Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106941.D
Acq On : 29 Jun 2018 00:30
Operator : JU/SJ
Sample : J3048-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-D

Quant Time: Jun 29 01:13:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61763	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	211420	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	86259	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	148003	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	197668	20.00	ng		-0.03
86) Perylene-d12	15.67	264	182308	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	104859	28.75	ng		0.00
7) Phenol-d6	6.60	99	355356	78.02	ng		-0.02
23) Nitrobenzene-d5	7.52	82	320392	84.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	13984	13.99	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	402320	77.67	ng		-0.02
78) Terphenyl-d14	13.07	244	450329	55.19	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.61	94	18958	3.647	ng		99
17) 2-Methylphenol	7.36	107	40996	11.975	ng	#	72
19) n-Nitroso-di-n-propylamine	7.52	70	41804	13.923	ng	#	72
20) 3+4-Methylphenols	7.36	107	40996	8.549	ng		88
25) Isophorone	7.52	82	320389	47.792	ng	#	64
32) Benzoic acid	8.02	122	455	5.925	ng	#	1
49) Dimethylphthalate	9.70	163	130943	20.240	ng		99
56) 2,4-Dinitrotoluene	9.99	165	10653	5.958	ng	#	21
70) Phenanthrene	11.51	178	33503	4.693	ng		96
74) Fluoranthene	12.70	202	71452	9.081	ng		96
77) Pyrene	12.94	202	68365	5.245	ng		97
80) Benzo(a)anthracene	14.12	228	49850	4.138	ng		97
82) Chrysene	14.16	228	44451	4.011	ng		97
87) Benzo(b)fluoranthene	15.21	252	70397	6.216	ng		95
88) Benzo(k)fluoranthene	15.21	252	70397	6.528	ng		96
89) Benzo(a)pyrene	15.60	252	38084	3.783	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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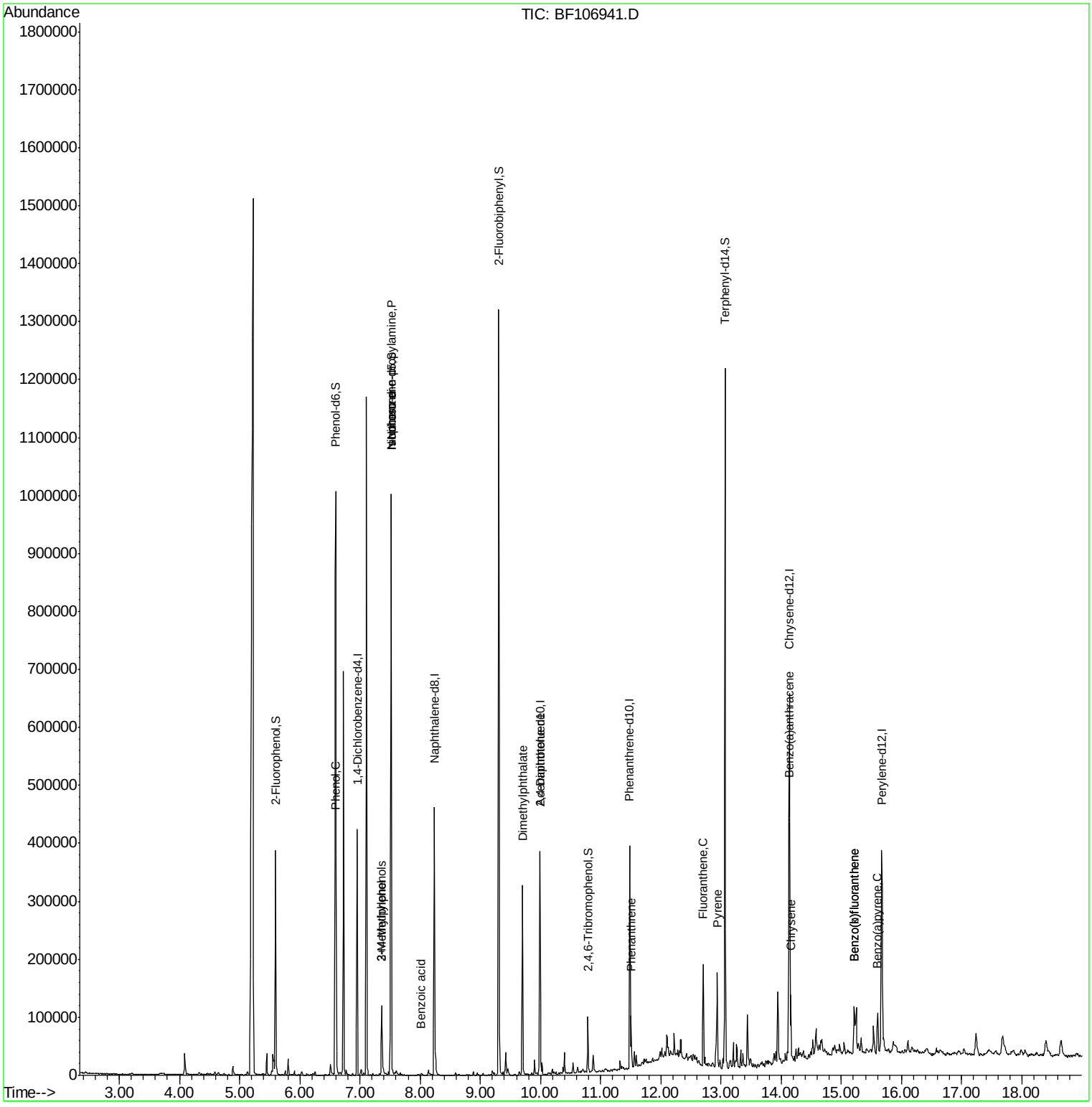
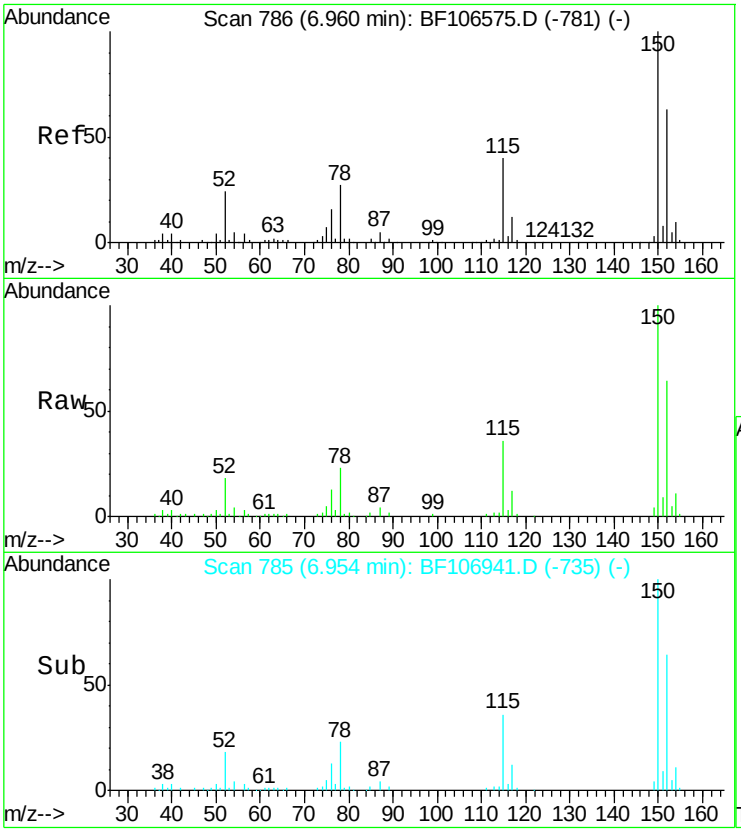


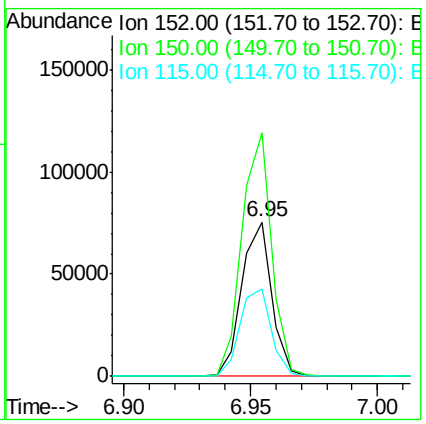


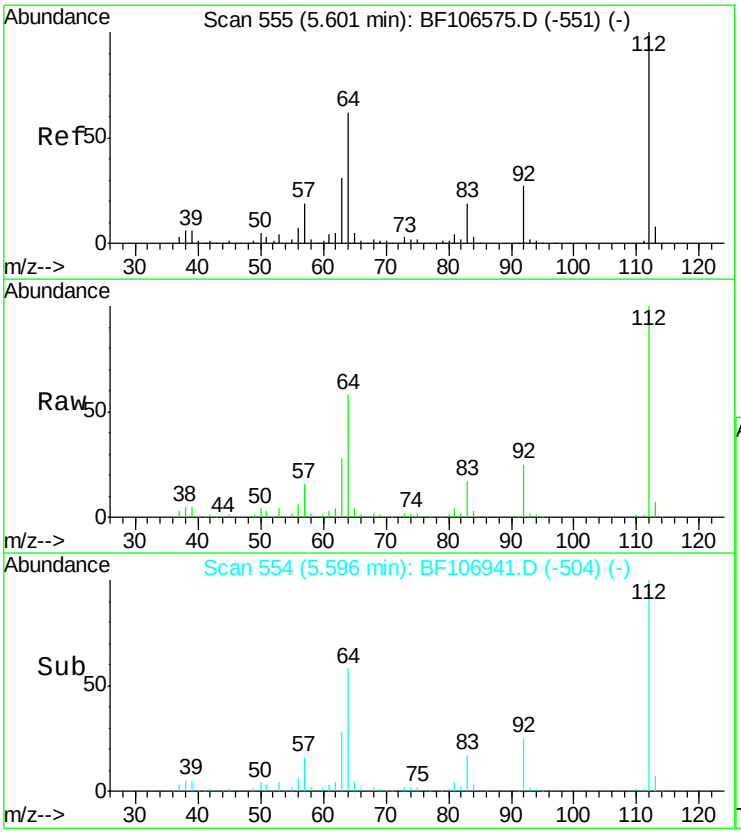
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:152 Resp: 61763

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	56.8	50.1	75.1

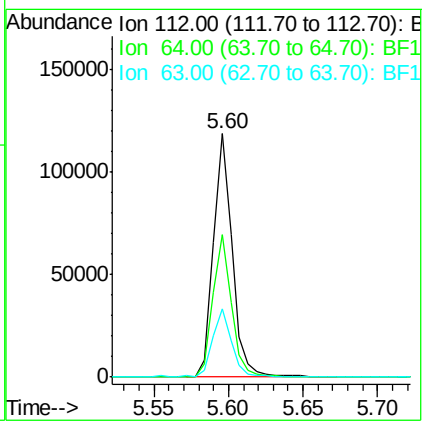


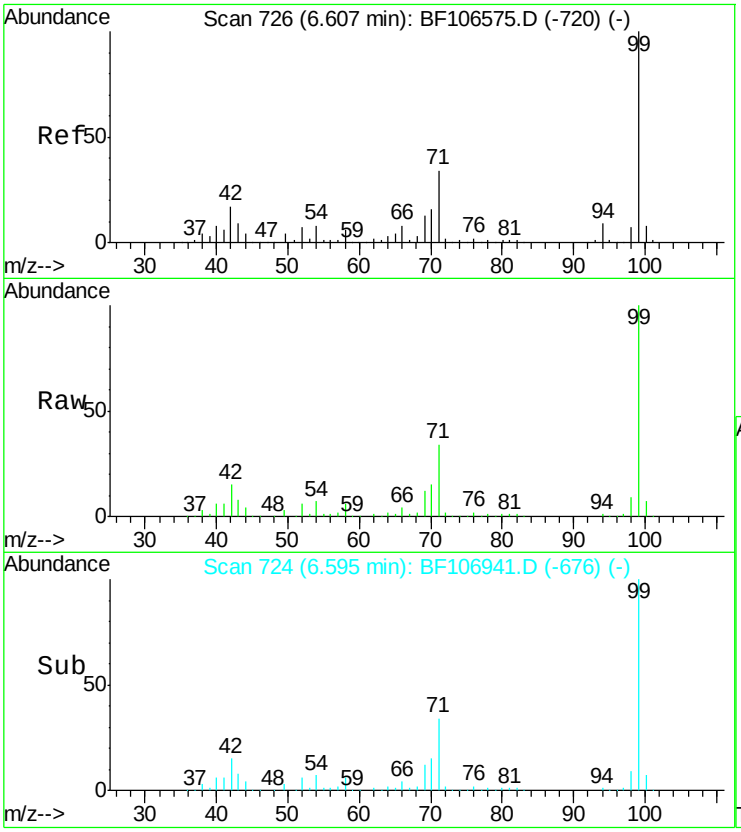


#5
2-Fluorophenol
Concen: 28.749 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:112 Resp: 104859

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	27.8	23.7	35.5



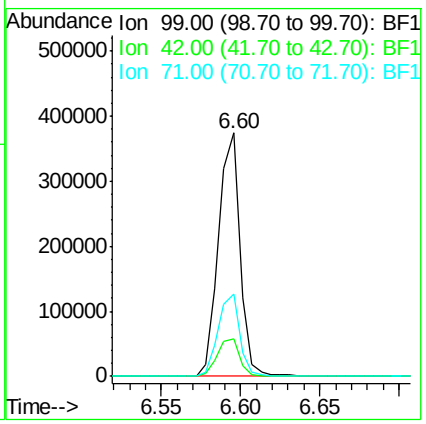


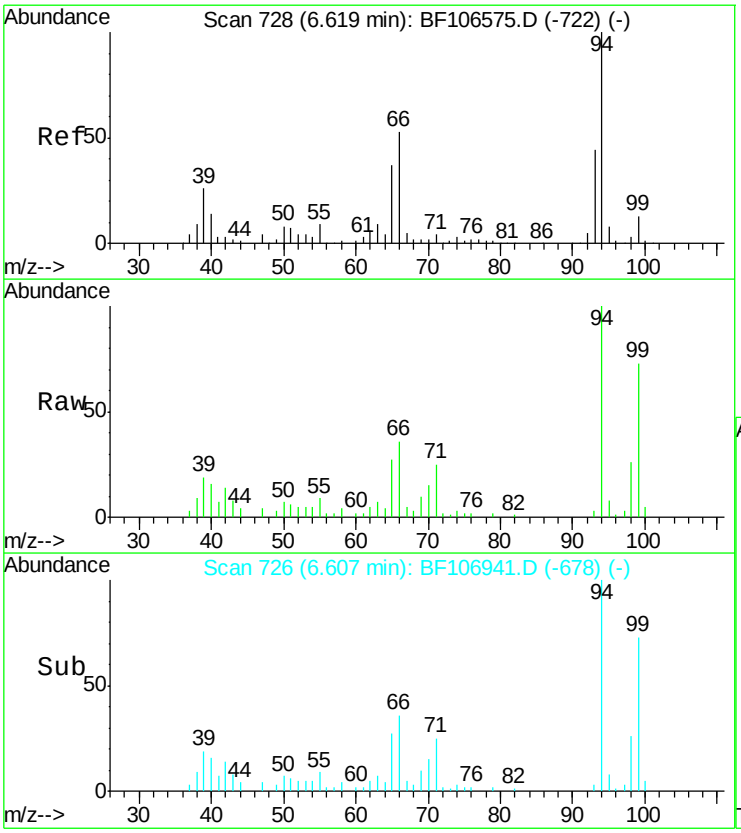
#7
Phenol-d6
Concen: 78.015 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion: 99 Resp: 355356

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.6	25.4	38.0

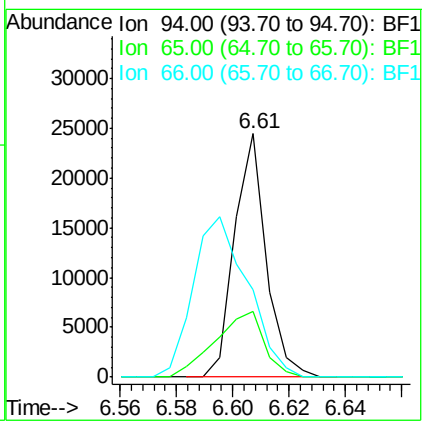


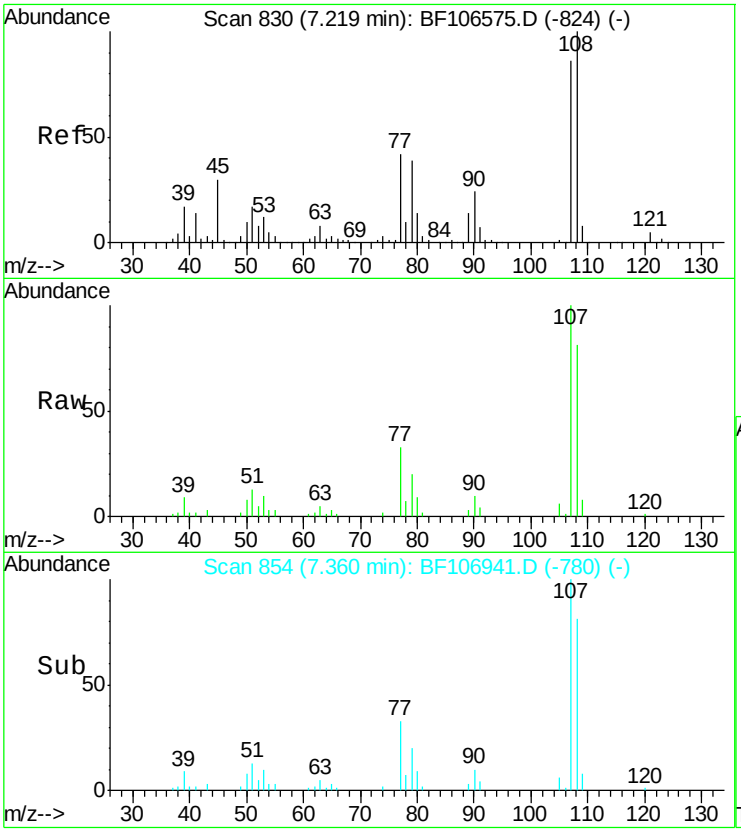


#10
Phenol
Concen: 3.647 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion: 94 Resp: 18958

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	35.8	16.2	56.2



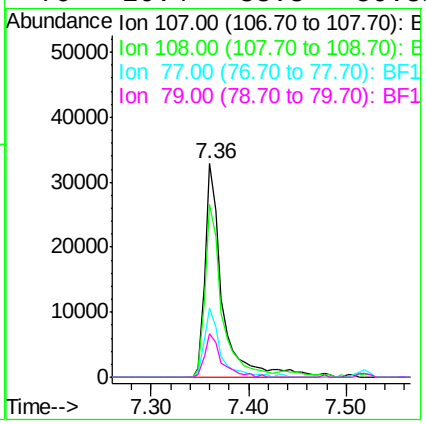


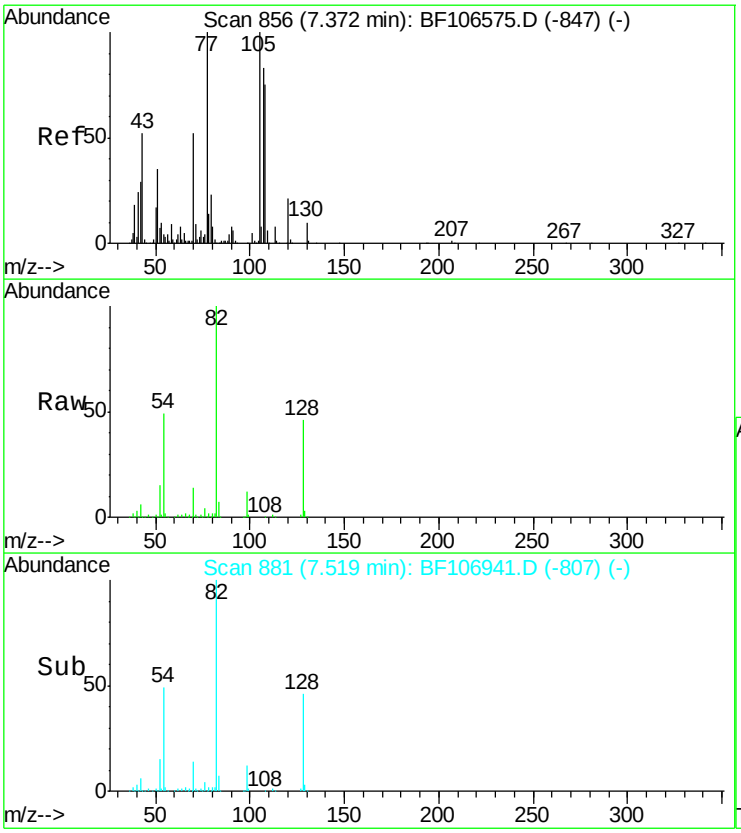
#17
2-Methylphenol
Concen: 11.975 ng
RT: 7.36 min Scan# 854
Delta R.T. 0.14 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:107 Resp: 40996

Ion	Ratio	Lower	Upper
107	100		
108	80.9	91.7	137.5#
77	32.6	33.8	50.8#
79	20.4	33.8	50.8#

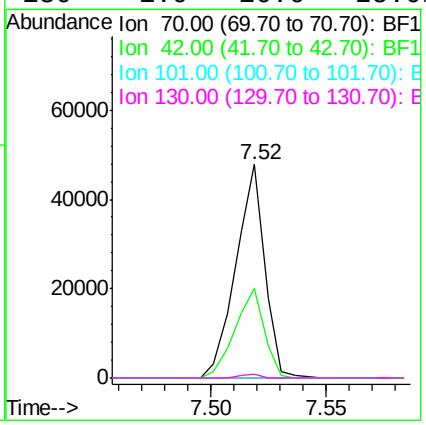


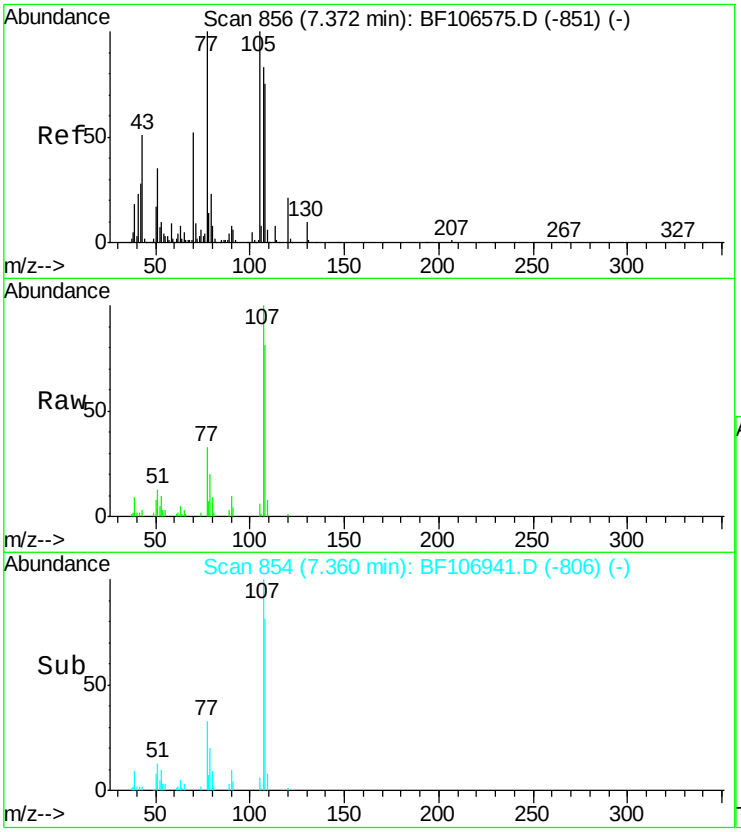


#19
n-Nitroso-di-n-propylamine
Concen: 13.923 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion: 70 Resp: 41804

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



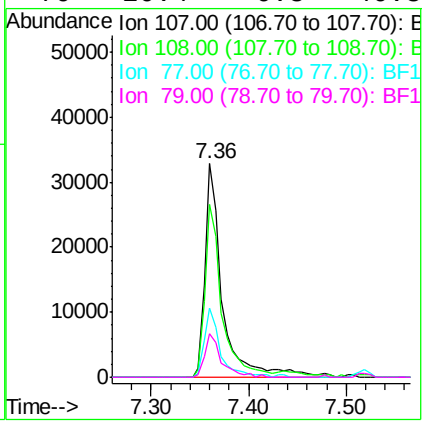


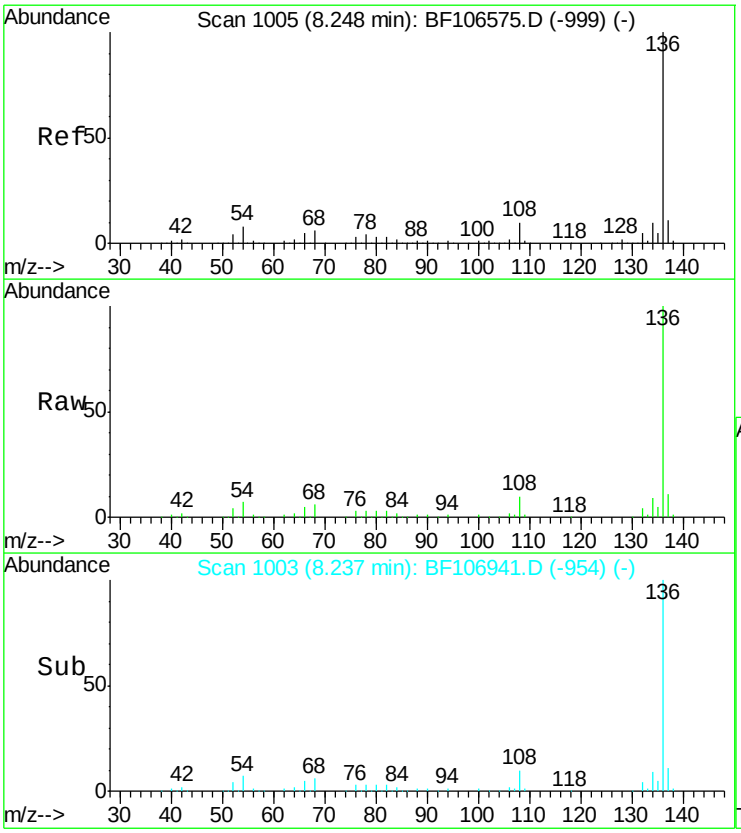
#20
3+4-Methylphenols
Concen: 8.549 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:107 Resp: 40996

Ion	Ratio	Lower	Upper
107	100		
108	80.9	68.2	108.2
77	32.6	26.7	66.7
79	20.4	6.3	46.3

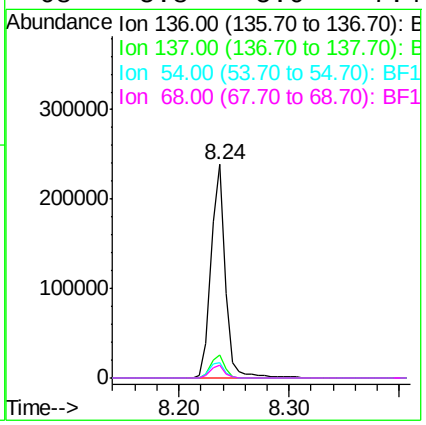


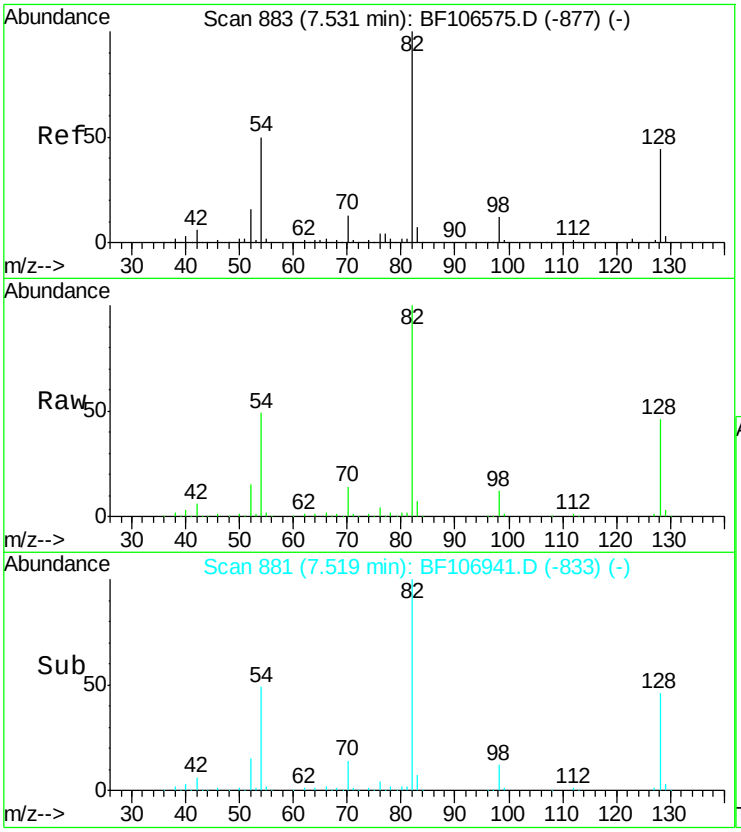


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:136 Resp: 211420

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4



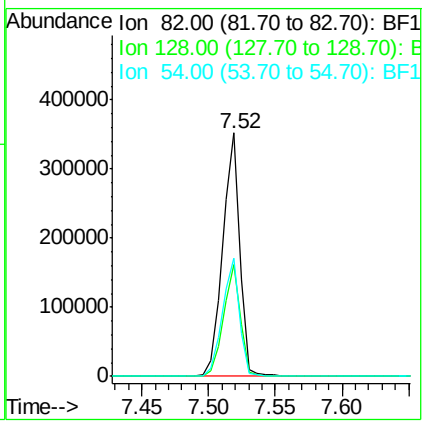


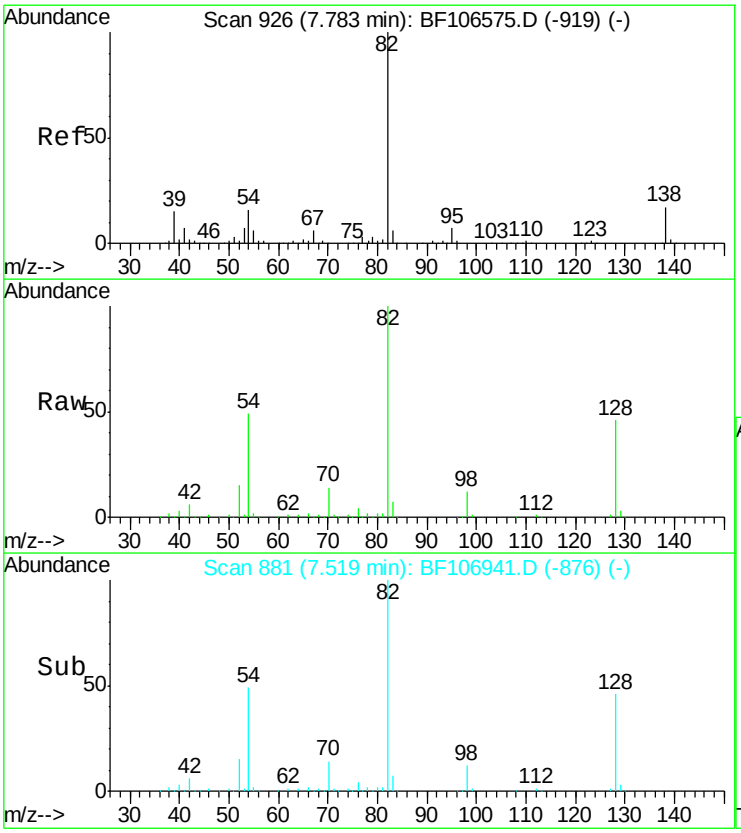
#23
Nitrobenzene-d5
Concen: 84.218 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion: 82 Resp: 320392

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	48.6	41.4	62.2

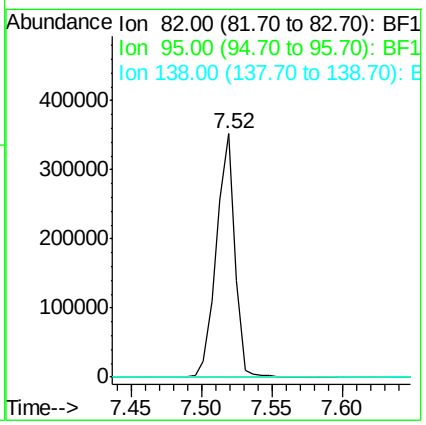


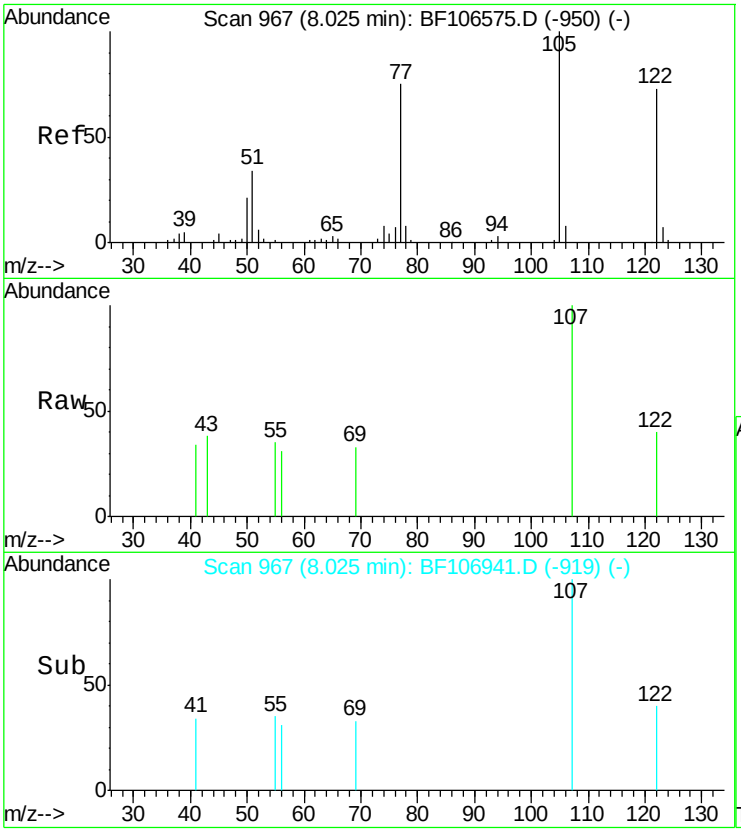


#25
Isophorone
Concen: 47.792 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion: 82 Resp: 320389

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



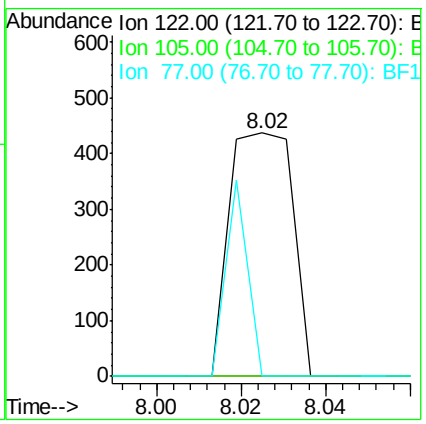


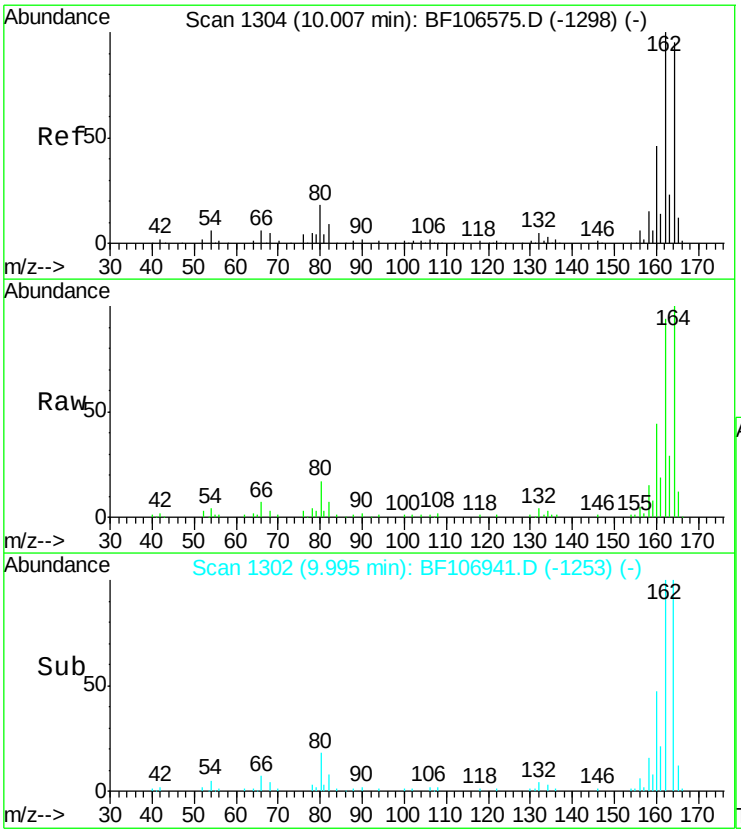
#32
Benzoic acid
Concen: 5.925 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:122 Resp: 455

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

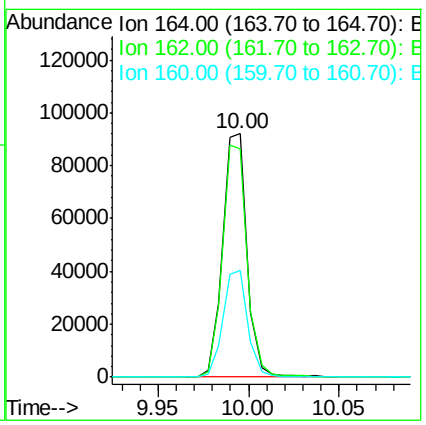


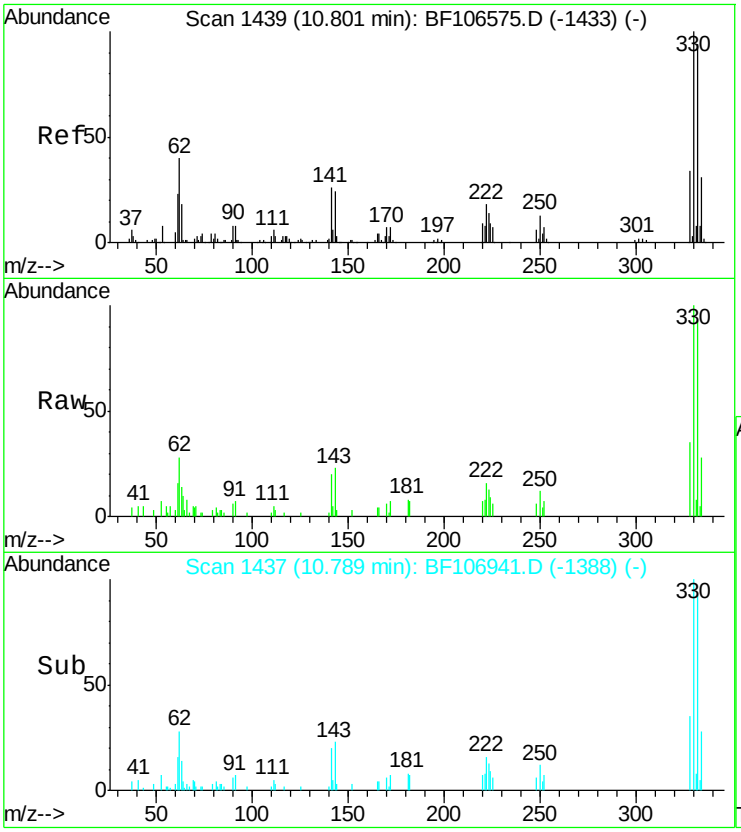


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:164 Resp: 86259

Ion	Ratio	Lower	Upper
164	100		
162	93.8	86.1	129.1
160	43.7	38.3	57.5



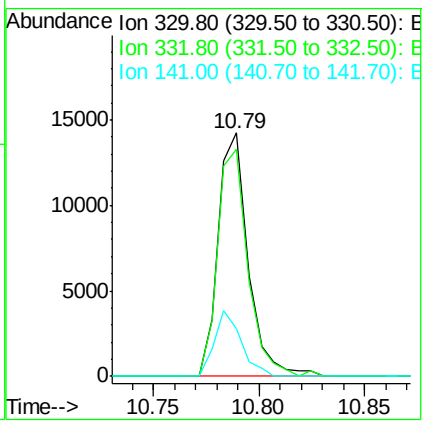


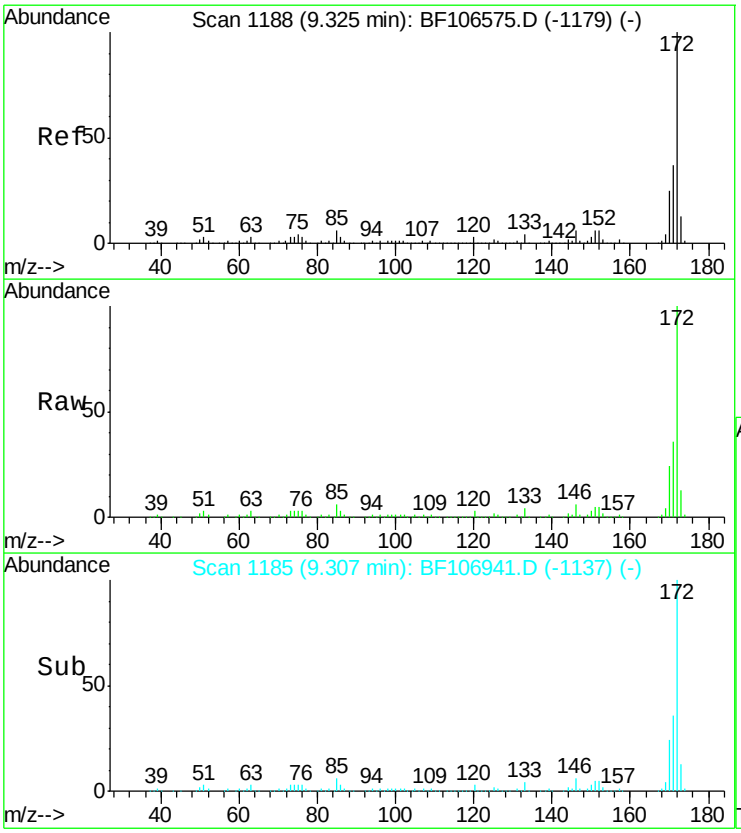
#41
2,4,6-Tribromophenol
Concen: 13.987 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:330 Resp: 13984

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	24.2	29.9	44.9#

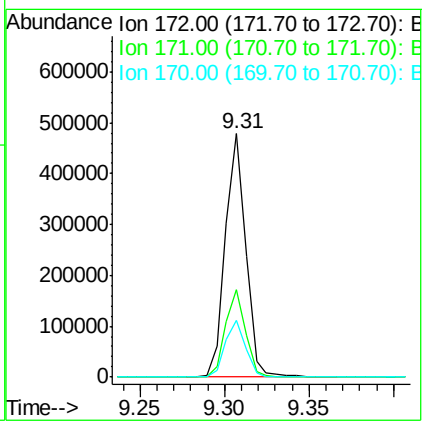


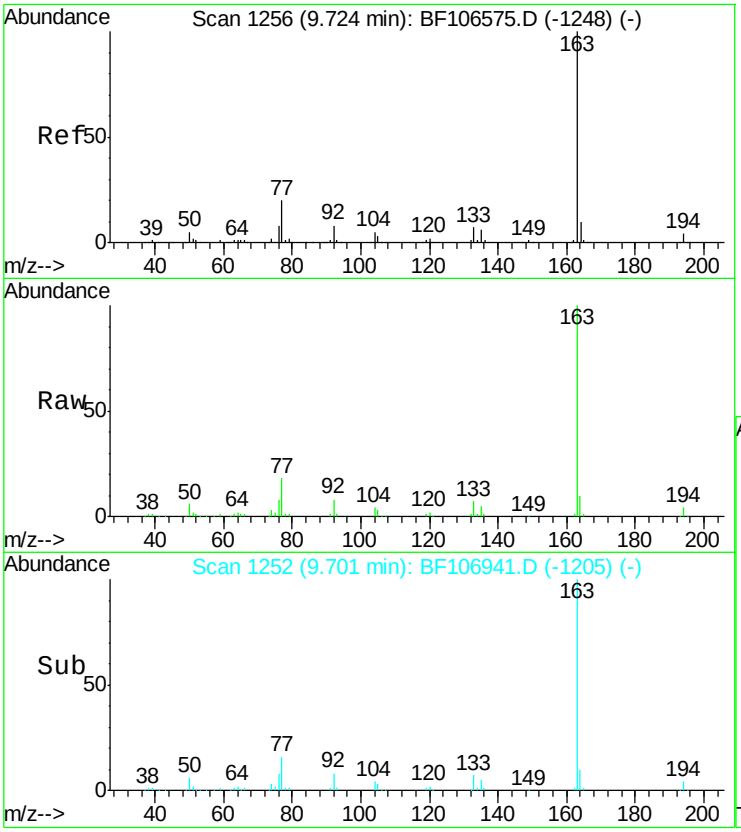


#44
2-Fluorobiphenyl
Concen: 77.674 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:172 Resp: 402320

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4



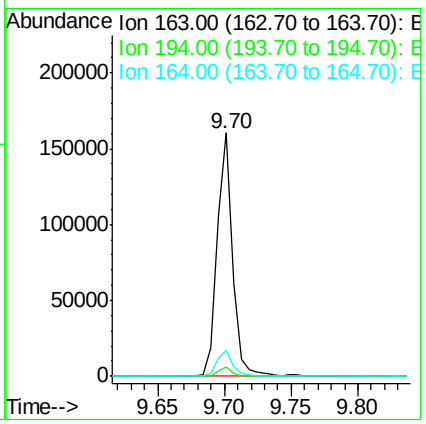


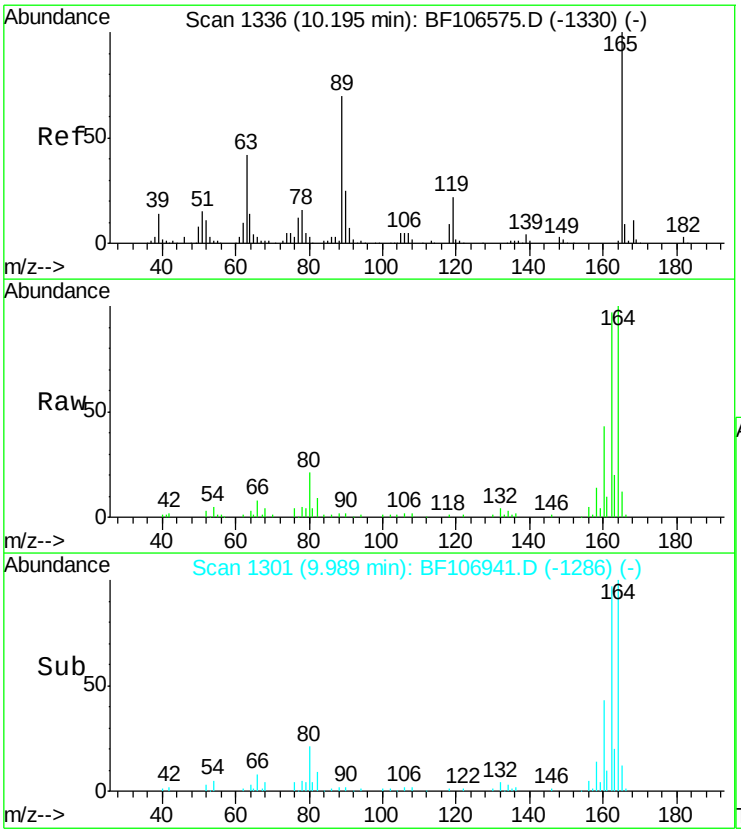
#49
Dimethylphthalate
Concen: 20.240 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:163 Resp: 130943

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

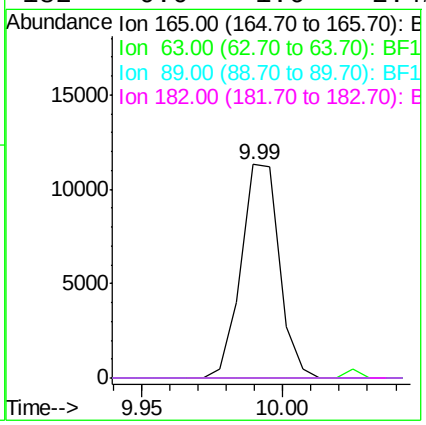


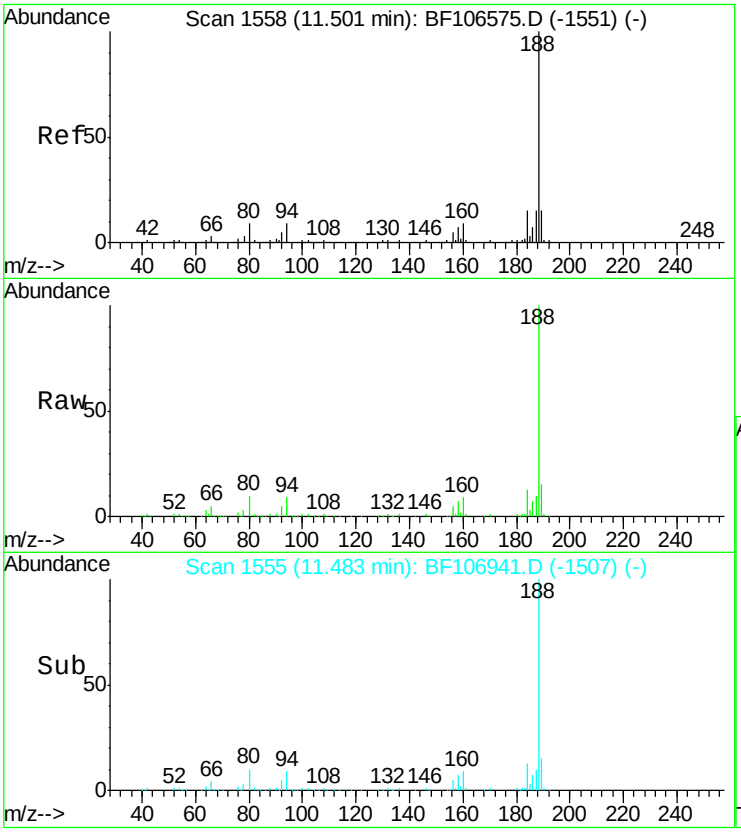


#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:165 Resp: 10653

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



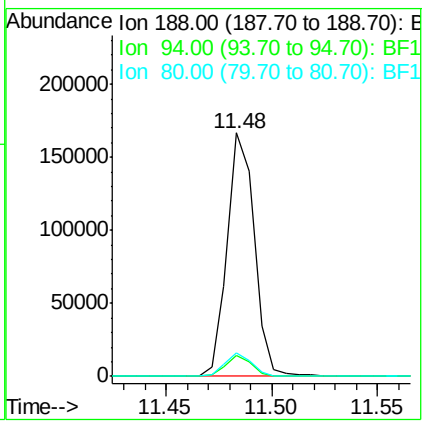


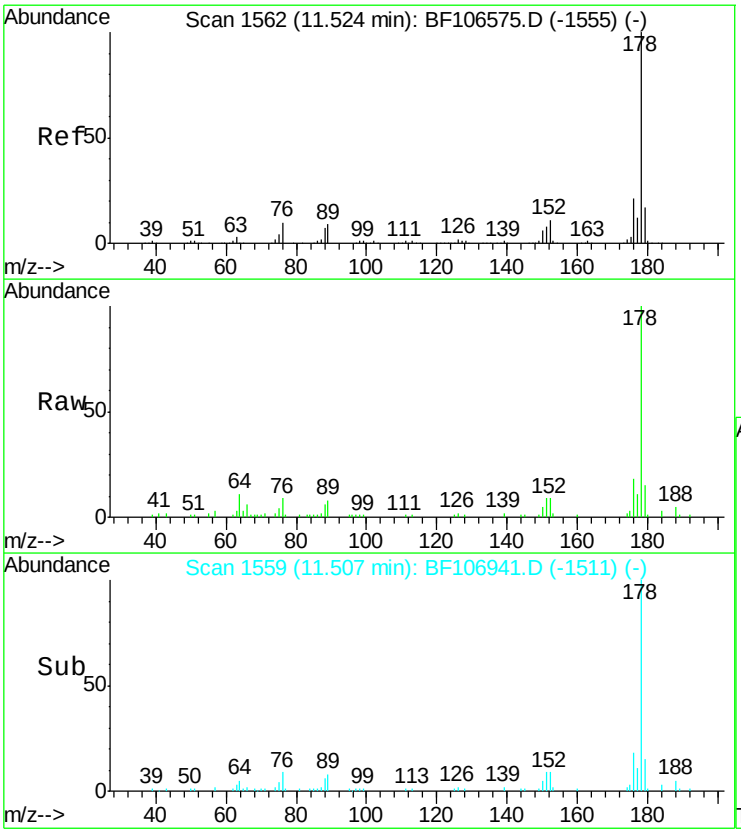
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:188 Resp: 148003

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8

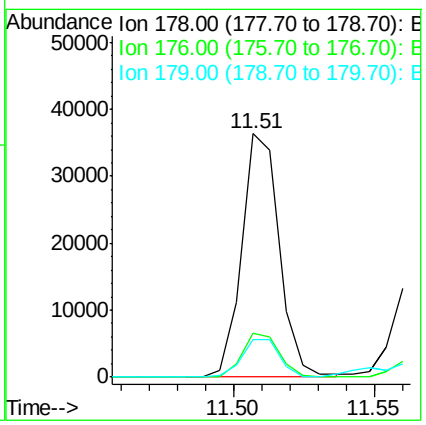


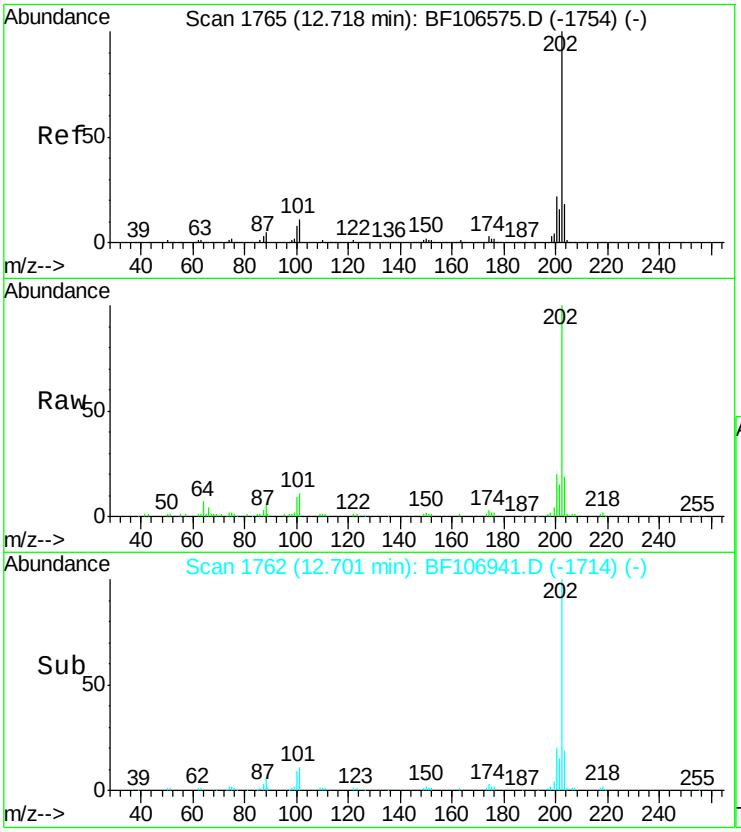


#70
Phenanthrene
Concen: 4.693 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:178 Resp: 33503

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.2	13.0	19.6



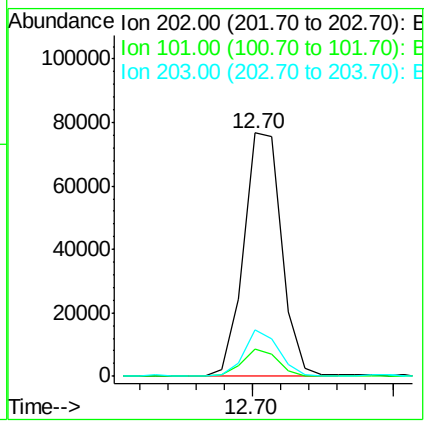


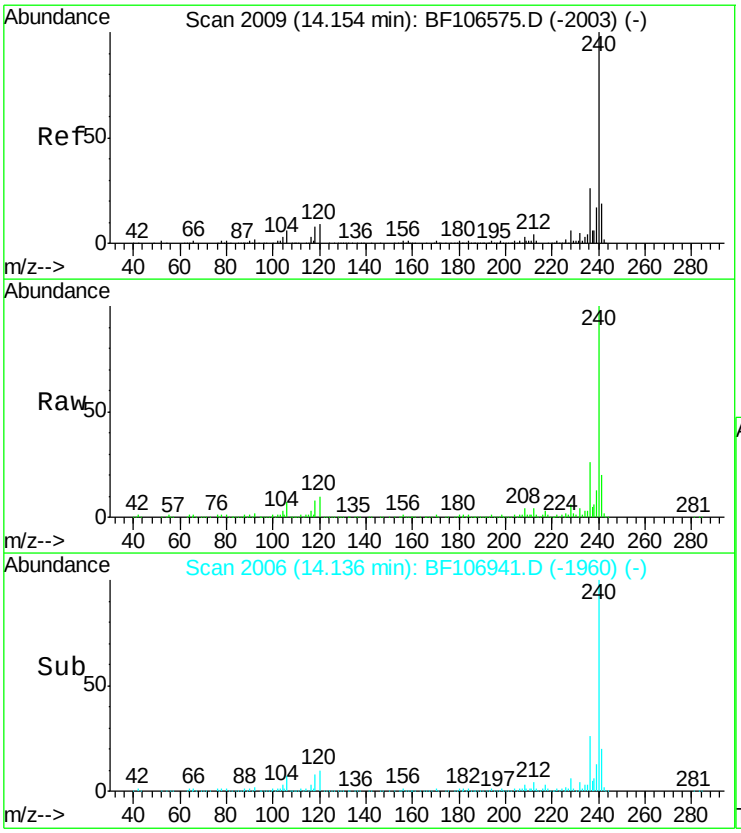
#74
Fluoranthene
Concen: 9.081 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:202 Resp: 71452

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	19.0	0.0	38.1

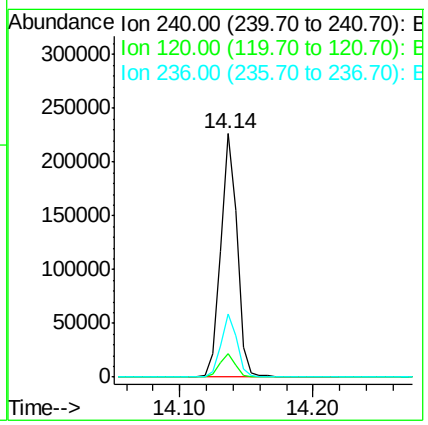


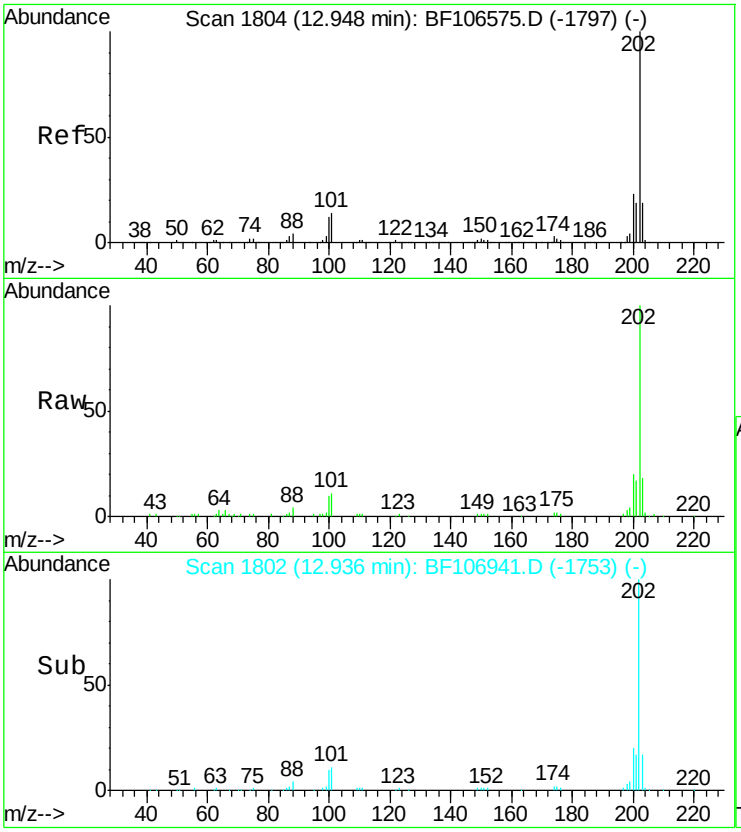


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:240 Resp: 197668

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	26.0	20.7	31.1



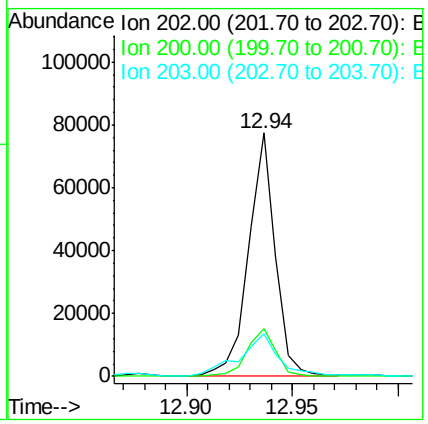


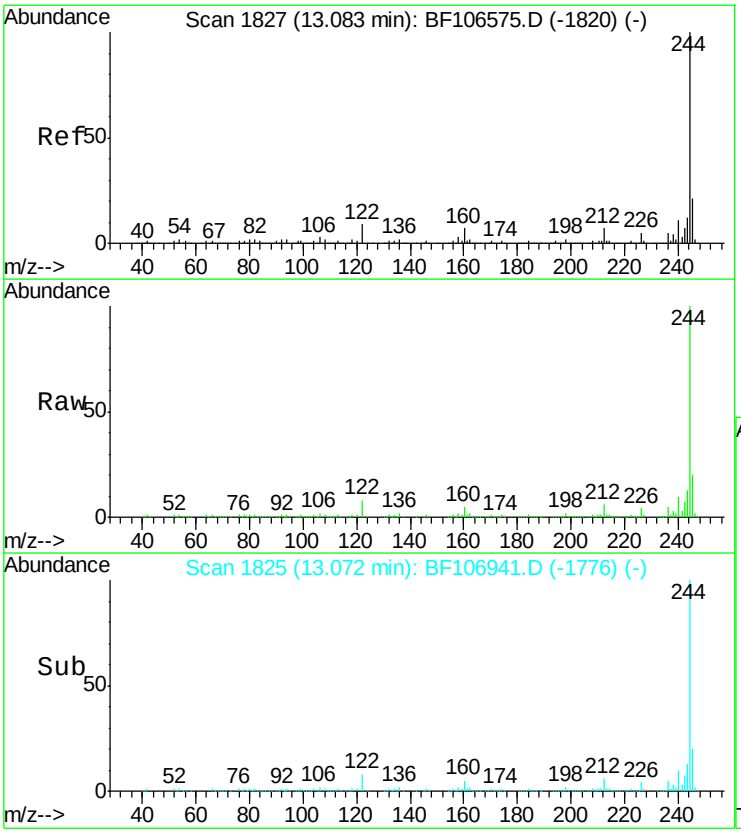
#77
Pyrene
Concen: 5.245 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:202 Resp: 68365

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.8	14.3	21.5

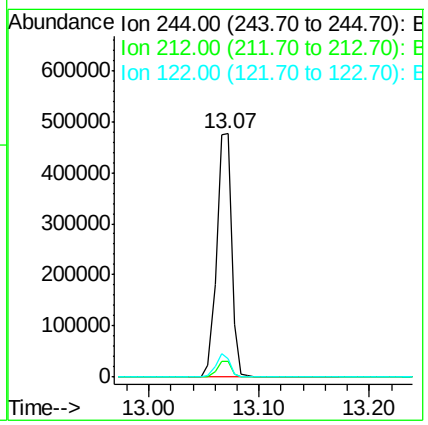


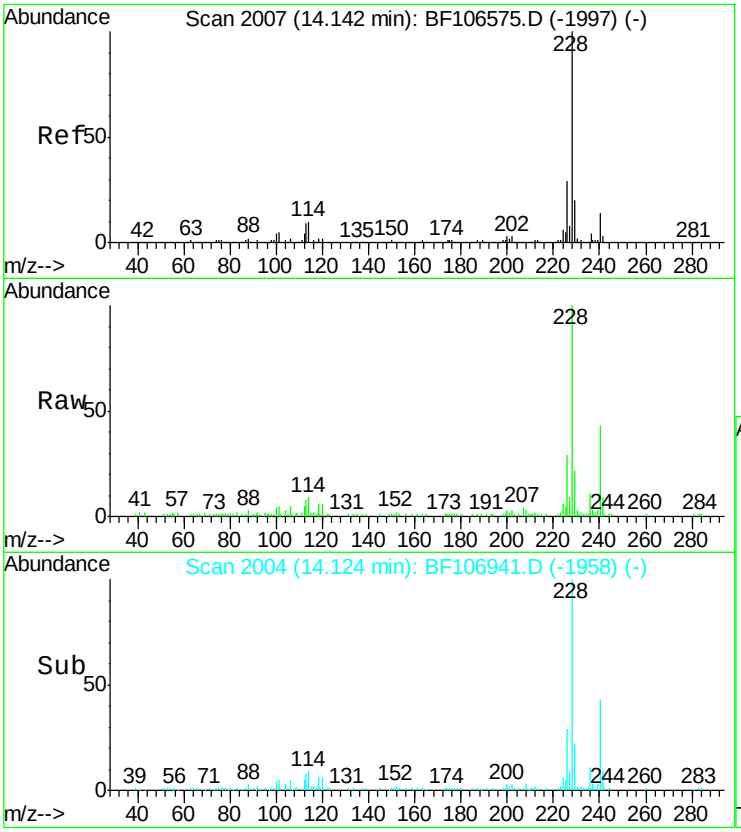


#78
Terphenyl-d14
Concen: 55.185 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:244 Resp: 450329

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.6	11.0	16.4#



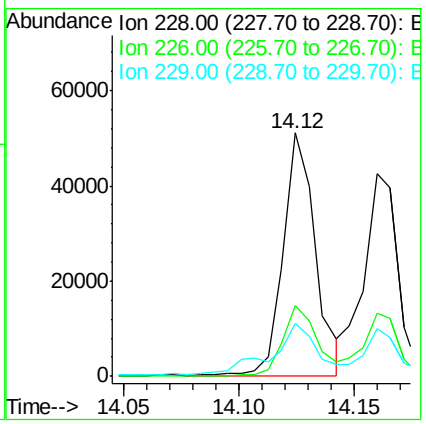


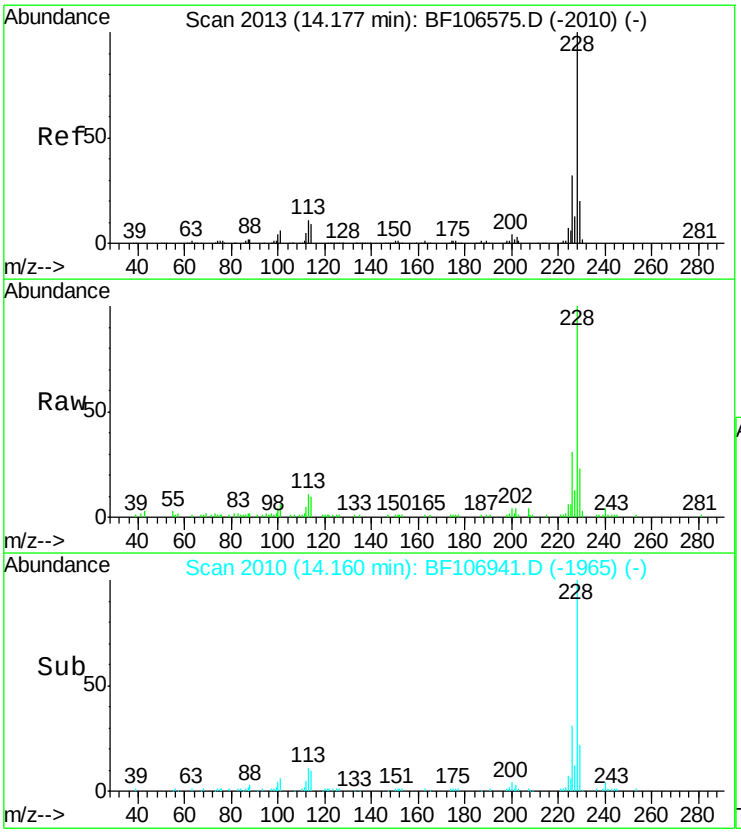
#80
Benzo(a)anthracene
Concen: 4.138 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:228 Resp: 49850

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.9	15.8	23.6

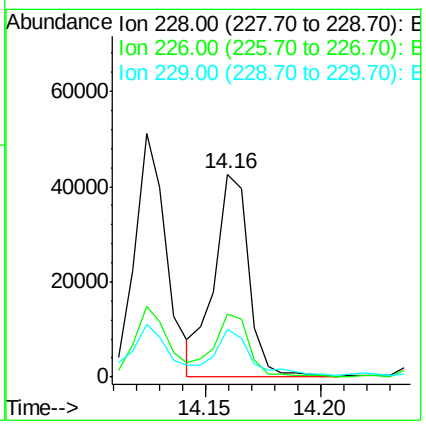


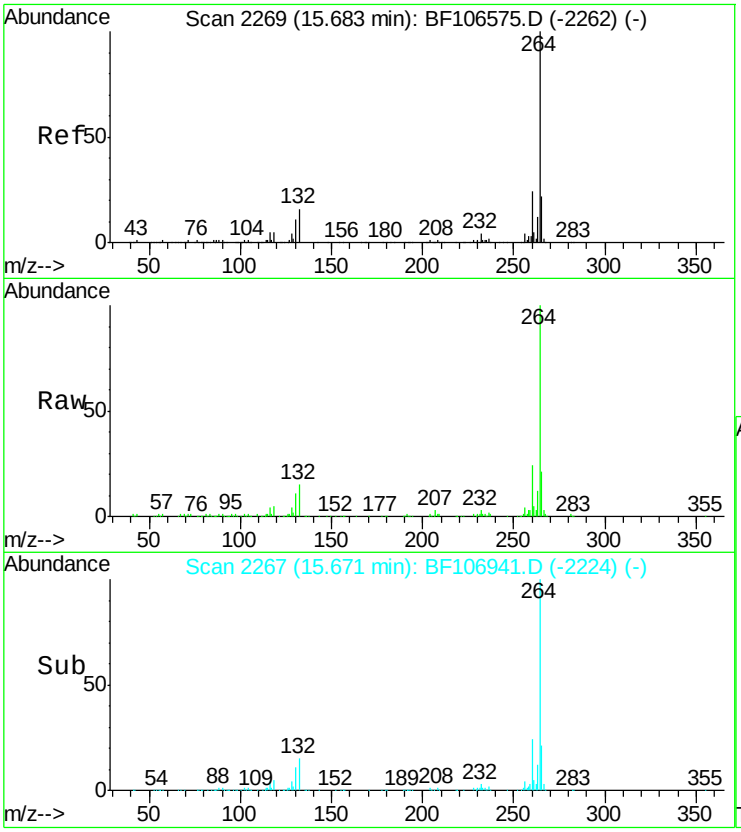


#82
Chrysene
Concen: 4.011 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:228 Resp: 44451

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.5	16.2	24.4



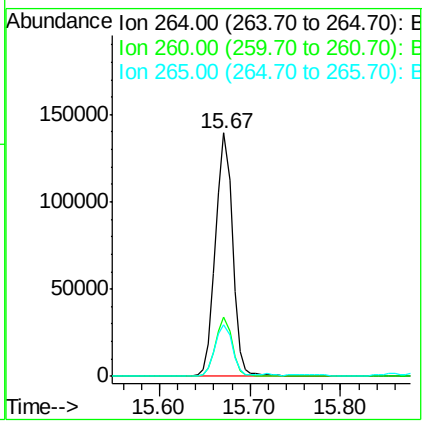


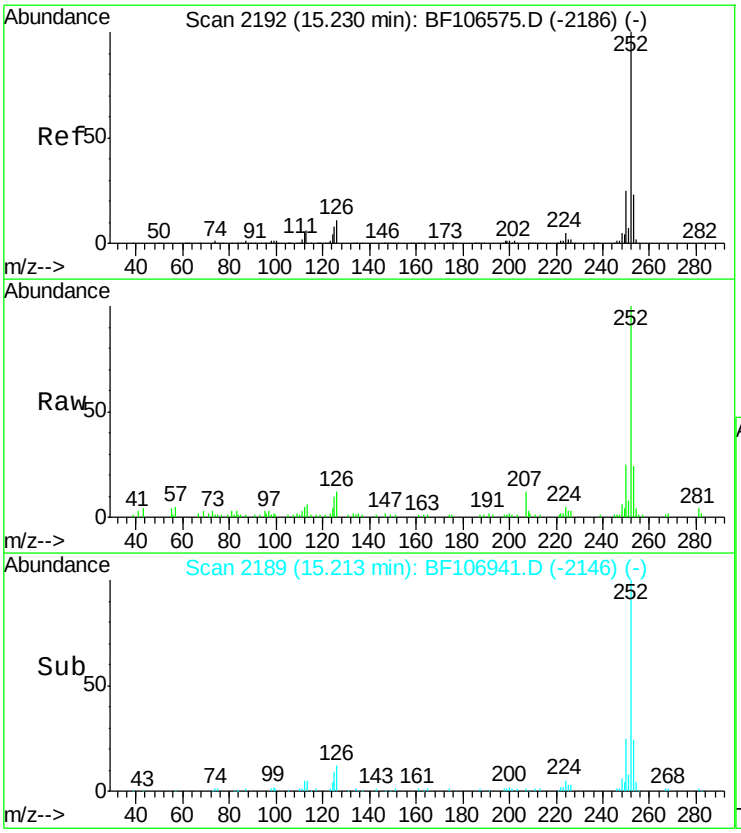
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:264 Resp: 182308

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3

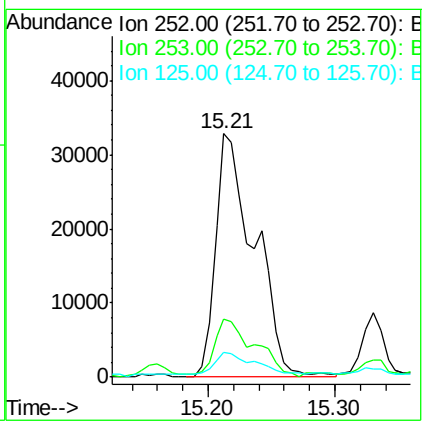


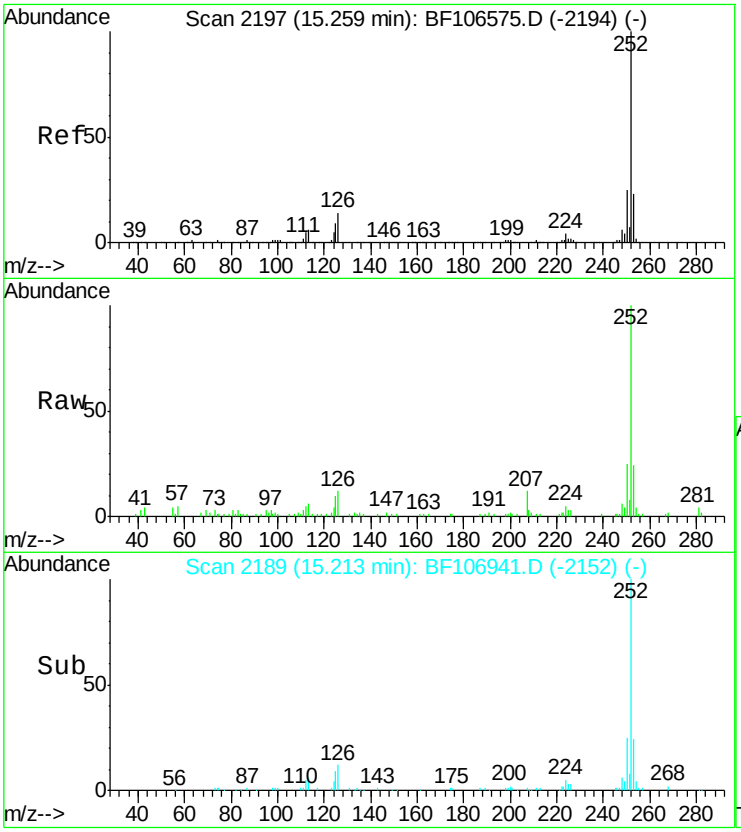


#87
Benzo(b)fluoranthene
Concen: 6.216 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:252 Resp: 70397

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.2	9.0	13.6



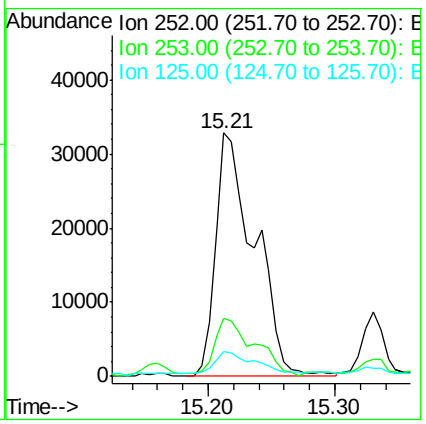


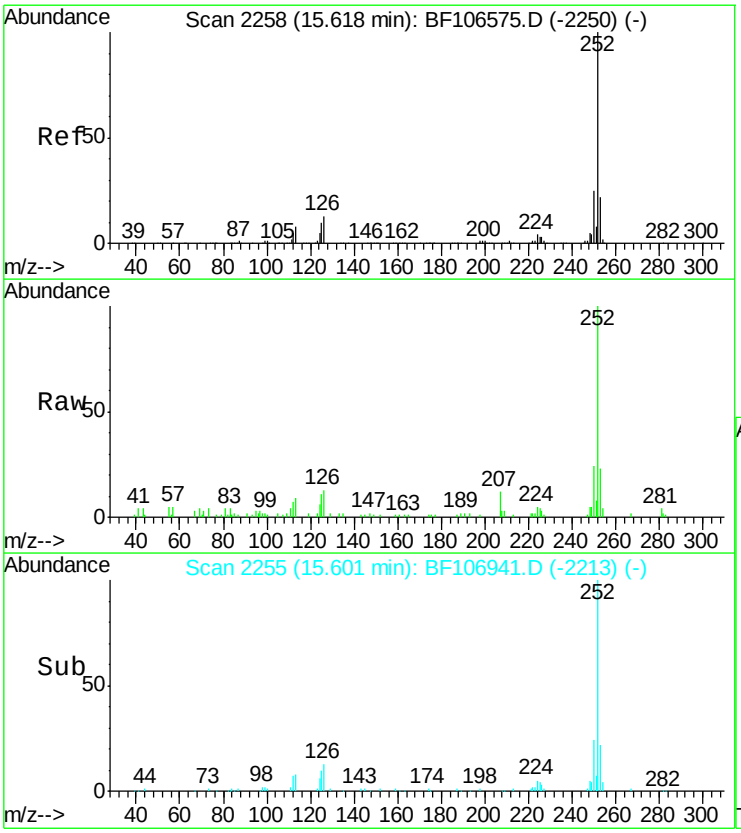
#88
Benzo(k)fluoranthene
Concen: 6.528 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tgt Ion:252 Resp: 70397

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	10.2	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.783 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF106941.D
Acq: 29 Jun 2018 00:30

Tgt Ion:252 Resp: 38084

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.0	9.8	14.6