Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106492.D
Acq On : 15 Jun 2018 15:28
Operator : JU/SJ
Sample : J3471-04RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #2

Quant Time: Jun 15 22:57:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113186	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	410916	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	176798	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	289974	20.00	ng		0.00
75) Chrysene-d12	14.15	240	303105	20.00	ng		0.00
86) Perylene-d12	15.71	264	241878	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	615728	92.07	ng		0.00
7) Phenol-d6	6.61	99	740610	87.66	ng		0.00
23) Nitrobenzene-d5	7.52	82	486648	69.67	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	159768	93.92	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	757494	72.53	ng		0.00
78) Terphenyl-d14	13.08	244	649752	53.24	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	65361	10.311	ng	#	77
25) Isophorone	7.52	82	486642	35.669	ng	#	64
49) Dimethylphthalate	9.71	163	78842	6.242	ng		99
56) 2,4-Dinitrotoluene	10.01	165	22010	6.793	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	138	6.371	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	10482	3.178	ng	#	1
70) Phenanthrene	11.52	178	47907	3.373	ng		98
74) Fluoranthene	12.71	202	121542	8.025	ng		96
77) Pyrene	12.94	202	120397	6.345	ng		99
80) Benzo(a)anthracene	14.14	228	67850	3.762	ng		95
82) Chrysene	14.18	228	69240	4.204	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	27252	2.073	ng	#	88
87) Benzo(b)fluoranthene	15.25	252	101996	6.976	ng	#	91
88) Benzo(k)fluoranthene	15.25	252	101996	7.044	ng		94
89) Benzo(a)pyrene	15.64	252	51128	3.888	ng		96
91) Benzo(g,h,i)perylene	17.75	276	29691	2.787	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106492.D
Acq On : 15 Jun 2018 15:28
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
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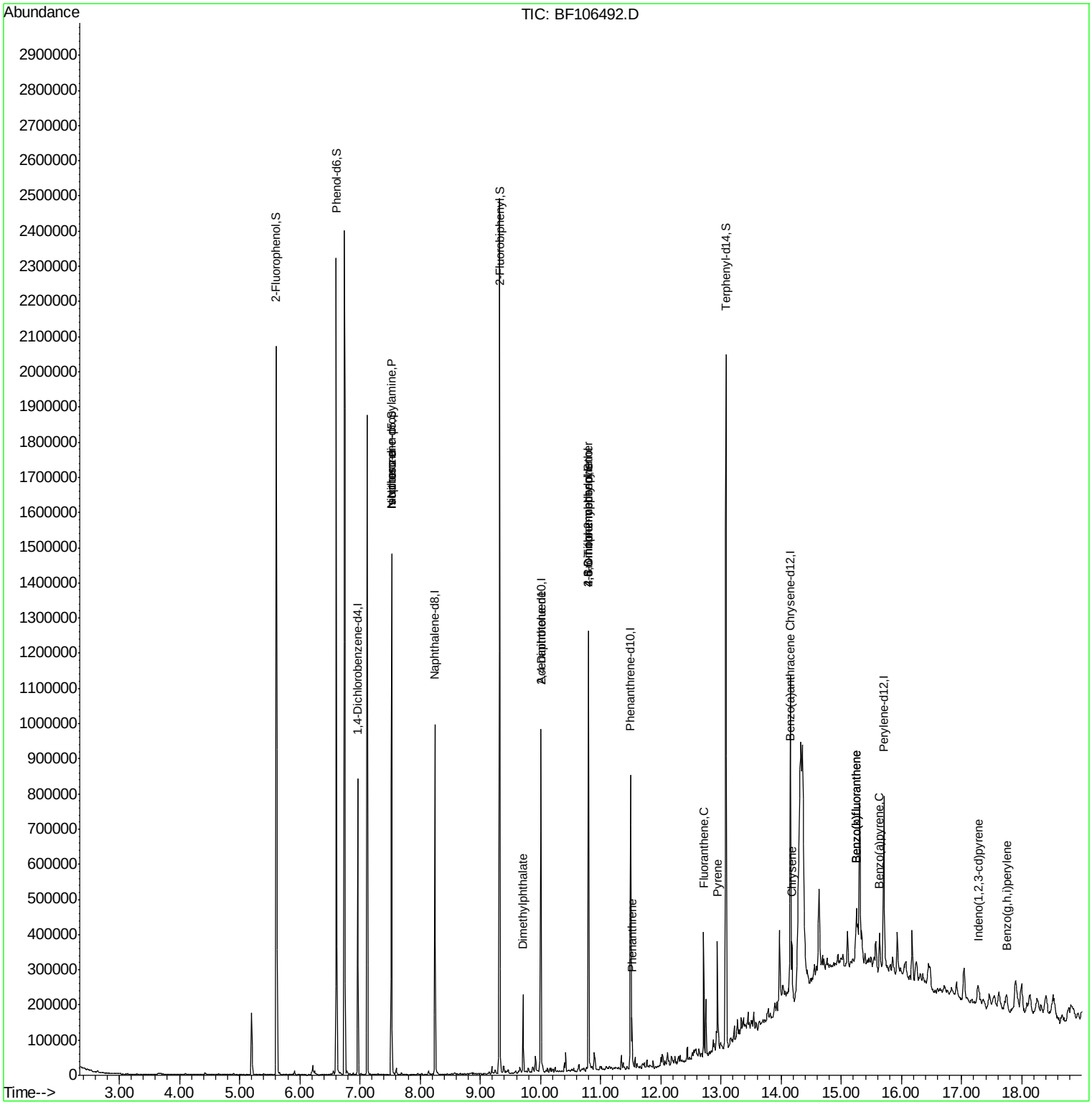
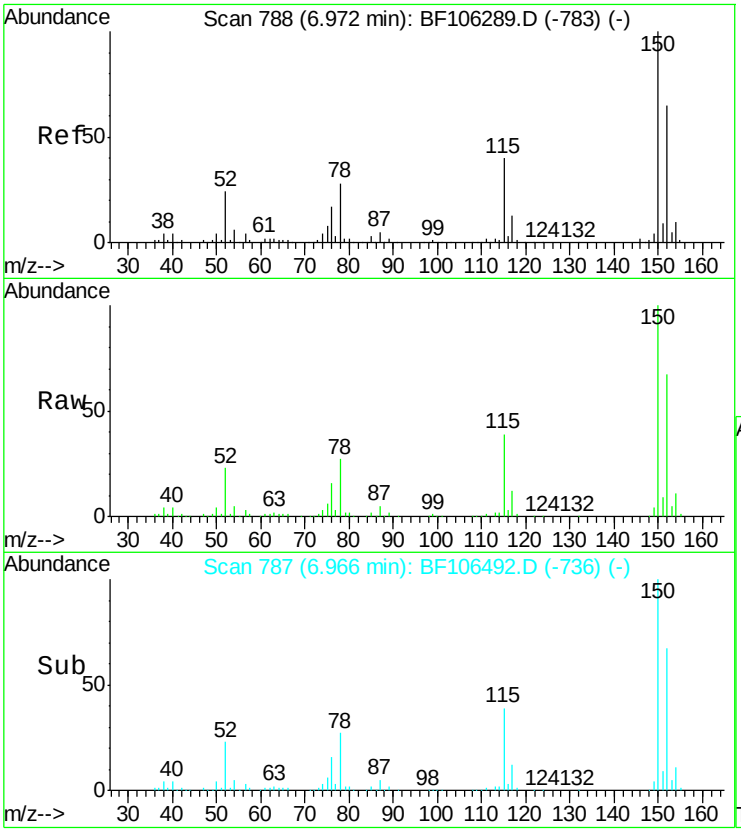


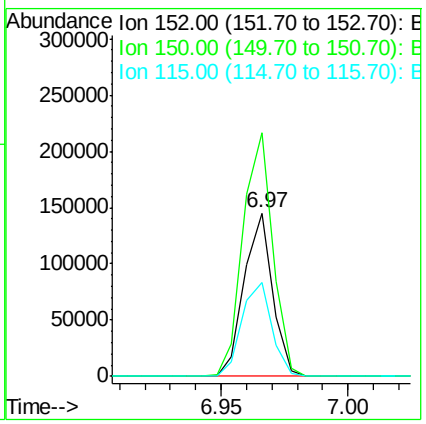


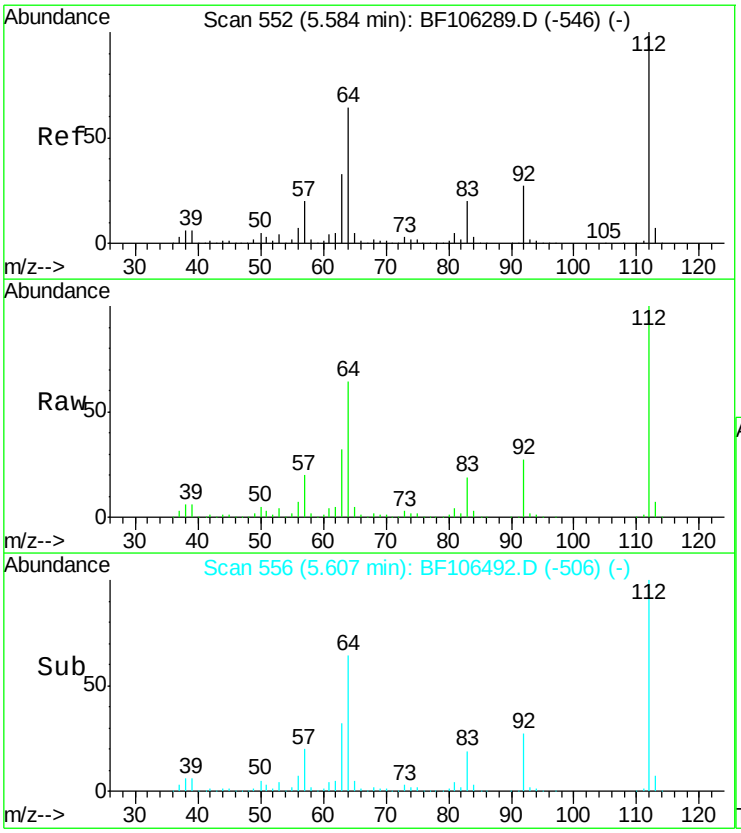
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:152 Resp: 113186

Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	57.4	50.1	75.1

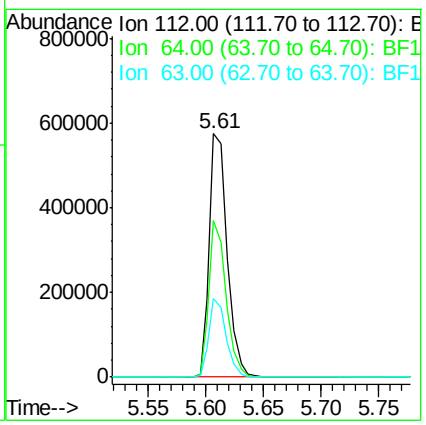


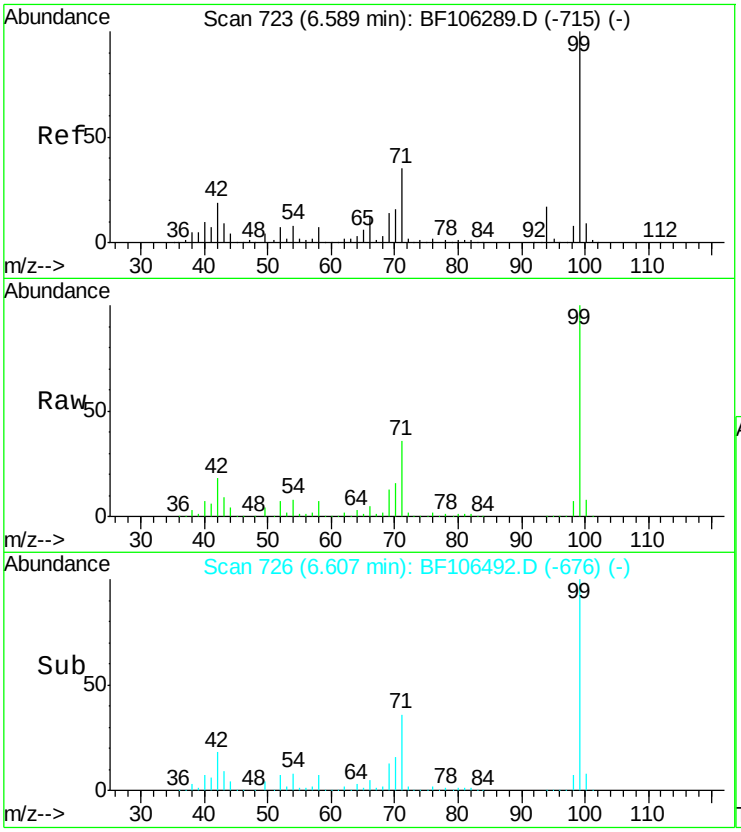


#5
2-Fluorophenol
Concen: 92.071 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:112 Resp: 615728

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.5	23.7	35.5



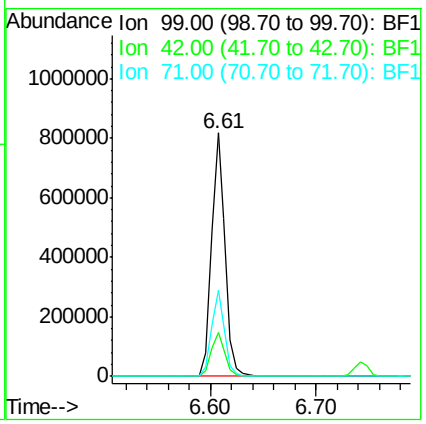


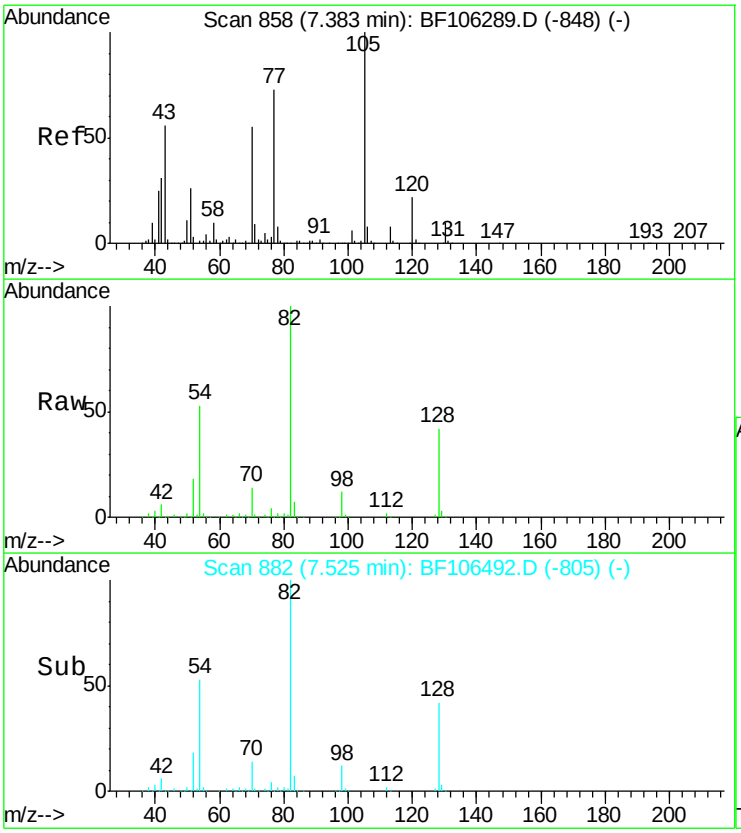
#7
Phenol-d6
Concen: 87.656 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion: 99 Resp: 740610

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	35.6	25.4	38.0

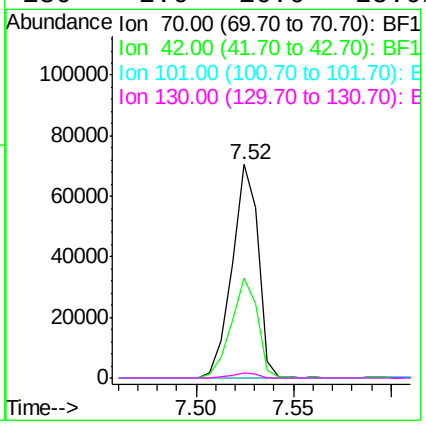


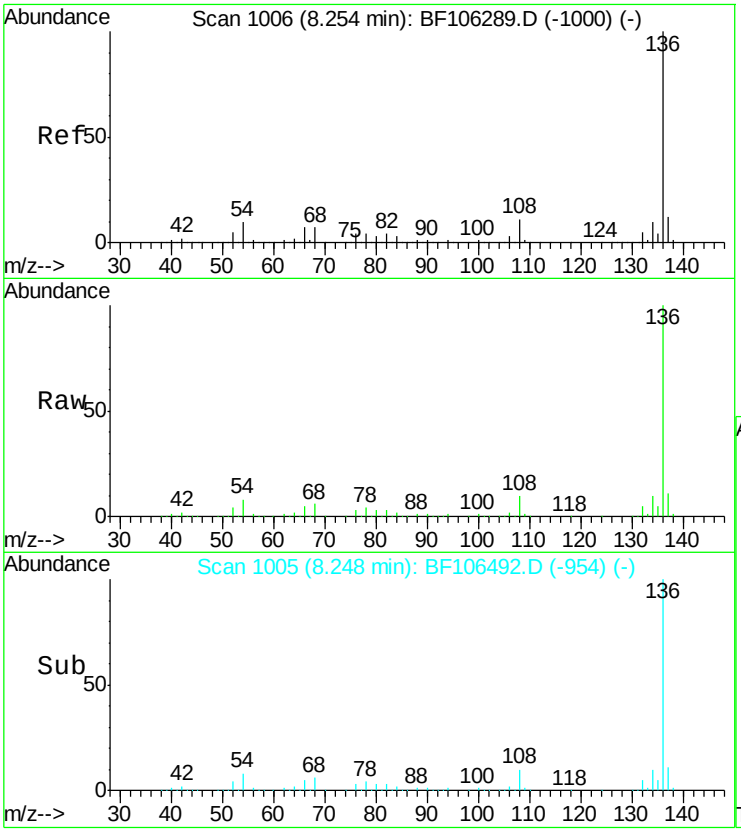


#19
n-Nitroso-di-n-propylamine
Concen: 10.311 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion: 70 Resp: 65361

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



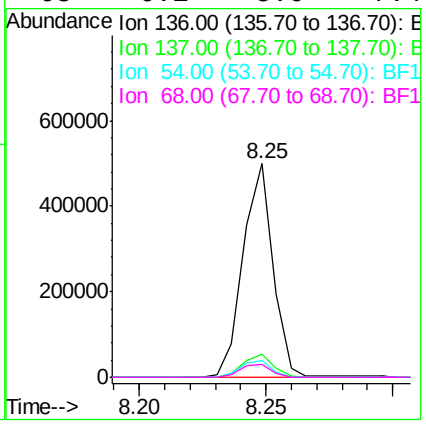


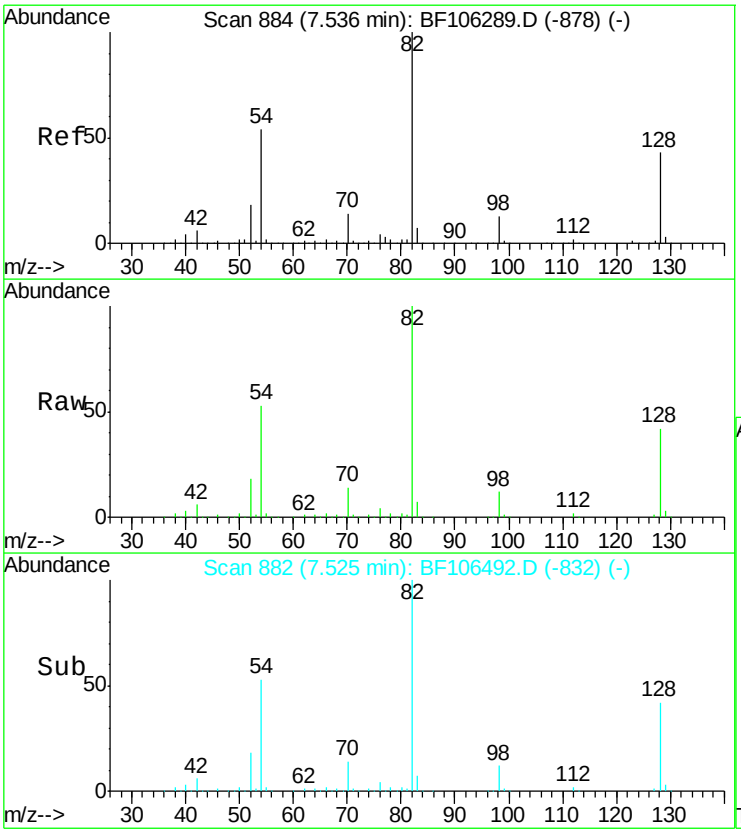
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:136 Resp: 410916

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4

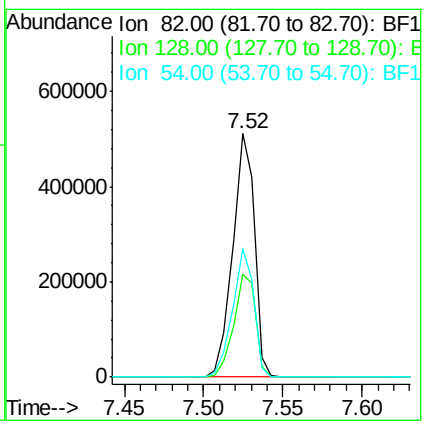


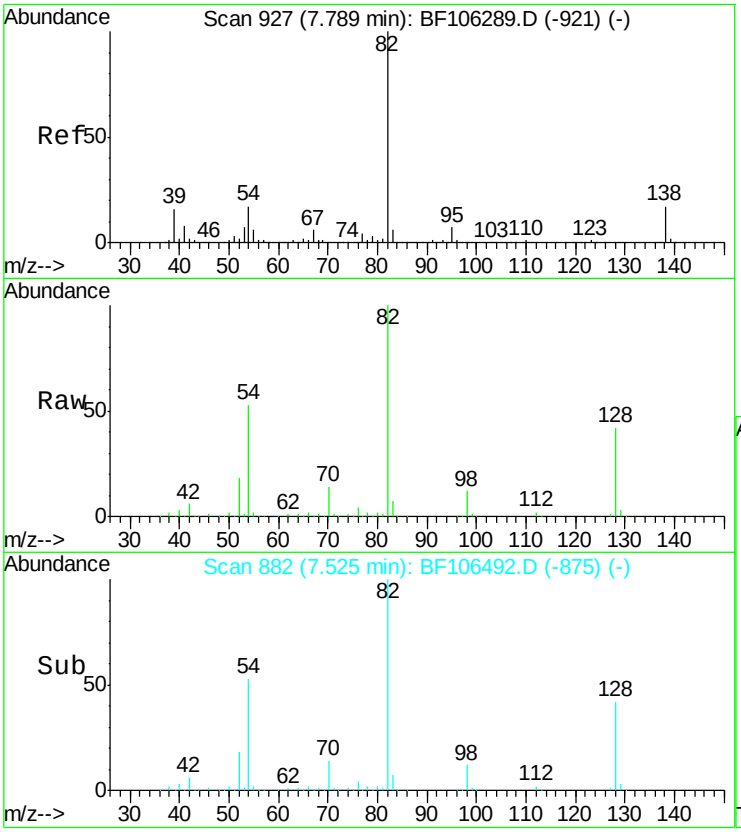


#23
Nitrobenzene-d5
Concen: 69.671 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion: 82 Resp: 486648

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	52.8	41.4	62.2



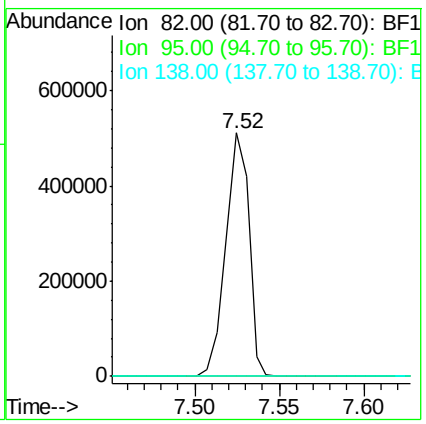


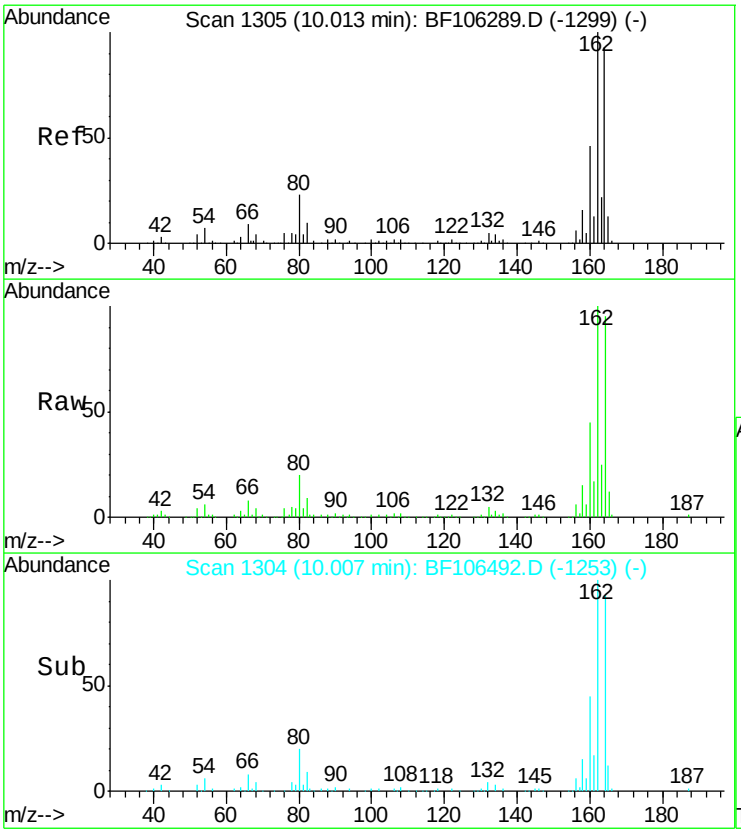
#25
Isophorone
Concen: 35.669 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion: 82 Resp: 486642

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

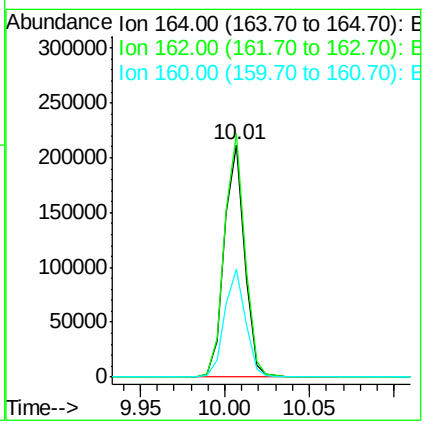


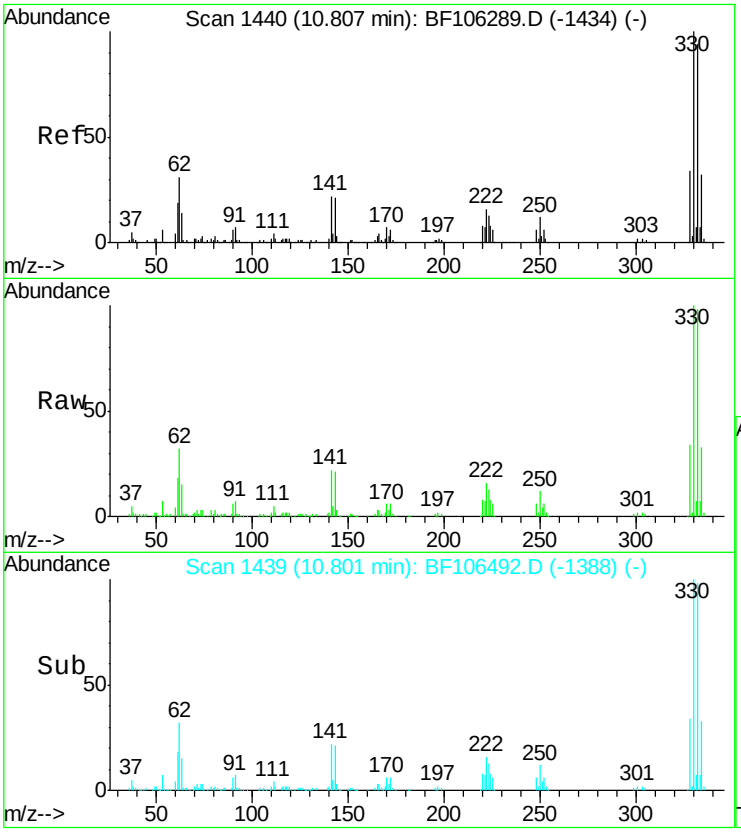


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:164 Resp: 176798

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.7	38.3	57.5



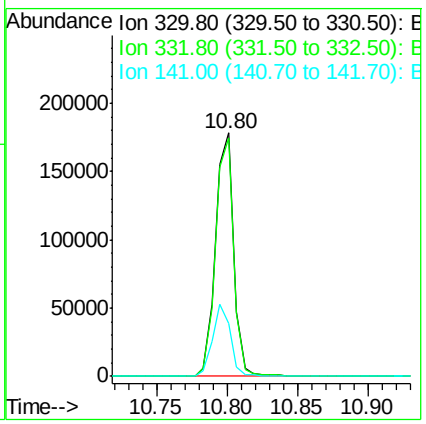


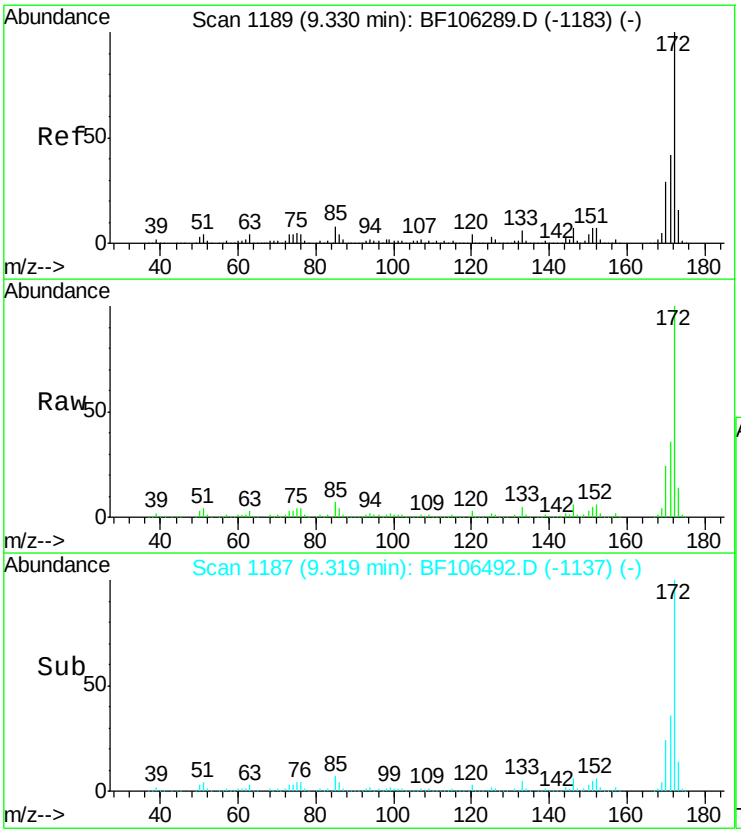
#41
2,4,6-Tribromophenol
Concen: 93.920 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:330 Resp: 159768

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.2	29.9	44.9#

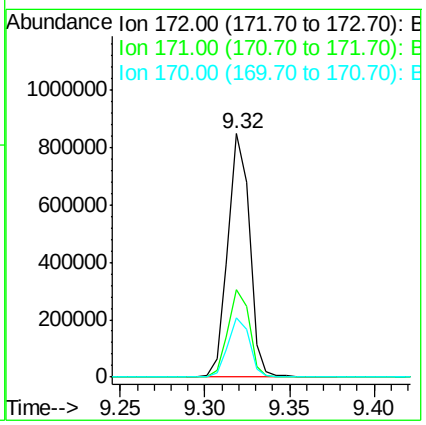


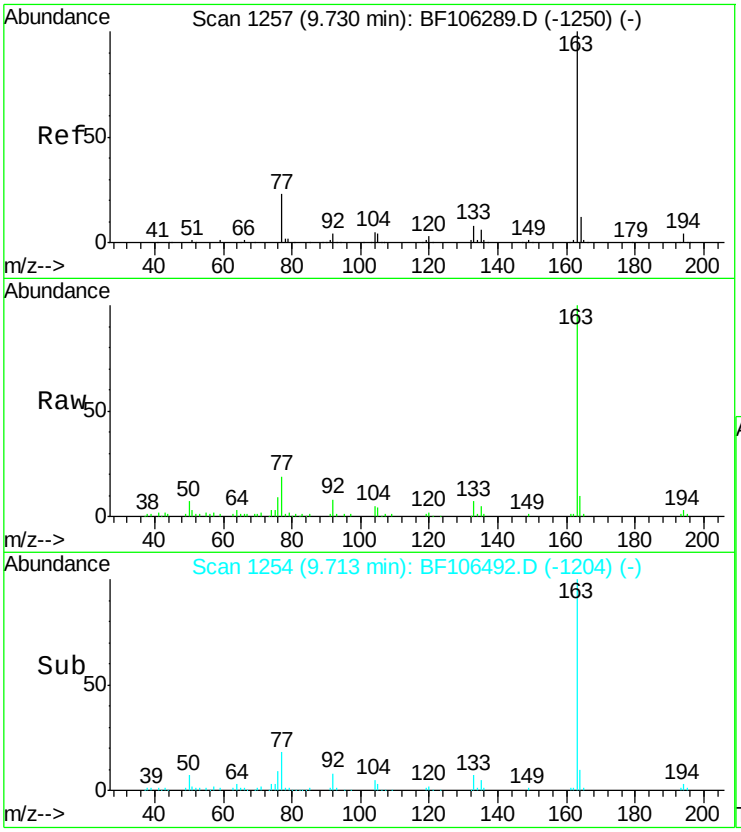


#44
2-Fluorobiphenyl
Concen: 72.532 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:172 Resp: 757494

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	19.6	29.4



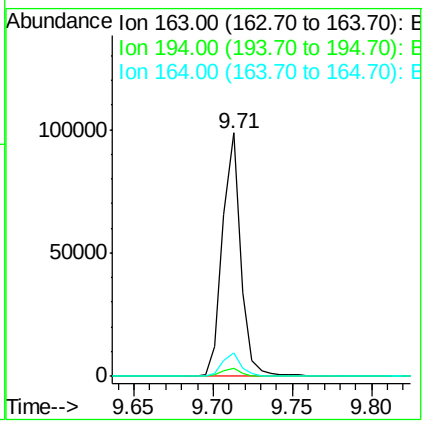


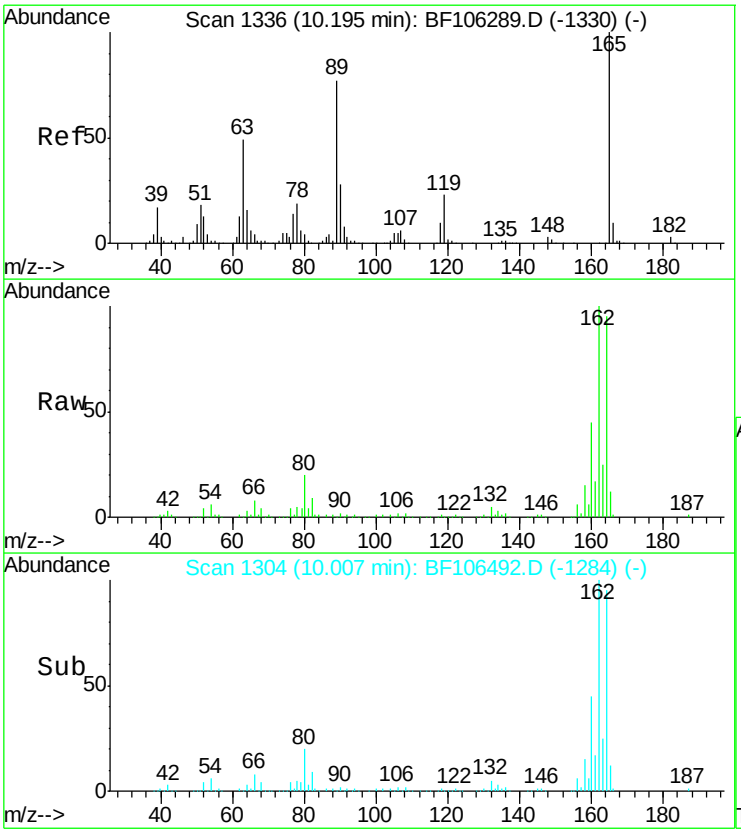
#49
Dimethylphthalate
Concen: 6.242 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:163 Resp: 78842

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

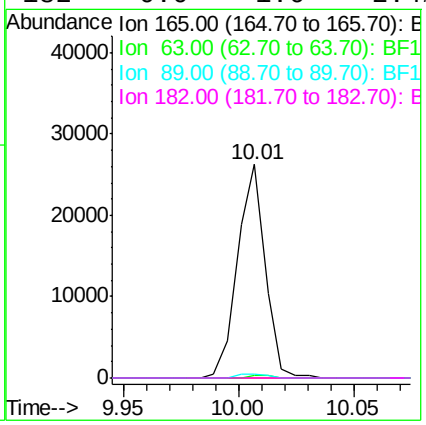


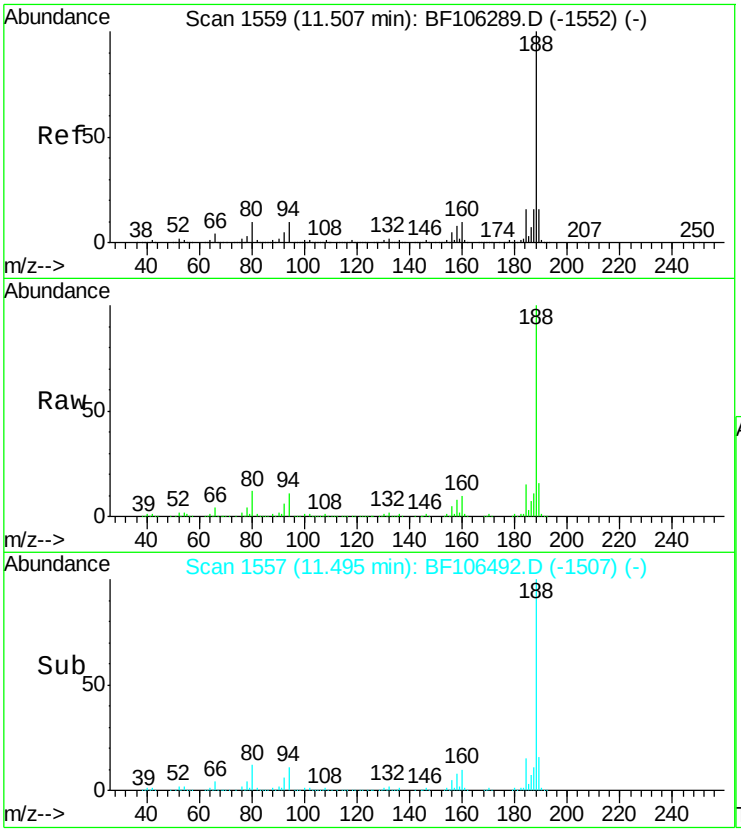


#56
2,4-Dinitrotoluene
Concen: 6.793 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:165 Resp: 22010

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



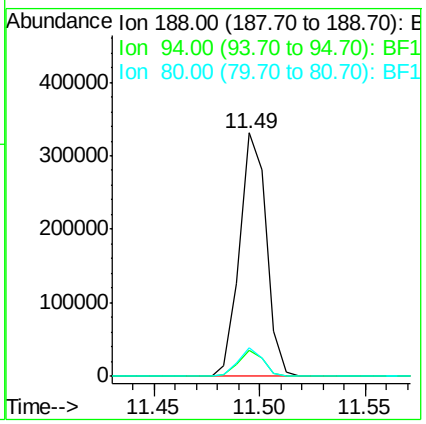


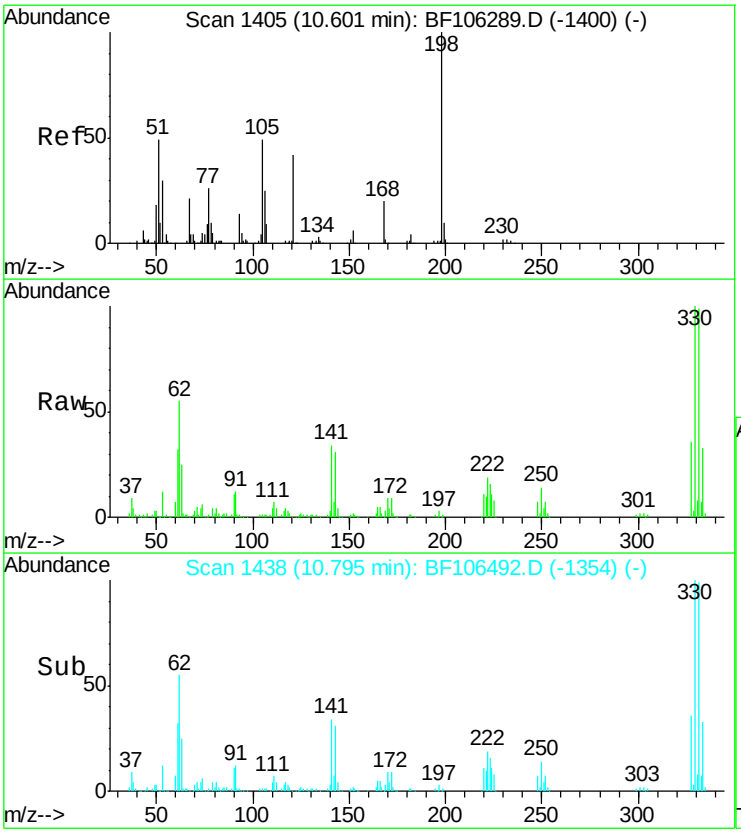
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:188 Resp: 289974

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	9.2	13.8

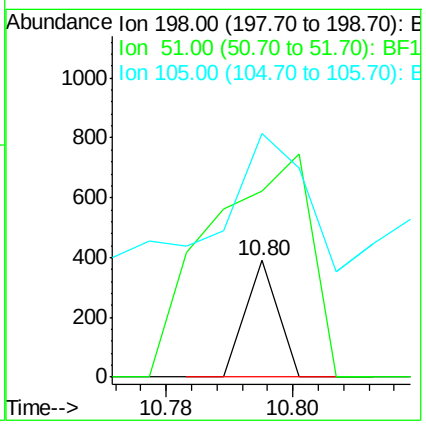


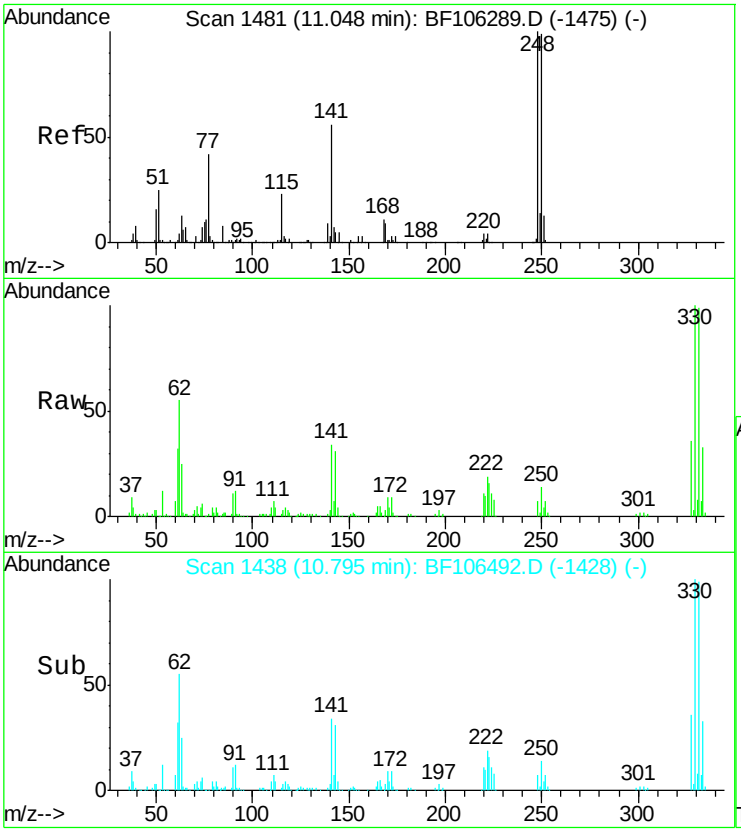


#64
4,6-Dinitro-2-methylphenol
Concen: 6.371 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:198 Resp: 138

Ion	Ratio	Lower	Upper
198	100		
51	159.6	37.7	77.7#
105	208.2	36.3	76.3#



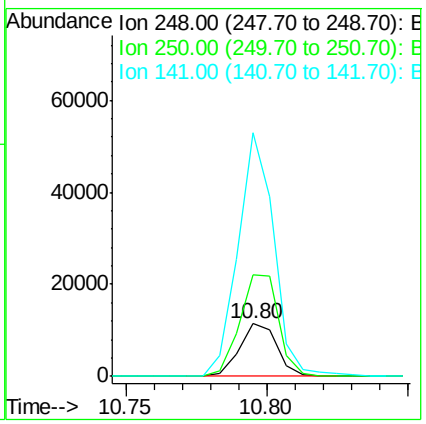


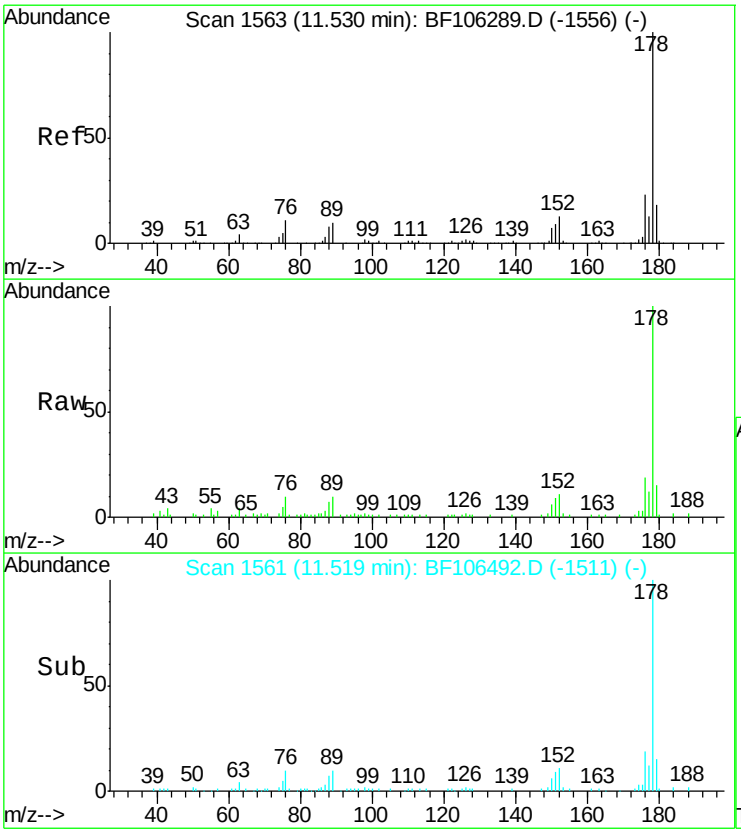
#66
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:248 Resp: 10482

Ion	Ratio	Lower	Upper
248	100		
250	191.9	76.9	115.3#
141	462.5	74.4	111.6#

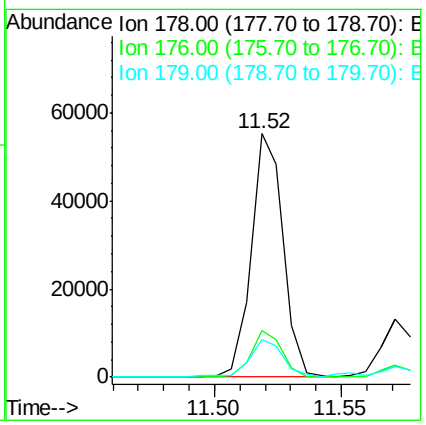


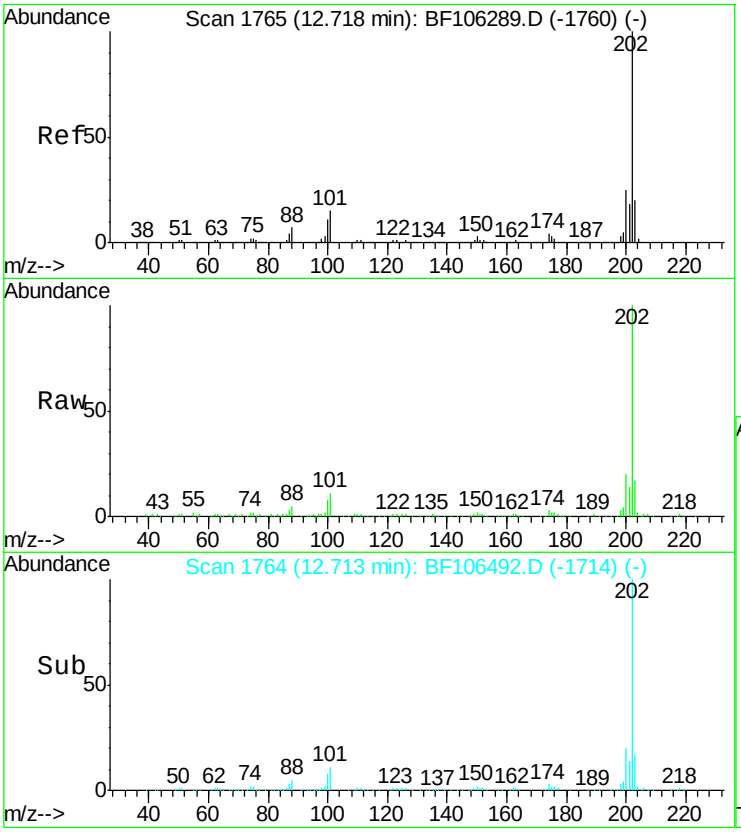


#70
Phenanthrene
Concen: 3.373 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:178 Resp: 47907

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6



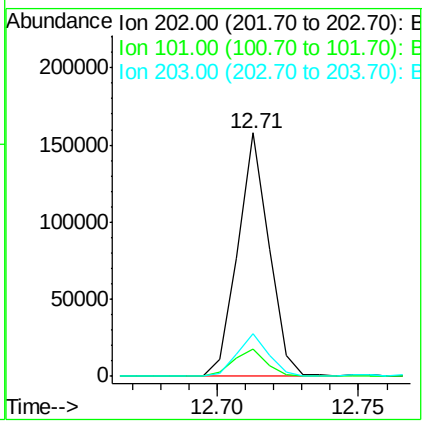


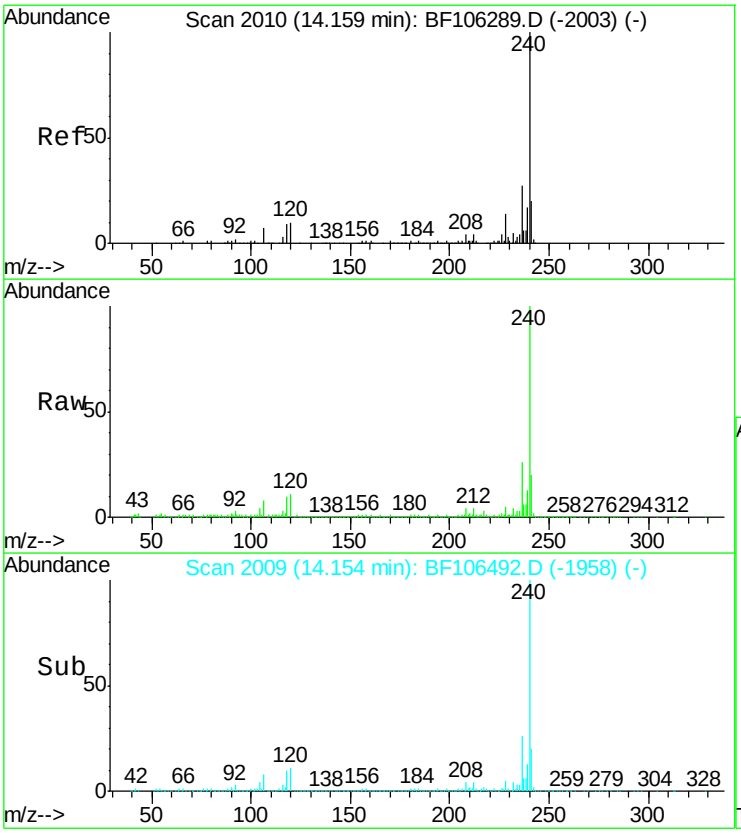
#74
Fluoranthene
Concen: 8.025 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:202 Resp: 121542

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.4	0.0	38.1

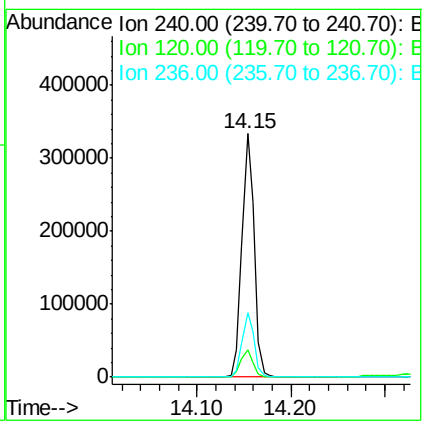


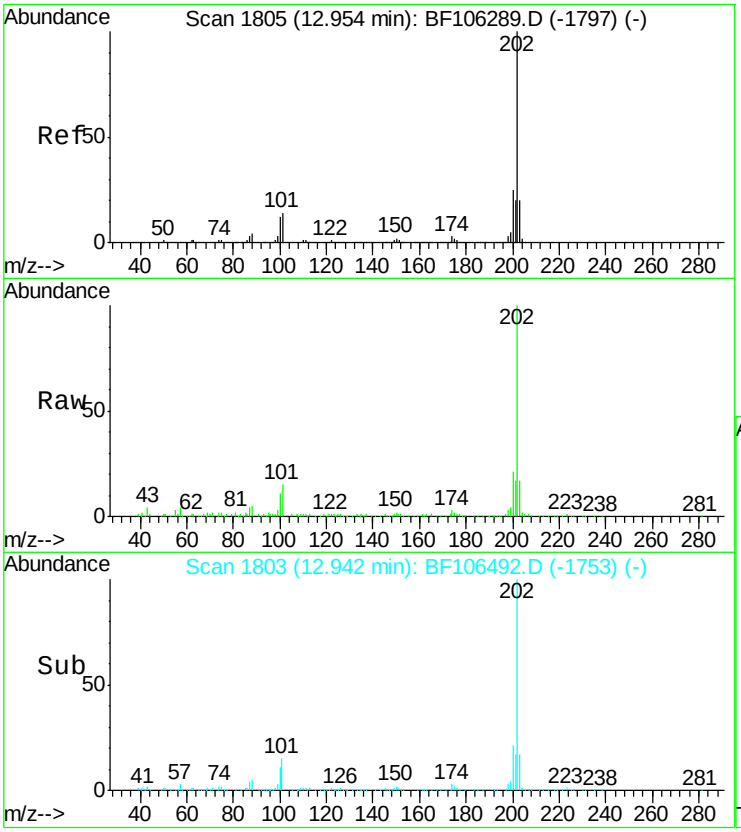


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:240 Resp: 303105

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.5	20.7	31.1



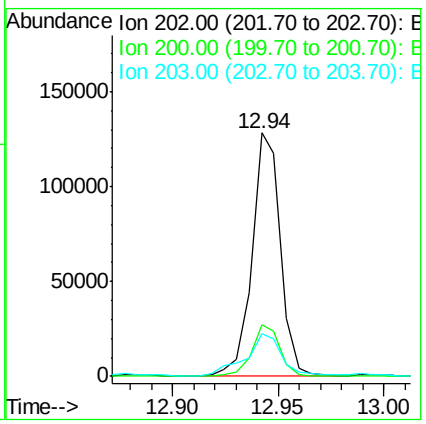


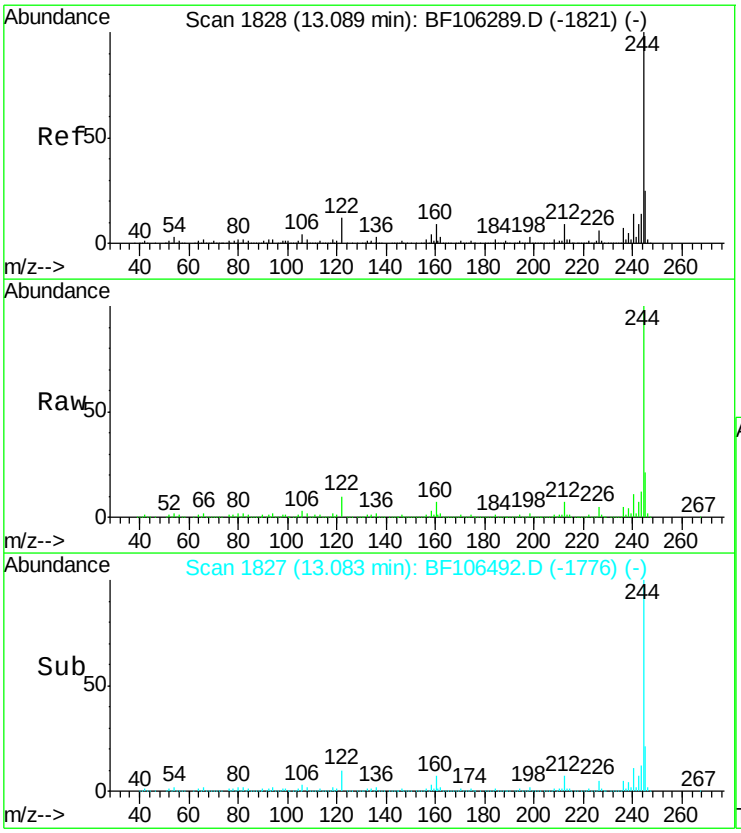
#77
Pyrene
Concen: 6.345 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:202 Resp: 120397

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

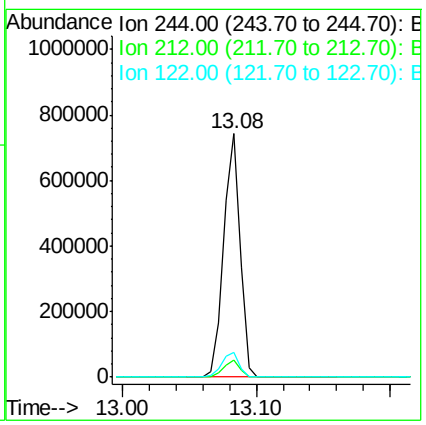


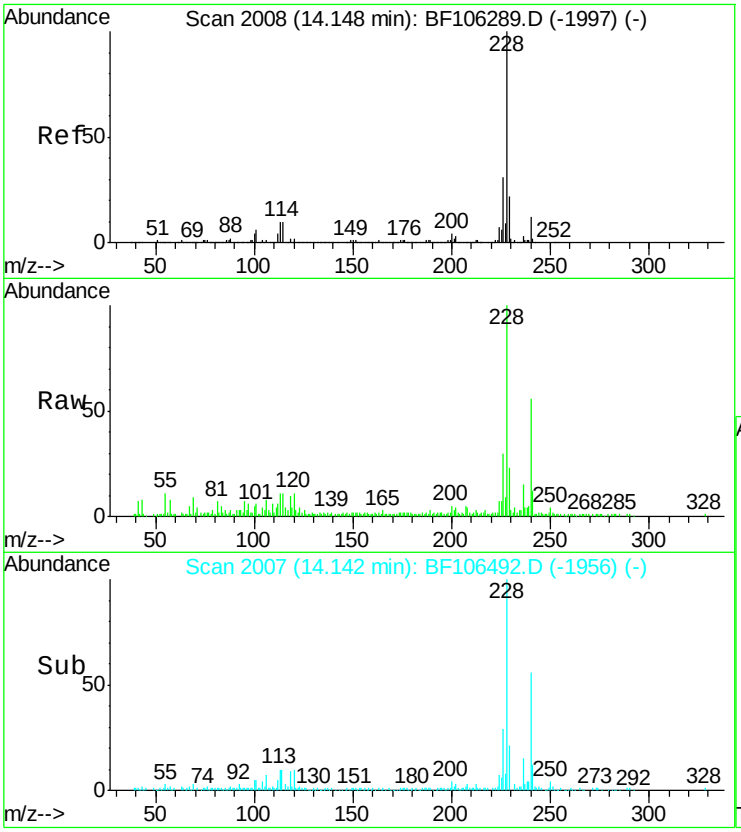


#78
Terphenyl-d14
Concen: 53.244 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:244 Resp: 649752

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.0	11.0	16.4#



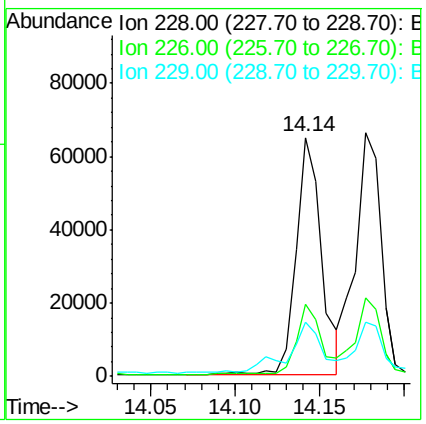


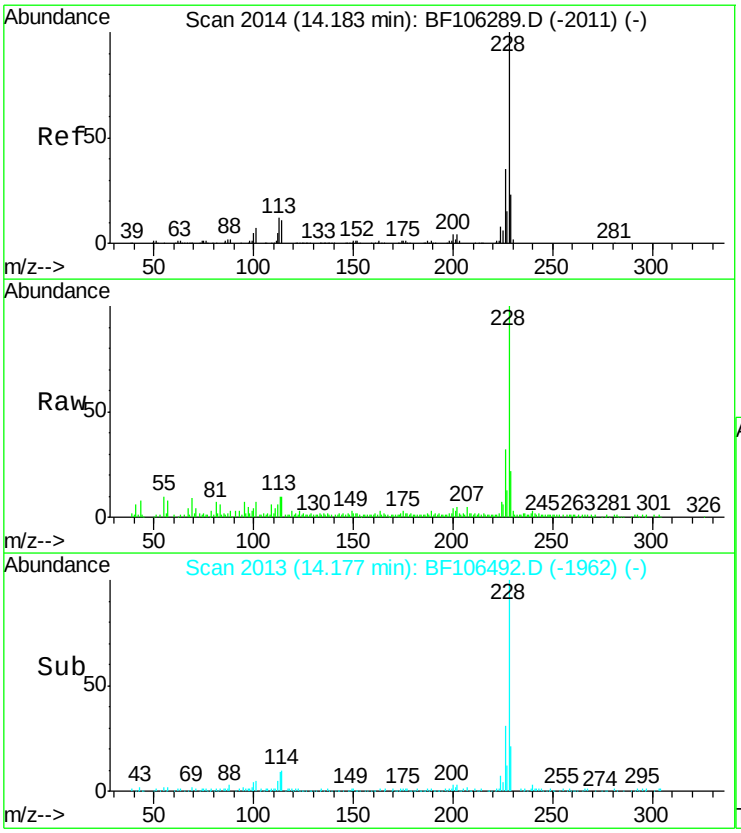
#80
Benzo(a)anthracene
Concen: 3.762 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:228 Resp: 67850

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.7	15.8	23.6

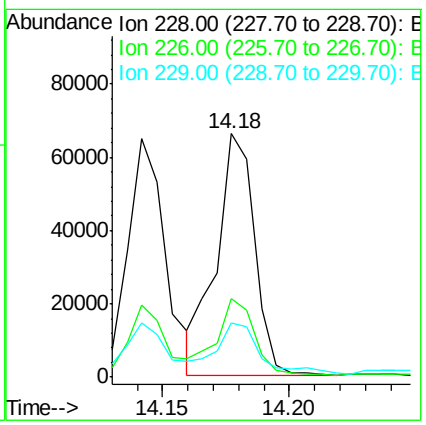


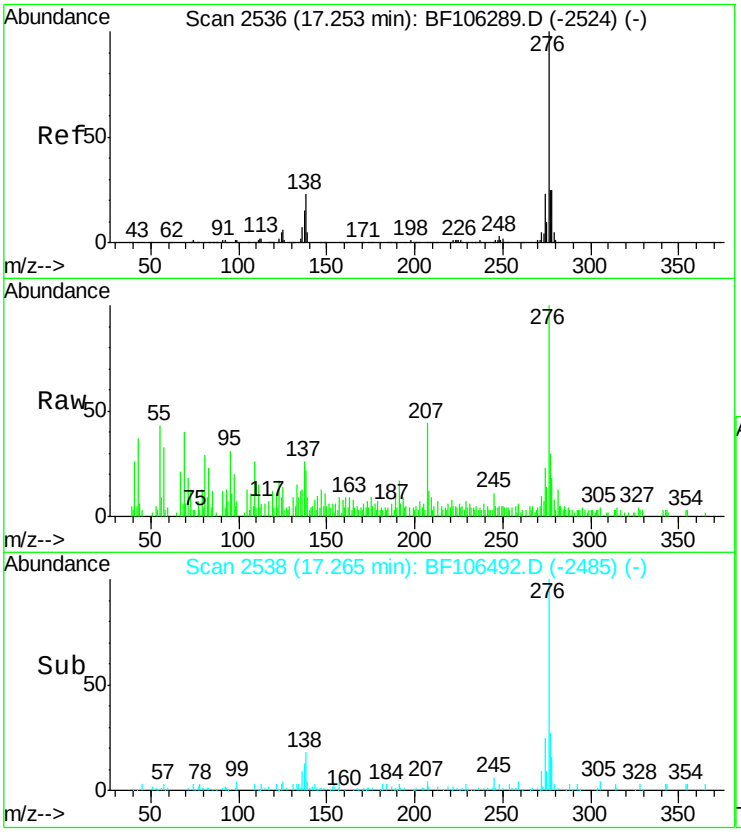


#82
Chrysene
Concen: 4.204 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:228 Resp: 69240

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	22.3	16.2	24.4



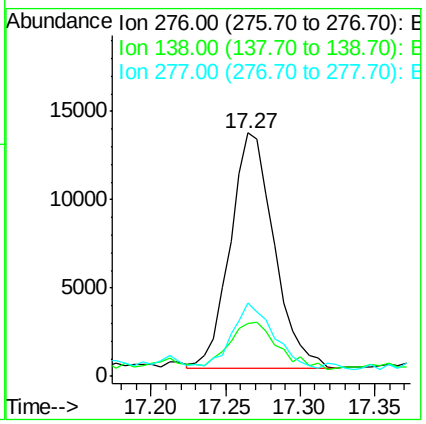


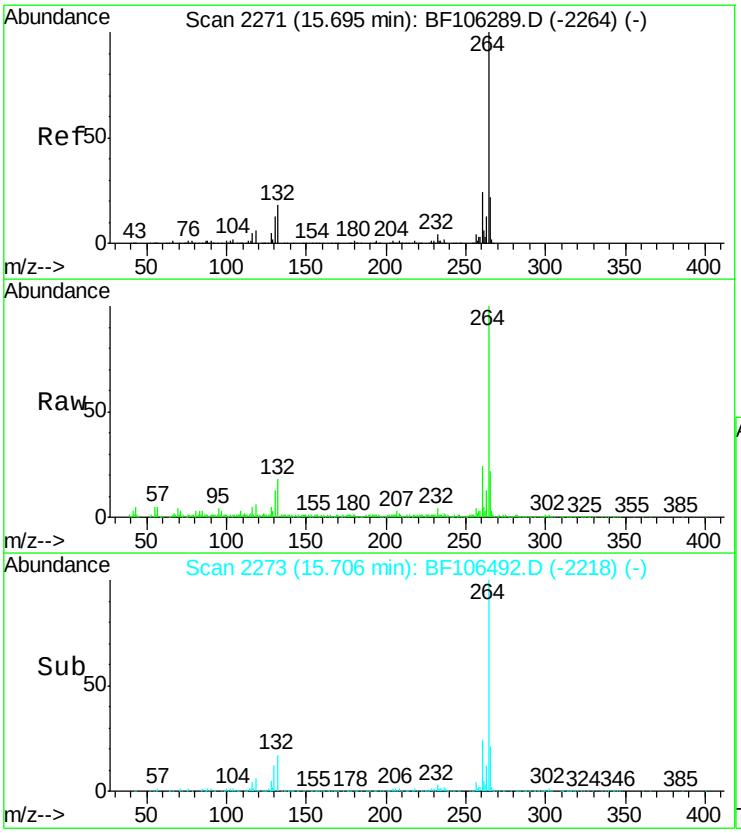
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:276 Resp: 27252

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	26.7	20.1	30.1

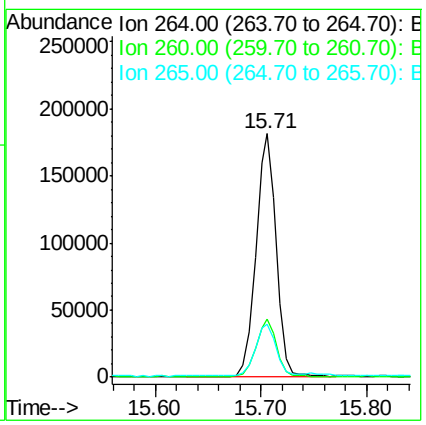


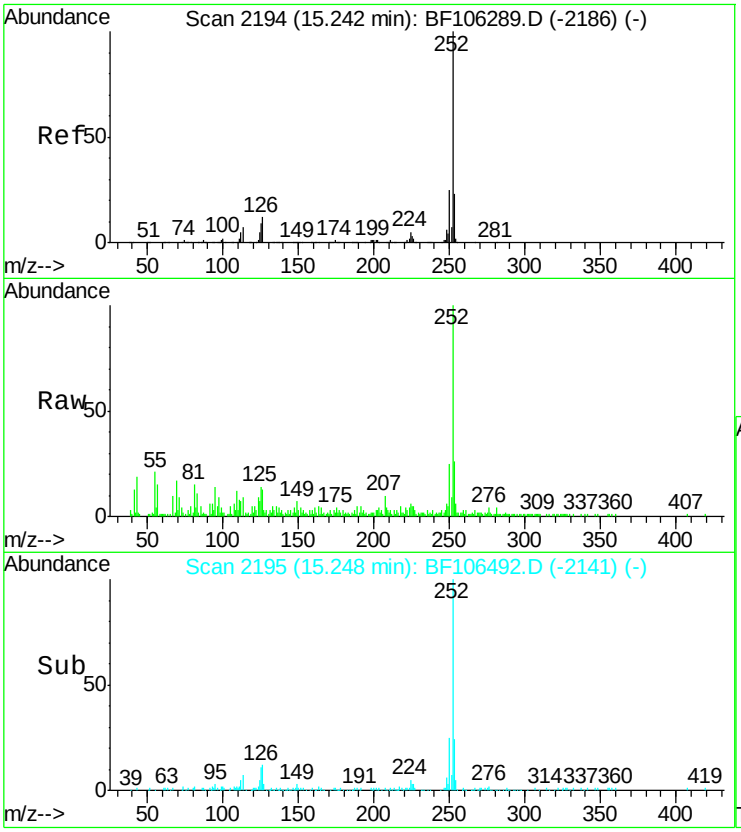


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:264 Resp: 241878

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3



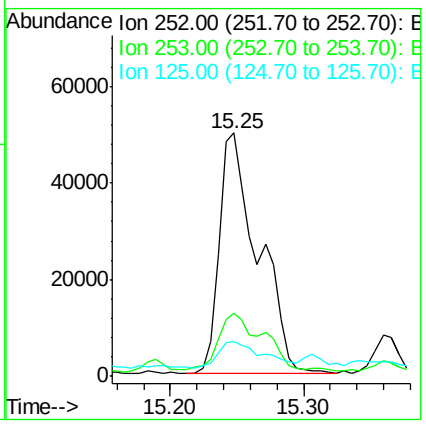


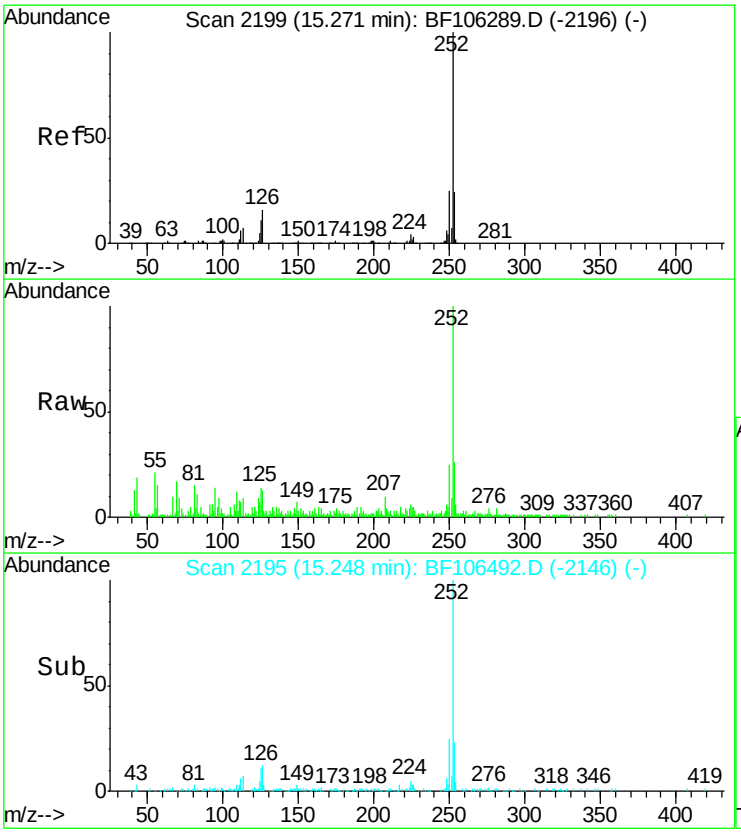
#87
Benzo(b)fluoranthene
Concen: 6.976 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:252 Resp: 101996

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	14.4	9.0	13.6#

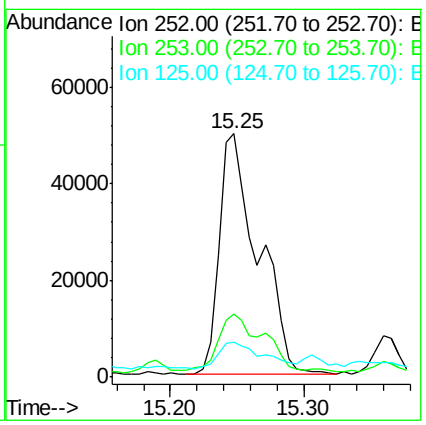


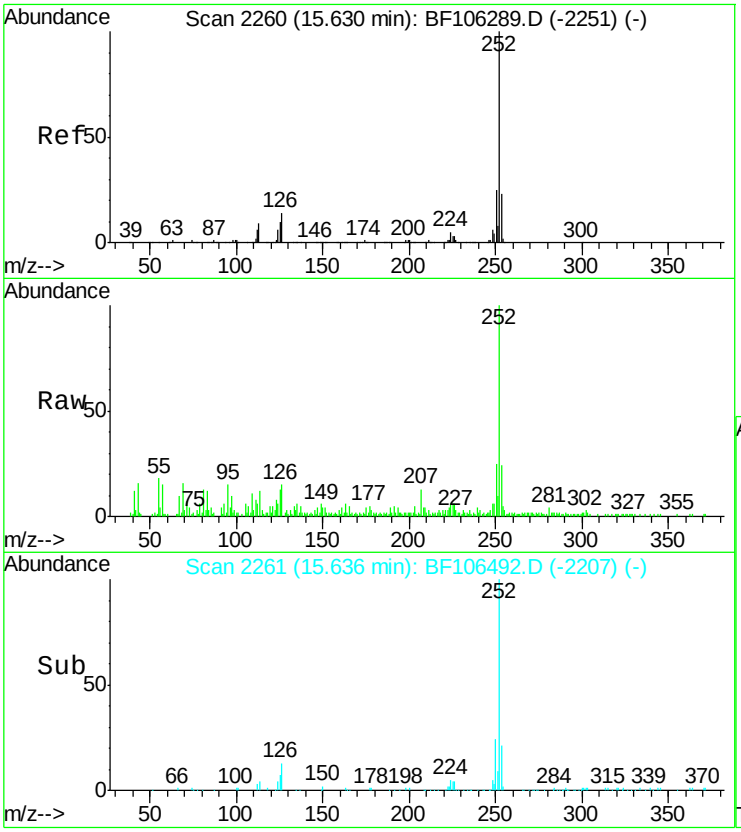


#88
Benzo(k)fluoranthene
Concen: 7.044 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:252 Resp: 101996

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	14.4	10.2	15.2



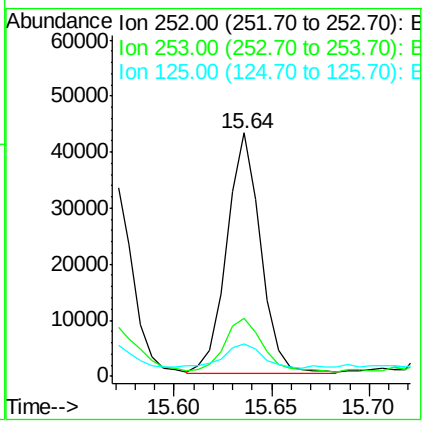


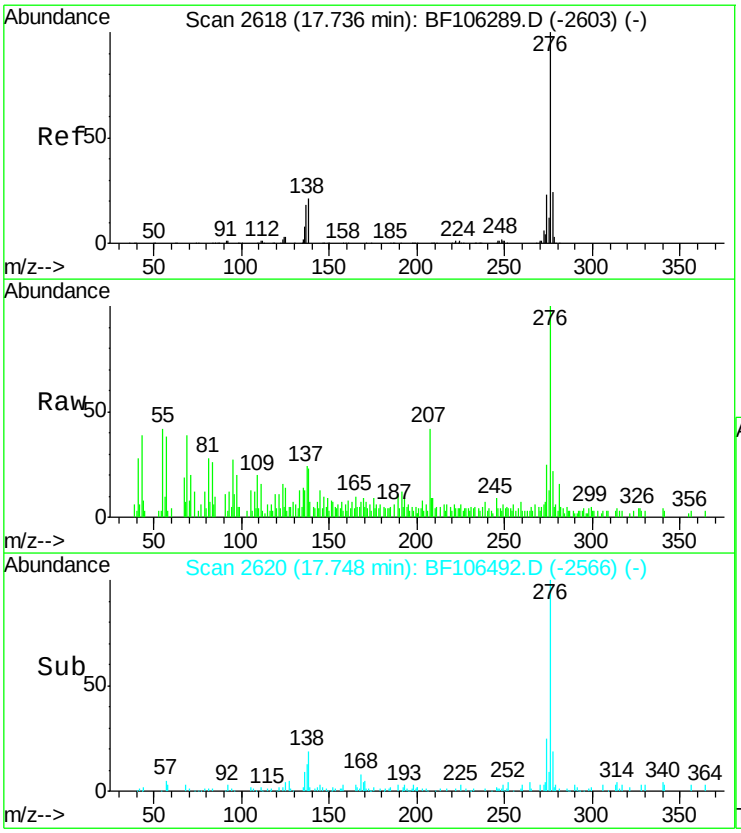
#89
Benzo(a)pyrene
Concen: 3.888 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tgt Ion:252 Resp: 51128

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	13.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.787 ng
RT: 17.75 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion:276 Resp: 29691

Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	22.5	21.8	32.8