Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112513.D
Acq On : 12 Feb 2019 16:14
Operator : JU/SJ
Sample : K1345-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-021119

Quant Time: Feb 13 03:39:12 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	123637	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	473392	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	211687	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	333145	20.00	ng		0.00
76) Chrysene-d12	14.02	240	265104	20.00	ng		0.00
87) Perylene-d12	15.50	264	247996	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	712386	122.39	ng		0.00
7) Phenol-d6	6.49	99	880390	108.85	ng		0.00
23) Nitrobenzene-d5	7.40	82	558319	67.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	218754	88.78	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1025555	68.52	ng		-0.02
79) Terphenyl-d14	12.94	244	812930	57.76	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	75376	13.515	ng	#	76
25) Isophorone	7.40	82	558315	43.318	ng	#	63
49) Acenaphthylene	9.73	152	178689	8.495	ng		97
50) Dimethylphthalate	9.58	163	91588	5.569	ng		99
52) Acenaphthene	9.90	154	33642	2.677	ng		92
55) Dibenzofuran	10.07	168	61550	3.205	ng		96
58) Fluorene	10.42	166	92395	6.430	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	13894	3.546	ng	#	1
71) Phenanthrene	11.39	178	1164759	67.250	ng		99
72) Anthracene	11.44	178	439938	25.500	ng		97
73) Carbazole	11.60	167	53526	3.145	ng		98
75) Fluoranthene	12.59	202	2716785	146.249	ng		99
78) Pyrene	12.82	202	2432444	132.527	ng		99
81) Benzo(a)anthracene	14.01	228	1460526	93.718	ng		99
83) Chrysene	14.04	228	1214288	81.628	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	608506	51.623	ng	#	93
88) Benzo(b)fluoranthene	15.07	252	2324511	156.730	ng		98
89) Benzo(k)fluoranthene	15.07	252	2324511	163.626	ng		98
90) Benzo(a)pyrene	15.44	252	1241192	93.007	ng		99
91) Dibenzo(a,h)anthracene	17.16	278	131639	12.239	ng		97
92) Benzo(g,h,i)perylene	17.45	276	537179	52.939	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112513.D
Acq On : 12 Feb 2019 16:14
Operator : JU/SJ
Sample : K1345-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Quant Time: Feb 13 03:39:12 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
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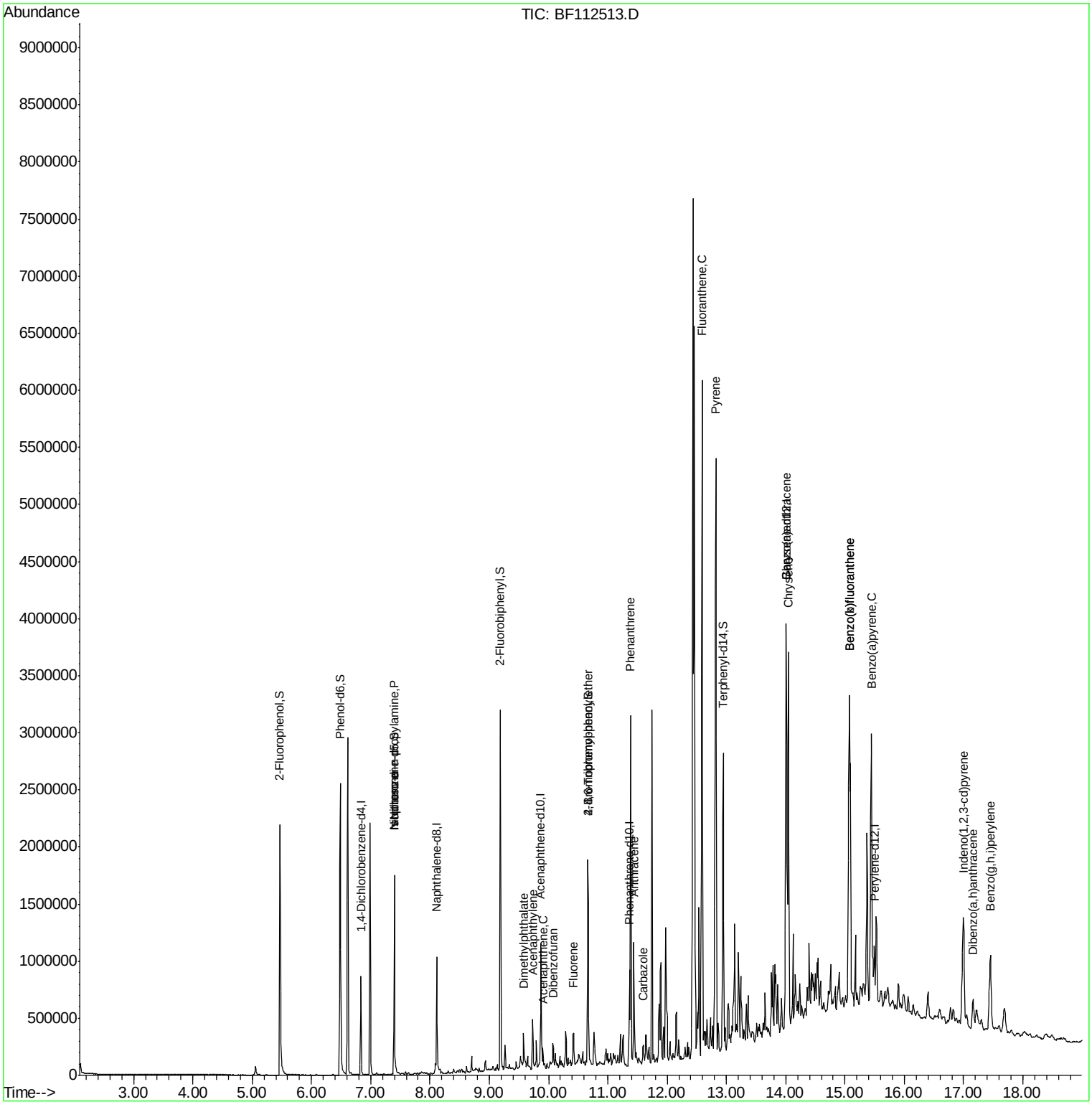
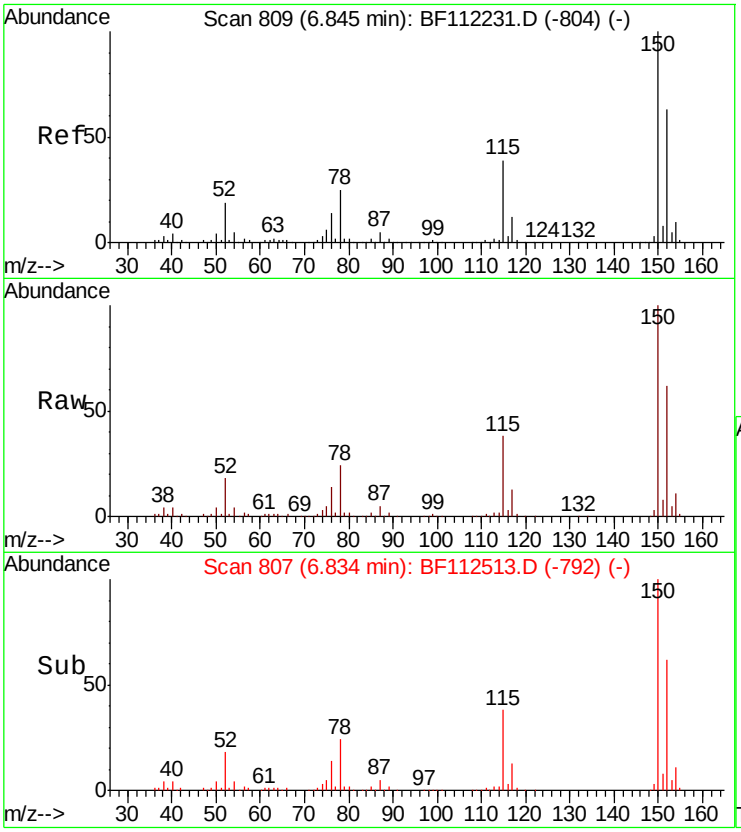


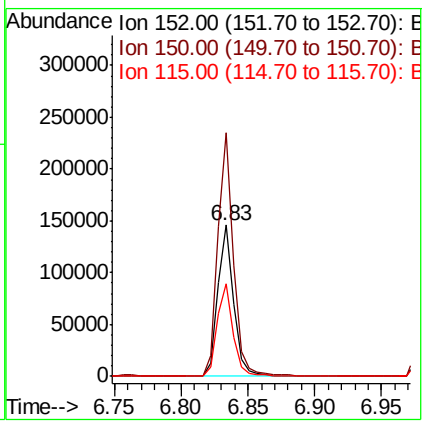


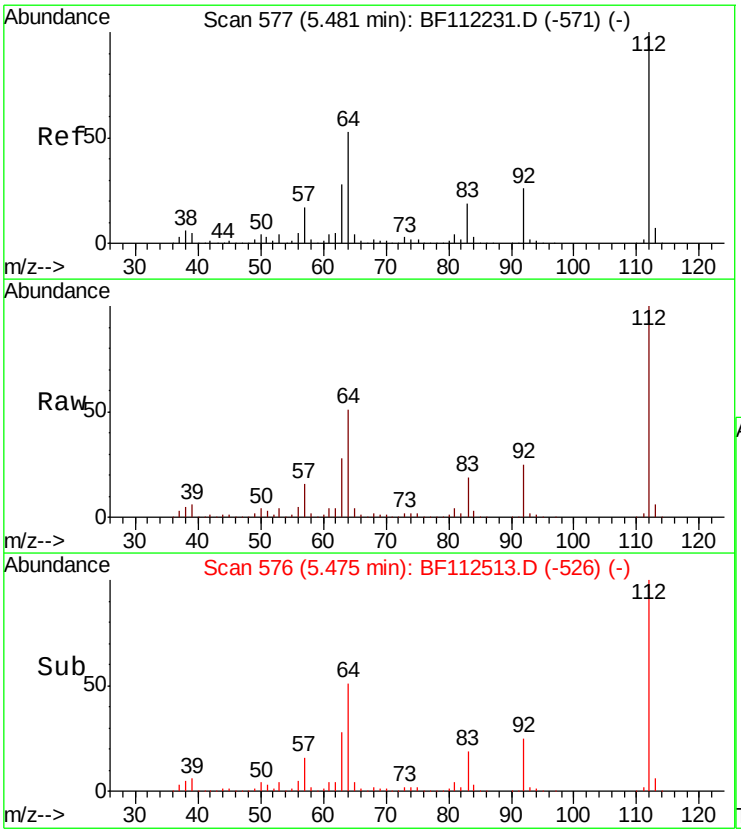
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:152 Resp: 123637

Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.4	191.0
115	60.9	45.5	68.3

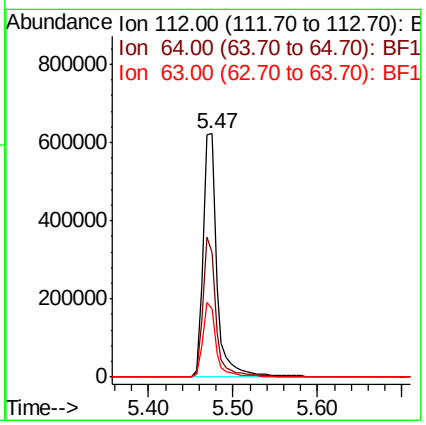


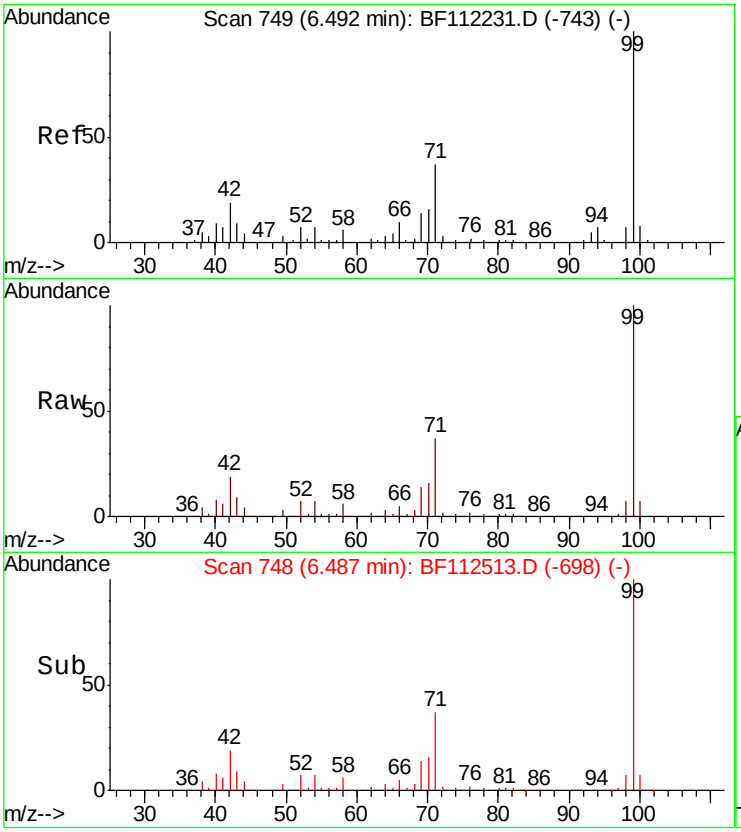


#5
2-Fluorophenol
Concen: 122.387 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:112 Resp: 712386

Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.7	68.5
63	28.2	23.6	35.4



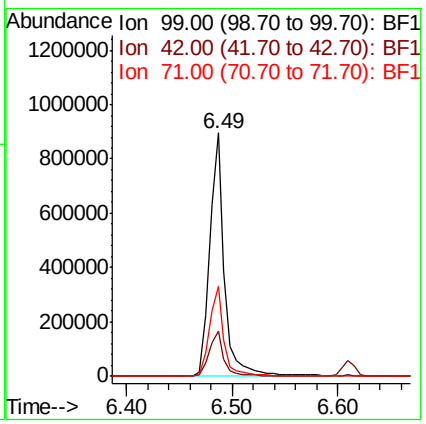


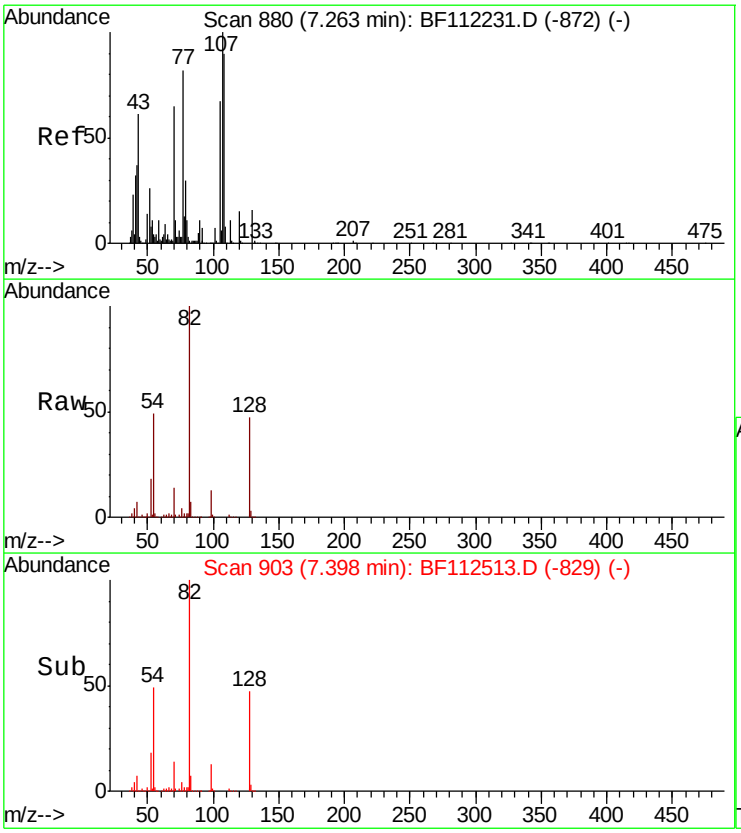
#7
Phenol-d6
Concen: 108.848 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion: 99 Resp: 880390

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	36.7	26.9	40.3

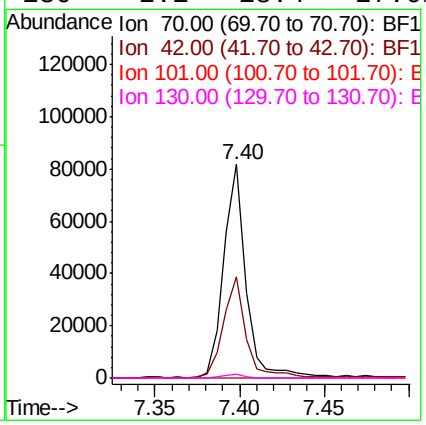


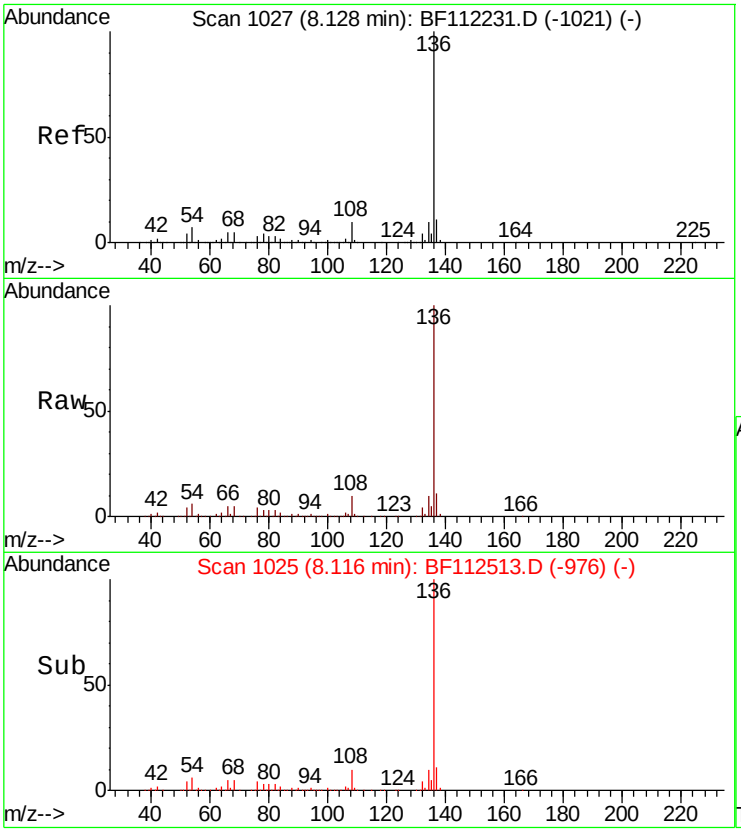


#19
n-Nitroso-di-n-propylamine
Concen: 13.515 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion: 70 Resp: 75376

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



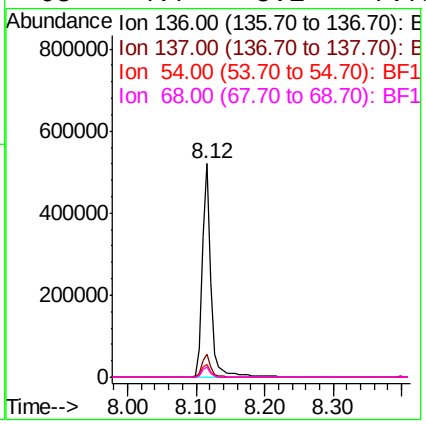


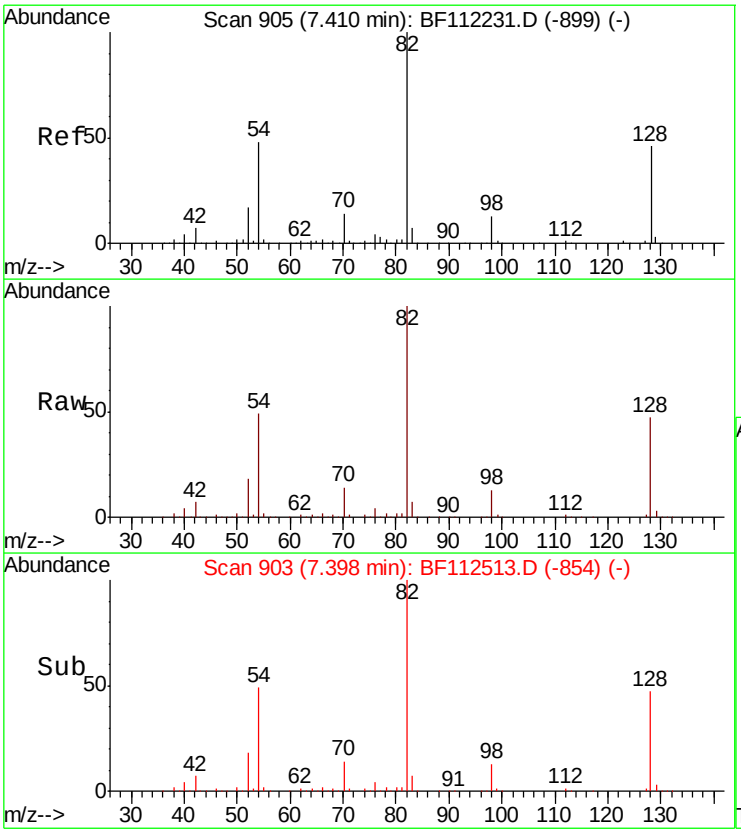
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:136 Resp: 473392

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	5.9	8.9
68	4.7	5.1	7.7#

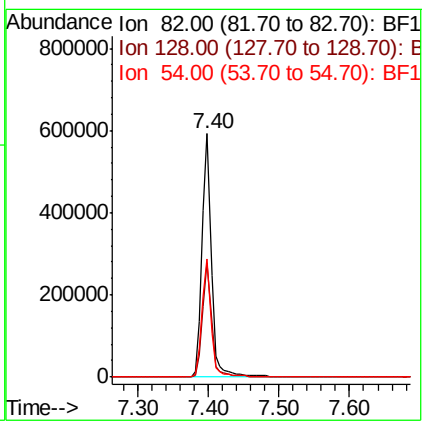


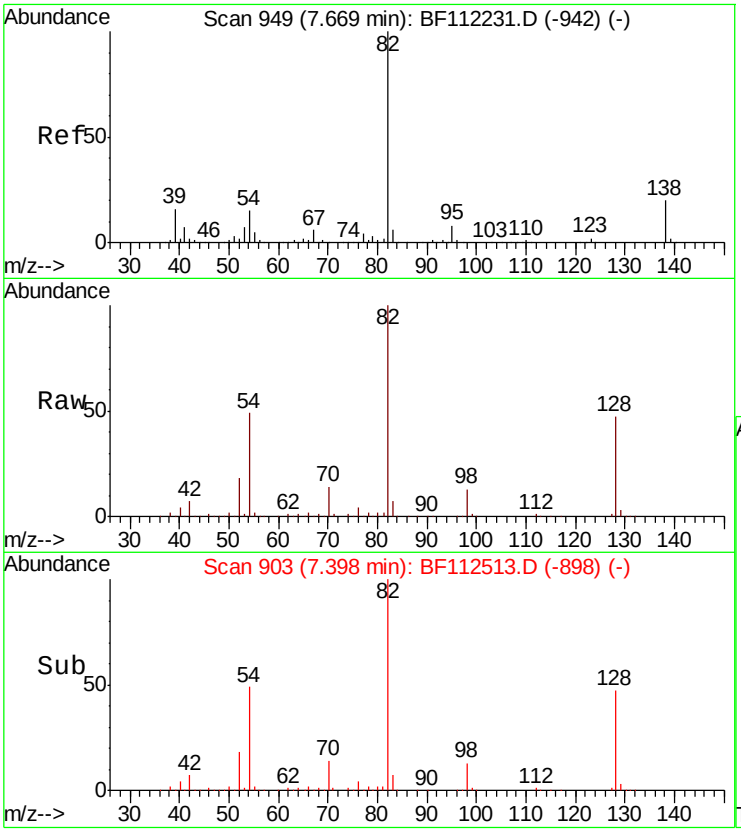


#23
Nitrobenzene-d5
Concen: 67.957 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion: 82 Resp: 558319

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	48.6	39.7	59.5



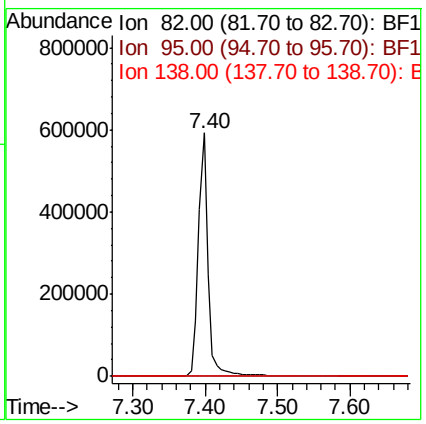


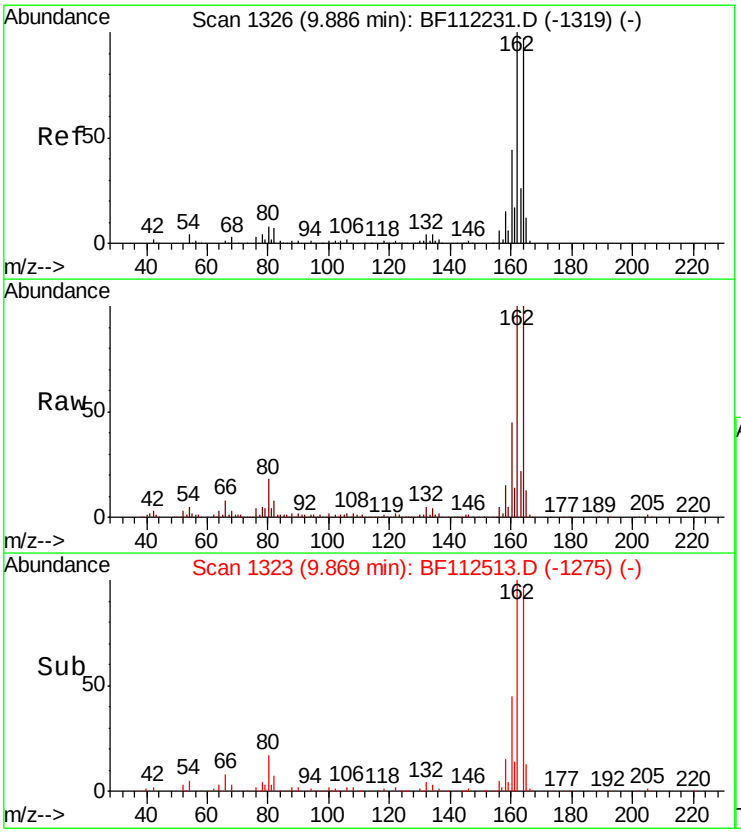
#25
Isophorone
Concen: 43.318 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion: 82 Resp: 558315

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

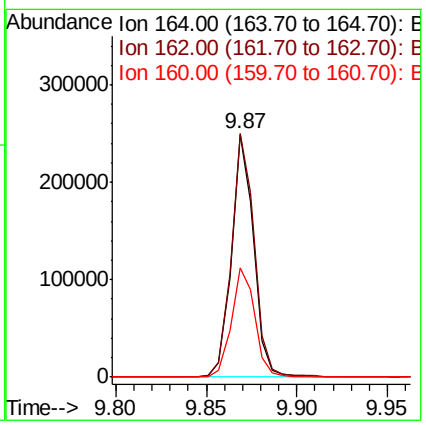


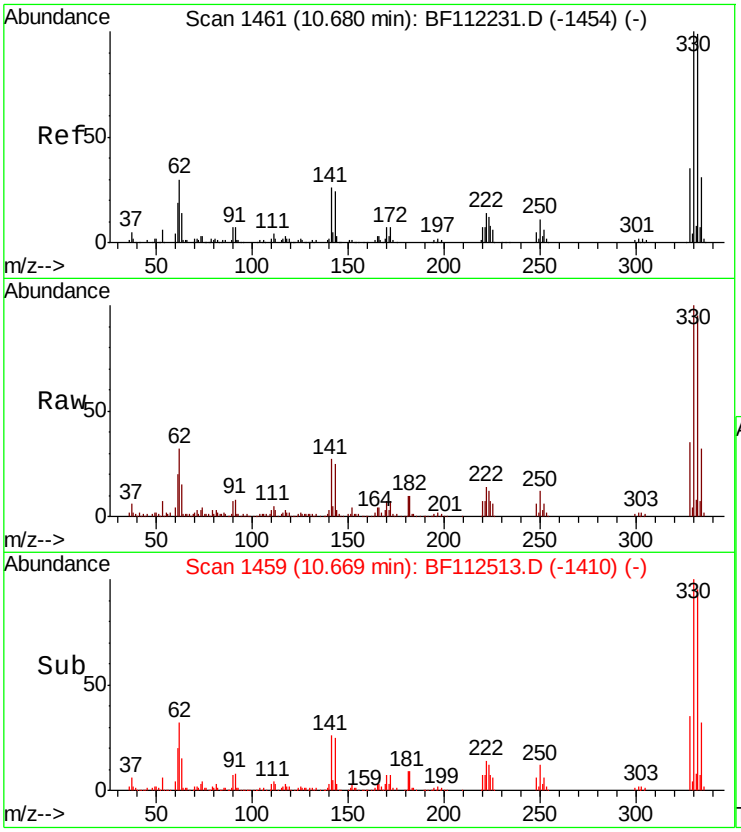


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:164 Resp: 211687

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.4
160	45.3	36.2	54.4



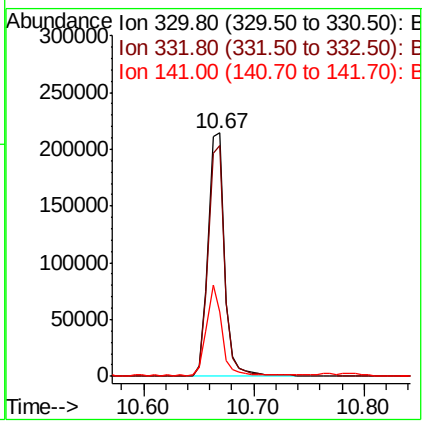


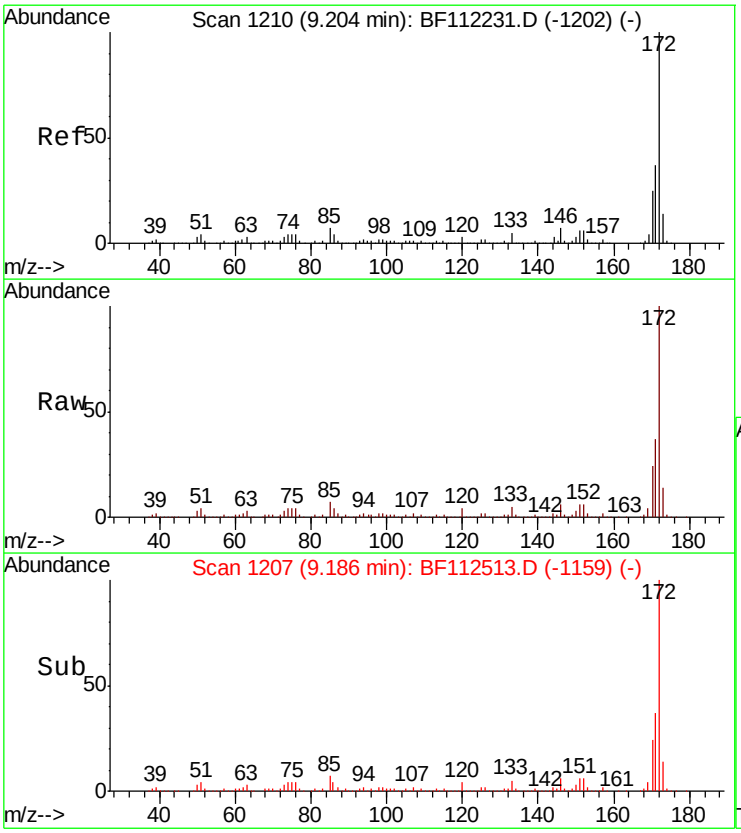
#42
2,4,6-Tribromophenol
Concen: 88.781 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:330 Resp: 218754

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	34.1	24.3	36.5

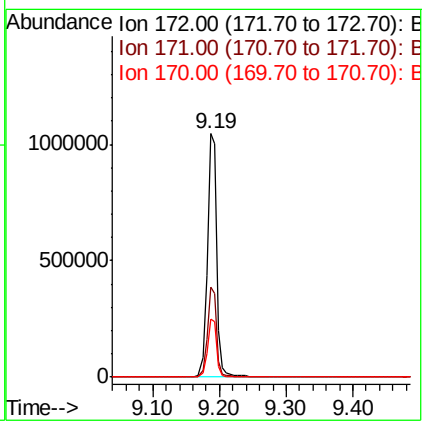


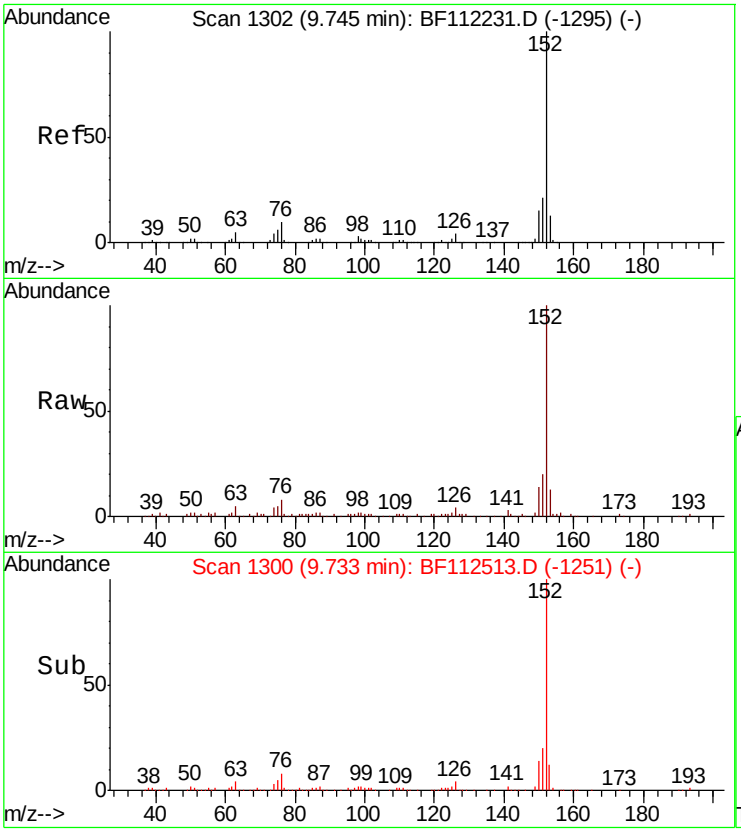


#45
2-Fluorobiphenyl
Concen: 68.520 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:172 Resp: 1025555

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	23.7	20.2	30.4



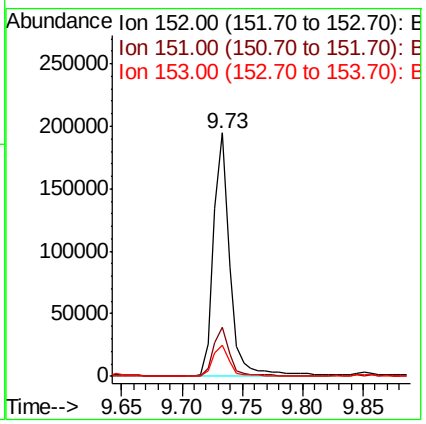


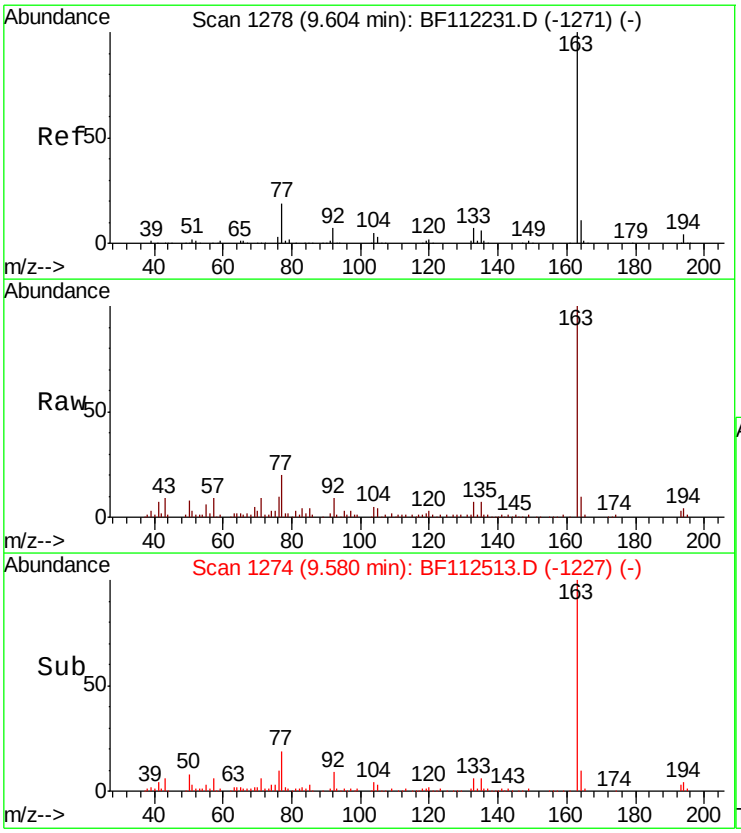
#49
Acenaphthylene
Concen: 8.495 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:152 Resp: 178689

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	12.8	11.2	16.8

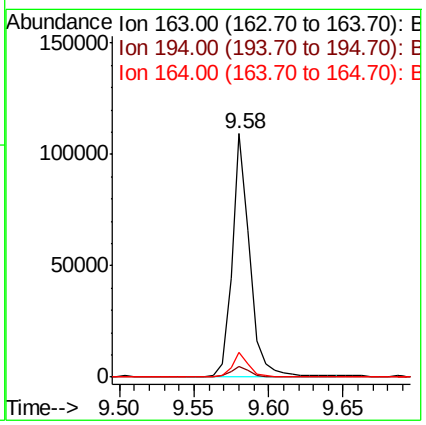


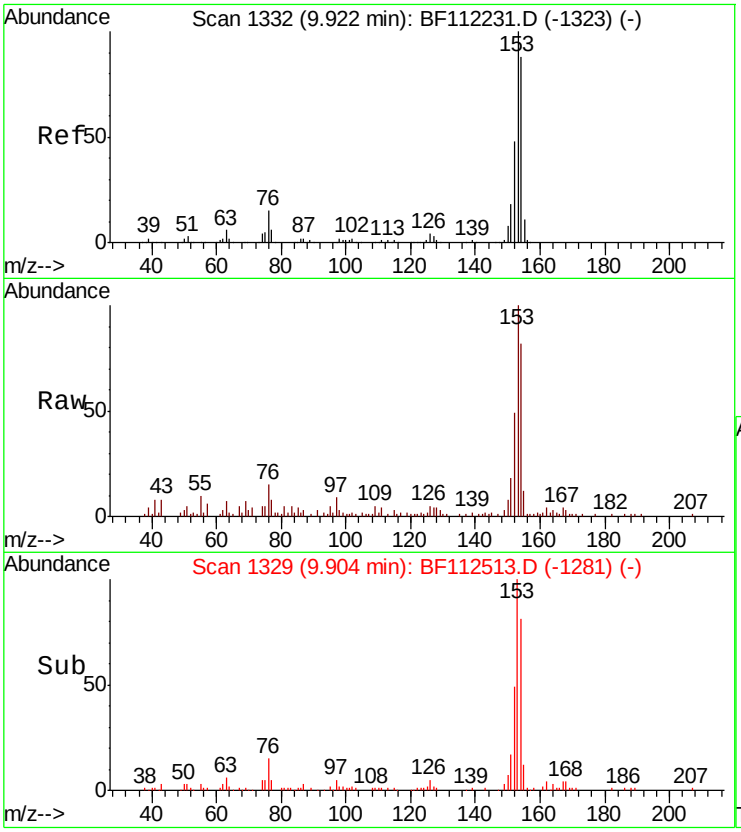


#50
Dimethylphthalate
Concen: 5.569 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:163 Resp: 91588

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.5	12.7



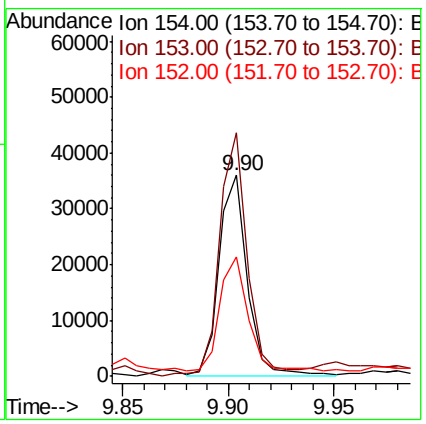


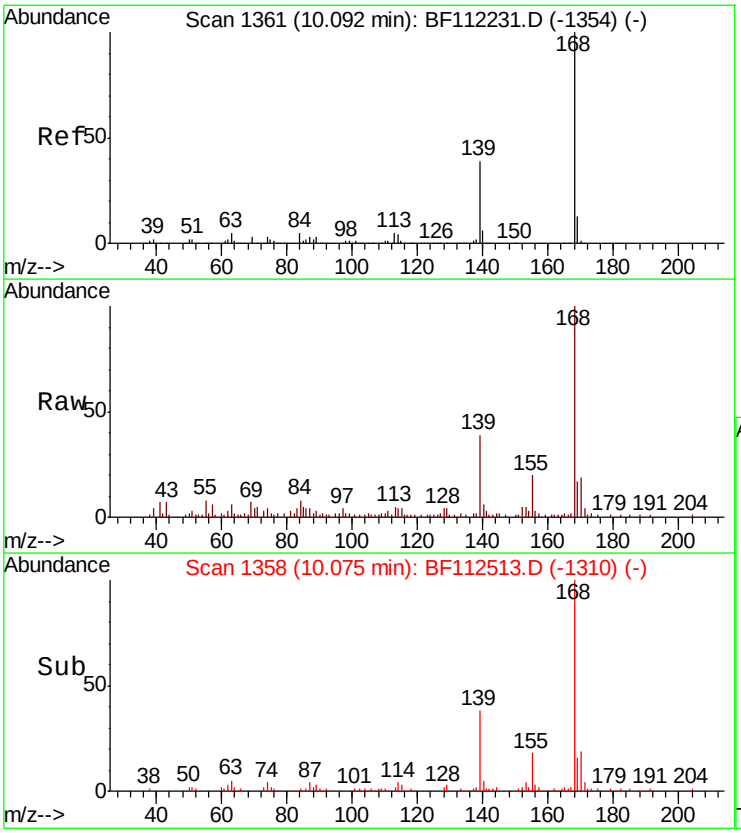
#52
Acenaphthene
Concen: 2.677 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:154 Resp: 33642

Ion	Ratio	Lower	Upper
154	100		
153	121.3	89.8	134.6
152	59.6	43.5	65.3

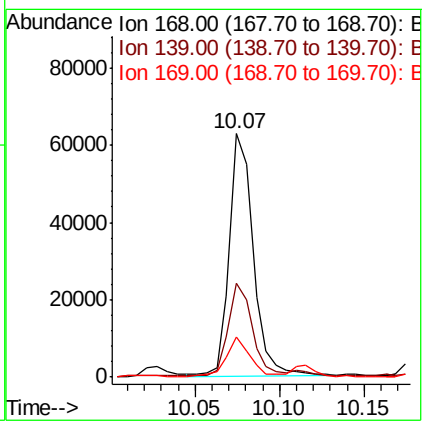


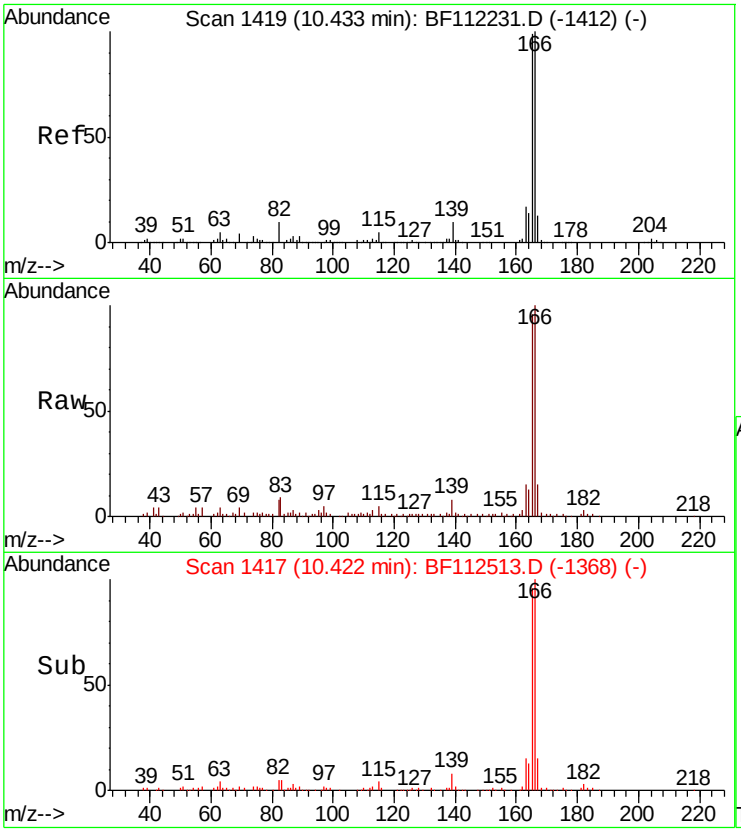


#55
Dibenzofuran
Concen: 3.205 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:168 Resp: 61550

Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.2	43.8
169	16.5	11.4	17.0



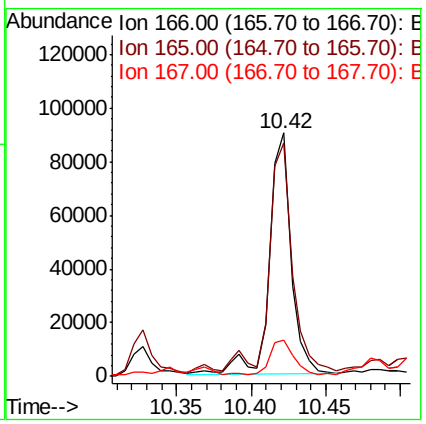


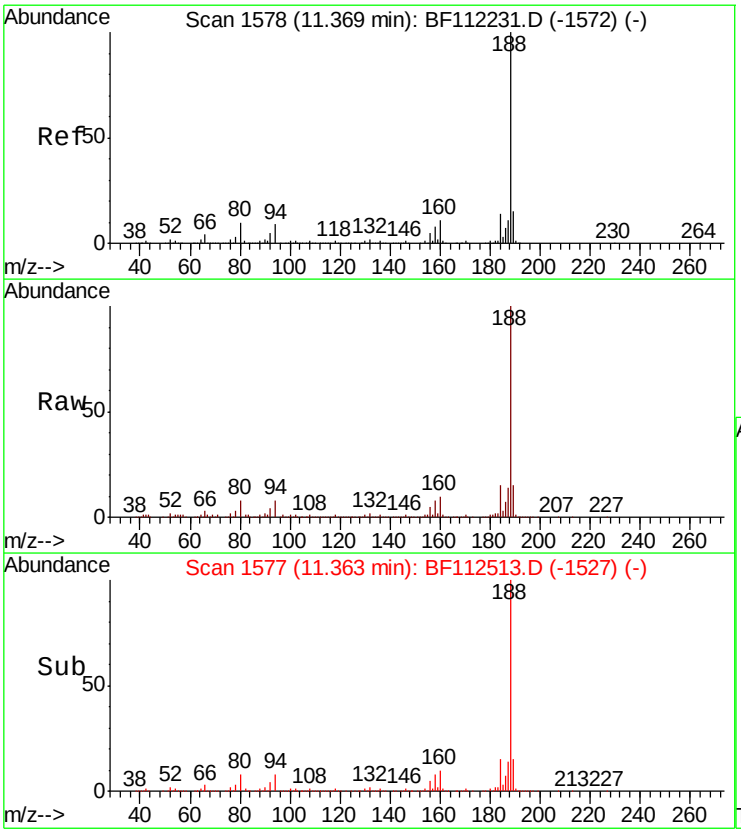
#58
Fluorene
Concen: 6.430 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:166 Resp: 92395

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.1	115.7
167	15.1	11.3	16.9

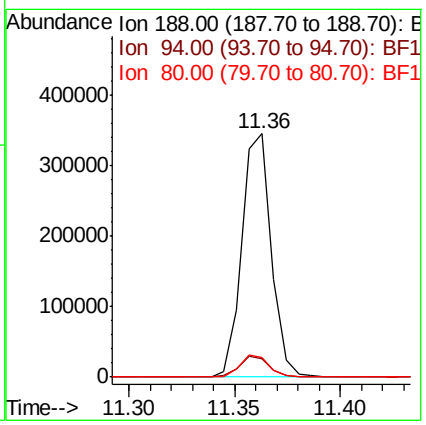


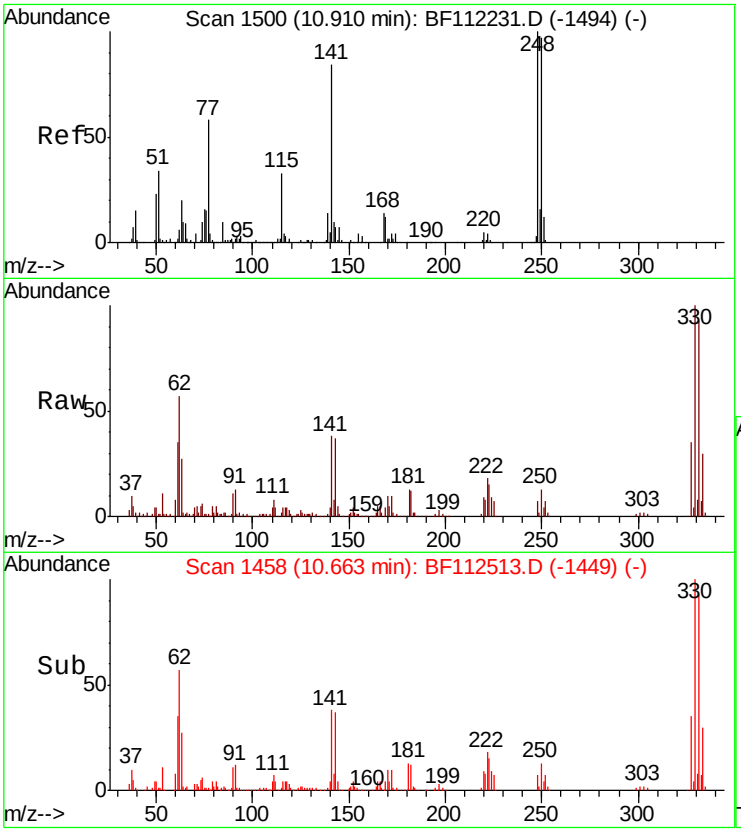


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:188 Resp: 333145

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	7.9	8.9	13.3#



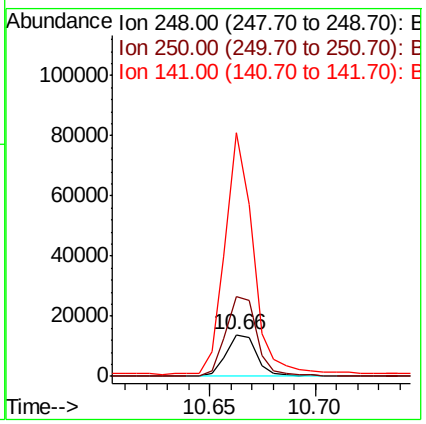


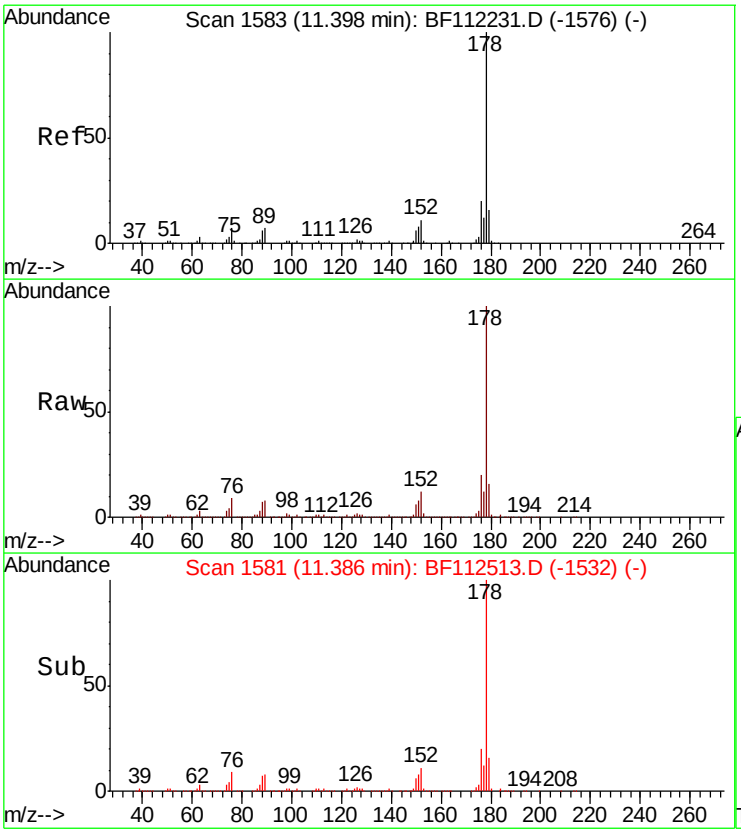
#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:248 Resp: 13894

Ion	Ratio	Lower	Upper
248	100		
250	190.9	79.7	119.5#
141	585.8	60.3	90.5#

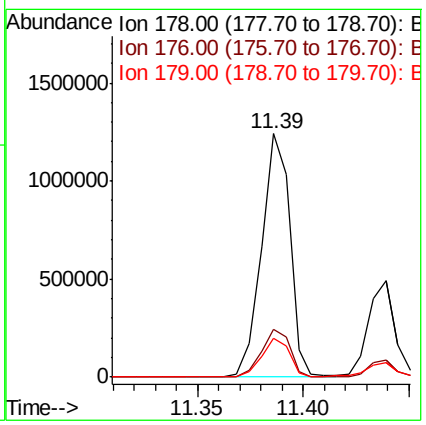


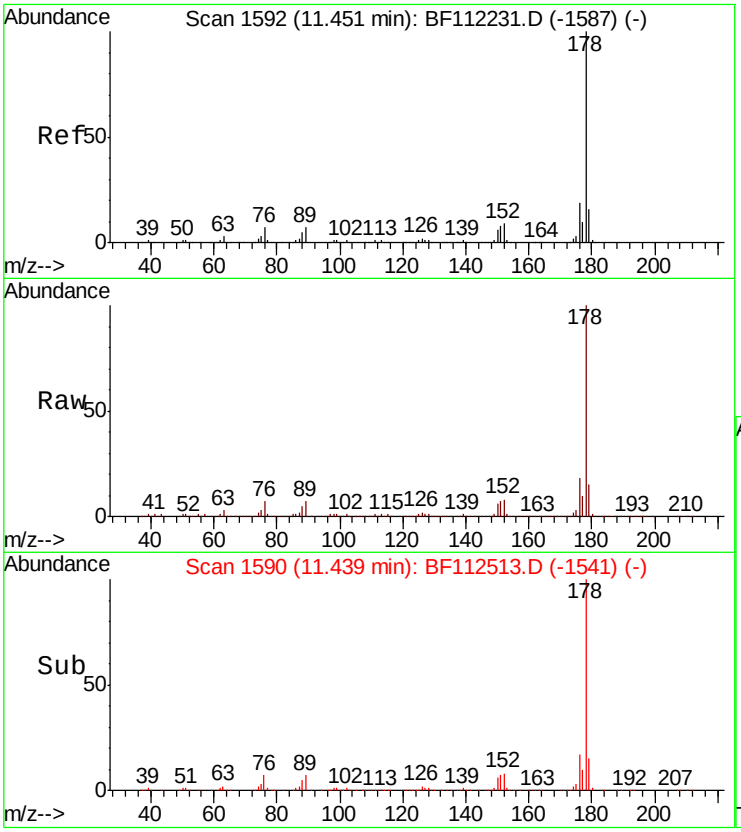


#71
Phenanthrene
Concen: 67.250 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:178 Resp: 1164759

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	15.8	13.0	19.4



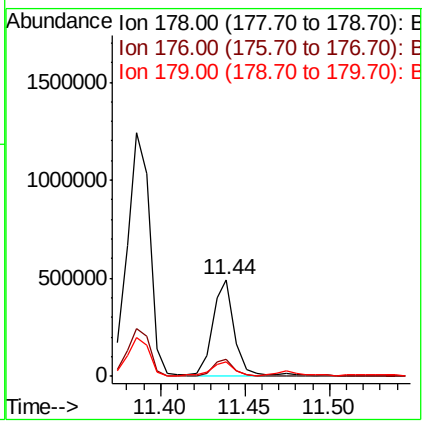


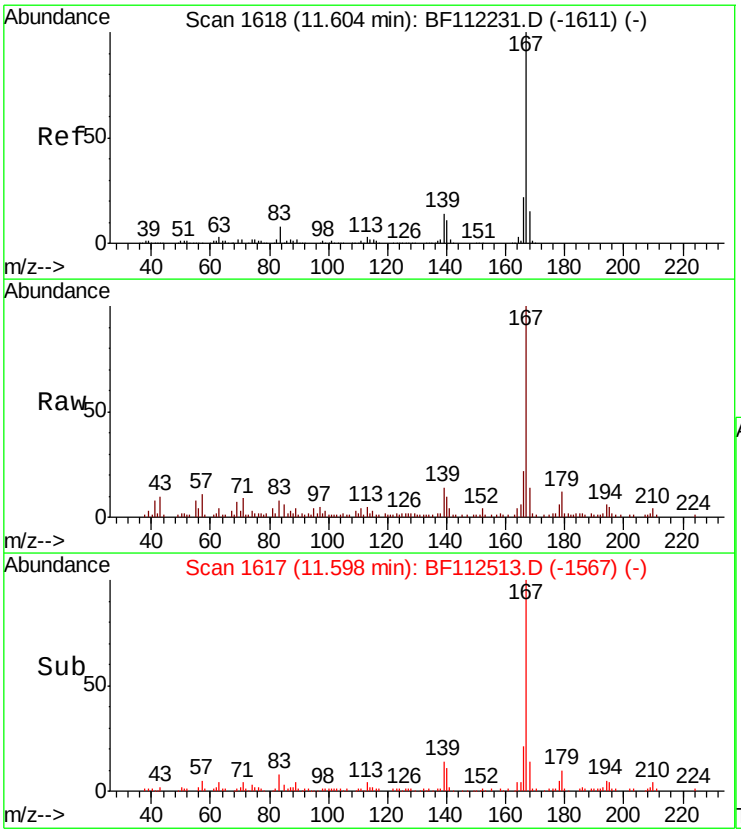
#72
Anthracene
Concen: 25.500 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:178 Resp: 439938

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	15.4	12.8	19.2

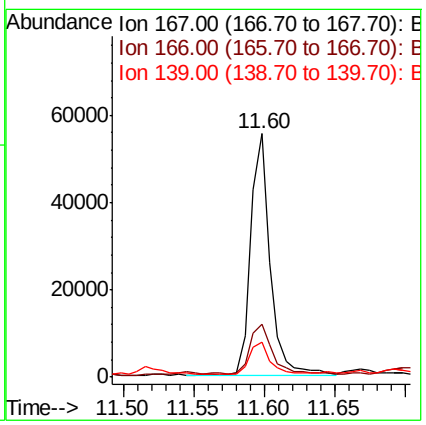


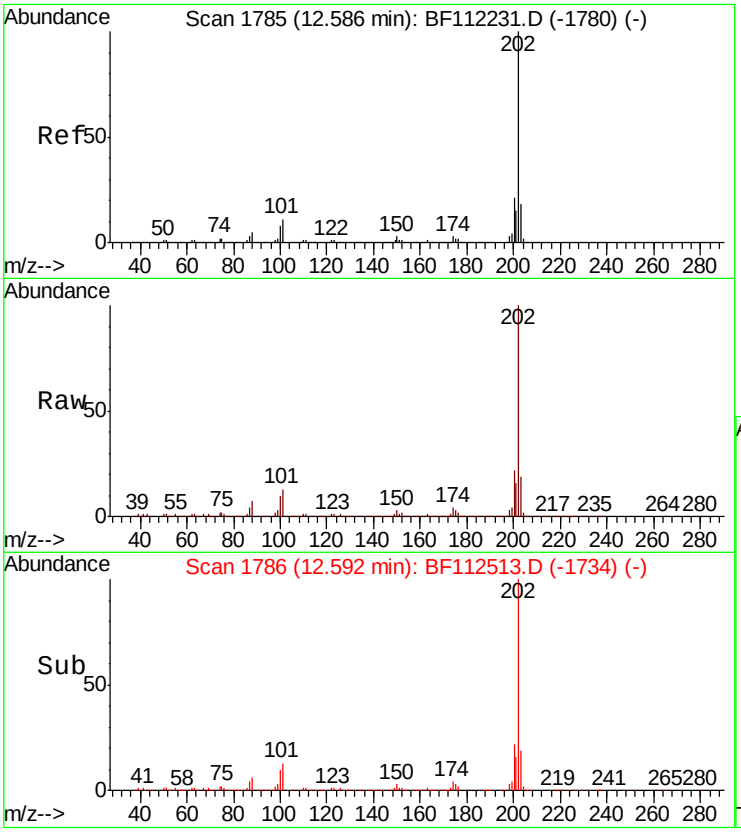


#73
Carbazole
Concen: 3.145 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:167 Resp: 53526

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	14.5	10.2	15.2



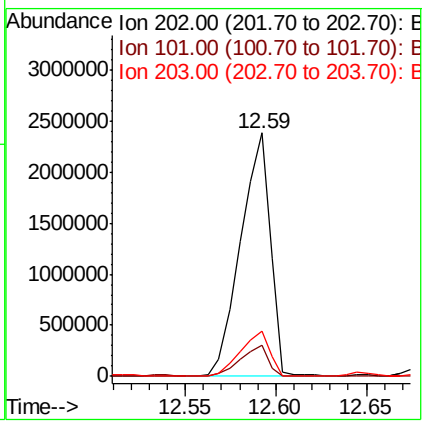


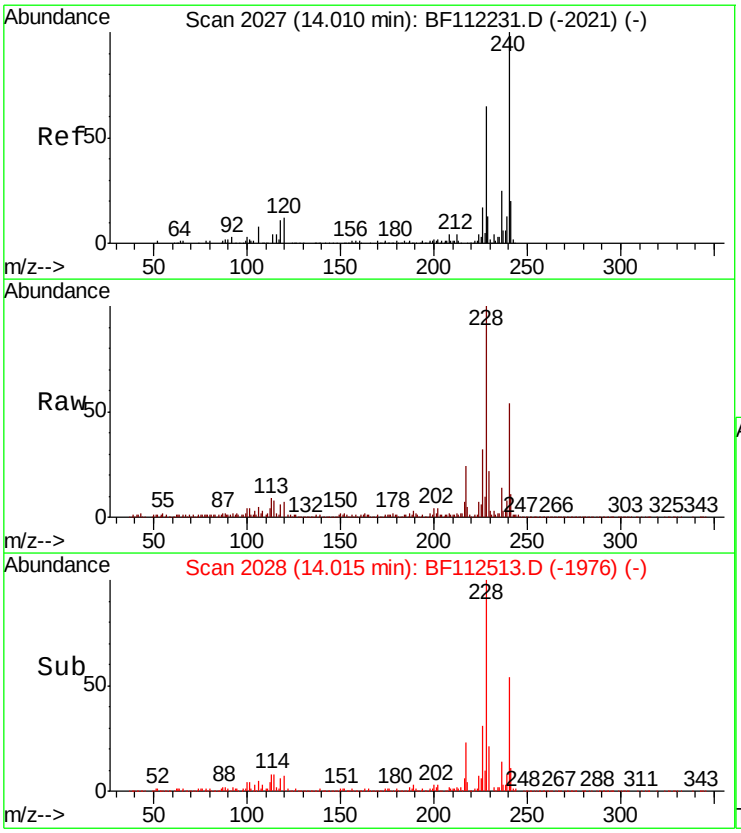
#75
Fluoranthene
Concen: 146.249 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:202 Resp: 2716785

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.8
203	18.7	0.0	38.4

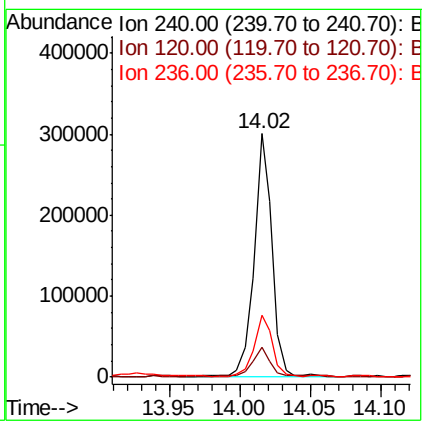


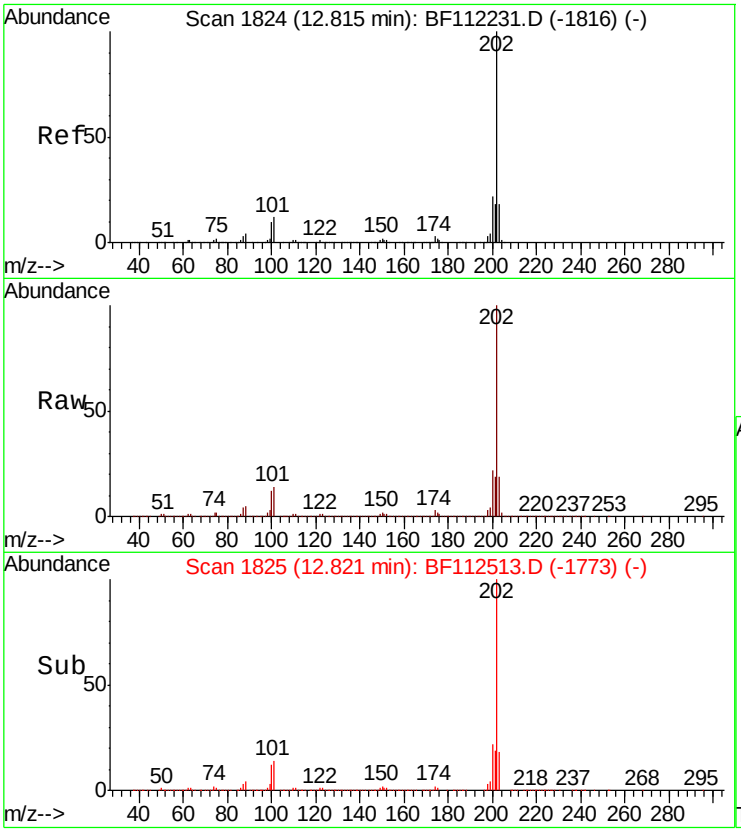


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:240 Resp: 265104

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.0	13.6
236	25.4	20.7	31.1



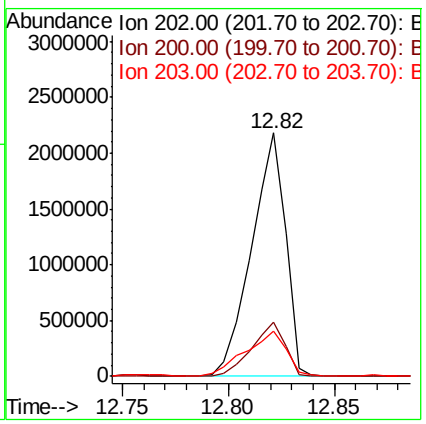


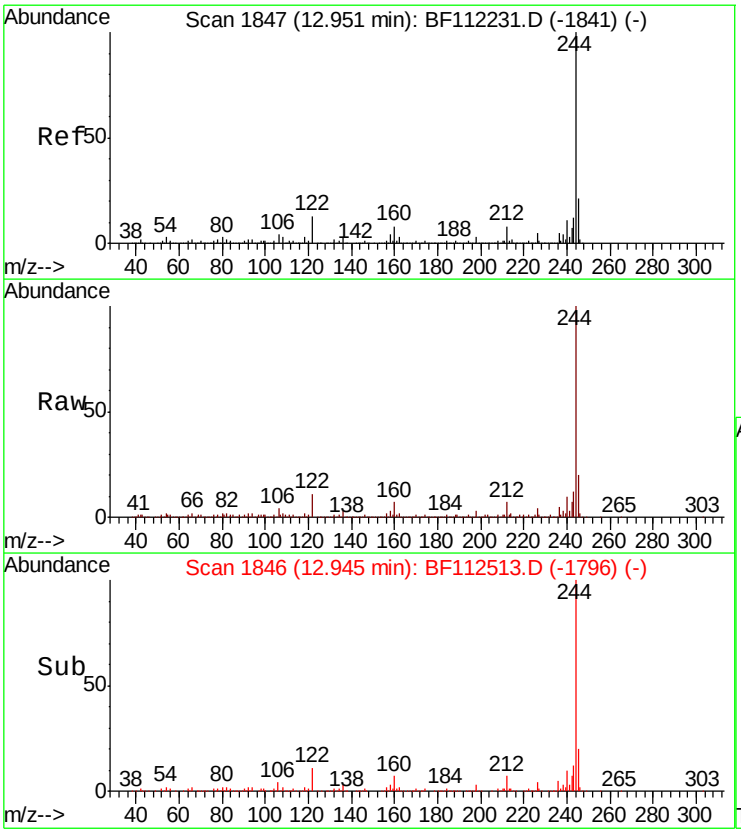
#78
Pyrene
Concen: 132.527 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:202 Resp: 2432444

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.8	14.6	22.0

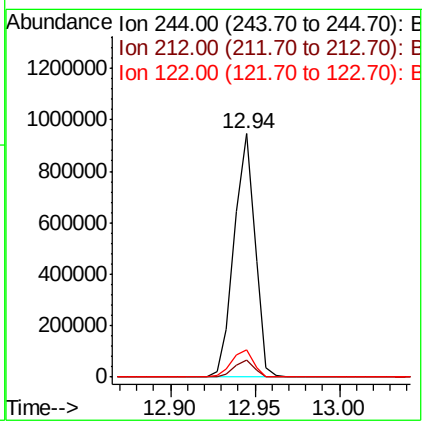


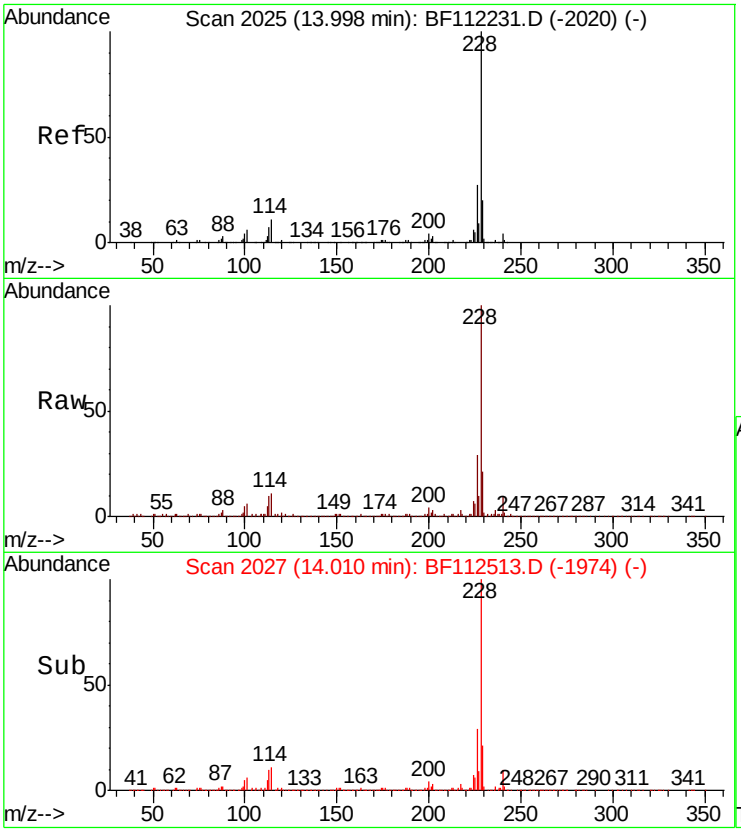


#79
Terphenyl-d14
Concen: 57.755 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:244 Resp: 812930

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.1	9.8	14.6



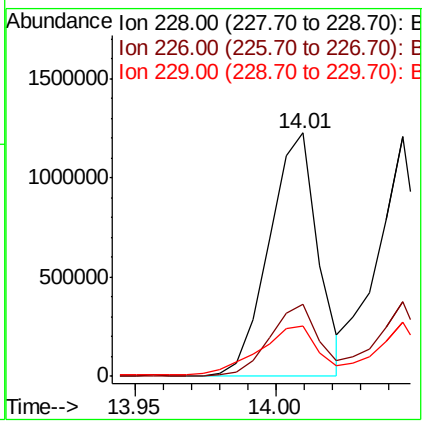


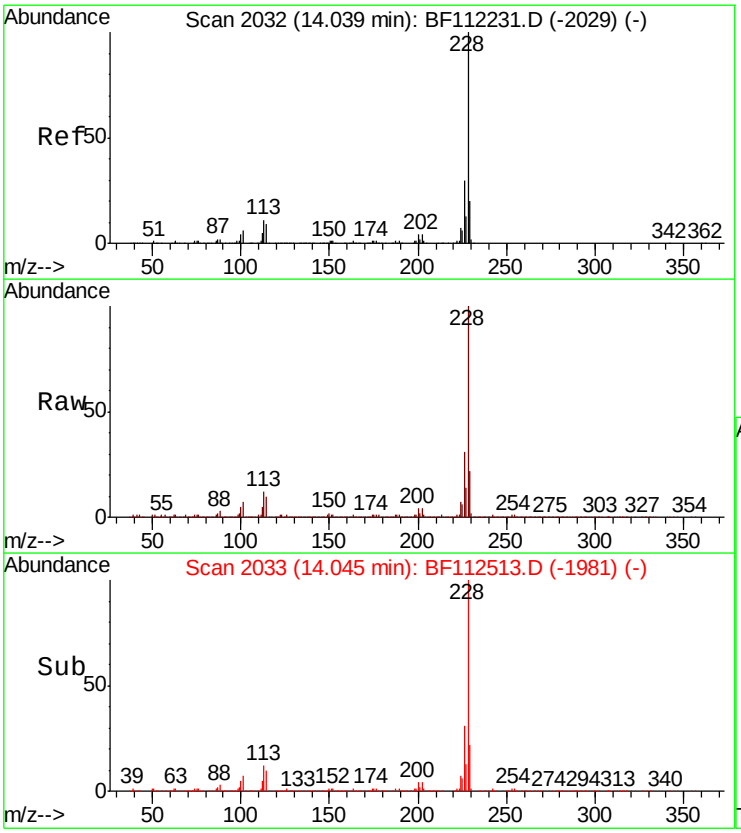
#81
Benzo(a)anthracene
Concen: 93.718 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:228 Resp: 1460526

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	20.7	16.5	24.7

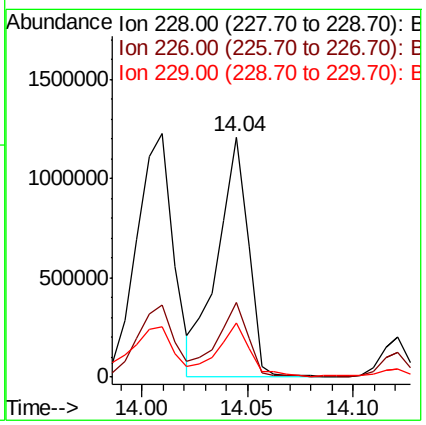


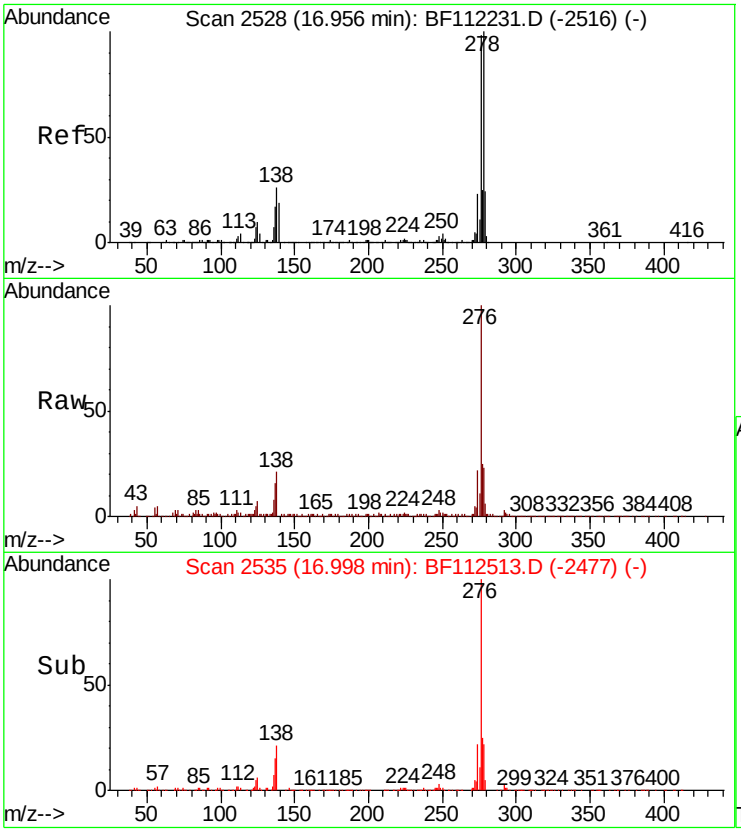


#83
Chrysene
Concen: 81.628 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:228 Resp: 1214288

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.3	16.6	24.8



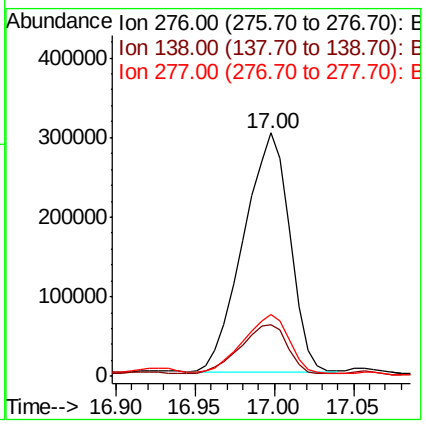


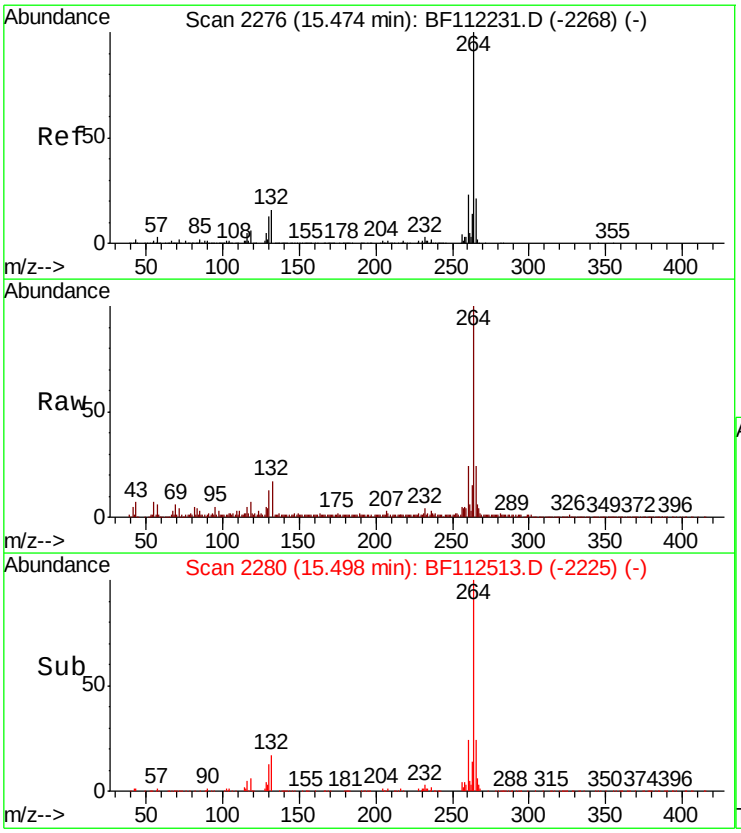
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.623 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:276 Resp: 608506

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.6	34.0#
277	24.7	20.3	30.5

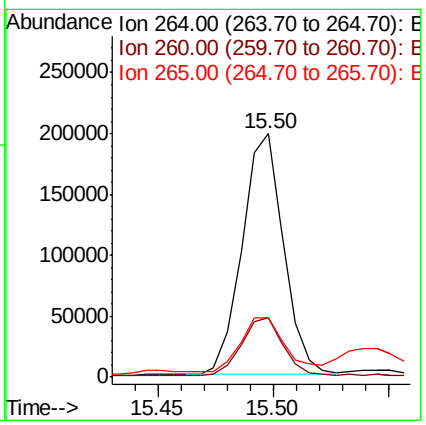


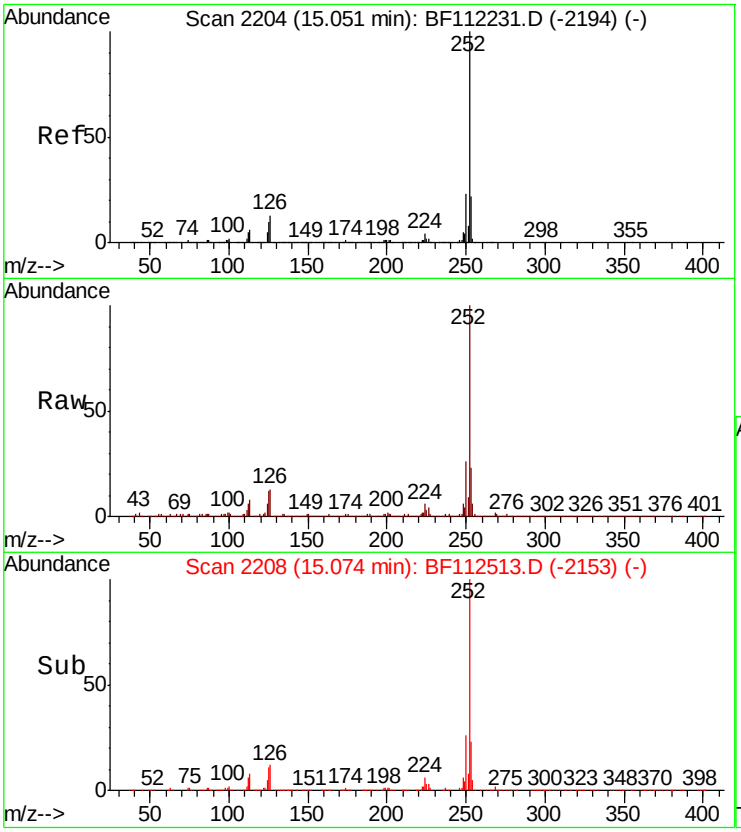


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:264 Resp: 247996

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	24.2	17.0	25.4



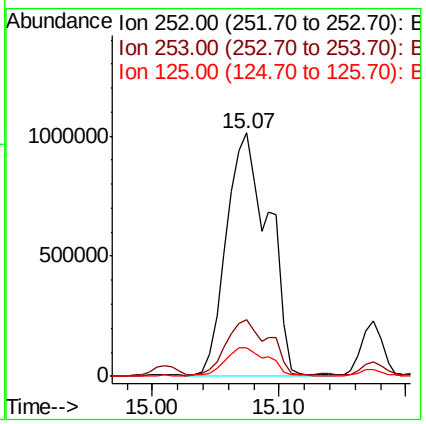


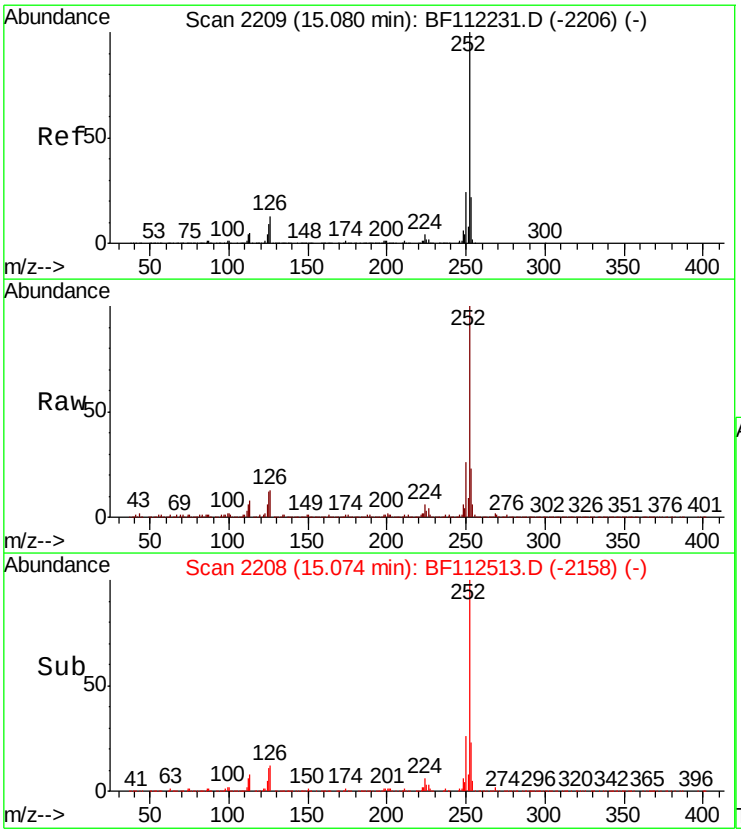
#88
Benzo(b)fluoranthene
Concen: 156.730 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:252 Resp: 2324511

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.9	8.7	13.1

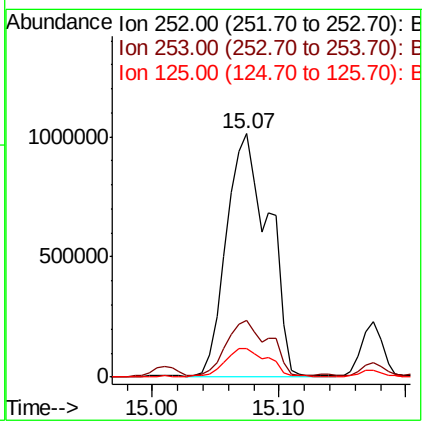


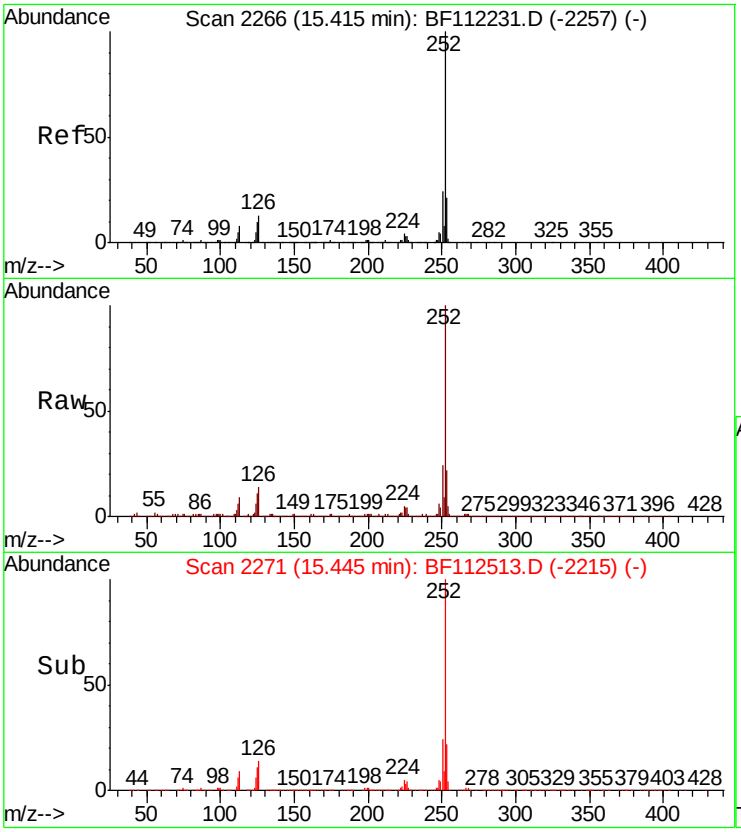


#89
Benzo(k)fluoranthene
Concen: 163.626 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:252 Resp: 2324511

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.9	9.1	13.7



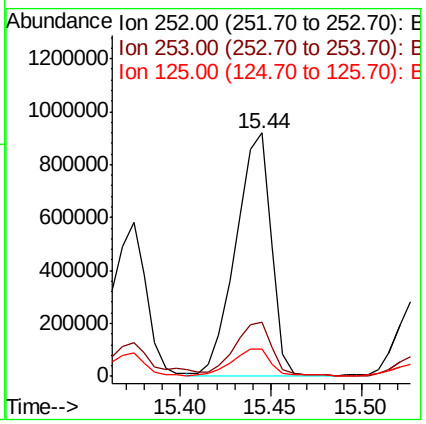


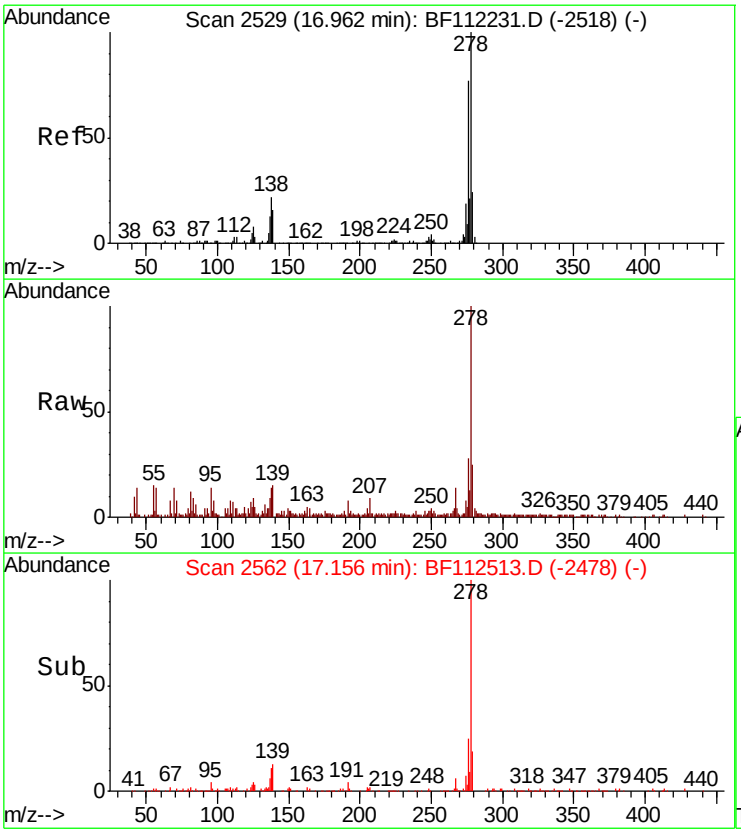
#90
Benzo(a)pyrene
Concen: 93.007 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.03 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:252 Resp: 1241192

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.1	9.0	13.4

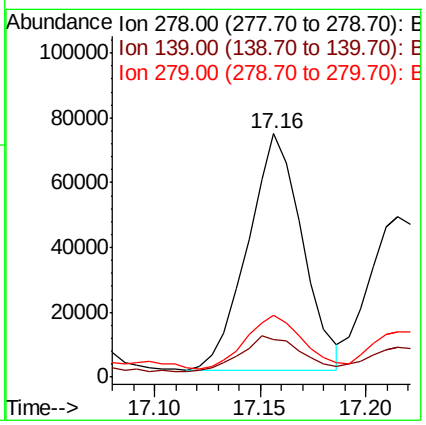


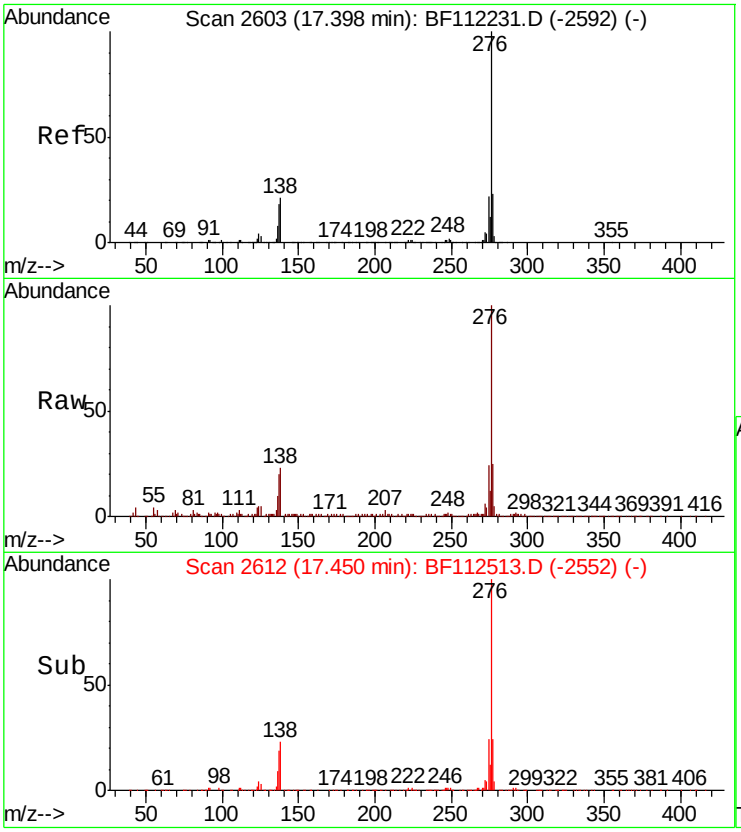


#91
Dibenzo(a,h)anthracene
Concen: 12.239 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.19 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Tgt Ion:278 Resp: 131639

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	25.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 52.939 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.05 min
Lab File: BF112513.D
Acq: 12 Feb 2019 16:14

Instrument :
BNA_F
ClientSampleId :
HD-02-021119

Tgt Ion:276 Resp: 537179

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.0
138	23.3	19.1	28.7