Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107217.D
Acq On : 7 Jul 2018 19:58
Operator : JU/SJ
Sample : J3880-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-16

Quant Time: Jul 09 02:17:44 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	6.95	152	43182	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	147803	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	66903	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	133652	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	98142	20.00	ng		-0.02
86) Perylene-d12	15.69	264	75847	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	246069	96.49	ng		0.00
7) Phenol-d6	6.60	99	291111	91.41	ng		-0.02
23) Nitrobenzene-d5	7.51	82	163115	61.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	73917	95.32	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	309414	76.87	ng		-0.02
78) Terphenyl-d14	13.07	244	376433	92.91	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	20120	9.585	ng	#	74
25) Isophorone	7.51	82	163114	34.804	ng	#	64
49) Dimethylphthalate	9.70	163	77507	15.446	ng		98
56) 2,4-Dinitrotoluene	9.99	165	8649	6.236	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	4654	2.918	ng	#	1
70) Phenanthrene	11.51	178	41933	6.505	ng		98
71) Anthracene	11.57	178	16186	2.460	ng		96
74) Fluoranthene	12.71	202	110854	15.602	ng		96
77) Pyrene	12.94	202	107930	16.677	ng		98
80) Benzo(a)anthracene	14.13	228	49490	8.274	ng		97
82) Chrysene	14.17	228	47293	8.594	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	24435	5.232	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	70550	14.974	ng		93
88) Benzo(k)fluoranthene	15.22	252	70550	15.724	ng		96
89) Benzo(a)pyrene	15.62	252	35494	8.474	ng	#	89
91) Benzo(g,h,i)perylene	17.77	276	24842	7.160	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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SURCHARGE-SP-16

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QLast Update : Fri Jun 29 14:38:29 2018
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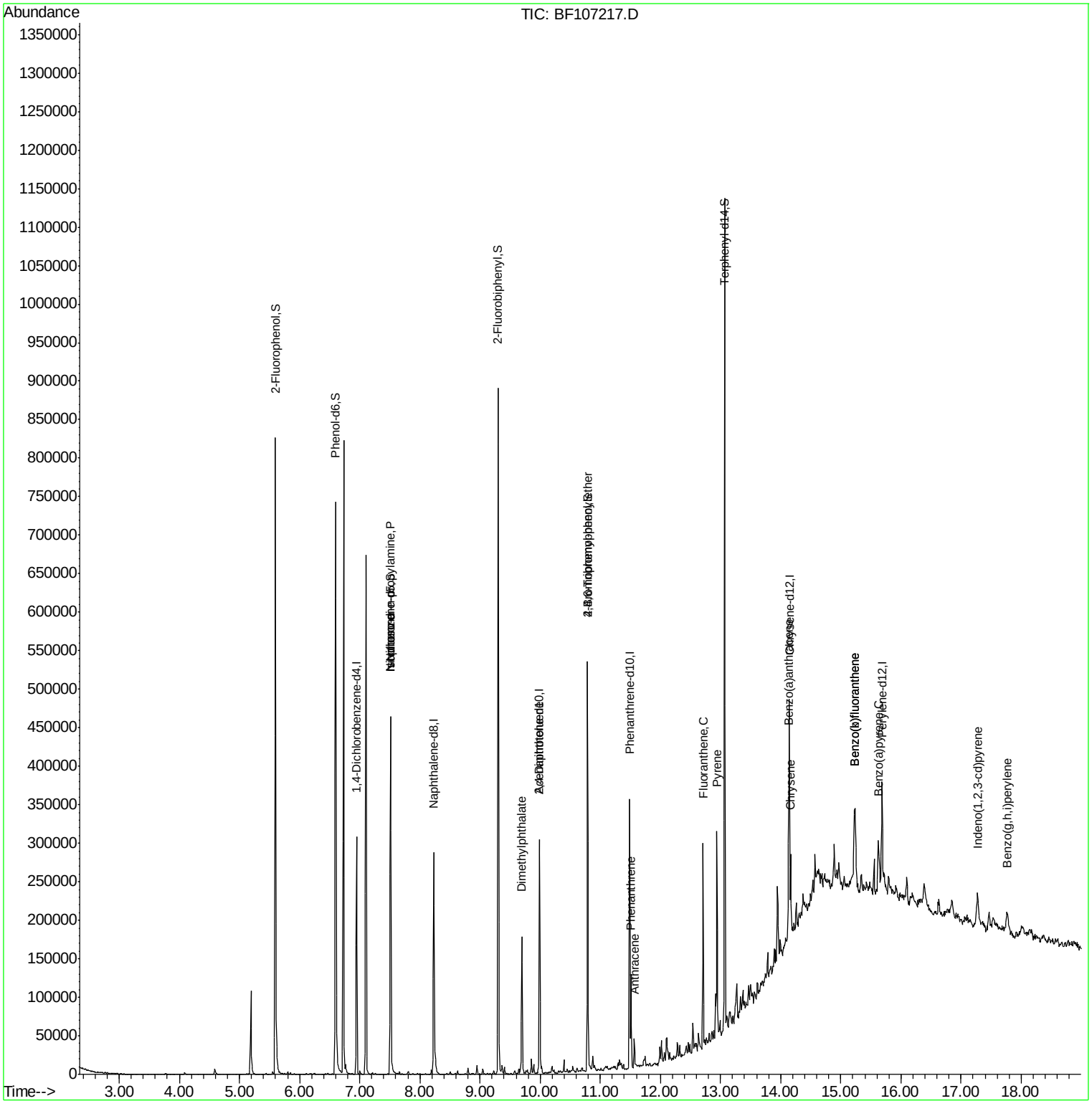
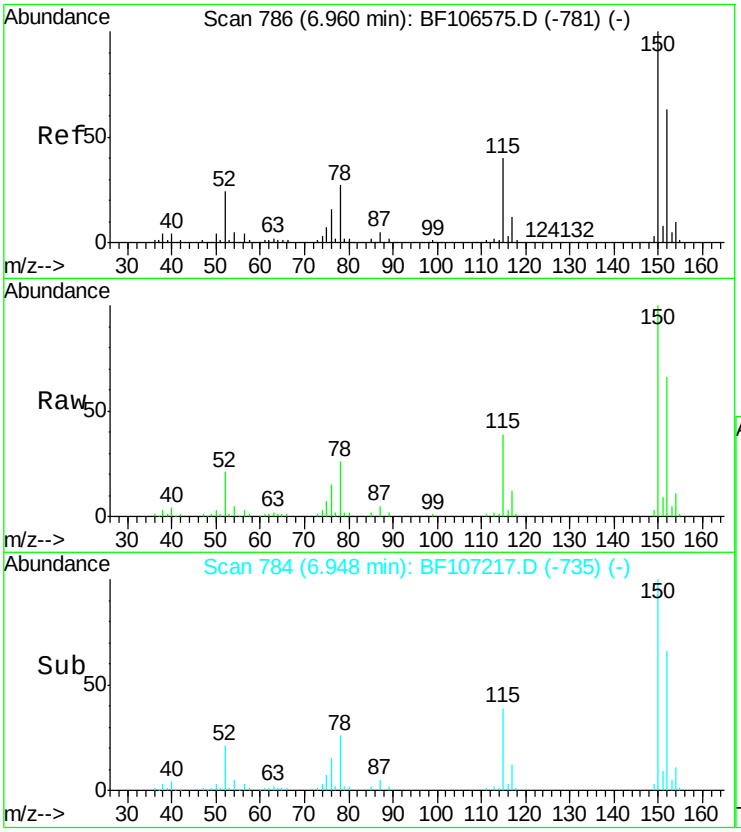


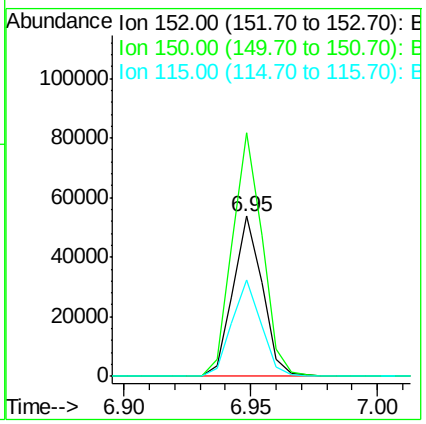


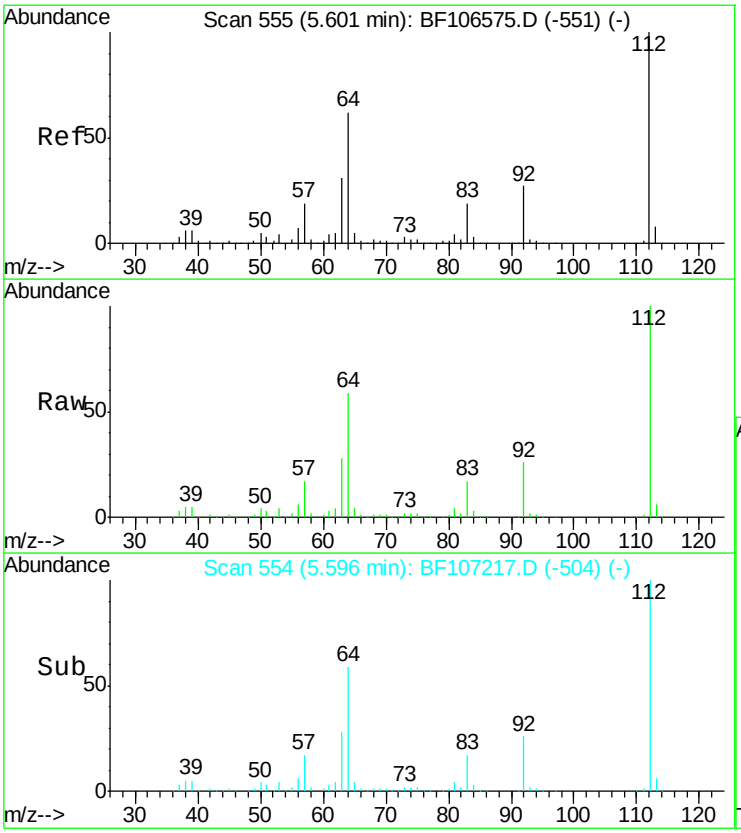
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:152 Resp: 43182

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	60.0	50.1	75.1

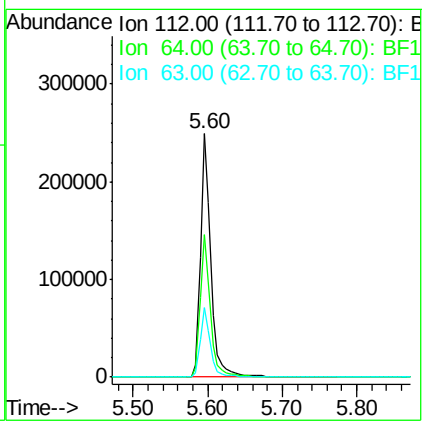


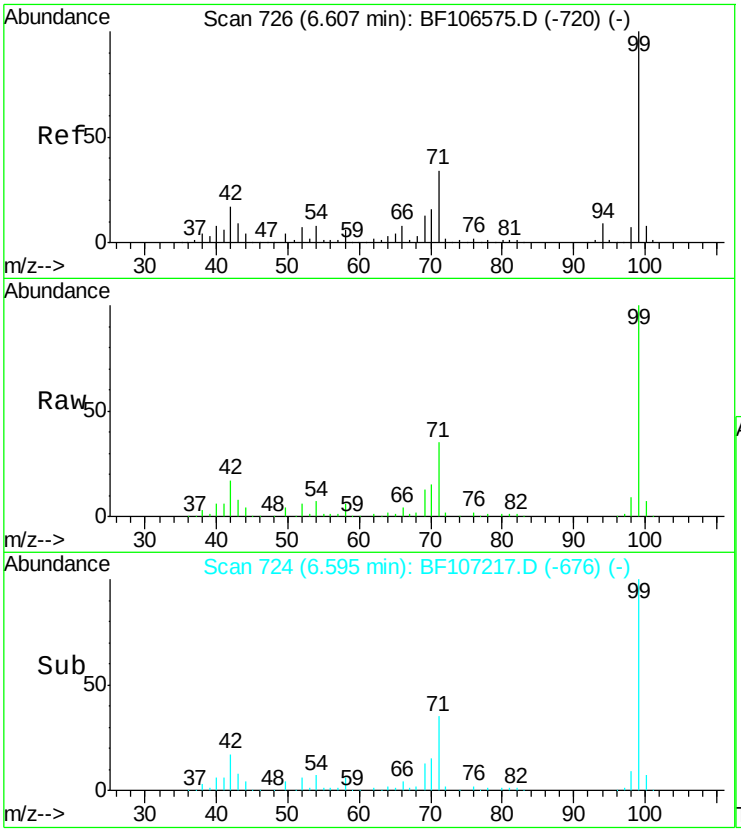


#5
2-Fluorophenol
Concen: 96.492 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:112 Resp: 246069

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.3	23.7	35.5



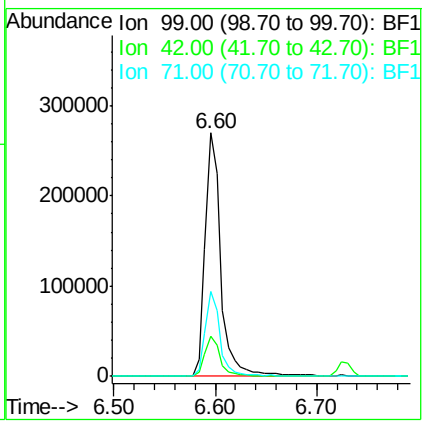


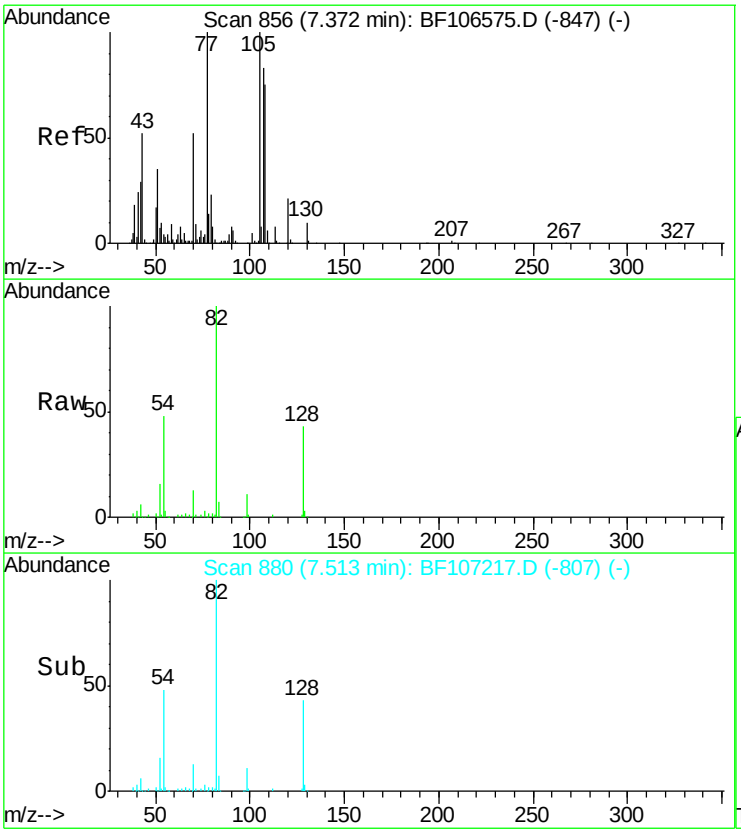
#7
Phenol-d6
Concen: 91.411 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion: 99 Resp: 291111

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.6	25.4	38.0

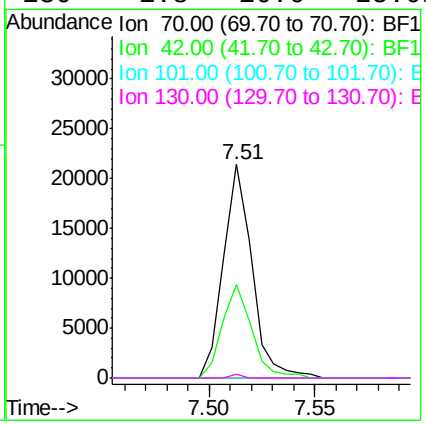


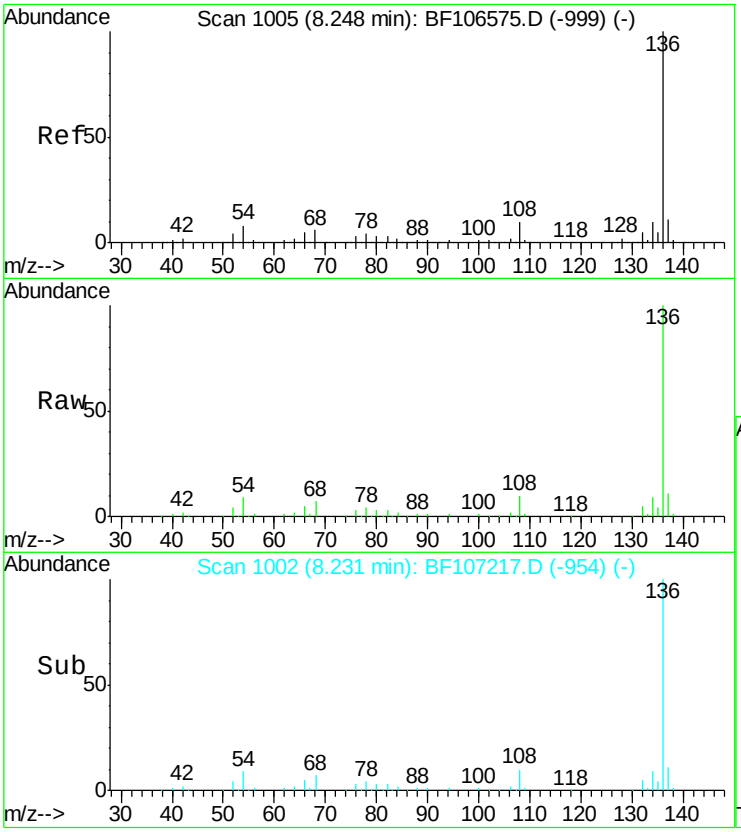


#19
n-Nitroso-di-n-propylamine
Concen: 9.585 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion: 70 Resp: 20120

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



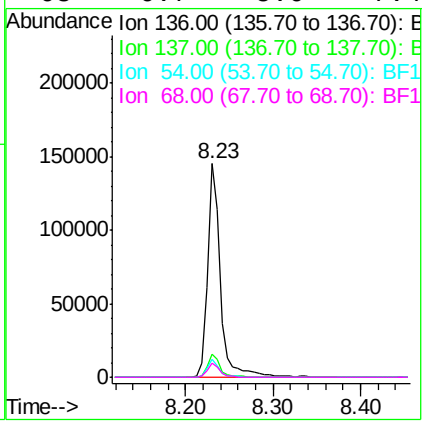


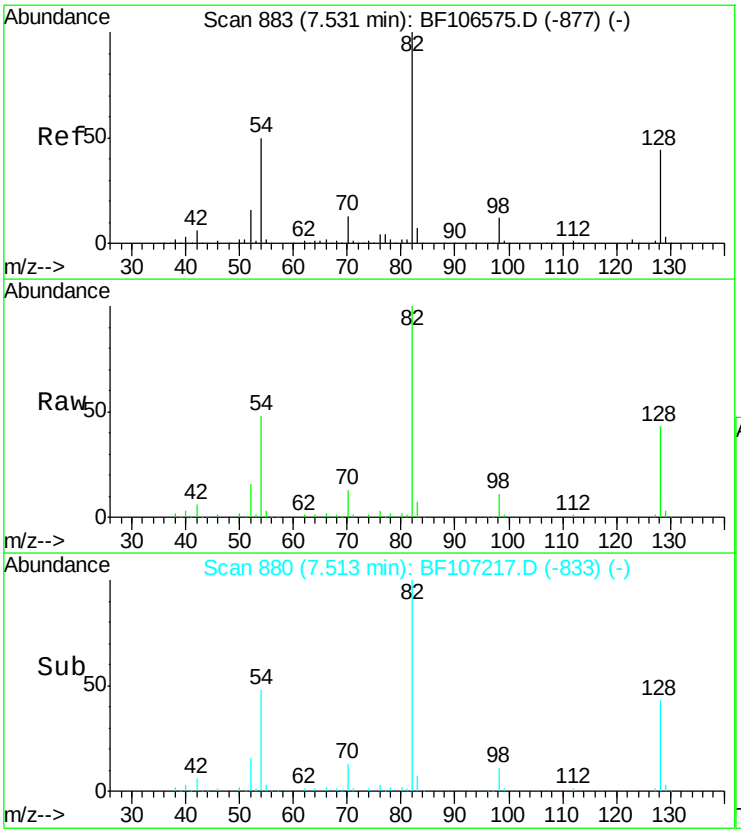
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:136 Resp: 147803

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4

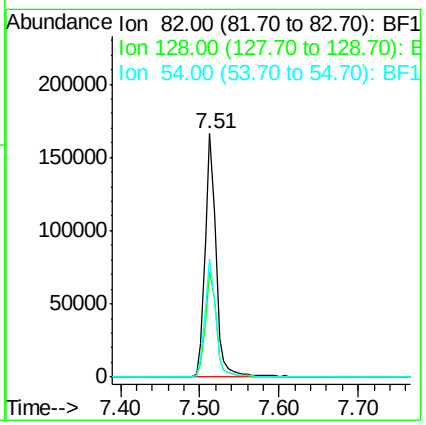


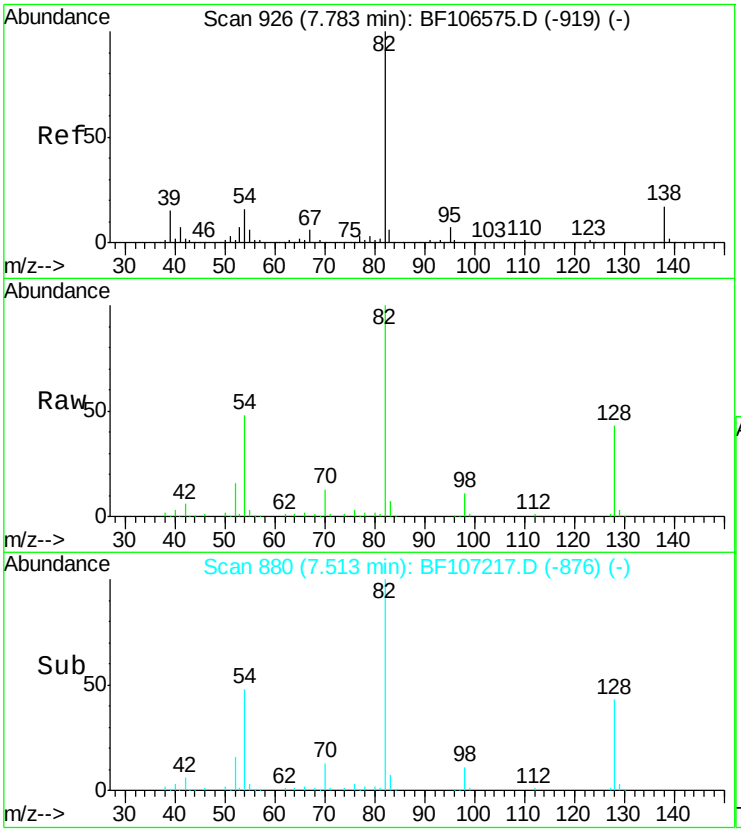


#23
Nitrobenzene-d5
Concen: 61.331 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion: 82 Resp: 163115

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	48.4	41.4	62.2



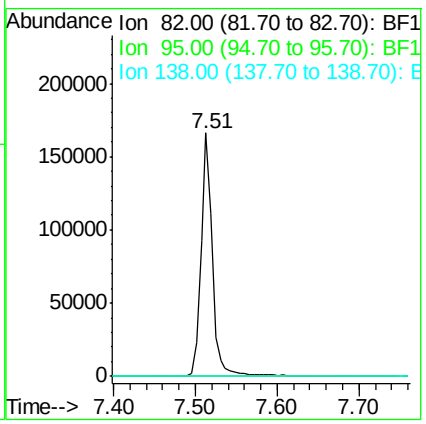


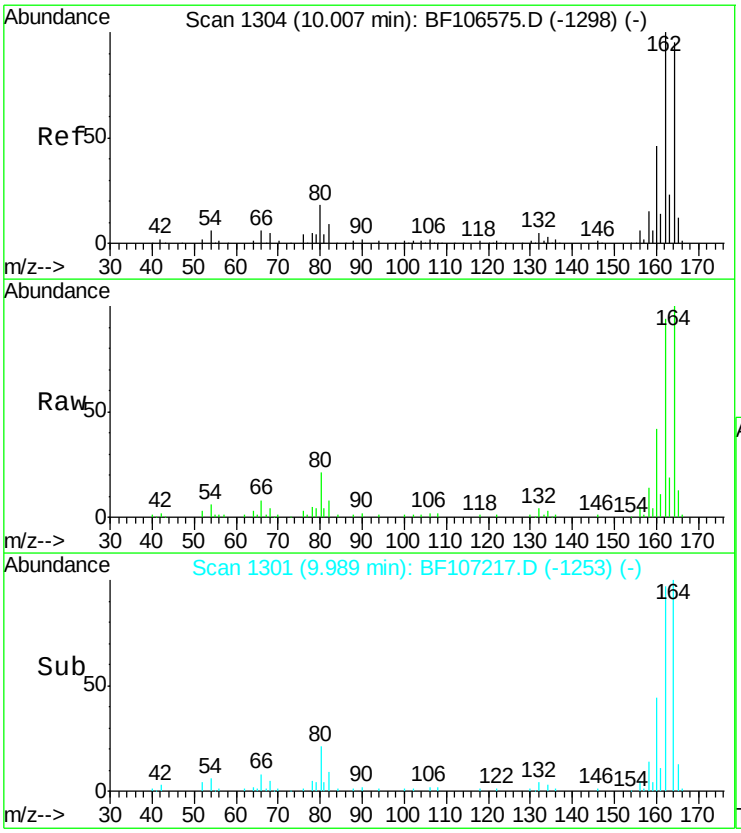
#25
Isophorone
Concen: 34.804 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion: 82 Resp: 163114

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

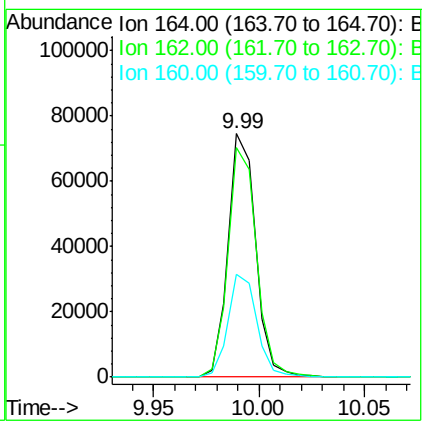


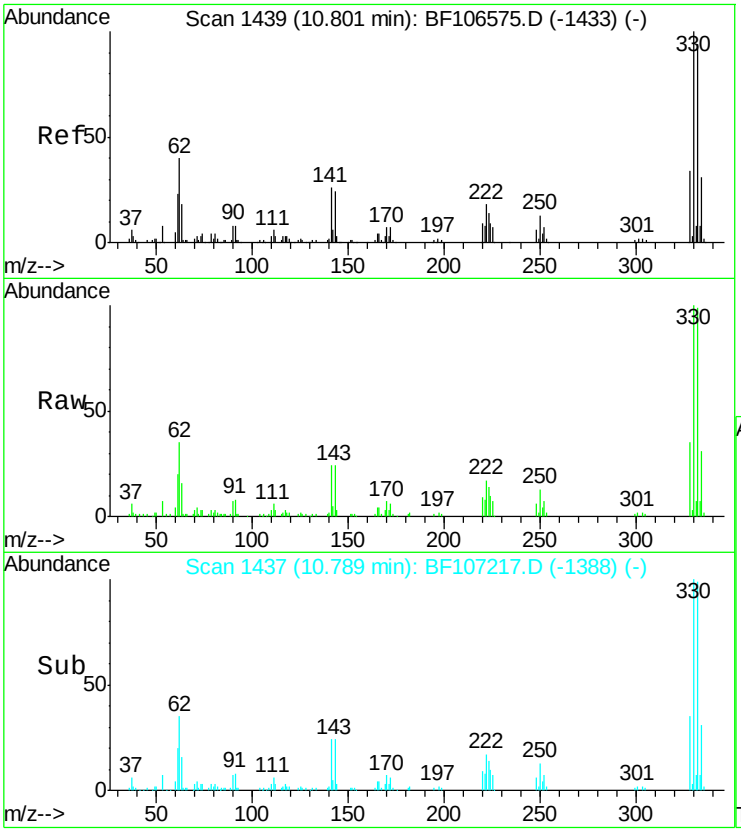


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:164 Resp: 66903

Ion	Ratio	Lower	Upper
164	100		
162	94.1	86.1	129.1
160	42.5	38.3	57.5



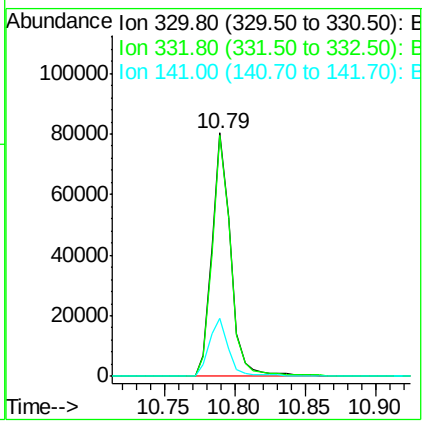


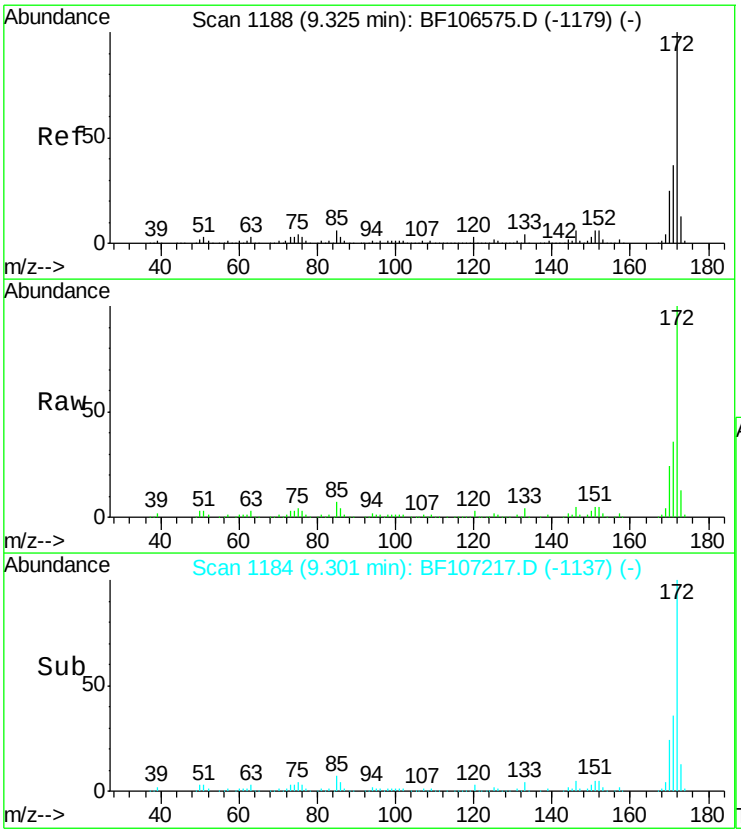
#41
2,4,6-Tribromophenol
Concen: 95.325 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:330 Resp: 73917

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	24.6	29.9	44.9#

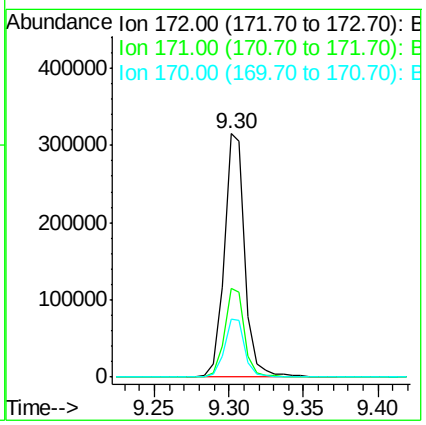


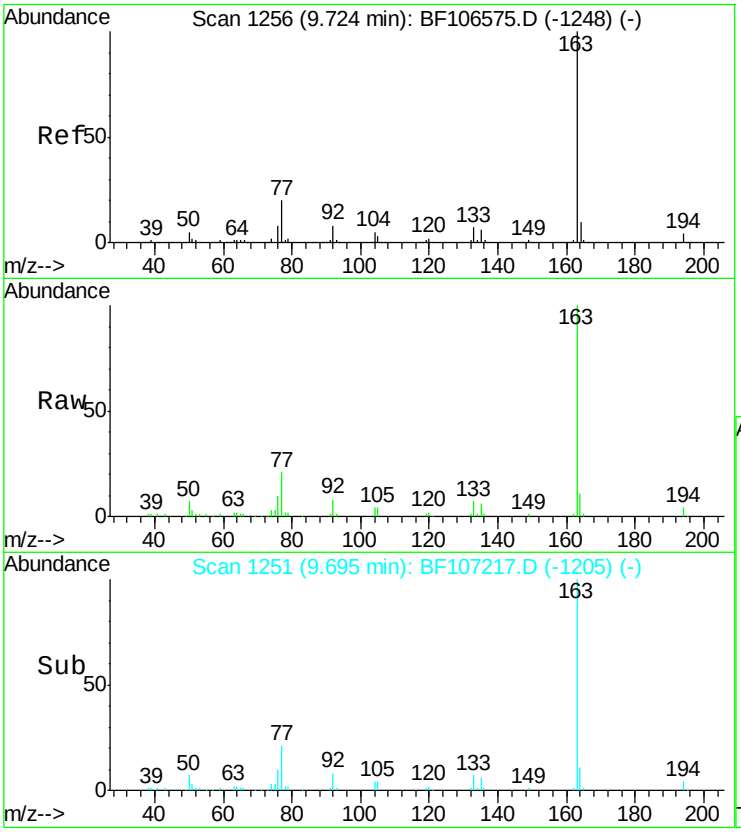


#44
2-Fluorobiphenyl
Concen: 76.870 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:172 Resp: 309414

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4



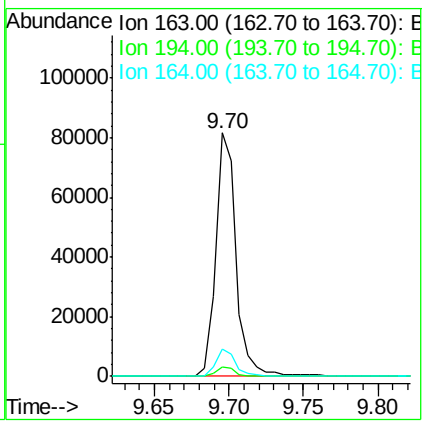


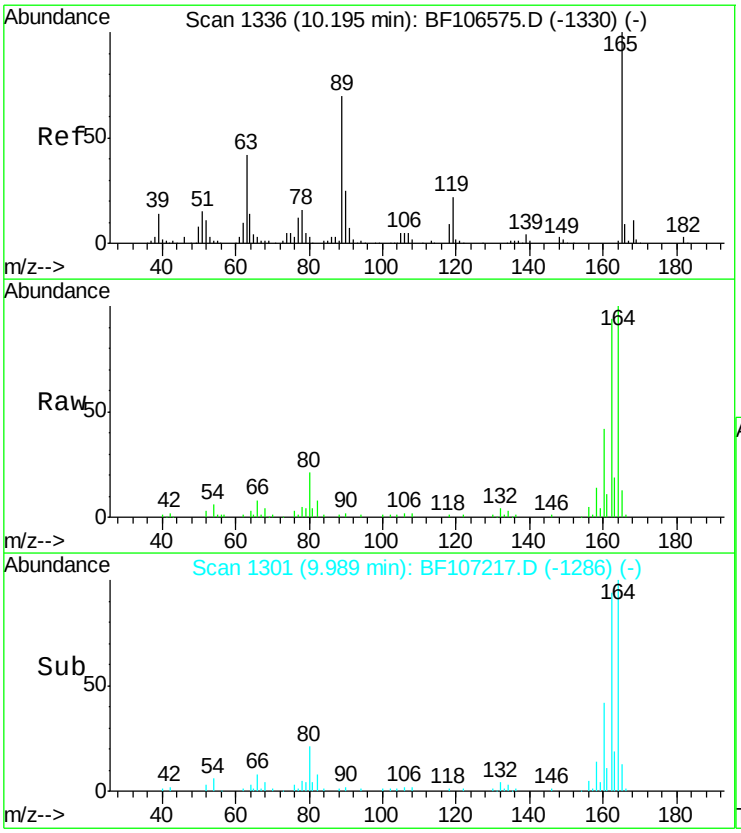
#49
Dimethylphthalate
Concen: 15.446 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:163 Resp: 77507

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

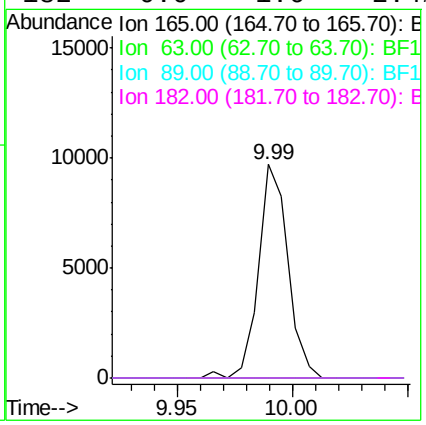


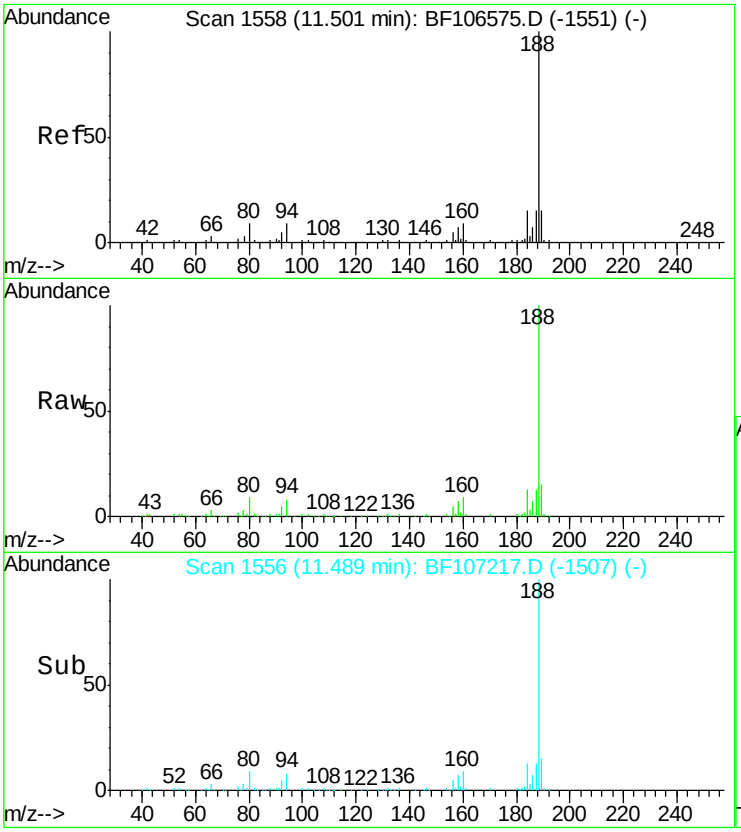


#56
2,4-Dinitrotoluene
Concen: 6.236 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:165 Resp: 8649

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#



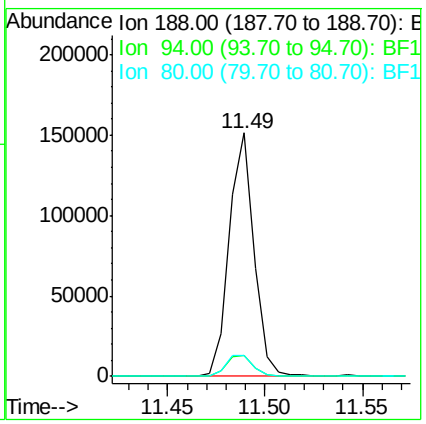


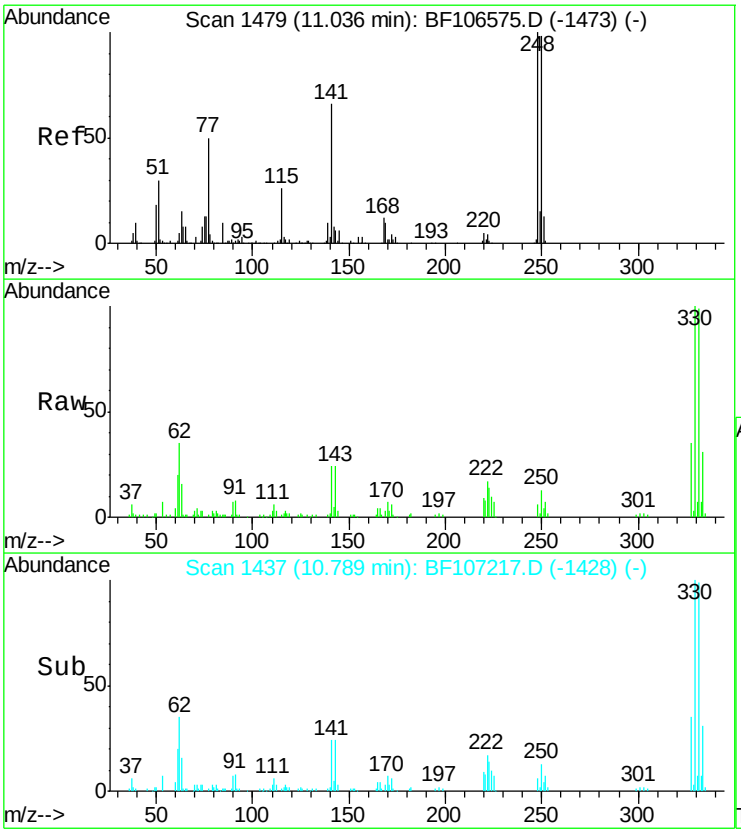
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:188 Resp: 133652

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.6	9.2	13.8#

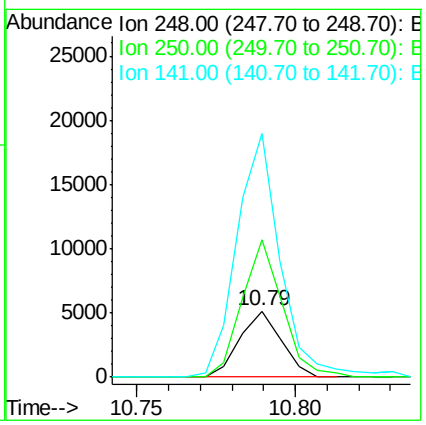


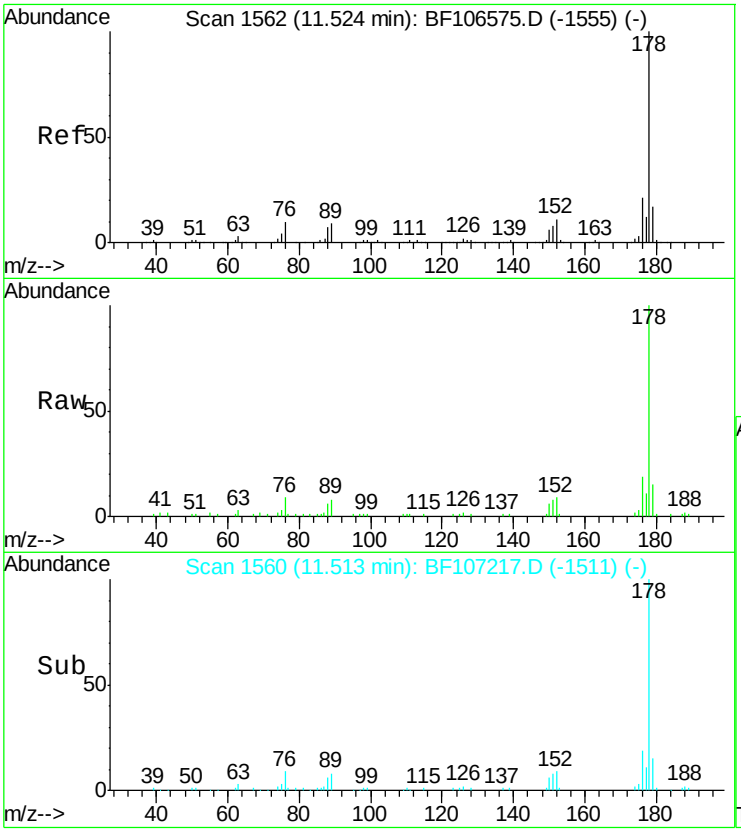


#66
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:248 Resp: 4654

Ion	Ratio	Lower	Upper
248	100		
250	208.3	76.9	115.3#
141	370.0	74.4	111.6#



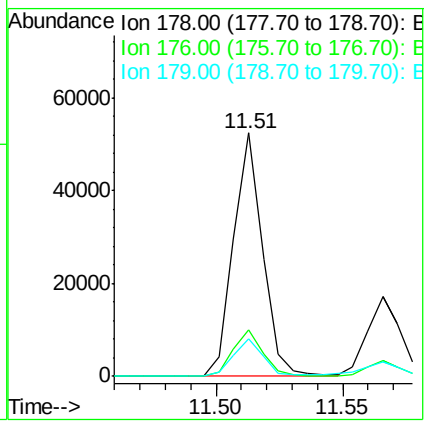


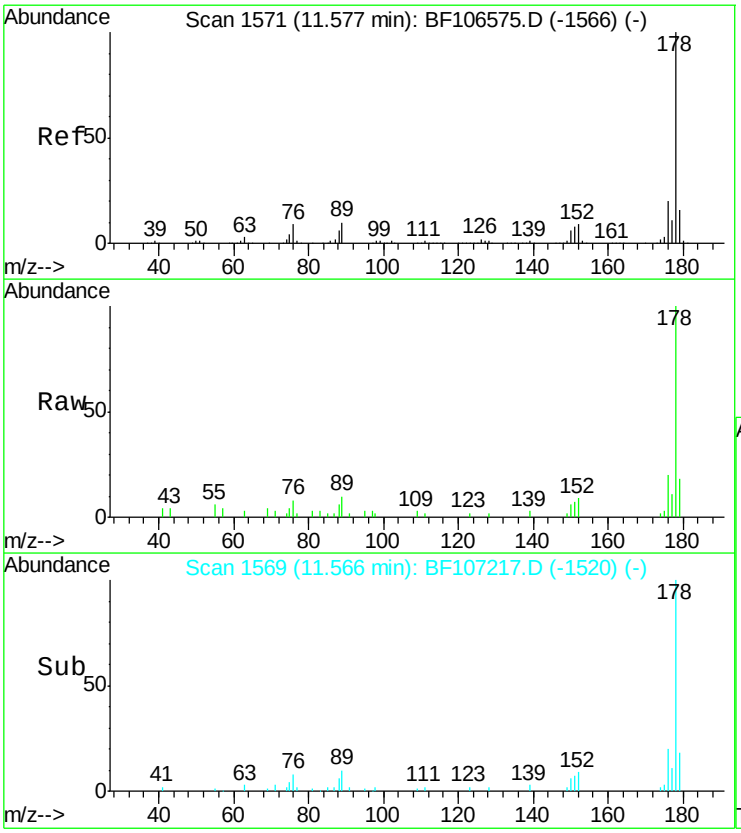
#70
Phenanthrene
Concen: 6.505 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:178 Resp: 41933

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

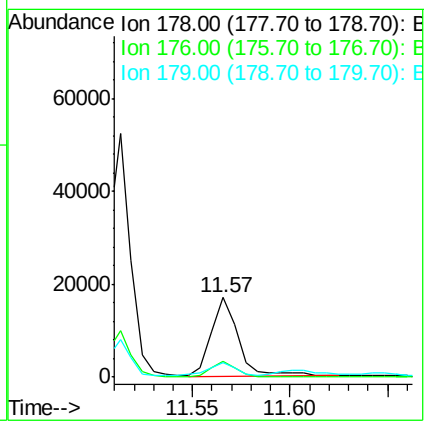


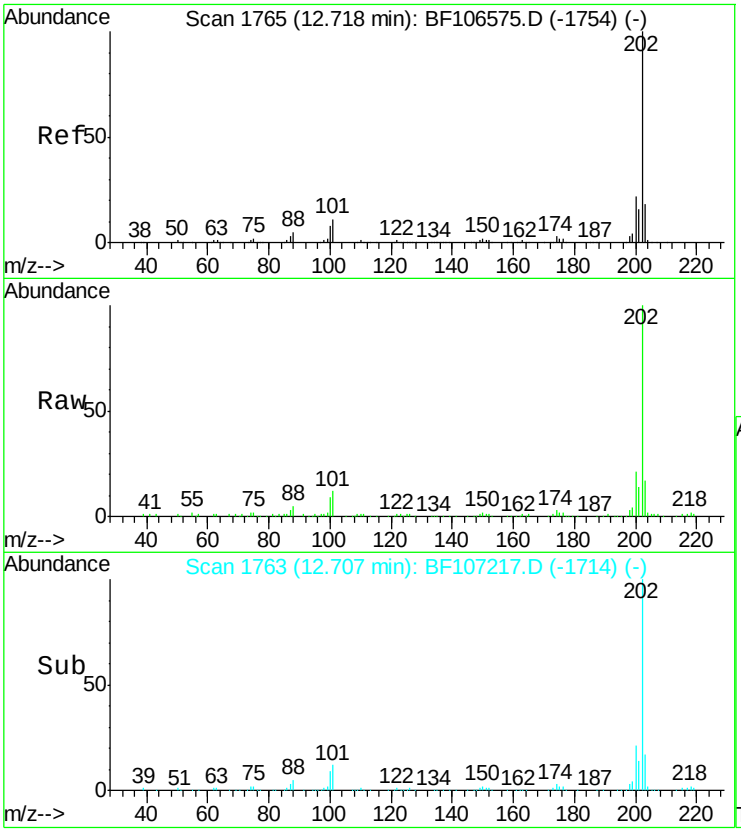


#71
Anthracene
Concen: 2.460 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:178 Resp: 16186

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	18.1	12.6	19.0



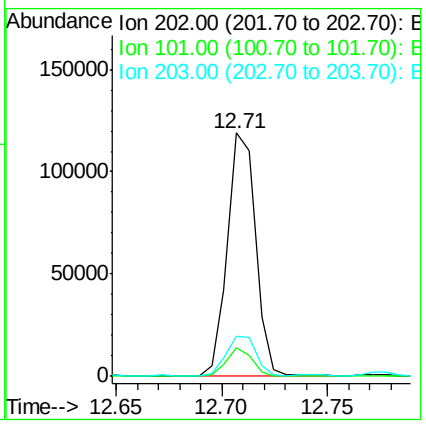


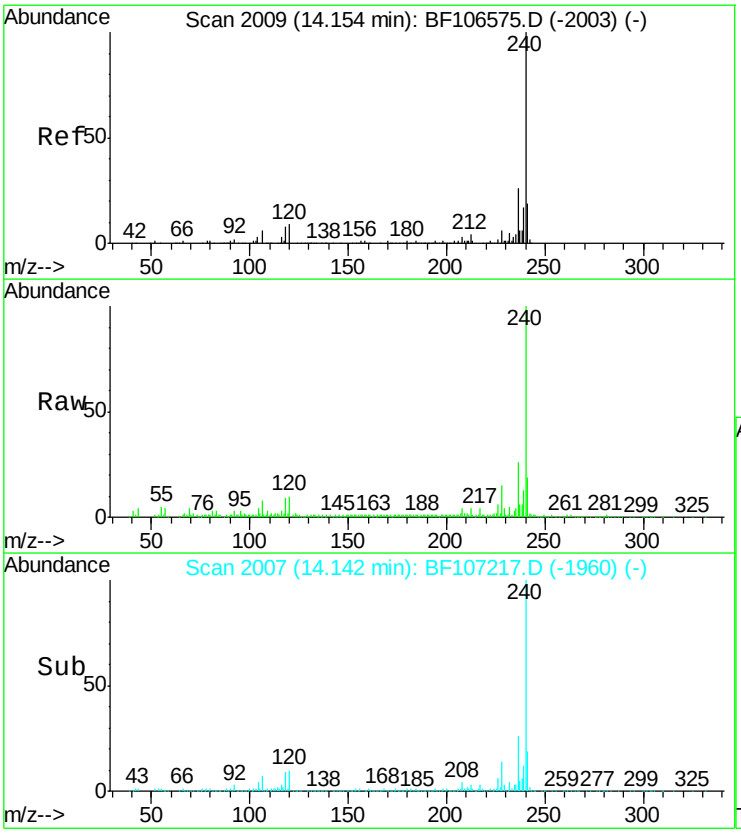
#74
Fluoranthene
Concen: 15.602 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:202 Resp: 110854

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.6	0.0	38.1

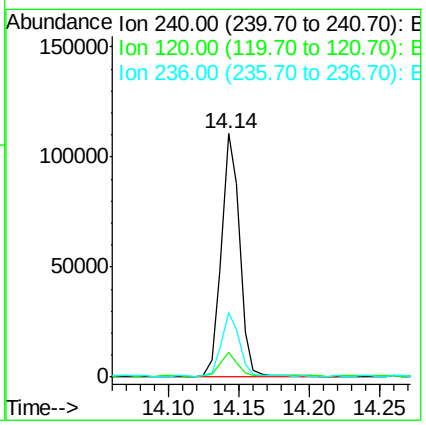


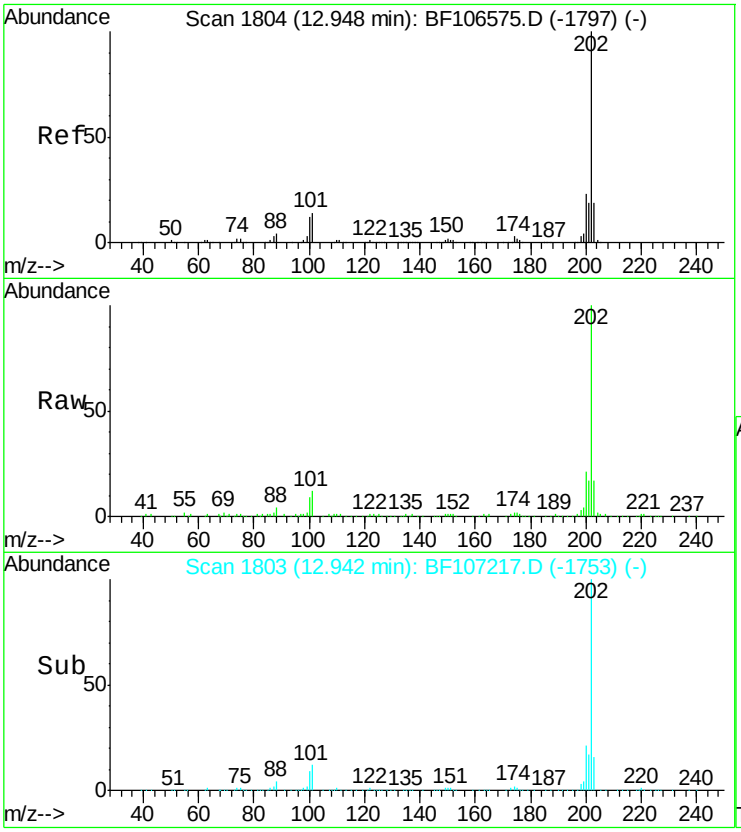


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:240 Resp: 98142

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.4	20.7	31.1



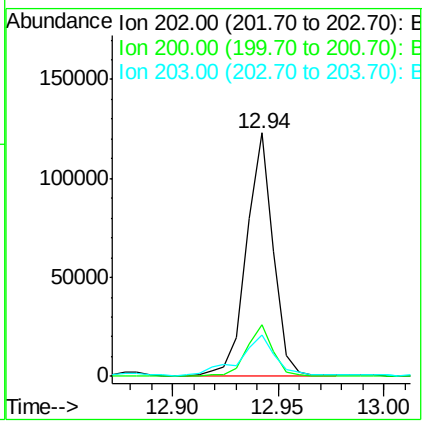


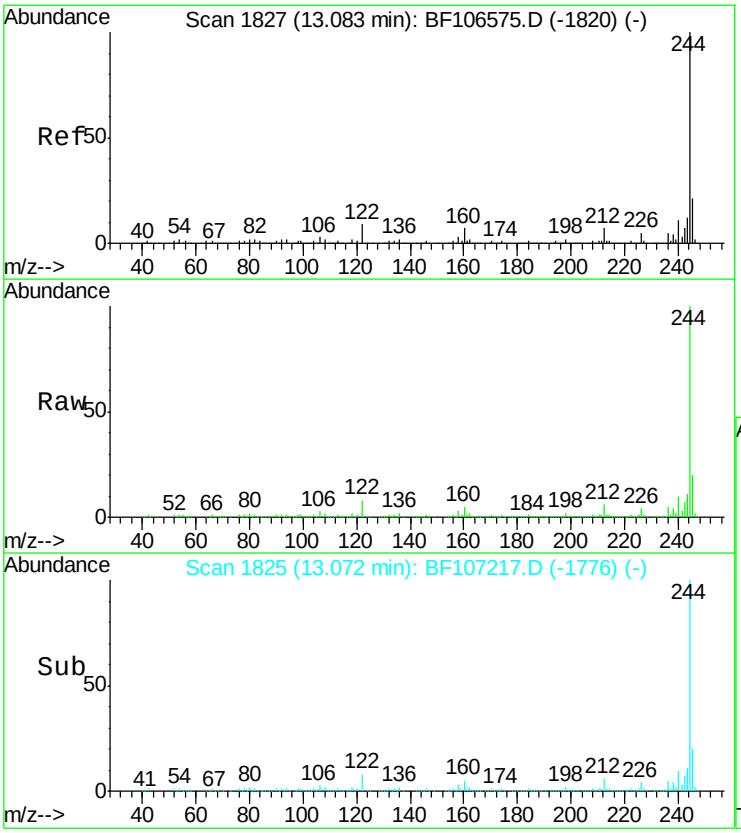
#77
Pyrene
Concen: 16.677 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:202 Resp: 107930

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.0	14.3	21.5

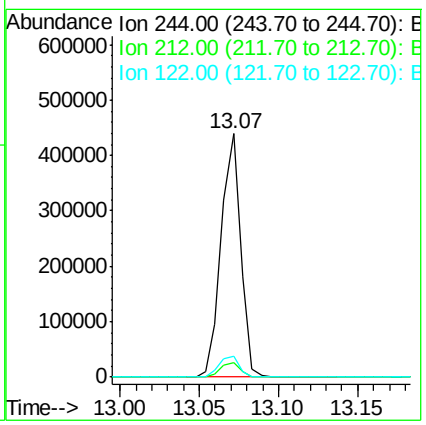


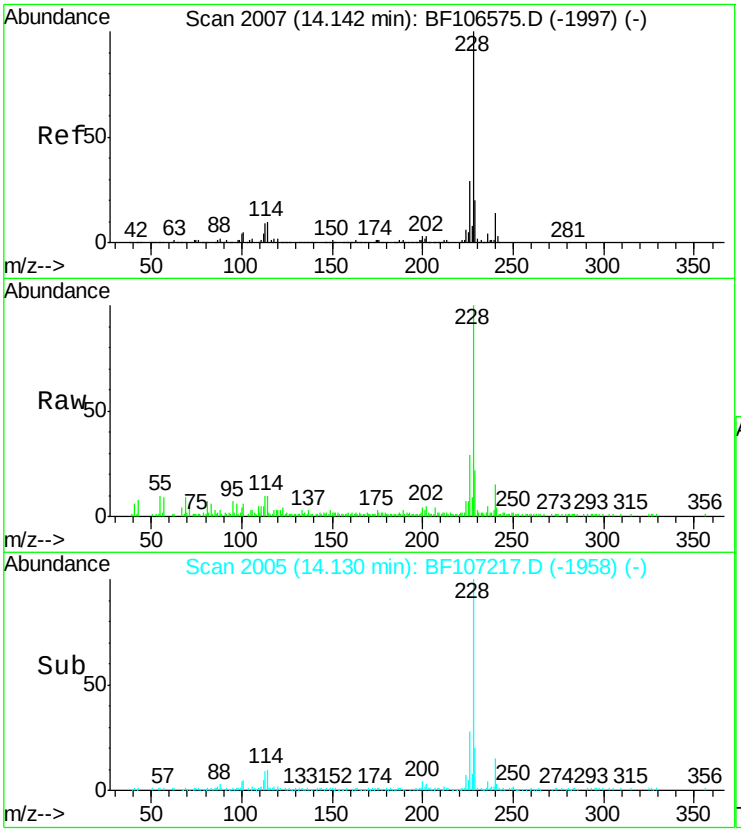


#78
Terphenyl-d14
Concen: 92.910 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:244 Resp: 376433

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	8.4	11.0	16.4#



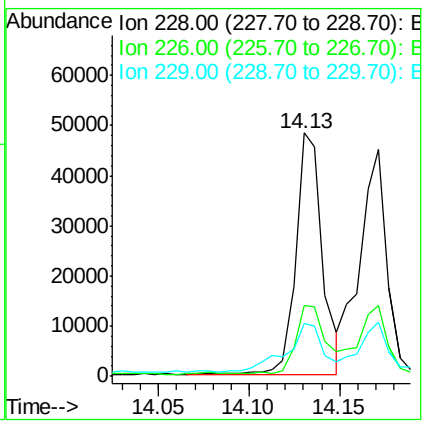


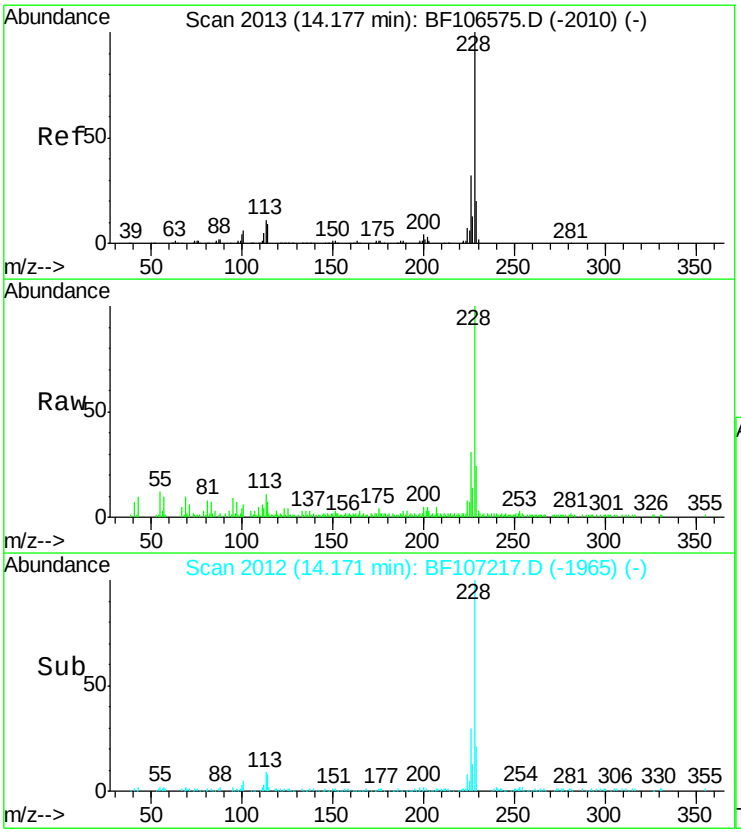
#80
Benzo(a)anthracene
Concen: 8.274 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:228 Resp: 49490

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.6	15.8	23.6

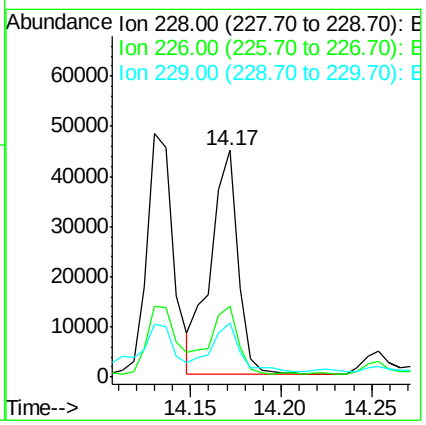


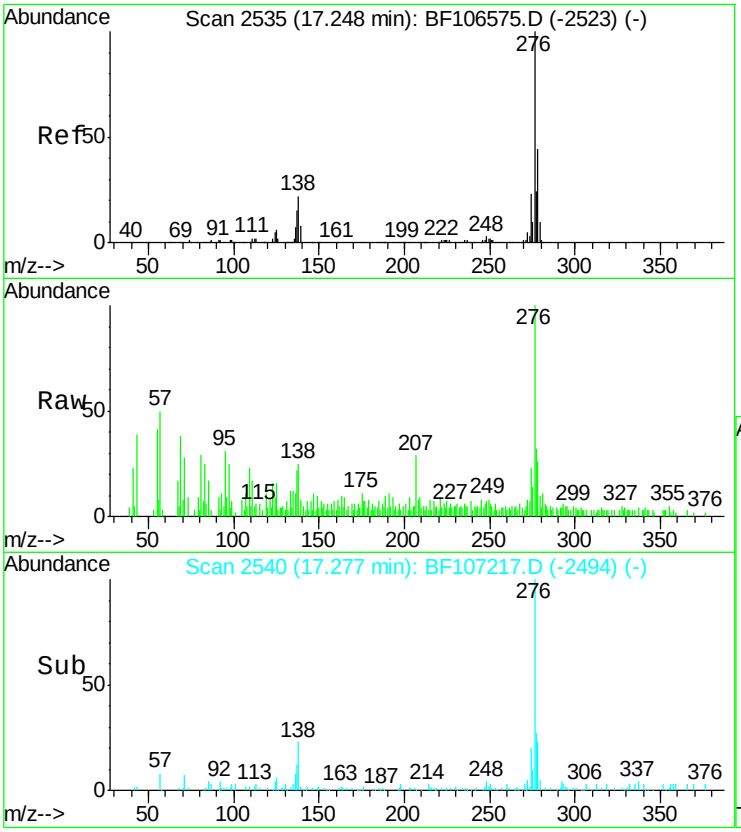


#82
Chrysene
Concen: 8.594 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:228 Resp: 47293

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.7	16.2	24.4



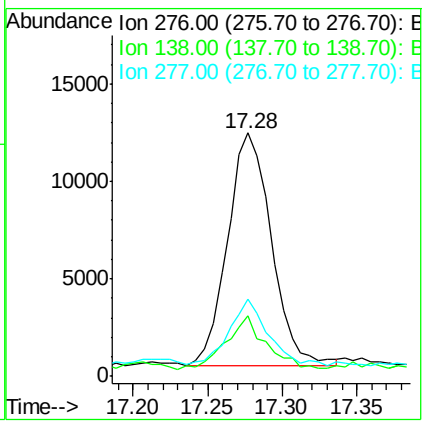


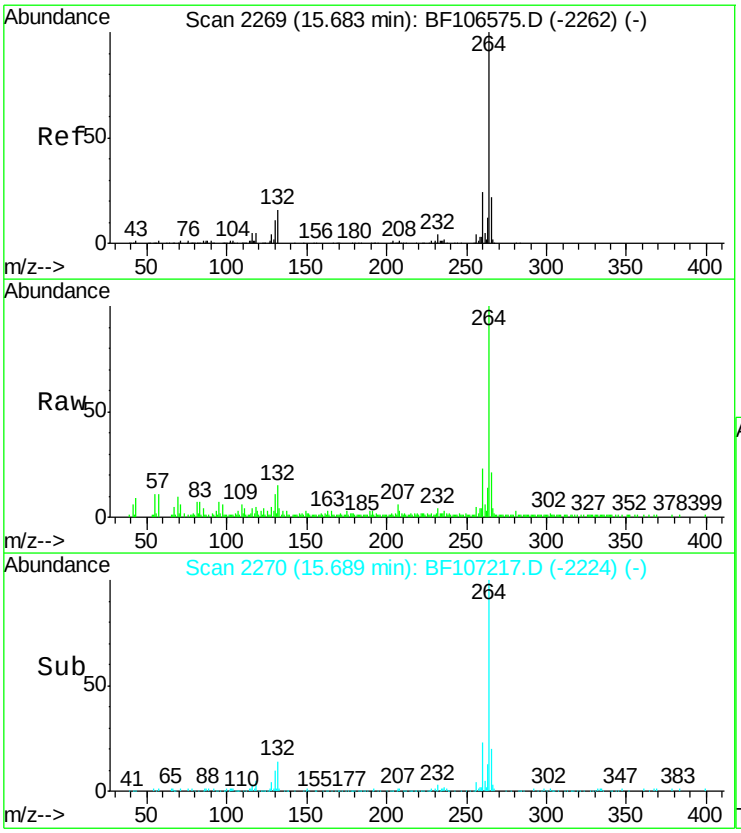
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.232 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:276 Resp: 24435

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.8	20.1	30.1

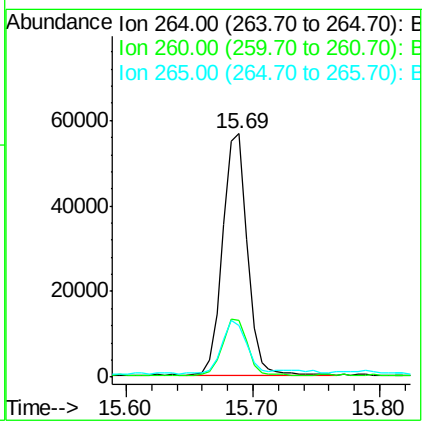


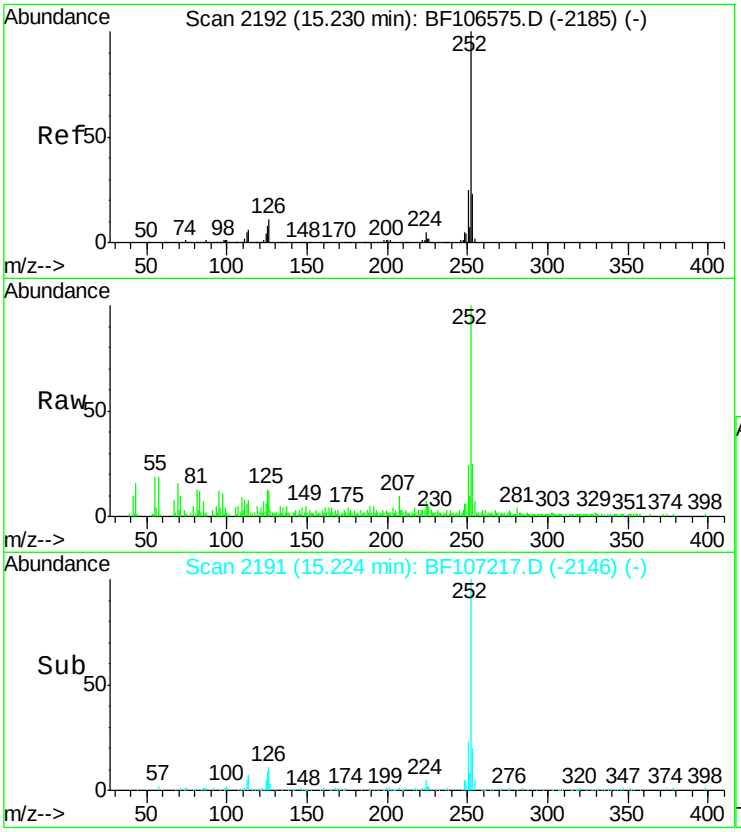


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:264 Resp: 75847

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3



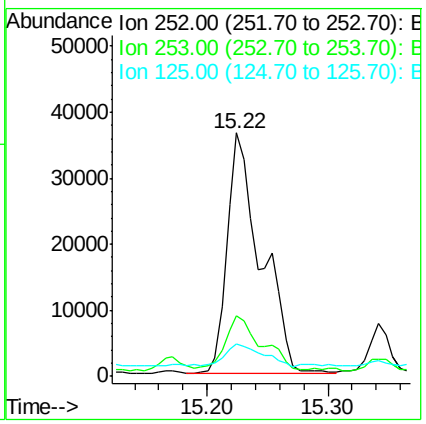


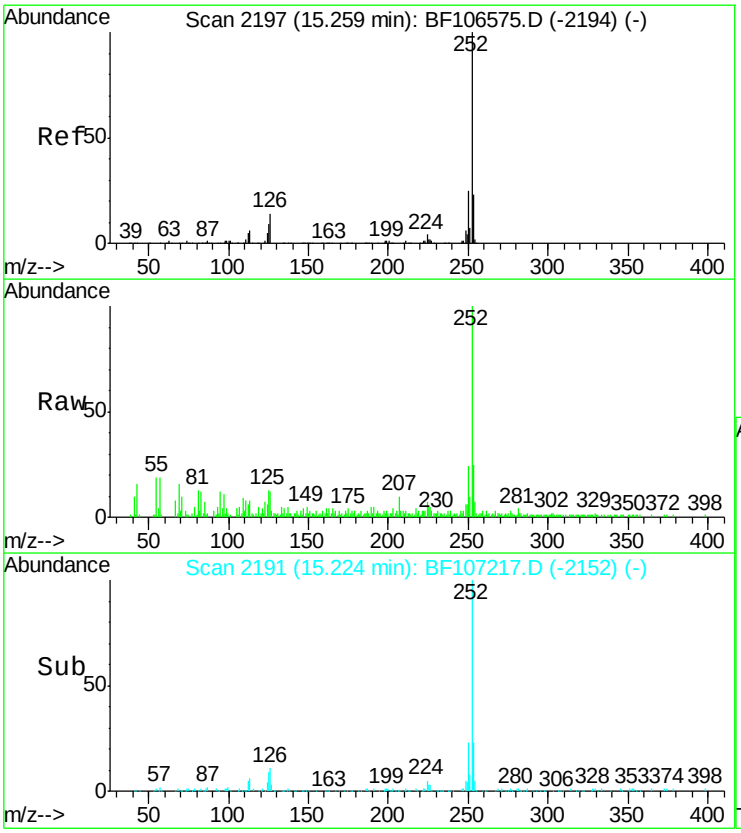
#87
Benzo(b)fluoranthene
Concen: 14.974 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:252 Resp: 70550

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	13.5	9.0	13.6

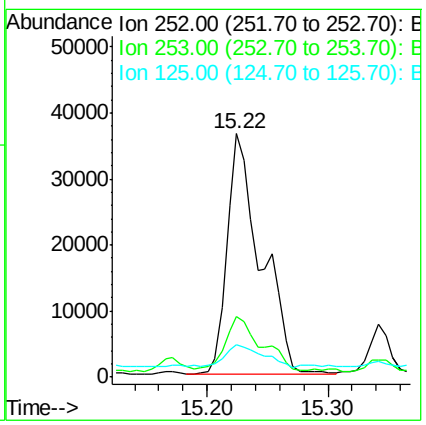


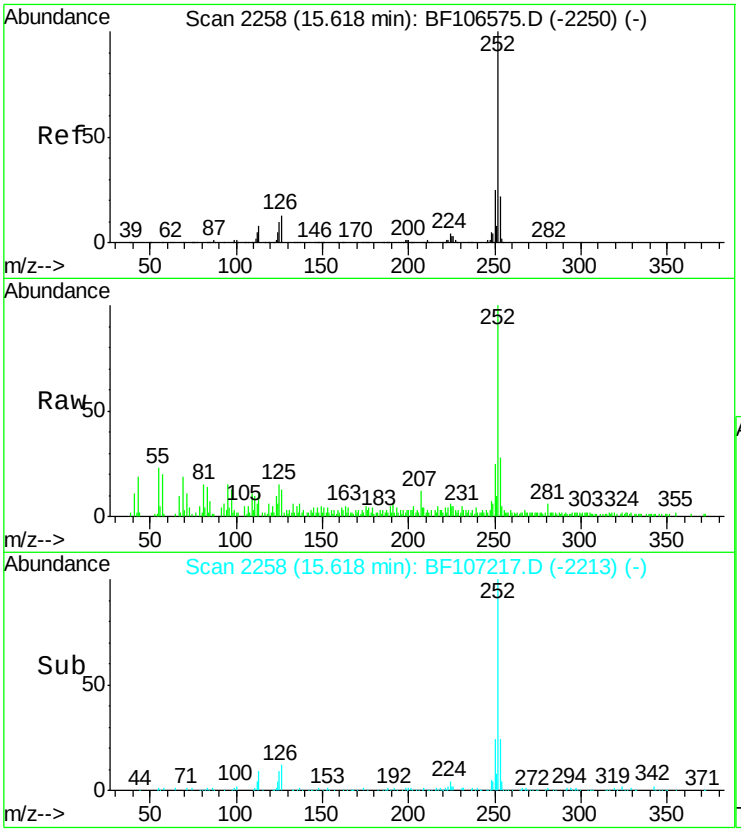


#88
Benzo(k)fluoranthene
Concen: 15.724 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:252 Resp: 70550

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	13.5	10.2	15.2



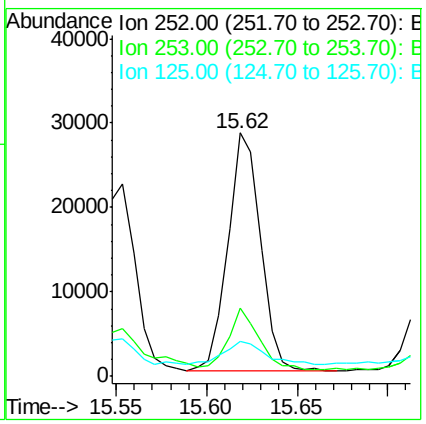


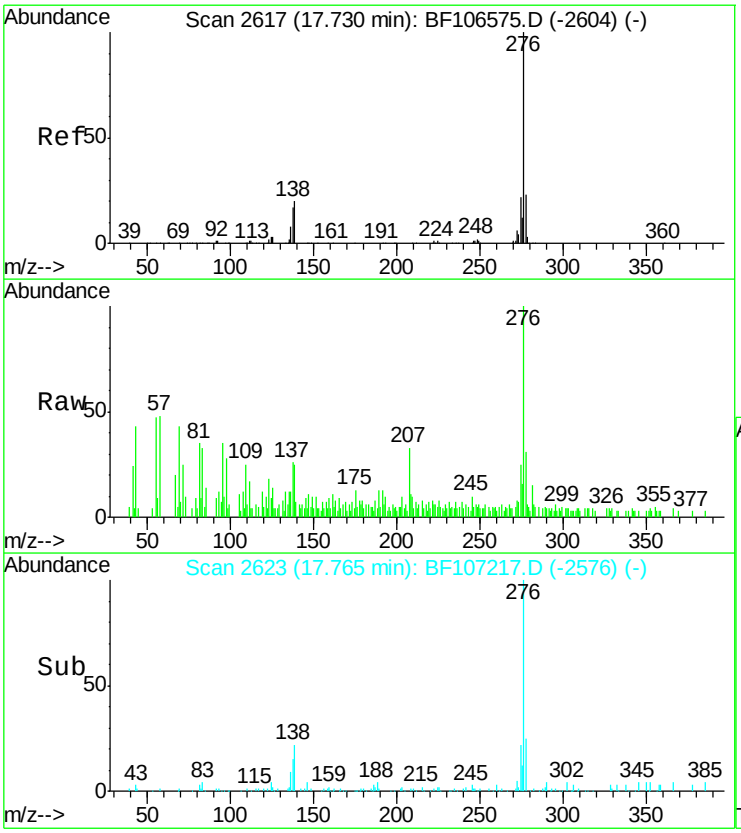
#89
Benzo(a)pyrene
Concen: 8.474 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-16

Tgt Ion:252 Resp: 35494

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.1	25.7#
125	14.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.160 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107217.D
Acq: 7 Jul 2018 19:58

Tgt Ion:276 Resp: 24842

Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	24.7	21.8	32.8