Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111941.D
Acq On : 9 Jan 2019 10:45
Operator : JU/SJ
Sample : K1066-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 09 11:18:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	200018	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	845417	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	459827	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	865039	20.00	ng		0.00
76) Chrysene-d12	14.05	240	578764	20.00	ng		0.00
87) Perylene-d12	15.54	264	467990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1079611	92.34	ng		0.00
7) Phenol-d6	6.53	99	1392045	92.38	ng		0.00
23) Nitrobenzene-d5	7.45	82	915024	57.85	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	503679	84.21	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1771711	56.18	ng		0.00
79) Terphenyl-d14	13.00	244	1815336	59.54	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	3147	Below Cal		#	1
10) Phenol	6.54	94	61134	3.733	ng	#	72
19) n-Nitroso-di-n-propylamine	7.45	70	122636	12.526	ng	#	76
25) Isophorone	7.45	82	906221	35.379	ng	#	65
50) Dimethylphthalate	9.63	163	185674	5.375	ng		99
57) 2,4-Dinitrotoluene	9.92	165	59914	6.003	ng	#	26
67) 4-Bromophenyl-phenylether	10.72	248	30005	2.678	ng	#	1
71) Phenanthrene	11.43	178	149972	3.243	ng		98
75) Fluoranthene	12.62	202	262791	5.535	ng		98
78) Pyrene	12.85	202	210541	5.287	ng		97
81) Benzo(a)anthracene	14.04	228	99025	2.973	ng		100
83) Chrysene	14.07	228	92559	2.914	ng		94
86) Indeno(1,2,3-cd)pyrene	17.03	276	48622	2.100	ng		94
88) Benzo(b)fluoranthene	15.10	252	133262	4.760	ng	#	93
89) Benzo(k)fluoranthene	15.10	252	133262	5.064	ng	#	95
90) Benzo(a)pyrene	15.47	252	62911	2.556	ng		97
92) Benzo(g,h,i)perylene	17.47	276	43748	2.259	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
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Acq On : 9 Jan 2019 10:45
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BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
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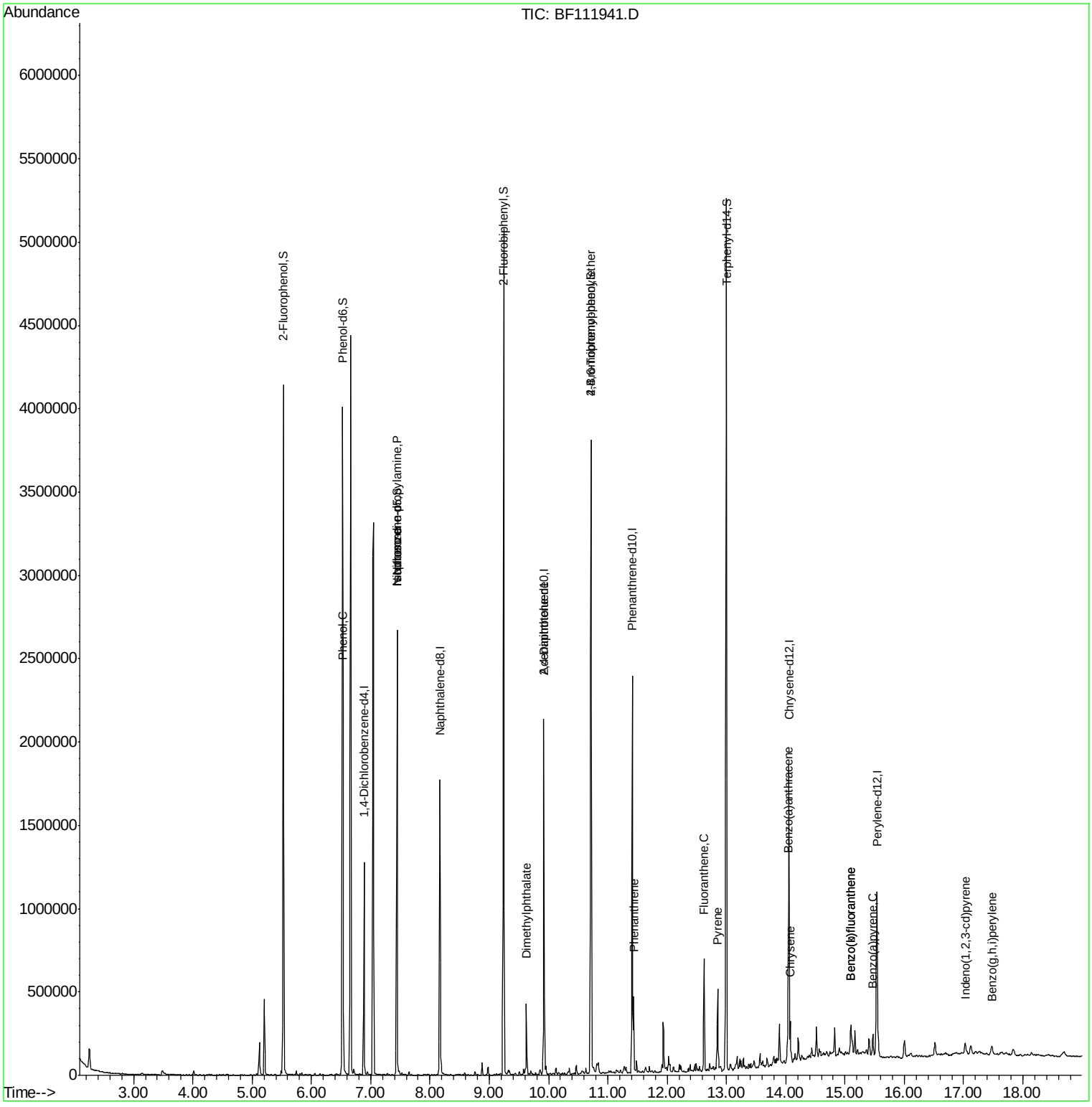
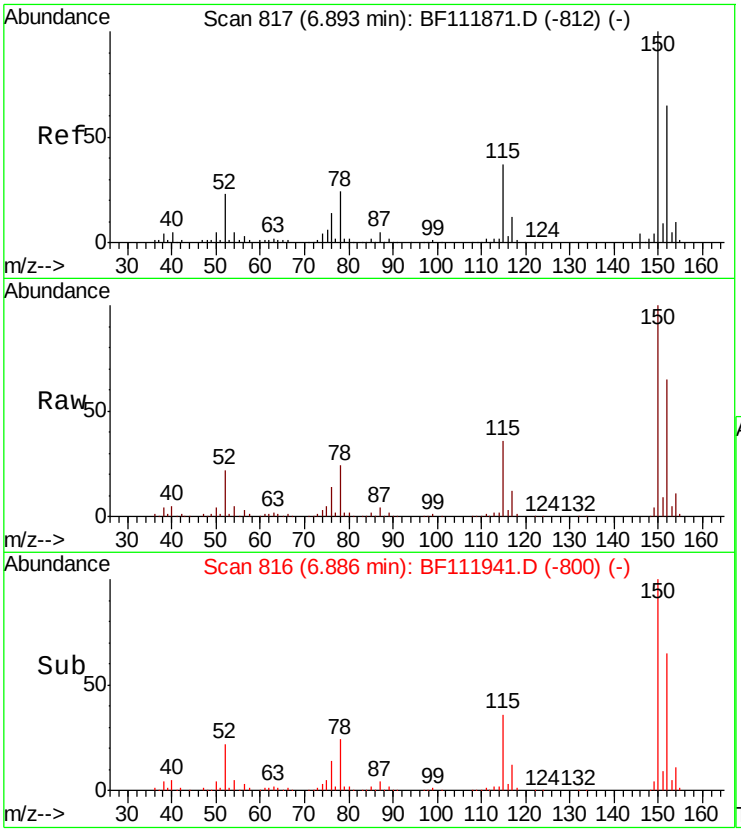


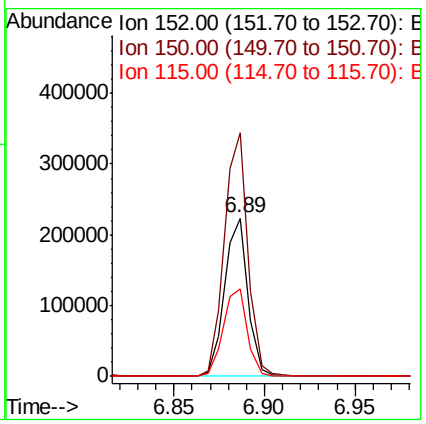


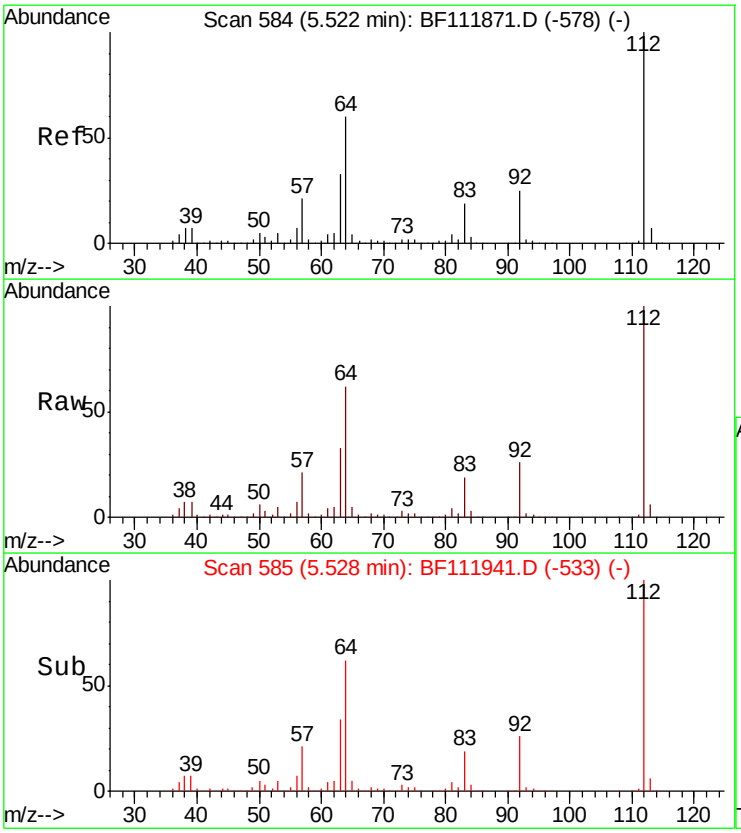
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 200018

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	55.1	45.2	67.8

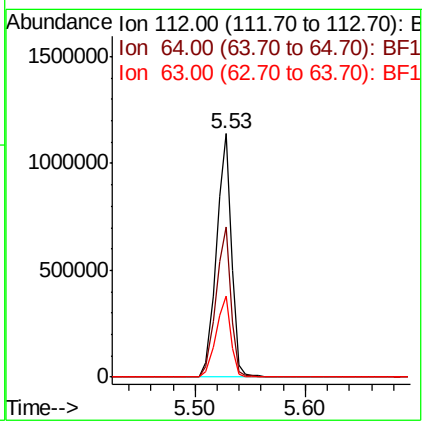


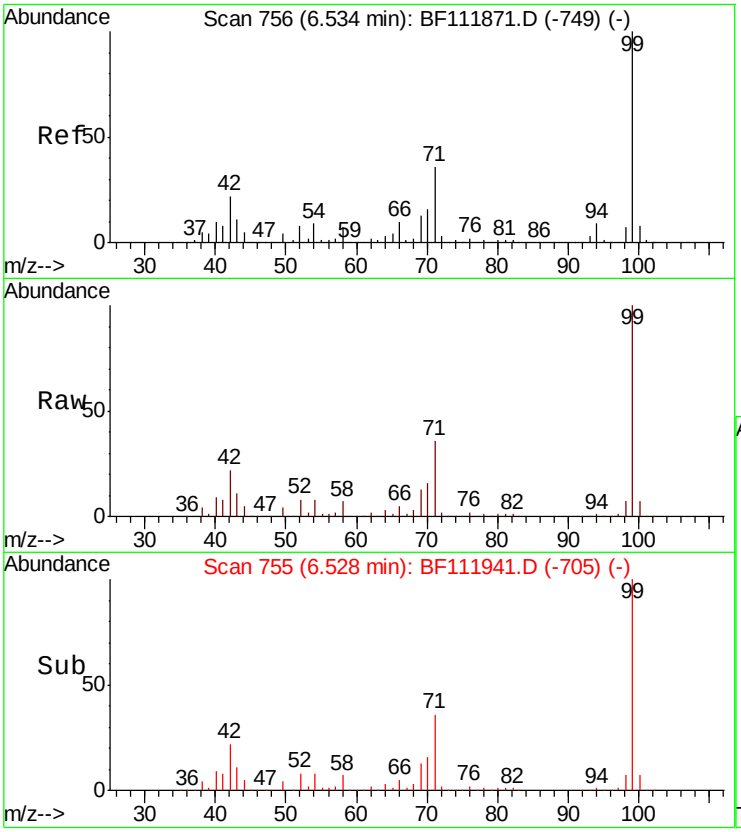


#5
2-Fluorophenol
Concen: 92.342 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:112 Resp: 1079611

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.3	72.5
63	33.5	26.1	39.1



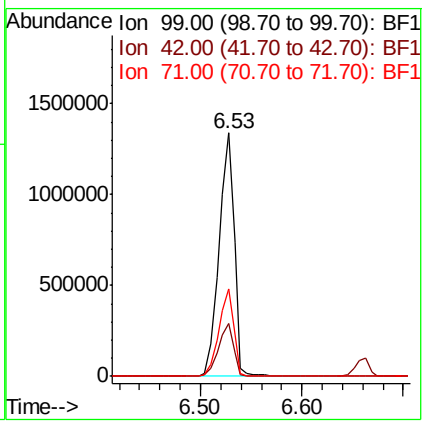


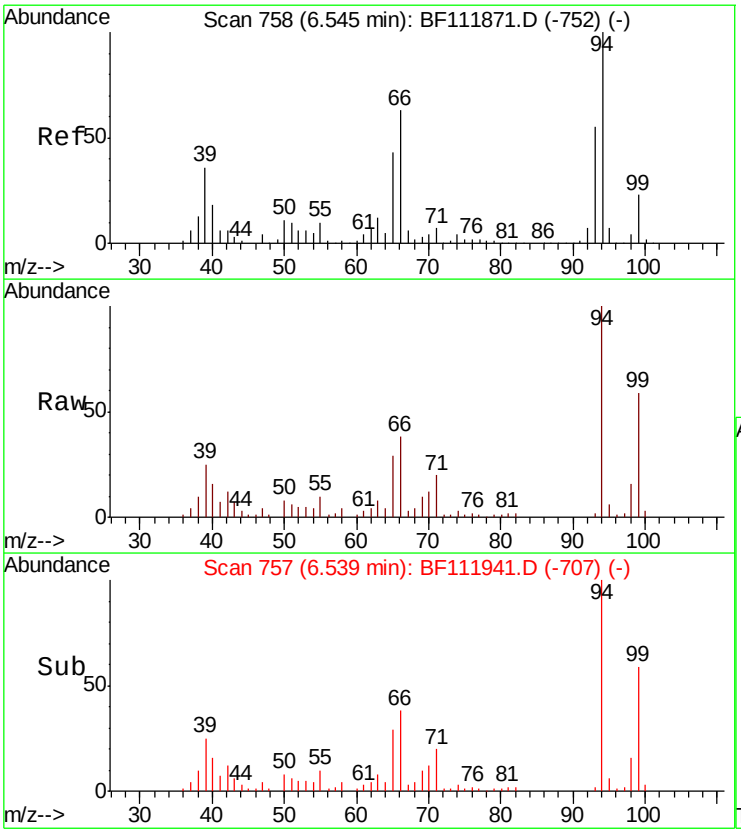
#7
Phenol-d6
Concen: 92.379 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1392045

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	35.7	28.7	43.1

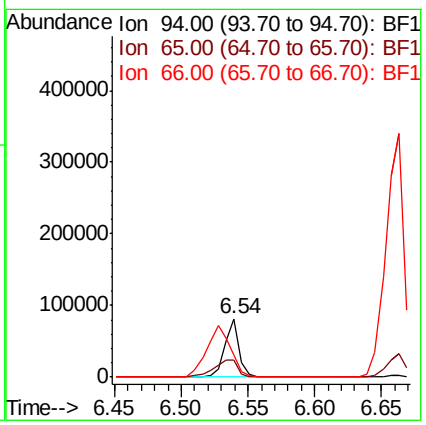


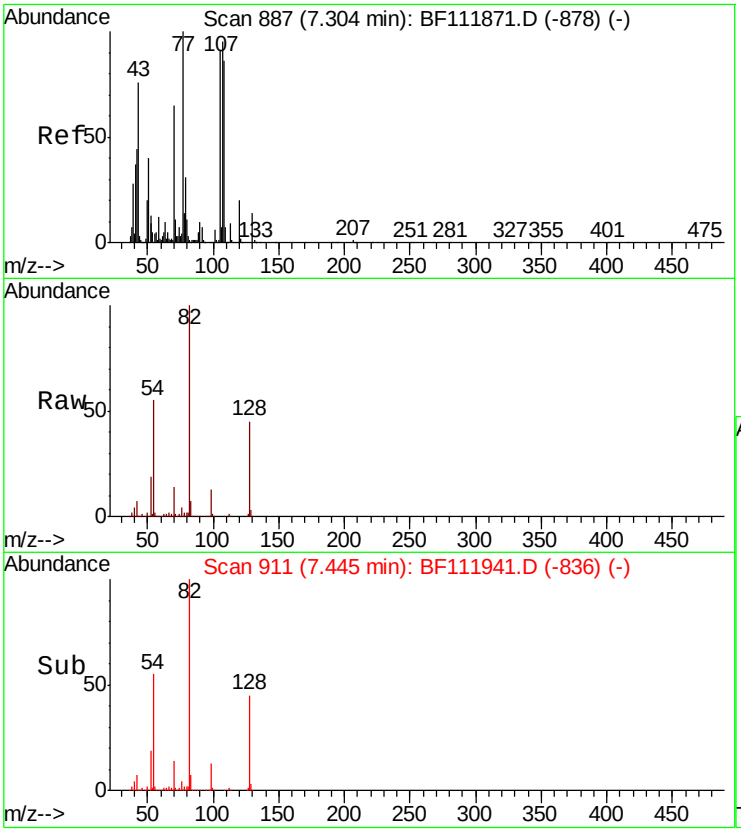


#10
Phenol
Concen: 3.733 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion: 94 Resp: 61134

Ion	Ratio	Lower	Upper
94	100		
65	29.0	22.8	62.8
66	38.0	43.3	83.3#



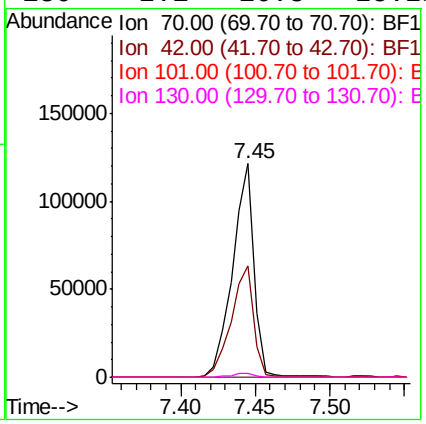


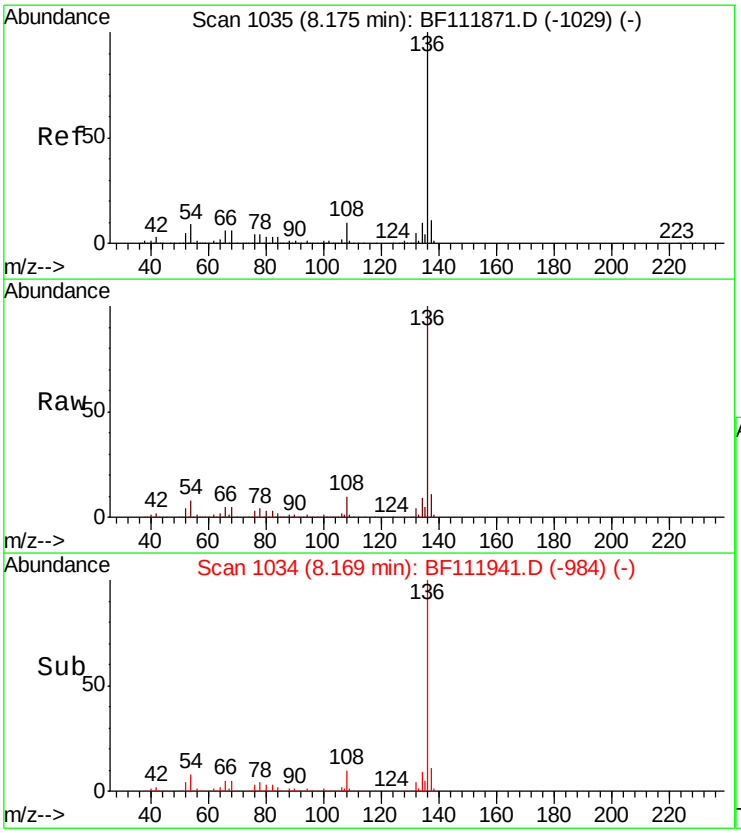
#19
n-Nitroso-di-n-propylamine
Concen: 12.526 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 122636

Ion	Ratio	Lower	Upper
70	100		
42	51.9	53.6	80.4#
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#

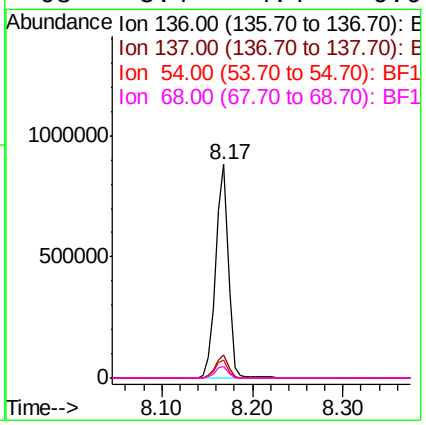


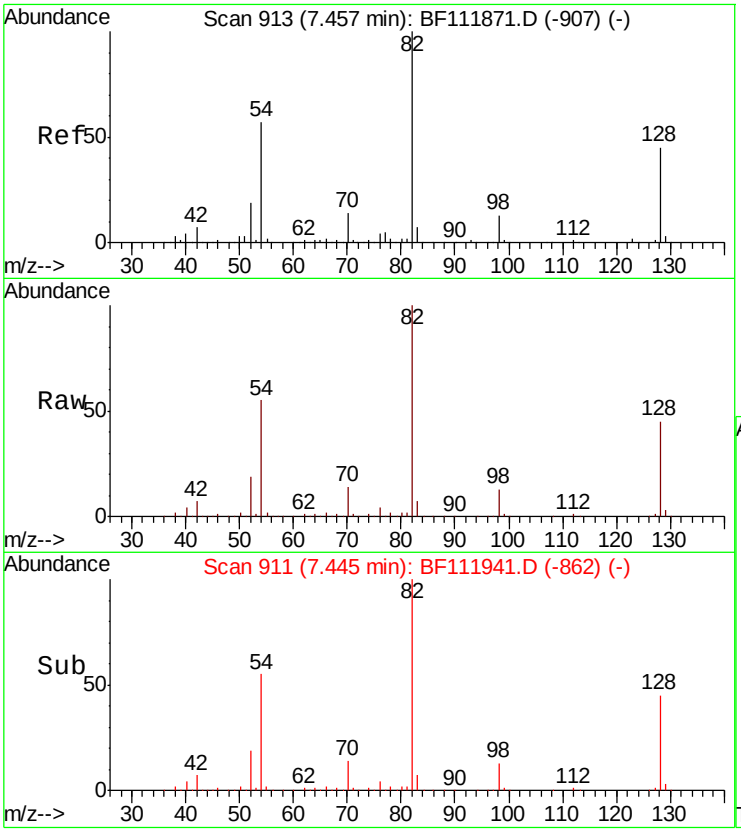


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:136 Resp: 845417

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.4	7.2	10.8
68	5.4	4.4	6.6



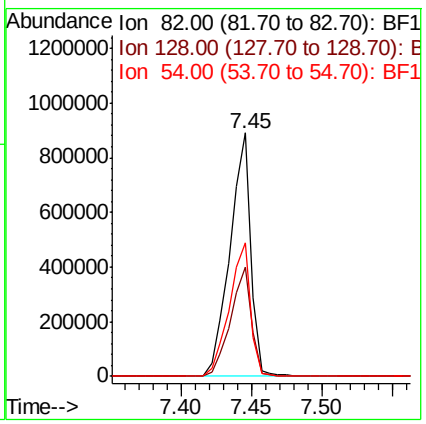


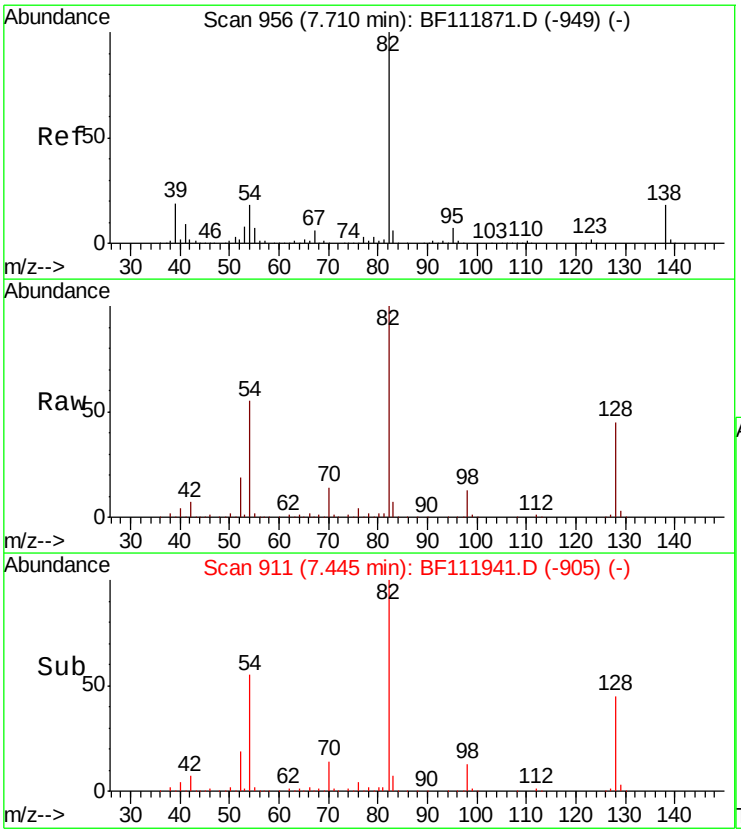
#23
Nitrobenzene-d5
Concen: 57.846 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 915024

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	54.8	45.8	68.8

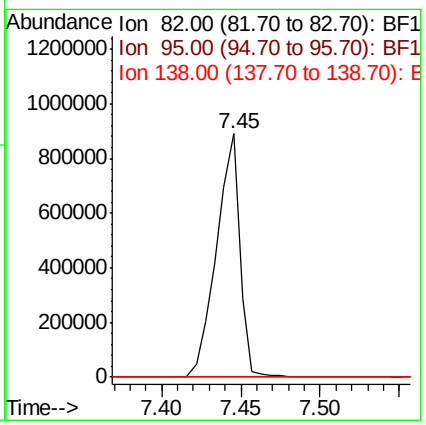


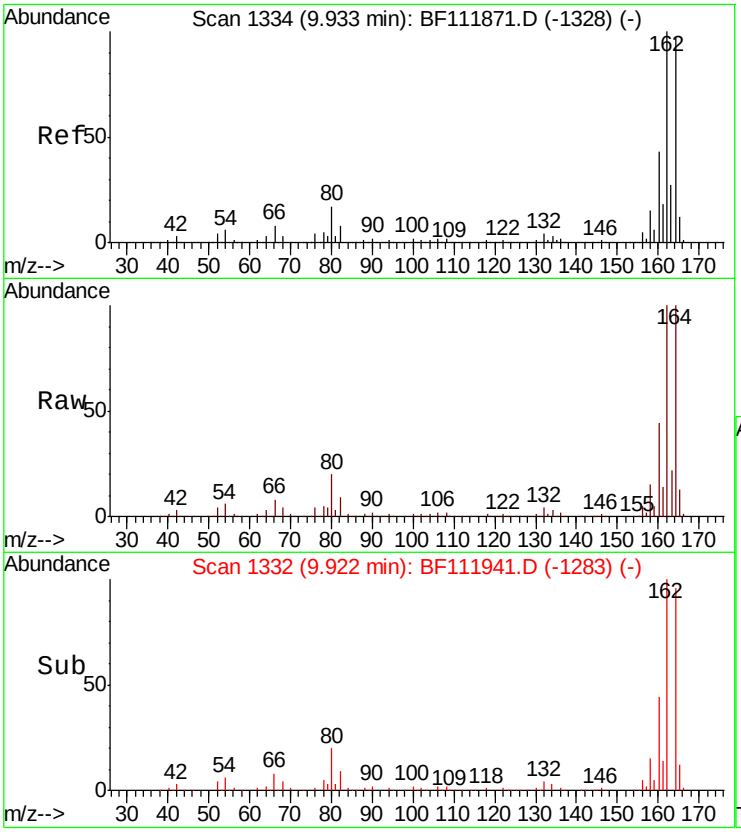


#25
Isophorone
Concen: 35.379 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion: 82 Resp: 906221

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



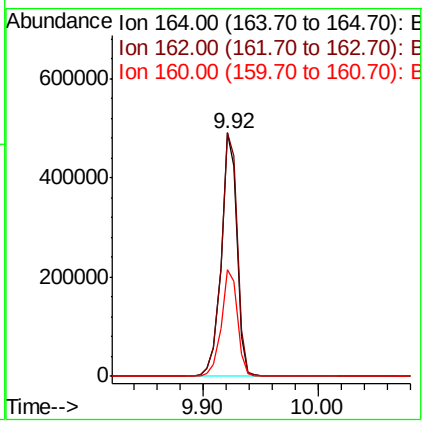


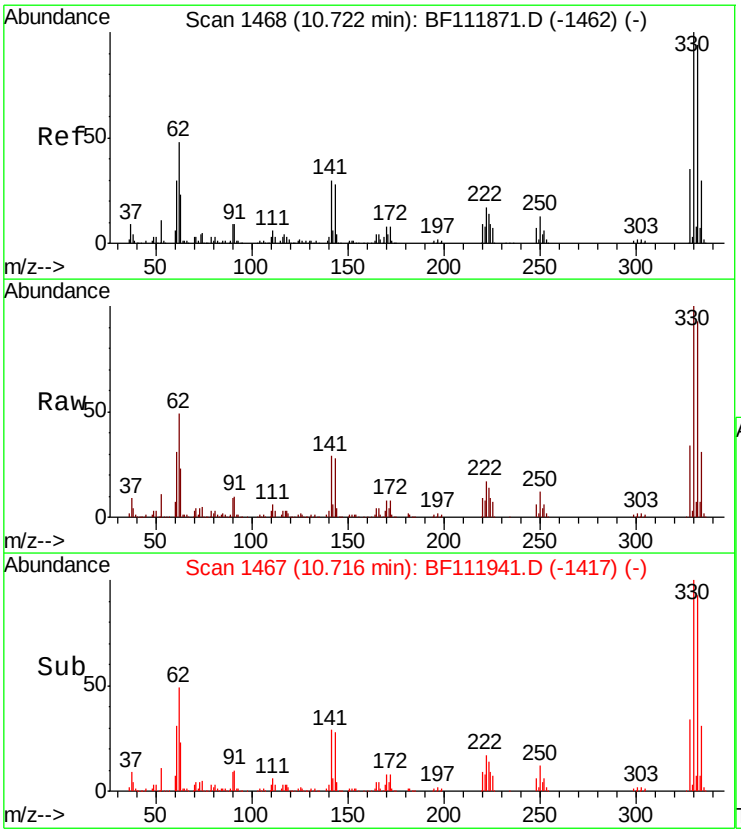
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 459827

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	43.7	35.5	53.3

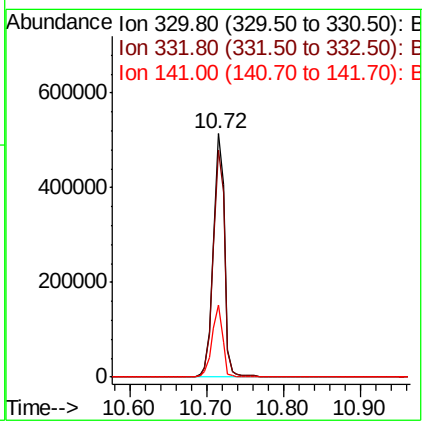


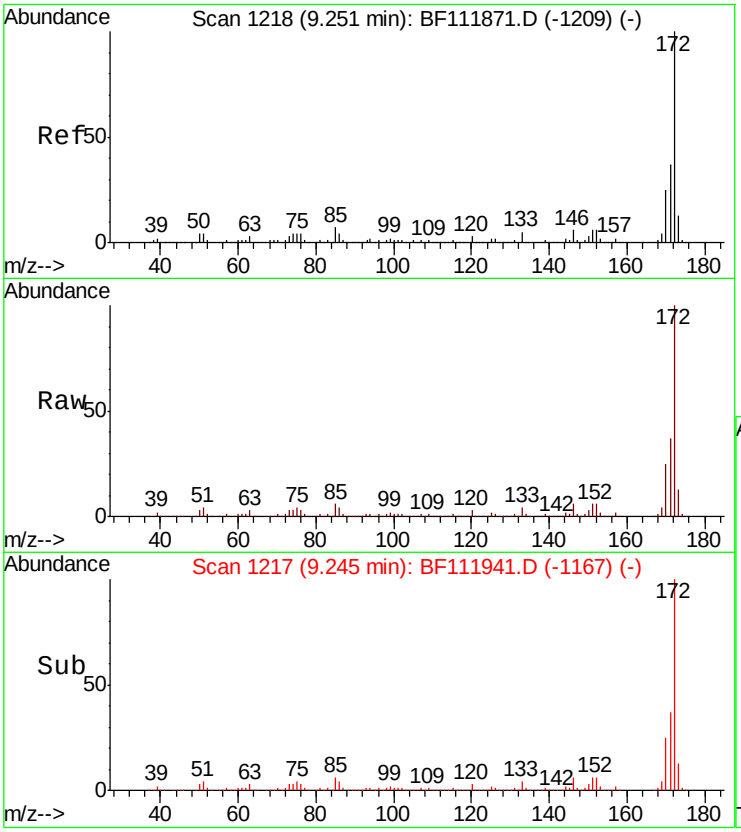


#42
2,4,6-Tribromophenol
Concen: 84.214 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:330 Resp: 503679

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	28.3	23.7	35.5



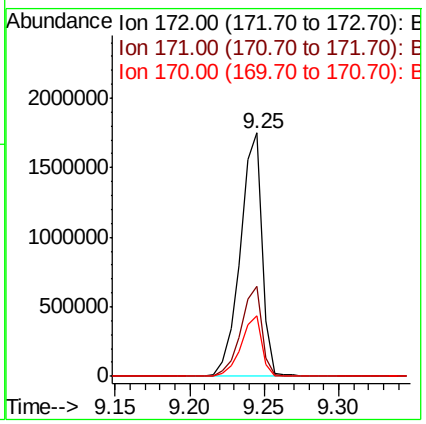


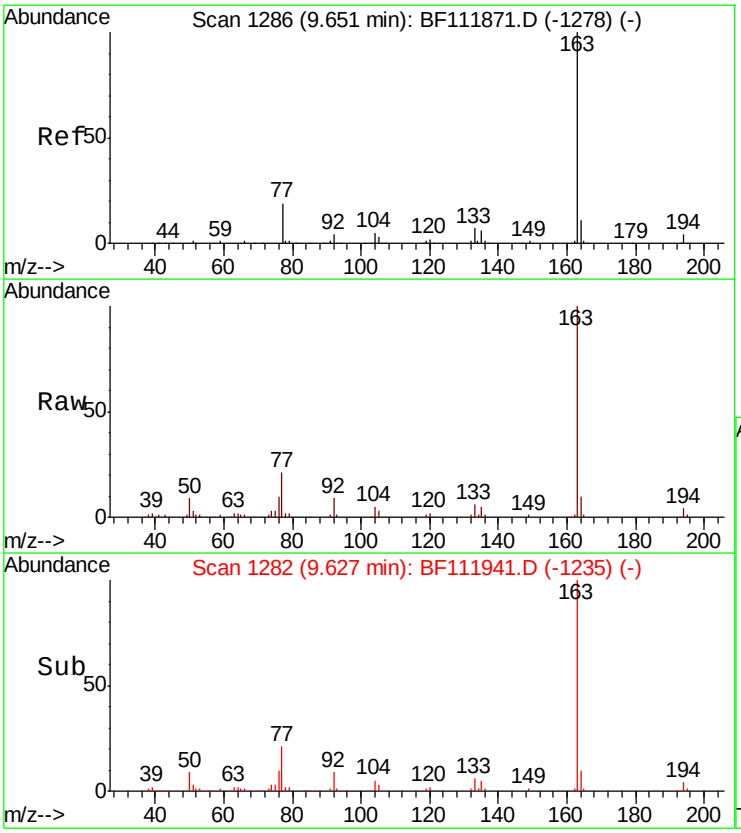
#45
2-Fluorobiphenyl
Concen: 56.184 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1771711

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.0	19.8	29.8

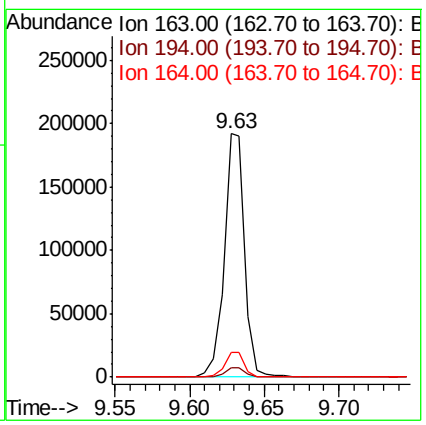


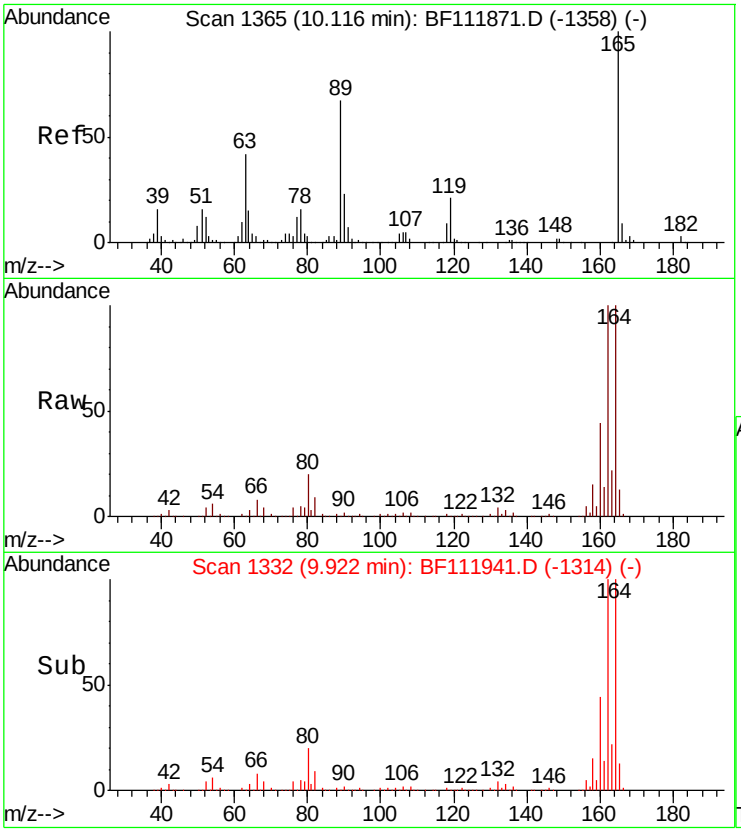


#50
Dimethylphthalate
Concen: 5.375 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:163 Resp: 185674

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.5	12.7



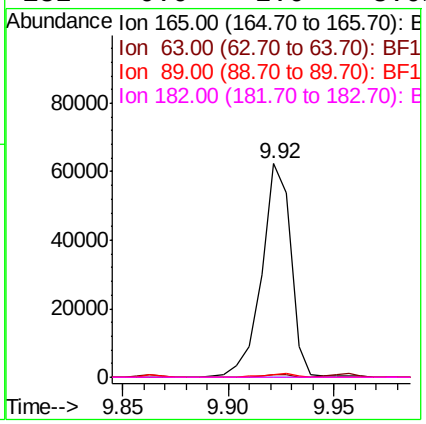


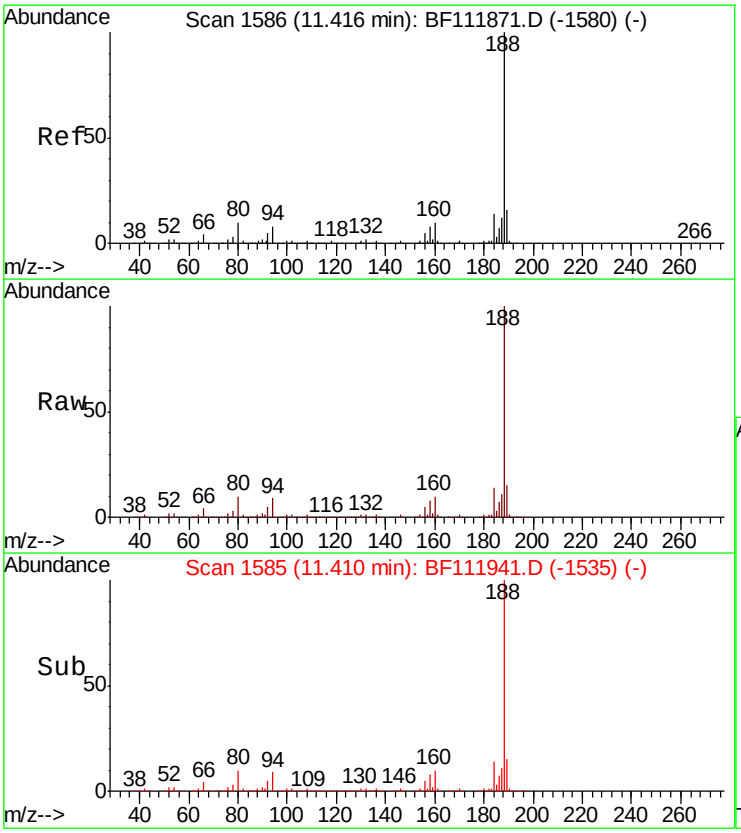
#57
2,4-Dinitrotoluene
Concen: 6.003 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 59914

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.1	51.1#
89	1.2	53.5	80.3#
182	0.0	2.0	3.0#

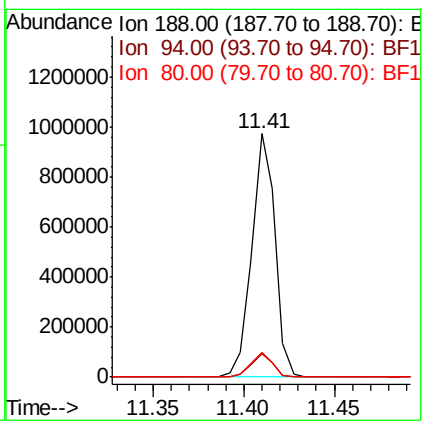


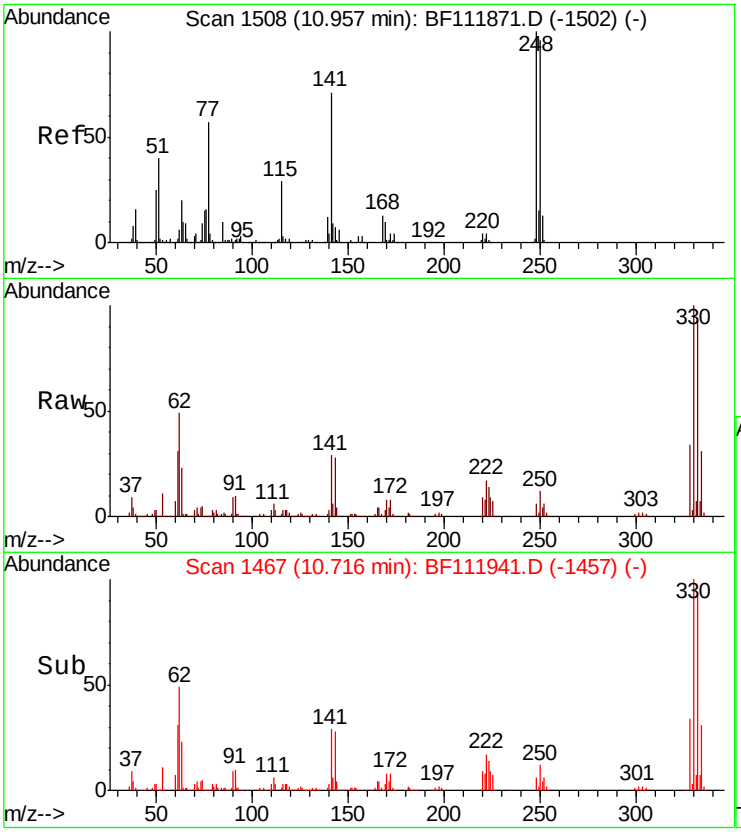


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:188 Resp: 865039

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.2	7.7	11.5



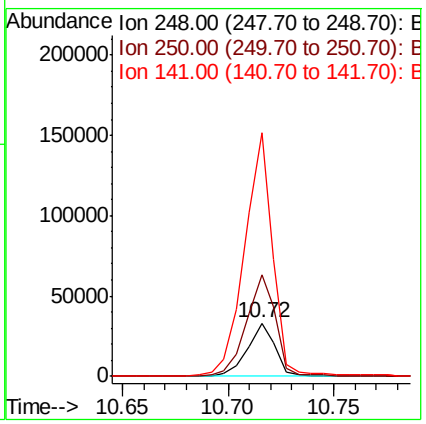


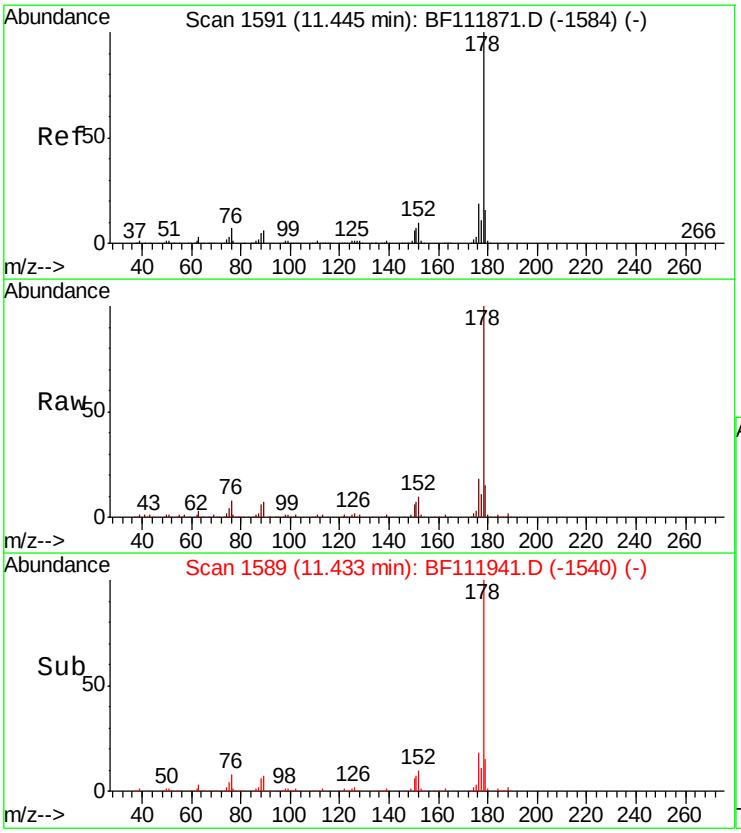
#67
4-Bromophenyl-phenylether
Concen: 2.678 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 30005

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.8	115.2#
141	460.4	57.0	85.6#

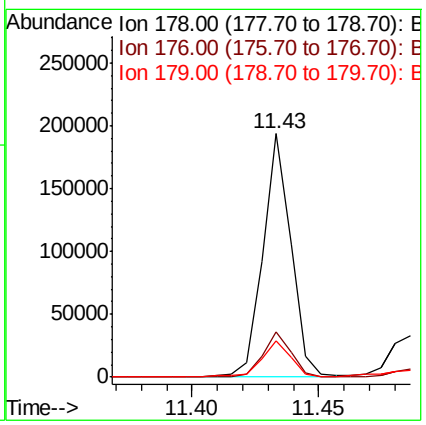


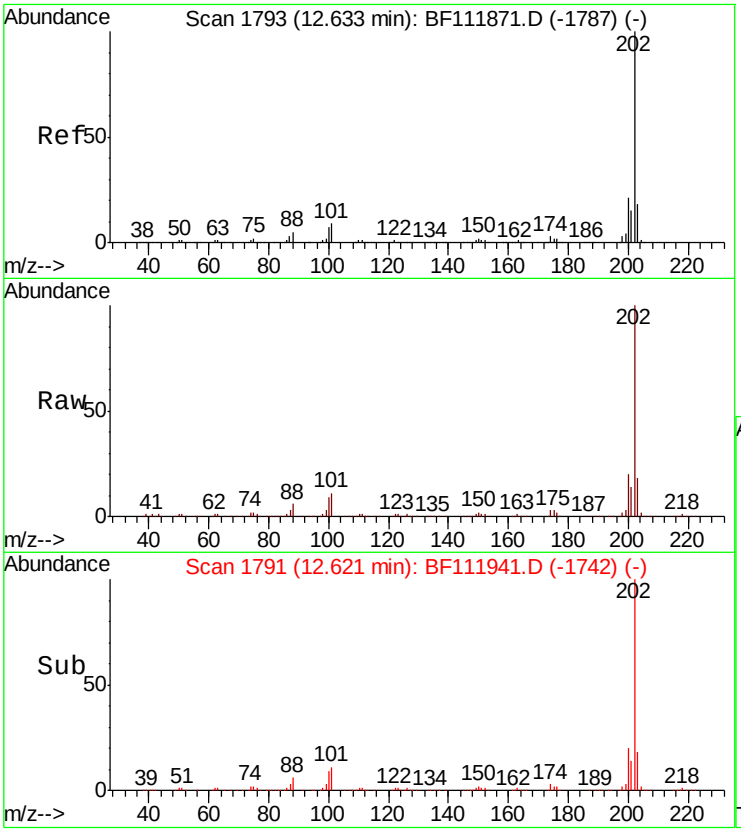


#71
Phenanthrene
Concen: 3.243 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:178 Resp: 149972

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	14.9	12.6	18.8



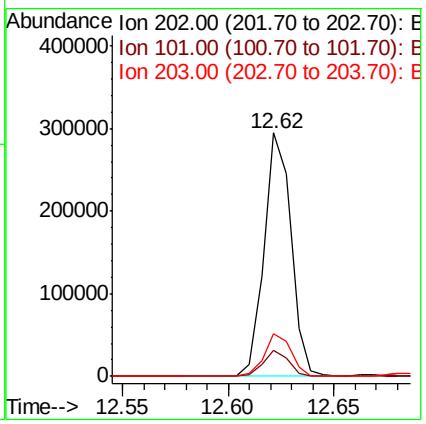


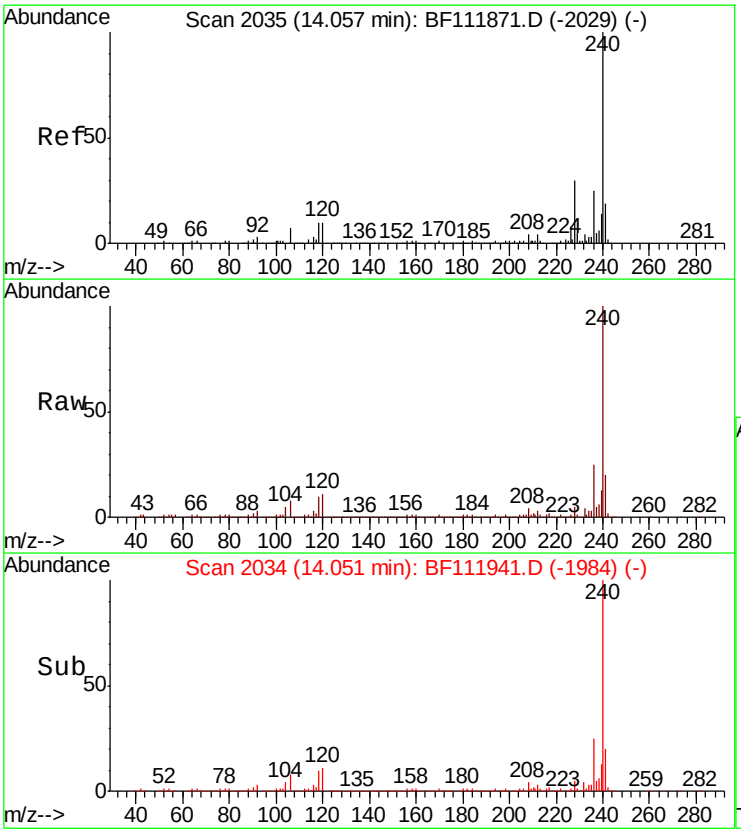
#75
Fluoranthene
Concen: 5.535 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 262791

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.3
203	17.8	0.0	37.6

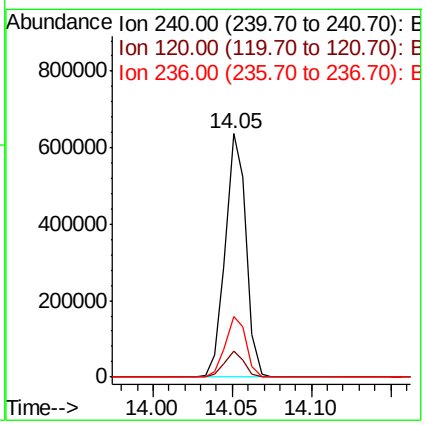


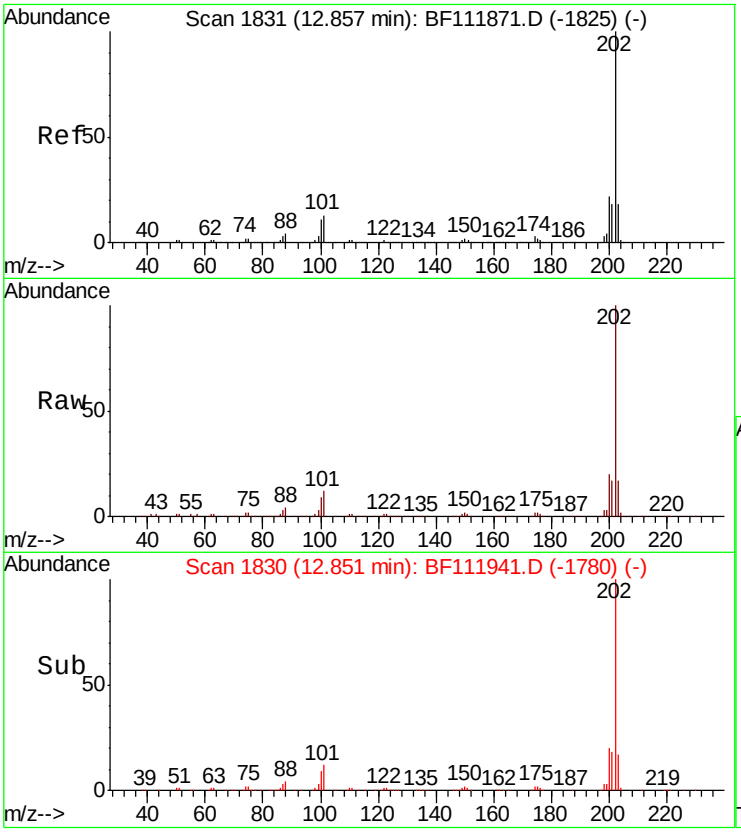


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:240 Resp: 578764

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	24.9	20.2	30.4



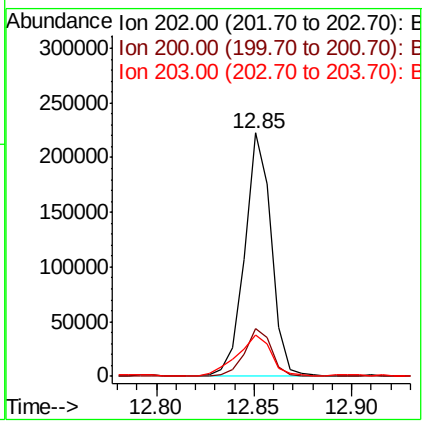


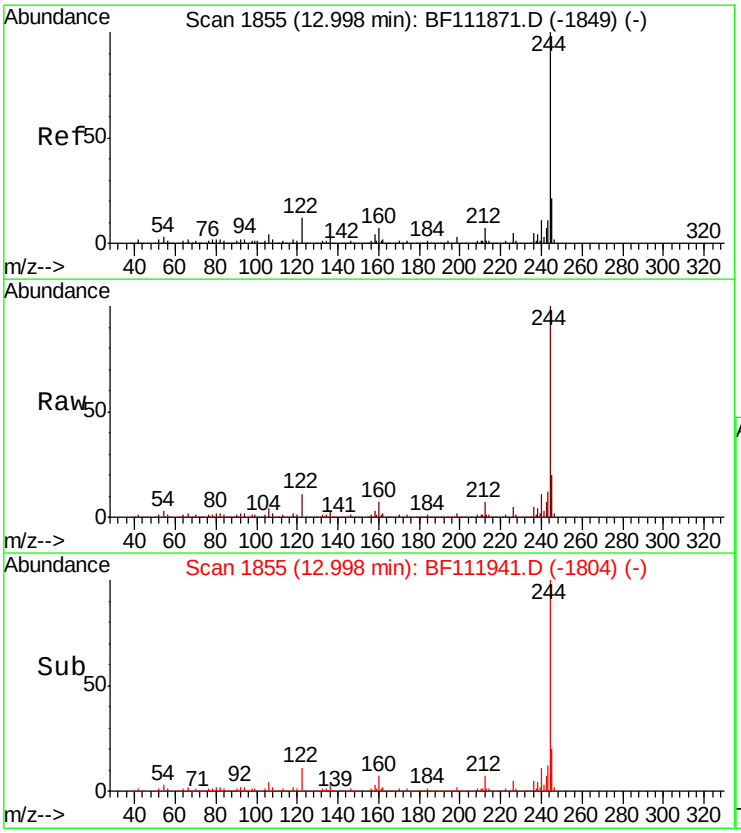
#78
Pyrene
Concen: 5.287 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 210541

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.2	14.6	21.8

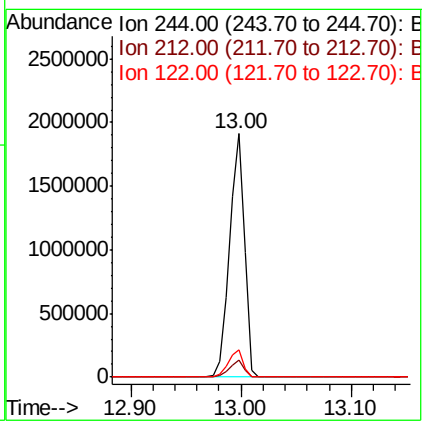


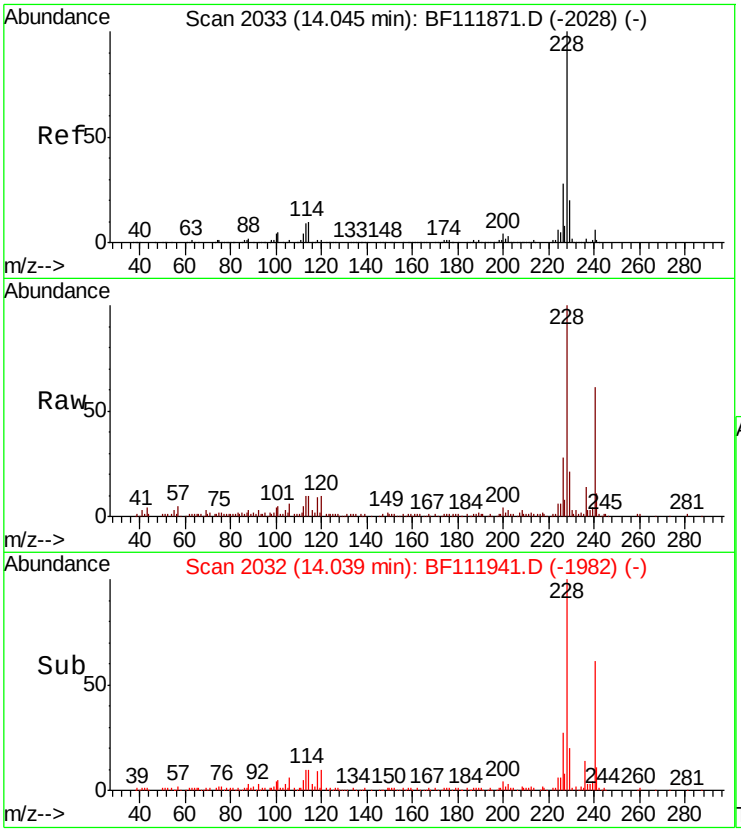


#79
Terphenyl-d14
Concen: 59.539 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:244 Resp: 1815336

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.1	9.5	14.3



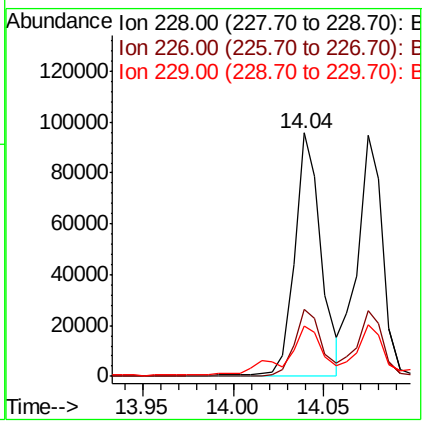


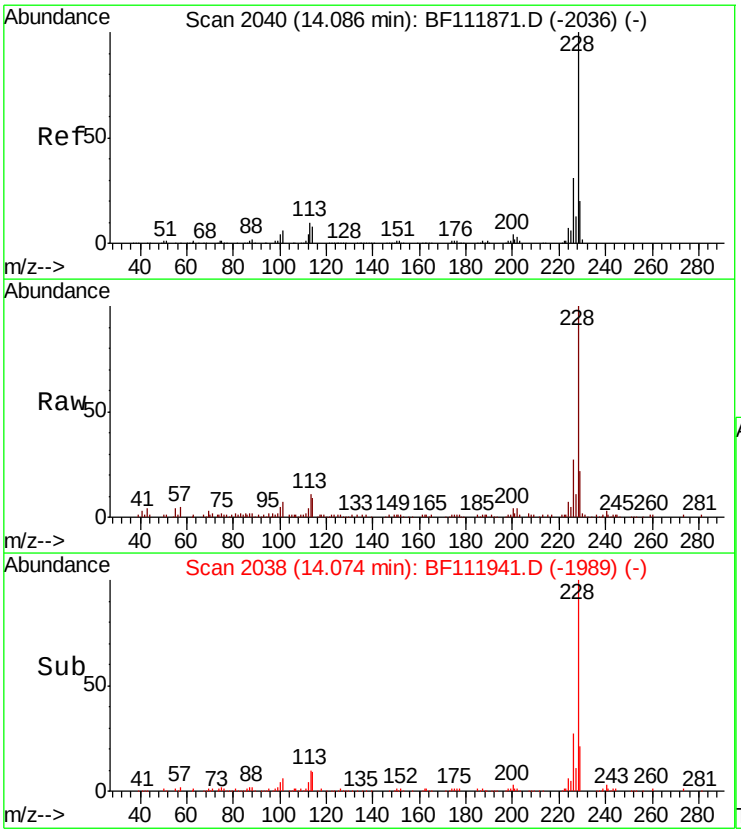
#81
Benzo(a)anthracene
Concen: 2.973 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 99025

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.6	16.2	24.2

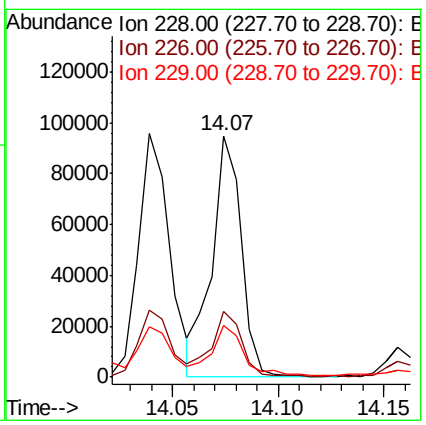


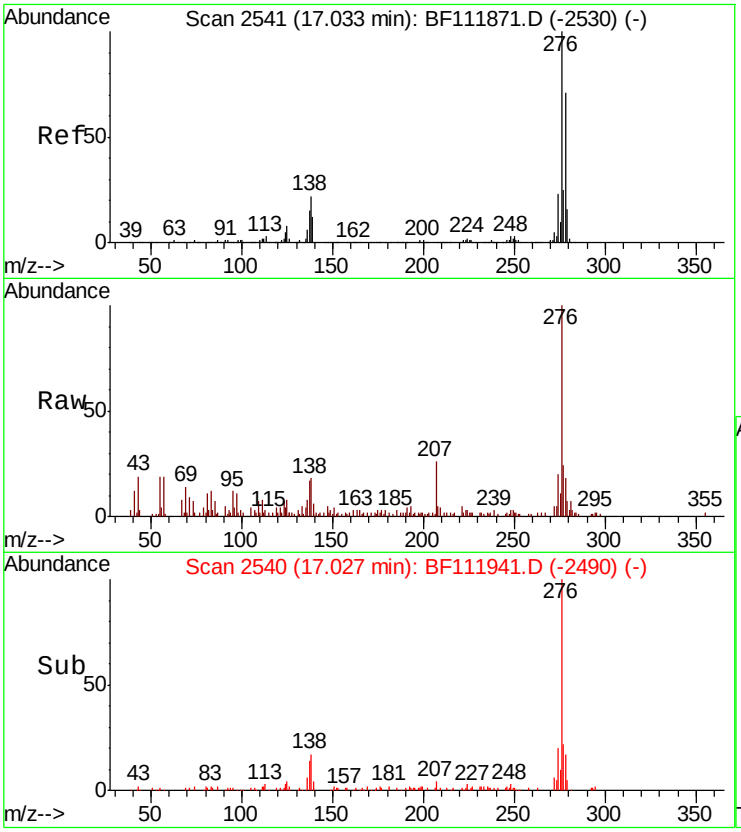


#83
Chrysene
Concen: 2.914 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:228 Resp: 92559

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.6	37.0
229	21.7	15.7	23.5



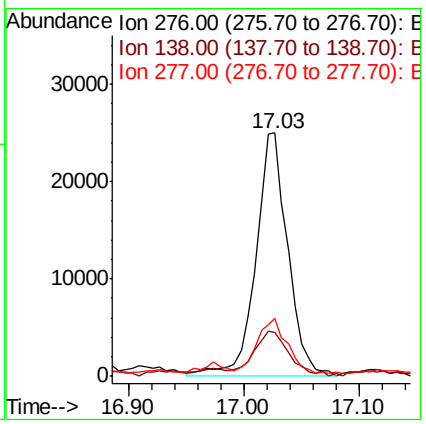


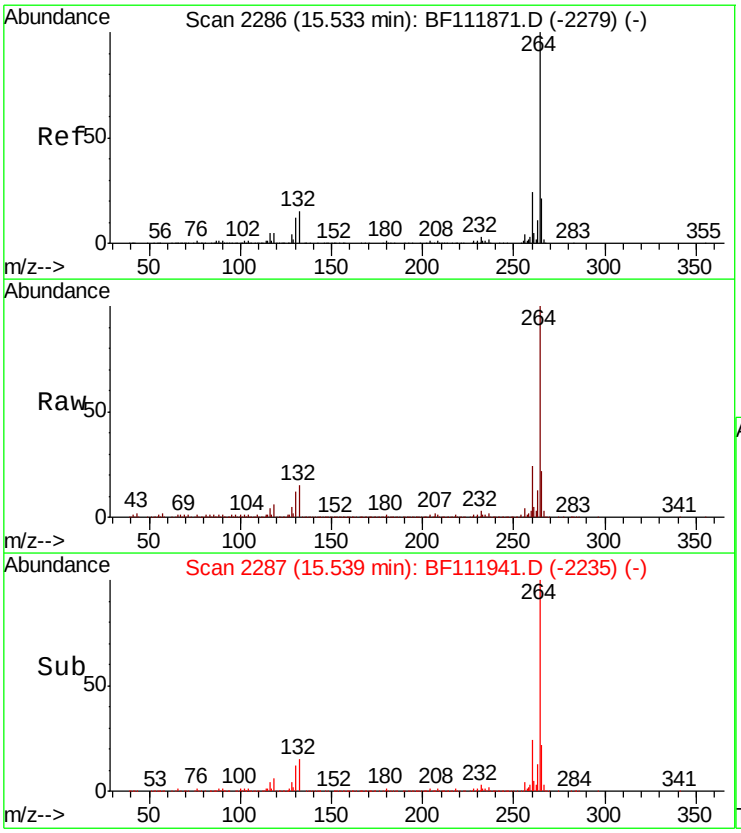
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.100 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48622

Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.1	27.1
277	21.1	19.9	29.9

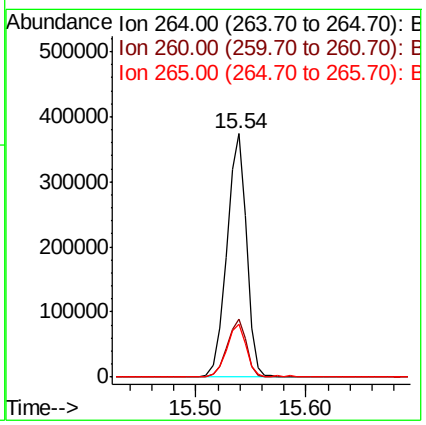


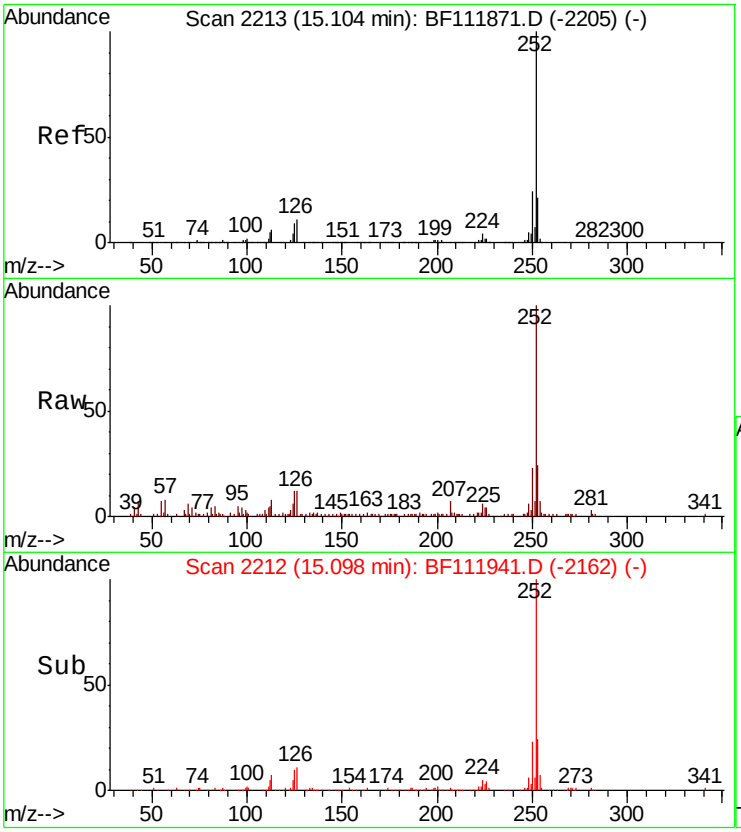


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:264 Resp: 467990

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.1	25.7



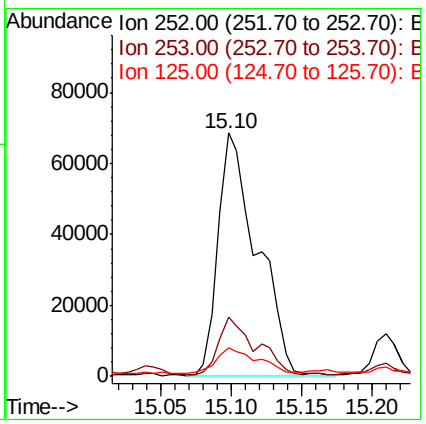


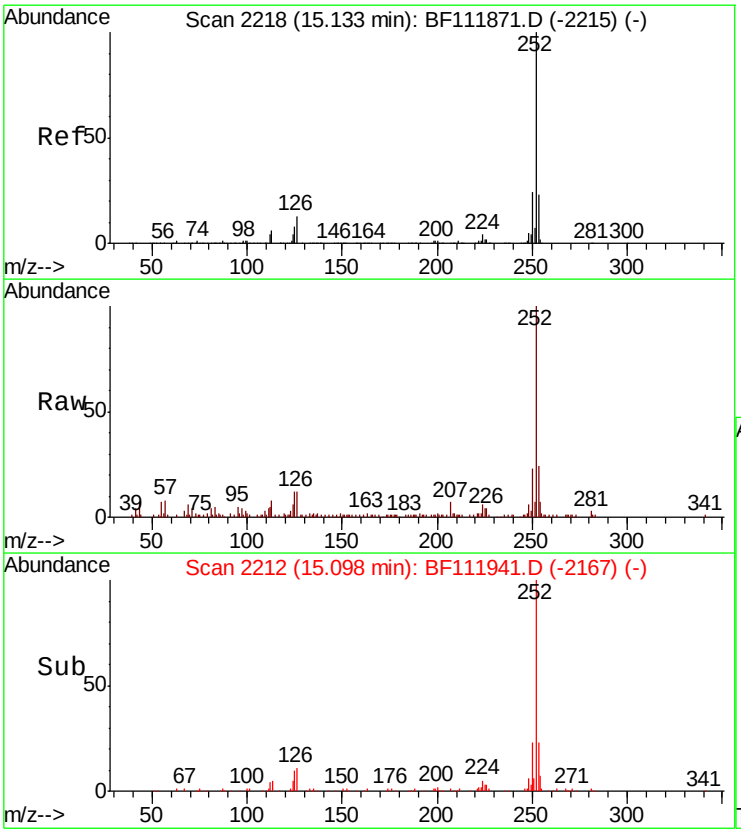
#88
Benzo(b)fluoranthene
Concen: 4.760 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133262

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	11.6	7.1	10.7#

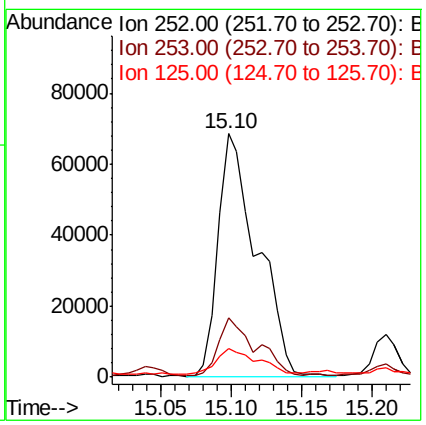


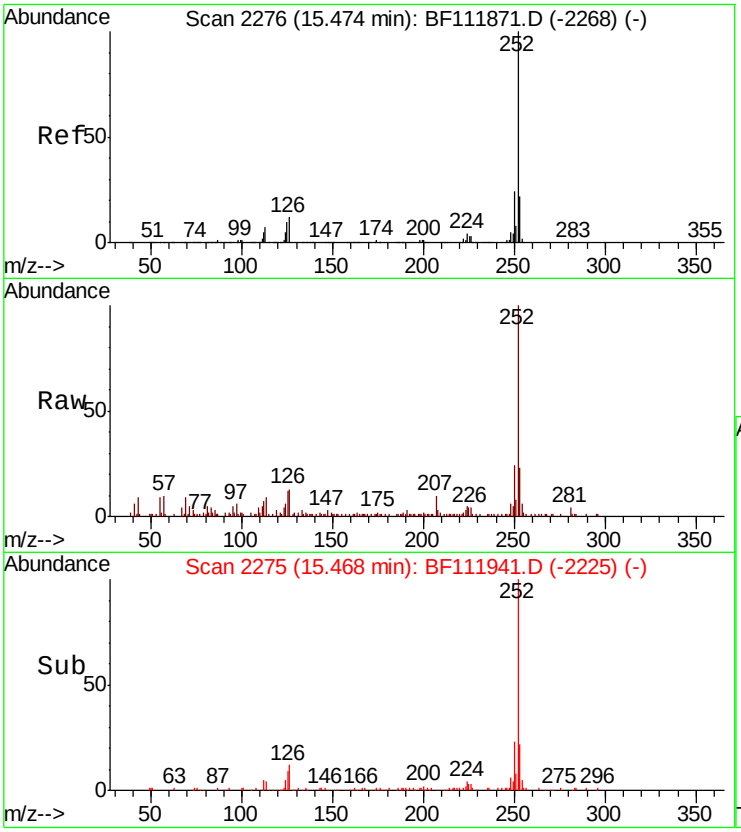


#89
Benzo(k)fluoranthene
Concen: 5.064 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:252 Resp: 133262

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	11.6	7.0	10.4#



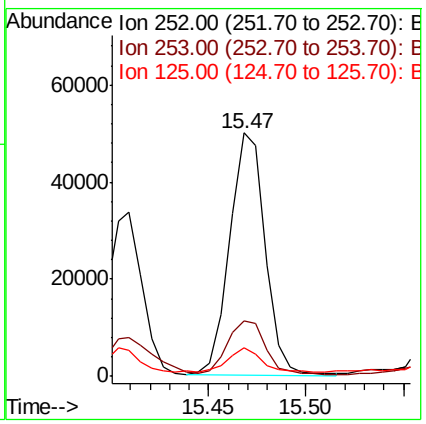


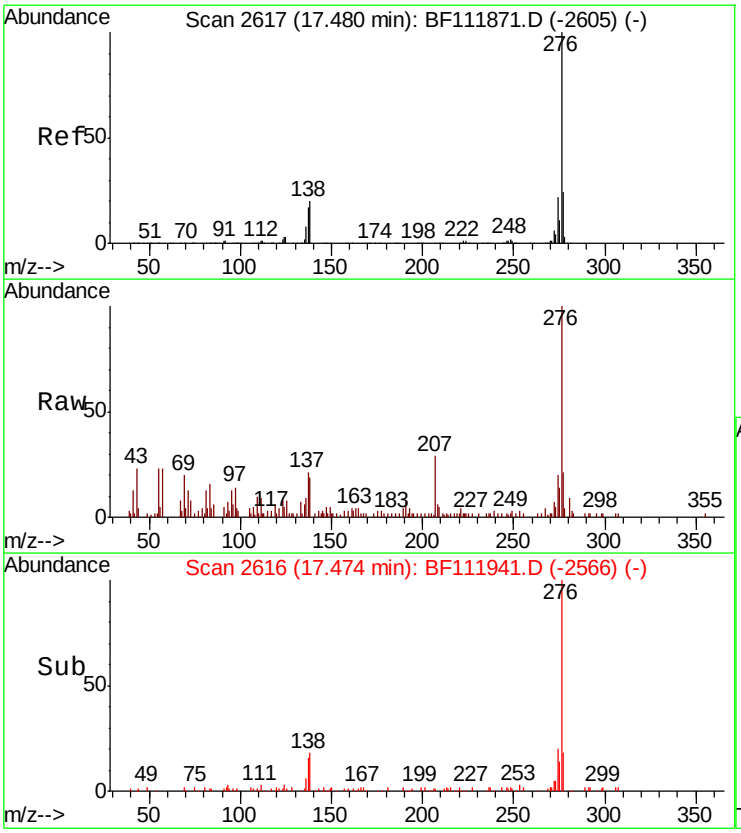
#90
Benzo(a)pyrene
Concen: 2.556 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 62911

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.8	7.9	11.9





#92
Benzo(g,h,i)perylene
Concen: 2.259 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion:276 Resp: 43748

Ion	Ratio	Lower	Upper
276	100		
277	21.0	19.0	28.6
138	19.4	16.2	24.2