Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Time: Mar 13 03:57:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184392	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	643105	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	268733	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	457885	20.00	ng	0.00
76) Chrysene-d12	13.86	240	474778	20.00	ng	0.00
87) Perylene-d12	15.27	264	452245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	460176	38.82	ng	0.00
7) Phenol-d6	6.36	99	597133	40.10	ng	-0.01
23) Nitrobenzene-d5	7.29	82	322394	30.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	129089	45.25	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	555664	28.41	ng	0.00
79) Terphenyl-d14	12.82	244	486134	19.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	40704	4.316	ng	# 78
25) Isophorone	7.29	82	322392	13.924	ng	# 66
50) Dimethylphthalate	9.48	163	48122	2.429	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	35570	8.620	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.55	198	107	4.664	ng	# 1
71) Phenanthrene	11.26	178	226368	9.936	ng	98
72) Anthracene	11.32	178	84119	3.527	ng	99
75) Fluoranthene	12.45	202	327783	13.429	ng	97
78) Pyrene	12.67	202	313532	7.833	ng	99
81) Benzo(a)anthracene	13.86	228	166958	5.074	ng	95
83) Chrysene	13.89	228	160392	4.976	ng	97
88) Benzo(b)fluoranthene	14.87	252	235468	8.049	ng	97
89) Benzo(k)fluoranthene	14.87	252	235468	8.887	ng	97
90) Benzo(a)pyrene	15.21	252	132713	5.129	ng	97
92) Benzo(g,h,i)perylene	17.04	276	52439	2.365	ng	96

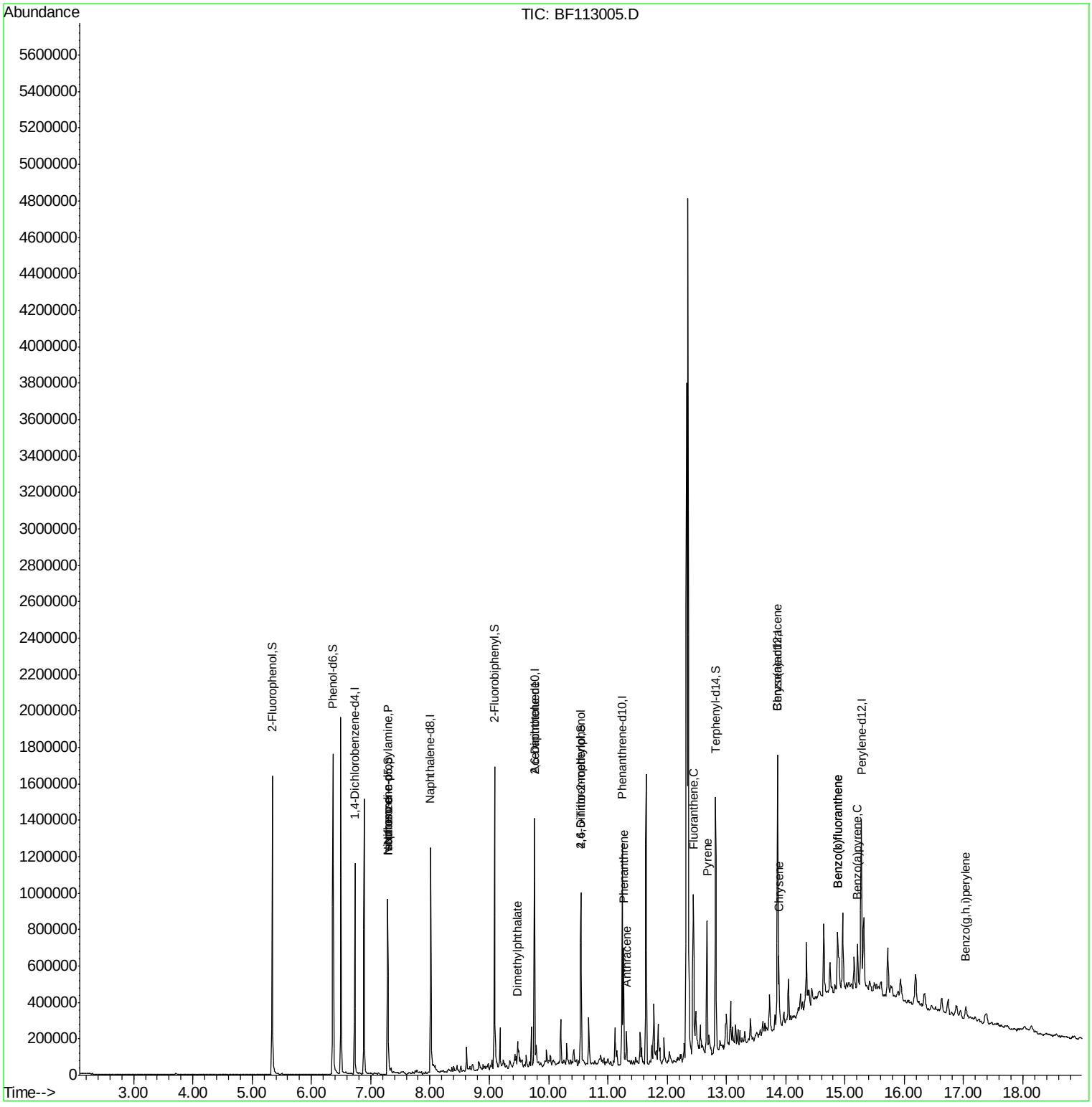
(#) = qualifier out of range (m) = manual integration (+) = signals summed

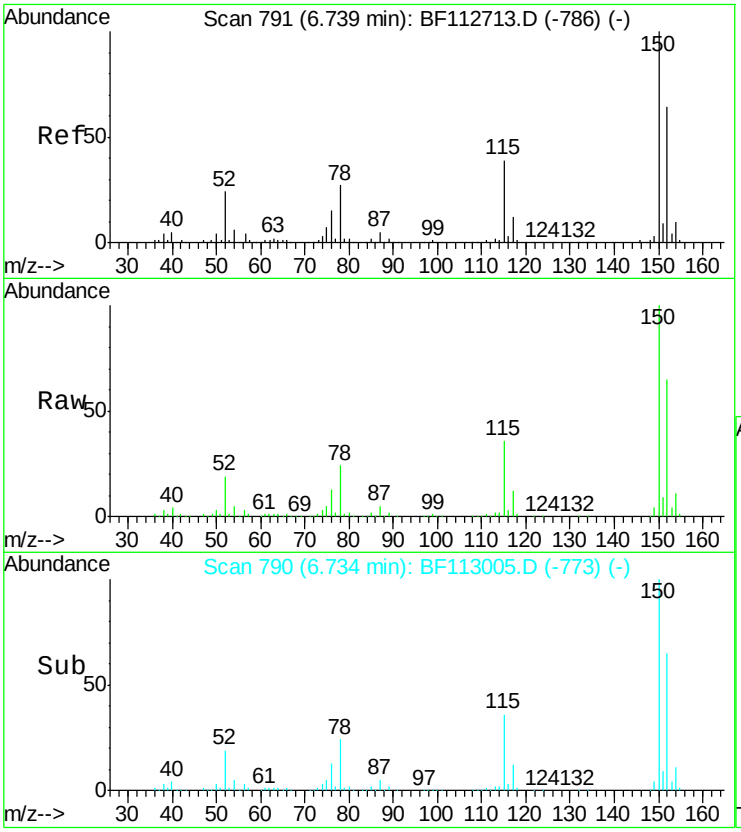
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Quant Time: Mar 13 03:57:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



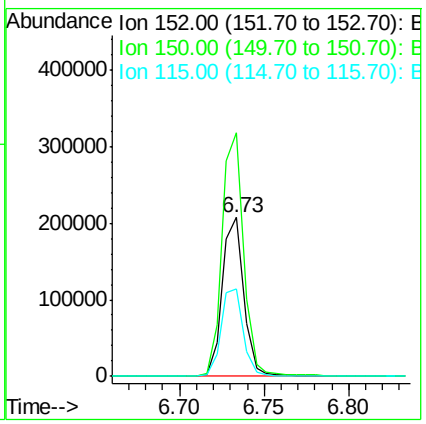


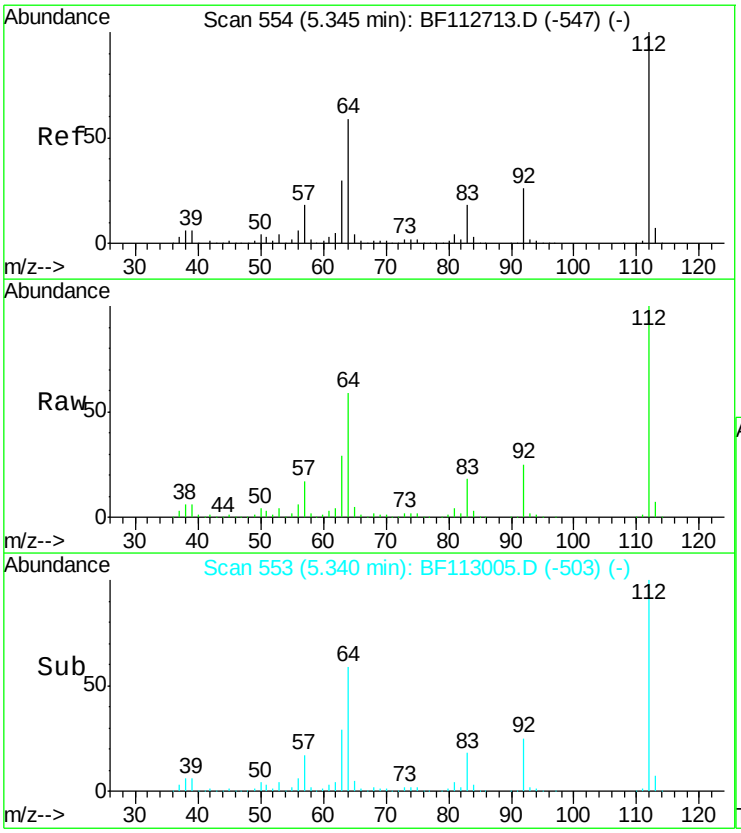
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:152 Resp: 184392

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	55.2	48.2	72.4

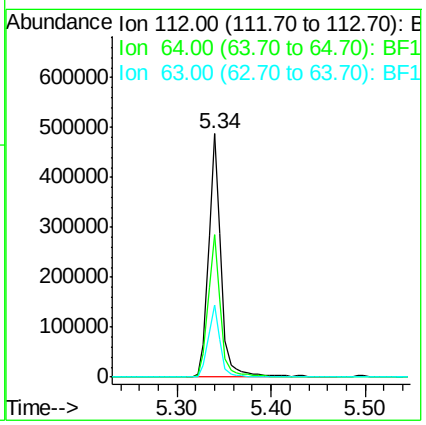


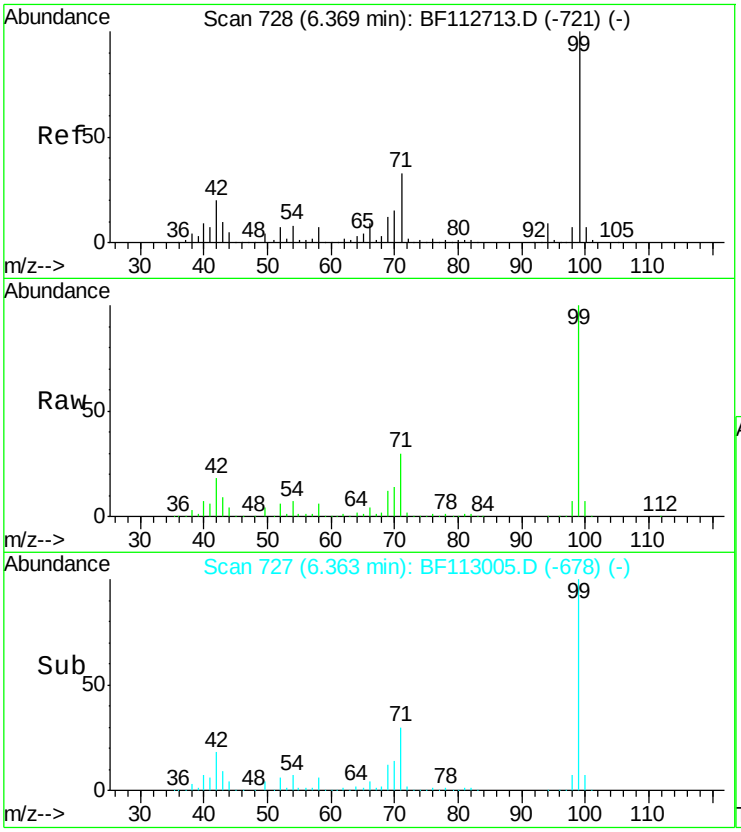


#5
2-Fluorophenol
Concen: 38.821 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:112 Resp: 460176

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.6	71.4
63	29.4	24.4	36.6



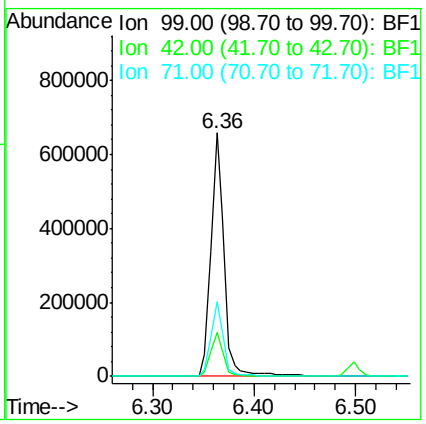


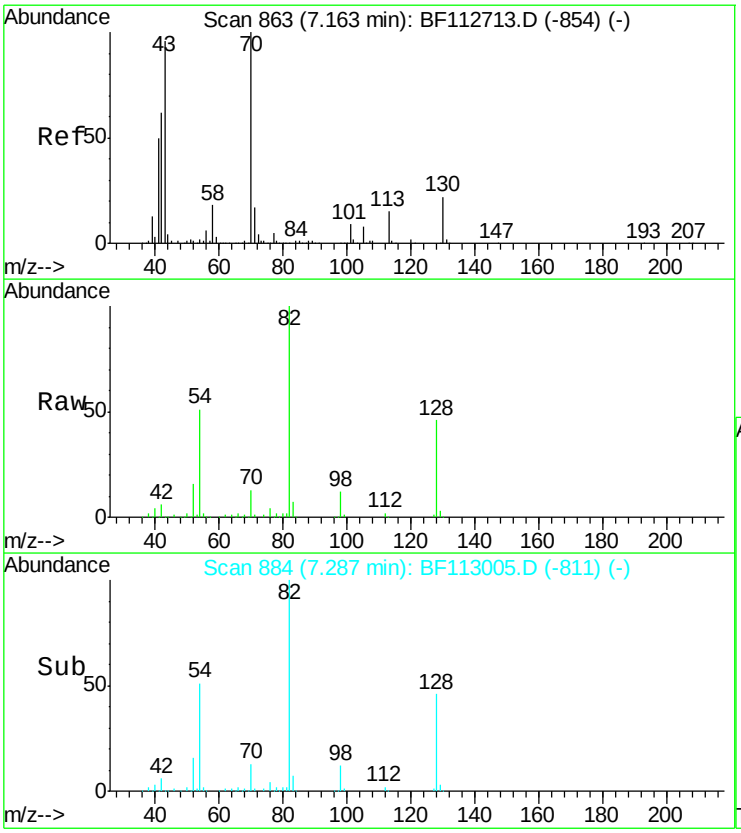
#7
Phenol-d6
Concen: 40.102 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion: 99 Resp: 597133

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	30.5	26.2	39.4

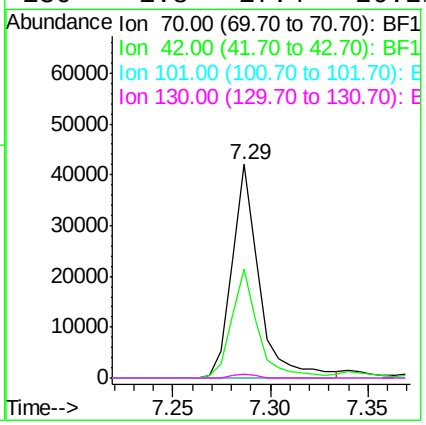


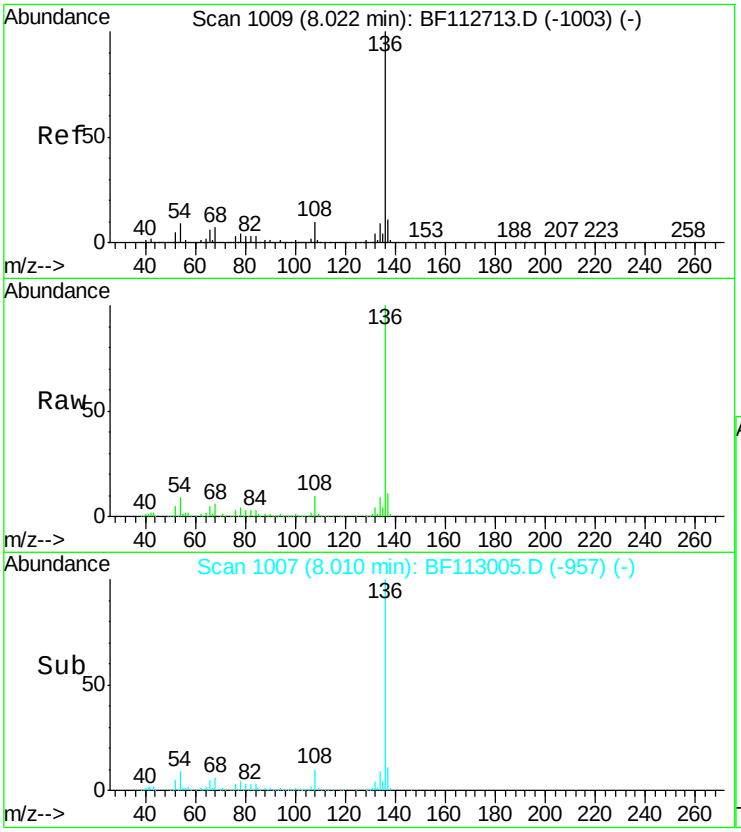


#19
n-Nitroso-di-n-propylamine
Concen: 4.316 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion: 70 Resp: 40704

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.9	74.9
101	0.0	7.4	11.2#
130	1.8	17.4	26.2#



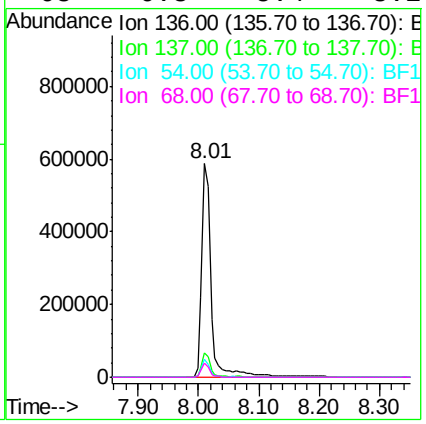


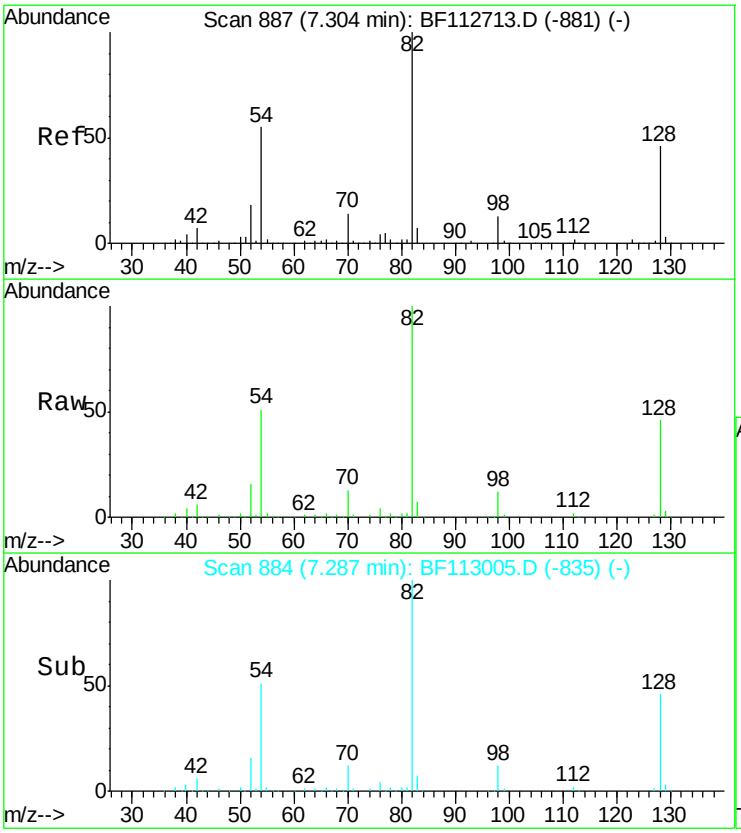
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:136 Resp: 643105

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	7.3	10.9
68	6.3	5.4	8.2

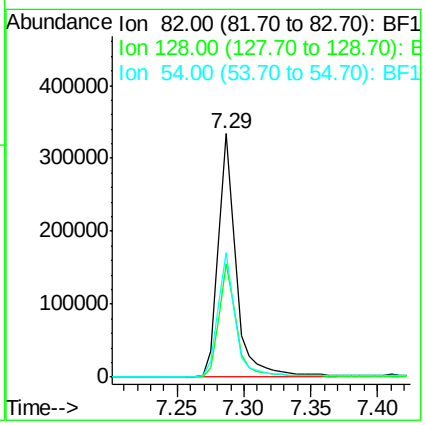


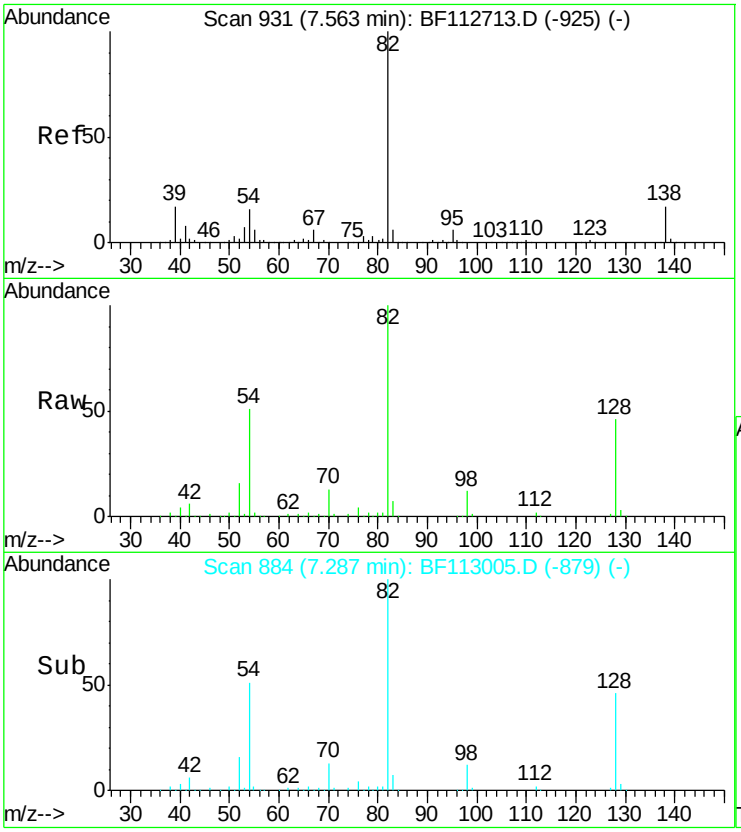


#23
Nitrobenzene-d5
Concen: 29.997 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion: 82 Resp: 322394

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	51.1	43.7	65.5



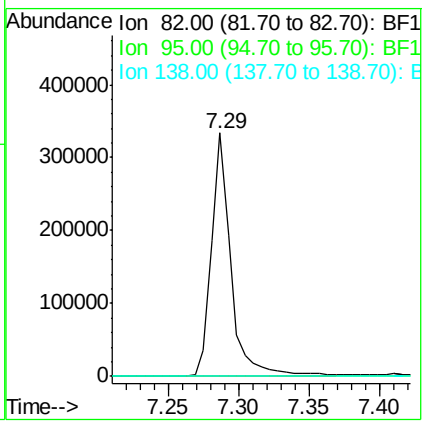


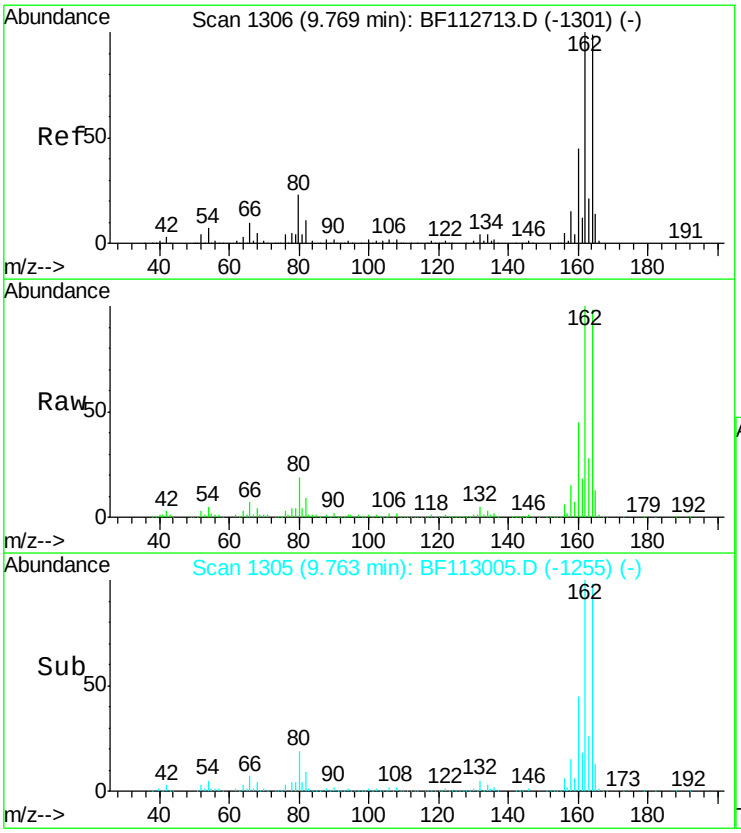
#25
Isophorone
Concen: 13.924 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion: 82 Resp: 322392

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

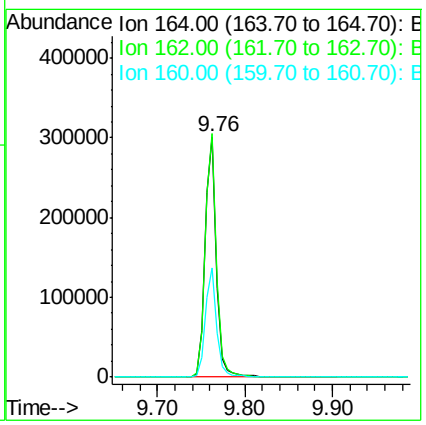


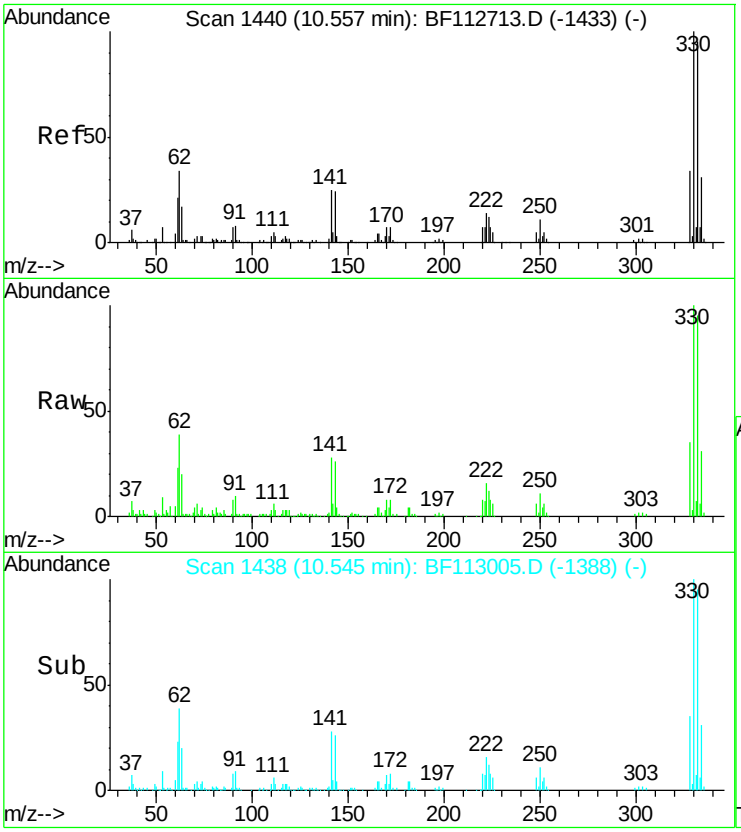


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:164 Resp: 268733

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.7	36.0	54.0



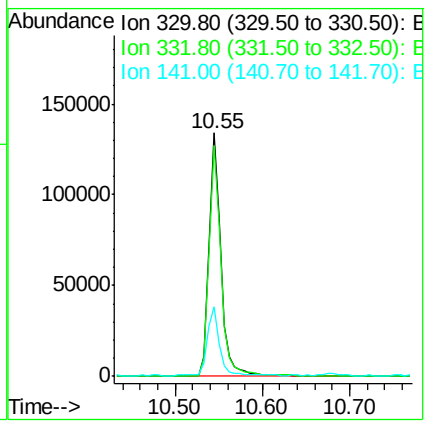


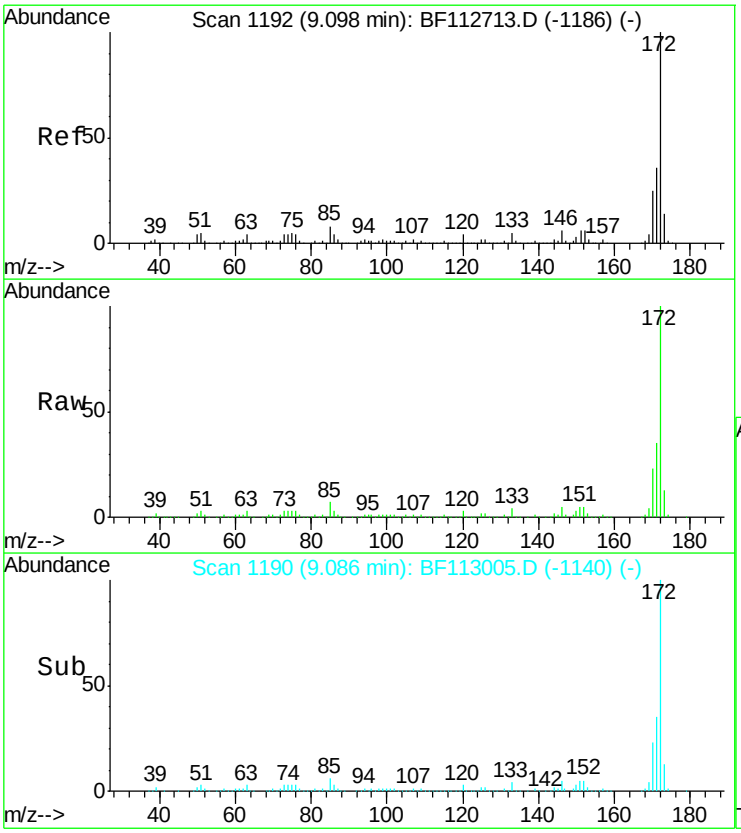
#42
2,4,6-Tribromophenol
Concen: 45.248 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:330 Resp: 129089

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	27.8	27.0	40.6

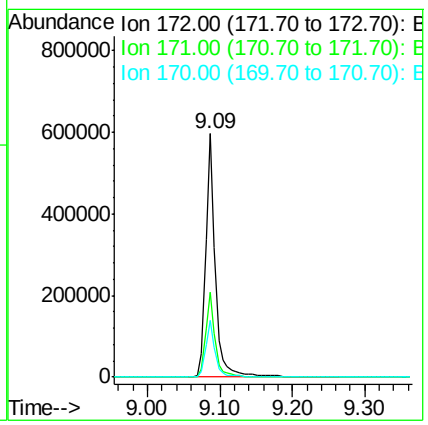


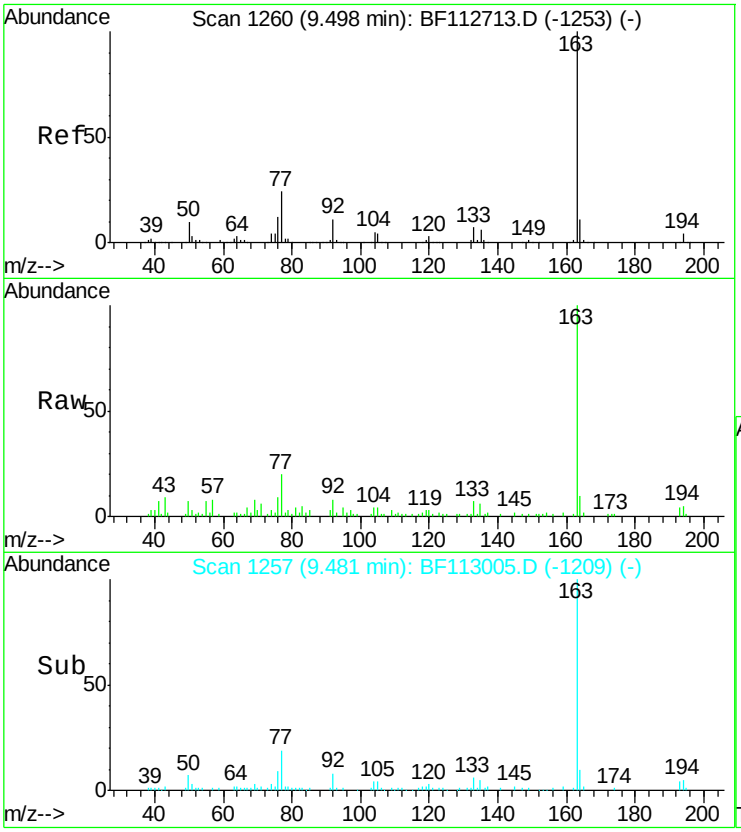


#45
2-Fluorobiphenyl
Concen: 28.412 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:172 Resp: 555664

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	23.3	20.0	30.0



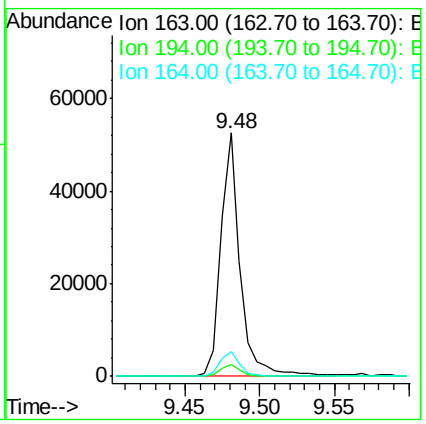


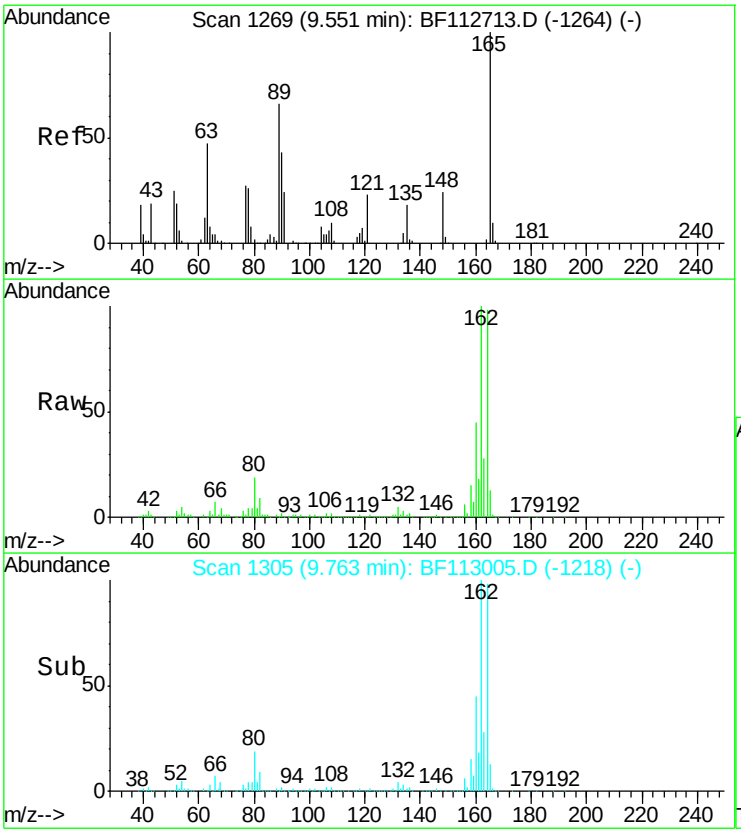
#50
Dimethylphthalate
Concen: 2.429 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:163 Resp: 48122

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.4#
164	9.9	8.4	12.6

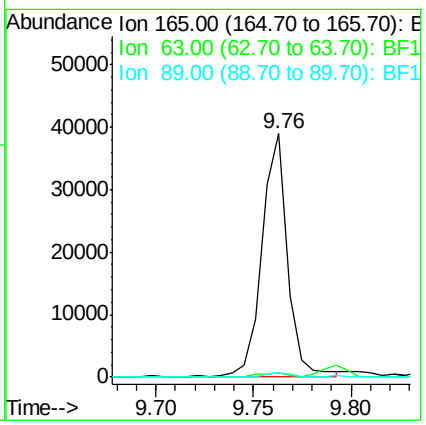


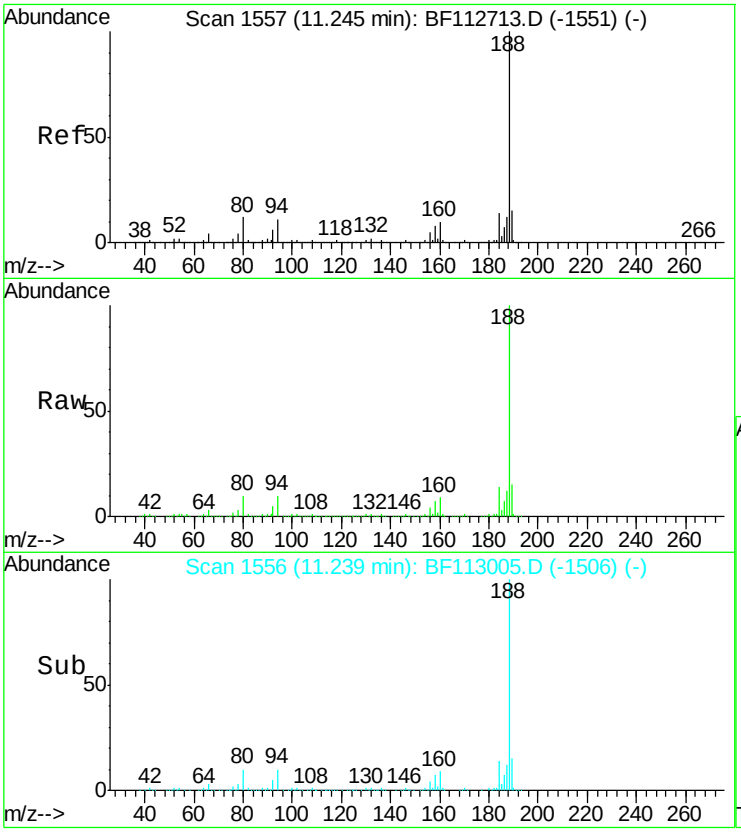


#51
2,6-Dinitrotoluene
Concen: 8.620 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:165 Resp: 35570

Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.8	52.8	79.2#



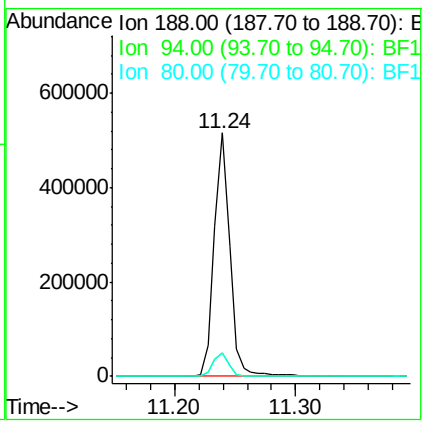


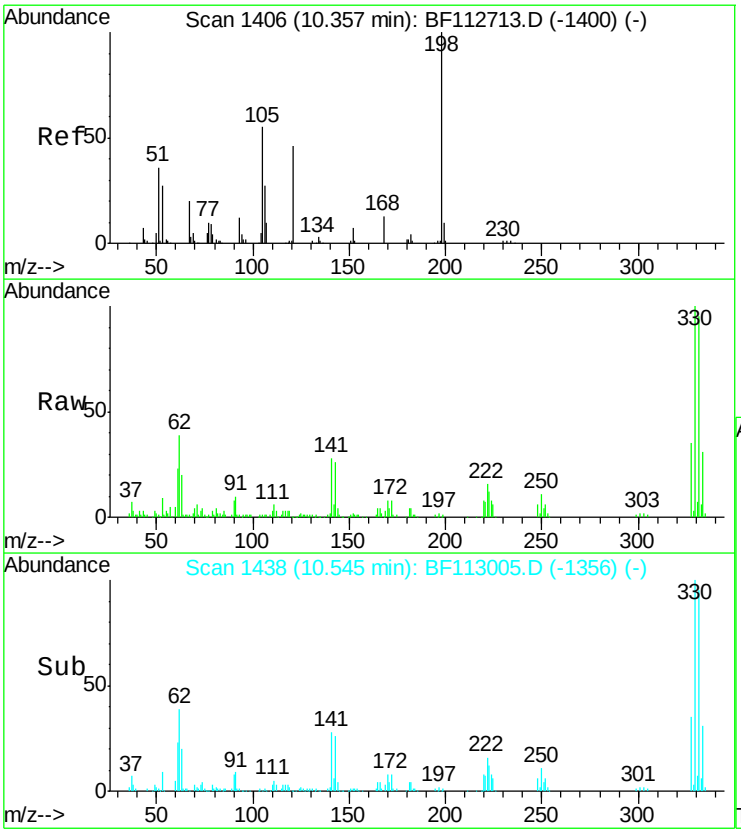
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:188 Resp: 457885

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.6	9.2	13.8

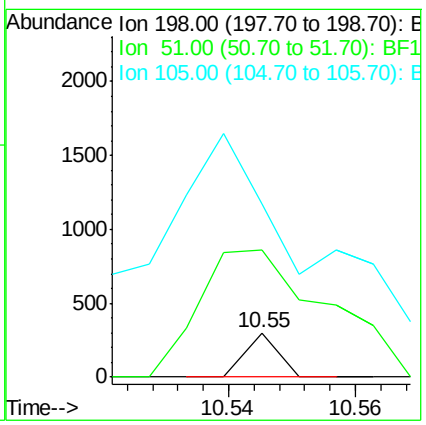


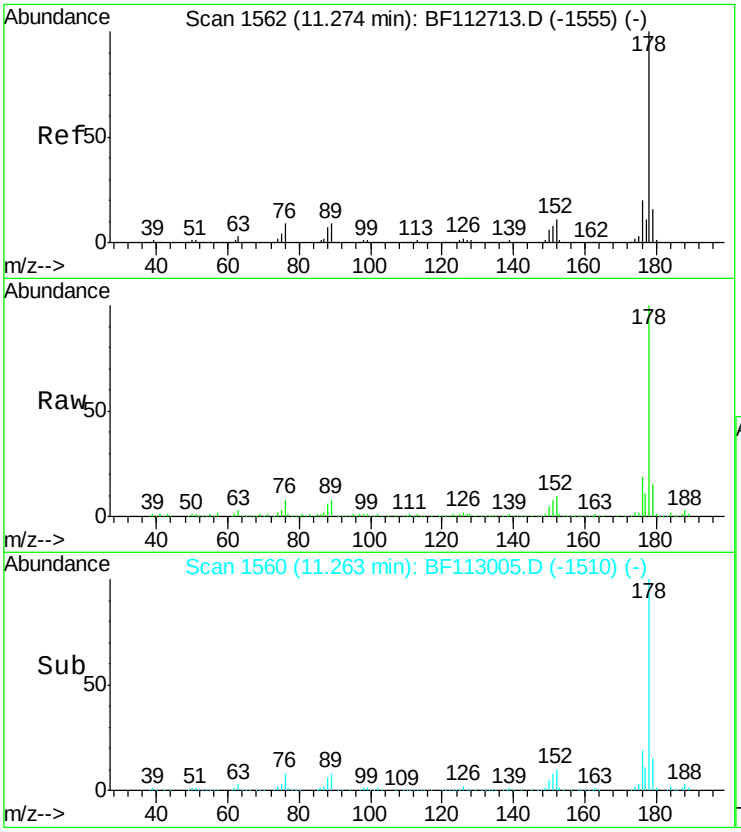


#65
4,6-Dinitro-2-methylphenol
Concen: 4.664 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	284.1	43.8	83.8#
105	388.1	36.5	76.5#



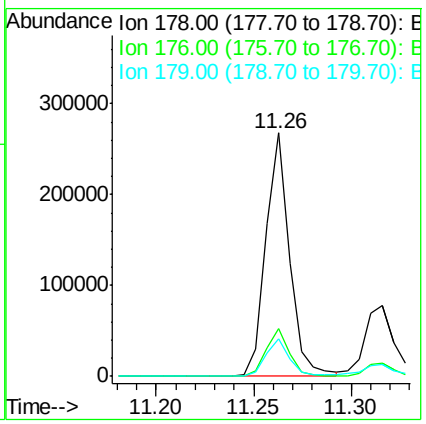


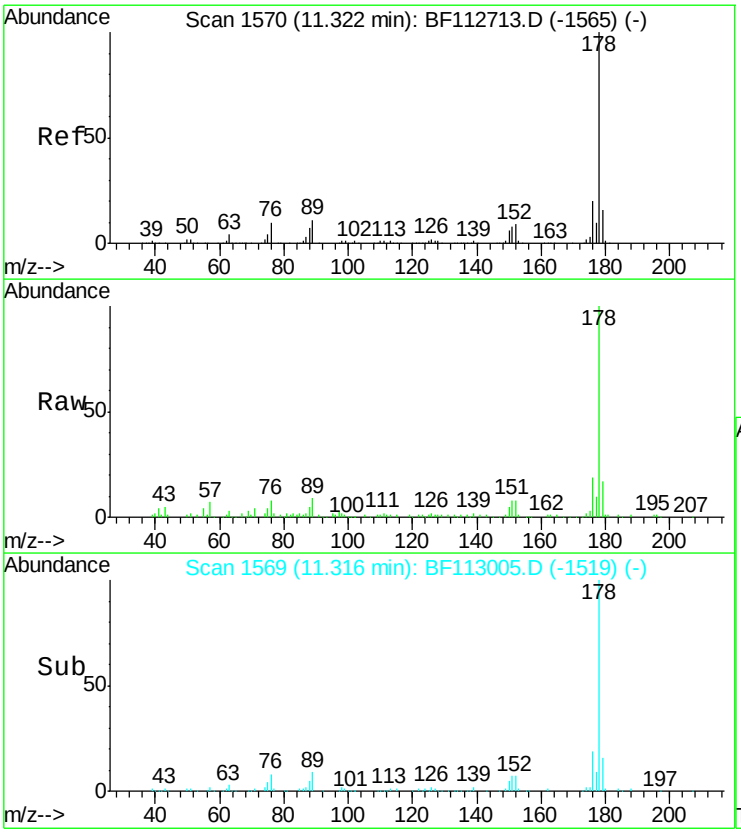
#71
Phenanthrene
Concen: 9.936 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:178 Resp: 226368

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.3	12.7	19.1

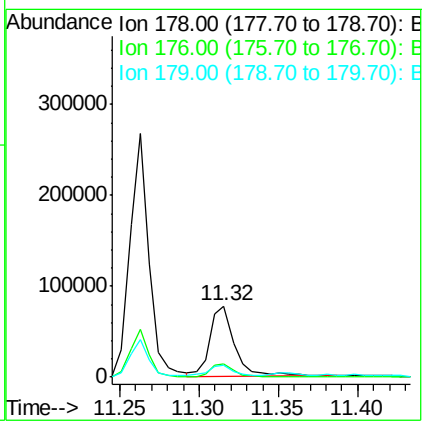


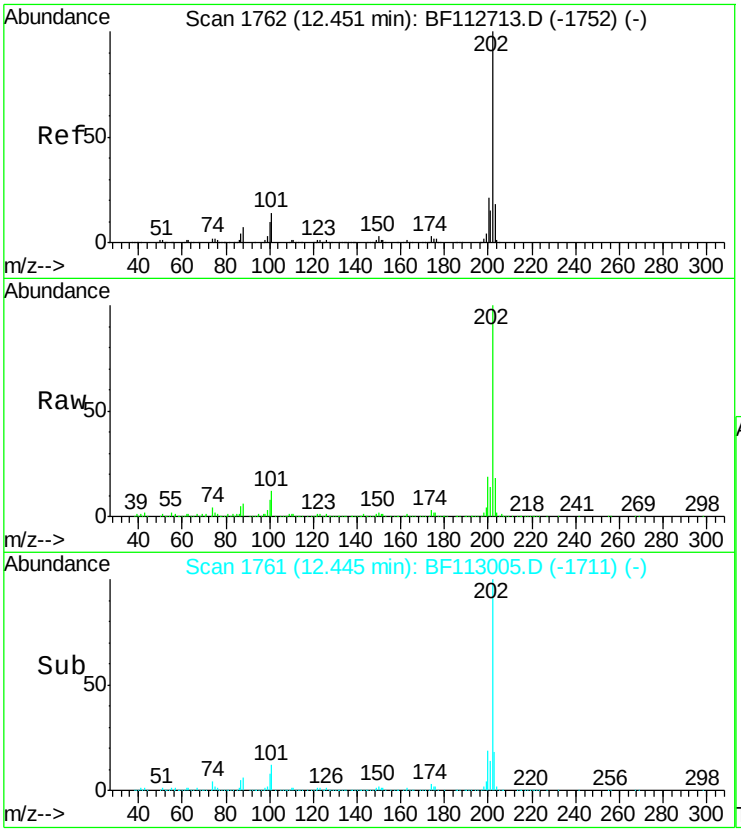


#72
Anthracene
Concen: 3.527 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:178 Resp: 84119

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.8	13.0	19.6



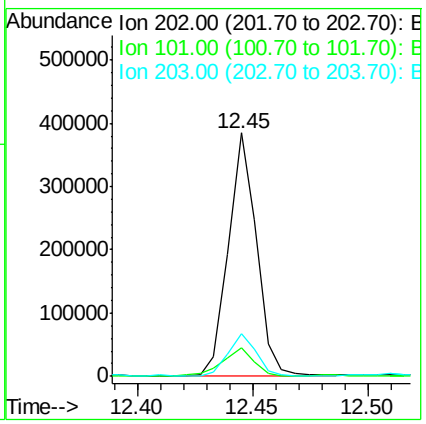


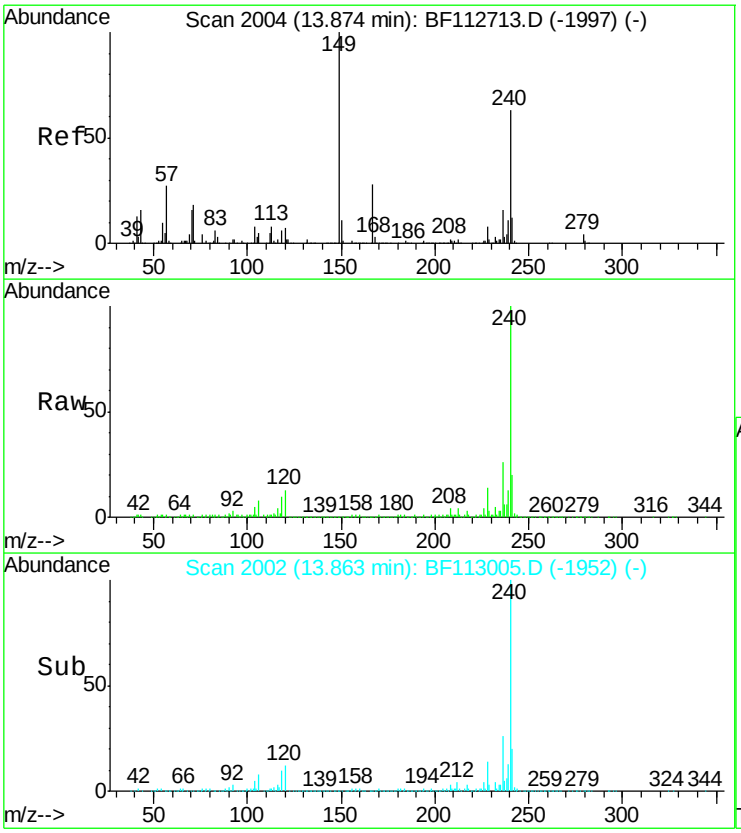
#75
Fluoranthene
Concen: 13.429 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:202 Resp: 327783

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.8
203	17.7	0.0	38.4

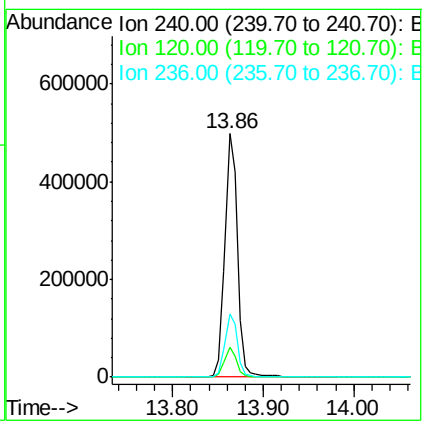


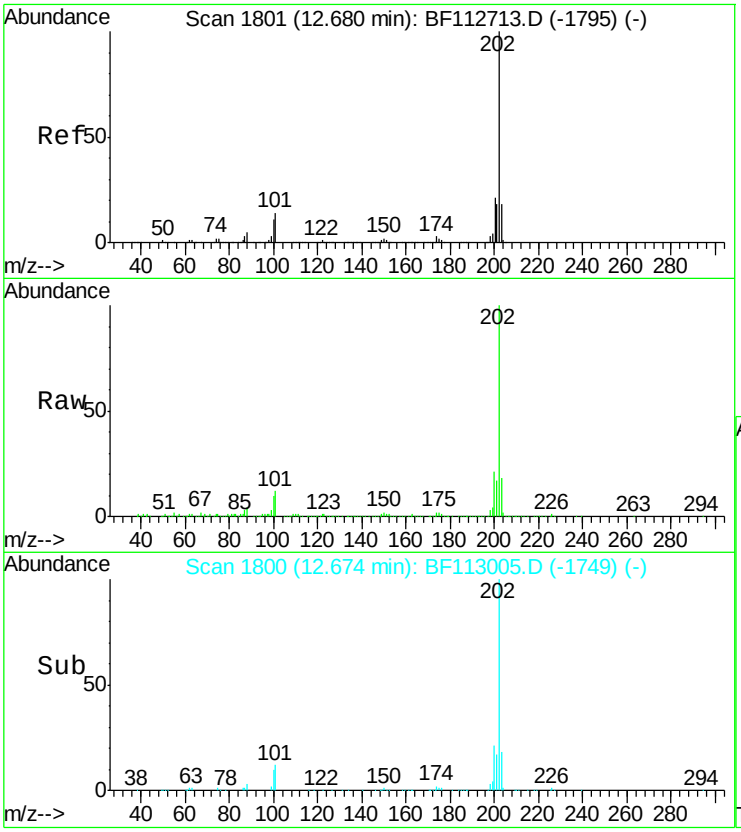


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:240 Resp: 474778

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	26.2	20.7	31.1



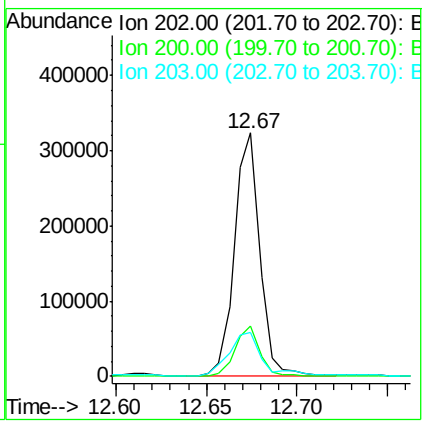


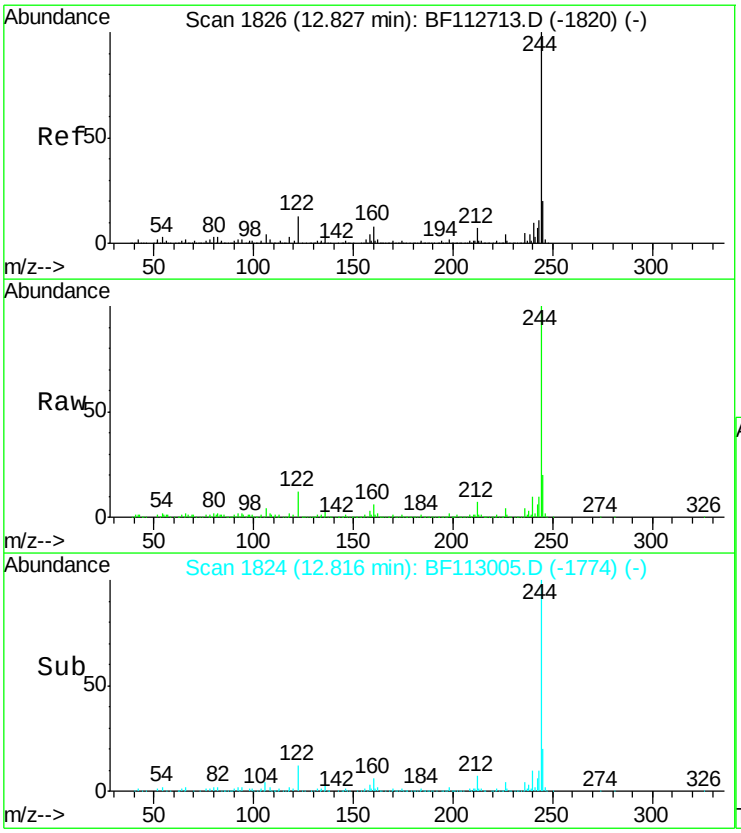
#78
Pyrene
Concen: 7.833 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:202 Resp: 313532

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.1	14.4	21.6

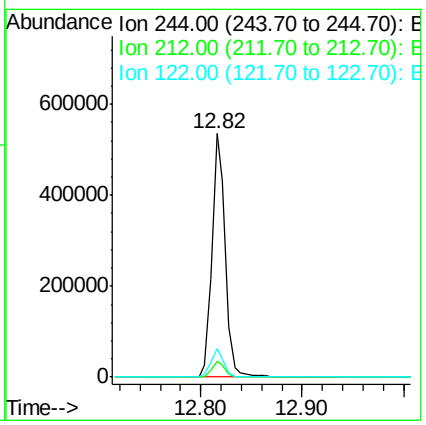


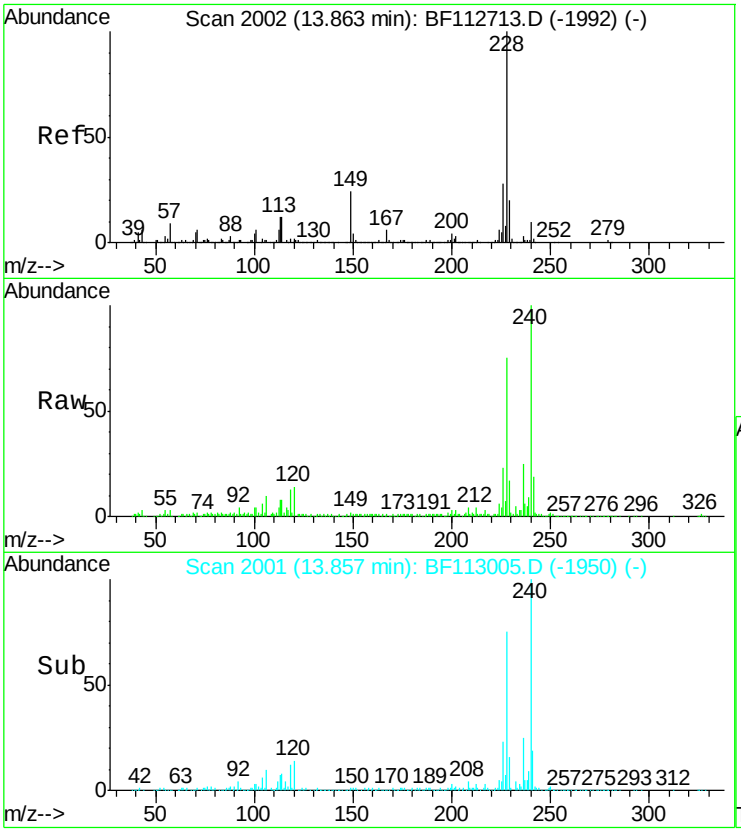


#79
Terphenyl-d14
Concen: 19.849 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:244 Resp: 486134

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.8	10.5	15.7



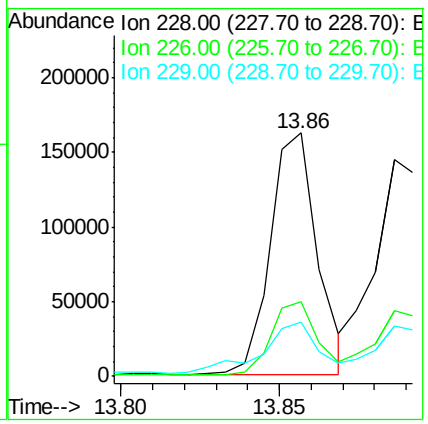


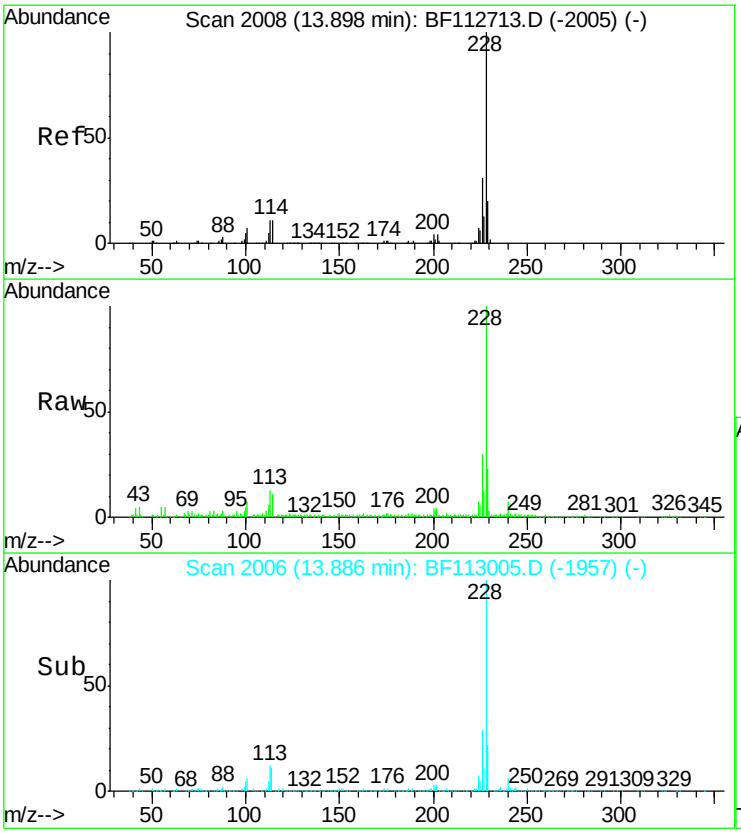
#81
Benzo(a)anthracene
Concen: 5.074 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:228 Resp: 166958

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.2	33.4
229	22.2	16.0	24.0

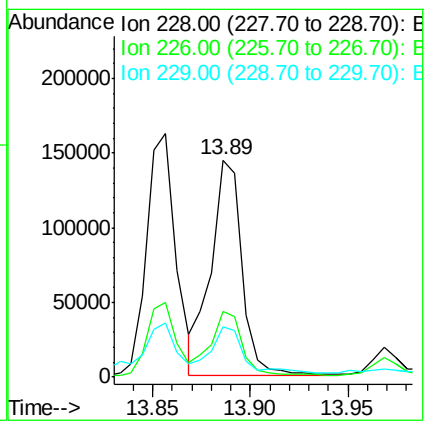


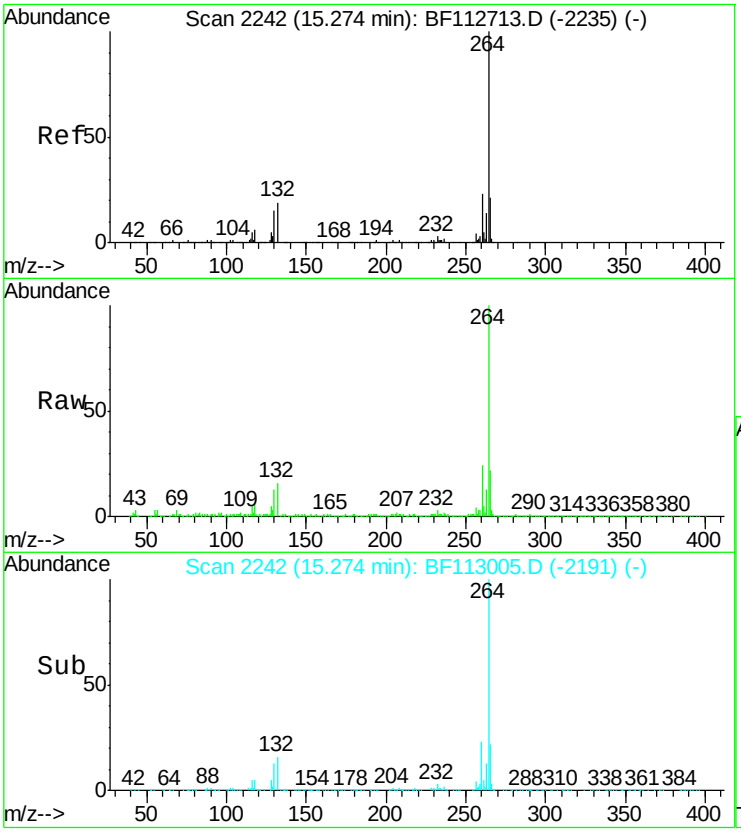


#83
Chrysene
Concen: 4.976 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:228 Resp: 160392

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	23.4	16.3	24.5



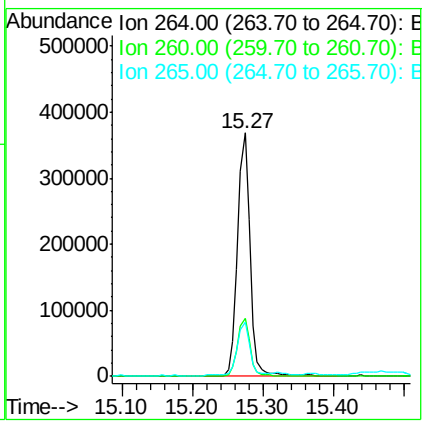


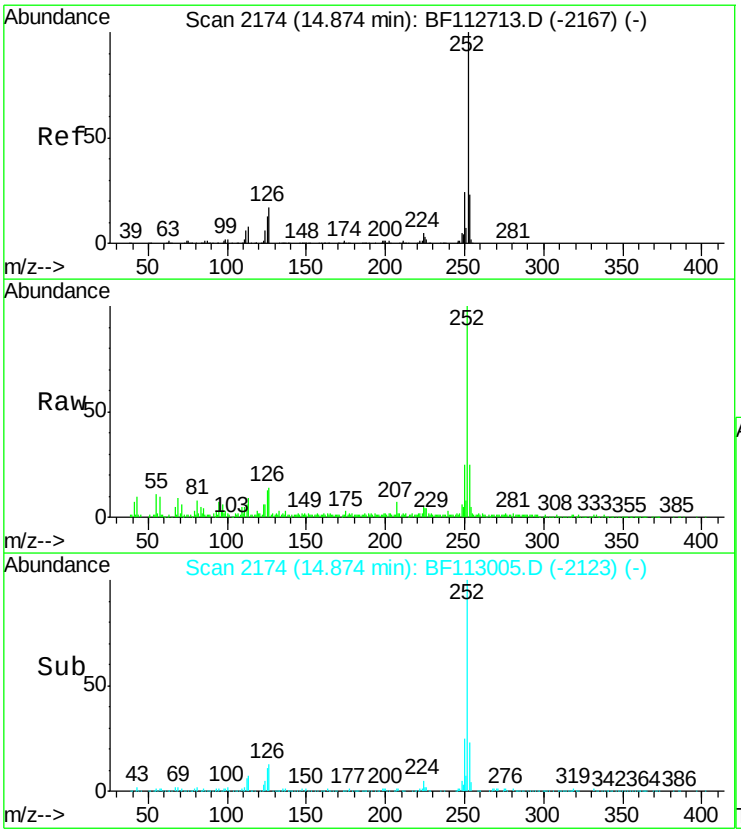
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:264 Resp: 452245

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.5	17.2	25.8

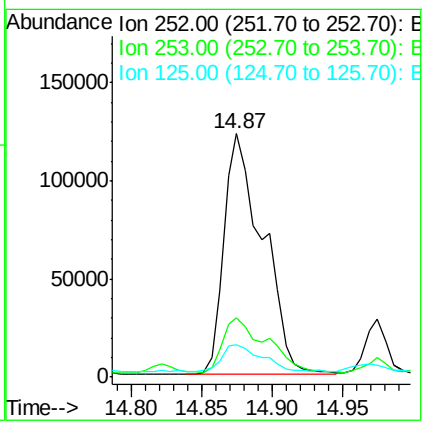


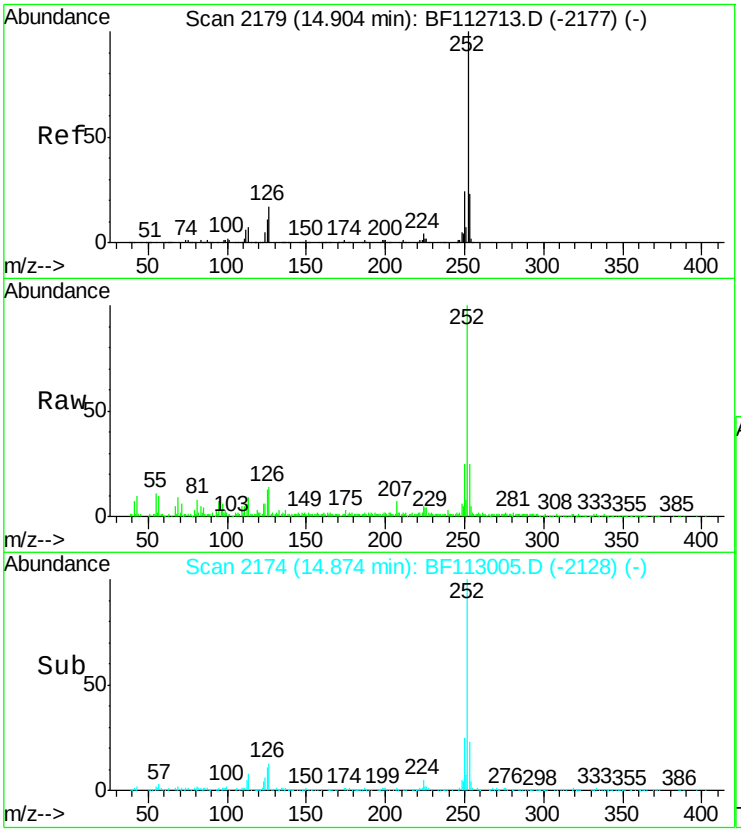


#88
Benzo(b)fluoranthene
Concen: 8.049 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:252 Resp: 235468

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	13.1	10.2	15.2



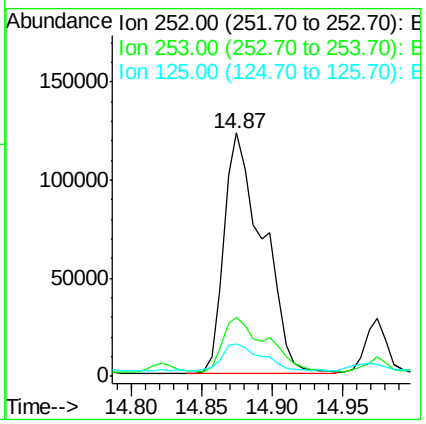


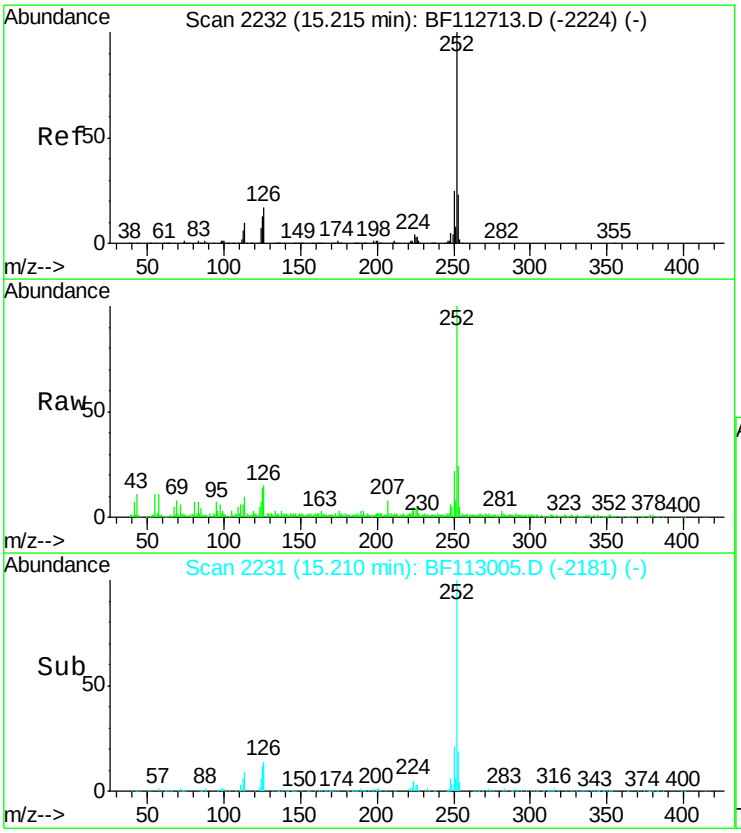
#89
Benzo(k)fluoranthene
Concen: 8.887 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:252 Resp: 235468

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	13.1	9.8	14.6

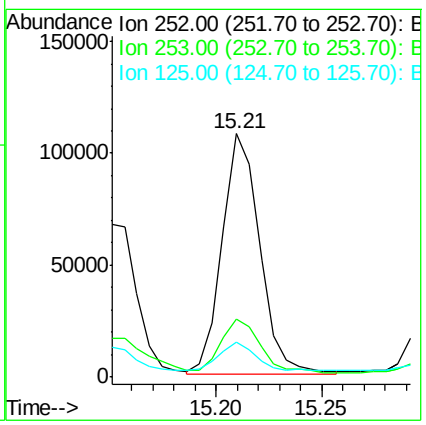


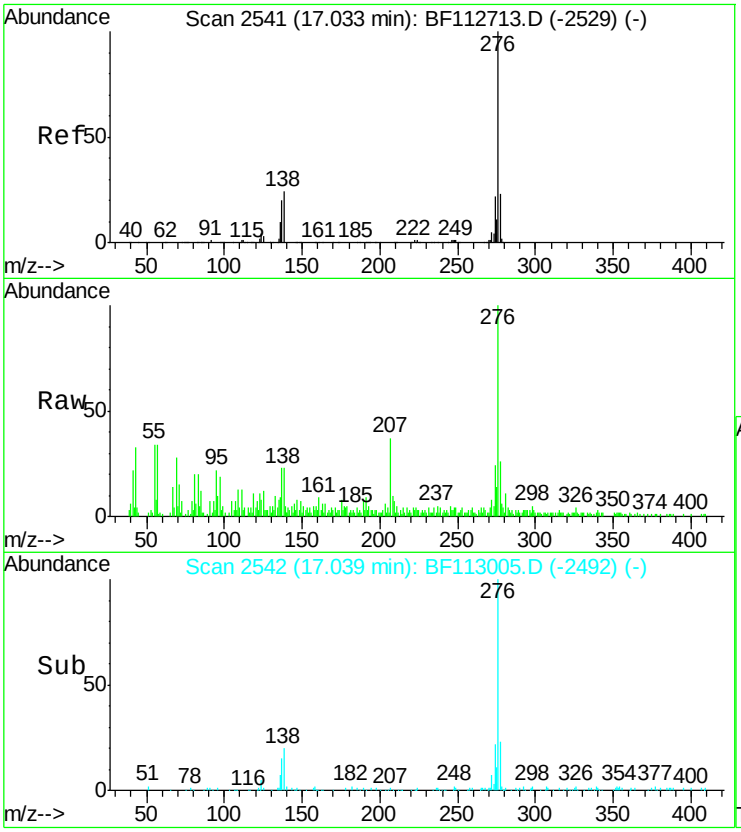


#90
Benzo(a)pyrene
Concen: 5.129 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Tgt Ion:252 Resp: 132713

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.3	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.365 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113005.D
Acq: 12 Mar 2019 16:18

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-B

Tgt Ion:276 Resp: 52439

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	27.8
138	23.1	19.4	29.0