Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112437.D
Acq On : 7 Feb 2019 14:50
Operator : JU/SJ
Sample : K1389-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-6

Quant Time: Feb 09 03:12:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142233	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	539919	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	250423	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	426143	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	308978	20.00	ng		0.00
87) Perylene-d12	15.47	264	301951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	827900	123.64	ng		-0.01
7) Phenol-d6	6.48	99	1045653	112.38	ng		-0.01
23) Nitrobenzene-d5	7.39	82	641637	68.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	284832	97.72	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1225394	69.21	ng		-0.02
79) Terphenyl-d14	12.94	244	971460	59.22	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	88099	13.731	ng	#	78
25) Isophorone	7.39	82	641433	43.635	ng	#	64
50) Dimethylphthalate	9.58	163	91625	4.709	ng		98
57) 2,4-Dinitrotoluene	9.87	165	32875	5.926	ng	#	31
67) 4-Bromophenyl-phenylether	10.66	248	16784	3.349	ng	#	1
71) Phenanthrene	11.38	178	54860	2.476	ng		97
75) Fluoranthene	12.57	202	257320	10.829	ng		99
78) Pyrene	12.80	202	242882	11.354	ng		99
81) Benzo(a)anthracene	13.99	228	119073	6.556	ng		99
83) Chrysene	14.03	228	105337	6.076	ng		97
86) Indeno(1,2,3-cd)pyrene	16.96	276	72971	5.312	ng	#	92
88) Benzo(b)fluoranthene	15.04	252	216610	11.995	ng		94
89) Benzo(k)fluoranthene	15.04	252	216610	12.523	ng		95
90) Benzo(a)pyrene	15.41	252	117229	7.215	ng	#	94
92) Benzo(g,h,i)perylene	17.41	276	67962	5.501	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
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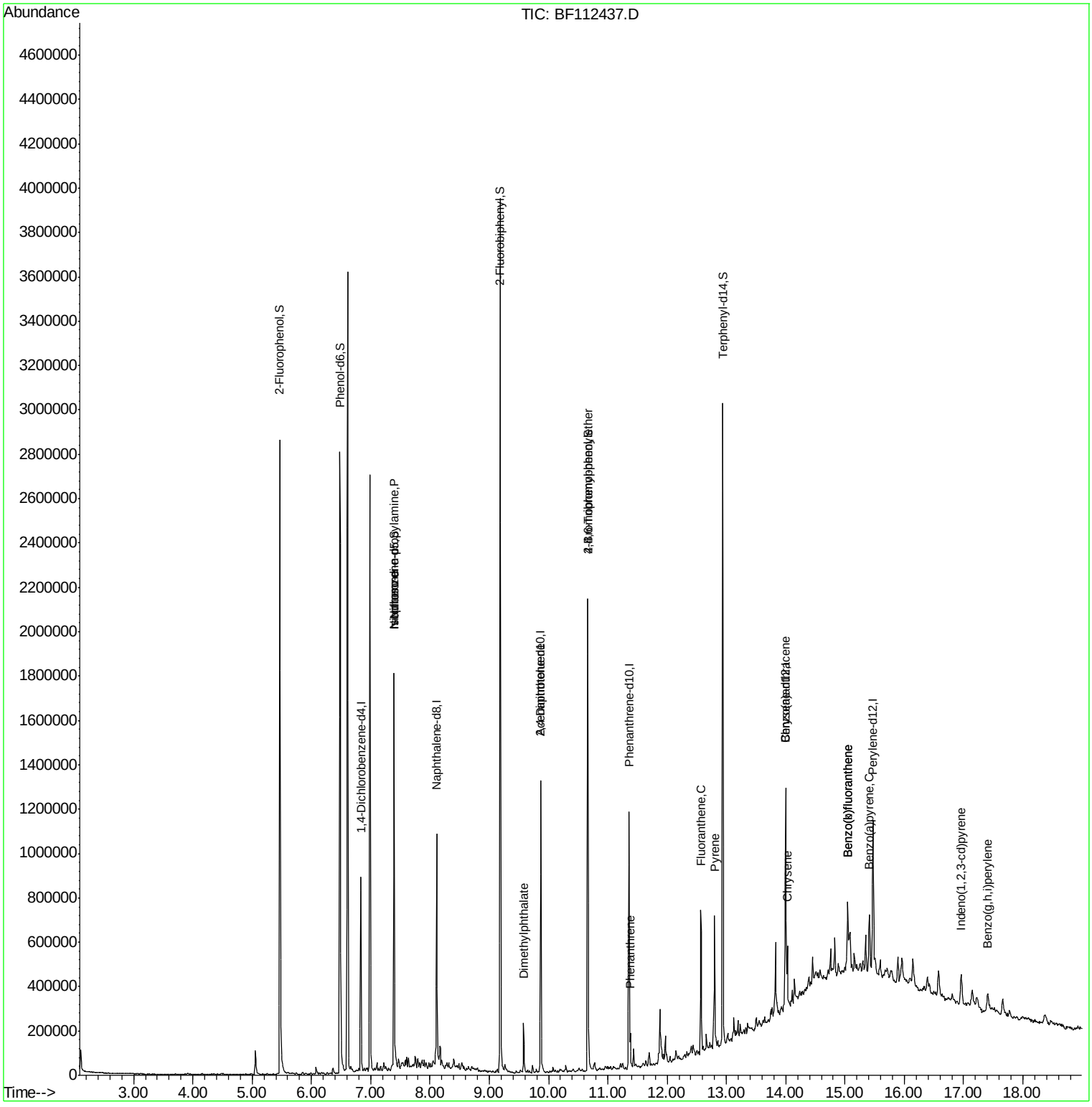
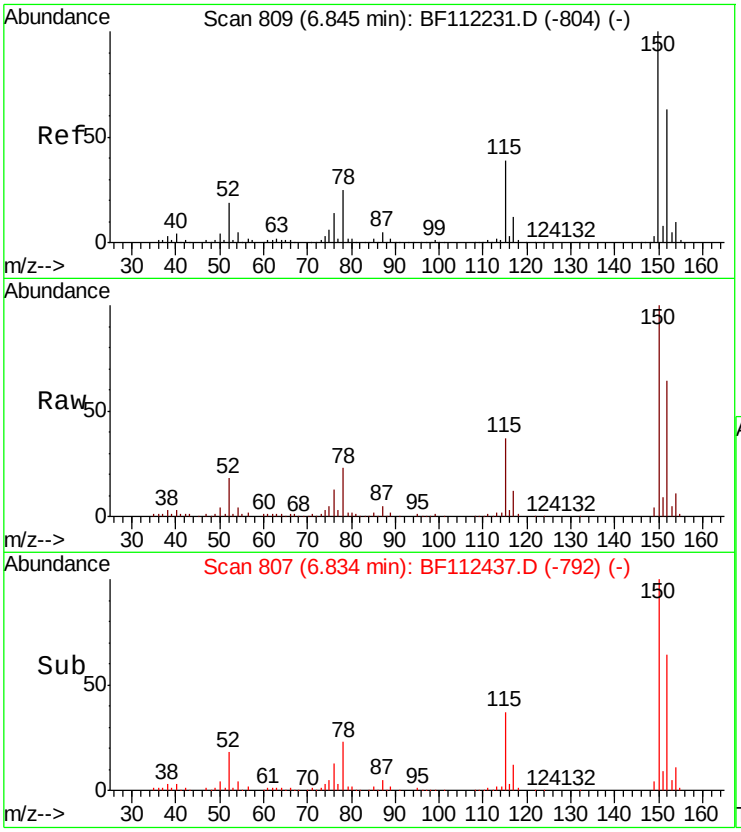


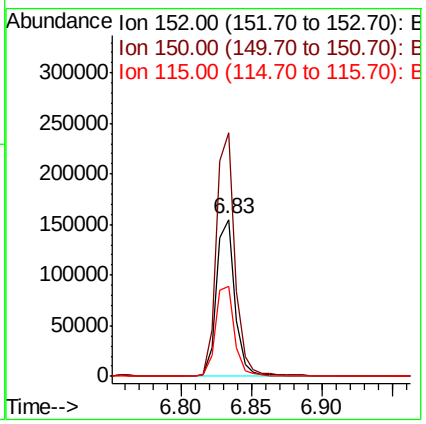


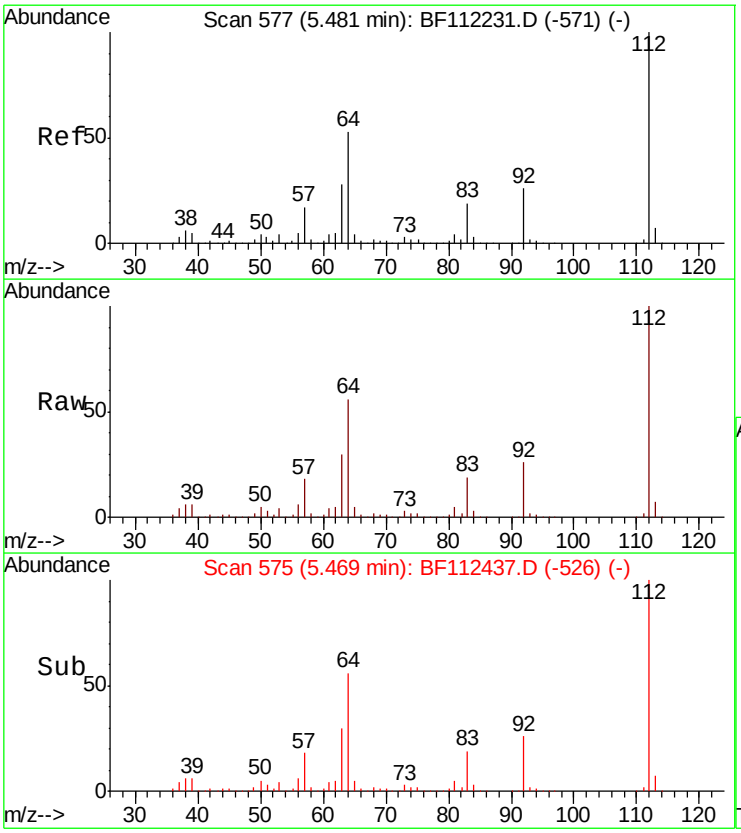
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:152 Resp: 142233

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	57.7	45.5	68.3

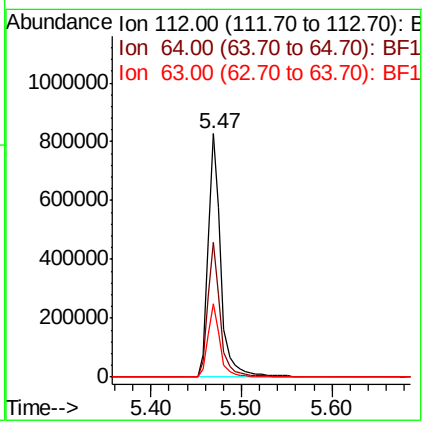


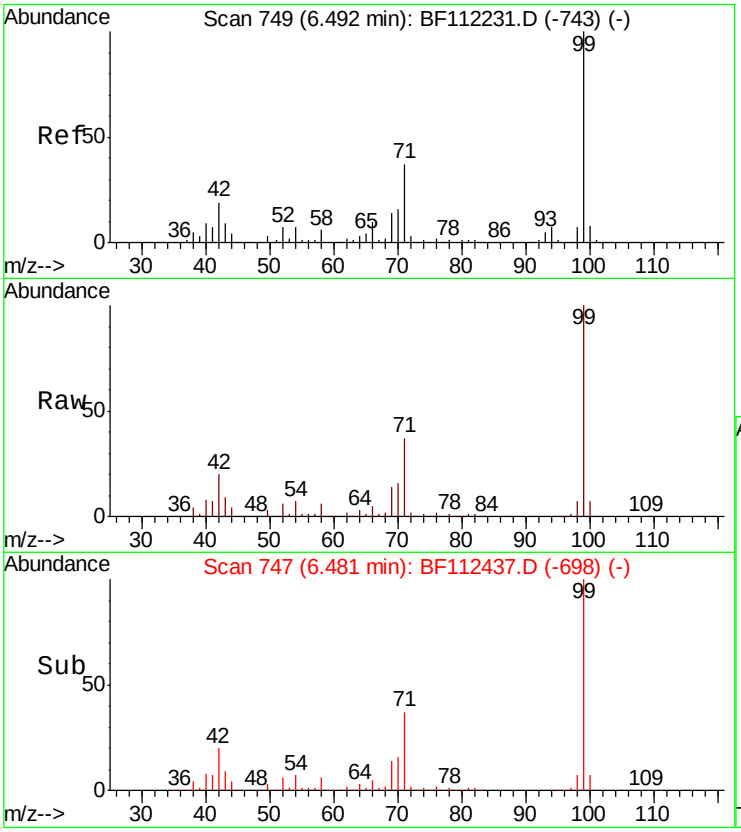


#5
2-Fluorophenol
Concen: 123.636 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:112 Resp: 827900

Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.7	68.5
63	30.4	23.6	35.4



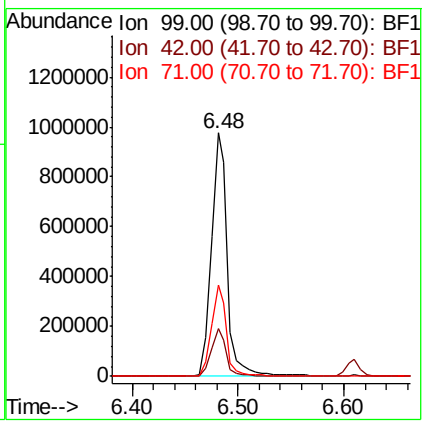


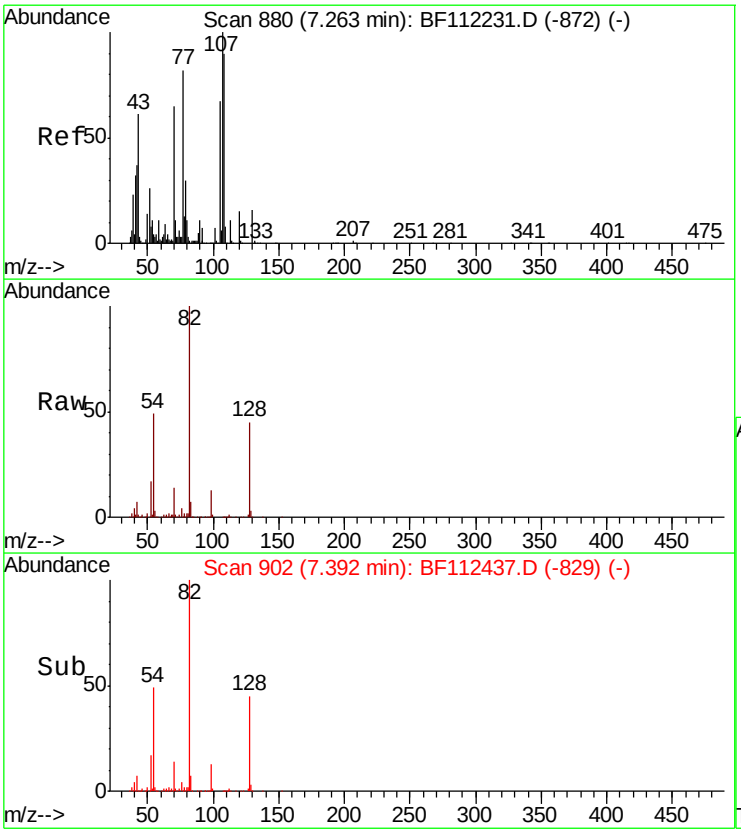
#7
Phenol-d6
Concen: 112.378 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion: 99 Resp: 1045653

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.1	22.7
71	37.3	26.9	40.3

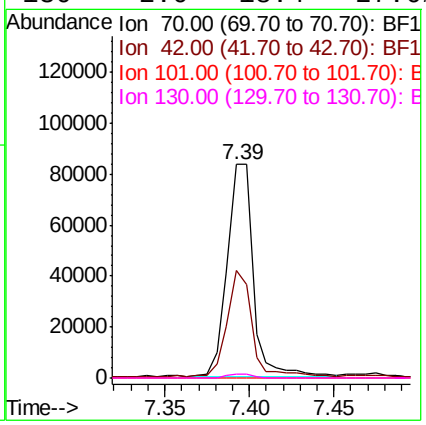


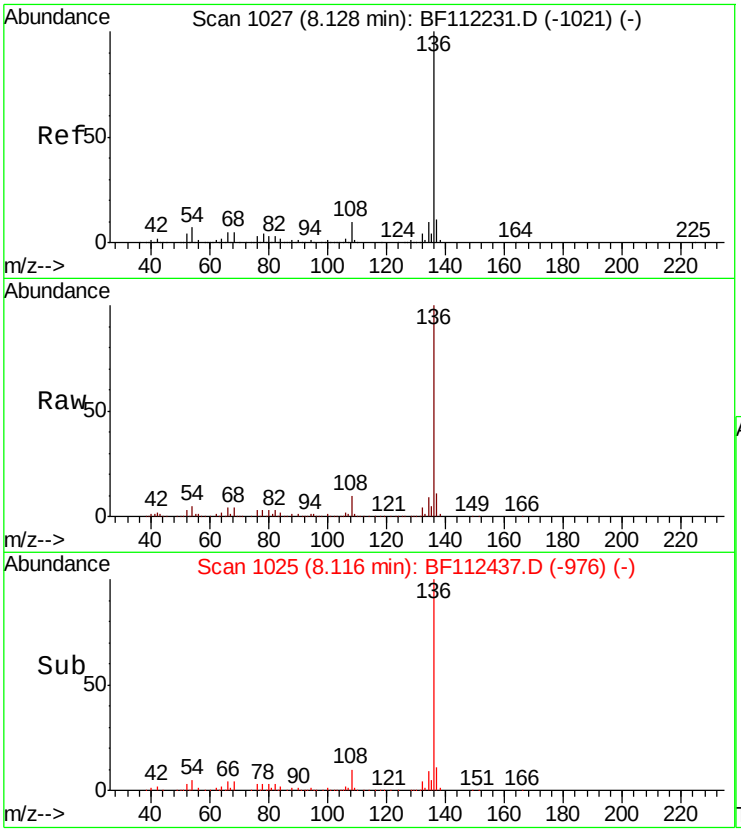


#19
n-Nitroso-di-n-propylamine
Concen: 13.731 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion: 70 Resp: 88099

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.6	71.4
101	0.0	7.9	11.9#
130	2.0	18.4	27.6#



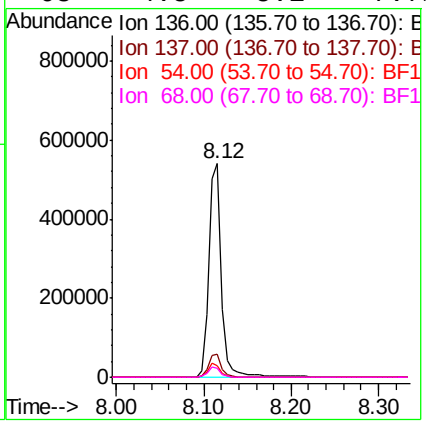


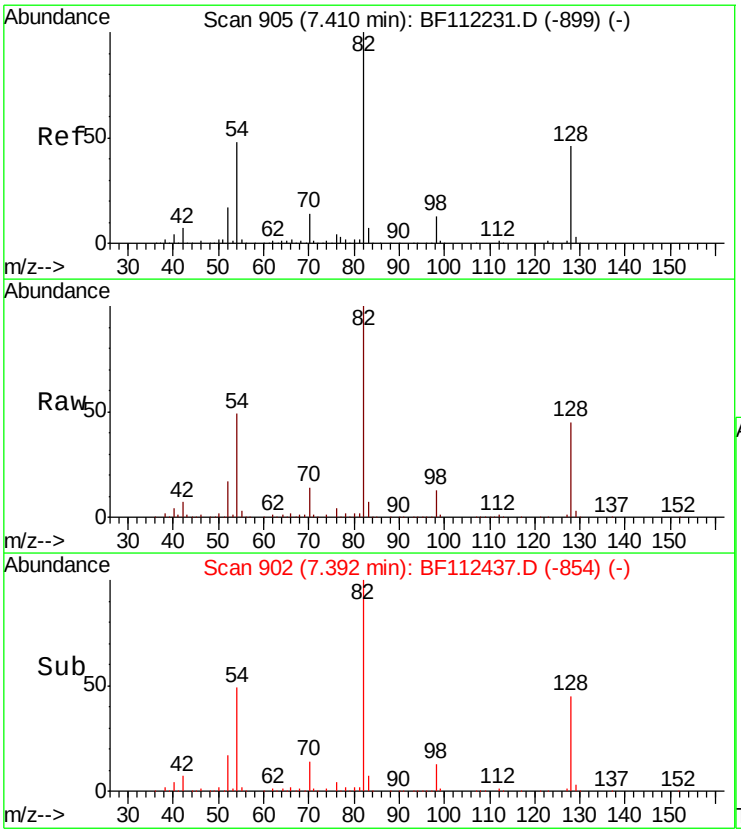
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:136 Resp: 539919

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.4	5.9	8.9#
68	4.5	5.1	7.7#

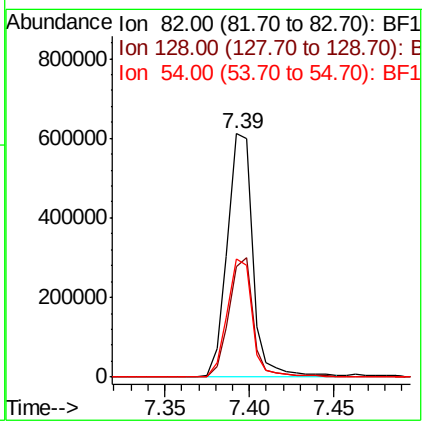


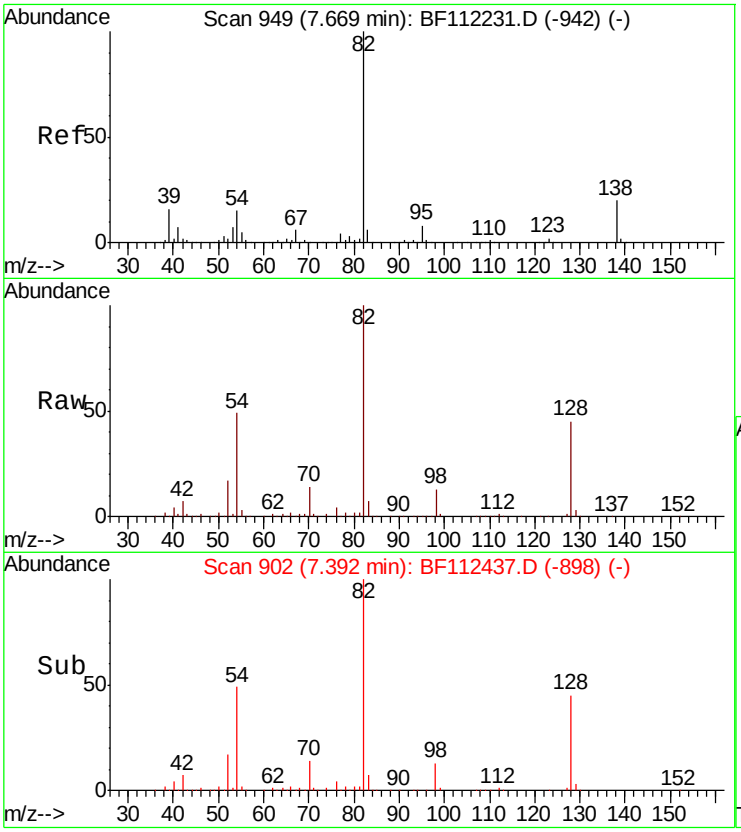


#23
Nitrobenzene-d5
Concen: 68.475 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion: 82 Resp: 641637

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.8	56.8
54	48.6	39.7	59.5



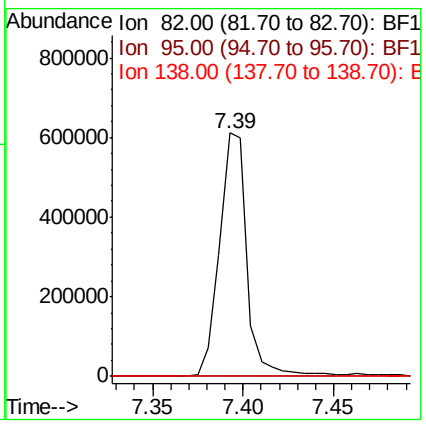


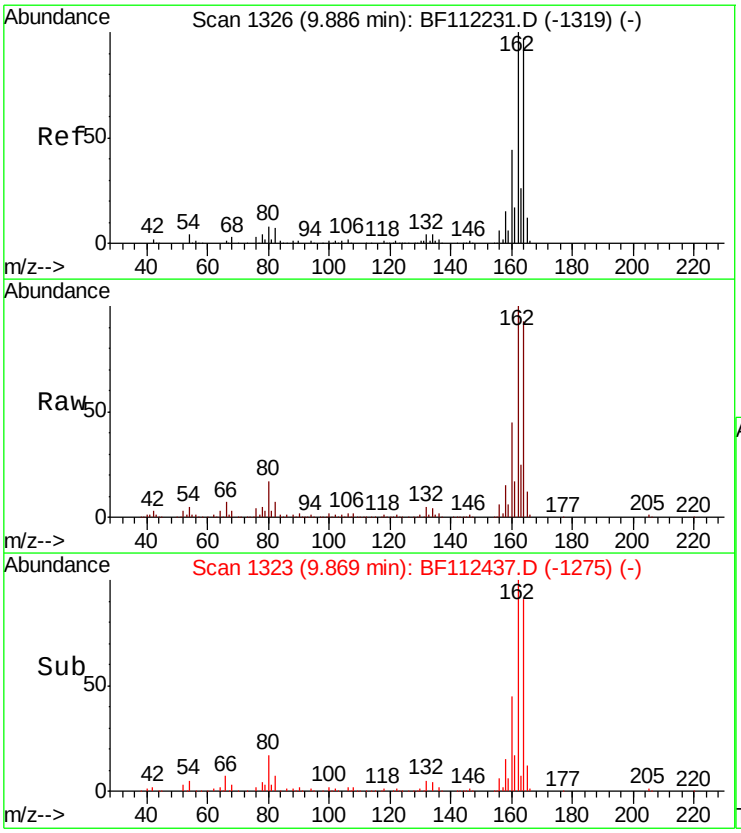
#25
Isophorone
Concen: 43.635 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion: 82 Resp: 641433

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.7	8.5#
138	0.0	15.4	23.0#

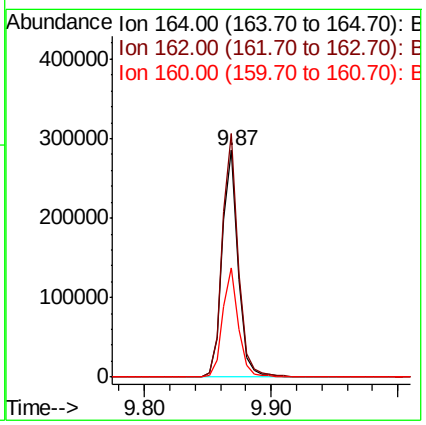


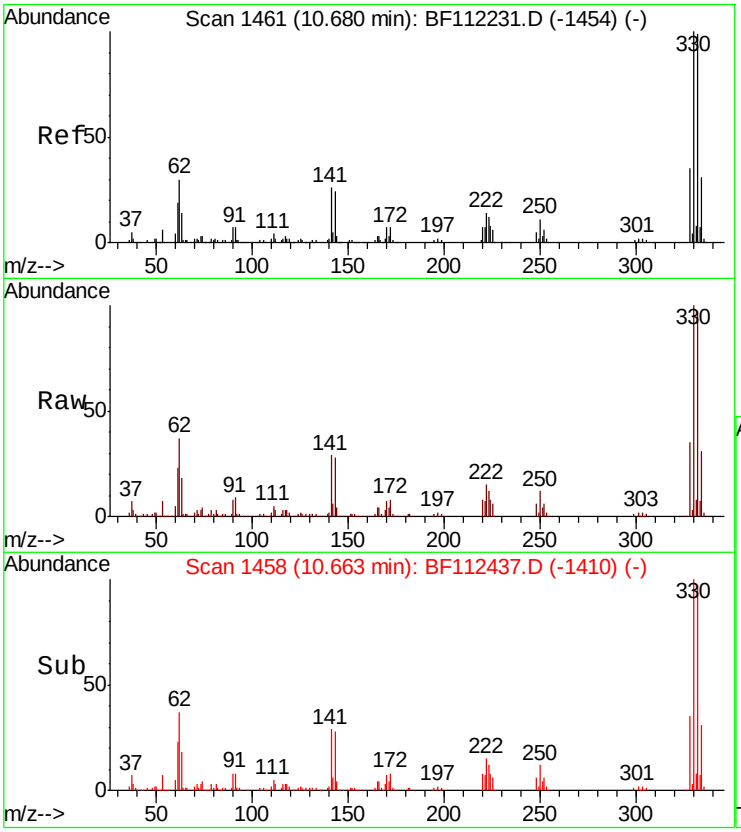


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:164 Resp: 250423

Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.2	123.4
160	48.0	36.2	54.4



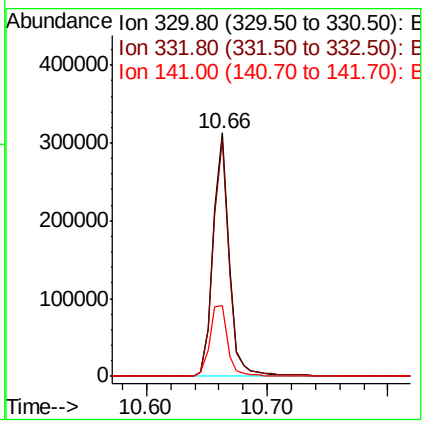


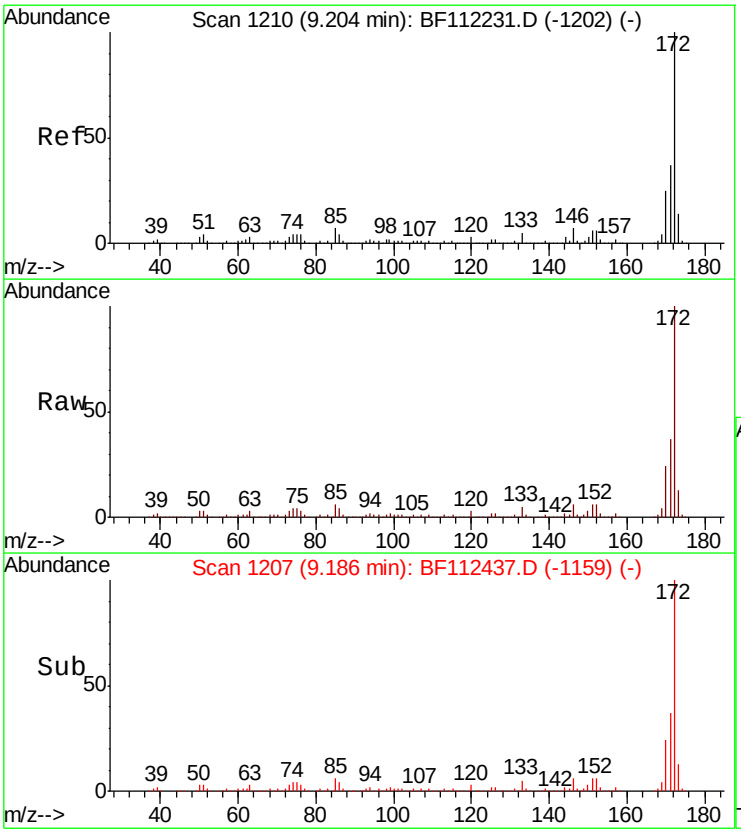
#42
2,4,6-Tribromophenol
Concen: 97.717 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:330 Resp: 284832

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	33.2	24.3	36.5

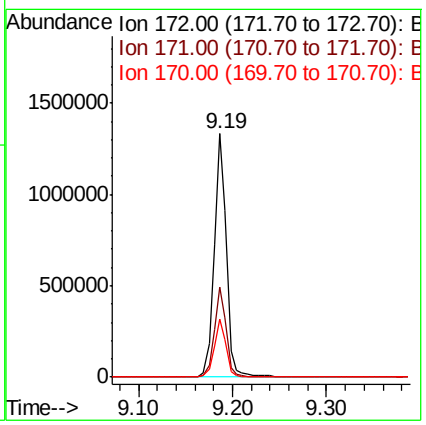


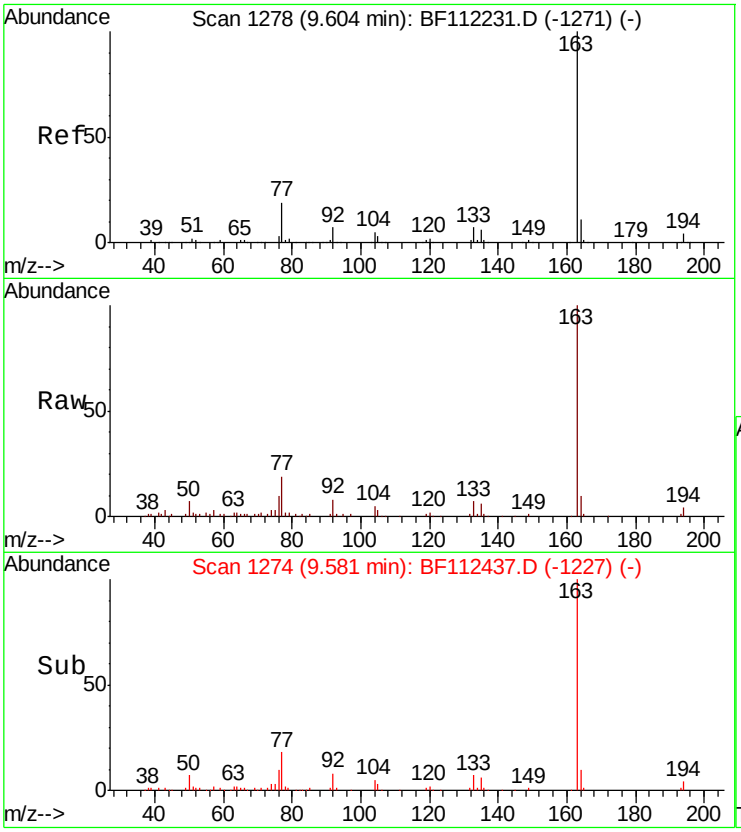


#45
2-Fluorobiphenyl
Concen: 69.208 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:172 Resp: 1225394

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.8	20.2	30.4



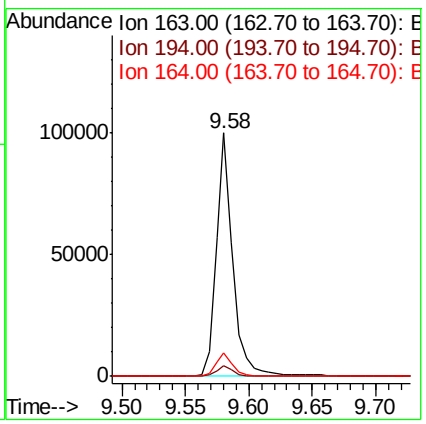


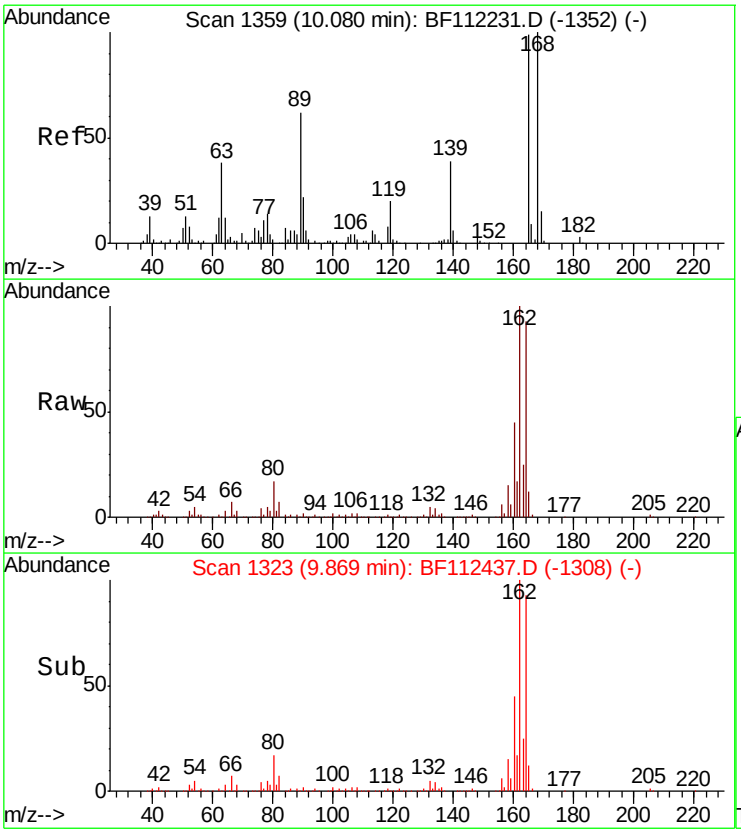
#50
Dimethylphthalate
Concen: 4.709 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:163 Resp: 91625

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.6	8.5	12.7

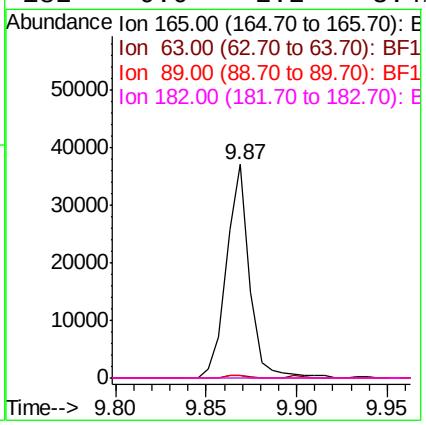


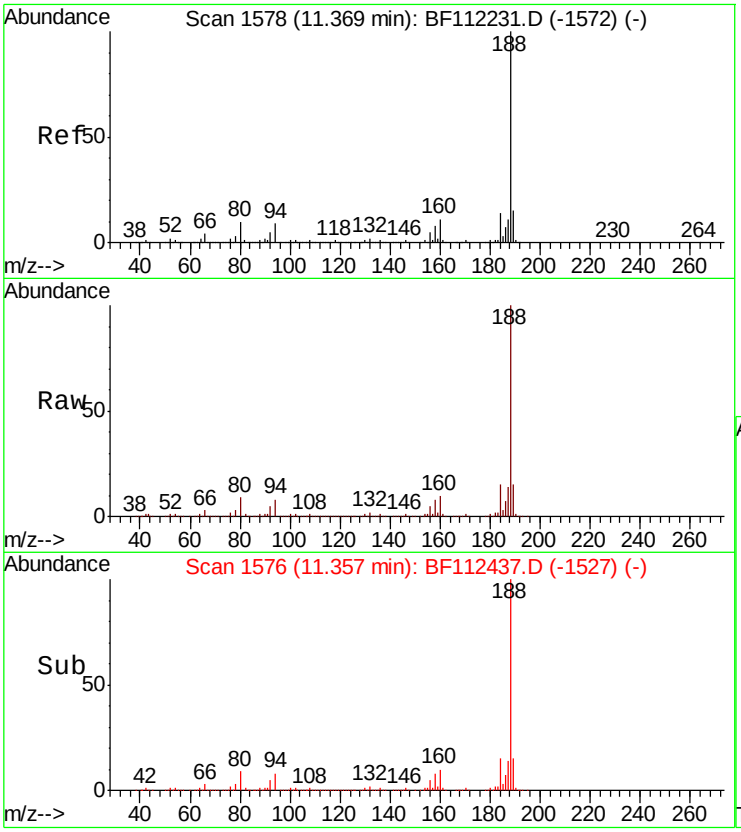


#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:165 Resp: 32875

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.0	47.9	71.9#
182	0.0	2.2	3.4#



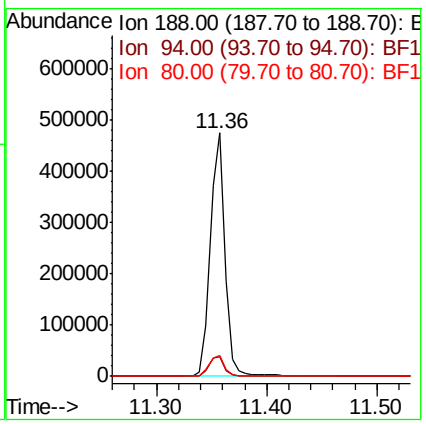


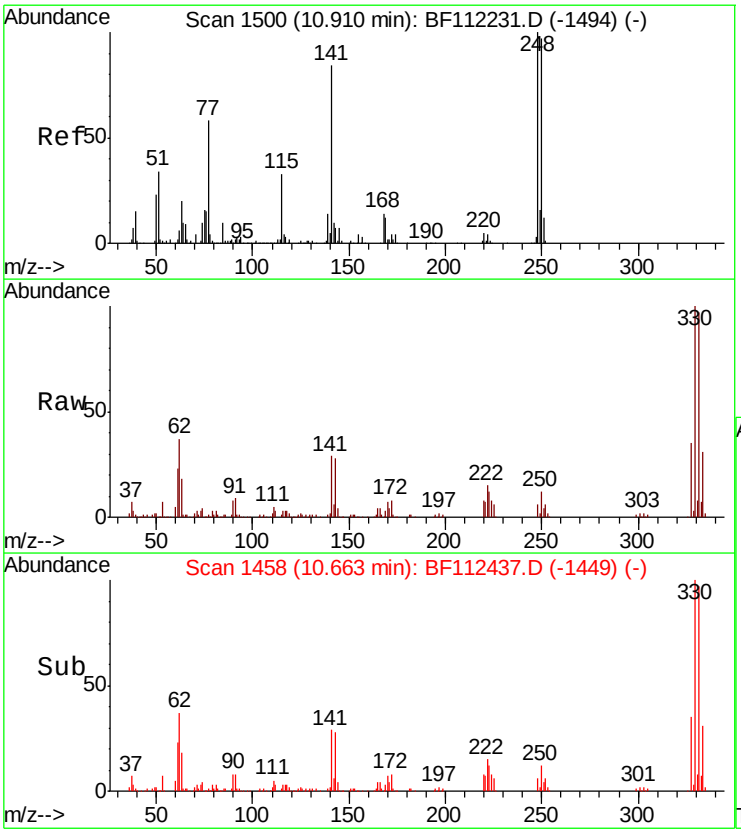
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:188 Resp: 426143

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.5	8.9	13.3#

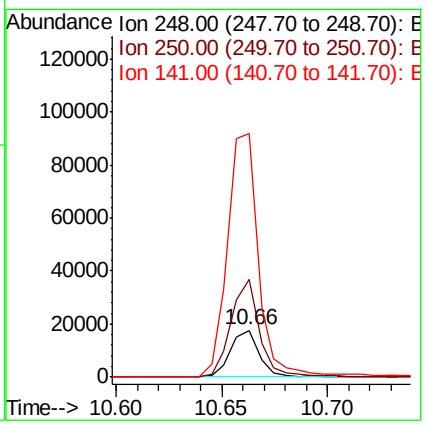


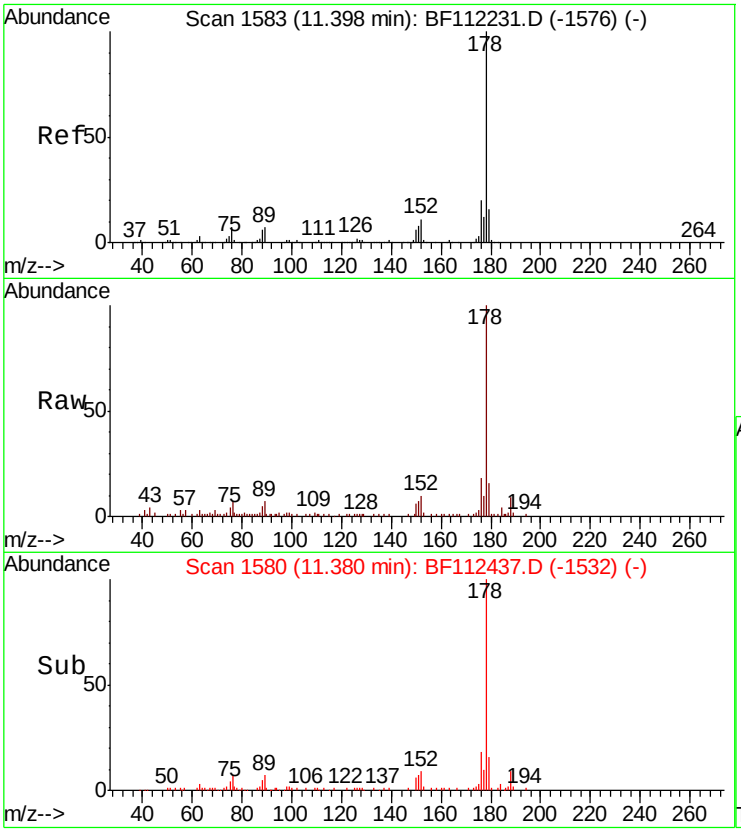


#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:248 Resp: 16784

Ion	Ratio	Lower	Upper
248	100		
250	208.7	79.7	119.5#
141	519.3	60.3	90.5#



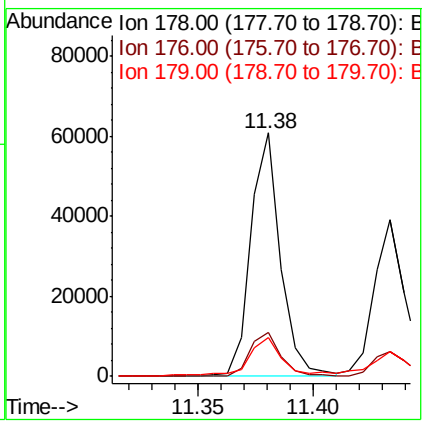


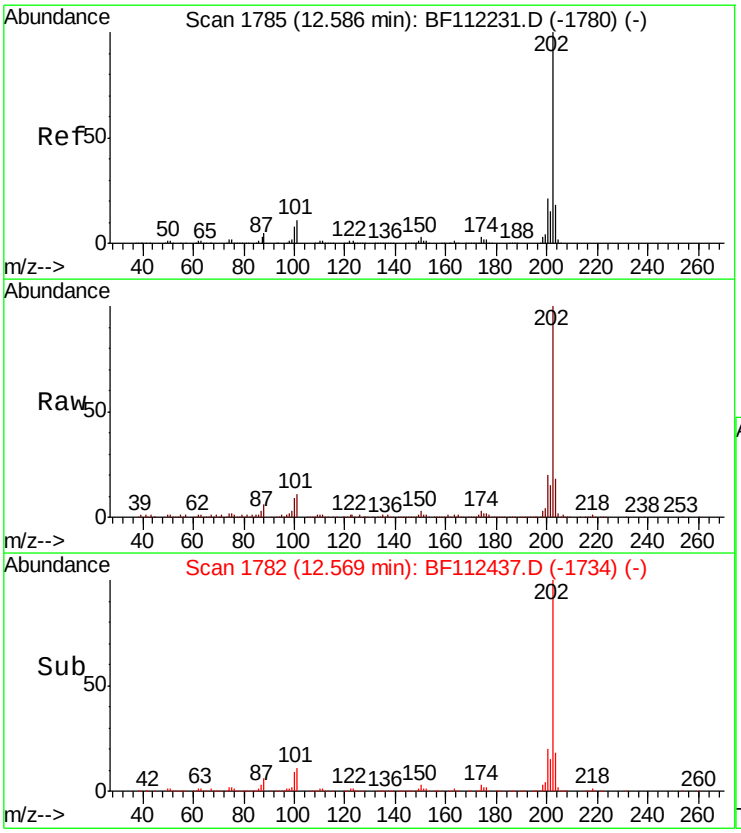
#71
Phenanthrene
Concen: 2.476 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:178 Resp: 54860

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.3	24.5
179	16.1	13.0	19.4

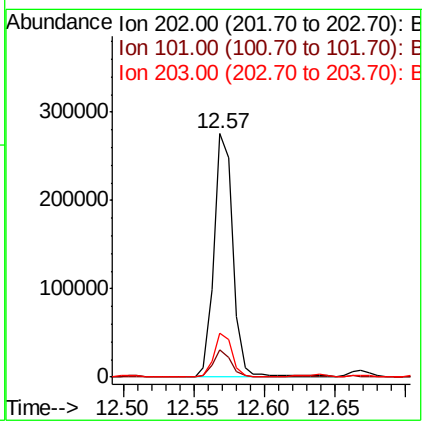


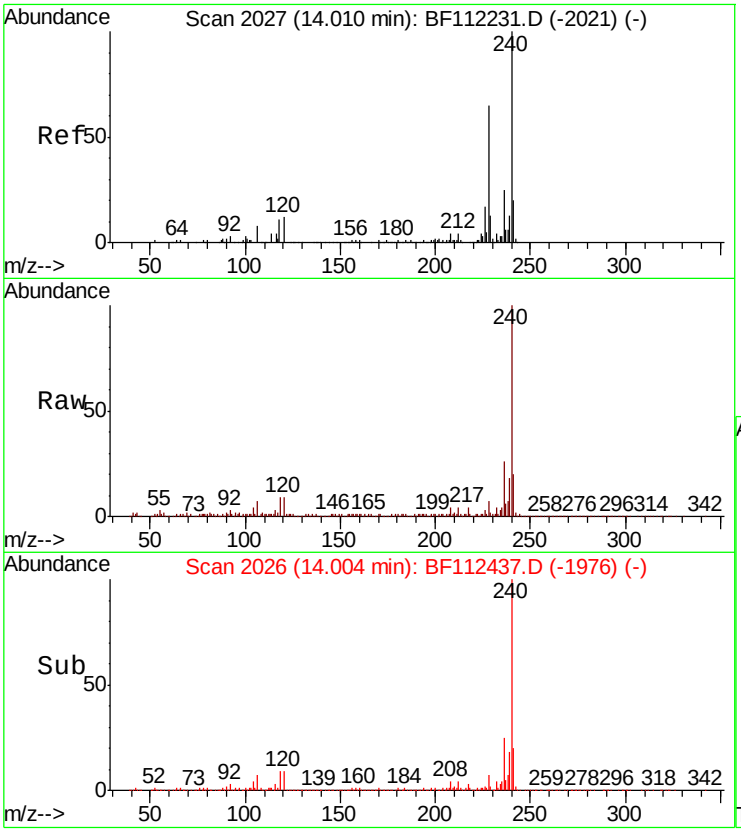


#75
Fluoranthene
Concen: 10.829 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:202 Resp: 257320

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	17.8	0.0	38.4



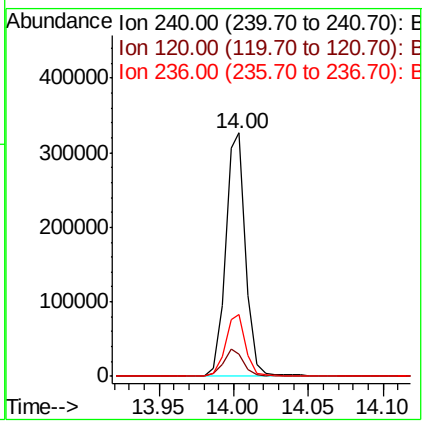


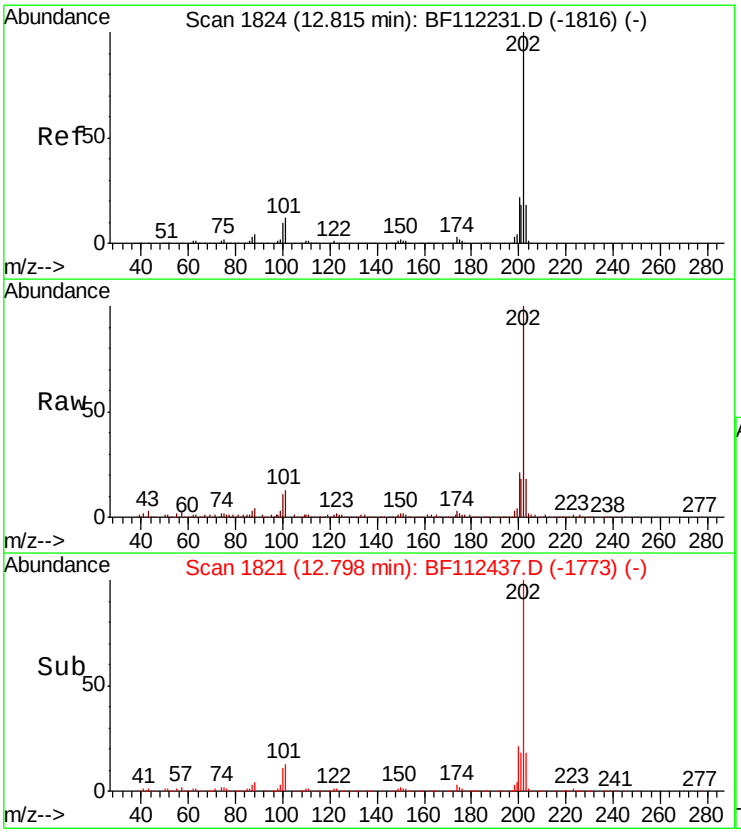
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:240 Resp: 308978

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.6
236	25.7	20.7	31.1

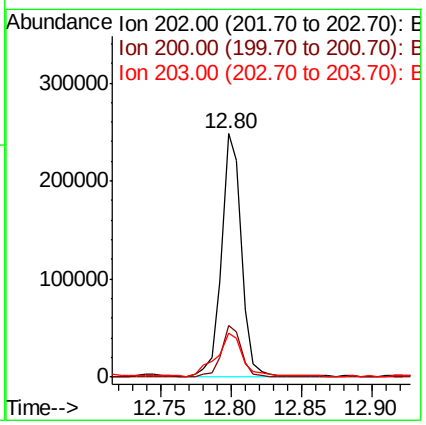


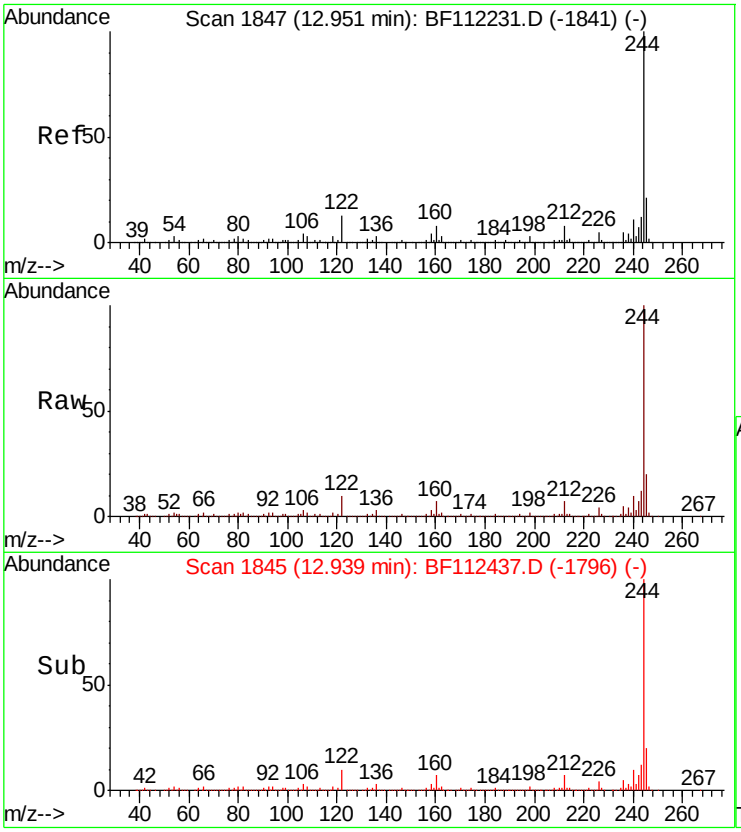


#78
Pyrene
Concen: 11.354 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:202 Resp: 242882

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.3	14.6	22.0



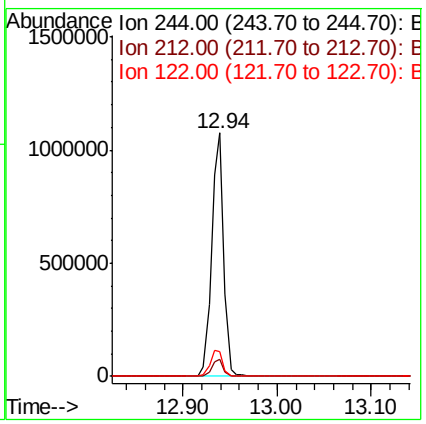


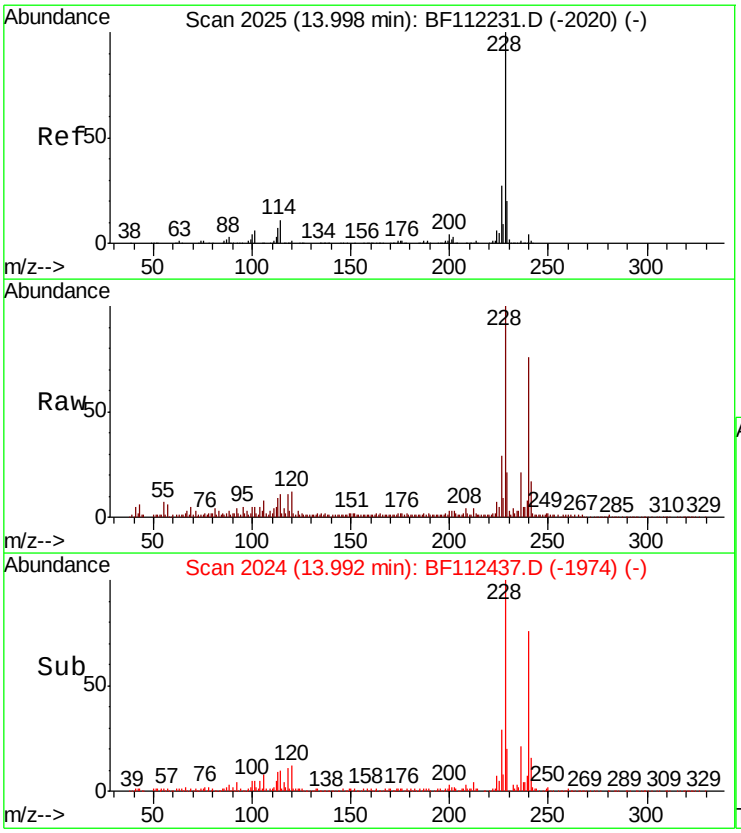
#79
Terphenyl-d14
Concen: 59.218 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:244 Resp: 971460

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.2	9.8	14.6

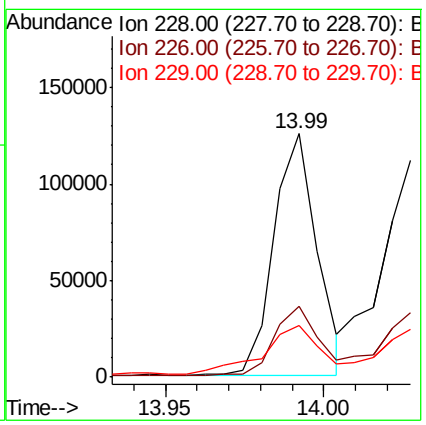


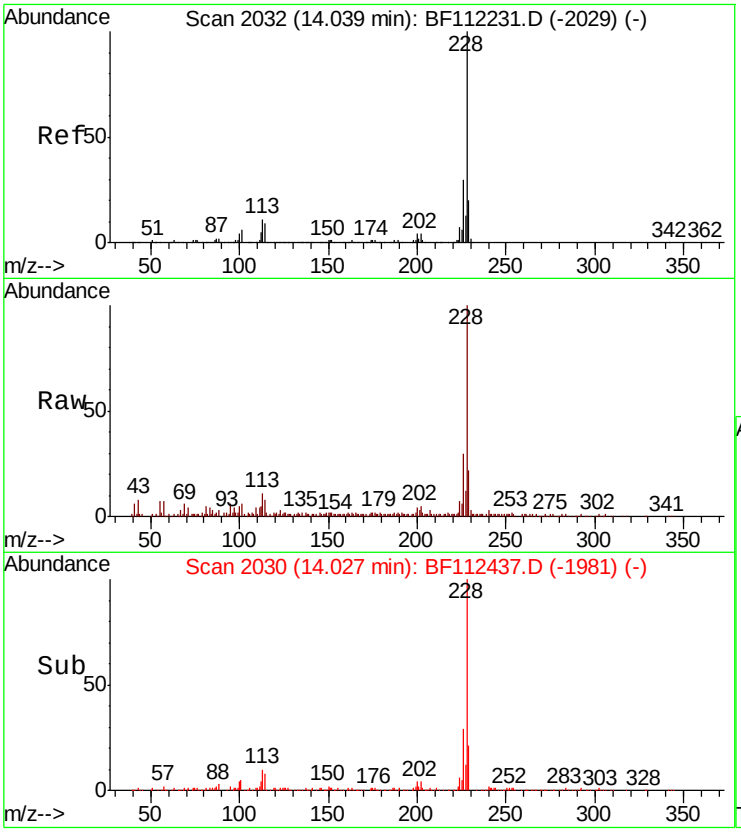


#81
Benzo(a)anthracene
Concen: 6.556 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:228 Resp: 119073

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	21.4	16.5	24.7



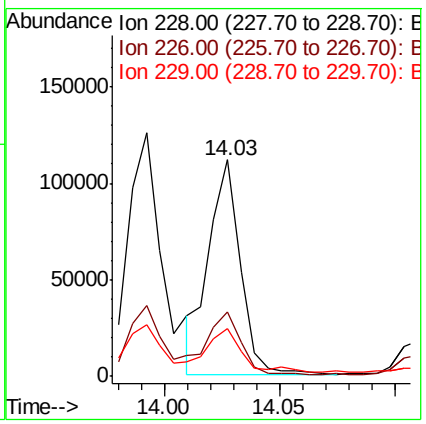


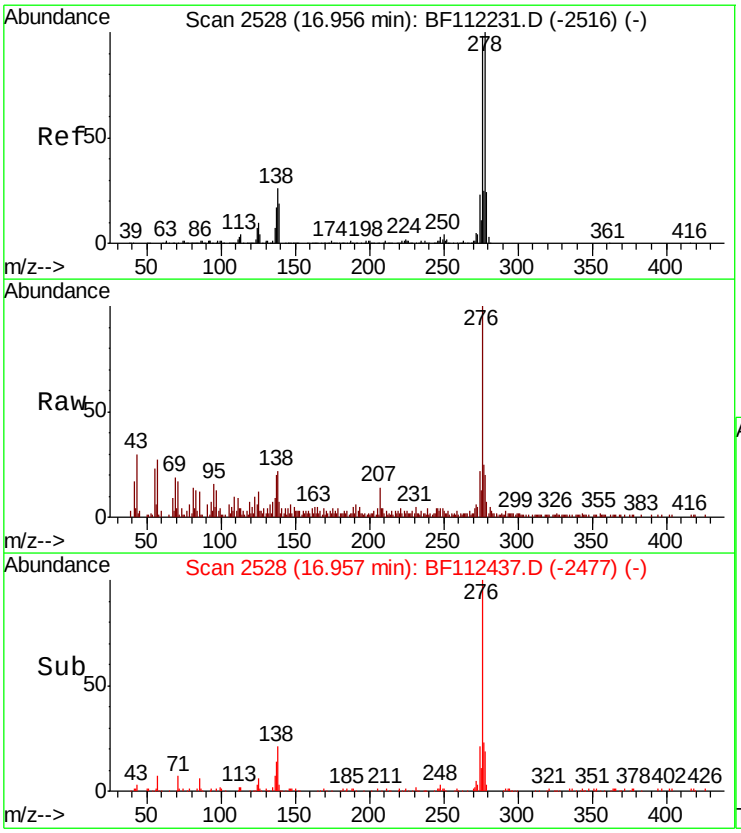
#83
Chrysene
Concen: 6.076 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:228 Resp: 105337

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.0	16.6	24.8

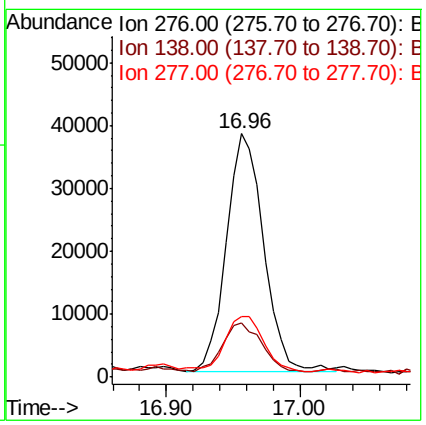


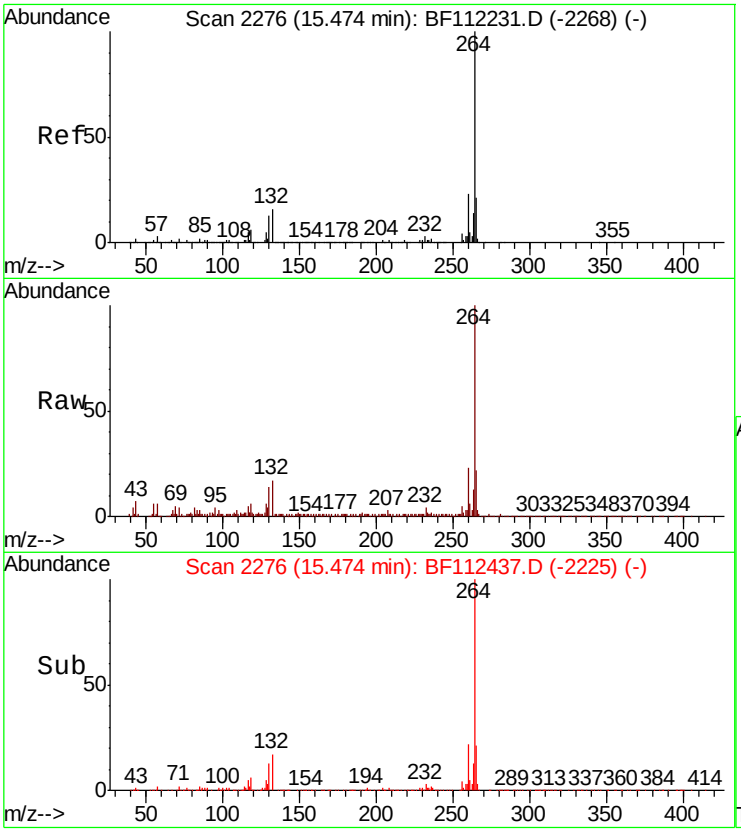


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.312 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:276 Resp: 72971

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.6	34.0#
277	23.9	20.3	30.5



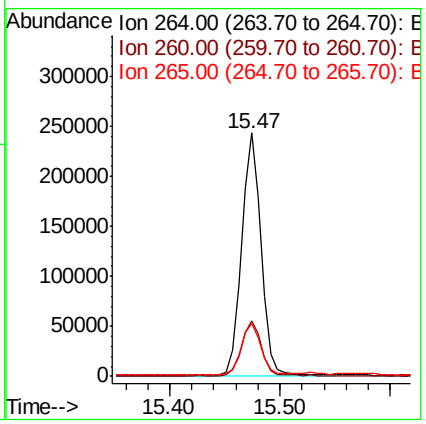


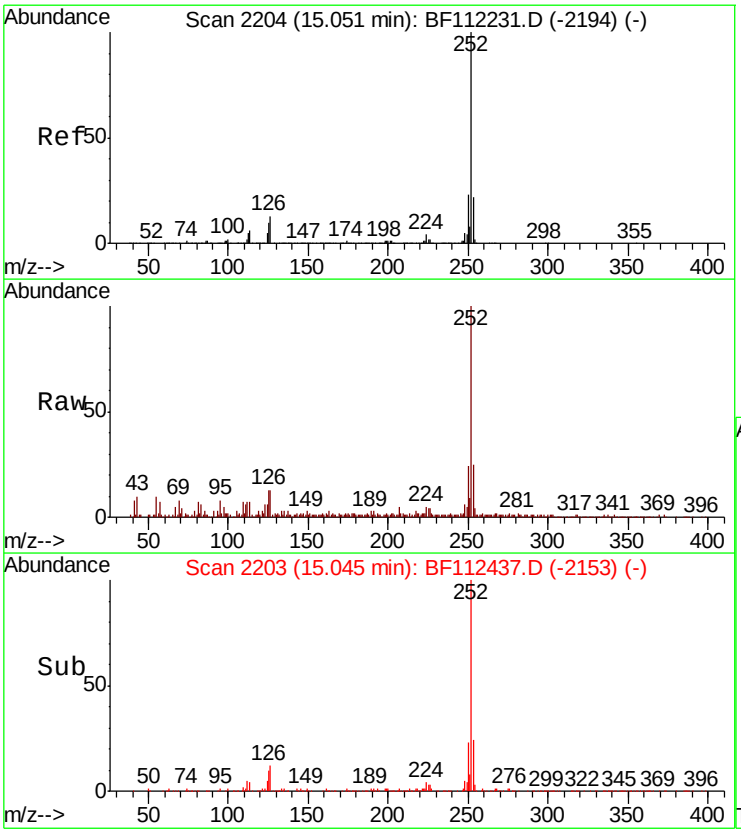
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:264 Resp: 301951

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.5	17.0	25.4

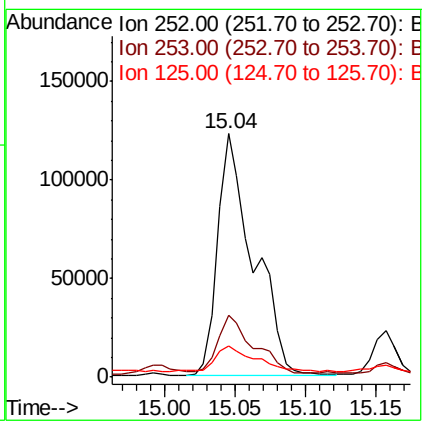


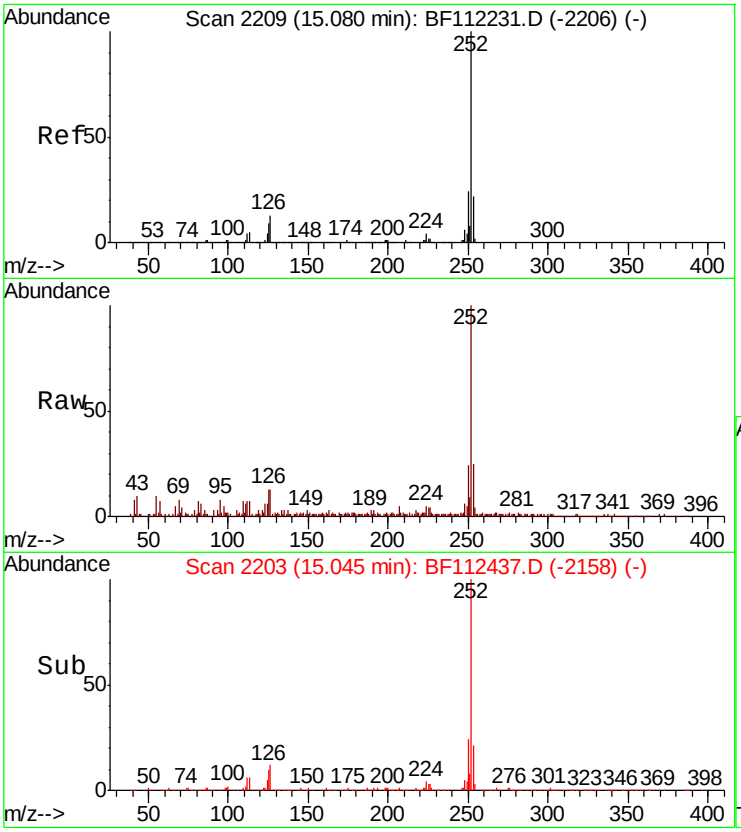


#88
Benzo(b)fluoranthene
Concen: 11.995 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:252 Resp: 216610

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	12.8	8.7	13.1



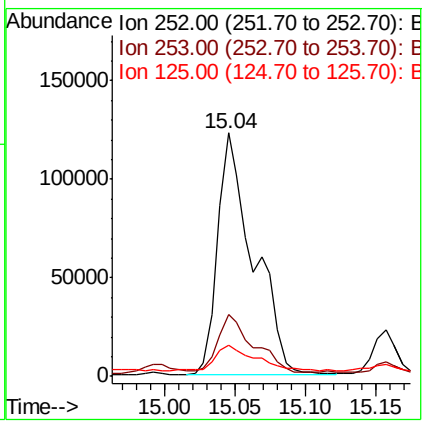


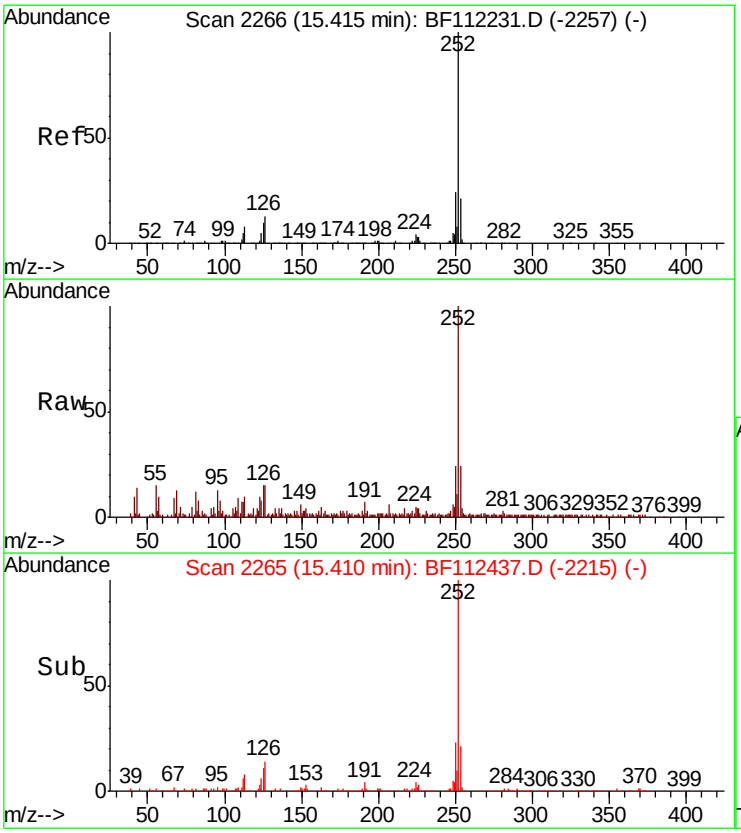
#89
Benzo(k)fluoranthene
Concen: 12.523 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:252 Resp: 216610

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	12.8	9.1	13.7

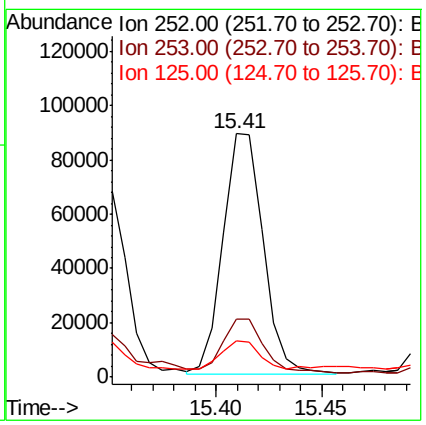


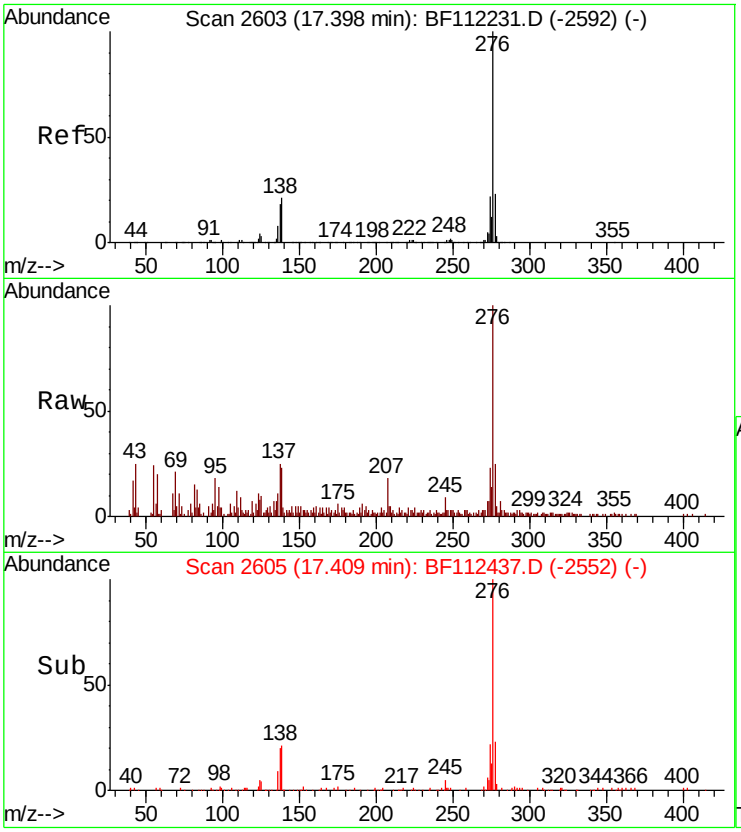


#90
Benzo(a)pyrene
Concen: 7.215 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion:252 Resp: 117229

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	14.7	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 5.501 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
M-6

Tgt Ion:276 Resp: 67962

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	23.2	19.1	28.7