Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112914.D
Acq On : 7 Mar 2019 6:38
Operator : JU/SJ
Sample : K1705-10RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719RE

Quant Time: Mar 07 07:54:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	362284	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1279185	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	575783	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	1084966	20.00	ng		0.00
76) Chrysene-d12	13.87	240	951068	20.00	ng		0.00
87) Perylene-d12	15.27	264	836230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1012439	43.47	ng		0.00
7) Phenol-d6	6.37	99	1260849	43.10	ng		0.00
23) Nitrobenzene-d5	7.29	82	741405	34.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	323911	52.99	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1186999	28.32	ng		-0.01
79) Terphenyl-d14	12.82	244	1165659	23.76	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	97582	5.266	ng	#	75
25) Isophorone	7.29	82	717978	15.590	ng	#	66
50) Dimethylphthalate	9.48	163	94801	2.233	ng		99
51) 2,6-Dinitrotoluene	9.76	165	76451	8.647	ng	#	18
52) Acenaphthene	9.79	154	129721	3.563	ng		98
55) Dibenzofuran	9.96	168	151354	2.860	ng		95
56) 4-Nitrophenol	9.96	139	54468	6.221	ng	#	8
58) Fluorene	10.30	166	131901	3.512	ng		97
65) 4,6-Dinitro-2-methylphenol	10.55	198	555	4.725	ng	#	1
71) Phenanthrene	11.27	178	1372056	25.417	ng		100
72) Anthracene	11.32	178	429886	7.608	ng		98
73) Carbazole	11.47	167	139185	2.525	ng		97
75) Fluoranthene	12.45	202	1518639	26.258	ng		97
78) Pyrene	12.67	202	1334678	16.647	ng		99
81) Benzo(a)anthracene	13.86	228	801761	12.163	ng		99
83) Chrysene	13.89	228	683822	10.591	ng		96
88) Benzo(b)fluoranthene	14.87	252	851078	15.735	ng		97
89) Benzo(k)fluoranthene	14.87	252	851078	17.371	ng		98
90) Benzo(a)pyrene	15.21	252	432153	9.033	ng		98
92) Benzo(g,h,i)perylene	17.03	276	162870	3.973	ng		96

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

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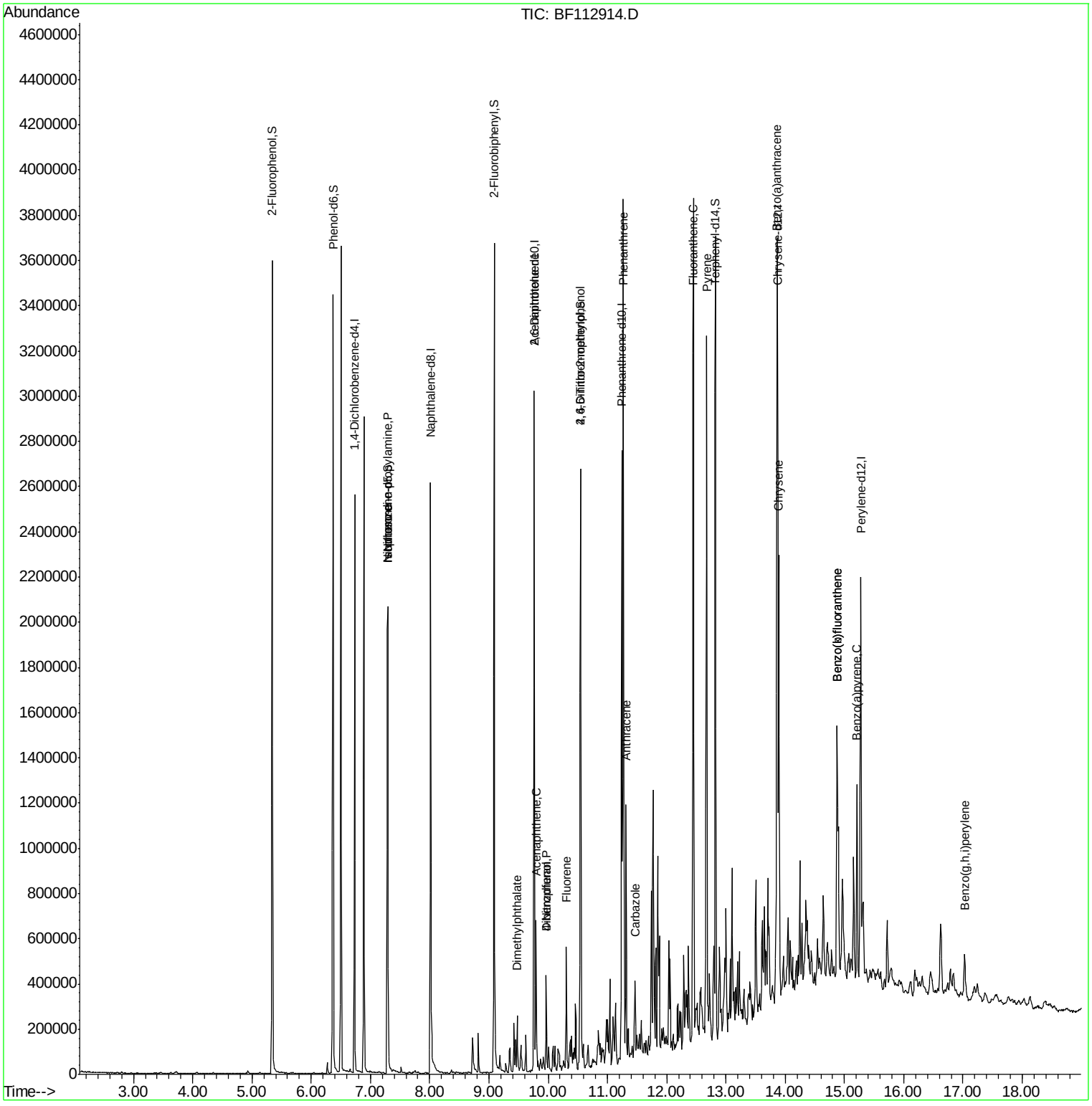
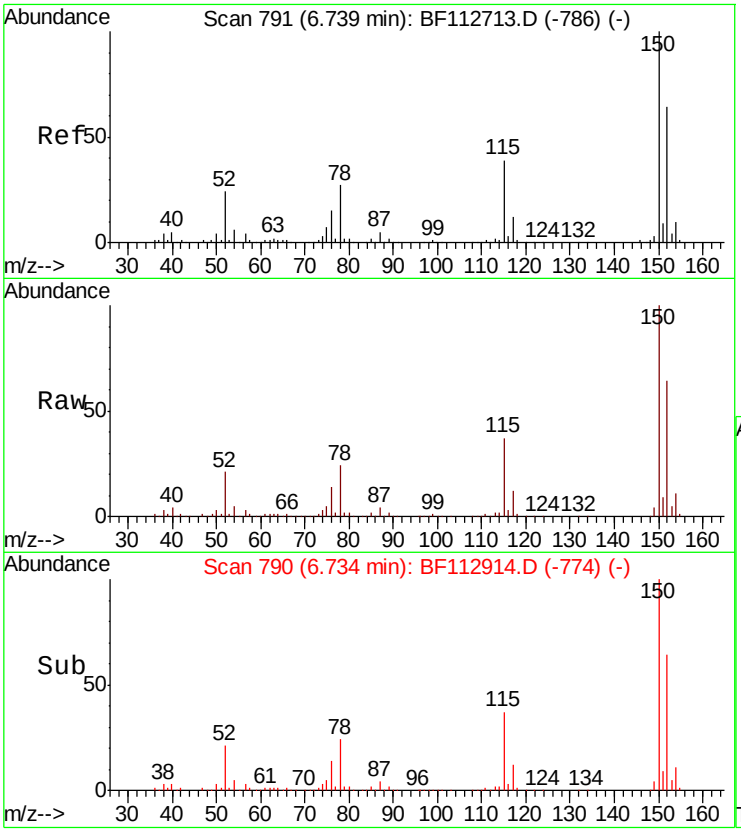


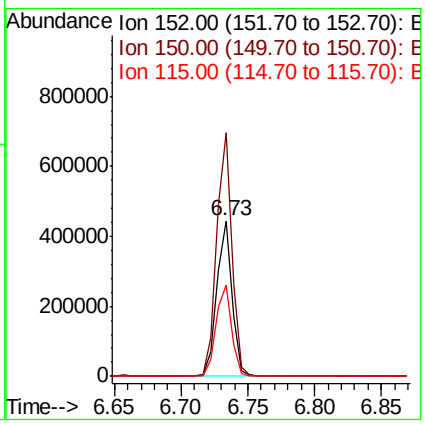


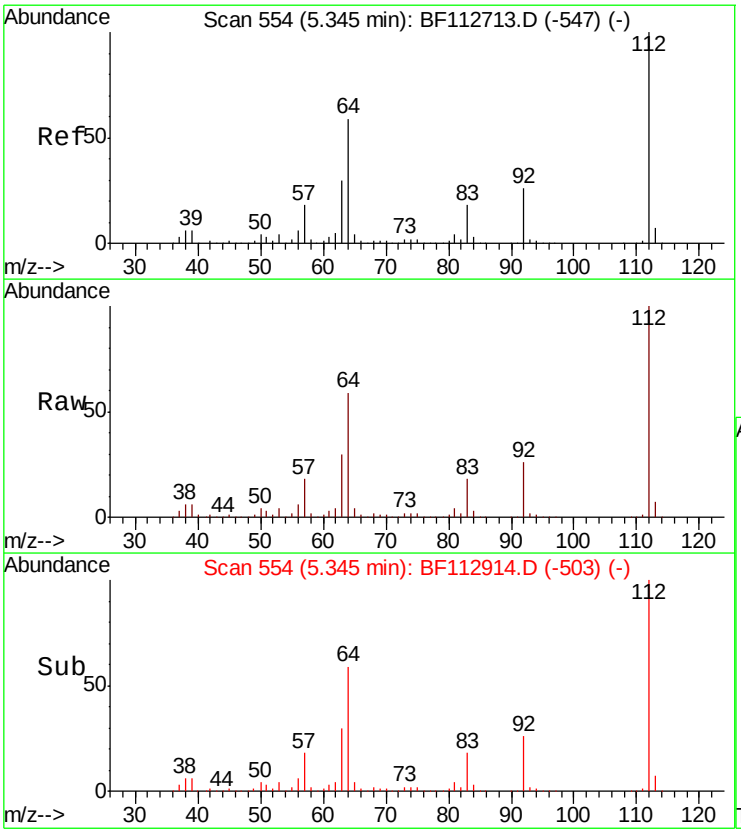
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:152 Resp: 362284

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	58.5	48.2	72.4

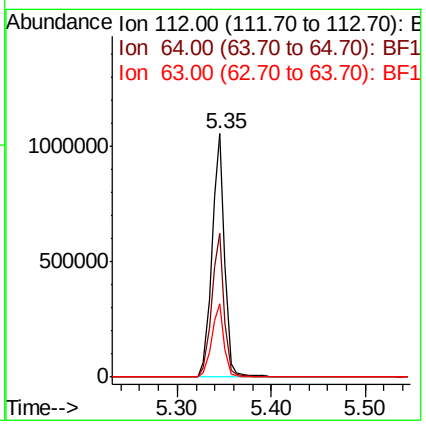


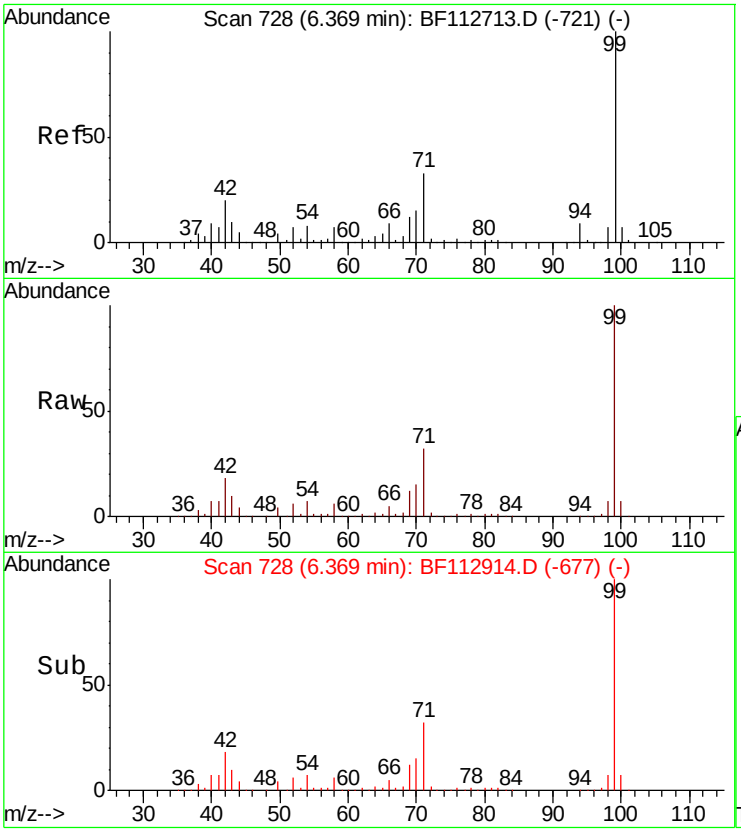


#5
2-Fluorophenol
Concen: 43.471 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:112 Resp: 1012439

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.6	71.4
63	29.9	24.4	36.6



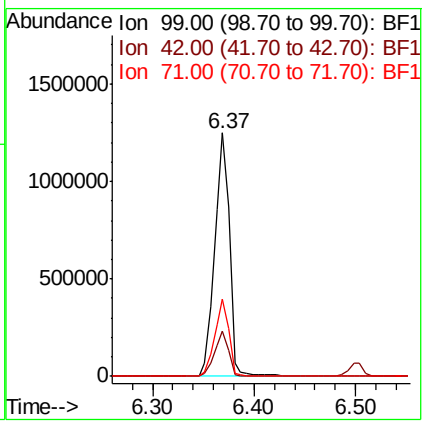


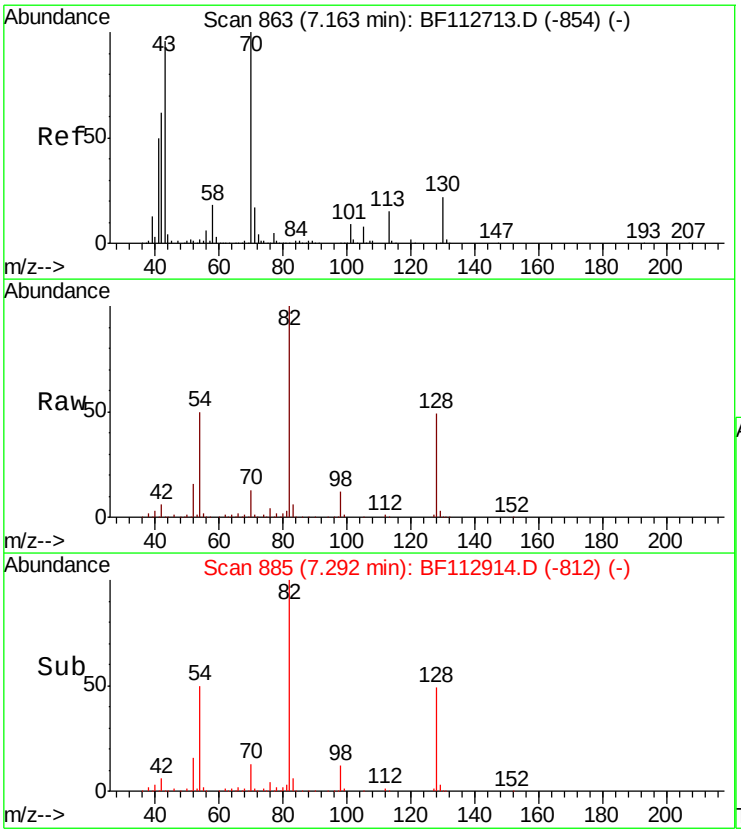
#7
Phenol-d6
Concen: 43.097 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion: 99 Resp: 1260849

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	31.9	26.2	39.4

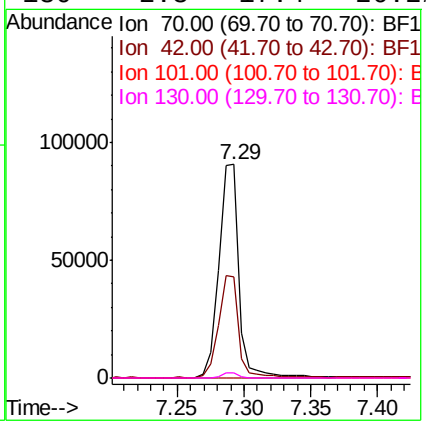


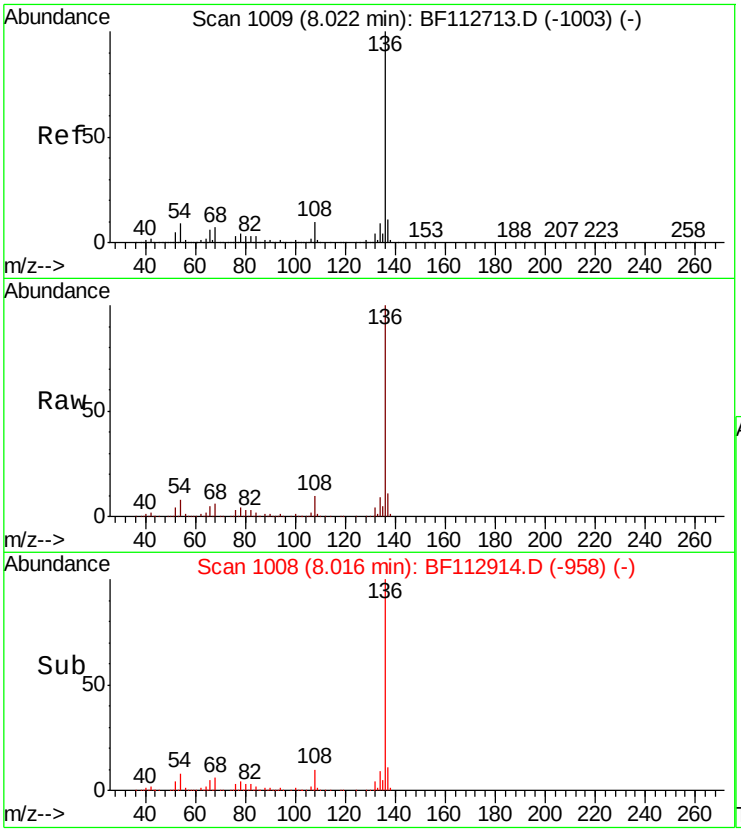


#19
n-Nitroso-di-n-propylamine
Concen: 5.266 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion: 70 Resp: 97582

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



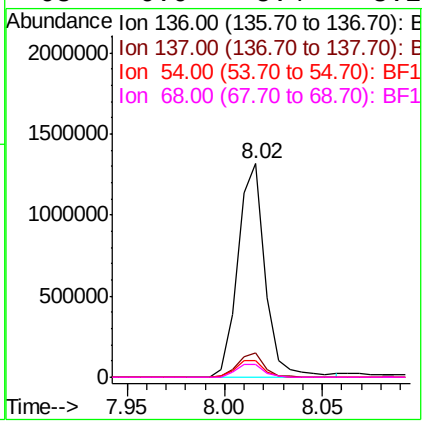


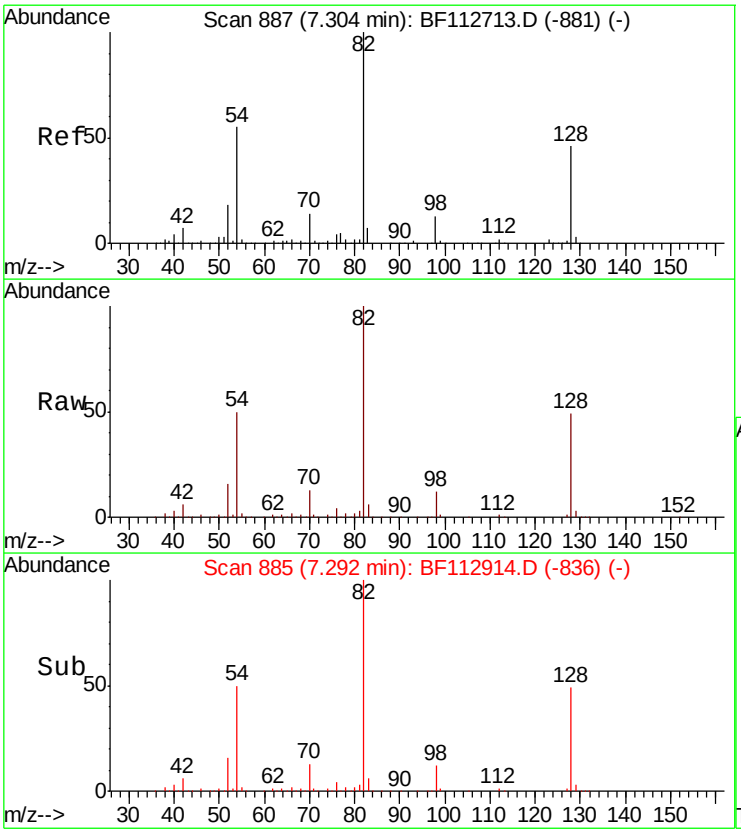
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:136 Resp: 1279185

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	7.3	10.9
68	6.0	5.4	8.2

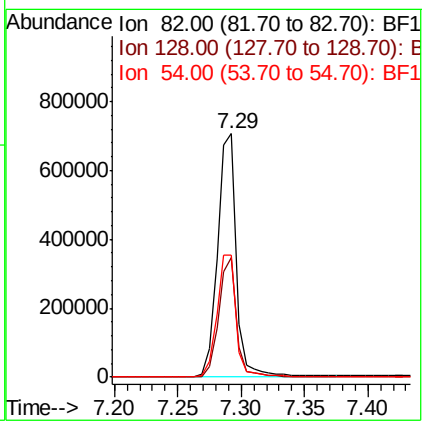


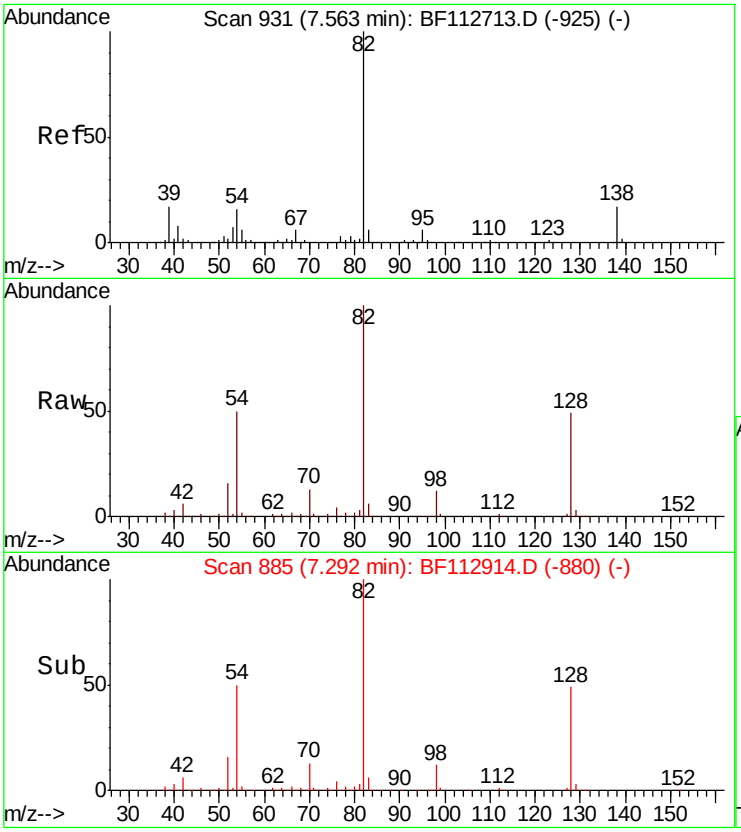


#23
Nitrobenzene-d5
Concen: 34.682 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion: 82 Resp: 741405

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.3	54.5
54	50.2	43.7	65.5



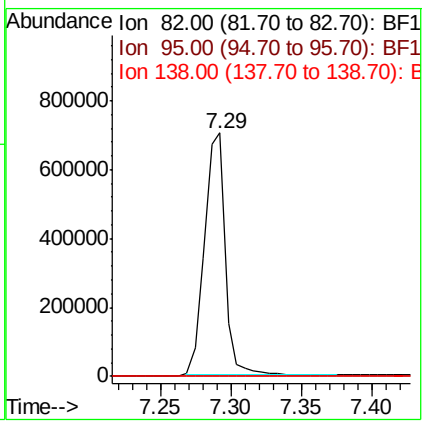


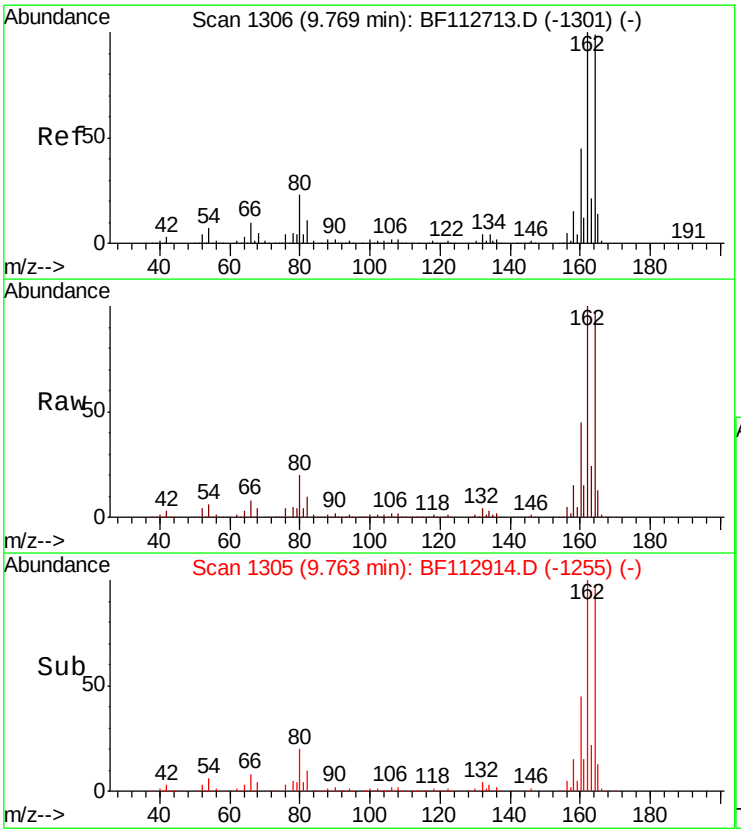
#25
Isophorone
Concen: 15.590 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion: 82 Resp: 717978

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

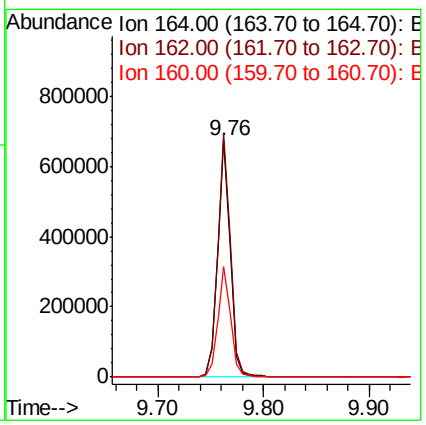


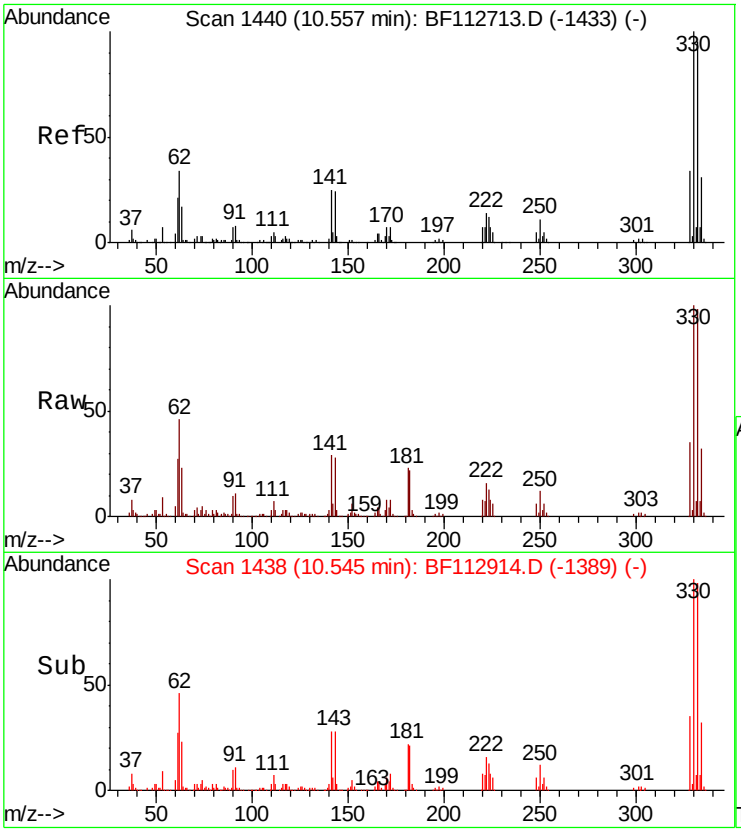


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:164 Resp: 575783

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.6	36.0	54.0



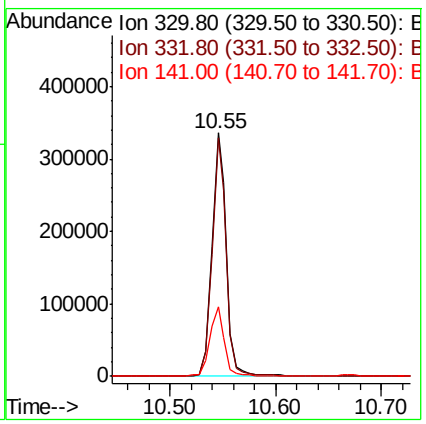


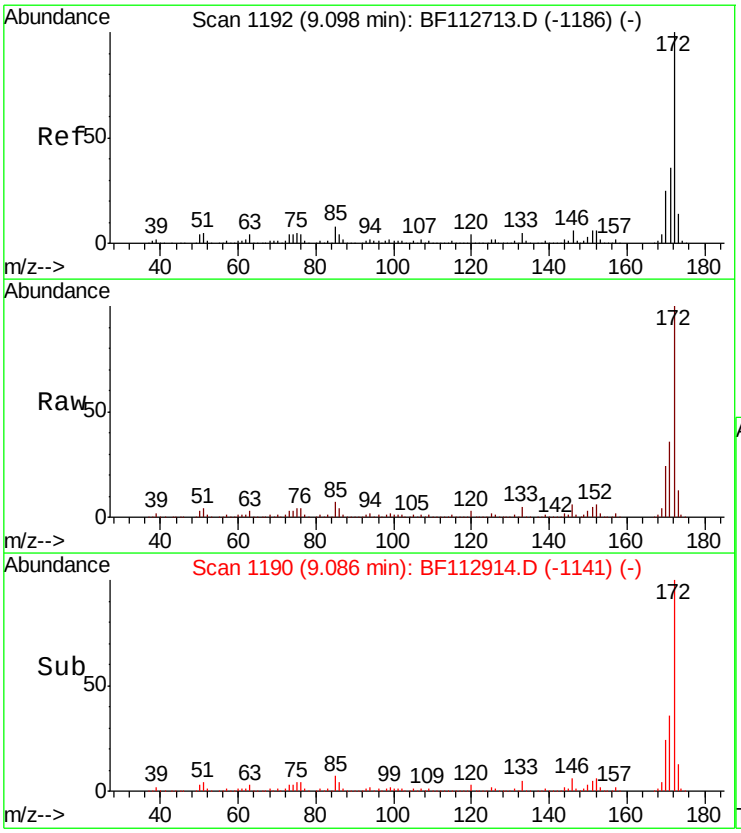
#42
2,4,6-Tribromophenol
Concen: 52.990 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:330 Resp: 323911

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.9	27.0	40.6

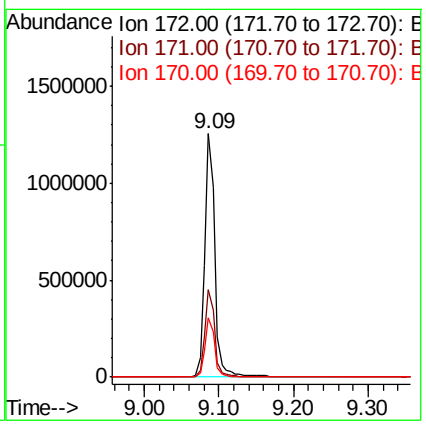


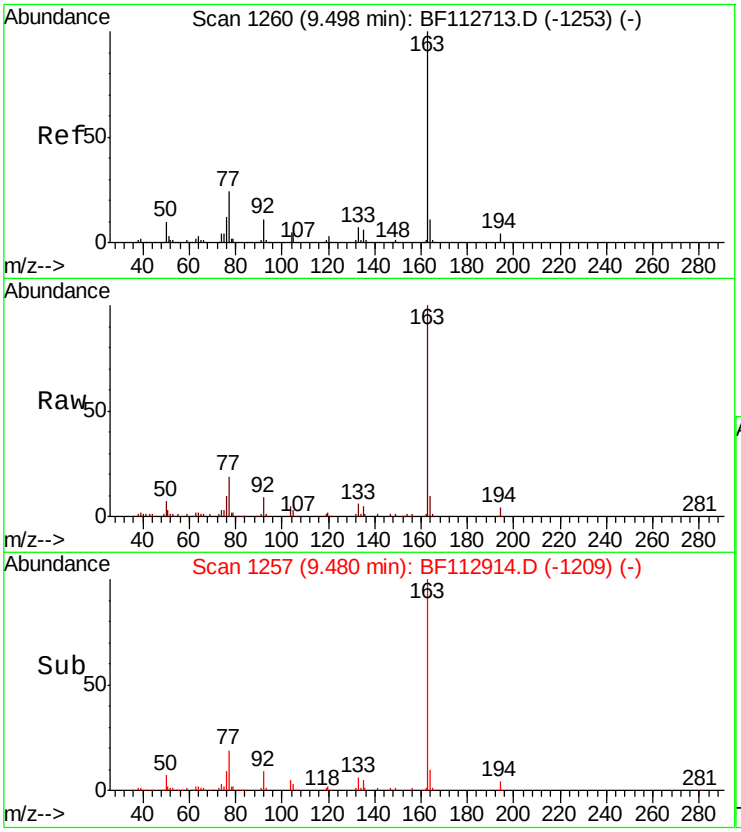


#45
2-Fluorobiphenyl
Concen: 28.316 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:172 Resp: 1186999

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.1	20.0	30.0



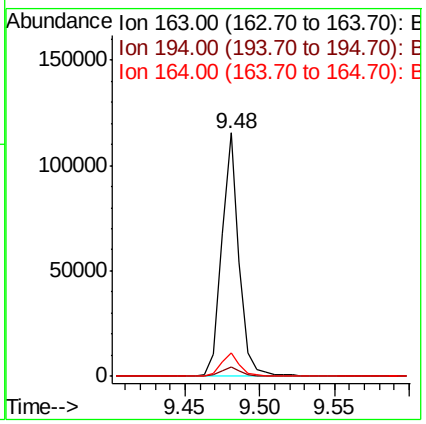


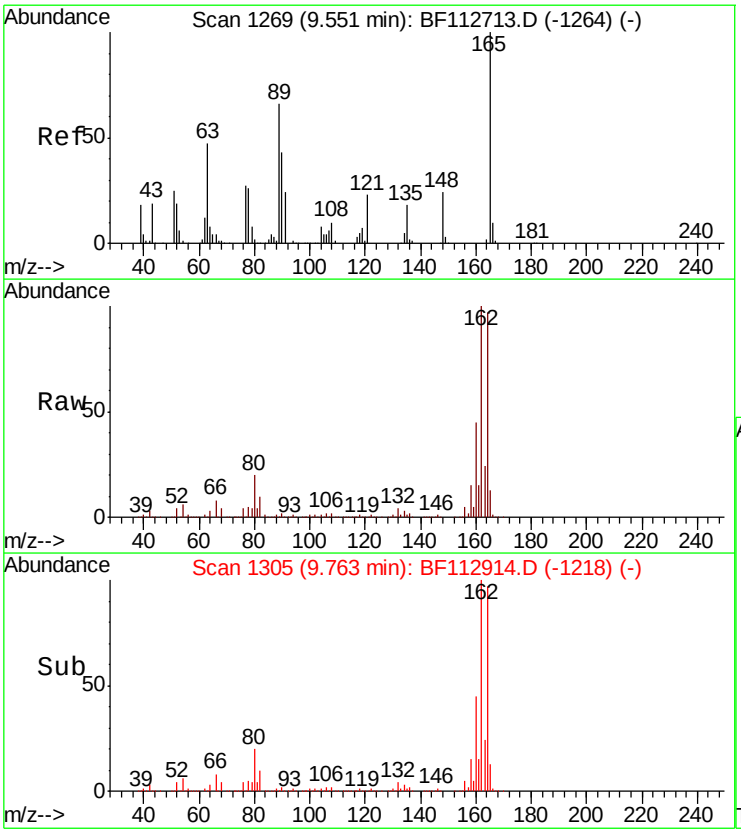
#50
Dimethylphthalate
Concen: 2.233 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:163 Resp: 94801

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.4	12.6

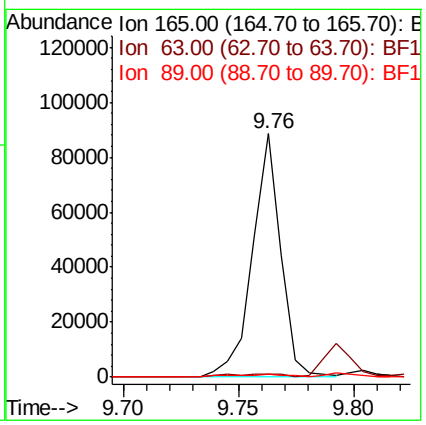


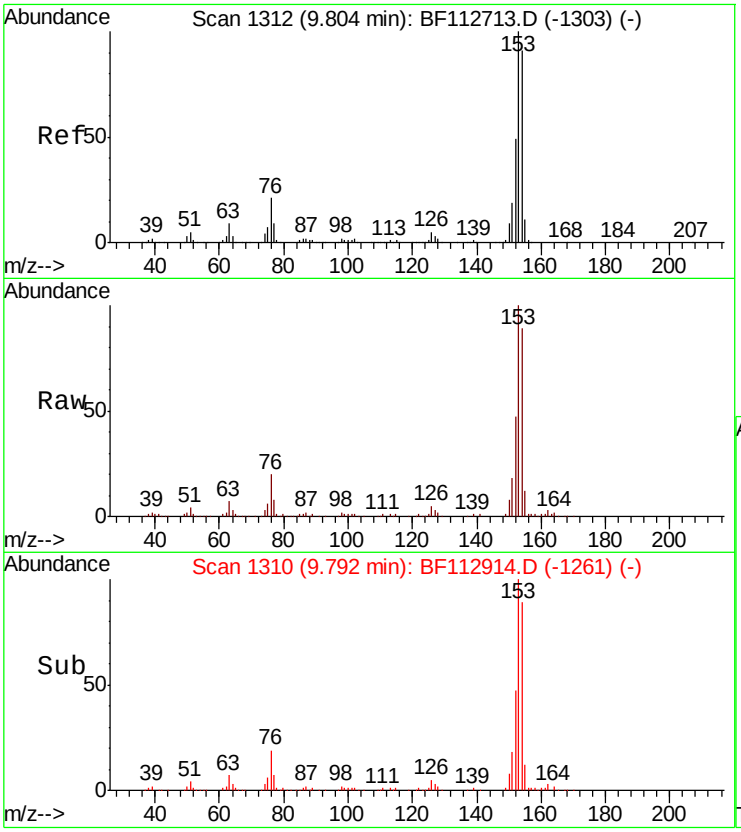


#51
2,6-Dinitrotoluene
Concen: 8.647 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:165 Resp: 76451

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.3	52.8	79.2#



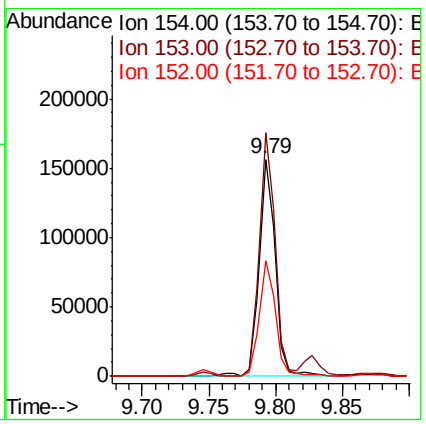


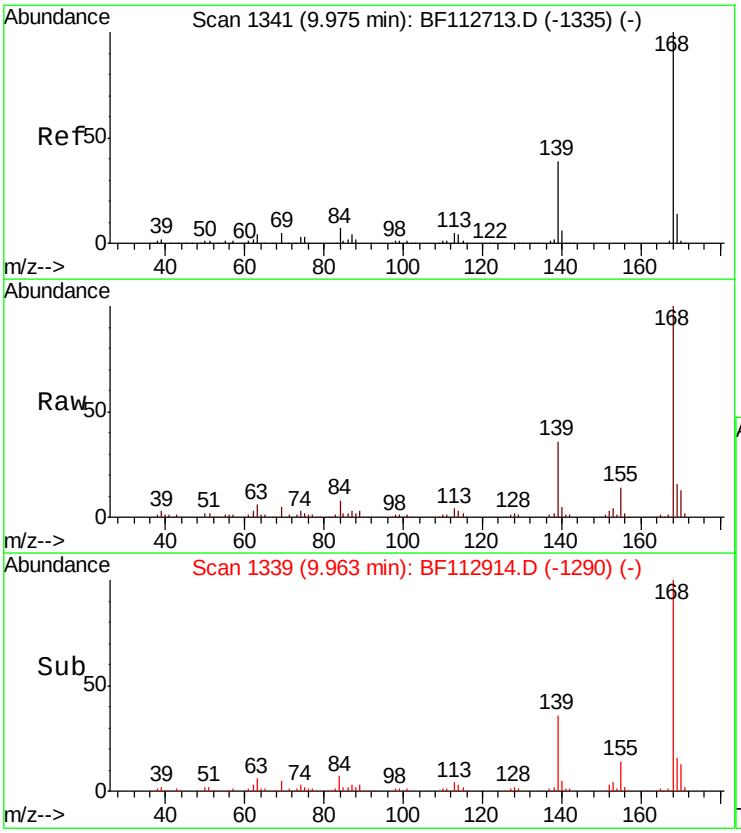
#52
Acenaphthene
Concen: 3.563 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:154 Resp: 129721

Ion	Ratio	Lower	Upper
154	100		
153	112.0	87.8	131.8
152	52.9	43.0	64.6

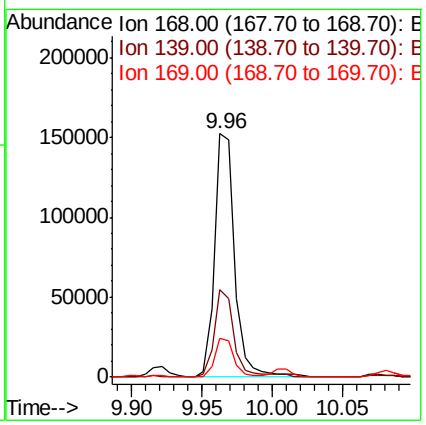


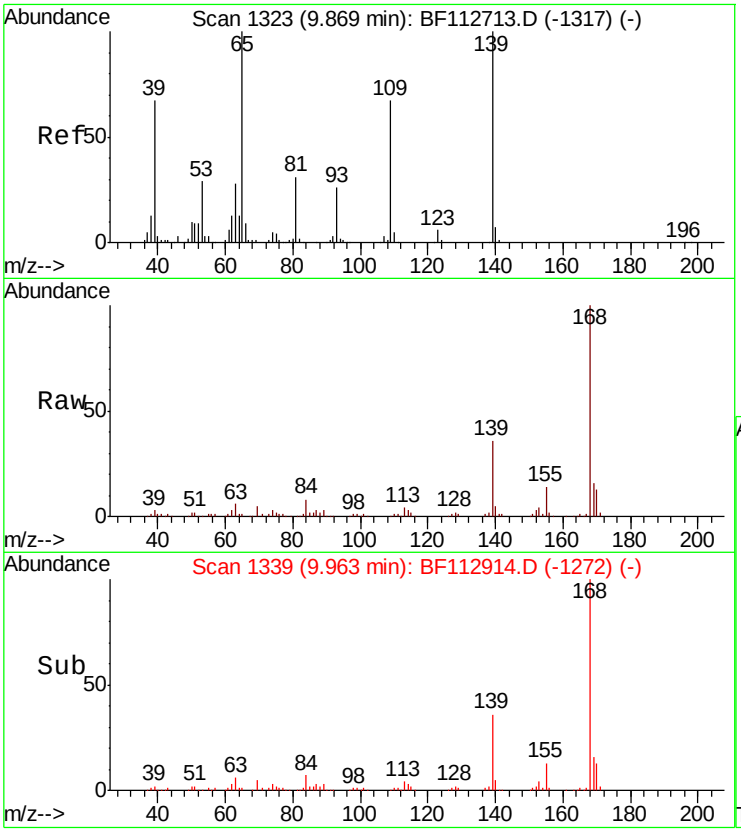


#55
Dibenzofuran
Concen: 2.860 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:168 Resp: 151354

Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.3	46.9
169	16.1	11.3	16.9



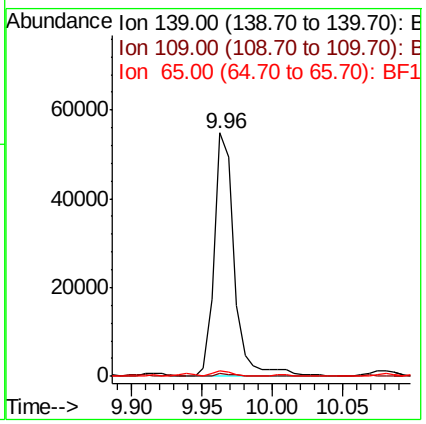


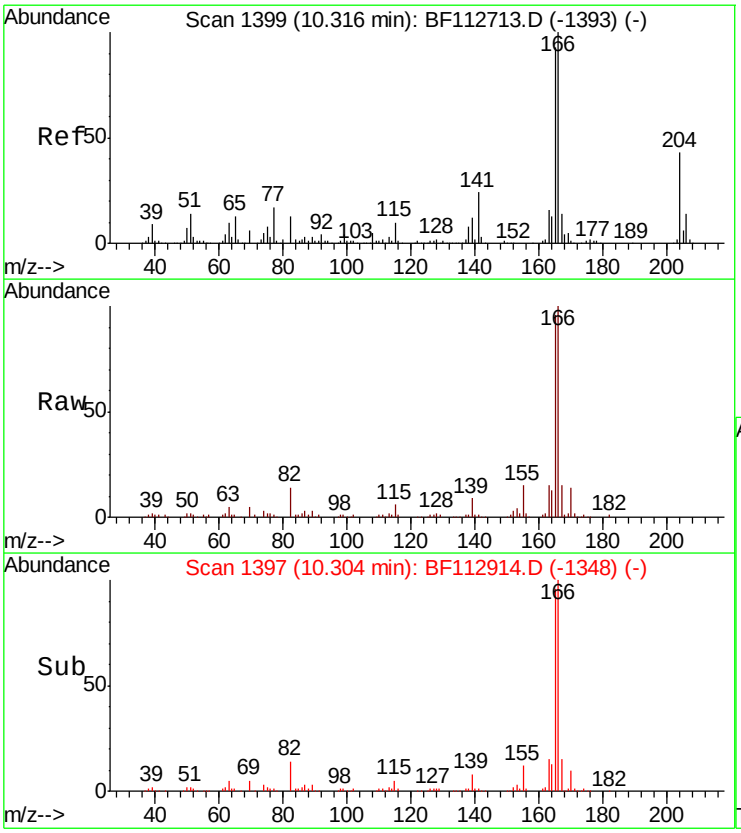
#56
4-Nitrophenol
Concen: 6.221 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:139 Resp: 54468

Ion	Ratio	Lower	Upper
139	100		
109	1.2	46.8	86.8#
65	2.1	80.7	120.7#

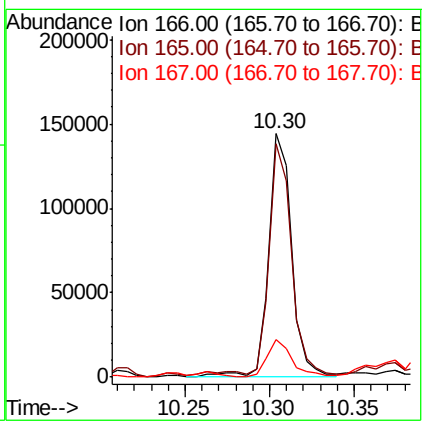


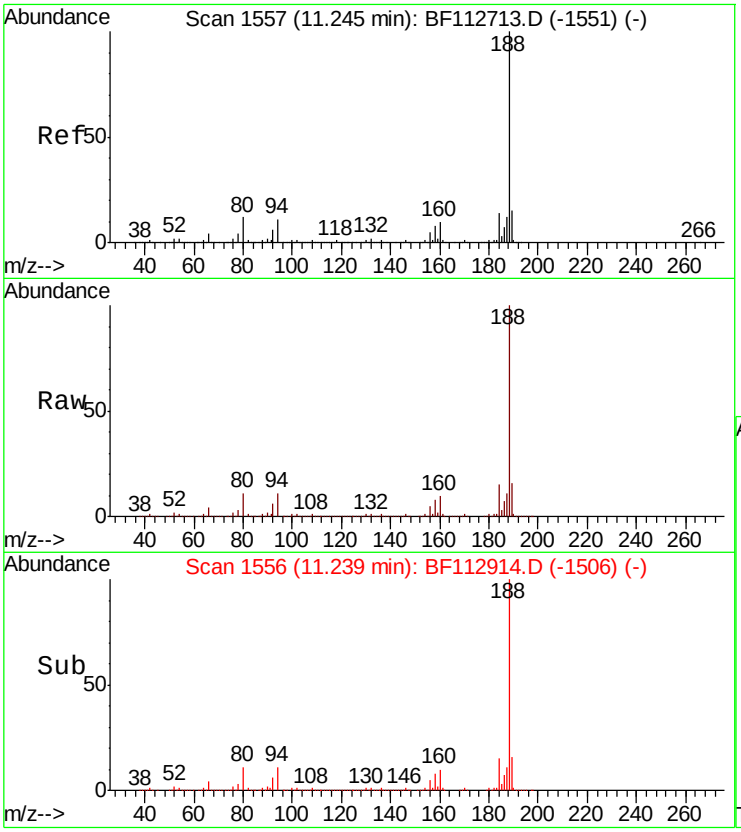


#58
Fluorene
Concen: 3.512 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:166 Resp: 131901

Ion	Ratio	Lower	Upper
166	100		
165	96.1	74.7	112.1
167	15.5	11.0	16.6



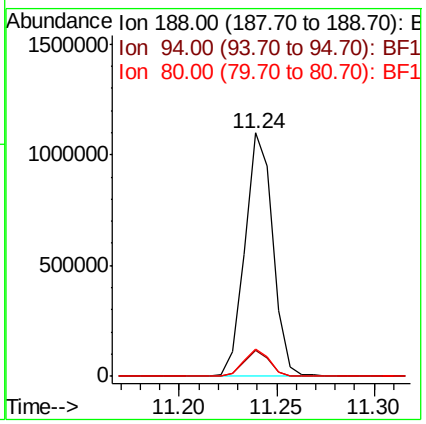


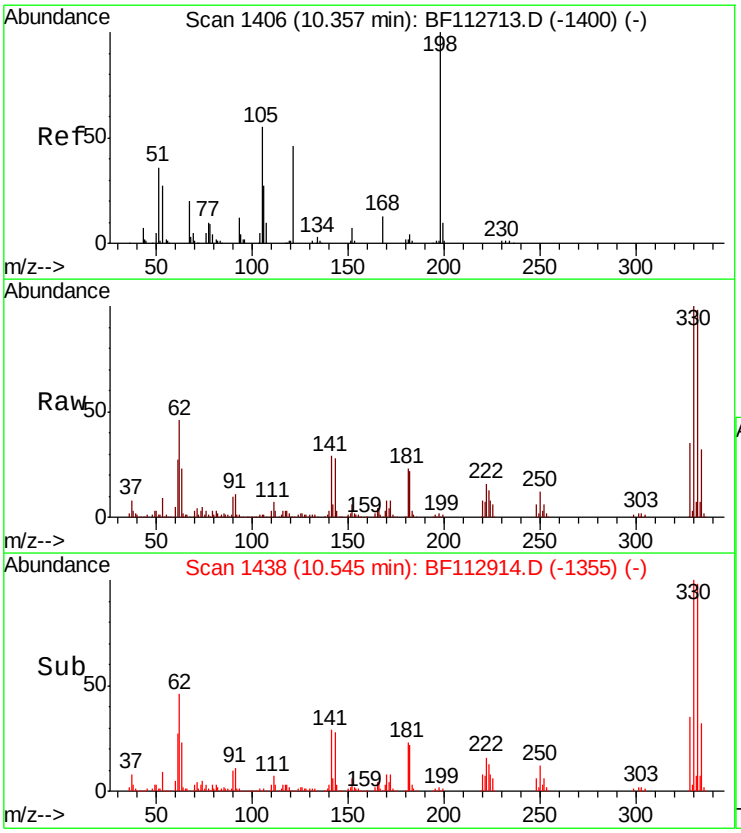
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:188 Resp: 1084966

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.1	9.2	13.8

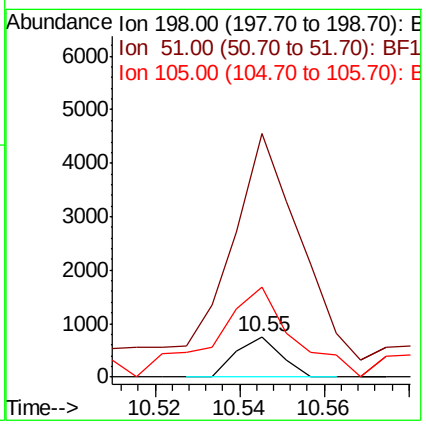


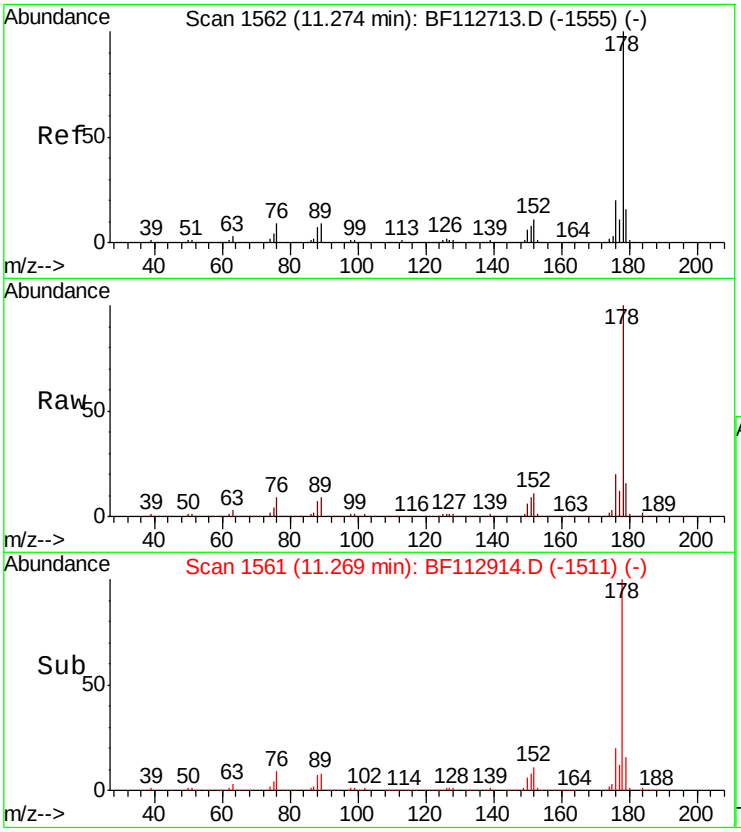


#65
4,6-Dinitro-2-methylphenol
Concen: 4.725 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:198 Resp: 555

Ion	Ratio	Lower	Upper
198	100		
51	600.0	43.8	83.8#
105	222.4	36.5	76.5#



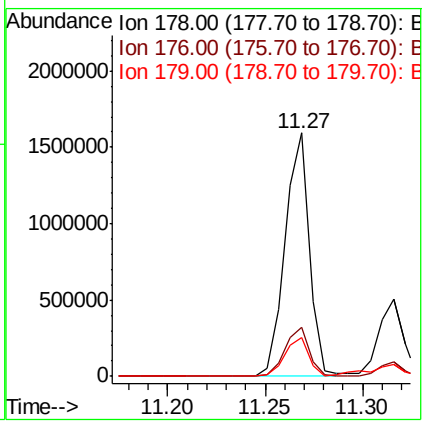


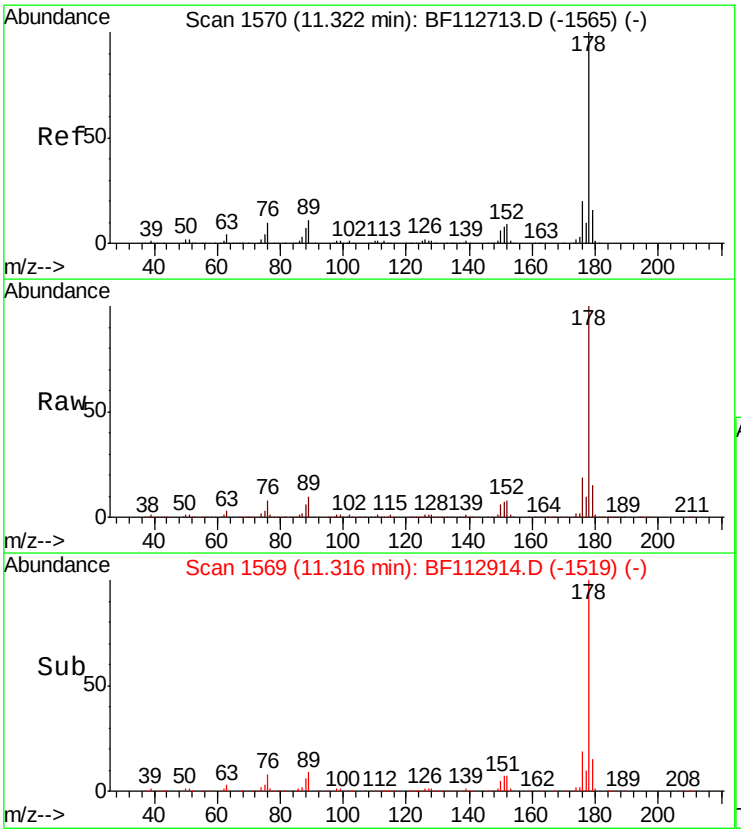
#71
Phenanthrene
Concen: 25.417 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:178 Resp: 1372056

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.8	12.7	19.1

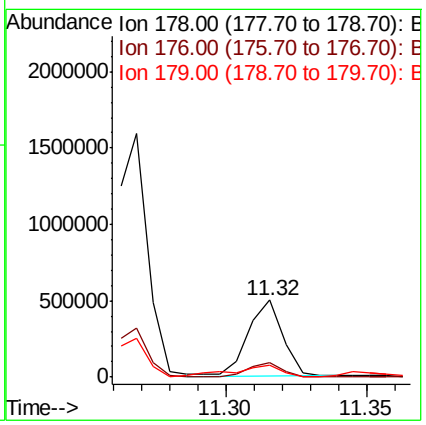


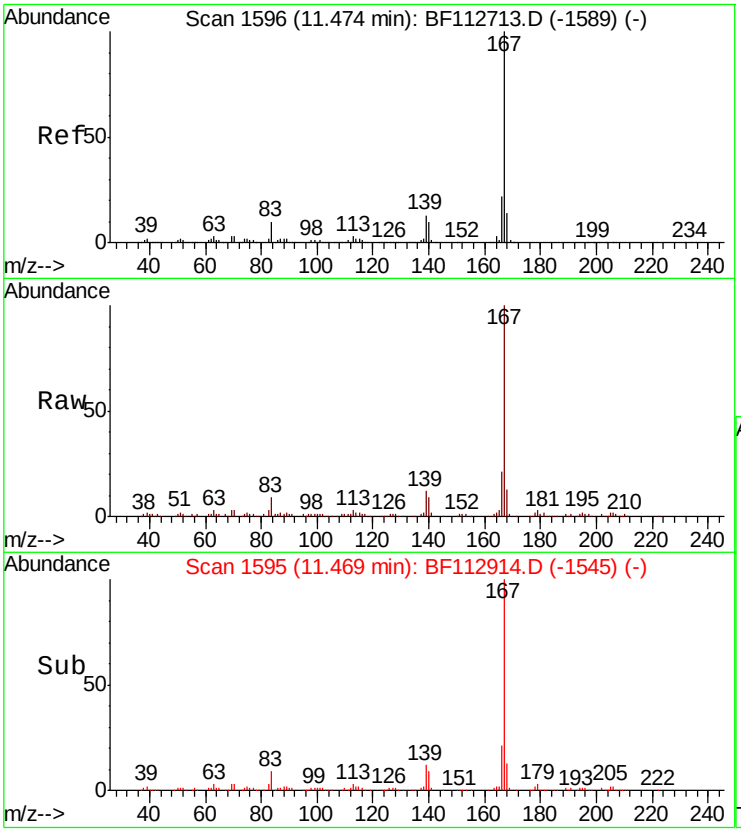


#72
Anthracene
Concen: 7.608 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:178 Resp: 429886

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.4	13.0	19.6



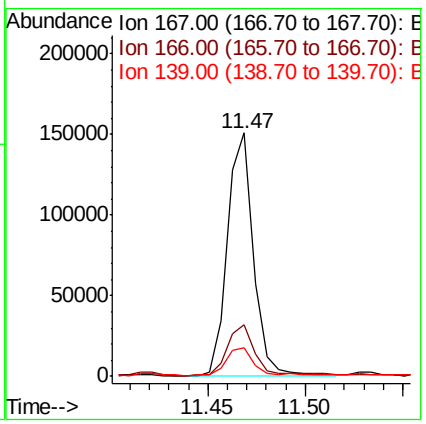


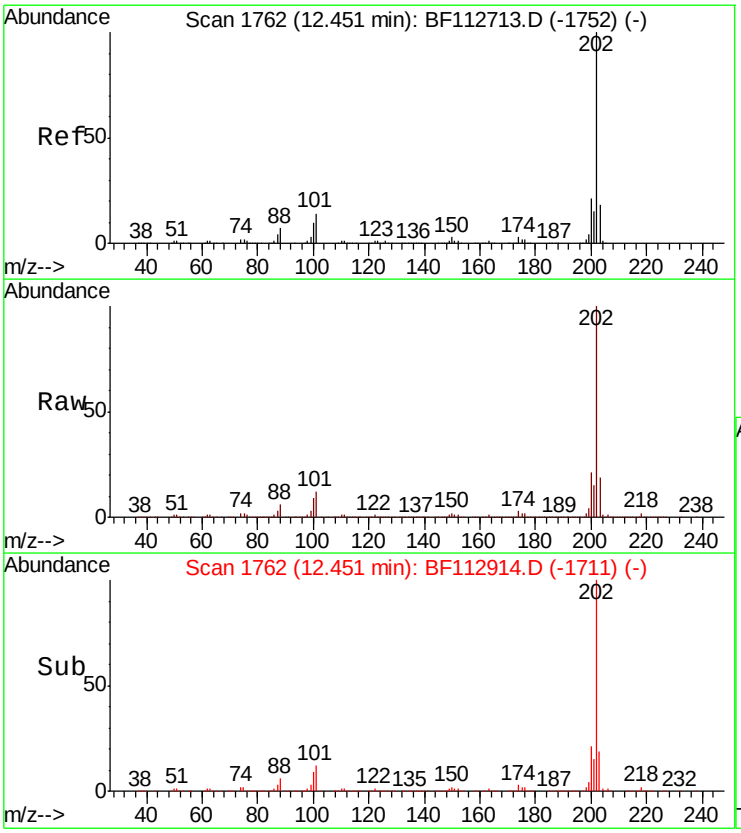
#73
Carbazole
Concen: 2.525 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:167 Resp: 139185

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	12.0	10.8	16.2

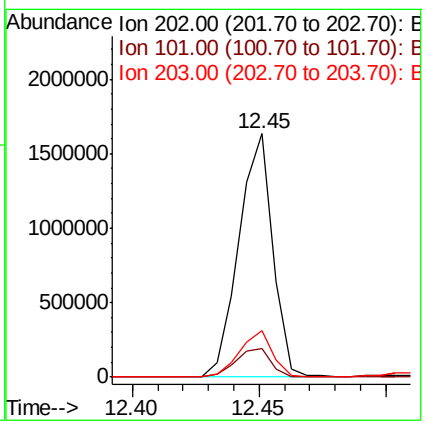


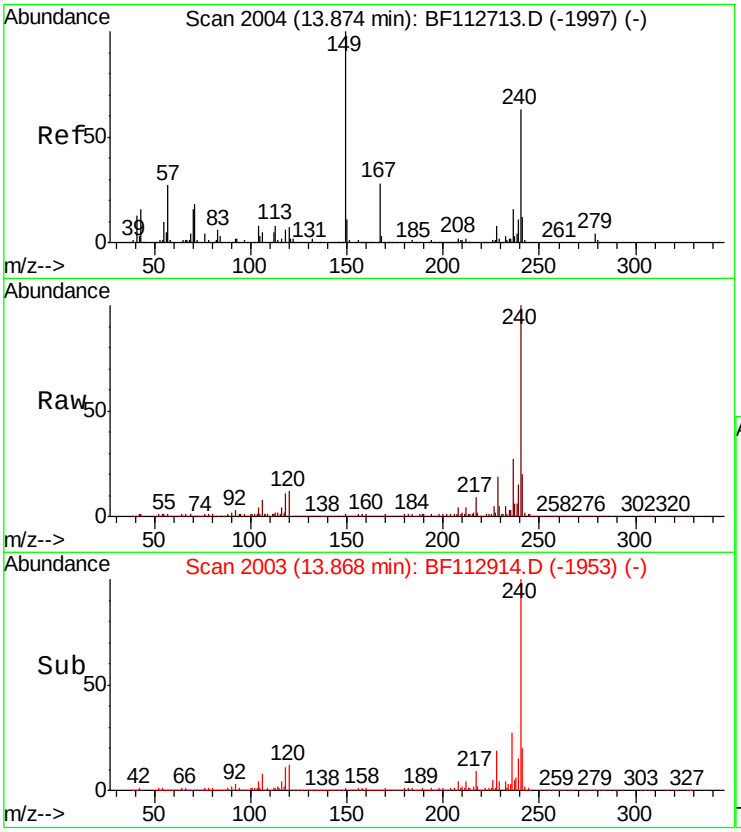


#75
Fluoranthene
Concen: 26.258 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:202 Resp: 1518639

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.8
203	18.9	0.0	38.4



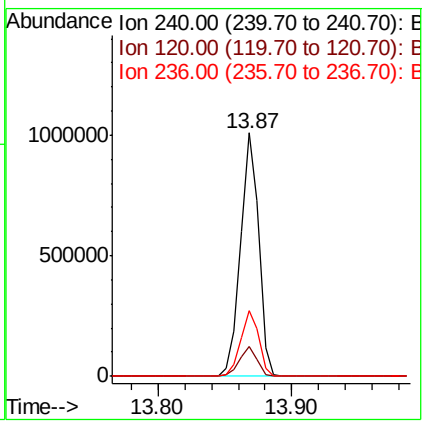


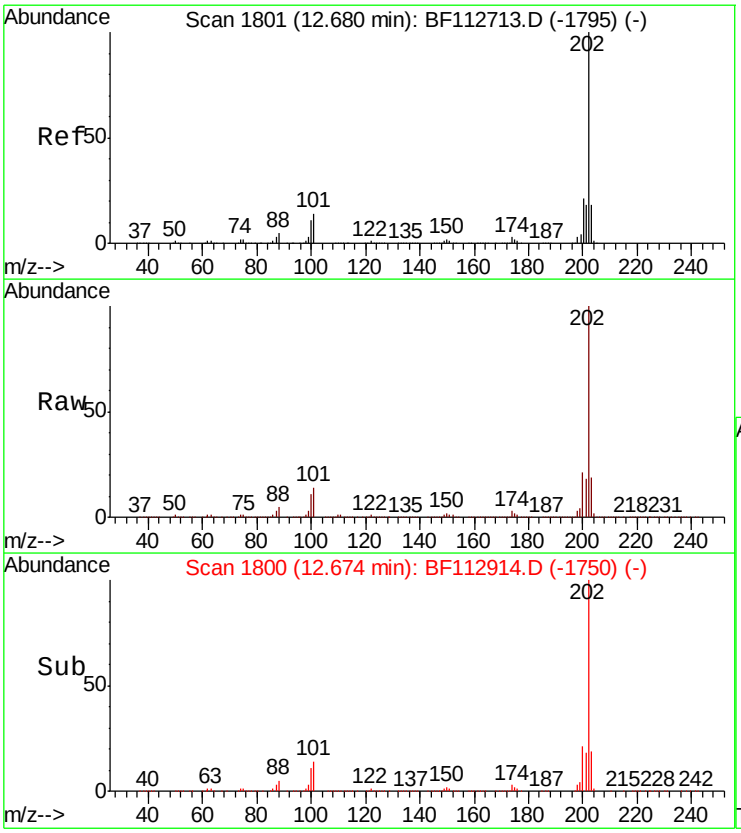
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:240 Resp: 951068

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.9	13.3
236	26.8	20.7	31.1

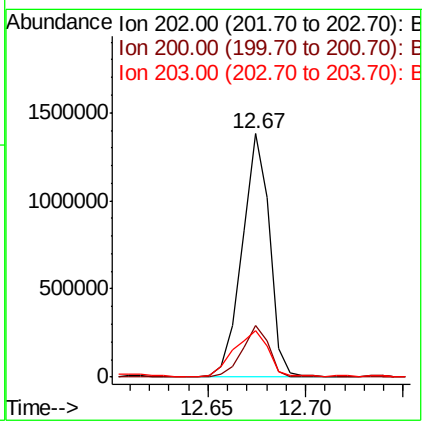


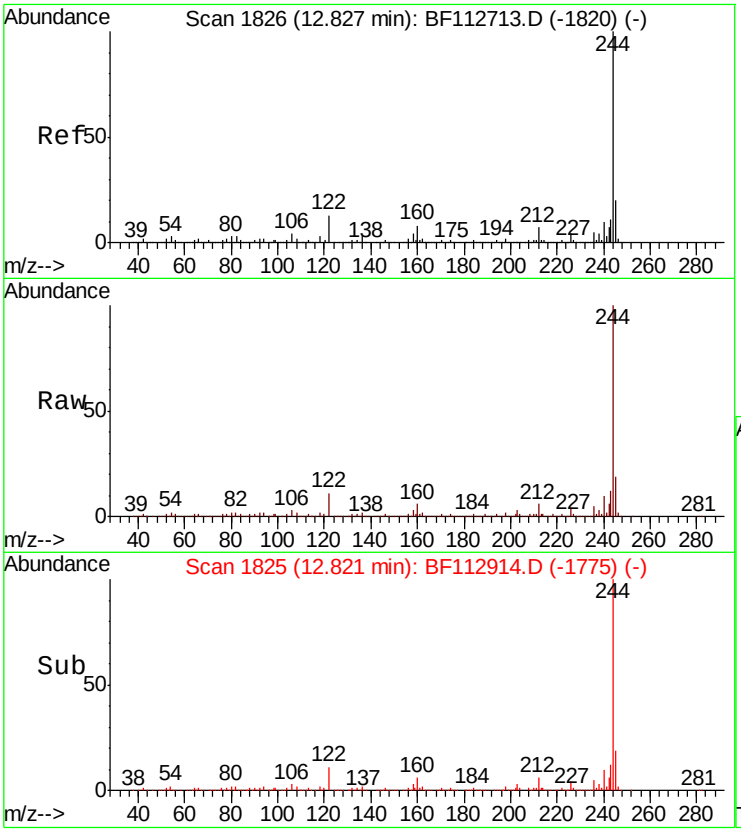


#78
Pyrene
Concen: 16.647 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:202 Resp: 1334678

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	19.0	14.4	21.6



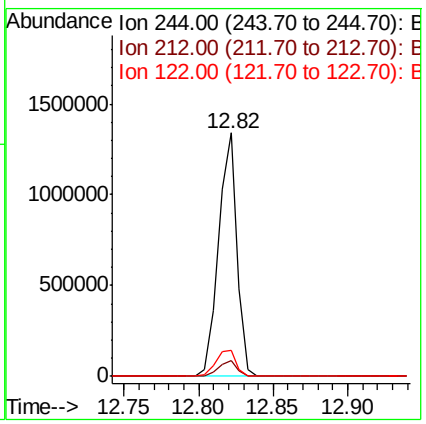


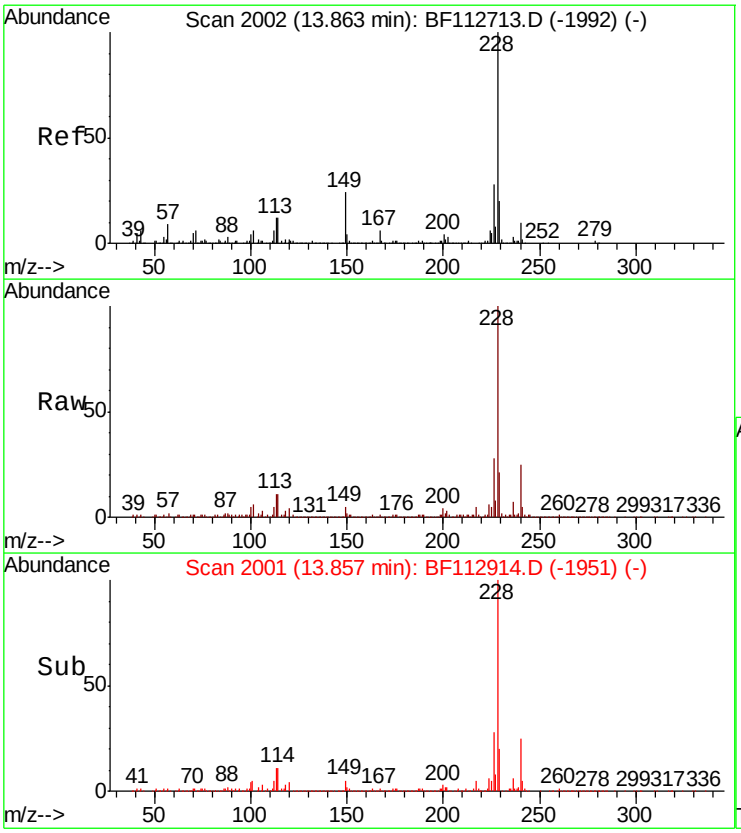
#79
Terphenyl-d14
Concen: 23.759 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:244 Resp: 1165659

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.5	10.5	15.7

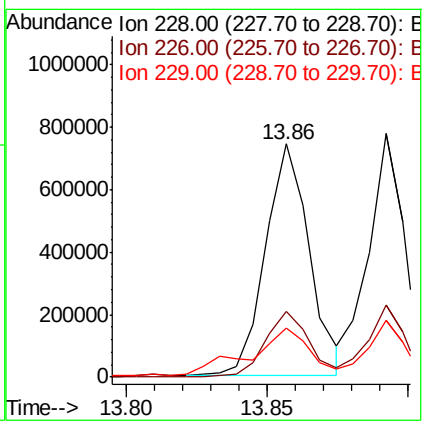


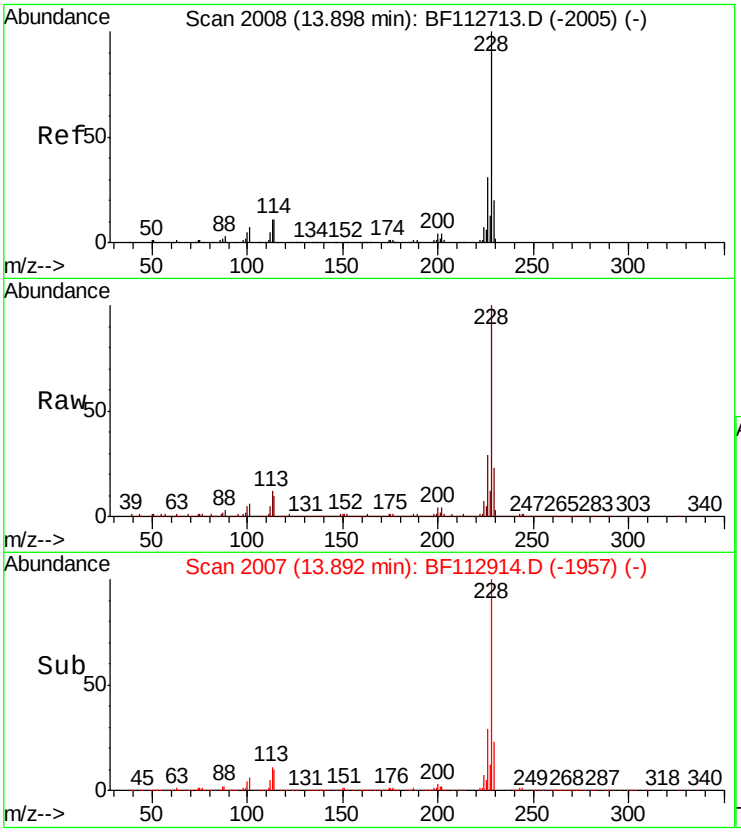


#81
Benzo(a)anthracene
Concen: 12.163 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:228 Resp: 801761

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.0	16.0	24.0



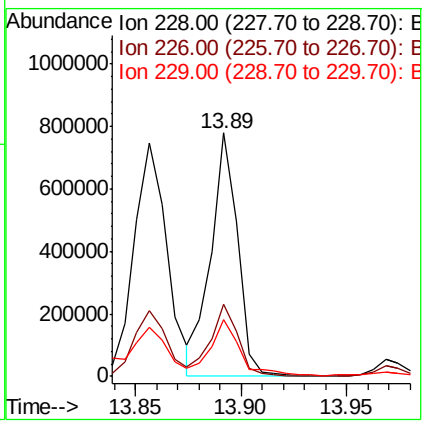


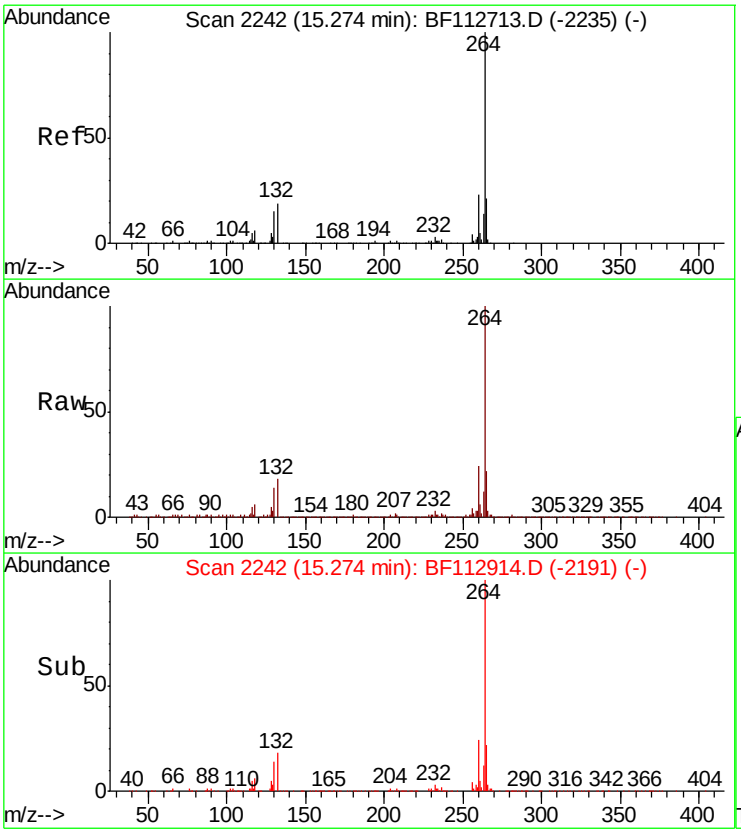
#83
Chrysene
Concen: 10.591 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:228 Resp: 683822

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	23.4	16.3	24.5

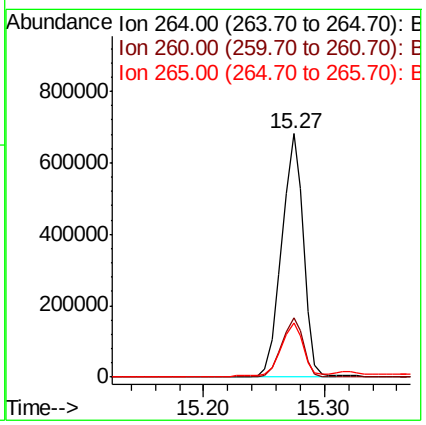


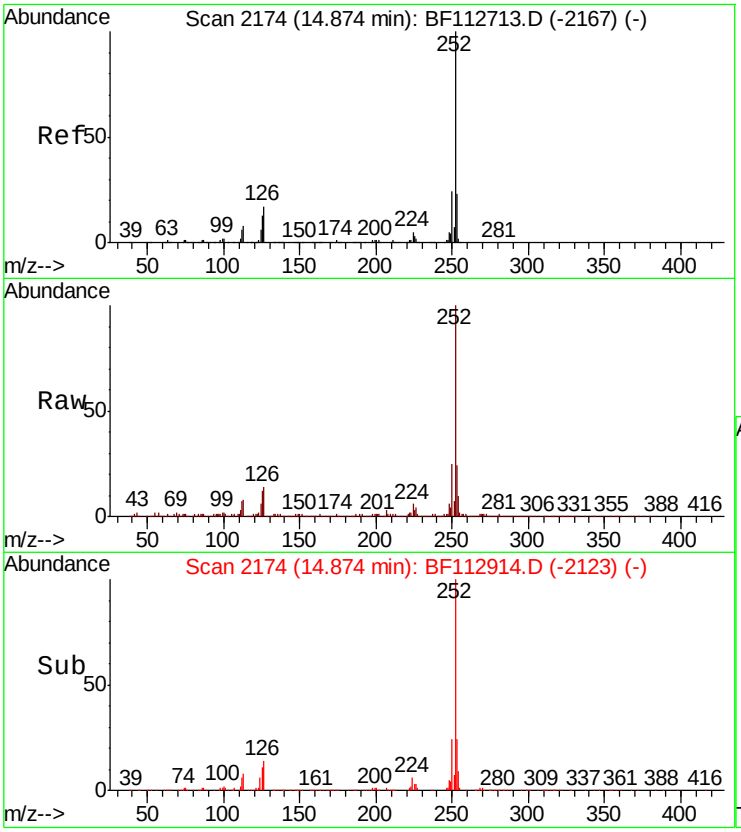


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:264 Resp: 836230

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.2	17.2	25.8



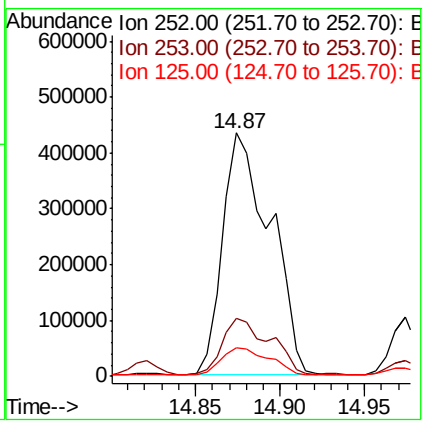


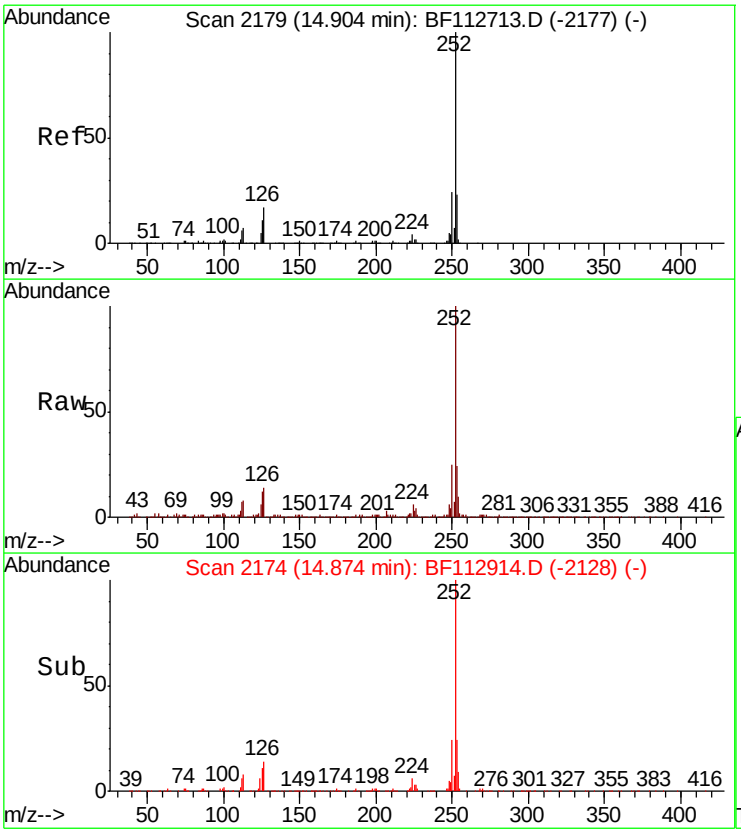
#88
Benzo(b)fluoranthene
Concen: 15.735 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:252 Resp: 851078

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	11.7	10.2	15.2

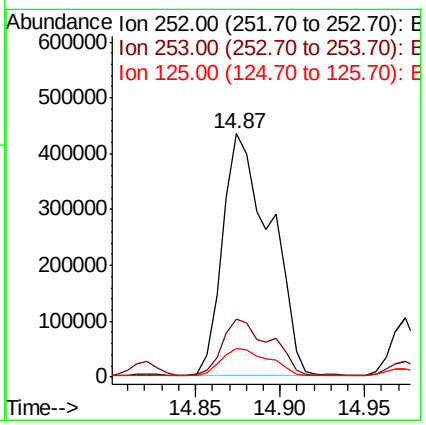


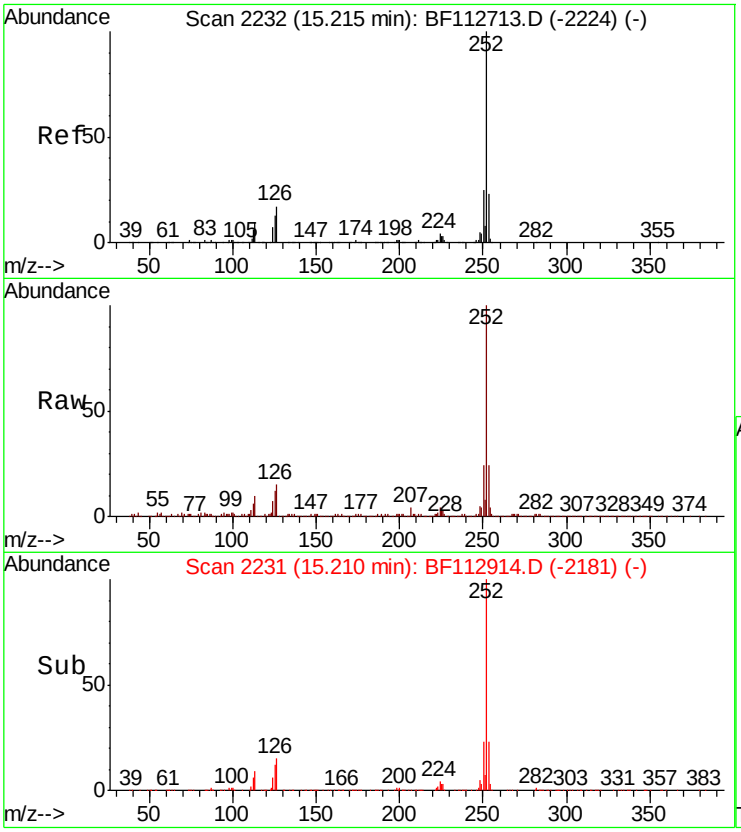


#89
Benzo(k)fluoranthene
Concen: 17.371 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:252 Resp: 851078

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	11.7	9.8	14.6



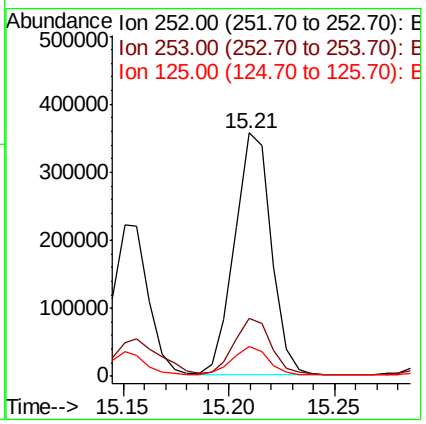


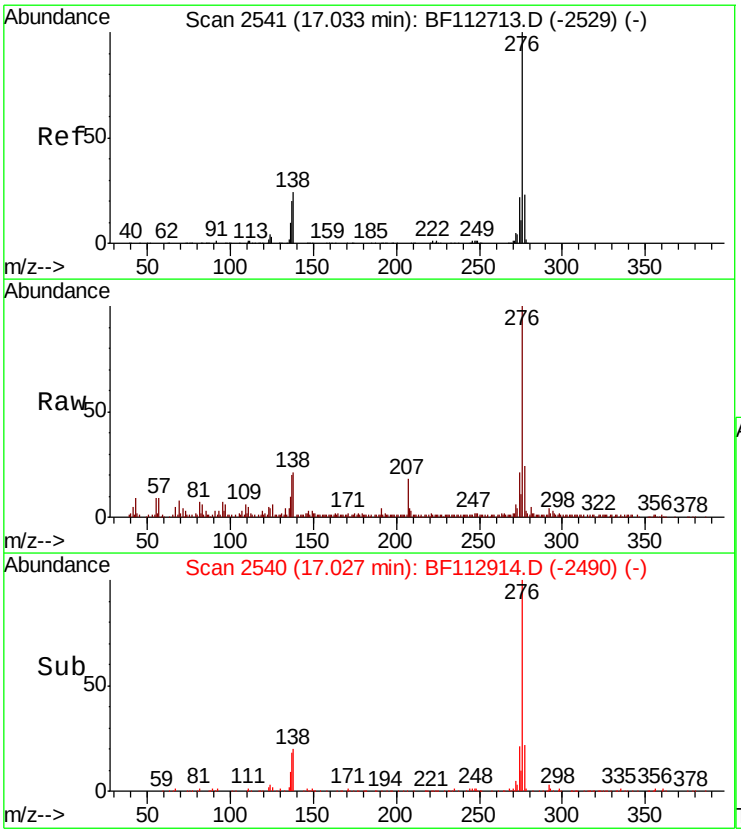
#90
Benzo(a)pyrene
Concen: 9.033 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW012-022719RE

Tgt Ion:252 Resp: 432153

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.5	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.973 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF112914.D
Acq: 7 Mar 2019 6:38

Tgt Ion:276 Resp: 162870

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	21.1	19.4	29.0