Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Quant Time: Jul 09 02:13:12 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	52885	20.00	ng		-0.02
21) Naphthalene-d8	8.23	136	190098	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	80780	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	141778	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	153392	20.00	ng		-0.03
86) Perylene-d12	15.68	264	123554	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	305221	97.73	ng		-0.01
7) Phenol-d6	6.59	99	374510	96.02	ng		-0.02
23) Nitrobenzene-d5	7.51	82	230958	67.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	90685	96.86	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	410942	86.34	ng		-0.02
78) Terphenyl-d14	13.07	244	445764	70.39	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	30131	11.720	ng	#	74
25) Isophorone	7.51	82	230954	38.315	ng	#	64
31) Naphthalene	8.25	128	19129	2.152	ng		99
49) Dimethylphthalate	9.70	163	60236	9.942	ng	#	99
51) Acenaphthene	10.02	154	14578	2.894	ng		97
55) 4-Nitrophenol	10.20	139	4485	4.352	ng	#	12
56) 2,4-Dinitrotoluene	9.98	165	11164	6.667	ng	#	21
57) Fluorene	10.54	166	14414	2.633	ng	#	99
66) 4-Bromophenyl-phenylether	10.78	248	5523	3.264	ng	#	1
70) Phenanthrene	11.51	178	123495	18.059	ng		96
71) Anthracene	11.56	178	41931	6.007	ng		98
74) Fluoranthene	12.70	202	291613	38.690	ng		96
77) Pyrene	12.94	202	285871	28.262	ng		99
80) Benzo(a)anthracene	14.12	228	184783	19.765	ng		98
82) Chrysene	14.17	228	173949	20.225	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	66360	9.092	ng	#	86
87) Benzo(b)fluoranthene	15.22	252	258130	33.632	ng		95
88) Benzo(k)fluoranthene	15.22	252	258130	35.317	ng	#	96
89) Benzo(a)pyrene	15.61	252	126287	18.509	ng		95
90) Dibenzo(a,h)anthracene	17.26	278	19247	3.329	ng	#	85
91) Benzo(g,h,i)perylene	17.74	276	65700	11.625	ng	#	90

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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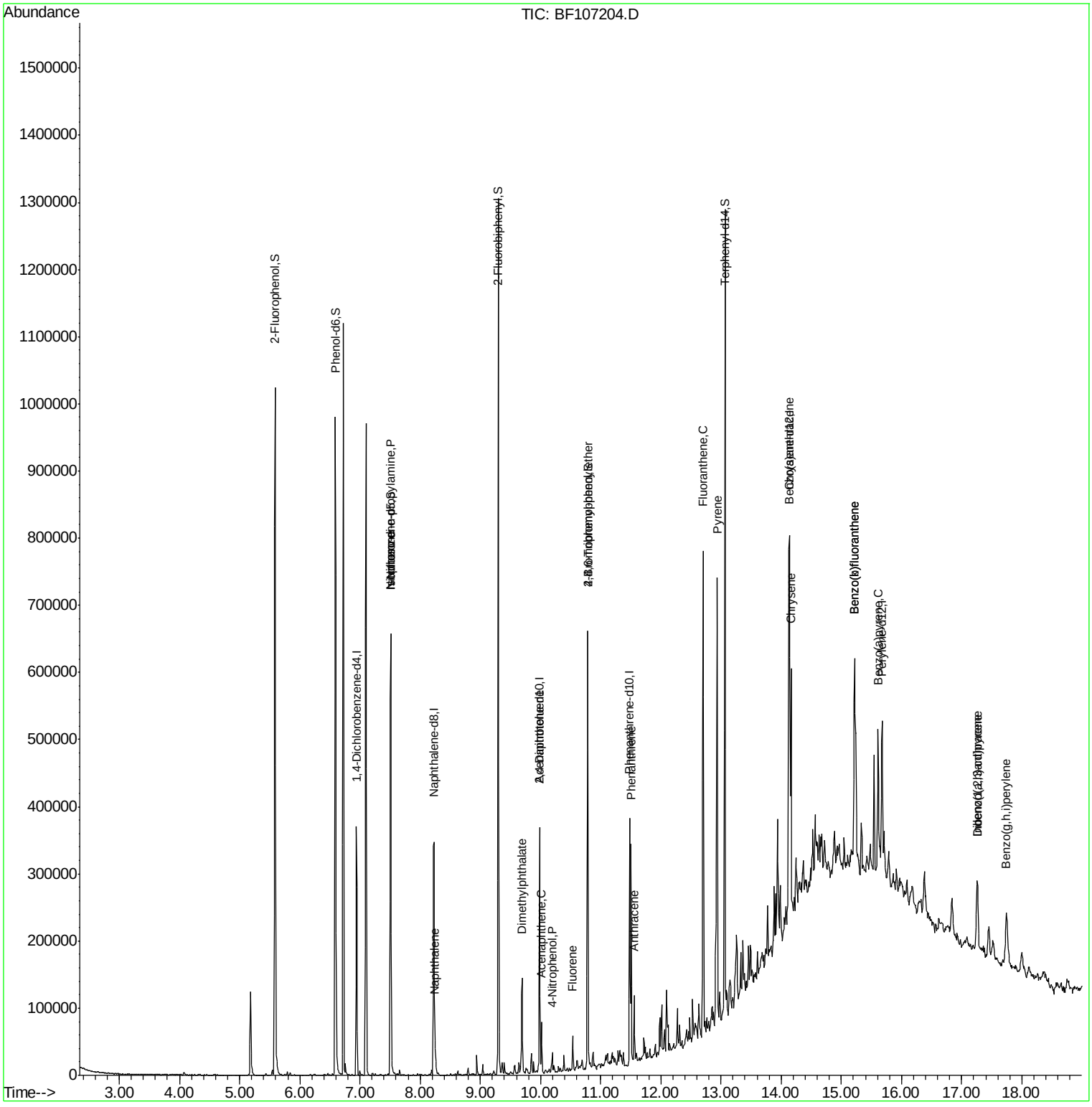
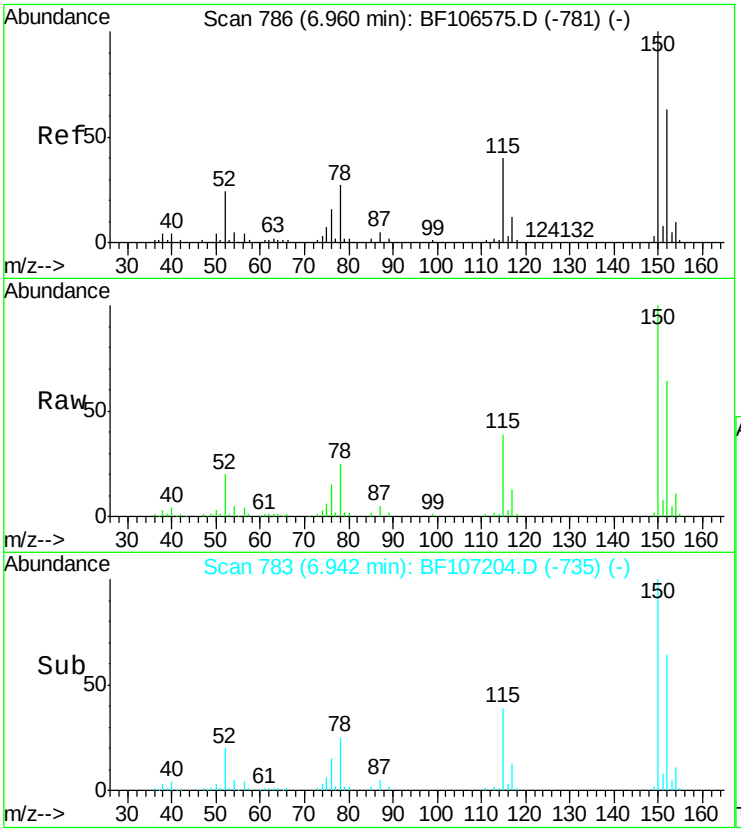


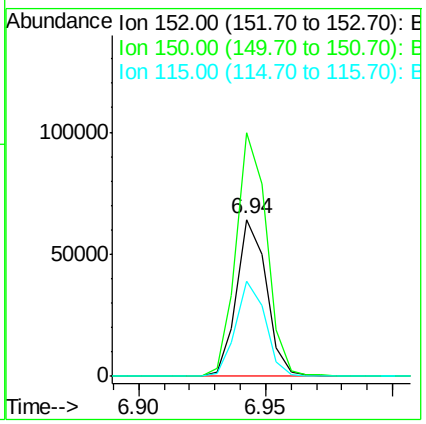


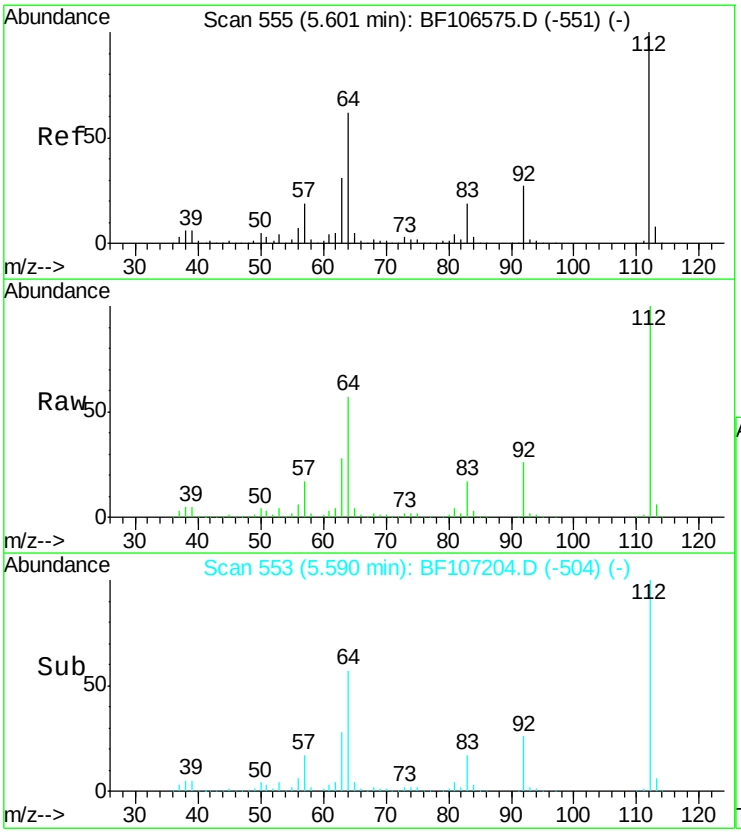
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:152 Resp: 52885

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.9	50.1	75.1

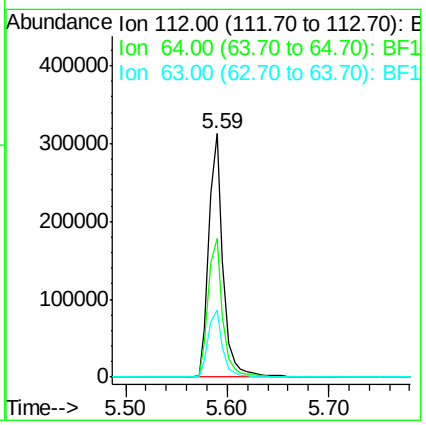


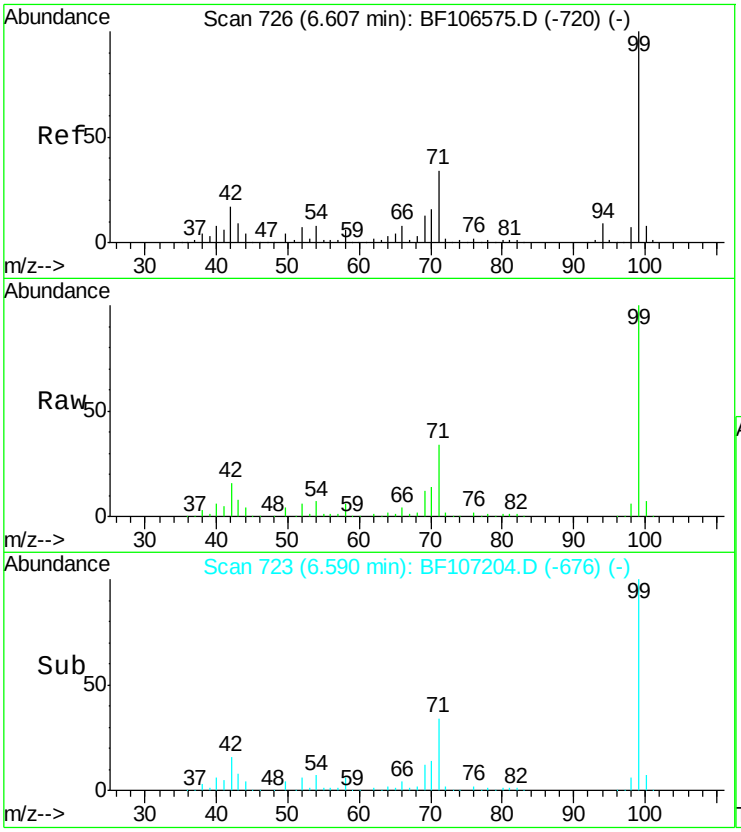


#5
2-Fluorophenol
Concen: 97.728 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:112 Resp: 305221

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.6	23.7	35.5



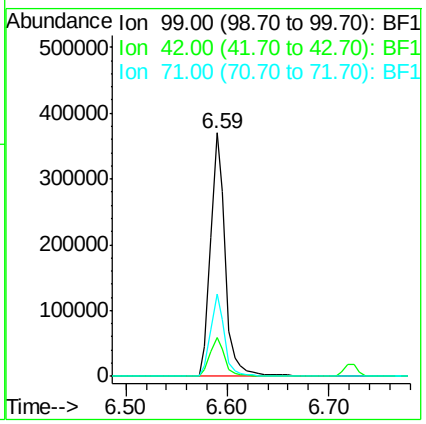


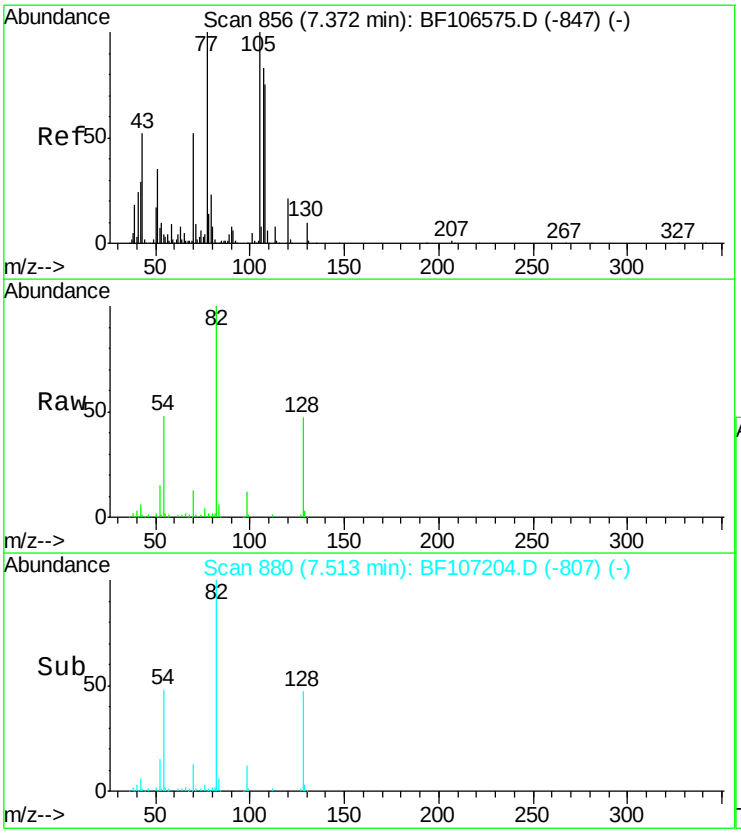
#7
Phenol-d6
Concen: 96.023 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion: 99 Resp: 374510

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.6	25.4	38.0

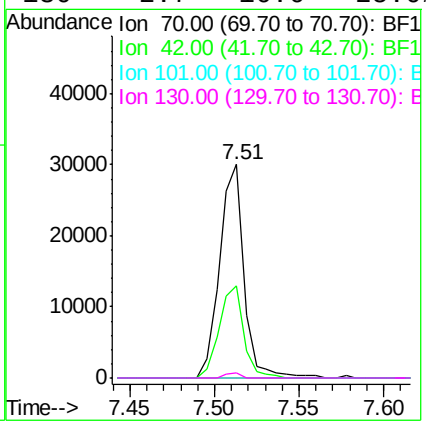


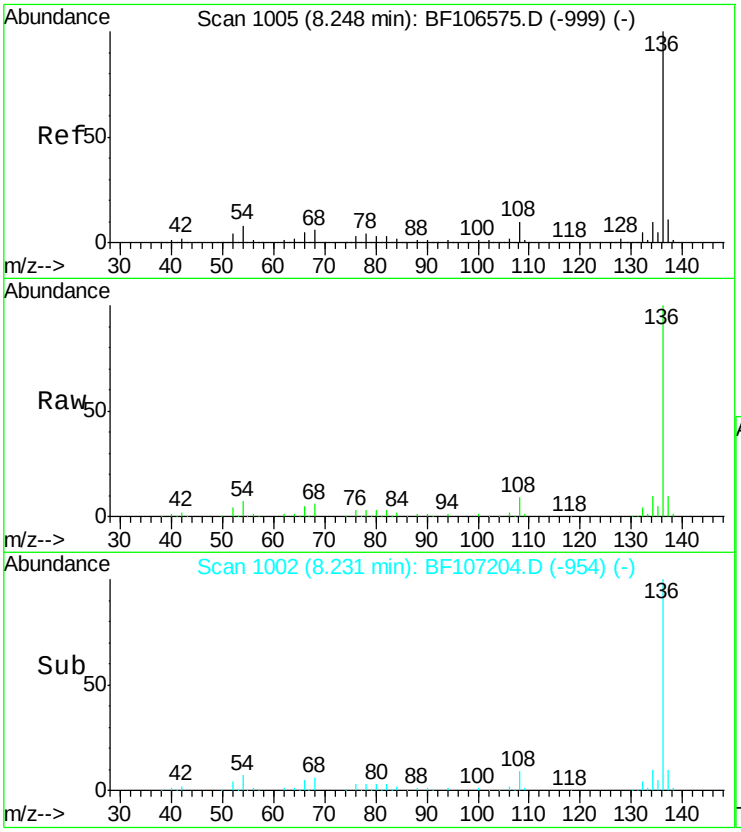


#19
n-Nitroso-di-n-propylamine
Concen: 11.720 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion: 70 Resp: 30131

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



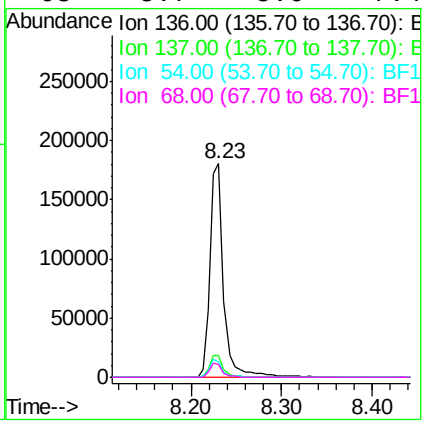


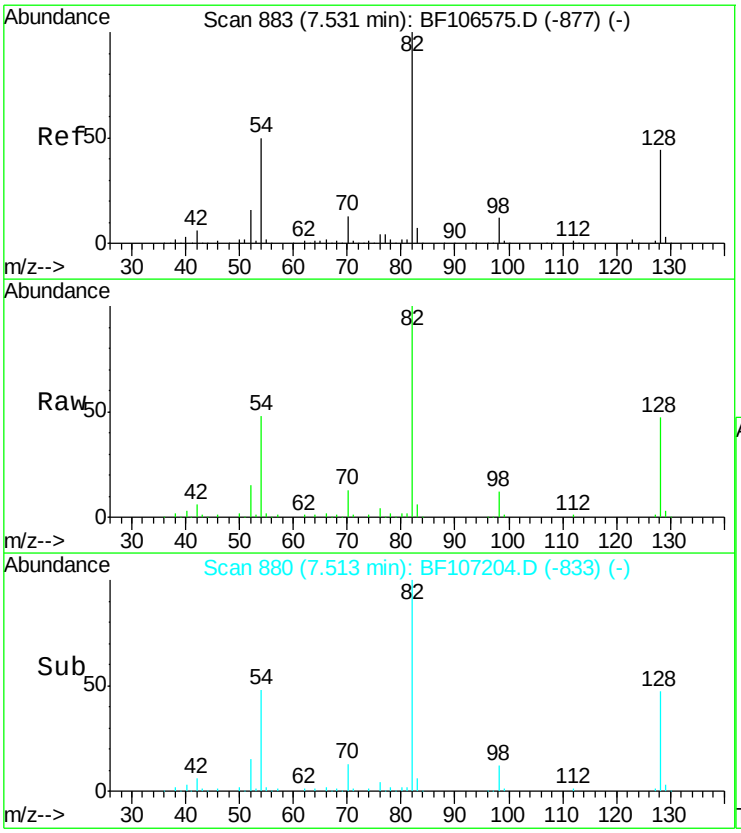
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:136 Resp: 190098

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

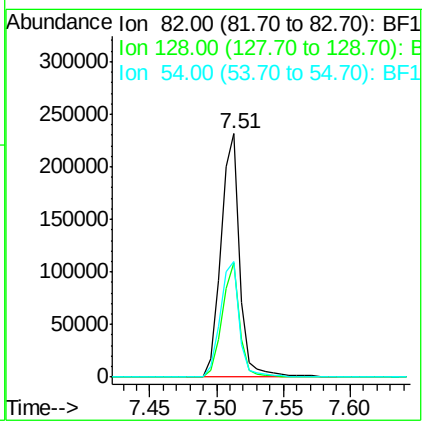


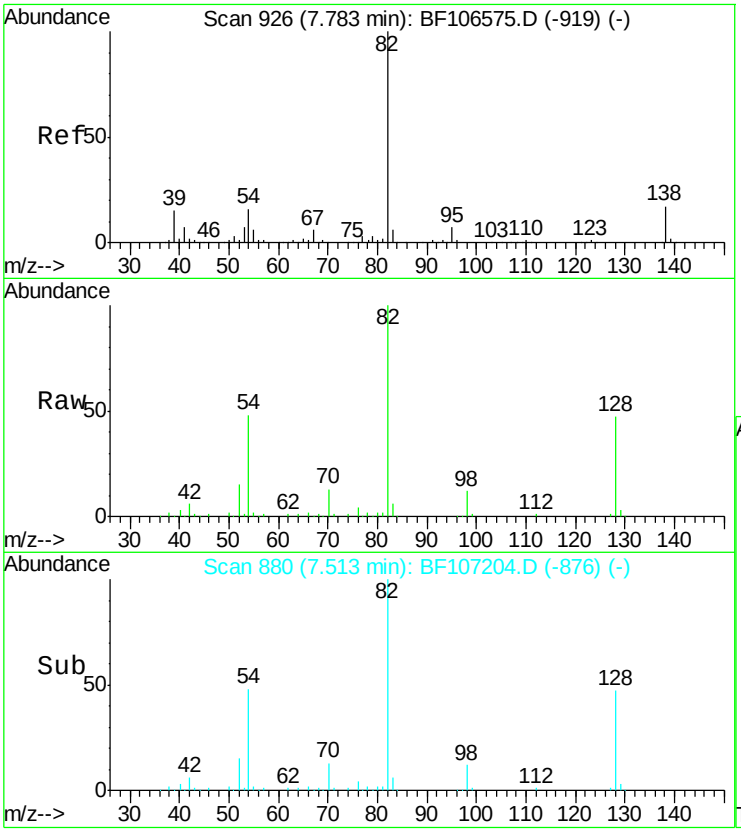


#23
Nitrobenzene-d5
Concen: 67.519 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion: 82 Resp: 230958

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	47.6	41.4	62.2



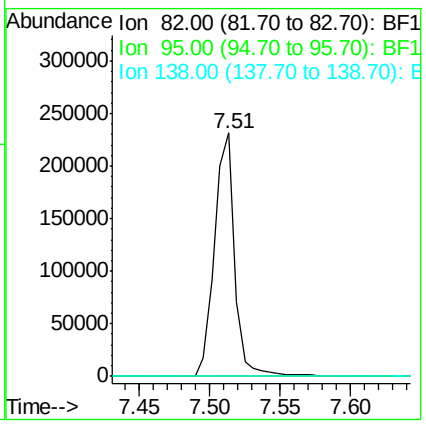


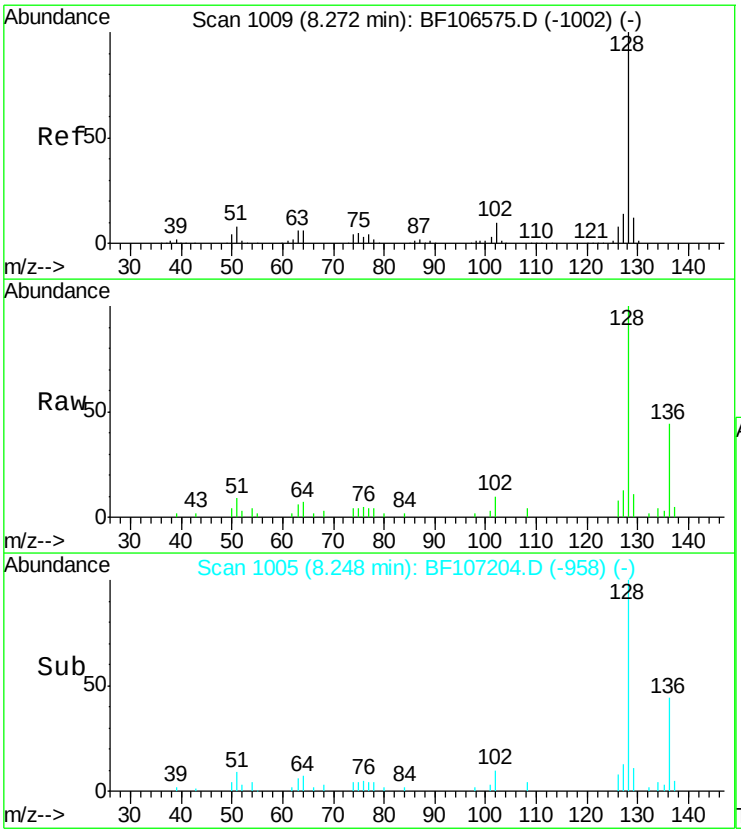
#25
Isophorone
Concen: 38.315 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion: 82 Resp: 230954

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

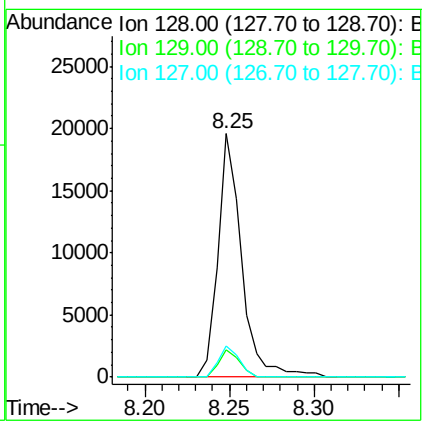


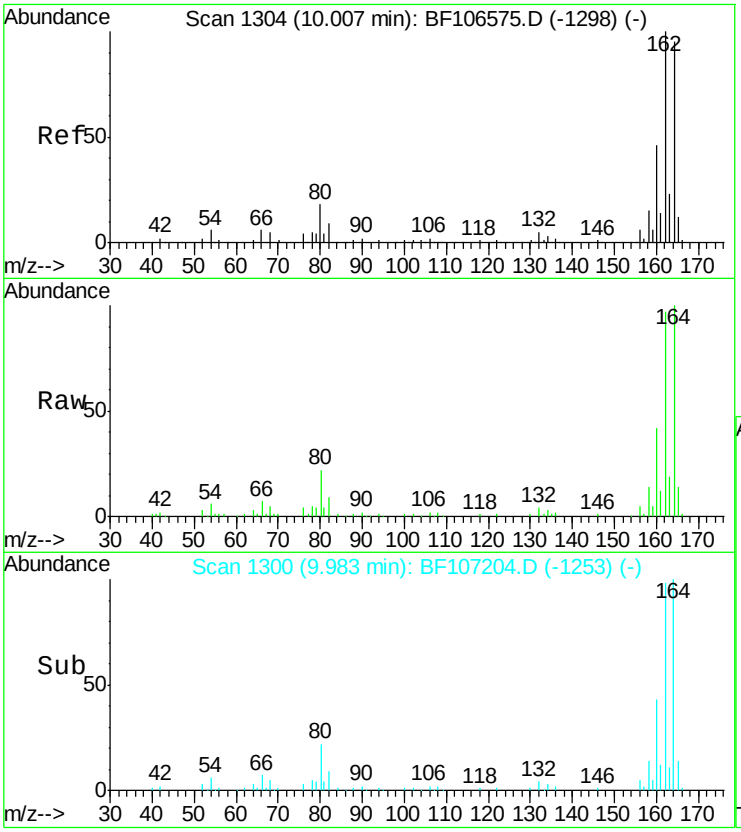


#31
Naphthalene
Concen: 2.152 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:128 Resp: 19129

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3



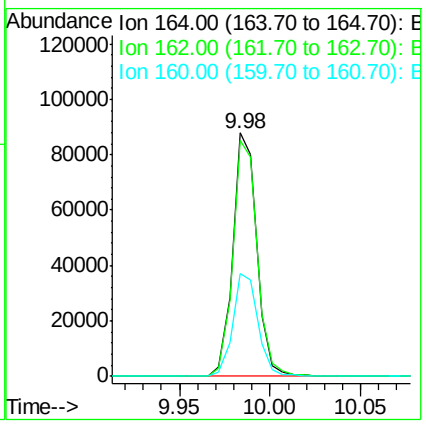


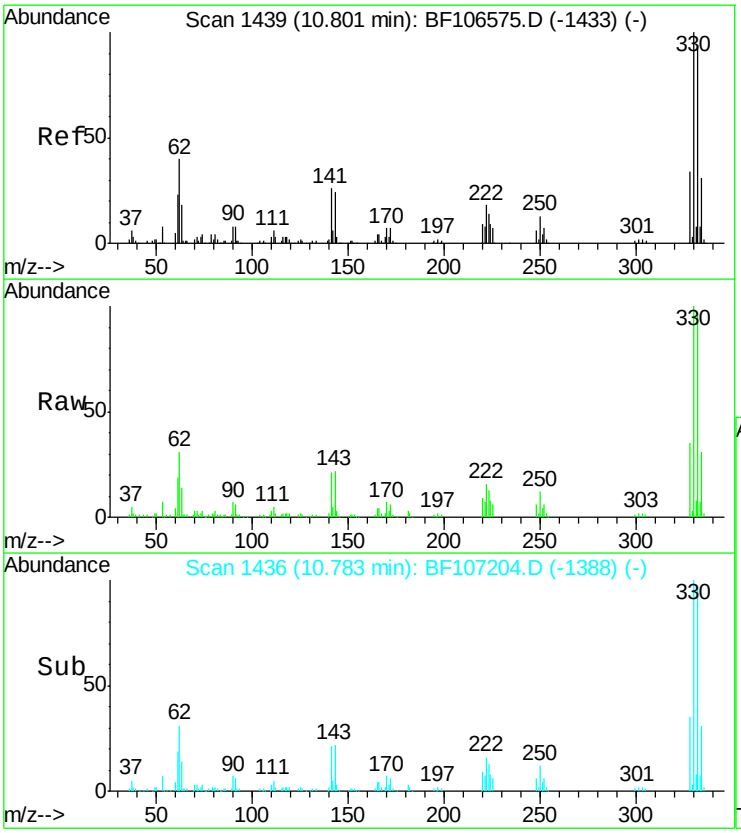
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:164 Resp: 80780

Ion	Ratio	Lower	Upper
164	100		
162	97.0	86.1	129.1
160	42.2	38.3	57.5

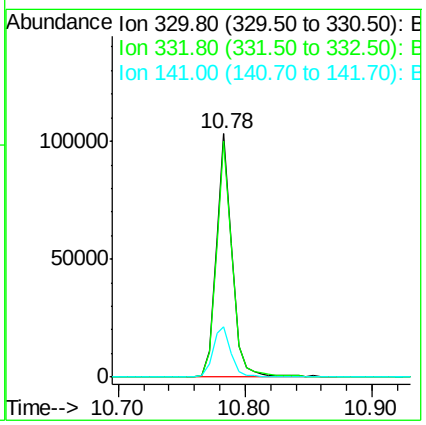


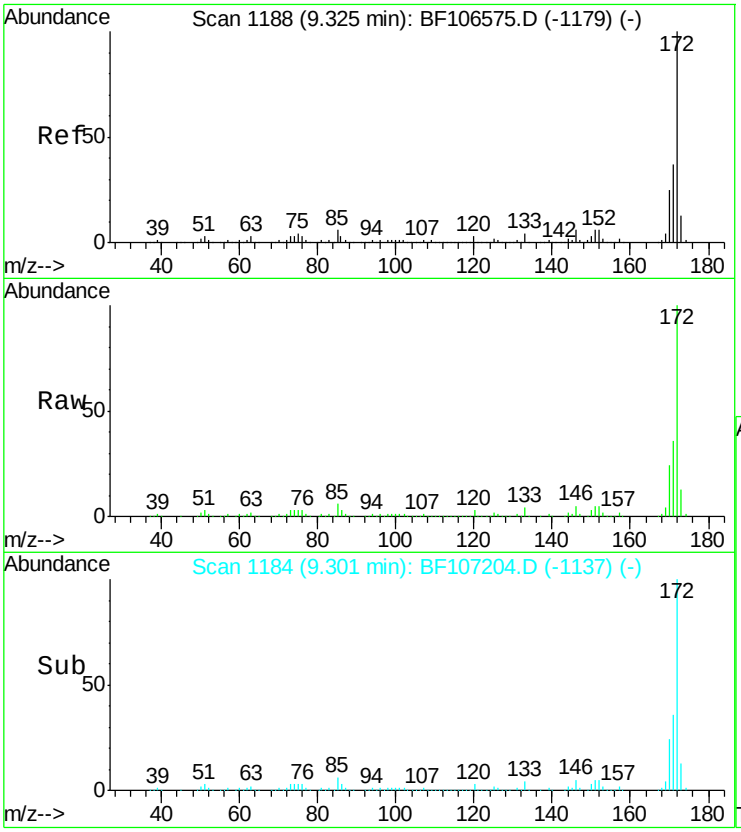


#41
2,4,6-Tribromophenol
Concen: 96.859 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:330 Resp: 90685

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	24.0	29.9	44.9#



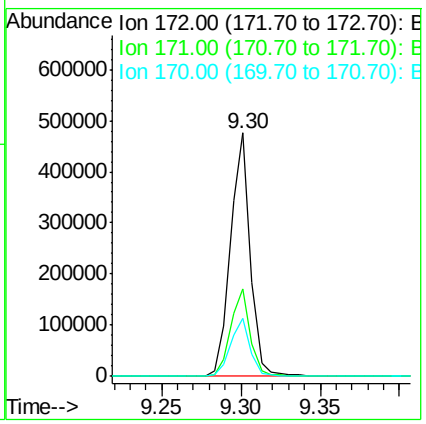


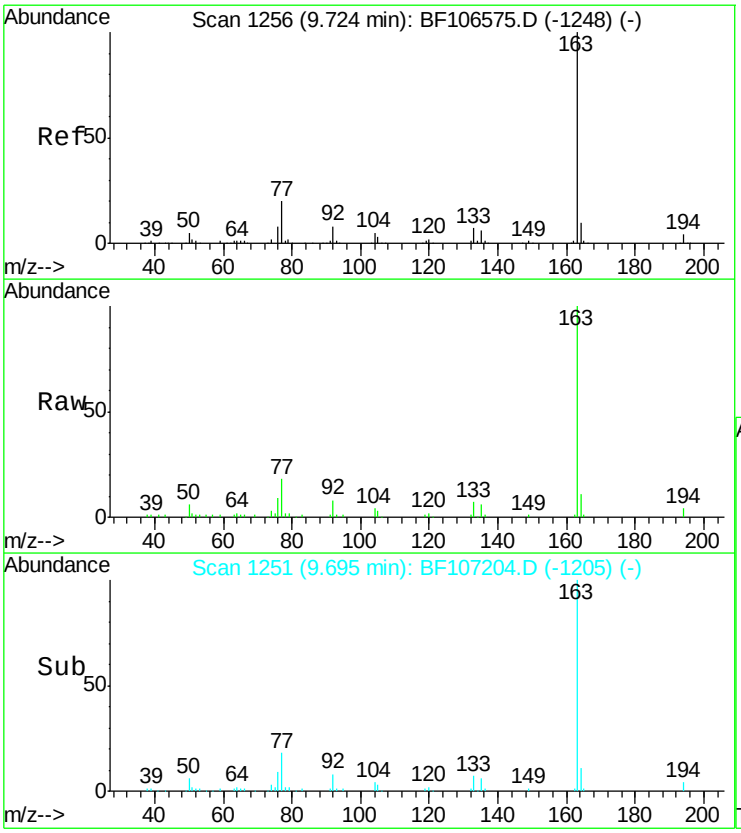
#44
2-Fluorobiphenyl
Concen: 86.339 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:172 Resp: 410942

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4

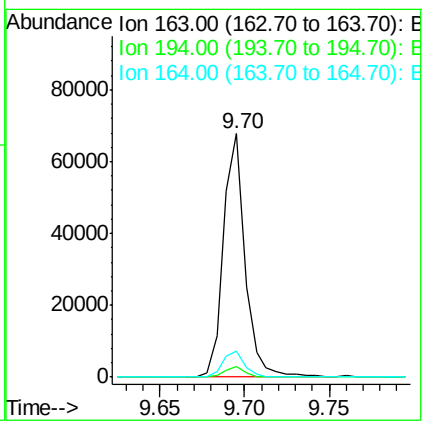


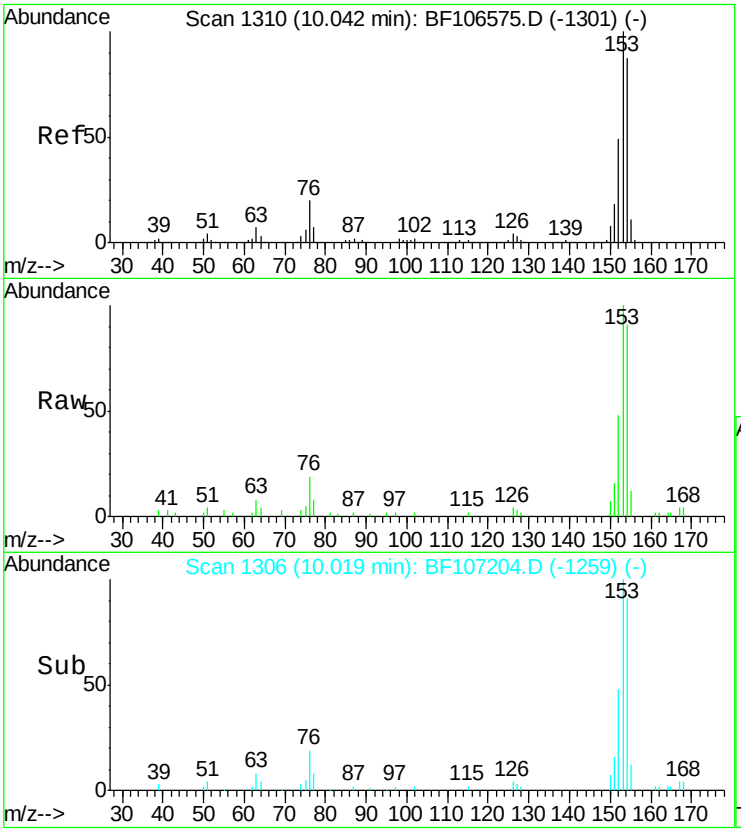


#49
Dimethylphthalate
Concen: 9.942 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:163 Resp: 60236

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2



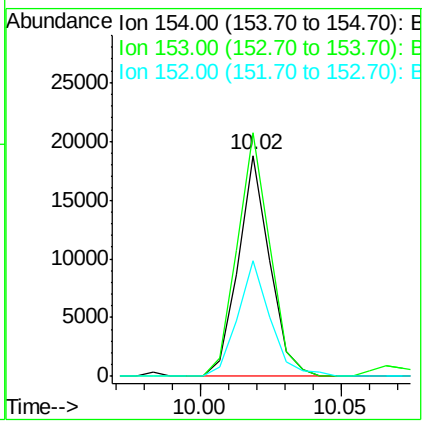


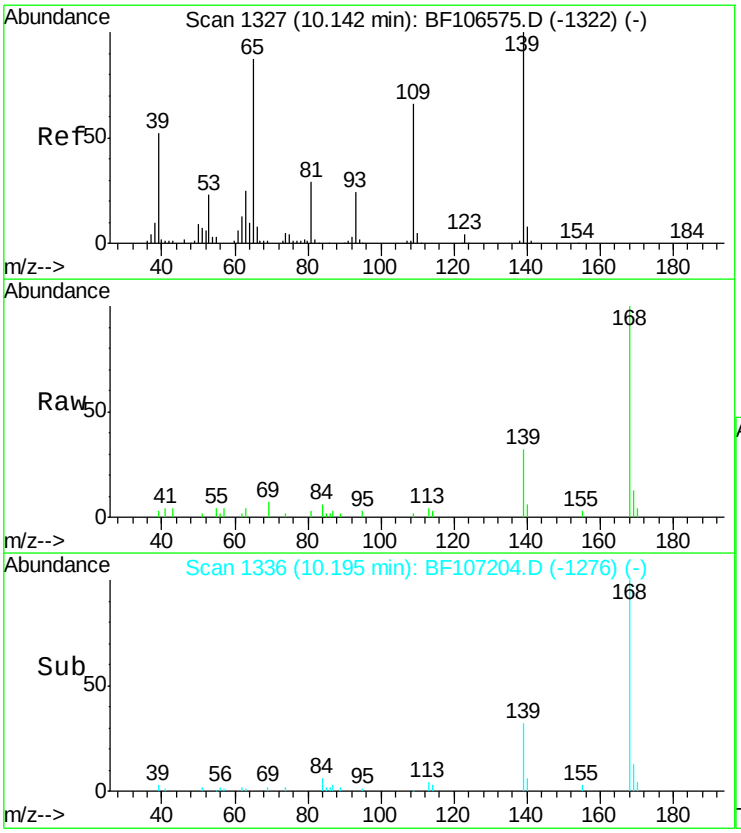
#51
Acenaphthene
Concen: 2.894 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:154 Resp: 14578

Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	52.6	43.8	65.8

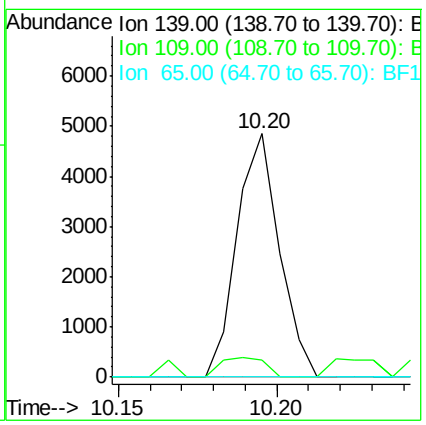


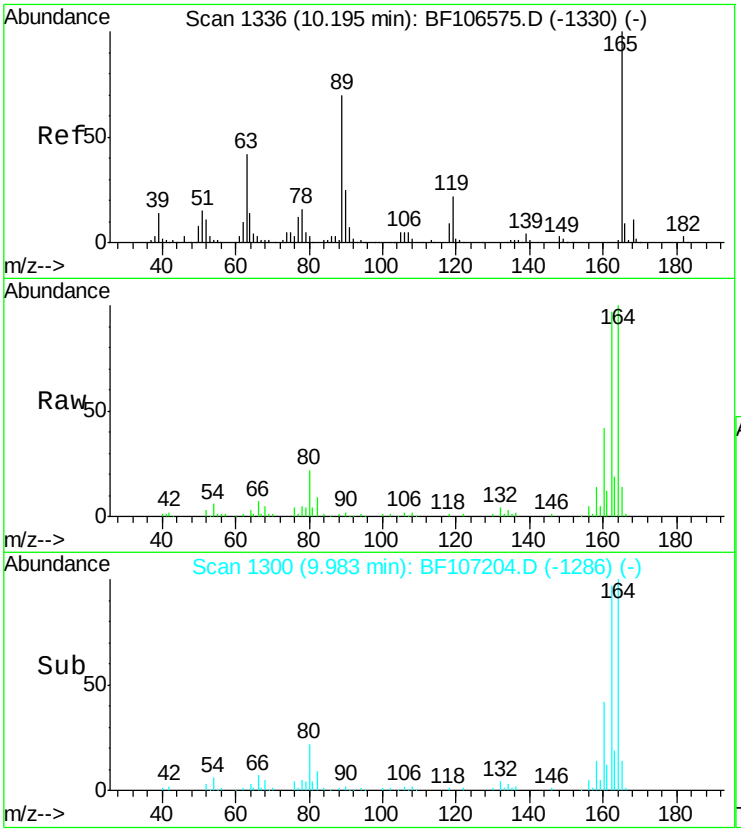


#55
4-Nitrophenol
Concen: 4.352 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:139 Resp: 4485

Ion	Ratio	Lower	Upper
139	100		
109	7.1	48.4	88.4#
65	0.0	72.6	112.6#



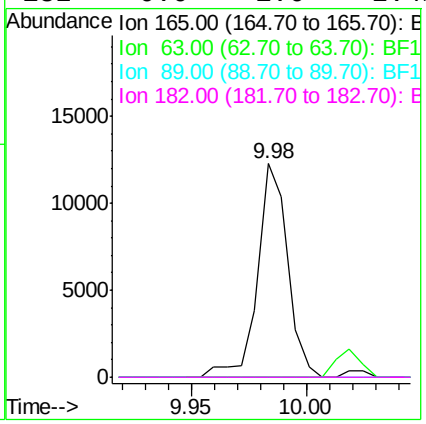


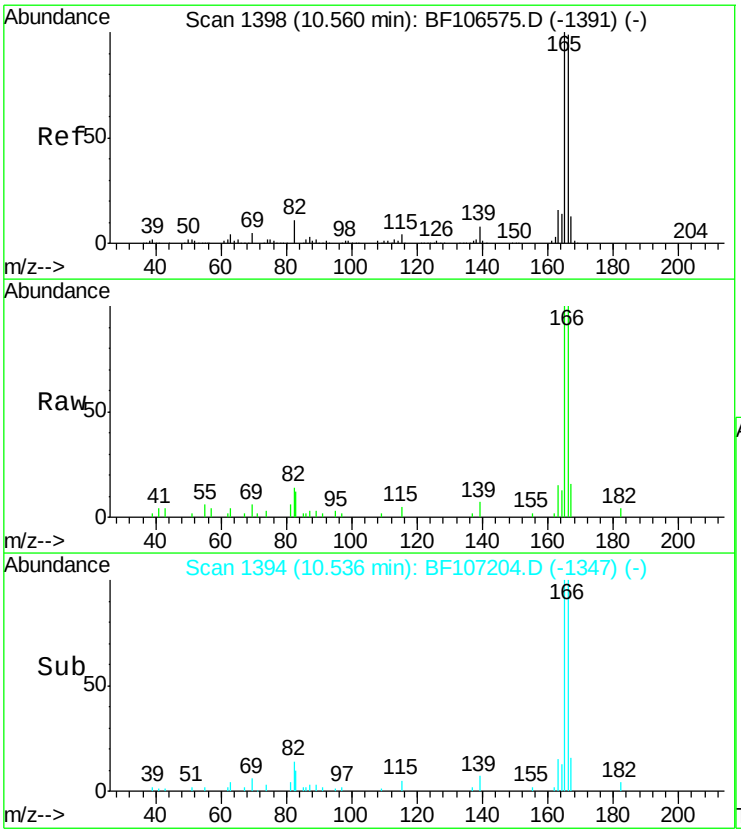
#56
2,4-Dinitrotoluene
Concen: 6.667 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:165 Resp: 11164

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#

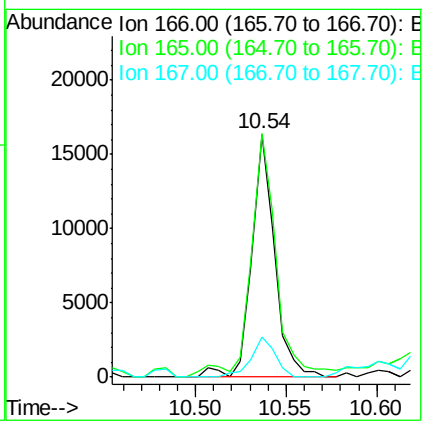


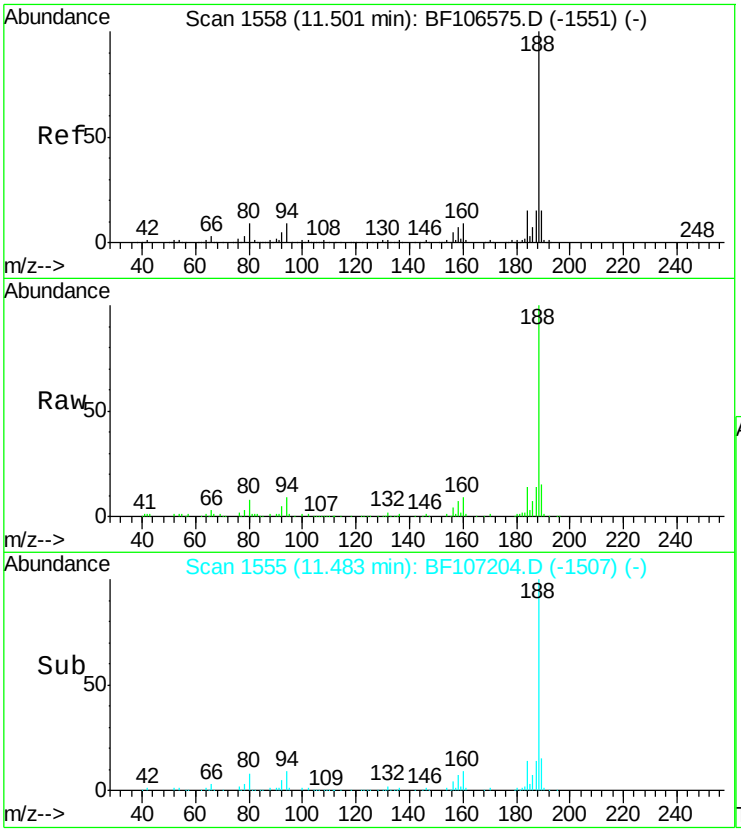


#57
Fluorene
Concen: 2.633 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:166 Resp: 14414

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	16.4	10.6	16.0#



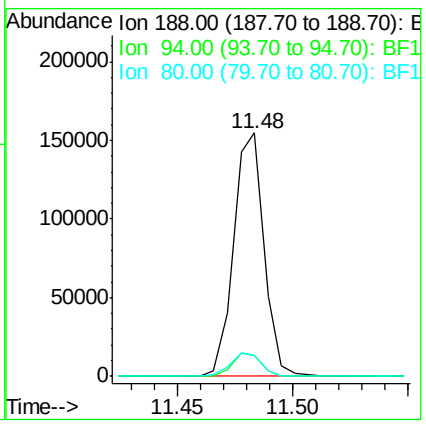


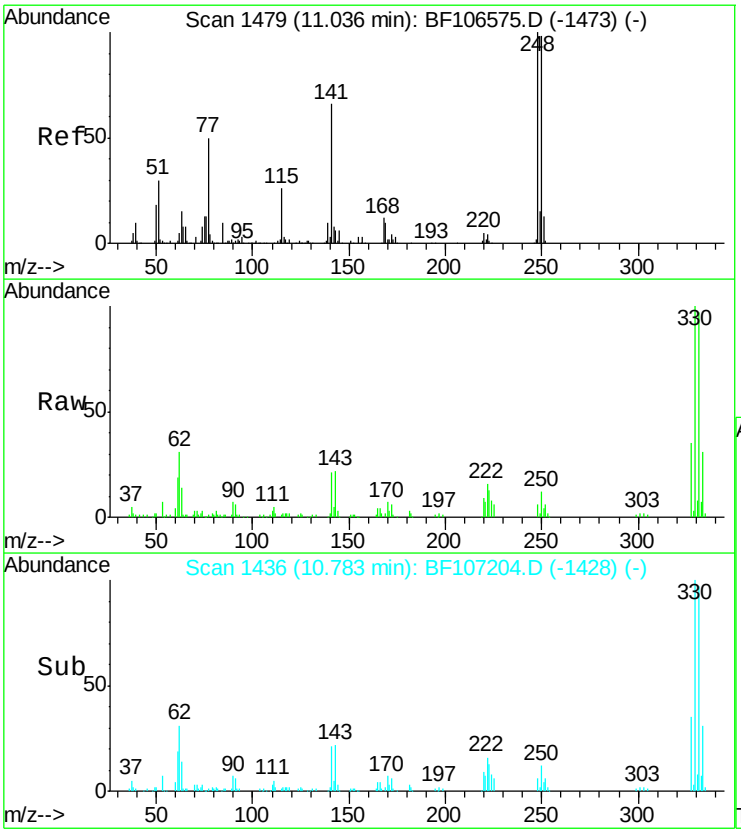
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:188 Resp: 141778

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

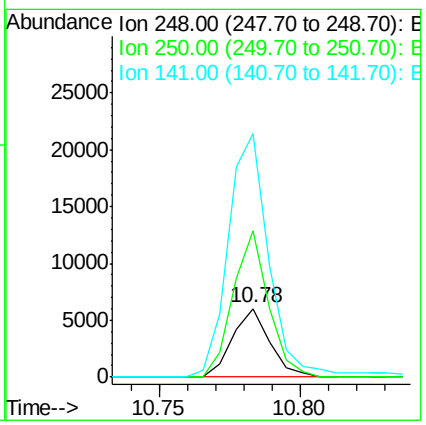


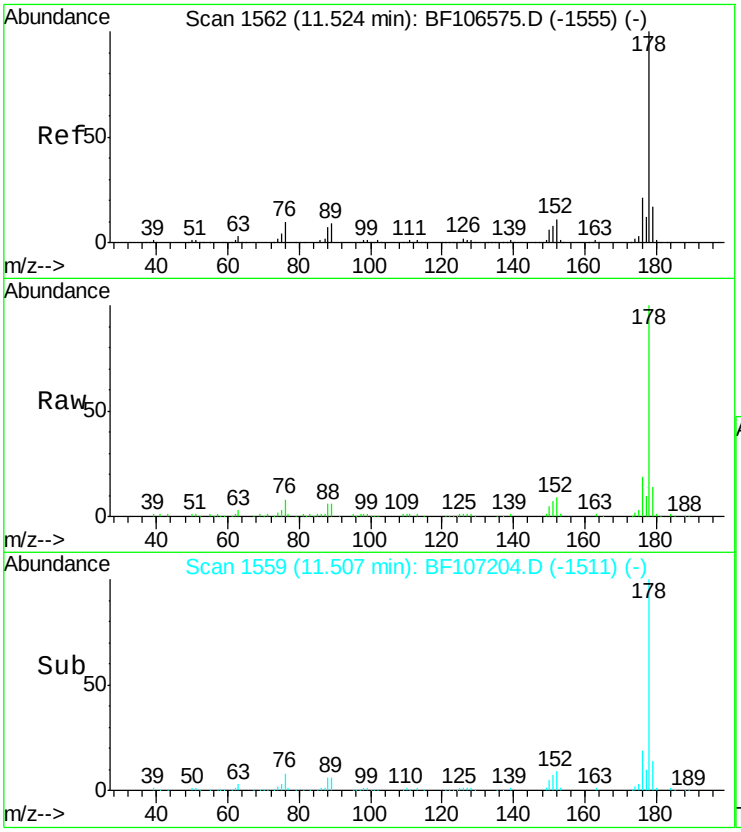


#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:248 Resp: 5523

Ion	Ratio	Lower	Upper
248	100		
250	214.0	76.9	115.3#
141	356.7	74.4	111.6#



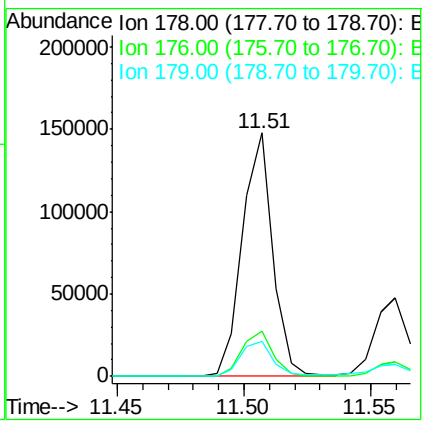


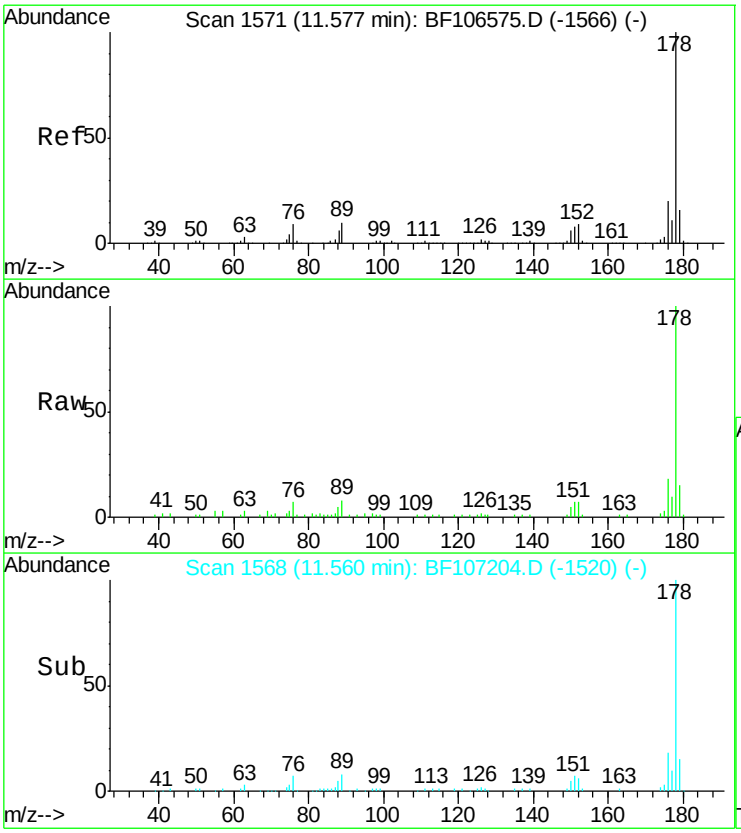
#70
Phenanthrene
Concen: 18.059 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:178 Resp: 123495

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.2	13.0	19.6

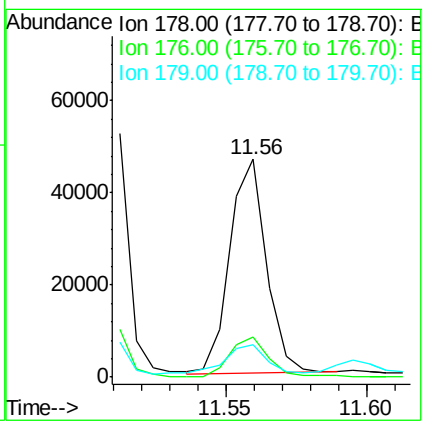


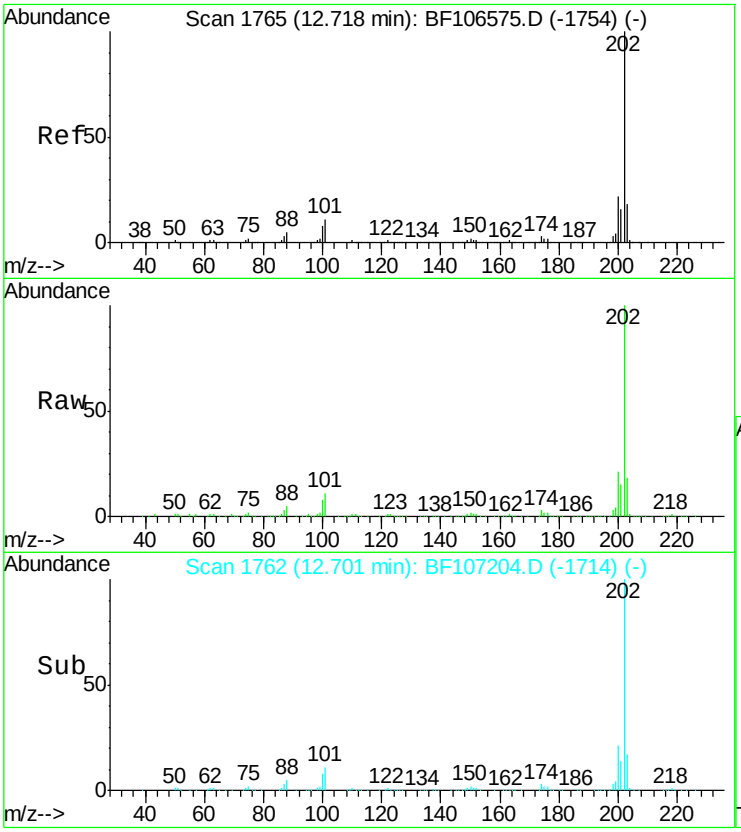


#71
Anthracene
Concen: 6.007 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:178 Resp: 41931

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.8	12.6	19.0



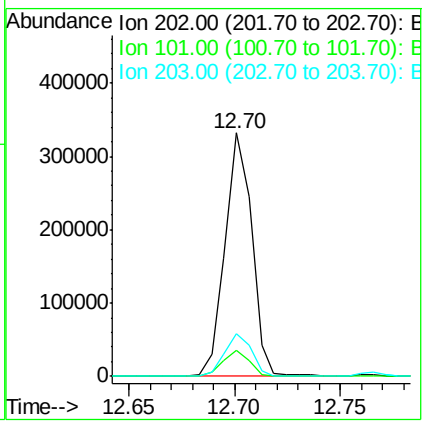


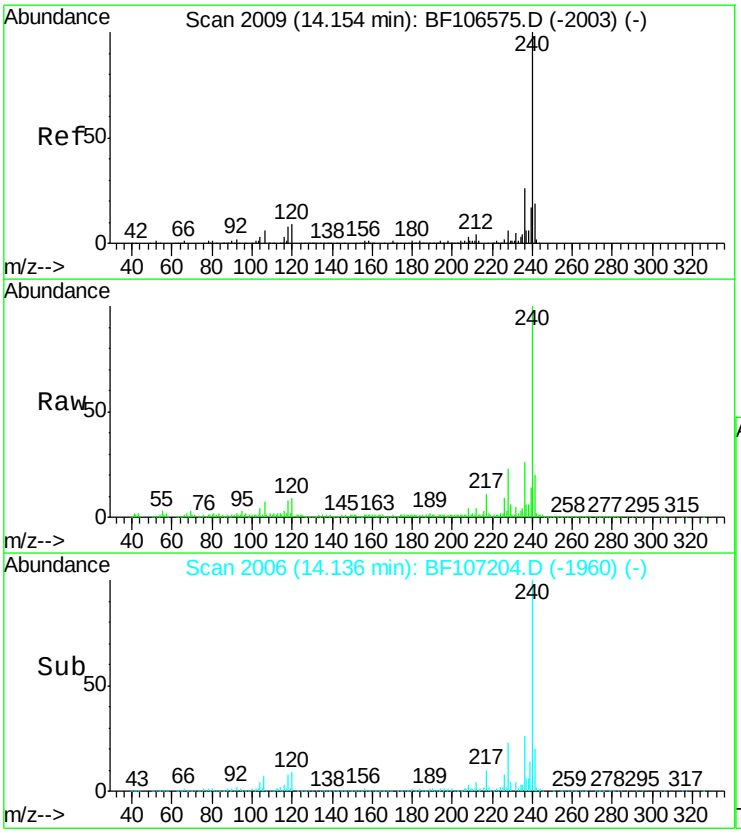
#74
Fluoranthene
Concen: 38.690 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:202 Resp: 291613

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.5	0.0	38.1

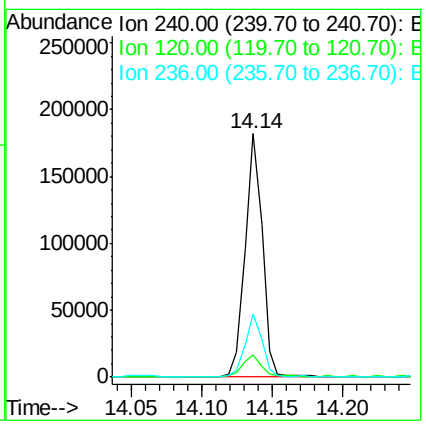


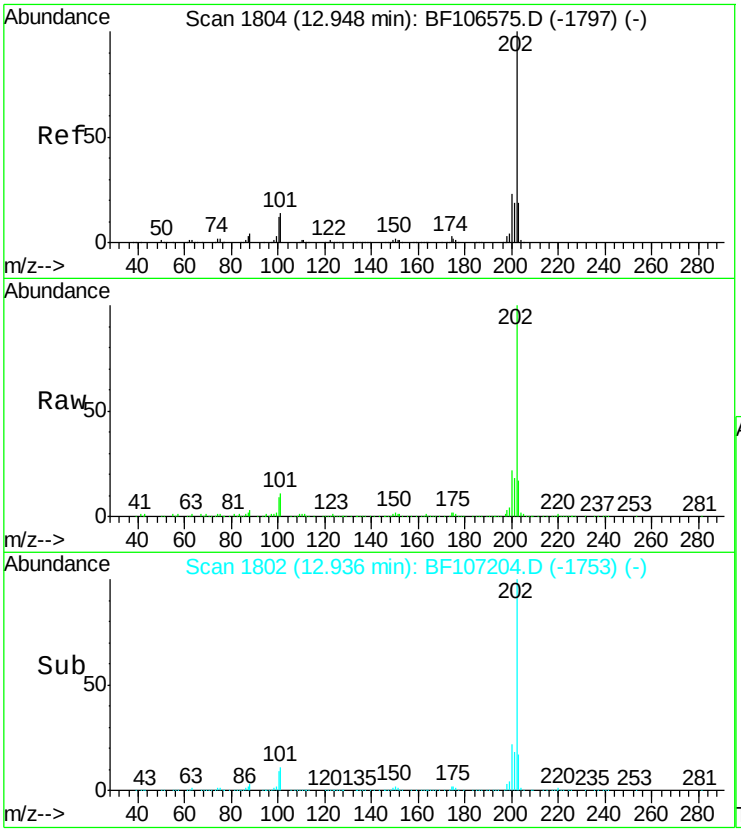


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:240 Resp: 153392

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.1	20.7	31.1



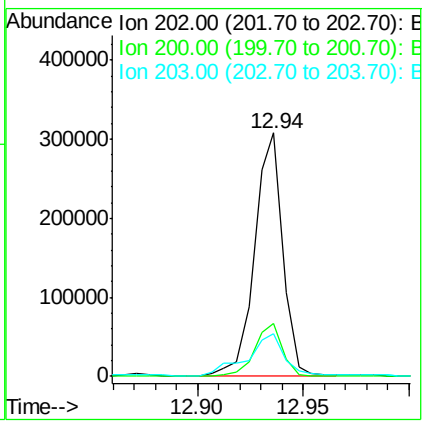


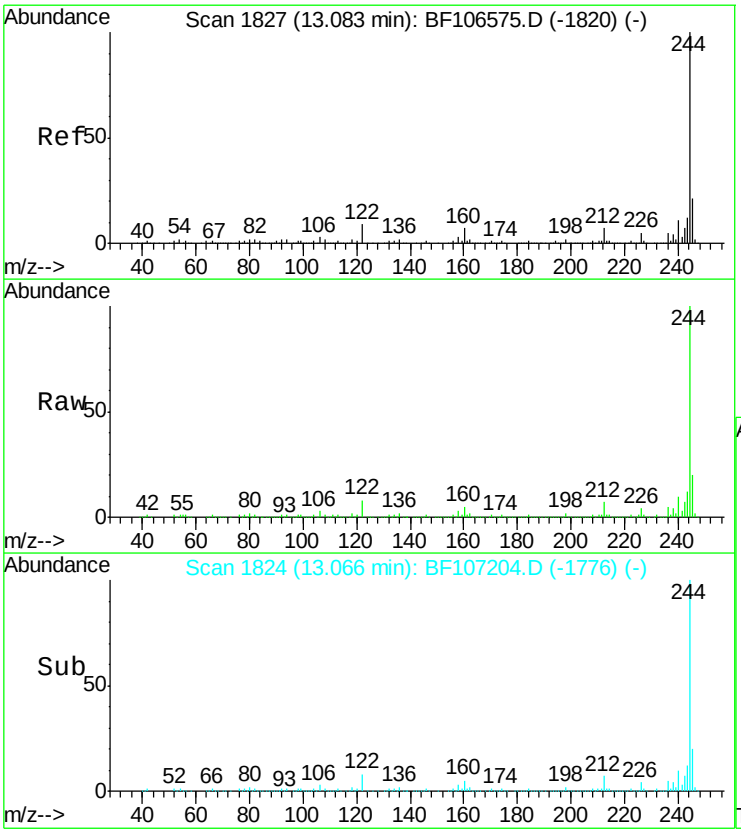
#77
Pyrene
Concen: 28.262 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:202 Resp: 285871

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5

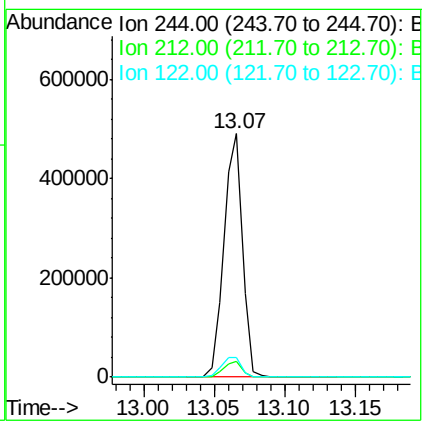


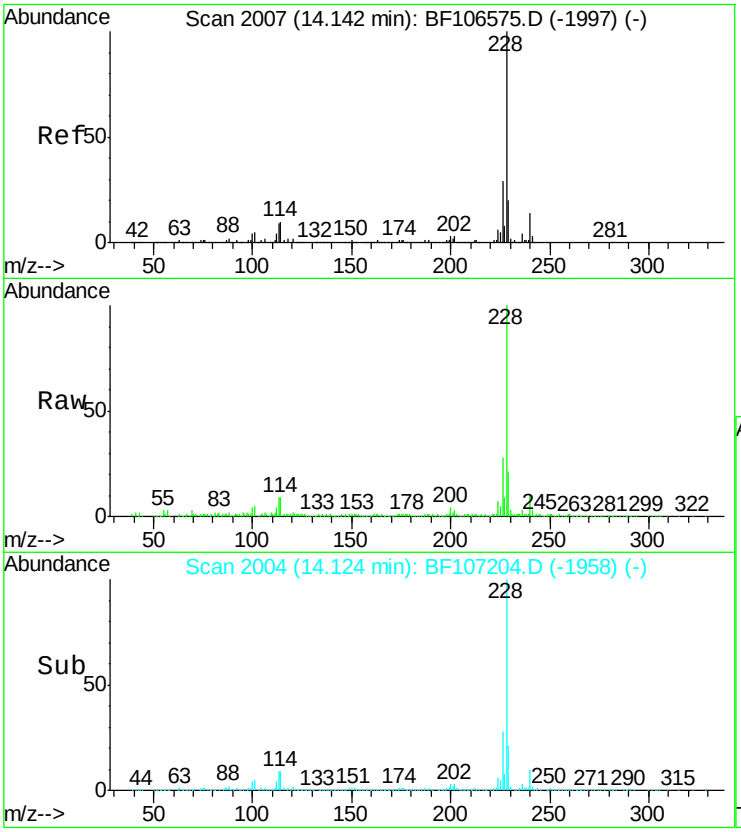


#78
Terphenyl-d14
Concen: 70.393 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:244 Resp: 445764

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.0	11.0	16.4#



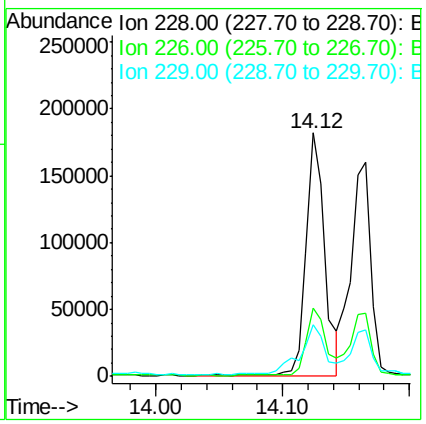


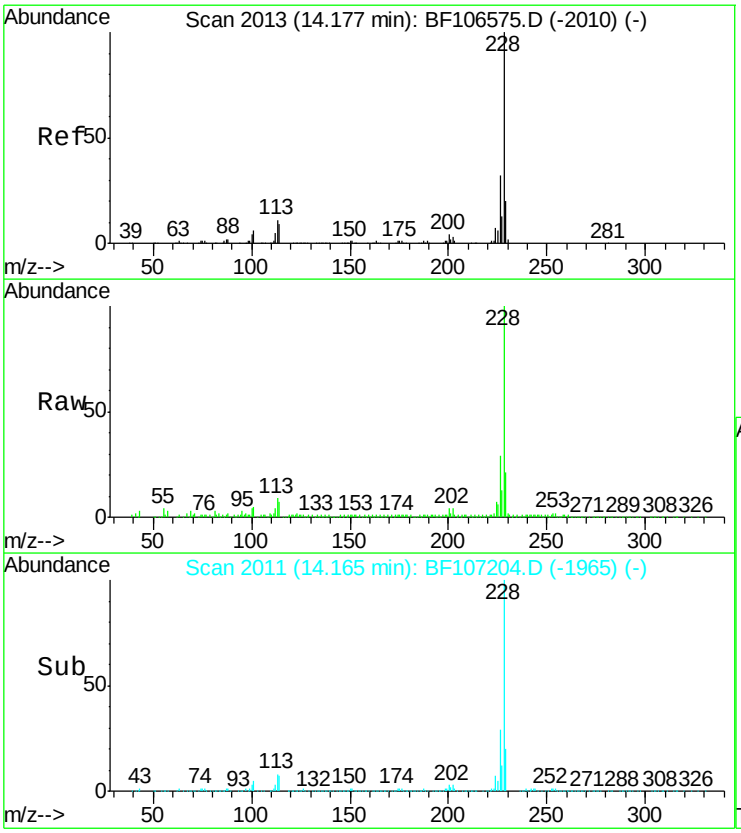
#80
Benzo(a)anthracene
Concen: 19.765 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:228 Resp: 184783

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.3	15.8	23.6

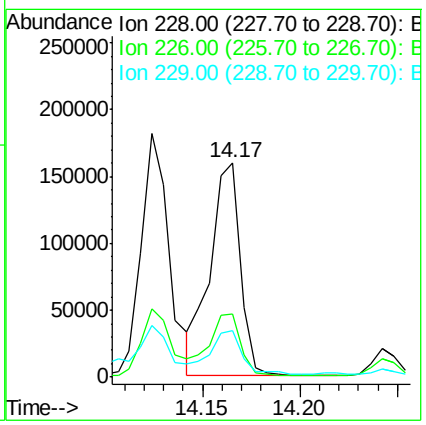


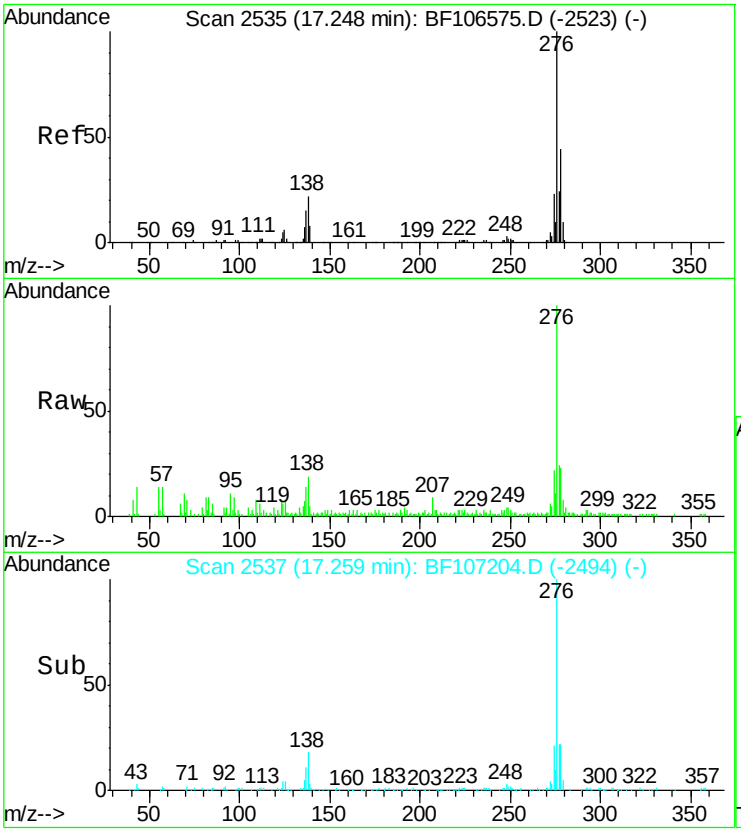


#82
Chrysene
Concen: 20.225 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:228 Resp: 173949

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.4	16.2	24.4



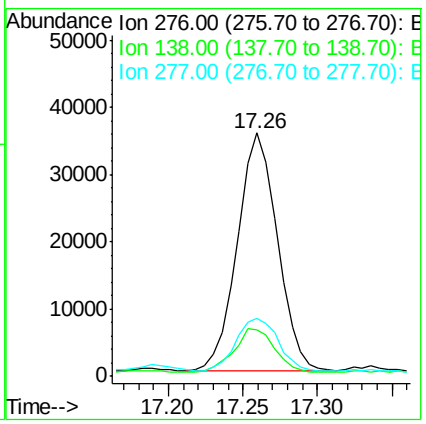


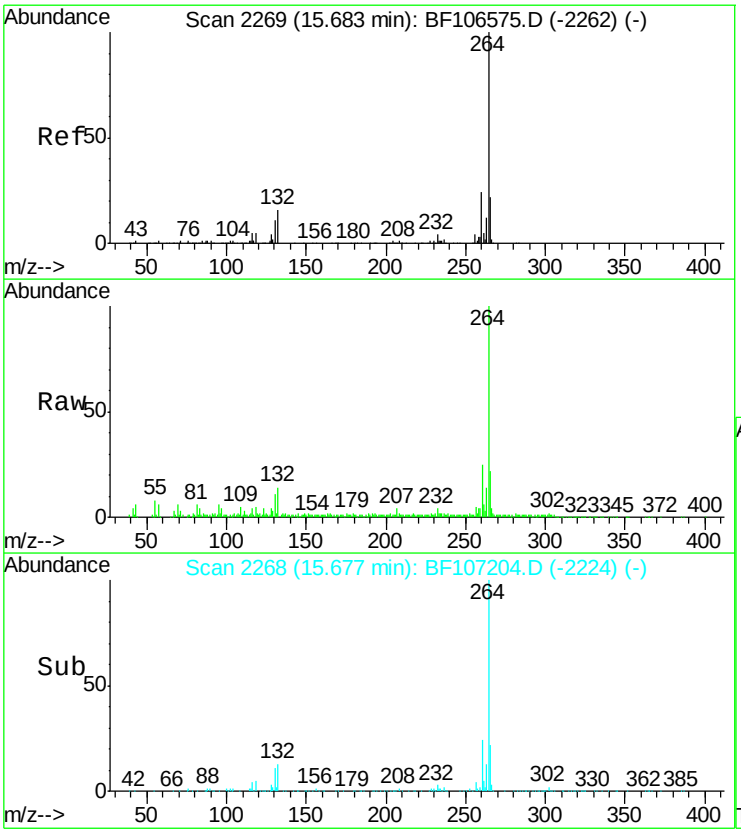
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.092 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:276 Resp: 66360

Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	23.6	20.1	30.1

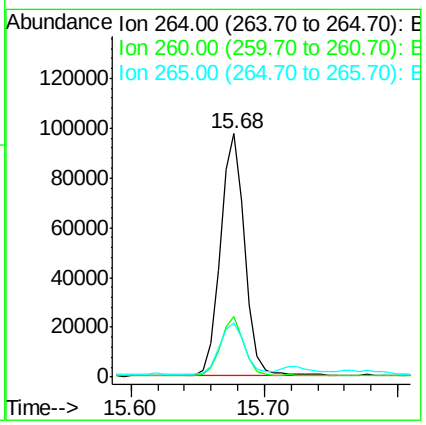


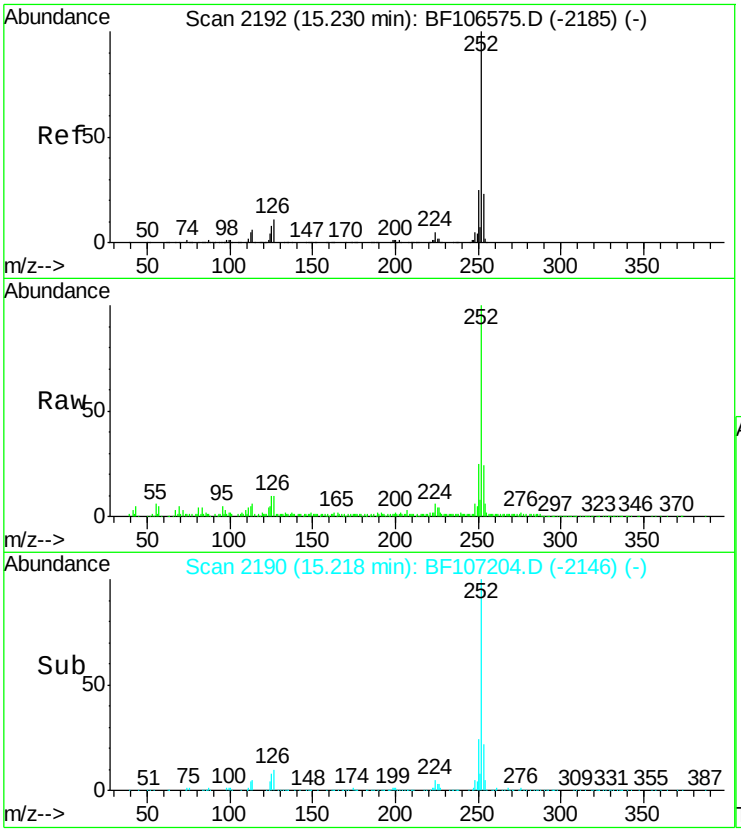


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:264 Resp: 123554

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.4	17.5	26.3



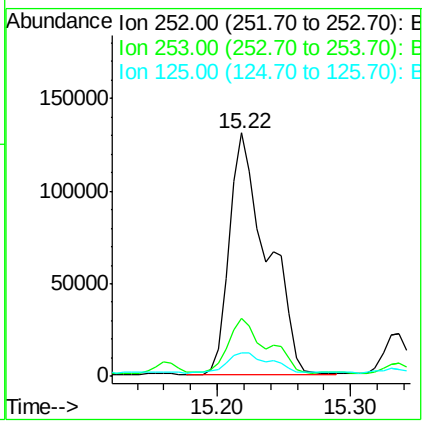


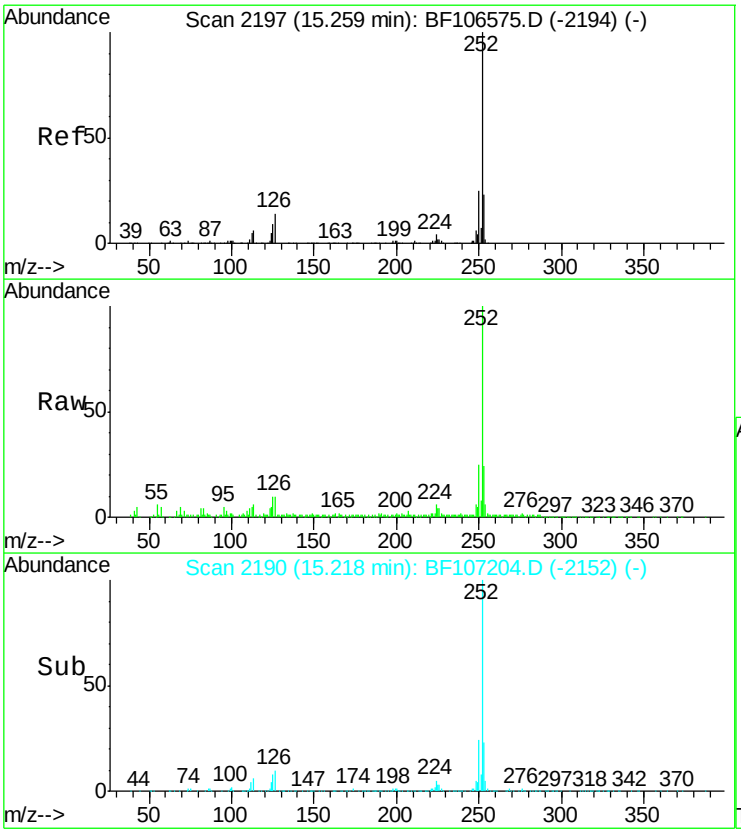
#87
Benzo(b)fluoranthene
Concen: 33.632 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:252 Resp: 258130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	9.9	9.0	13.6

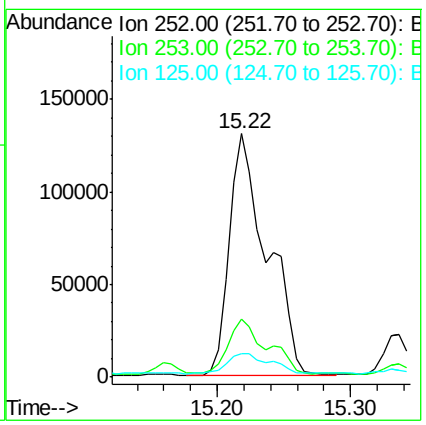


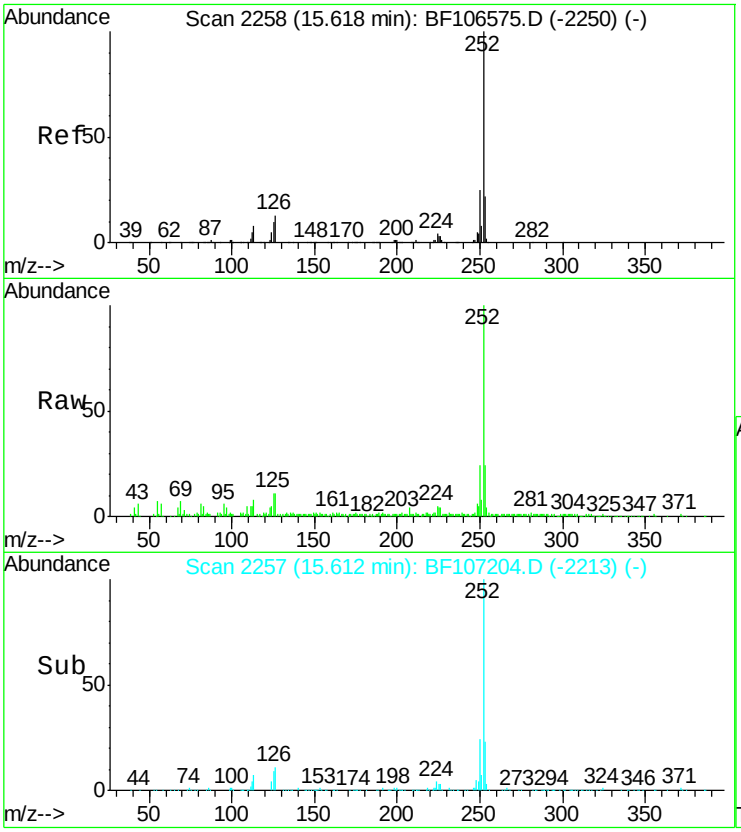


#88
Benzo(k)fluoranthene
Concen: 35.317 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:252 Resp: 258130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	9.9	10.2	15.2#



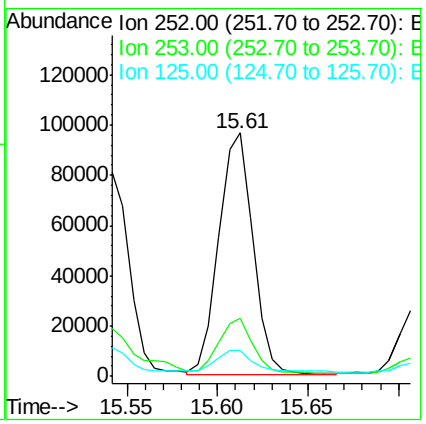


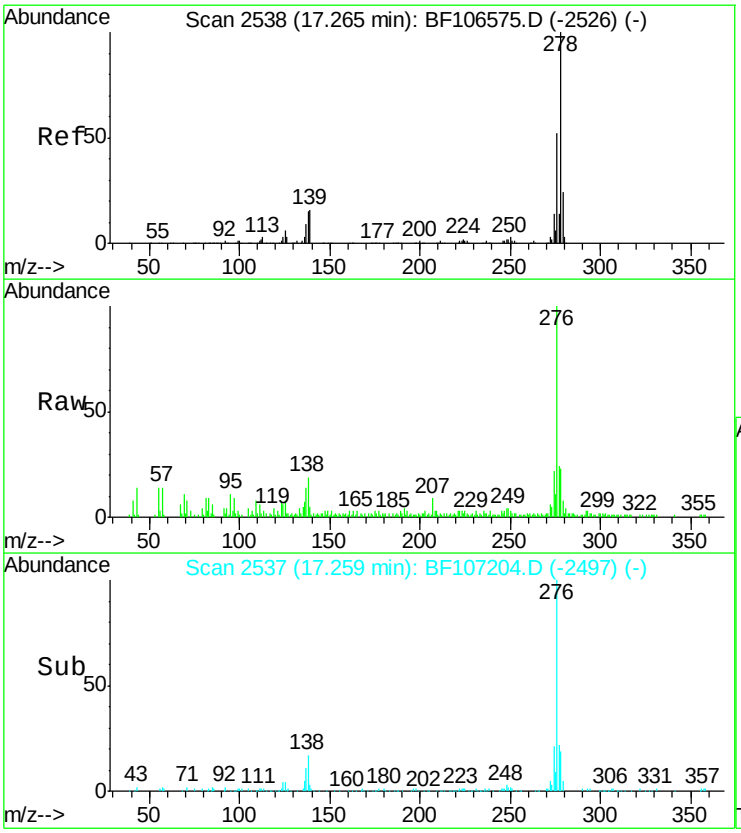
#89
Benzo(a)pyrene
Concen: 18.509 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:252 Resp: 126287

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	10.9	9.8	14.6

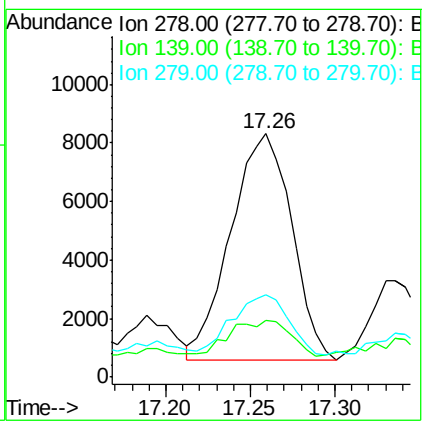


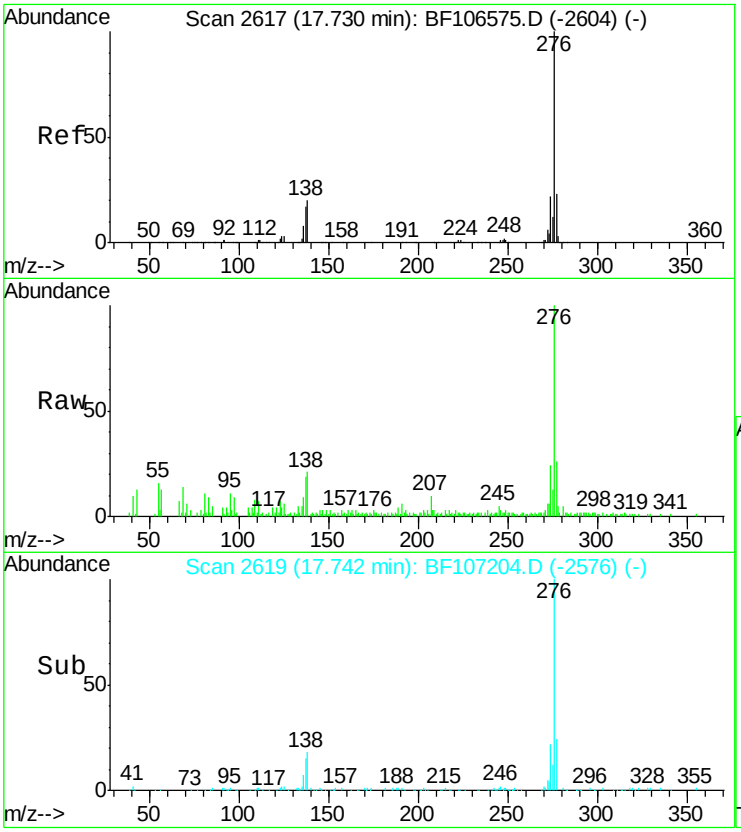


#90
Dibenzo(a,h)anthracene
Concen: 3.329 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Tgt Ion:278 Resp: 19247

Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	33.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.625 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF107204.D
Acq: 7 Jul 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-22

Tgt Ion:276 Resp: 65700

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	20.7	21.8	32.8#