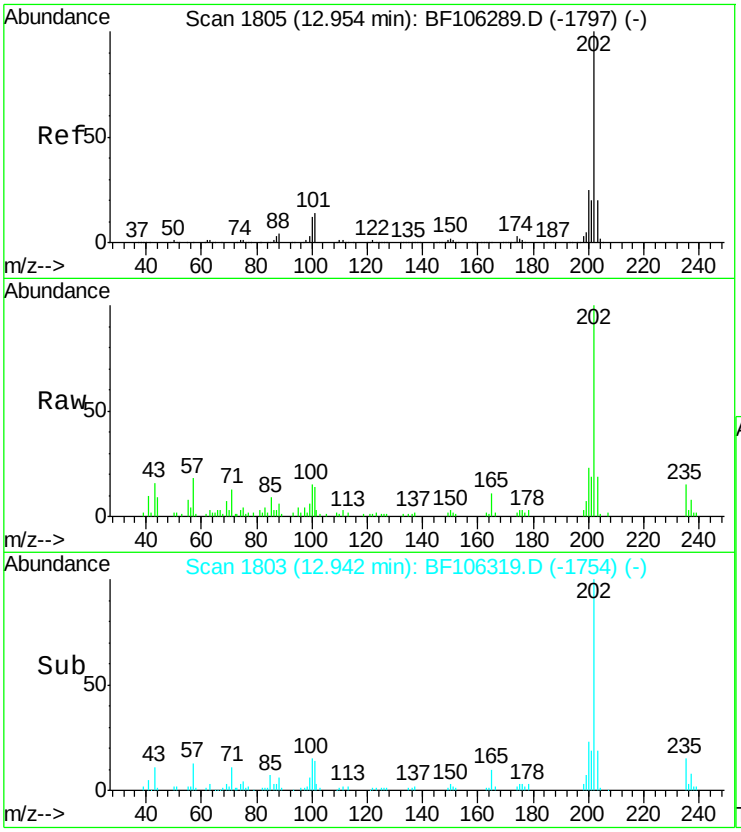


#76
Benzidine
Concen: 2926.404 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.25 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:184 Resp: 11590

Ion	Ratio	Lower	Upper
184	100		
185	19.7	12.6	18.8#
183	10.7	9.3	13.9



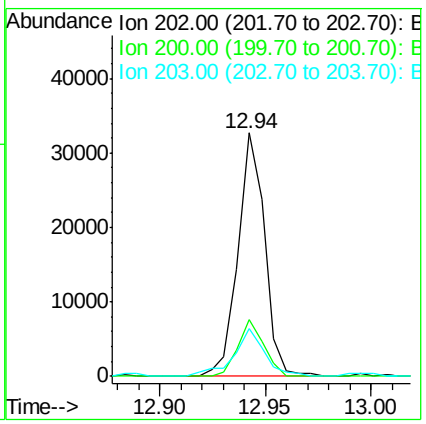


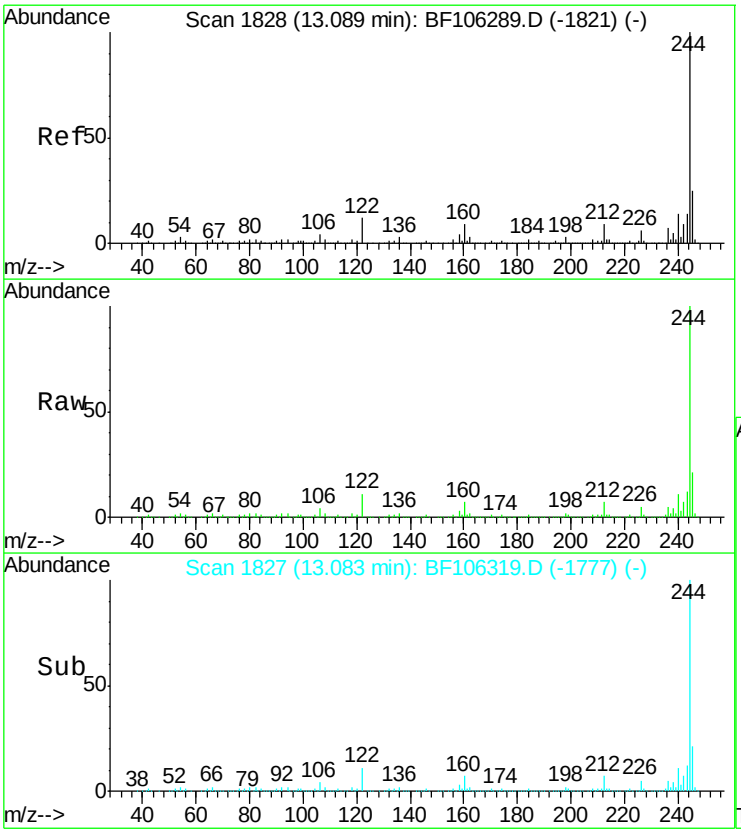
#77
Pyrene
Concen: 3830.805 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:202 Resp: 28540

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	19.4	14.3	21.5

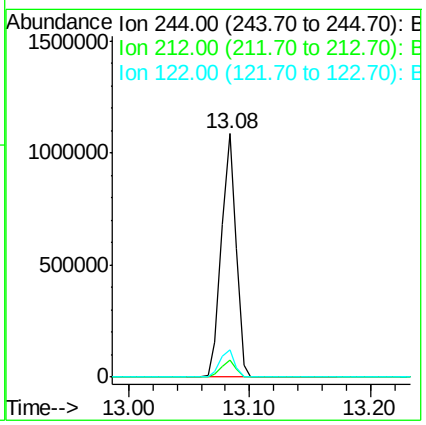


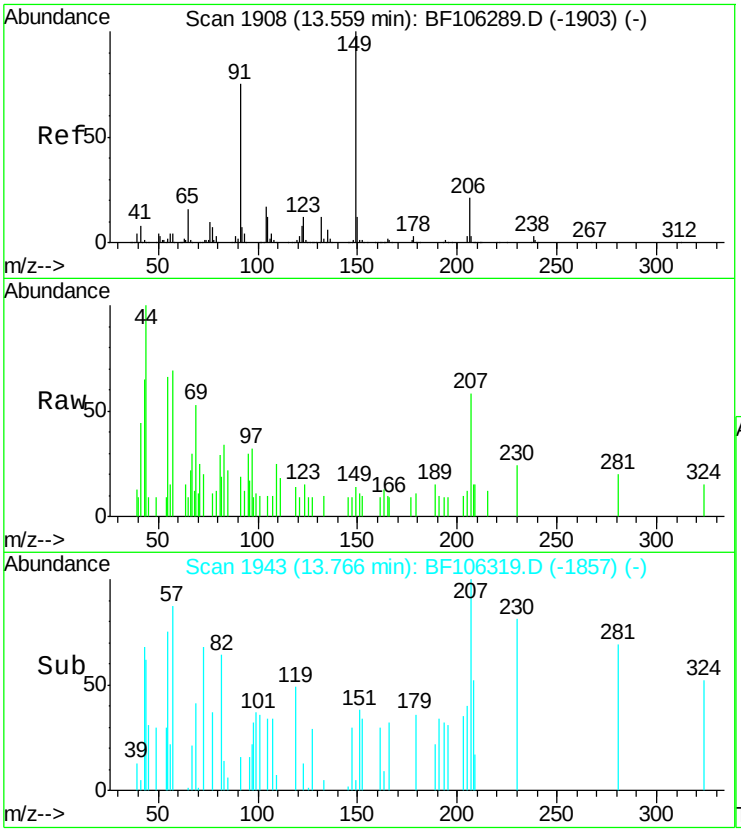


#78
Terphenyl-d14
Concen: 189834.222 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:244 Resp: 909511

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



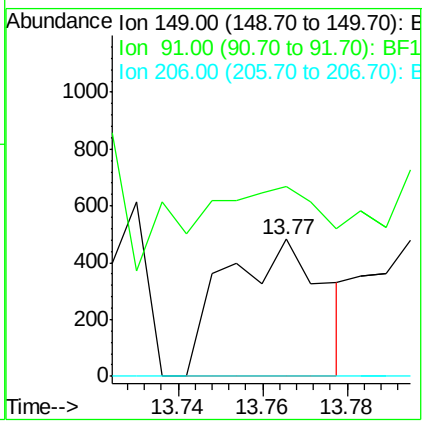


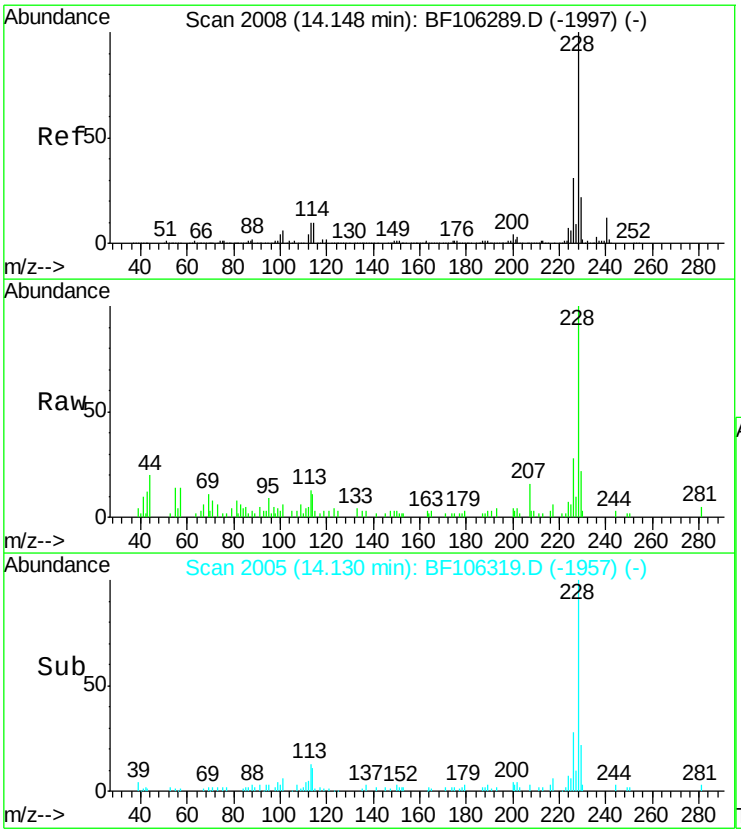
#79
Butylbenzylphthalate
Concen: 281.486 ng
RT: 13.77 min Scan# 1943
Delta R.T. 0.21 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:149 Resp: 785

Ion	Ratio	Lower	Upper
149	100		
91	138.3	56.8	85.2#
206	0.0	14.1	21.1#

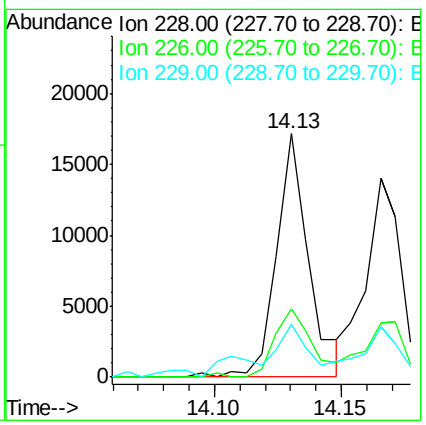


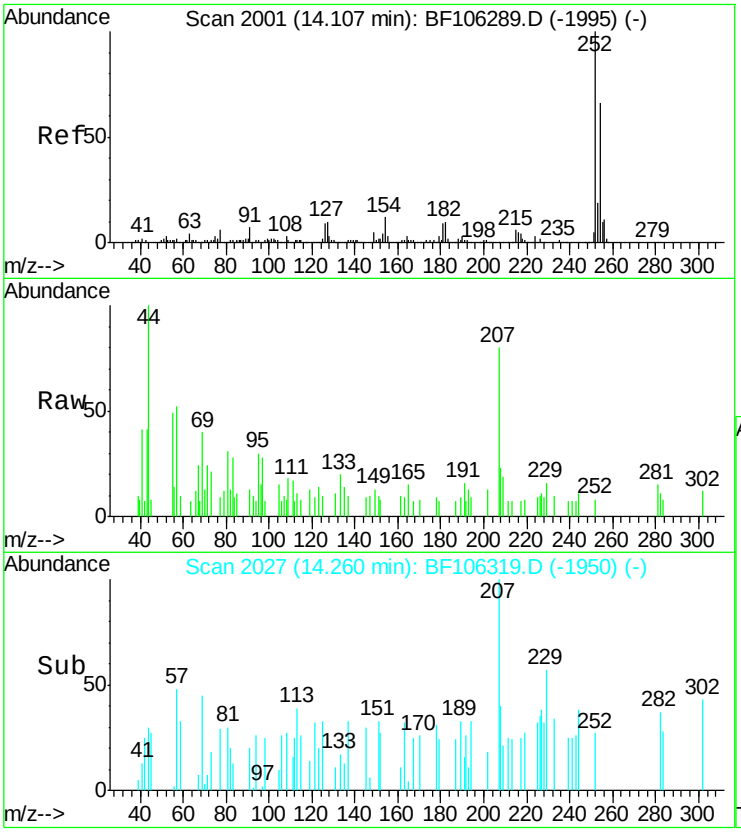


#80
Benzo(a)anthracene
Concen: 2157.559 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:228 Resp: 15279

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.9	15.8	23.6



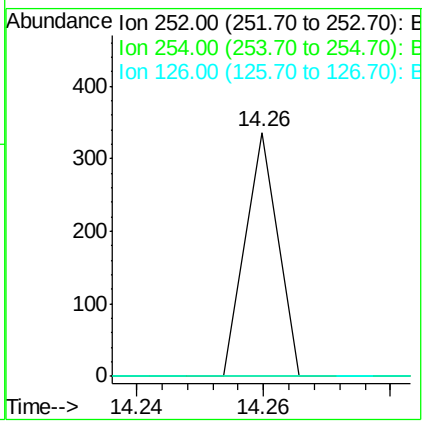


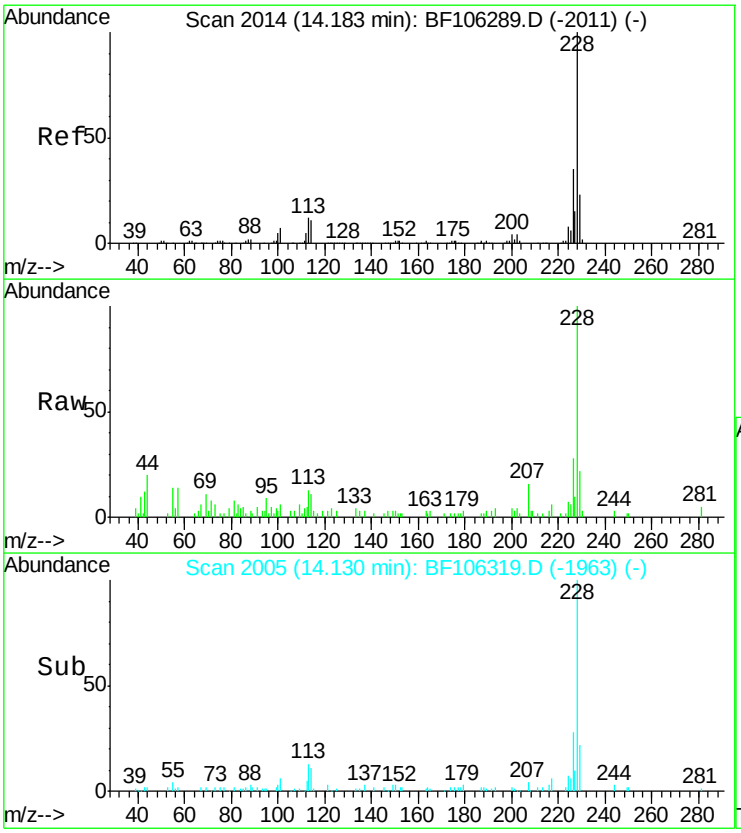
#81
3,3'-Dichlorobenzidine
Concen: 49.805 ng
RT: 14.26 min Scan# 2027
Delta R.T. 0.15 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:252 Resp: 119

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	0.0	11.3	16.9#

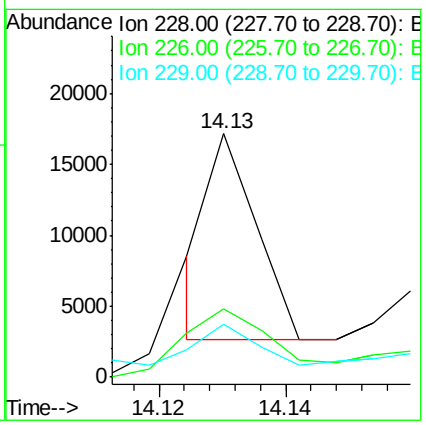


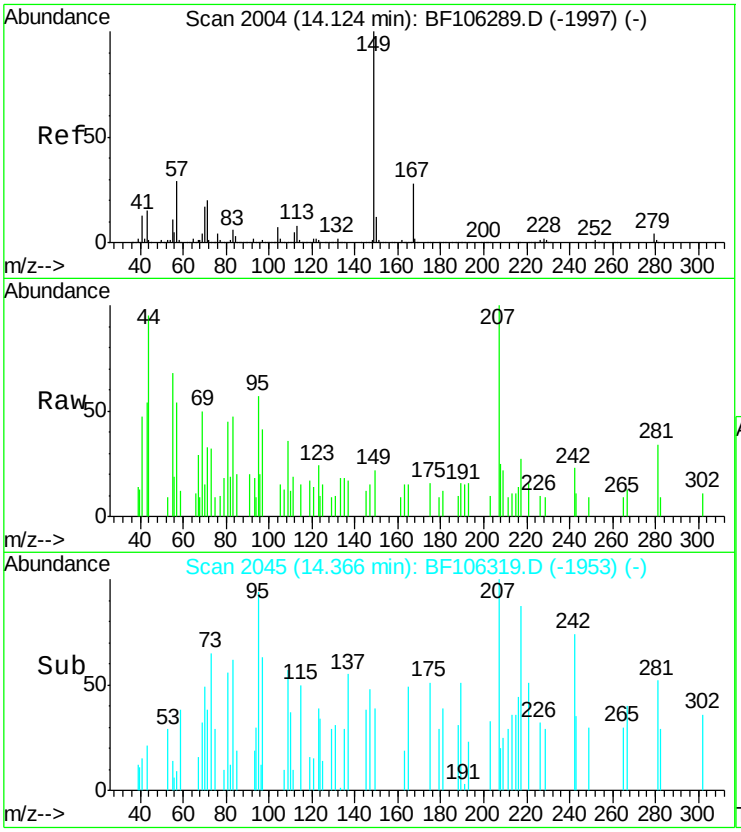


#82
Chrysene
Concen: 1175.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.05 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:228 Resp: 7597

Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	21.9	16.2	24.4



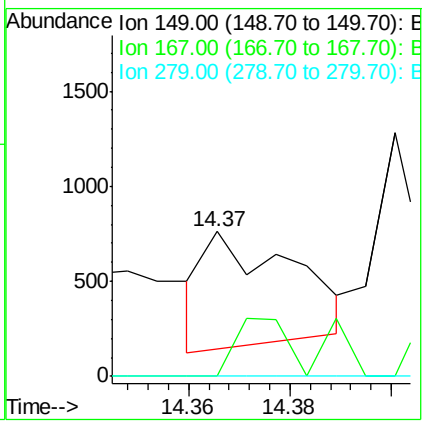


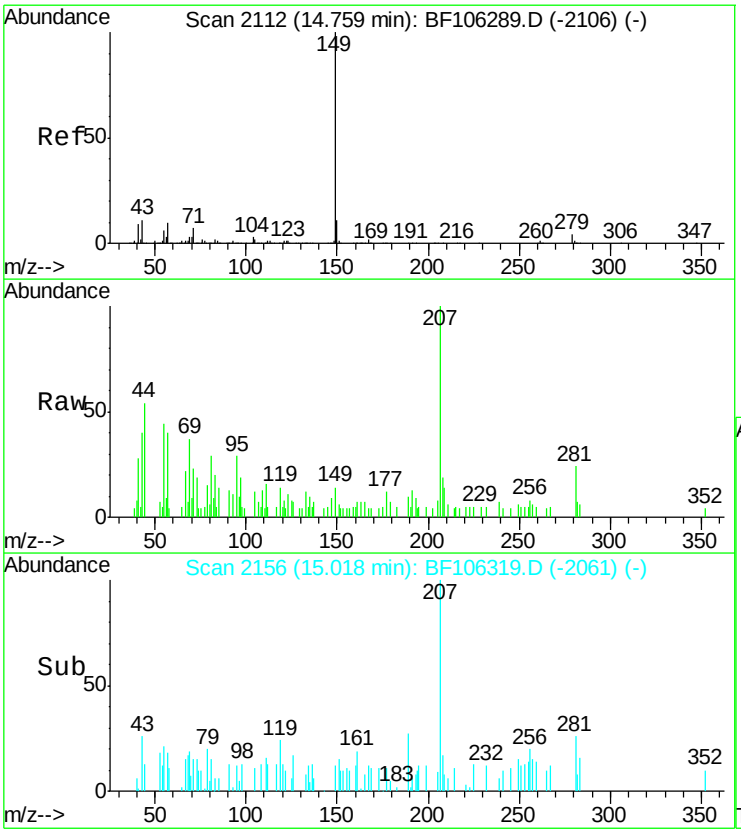
#83
Bis(2-ethylhexyl)phthalate
Concen: 184.065 ng
RT: 14.37 min Scan# 2045
Delta R.T. 0.24 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:149 Resp: 736

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.3	31.9#
279	0.0	3.0	4.4#

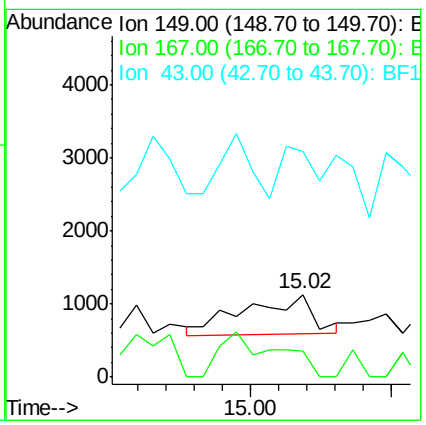


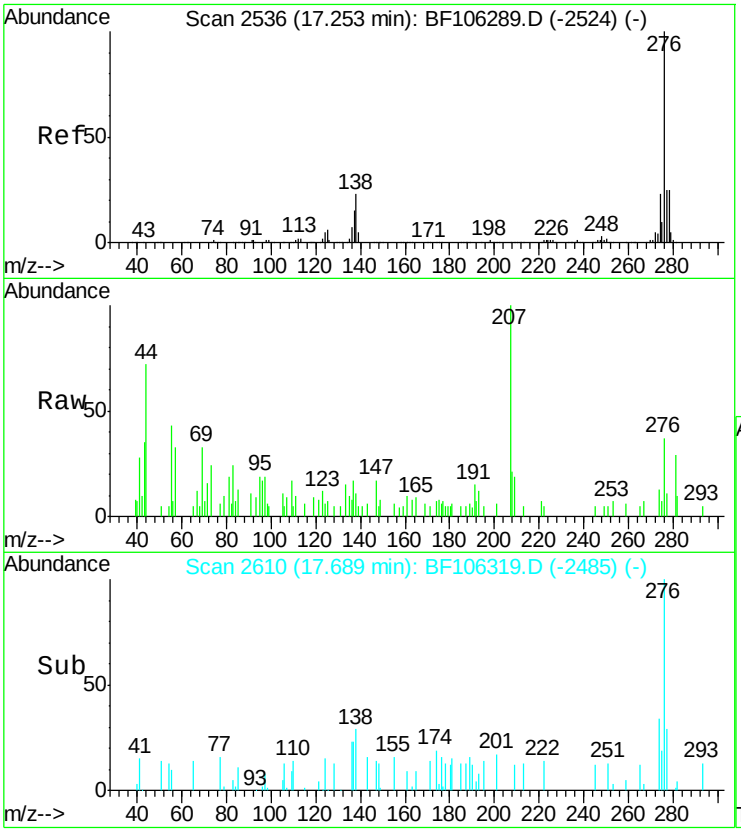


#84
Di-n-octyl phthalate
Concen: 154.912 ng
RT: 15.02 min Scan# 2156
Delta R.T. 0.26 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:149 Resp: 893

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	155.0	8.4	12.6#



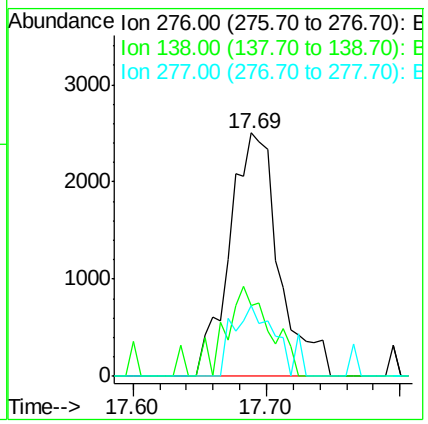


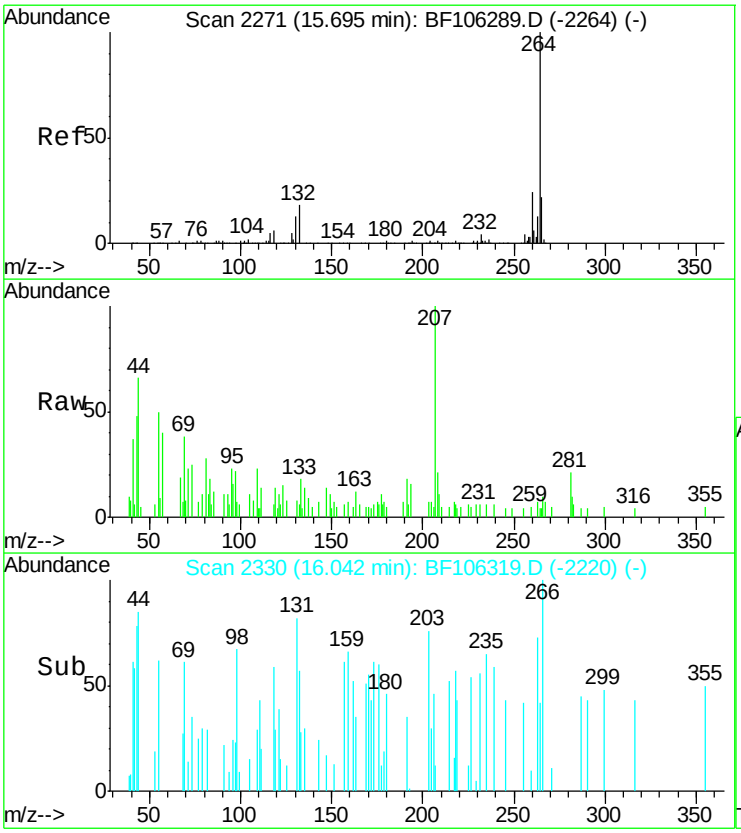
#85
Indeno(1,2,3-cd)pyrene
Concen: 1252.895 ng
RT: 17.69 min Scan# 2610
Delta R.T. 0.44 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:276 Resp: 6465

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.8	20.1	30.1

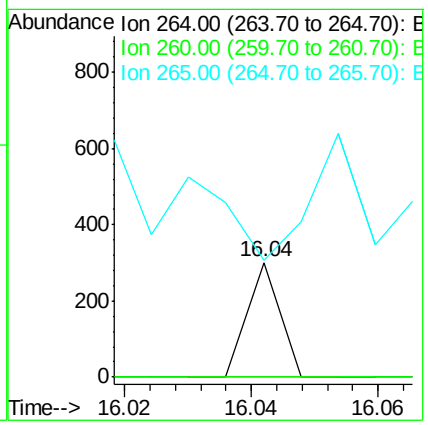


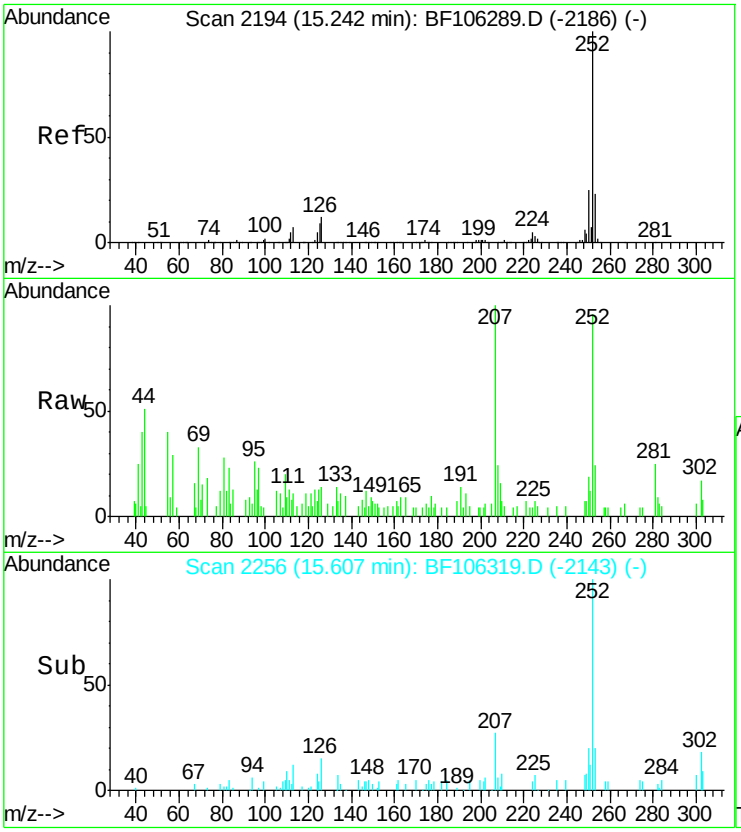


#86
Perylene-d12
Concen: 20.000 ng
RT: 16.04 min Scan# 2330
Delta R.T. 0.35 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:264 Resp: 106

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.2	28.8#
265	102.0	17.5	26.3#



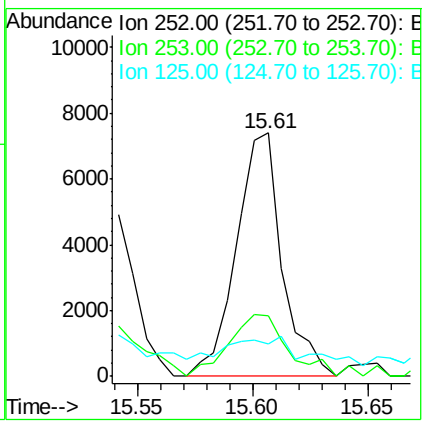


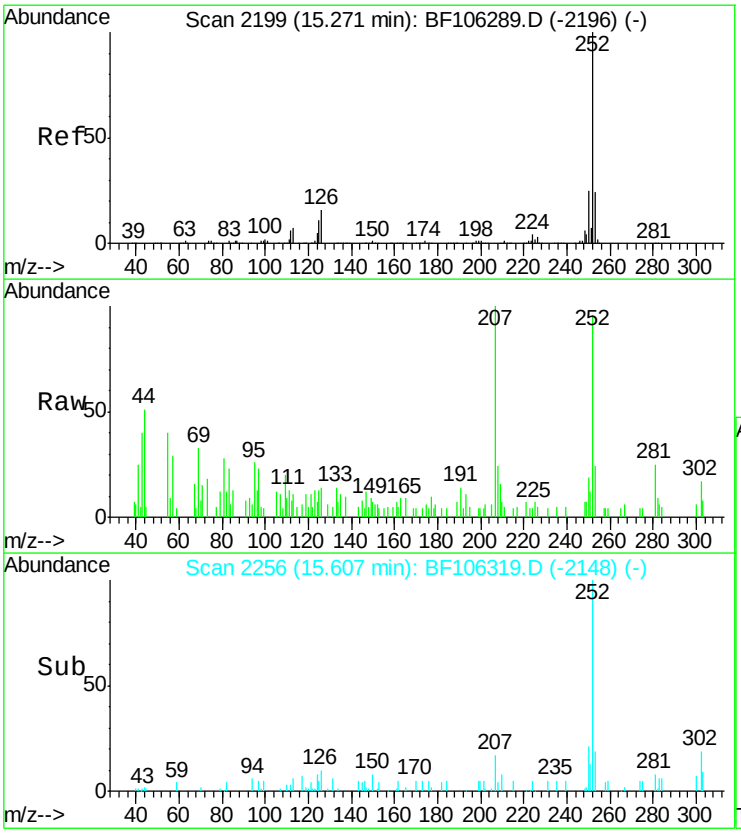
#87
Benzo(b)fluoranthene
Concen: 1597.952 ng
RT: 15.61 min Scan# 2256
Delta R.T. 0.36 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:252 Resp: 10239

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	13.5	9.0	13.6

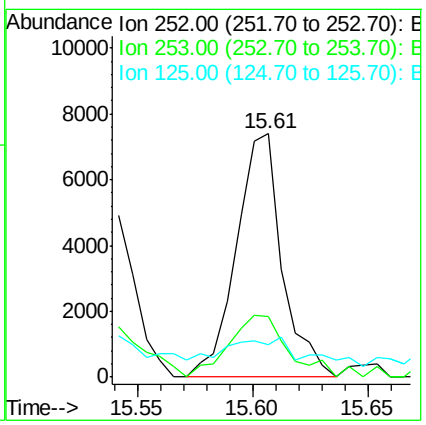


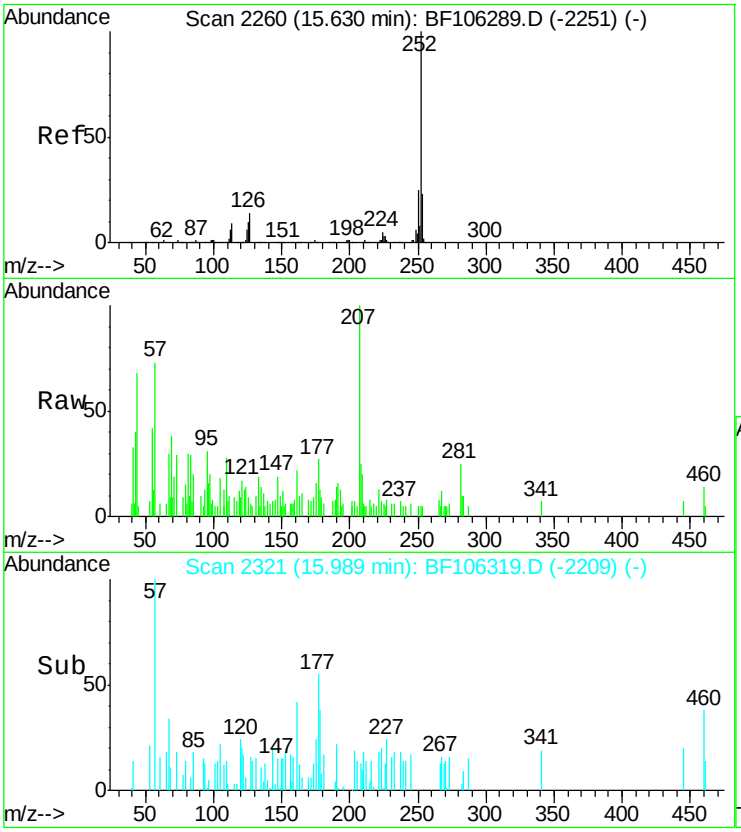


#88
Benzo(k)fluoranthene
Concen: 1613.487 ng
RT: 15.61 min Scan# 2256
Delta R.T. 0.34 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:252 Resp: 10239

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	13.5	10.2	15.2



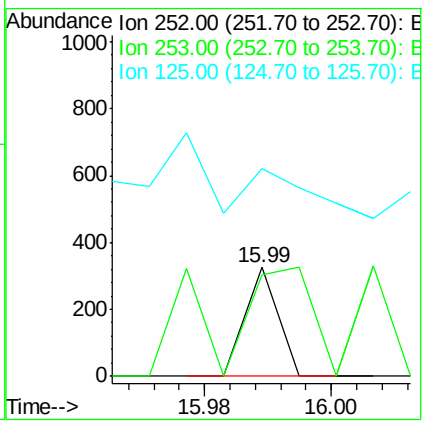


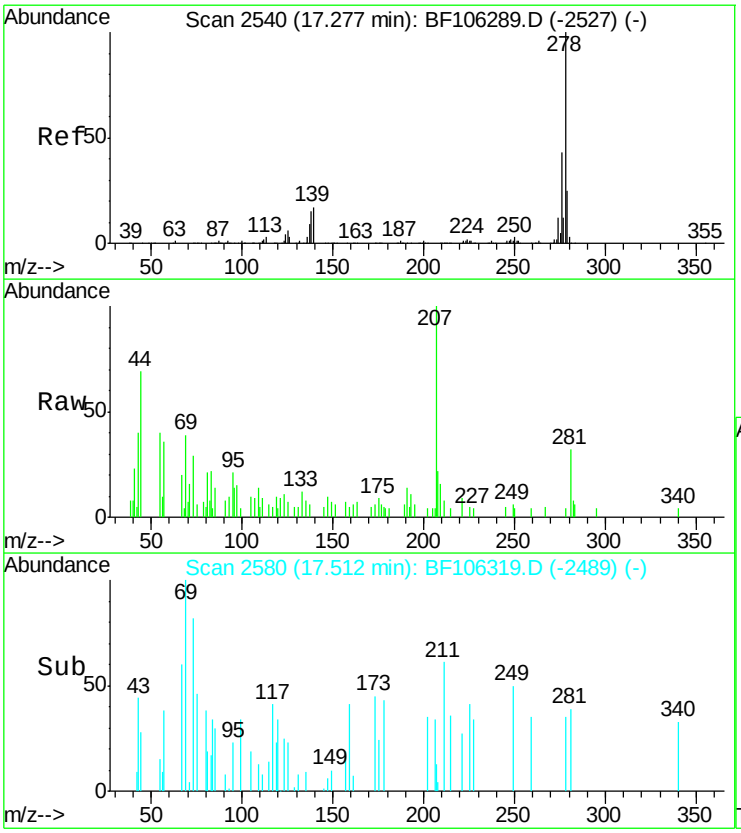
#89
Benzo(a)pyrene
Concen: 19.954 ng
RT: 15.99 min Scan# 2321
Delta R.T. 0.36 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:252 Resp: 115

Ion	Ratio	Lower	Upper
252	100		
253	92.9	17.1	25.7#
125	190.8	9.8	14.6#

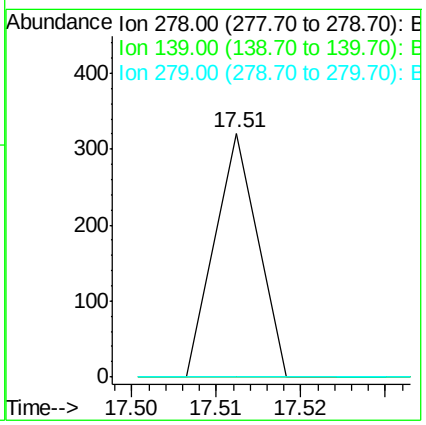


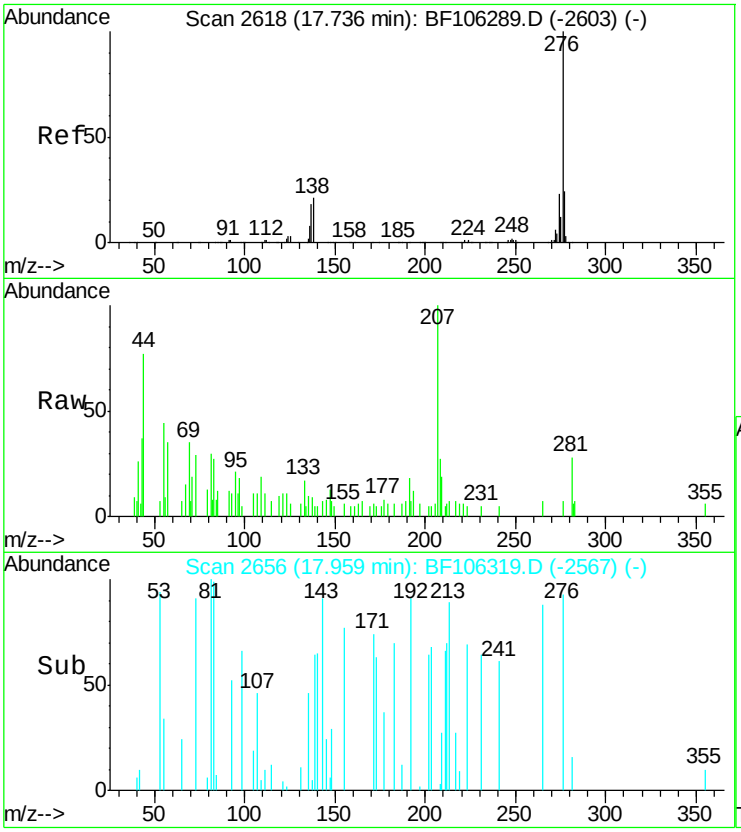


#90
Dibenzo(a,h)anthracene
Concen: 23.518 ng
RT: 17.51 min Scan# 2580
Delta R.T. 0.24 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion:278 Resp: 113

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	0.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 88.874 ng
RT: 17.96 min Scan# 2656
Delta R.T. 0.22 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tgt Ion:276 Resp: 415

Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#