Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107285.D
Acq On : 10 Jul 2018 20:49
Operator : JU/SJ
Sample : J3880-17RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-19RE

Quant Time: Jul 11 01:09:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31071	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	108212	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	51486	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	112251	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	90455	20.00	ng		-0.03
86) Perylene-d12	15.68	264	71984	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	202806	110.53	ng		-0.02
7) Phenol-d6	6.59	99	242558	105.85	ng		-0.02
23) Nitrobenzene-d5	7.51	82	137136	70.43	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	71679	120.12	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	260146	85.63	ng		-0.03
78) Terphenyl-d14	13.07	244	348158	93.23	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	5332	2.039	ng		80
19) n-Nitroso-di-n-propylamine	7.51	70	17595	11.649	ng	#	72
25) Isophorone	7.51	82	137154	39.972	ng	#	64
48) Acenaphthylene	9.85	152	11024	2.162	ng		98
49) Dimethylphthalate	9.69	163	59109	15.307	ng		99
55) 4-Nitrophenol	10.19	139	2101	3.199	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	6955	6.516	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	4289	3.202	ng	#	1
70) Phenanthrene	11.50	178	70746	13.067	ng		97
71) Anthracene	11.55	178	23079	4.176	ng		98
74) Fluoranthene	12.70	202	134162	22.482	ng		95
77) Pyrene	12.94	202	122993	20.620	ng		98
80) Benzo(a)anthracene	14.12	228	65378	11.859	ng		98
82) Chrysene	14.17	228	58884	11.610	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	27957	6.495	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	89300	19.970	ng		94
88) Benzo(k)fluoranthene	15.22	252	89334	20.979	ng		94
89) Benzo(a)pyrene	15.61	252	45207	11.372	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	8237	2.445	ng	#	74
91) Benzo(g,h,i)perylene	17.75	276	30728	9.332	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
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Sample : J3880-17RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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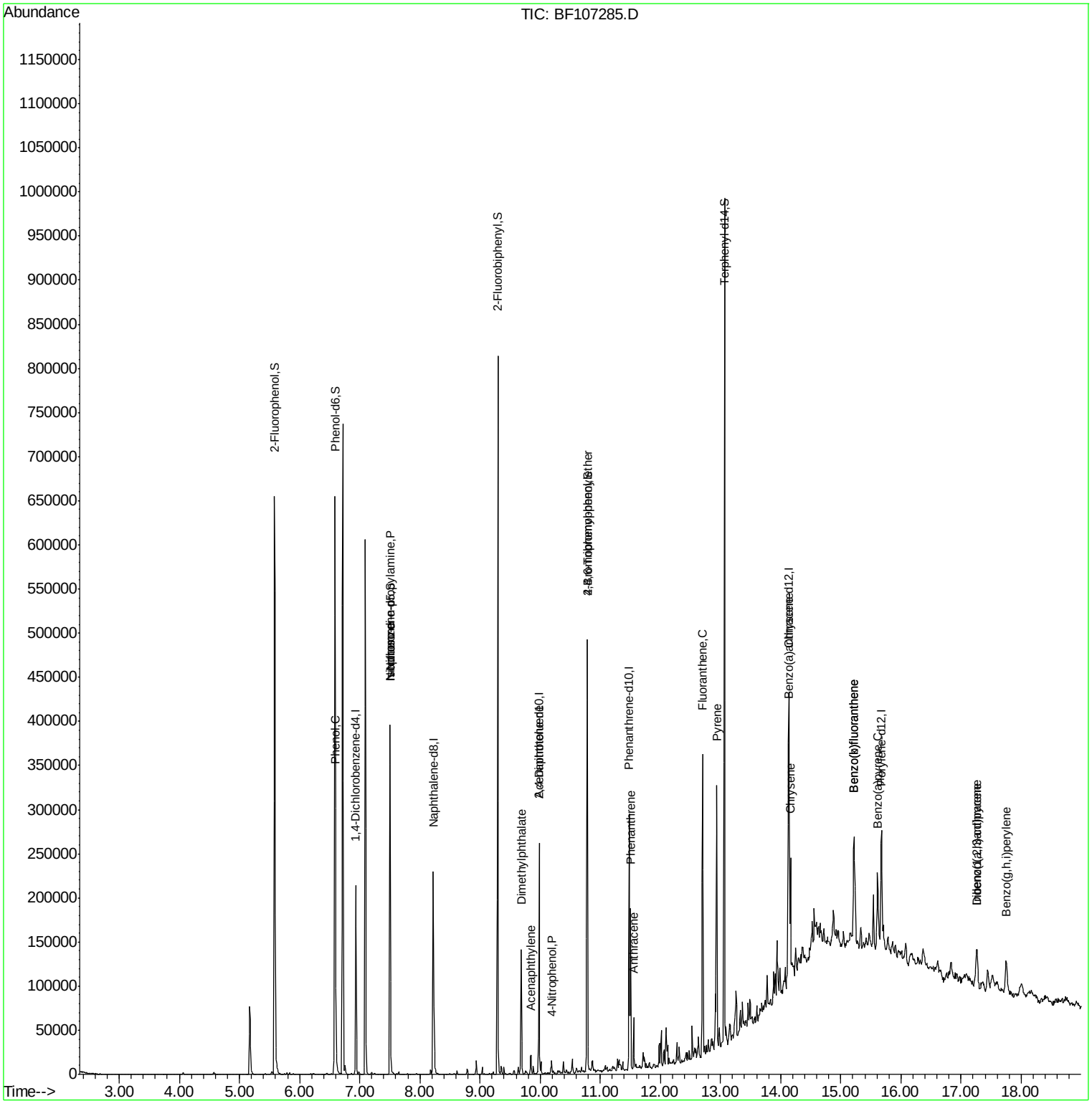
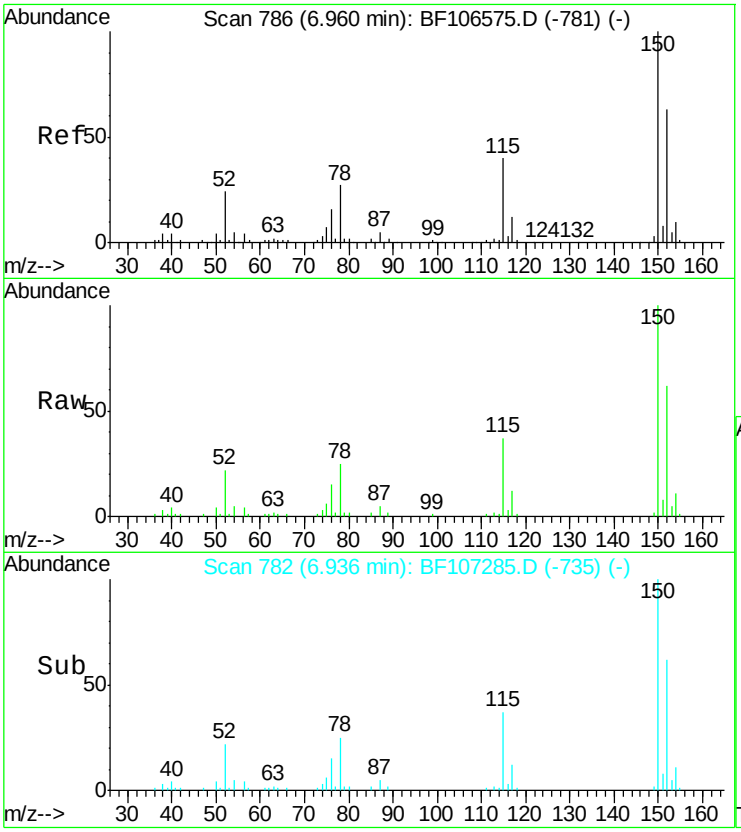


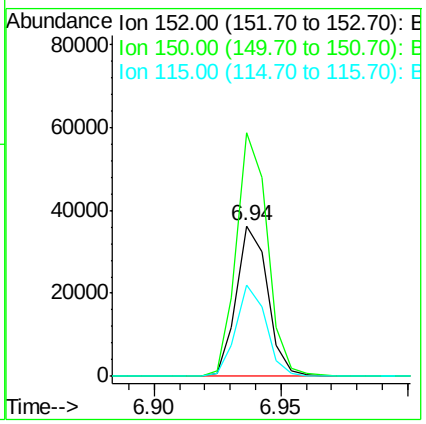


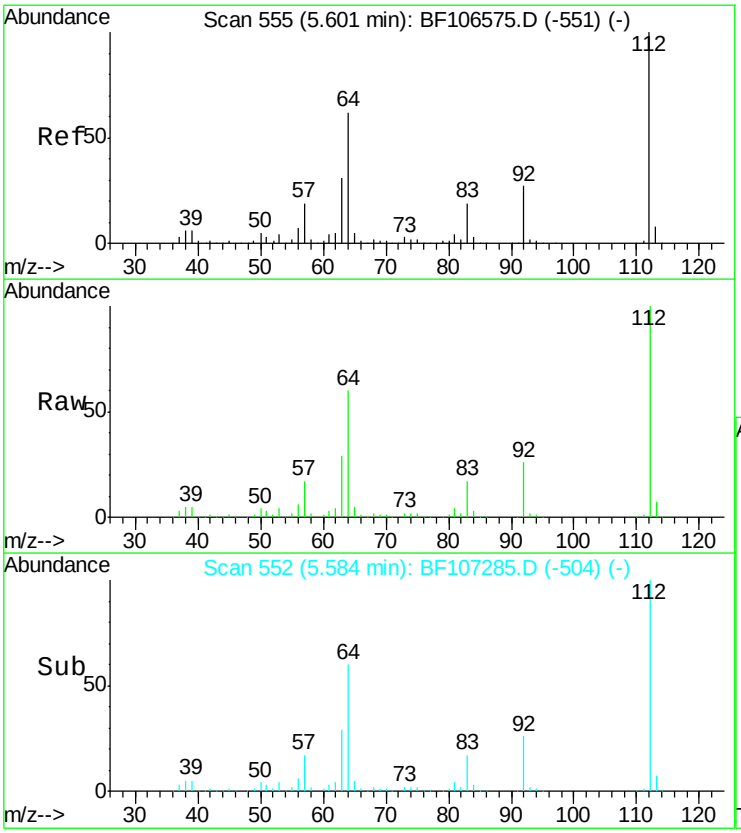
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:152 Resp: 31071

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	60.6	50.1	75.1

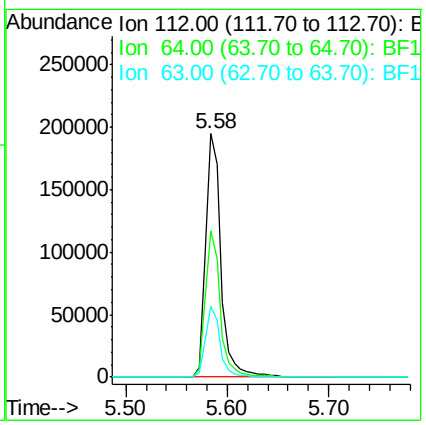


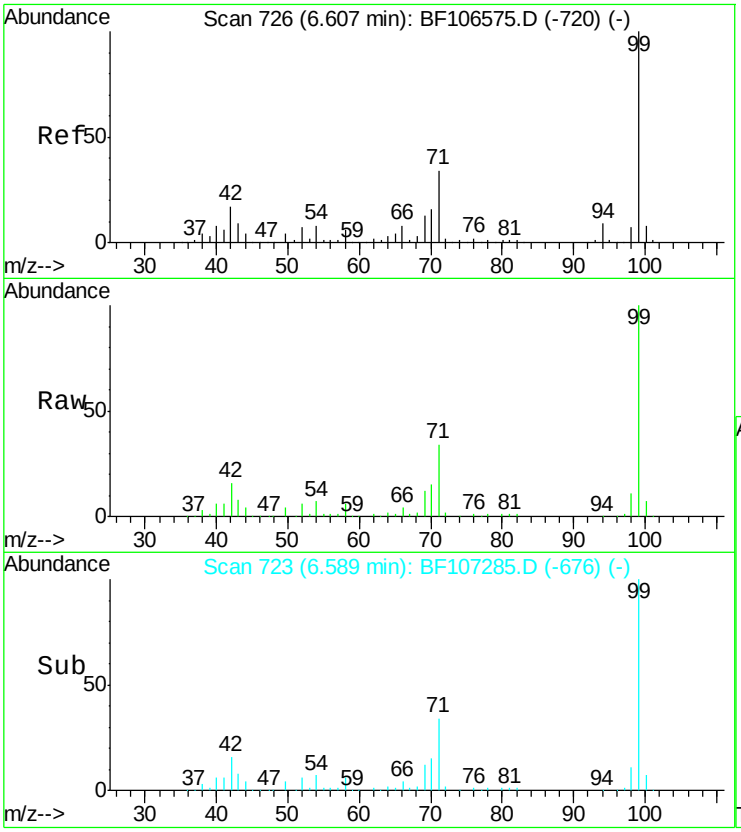


#5
2-Fluorophenol
Concen: 110.526 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:112 Resp: 202806

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.3	23.7	35.5



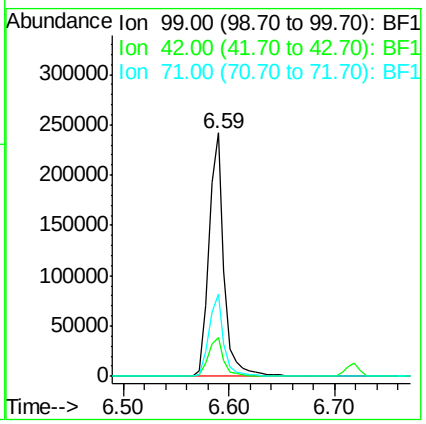


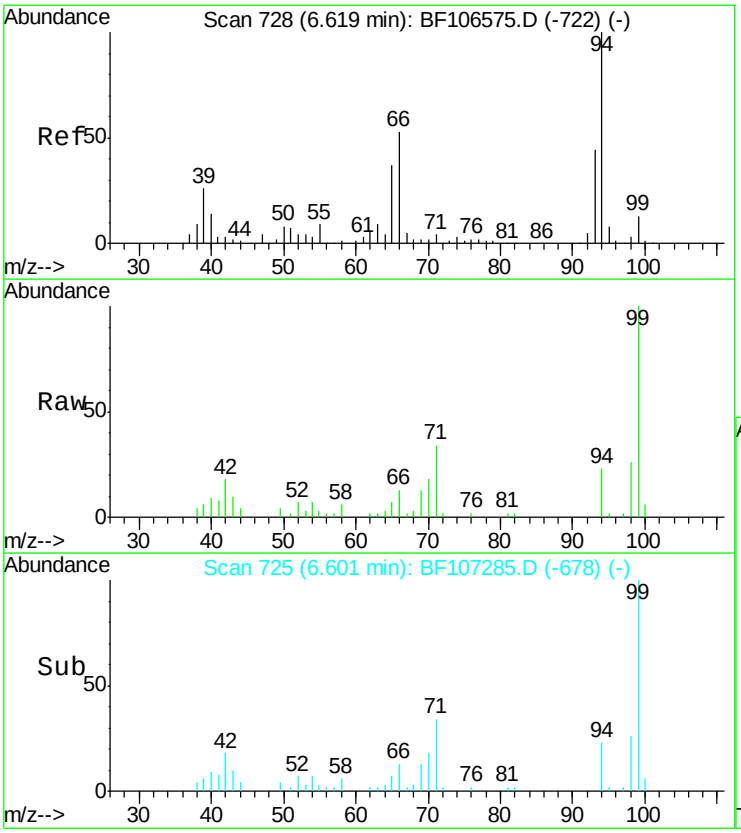
#7
Phenol-d6
Concen: 105.853 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion: 99 Resp: 242558

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	33.8	25.4	38.0

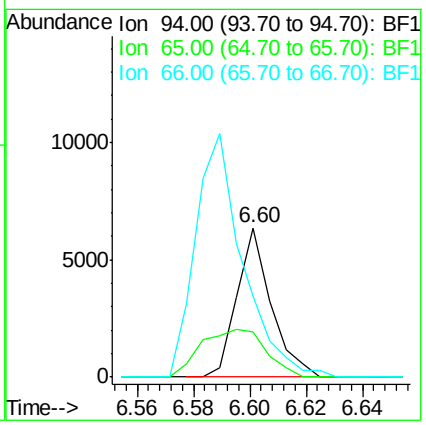


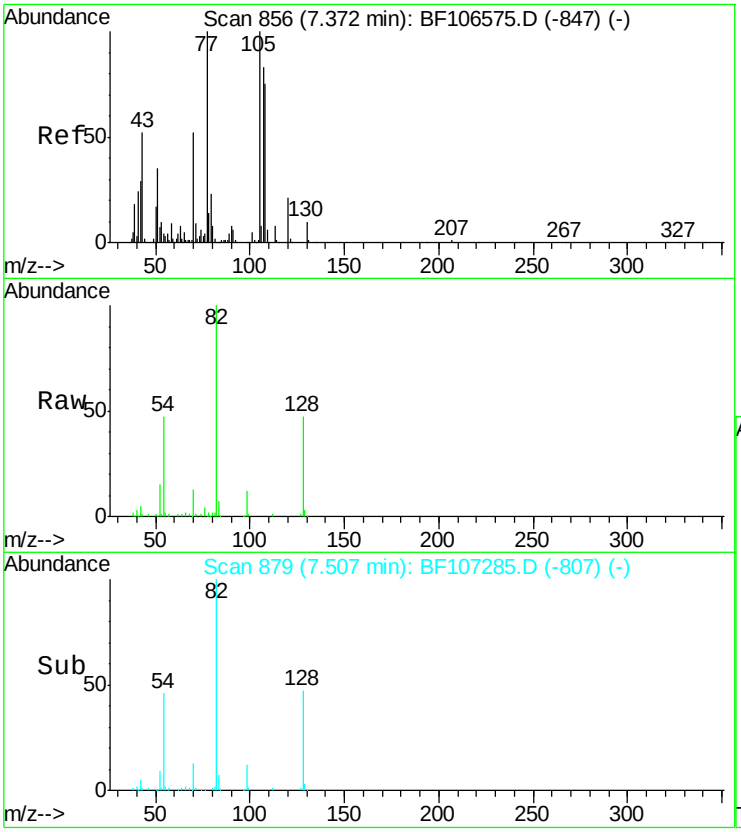


#10
Phenol
Concen: 2.039 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion: 94 Resp: 5332

Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	54.8	16.2	56.2



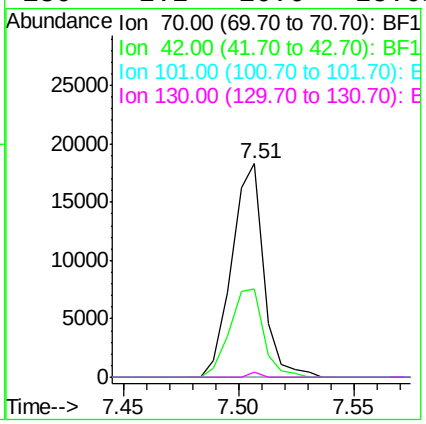


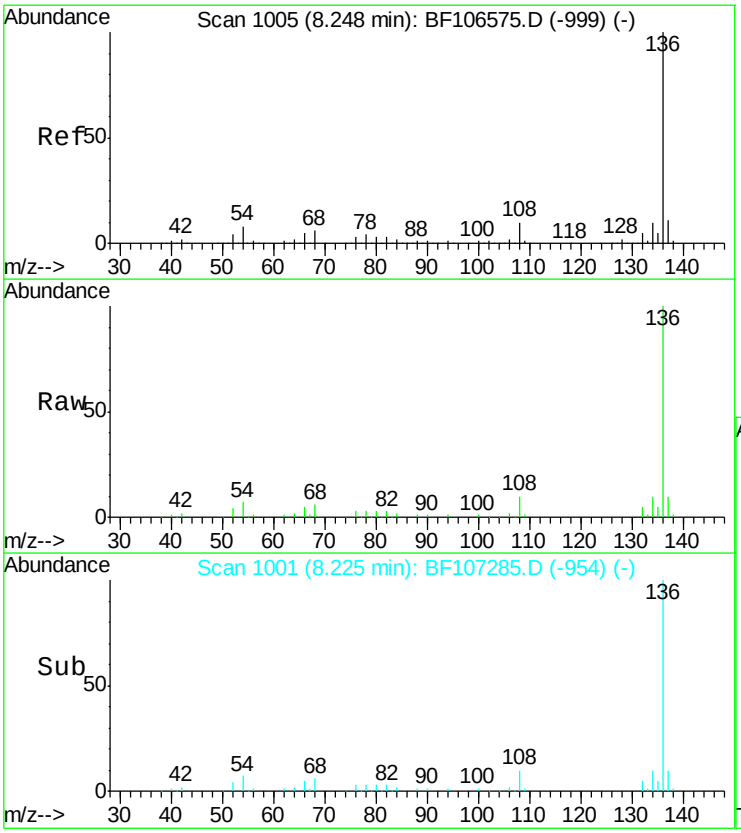
#19
n-Nitroso-di-n-propylamine
Concen: 11.649 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion: 70 Resp: 17595

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

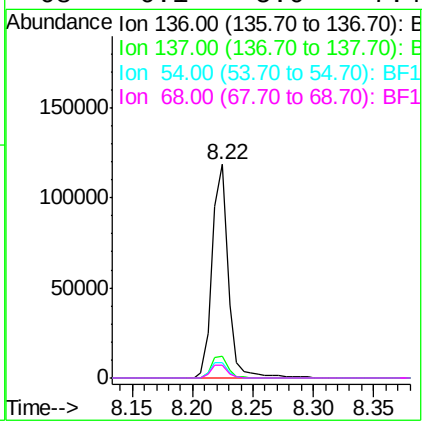


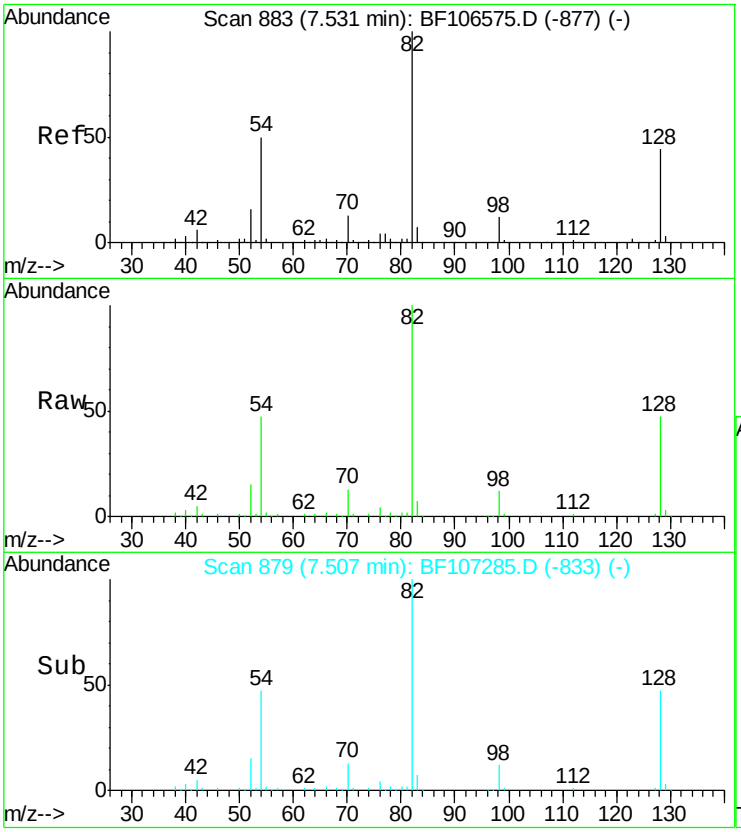


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:136 Resp: 108212

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4



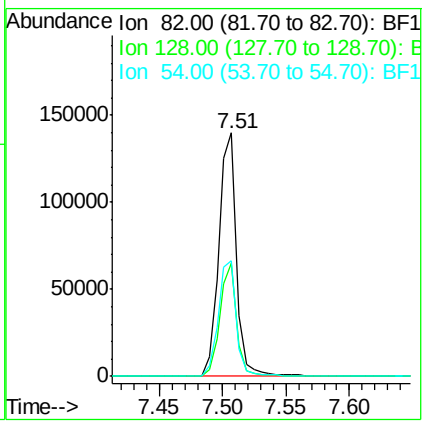


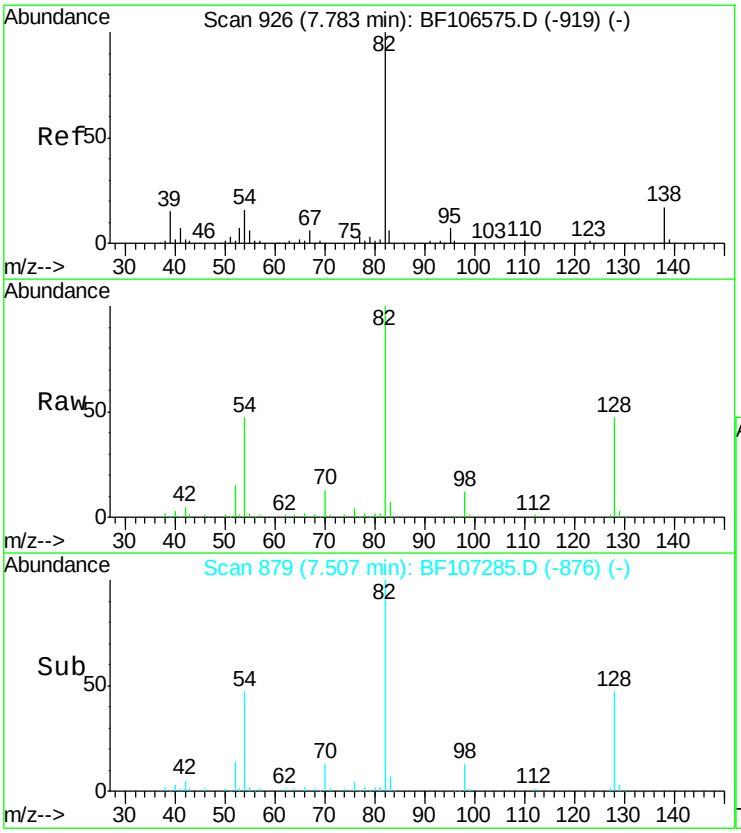
#23
Nitrobenzene-d5
Concen: 70.428 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion: 82 Resp: 137136

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	47.3	41.4	62.2

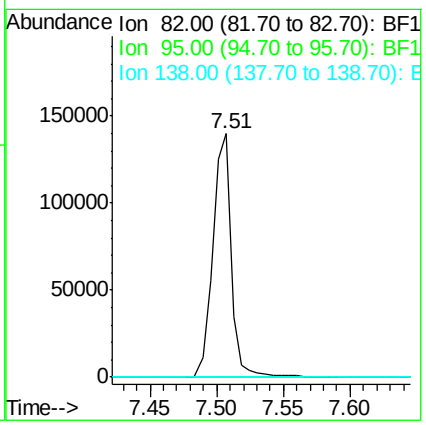


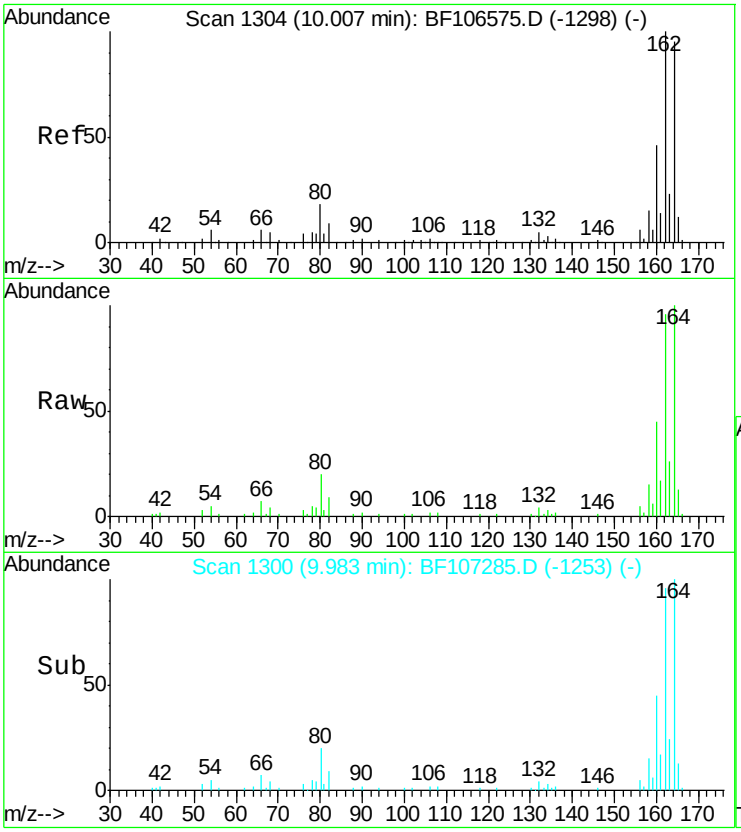


#25
Isophorone
Concen: 39.972 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion: 82 Resp: 137154

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



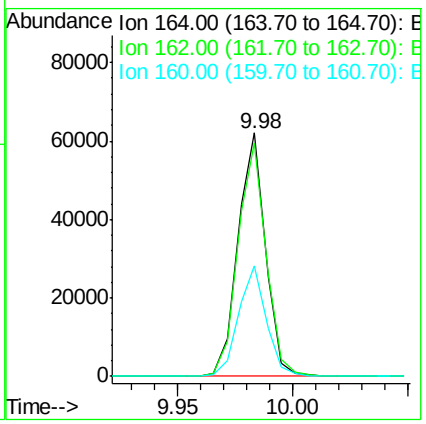


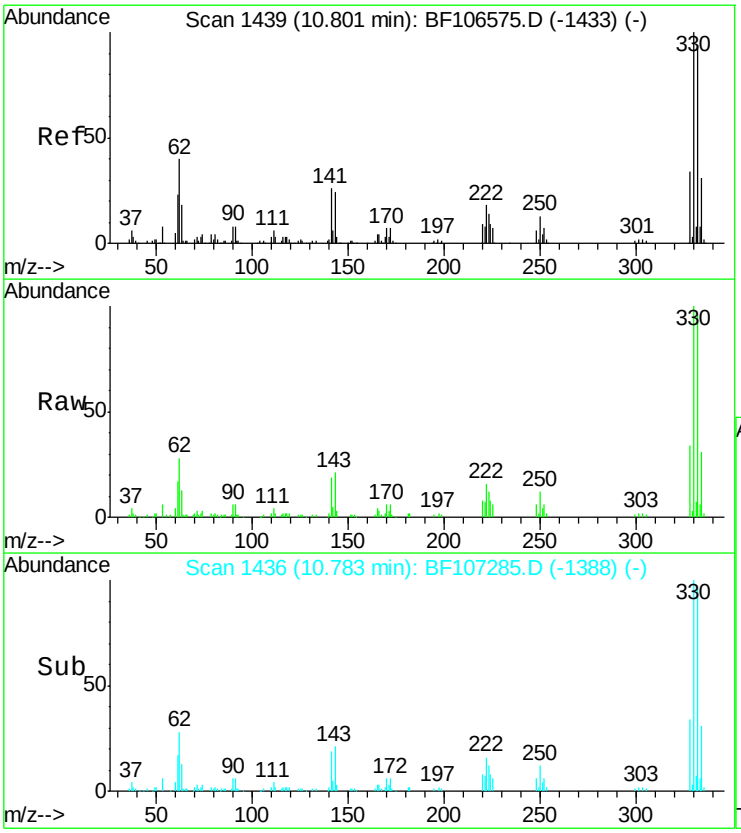
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:164 Resp: 51486

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	45.2	38.3	57.5

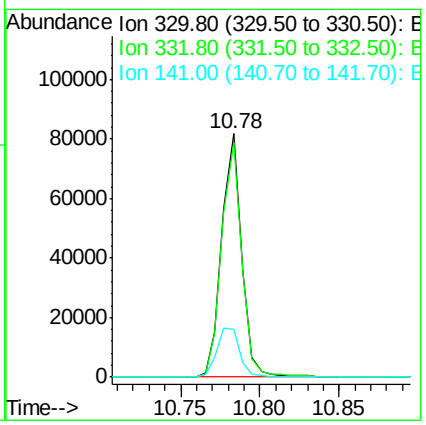


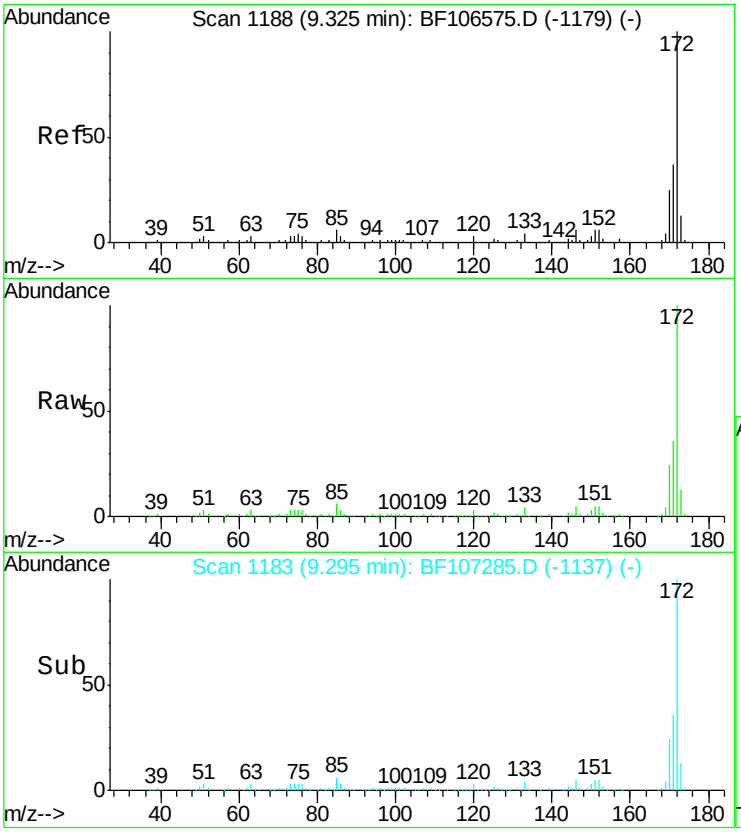


#41
2,4,6-Tribromophenol
Concen: 120.118 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:330 Resp: 71679

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	22.9	29.9	44.9#



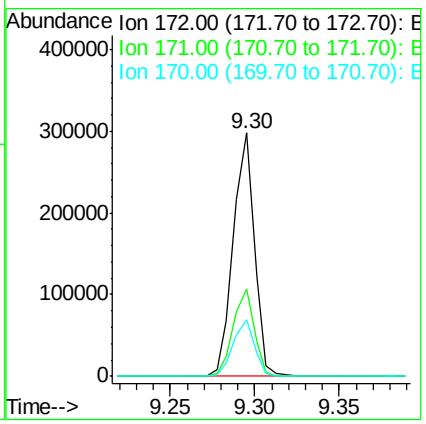


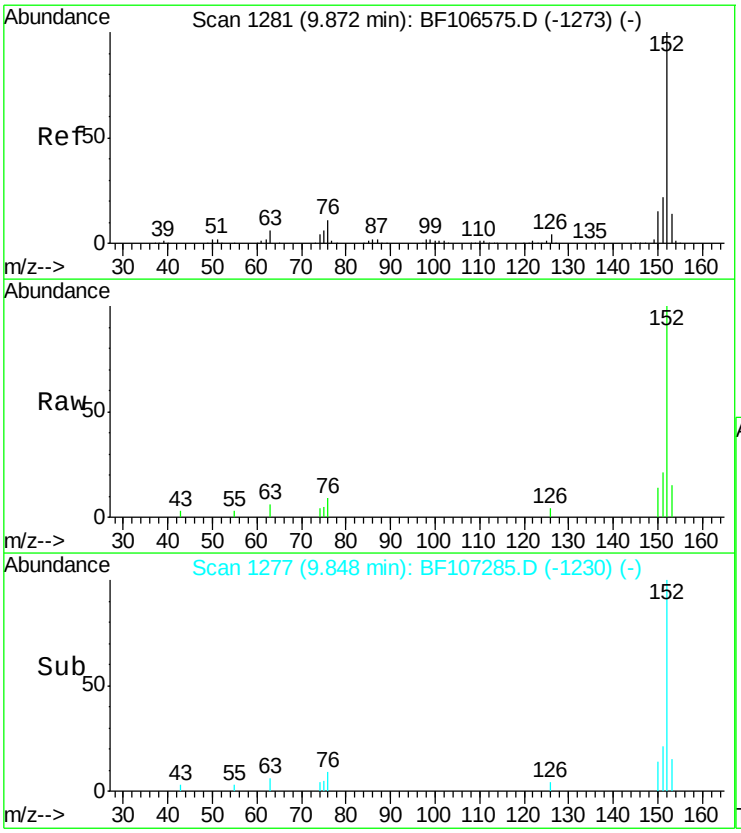
#44
2-Fluorobiphenyl
Concen: 85.634 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:172 Resp: 260146

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4

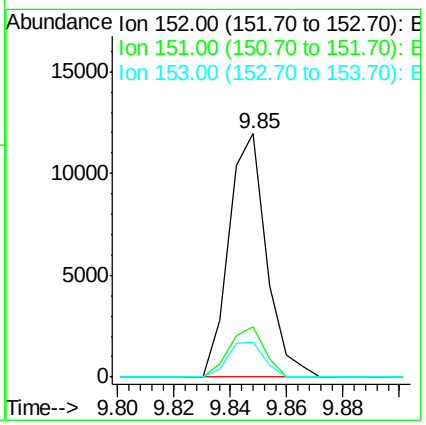


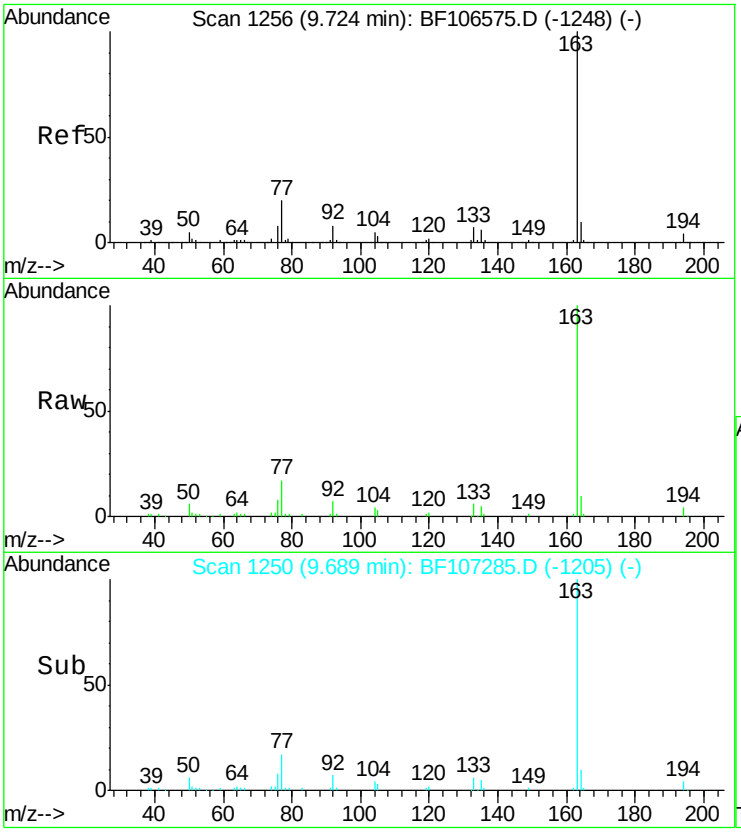


#48
Acenaphthylene
Concen: 2.162 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:152 Resp: 11024

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.5	10.7	16.1



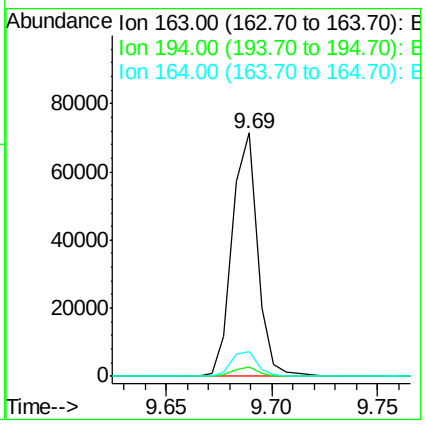


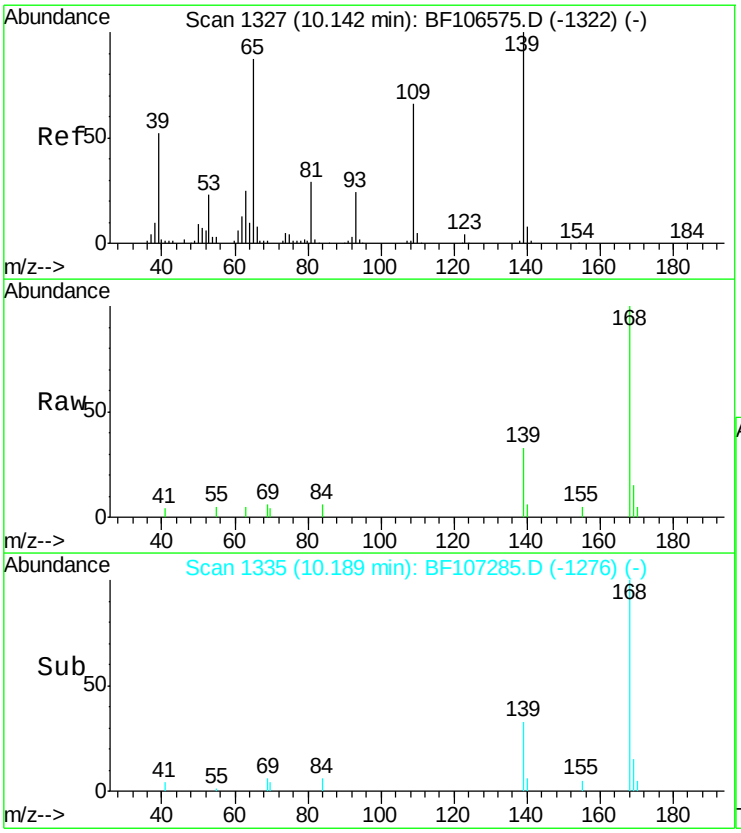
#49
Dimethylphthalate
Concen: 15.307 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:163 Resp: 59109

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

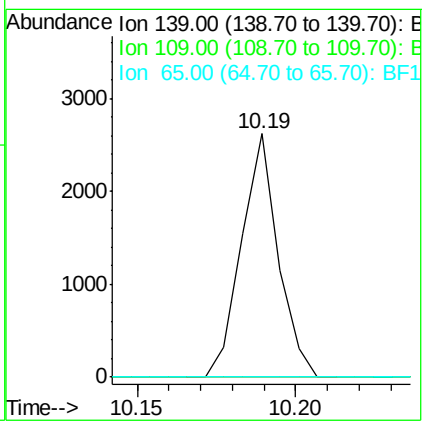


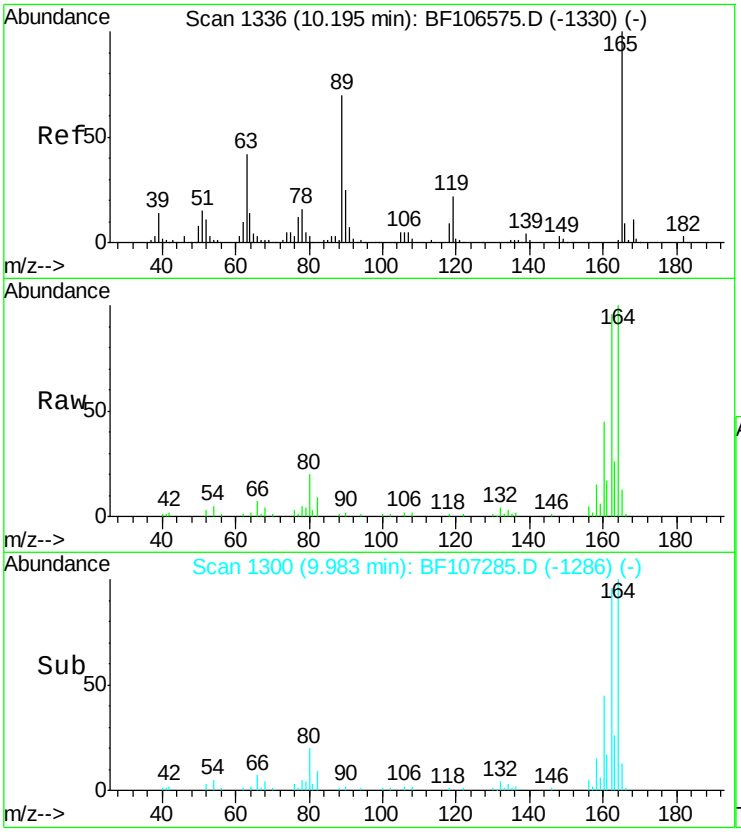


#55
4-Nitrophenol
Concen: 3.199 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:139 Resp: 2101

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



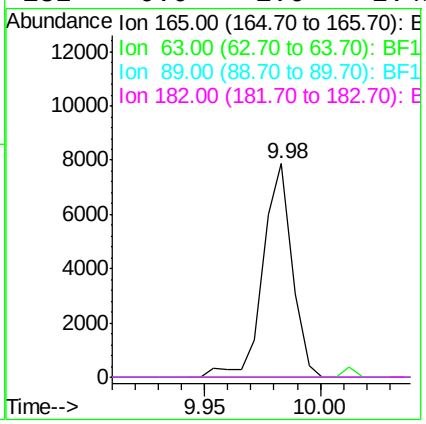


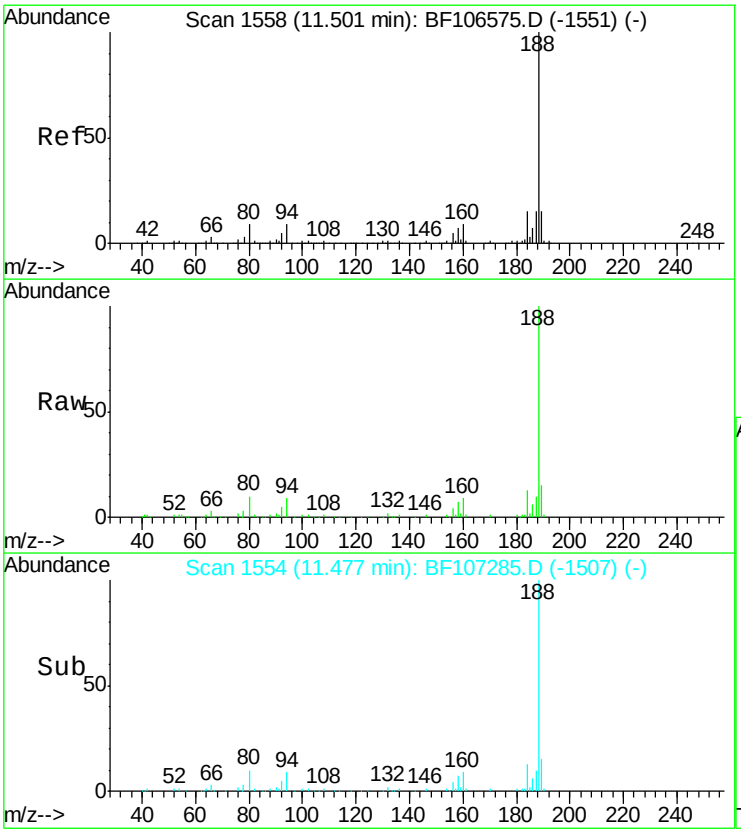
#56
2,4-Dinitrotoluene
Concen: 6.516 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:165 Resp: 6955

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#

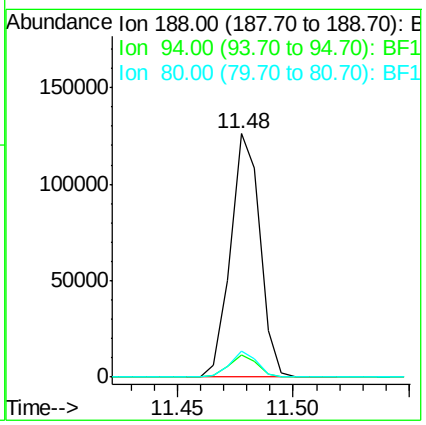


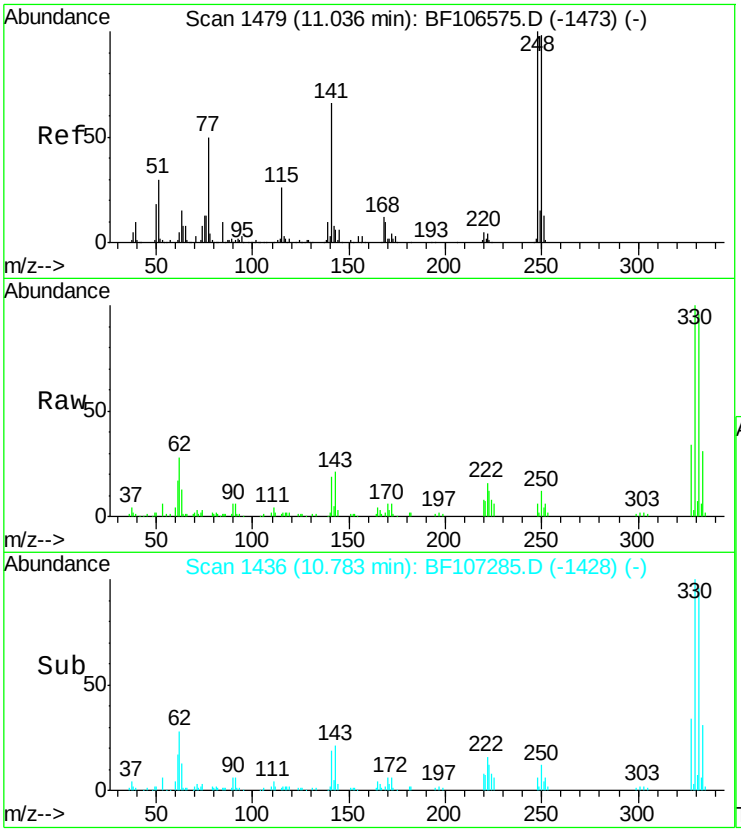


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:188 Resp: 112251

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8



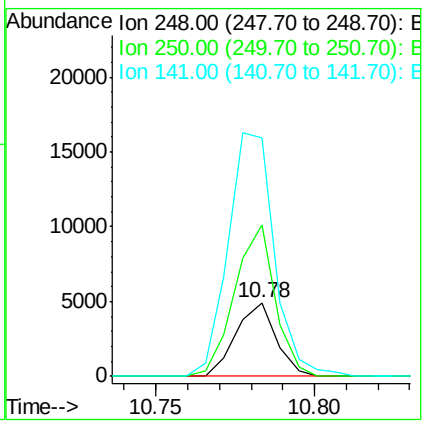


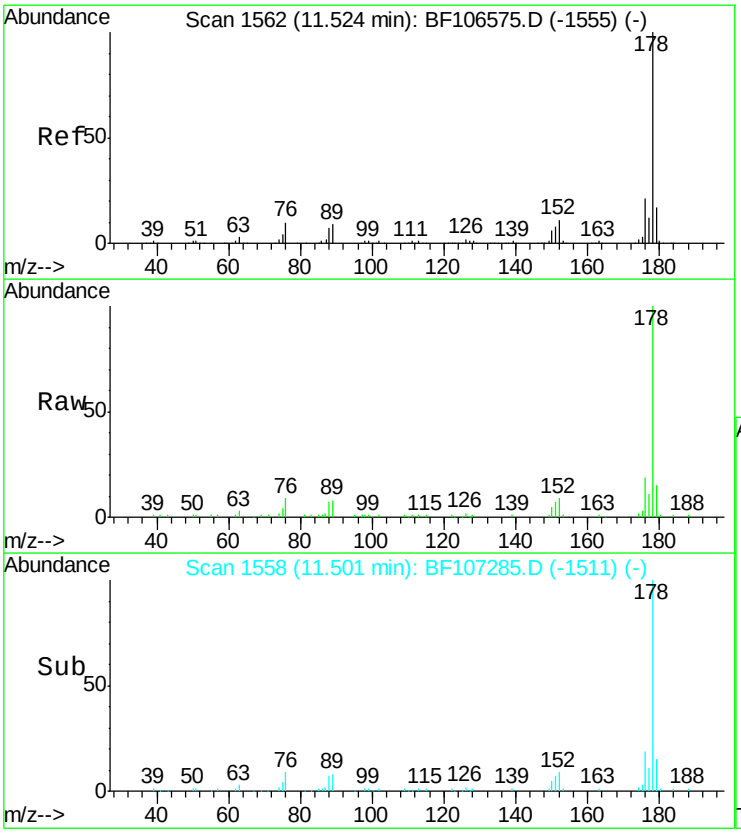
#66
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:248 Resp: 4289

Ion	Ratio	Lower	Upper
248	100		
250	206.7	76.9	115.3#
141	325.1	74.4	111.6#

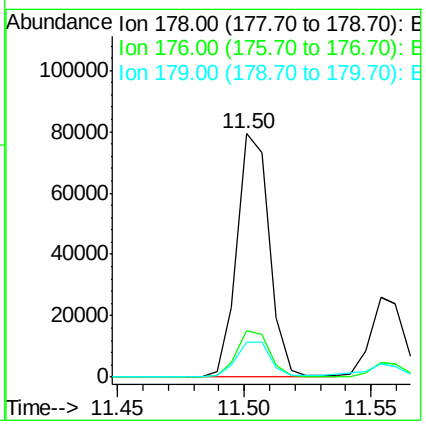


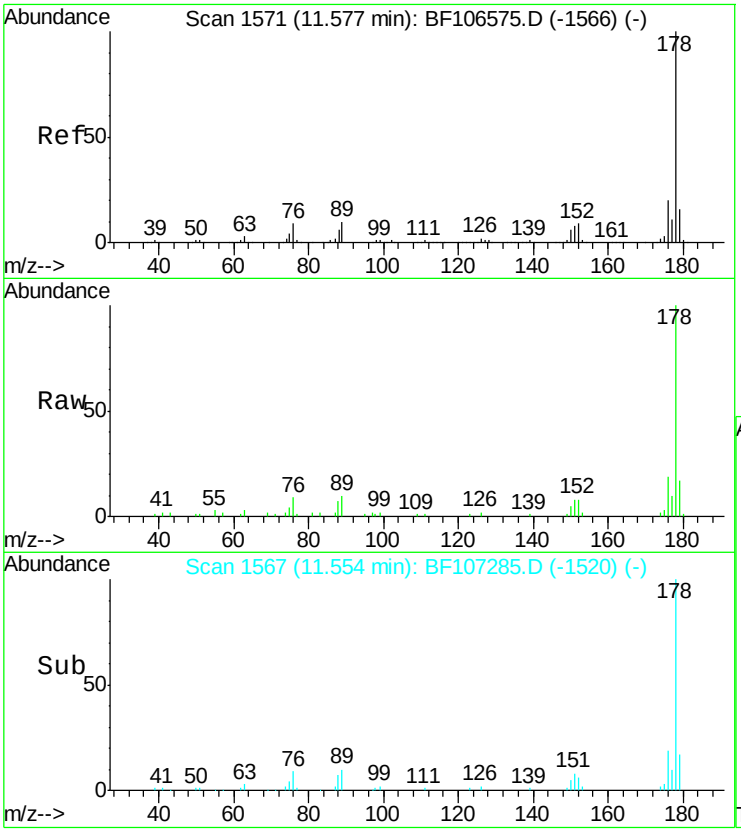


#70
Phenanthrene
Concen: 13.067 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:178 Resp: 70746

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.5	13.0	19.6



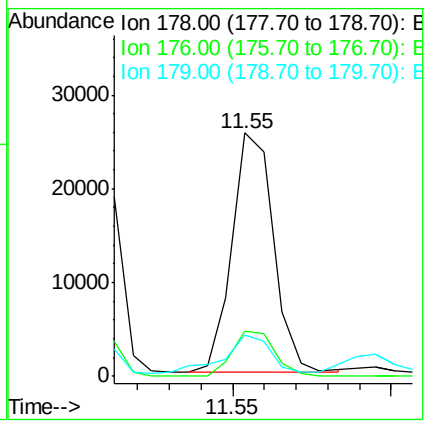


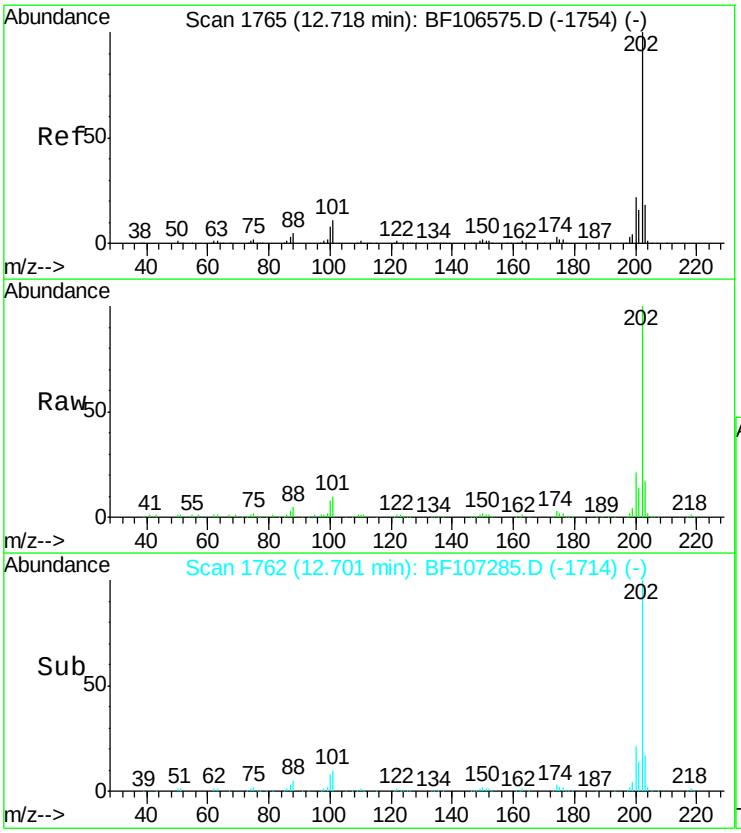
#71
Anthracene
Concen: 4.176 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:178 Resp: 23079

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.8	12.6	19.0

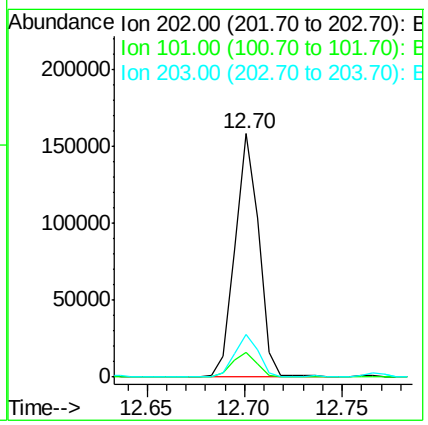


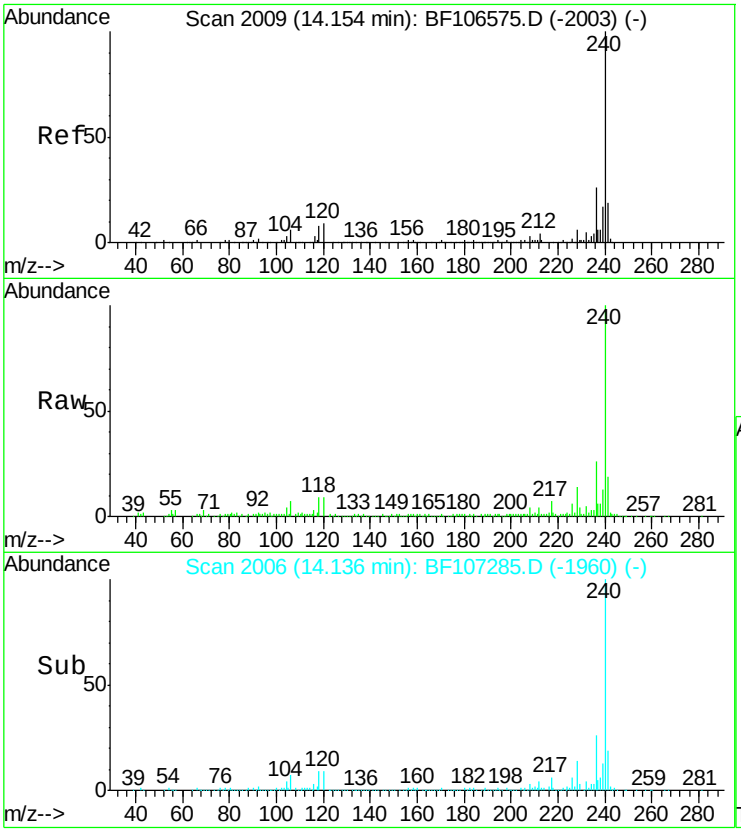


#74
Fluoranthene
Concen: 22.482 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:202 Resp: 134162

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.3	0.0	38.1



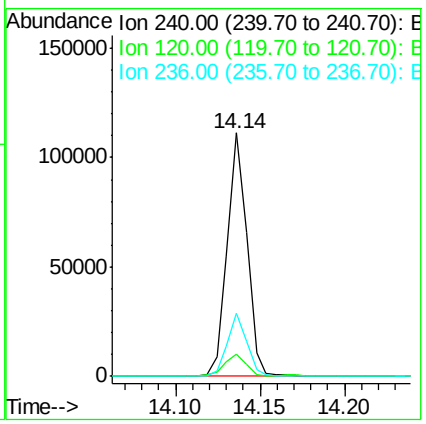


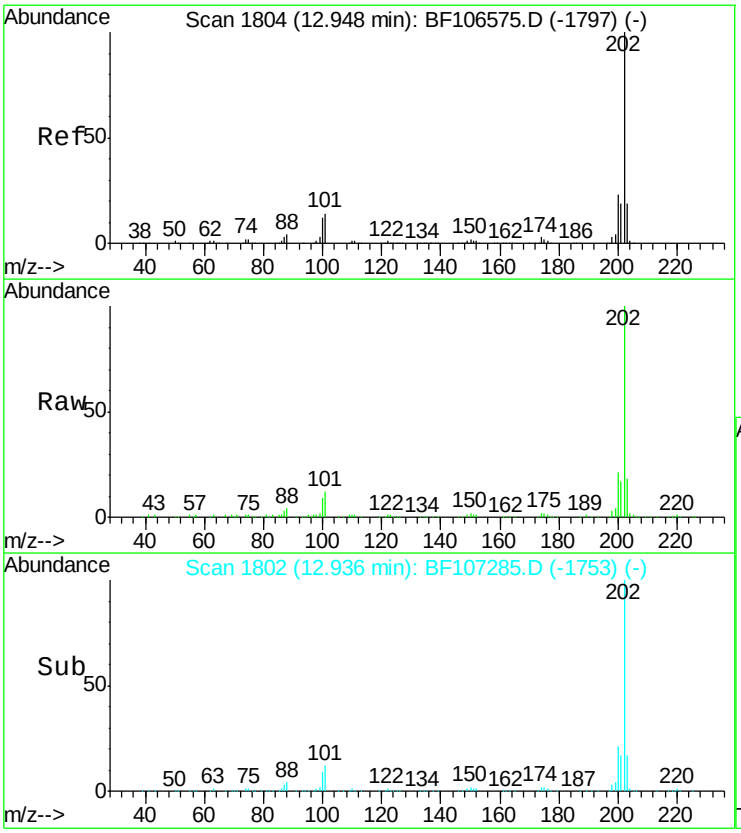
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:240 Resp: 90455

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.8	20.7	31.1

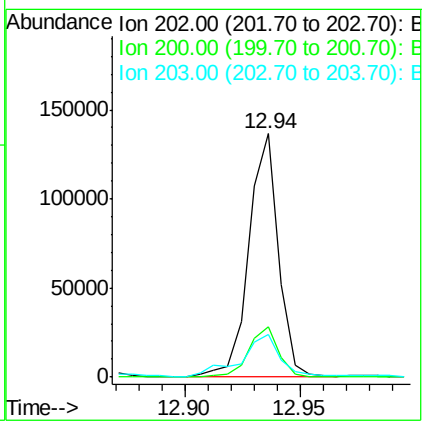


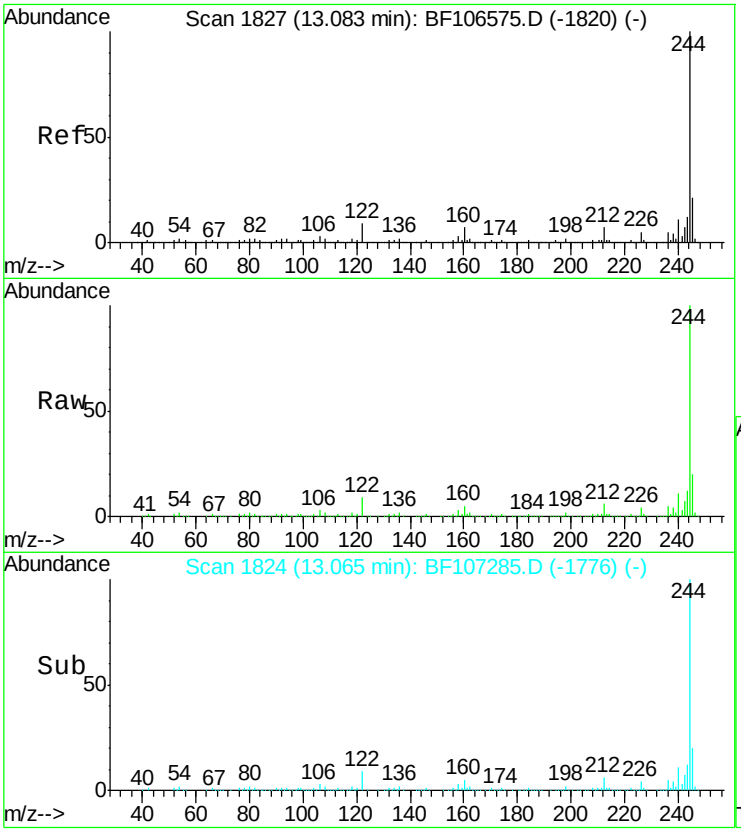


#77
Pyrene
Concen: 20.620 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:202 Resp: 122993

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.6	14.3	21.5



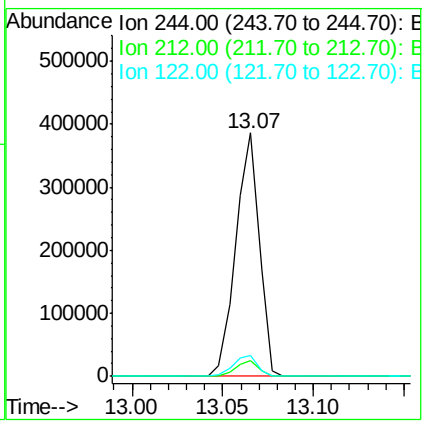


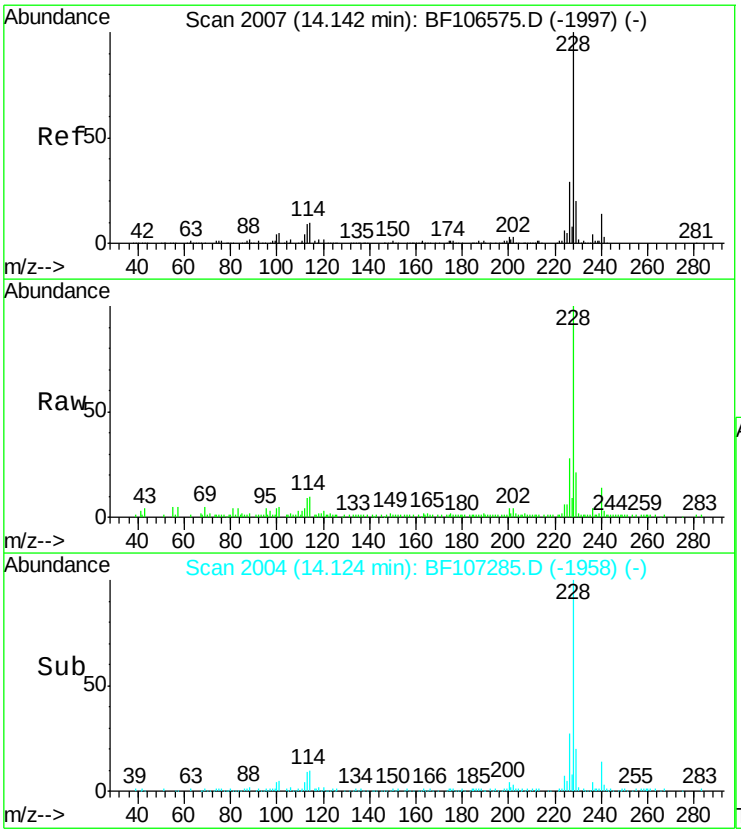
#78
Terphenyl-d14
Concen: 93.233 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:244 Resp: 348158

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.5	11.0	16.4#

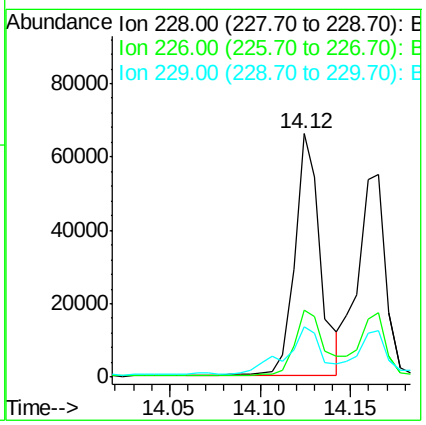


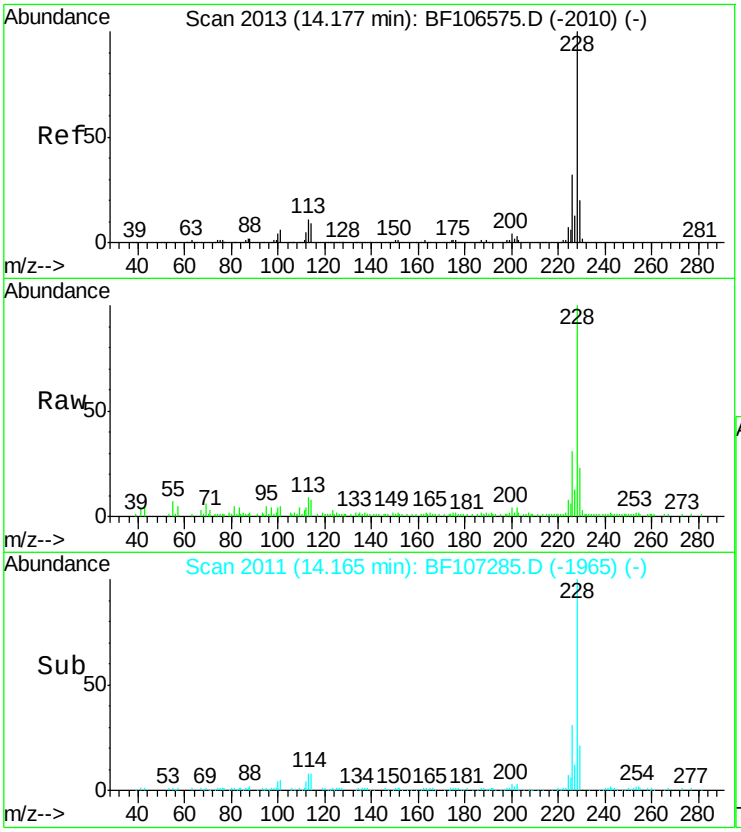


#80
Benzo(a)anthracene
Concen: 11.859 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:228 Resp: 65378

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.9	15.8	23.6



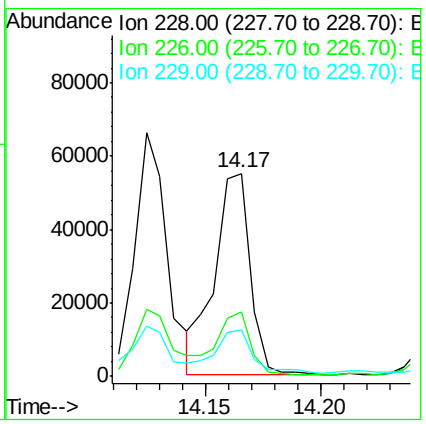


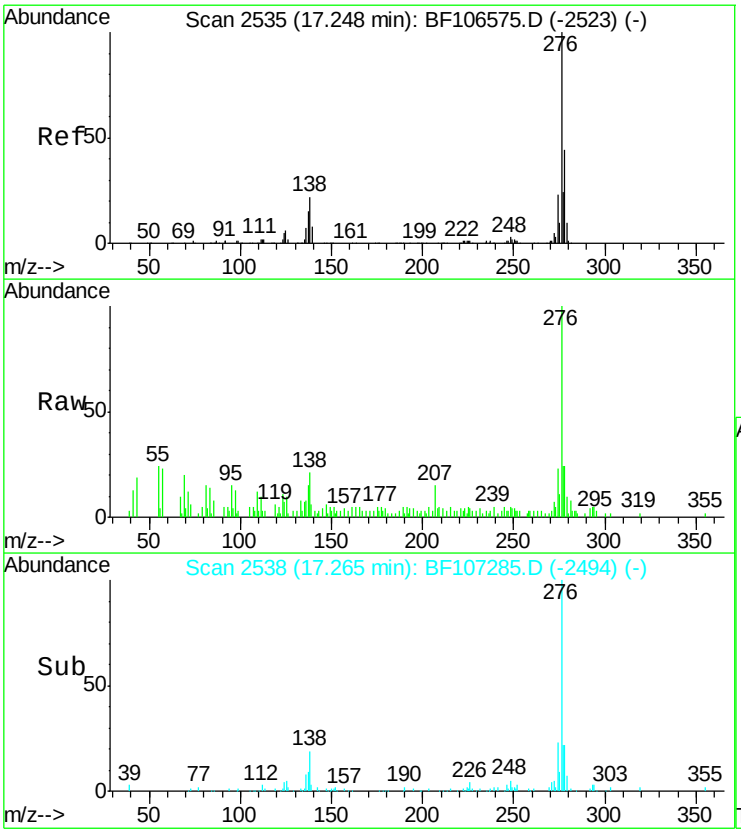
#82
Chrysene
Concen: 11.610 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:228 Resp: 58884

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	23.2	16.2	24.4

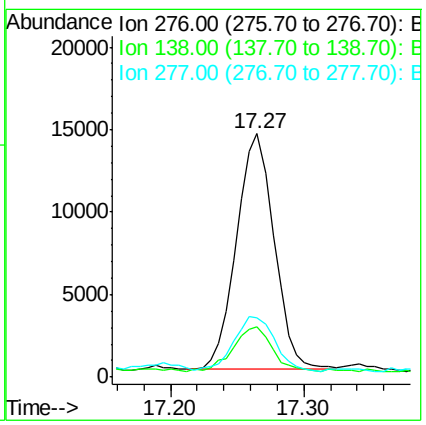


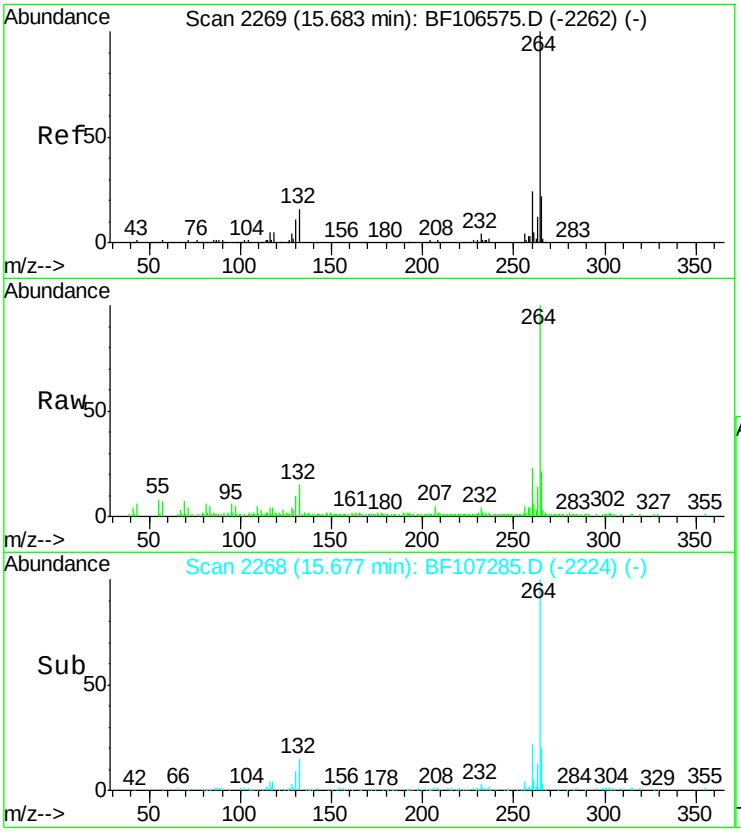


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.495 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:276 Resp: 27957

Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	24.9	20.1	30.1



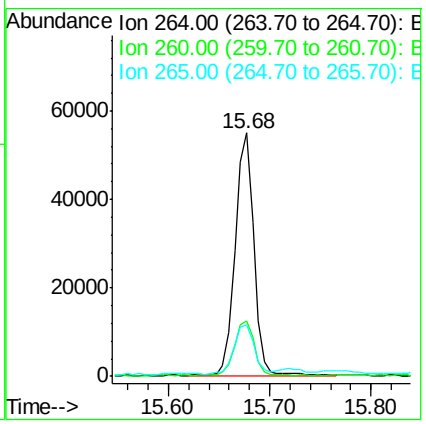


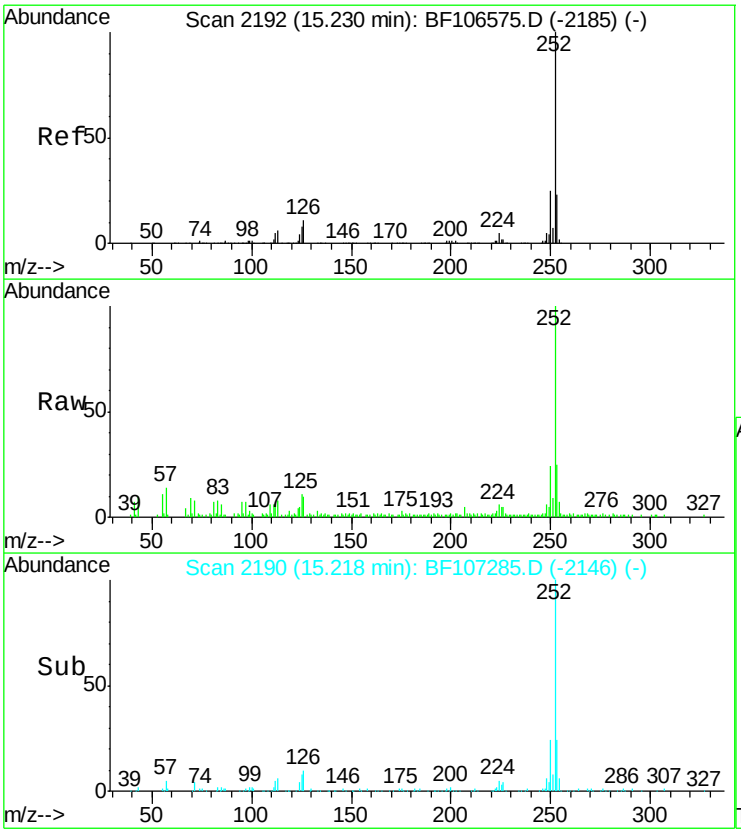
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:264 Resp: 71984

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.5	26.3

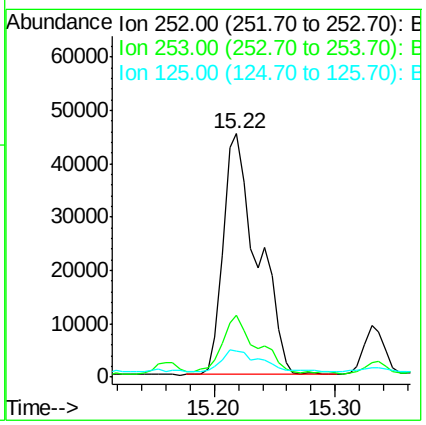


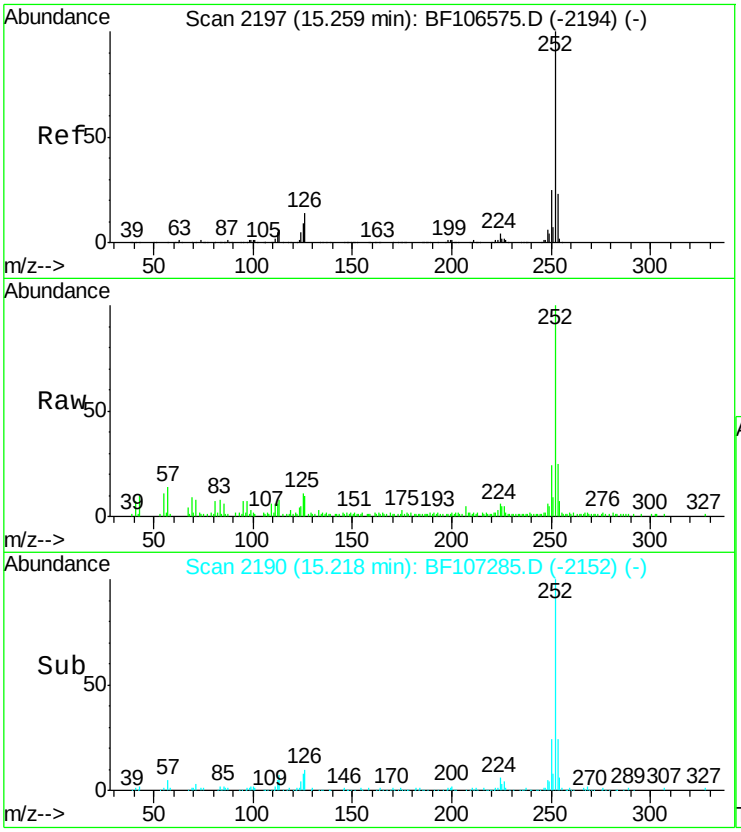


#87
Benzo(b)fluoranthene
Concen: 19.970 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:252 Resp: 89300

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	10.7	9.0	13.6



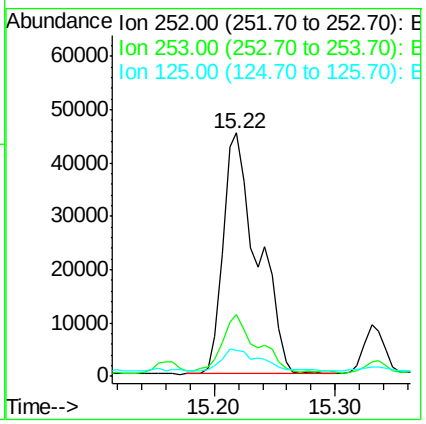


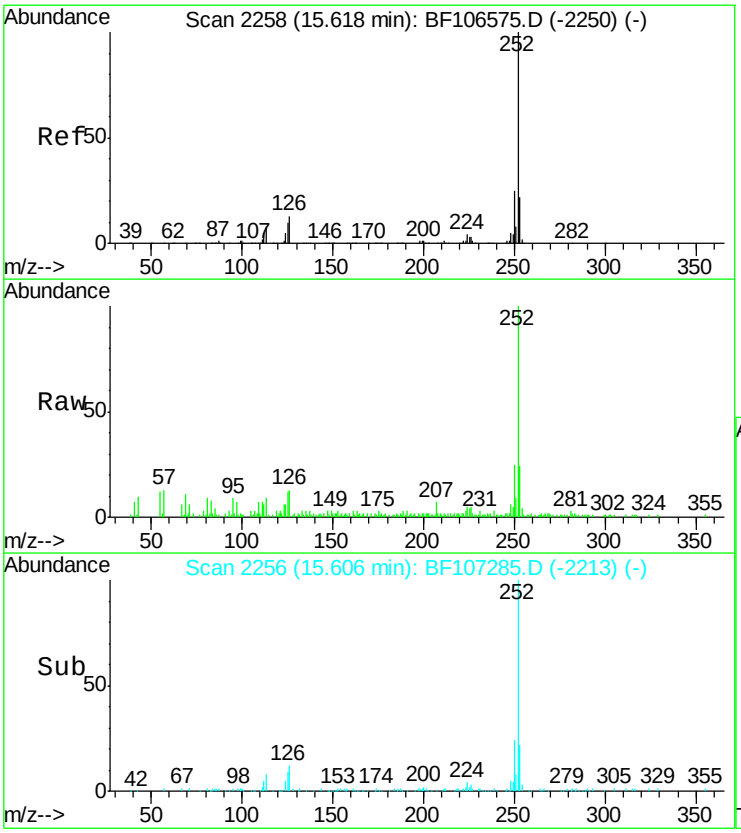
#88
Benzo(k)fluoranthene
Concen: 20.979 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:252 Resp: 89334

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	10.7	10.2	15.2

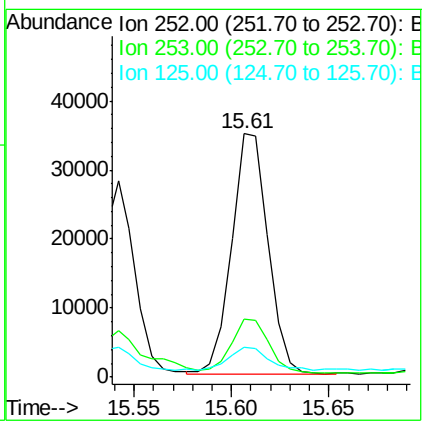


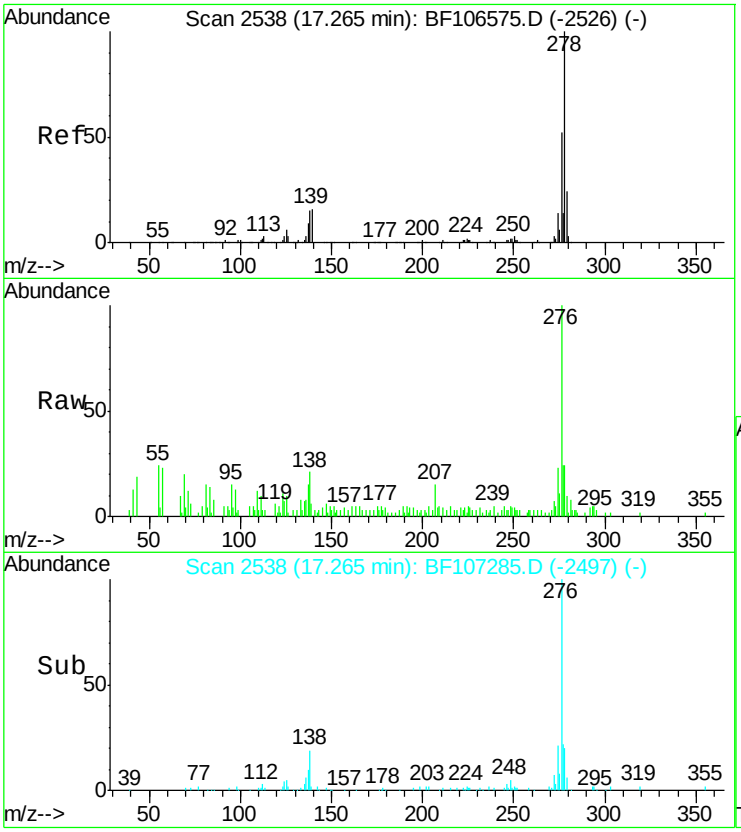


#89
Benzo(a)pyrene
Concen: 11.372 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:252 Resp: 45207

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	12.0	9.8	14.6



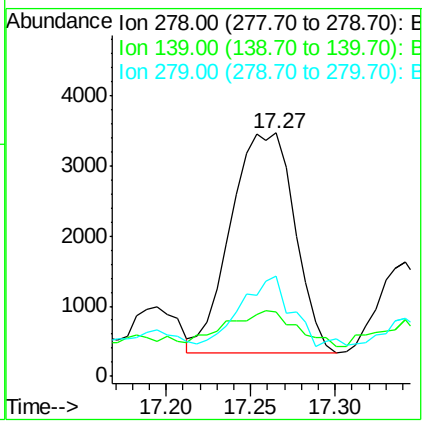


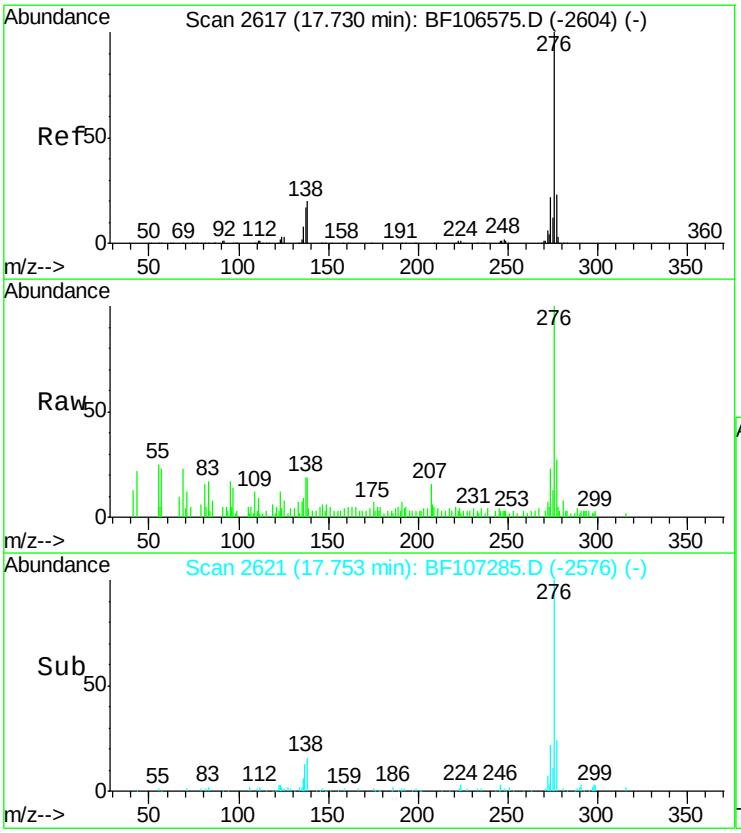
#90
Dibenzo(a,h)anthracene
Concen: 2.445 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-19RE

Tgt Ion:278 Resp: 8237

Ion	Ratio	Lower	Upper
278	100		
139	26.3	15.9	23.9#
279	41.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.332 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.04 min
Lab File: BF107285.D
Acq: 10 Jul 2018 20:49

Tgt Ion:276 Resp: 30728

Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	19.0	21.8	32.8#