Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113728.D
Acq On : 11 Apr 2019 19:00
Operator : JU/SJ
Sample : K2343-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 01:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	120816	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	467710	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	224547	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	455593	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	341667	20.00	ng		-0.02
87) Perylene-d12	15.23	264	327079	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	798796	112.74	ng		-0.01
7) Phenol-d6	6.33	99	1041895	119.31	ng		-0.01
23) Nitrobenzene-d5	7.24	82	608546	76.21	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	265323	98.36	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1174343	84.19	ng		-0.02
79) Terphenyl-d14	12.76	244	1217577	72.56	ng		-0.03
Target Compounds							Qvalue
6) Aniline	6.45	93	995	0.094	ng	#	1
9) Benzaldehyde	6.33	77	1130	0.218	ng	#	1
10) Phenol	6.34	94	5048	0.506	ng	#	1
11) bis(2-Chloroethyl)ether	6.45	93	995	0.128	ng	#	1
15) Benzyl Alcohol	6.83	79	9170	1.553	ng	#	45
19) n-Nitroso-di-n-propylamine	7.24	70	76496	14.206	ng	#	77
24) Nitrobenzene	7.24	77	1316	0.160	ng	#	34
25) Isophorone	7.24	82	608542	39.563	ng	#	64
31) Naphthalene	7.97	128	2240	0.099	ng	#	68
37) 2-Methylnaphthalene	8.69	142	1843	0.124	ng		87
38) 1-Methylnaphthalene	8.78	142	2383	0.166	ng	#	88
46) 1,1'-Biphenyl	9.13	154	2606	0.141	ng		81
47) 2-Chloronaphthalene	9.43	162	344	0.025	ng	#	1
48) 2-Nitroaniline	9.43	65	603	0.140	ng	#	1
49) Acenaphthylene	9.57	152	2164	0.095	ng		98
50) Dimethylphthalate	9.43	163	106150	6.413	ng		100
51) 2,6-Dinitrotoluene	9.43	165	935	0.256	ng	#	1
52) Acenaphthene	9.73	154	5057	0.387	ng		97
55) Dibenzofuran	9.93	168	9009	0.470	ng	#	95
56) 4-Nitrophenol	9.93	139	2945	1.144	ng	#	7
57) 2,4-Dinitrotoluene	9.70	165	28509	6.461	ng	#	23
58) Fluorene	10.26	166	6109	0.403	ng		99
60) Diethylphthalate	10.13	149	285	0.018	ng	#	59
63) Azobenzene	10.49	77	952	0.063	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.49	198	185	0.077	ng	#	1
66) n-Nitrosodiphenylamine	10.49	169	7235	0.517	ng	#	39
67) 4-Bromophenyl-phenylether	10.49	248	14967	2.929	ng	#	1
71) Phenanthrene	11.21	178	102943	4.547	ng		97
72) Anthracene	11.27	178	24979	1.084	ng		97
73) Carbazole	11.46	167	4497	0.209	ng	#	97
74) Di-n-butylphthalate	11.75	149	1190	0.046	ng	#	78
75) Fluoranthene	12.40	202	137731	5.678	ng		99
77) Benzidine	12.76	184	14018	1.103	ng	#	95
78) Pyrene	12.63	202	120789	4.646	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
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Acq On : 11 Apr 2019 19:00
Operator : JU/SJ
Sample : K2343-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 01:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Butylbenzylphthalate	13.48	149	114	0.011	ng	#	25
81) Benzo(a)anthracene	13.81	228	54974	2.789	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	113	0.015	ng	#	14
83) Chrysene	13.85	228	48333	2.419	ng		99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1541	0.120	ng	#	98
85) Di-n-octyl phthalate	14.41	149	251	0.012	ng	#	77
86) Indeno(1,2,3-cd)pyrene	16.60	276	40255	2.182	ng		96
88) Benzo(b)fluoranthene	14.84	252	90783	4.534	ng		96
89) Benzo(k)fluoranthene	14.84	252	90783	5.052	ng	#	97
90) Benzo(a)pyrene	15.17	252	50521	2.840	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	7683	0.462	ng		95
92) Benzo(g,h,i)perylene	17.01	276	38957	2.294	ng		95

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

Quantitation Report (Not Reviewed)

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Instrument :
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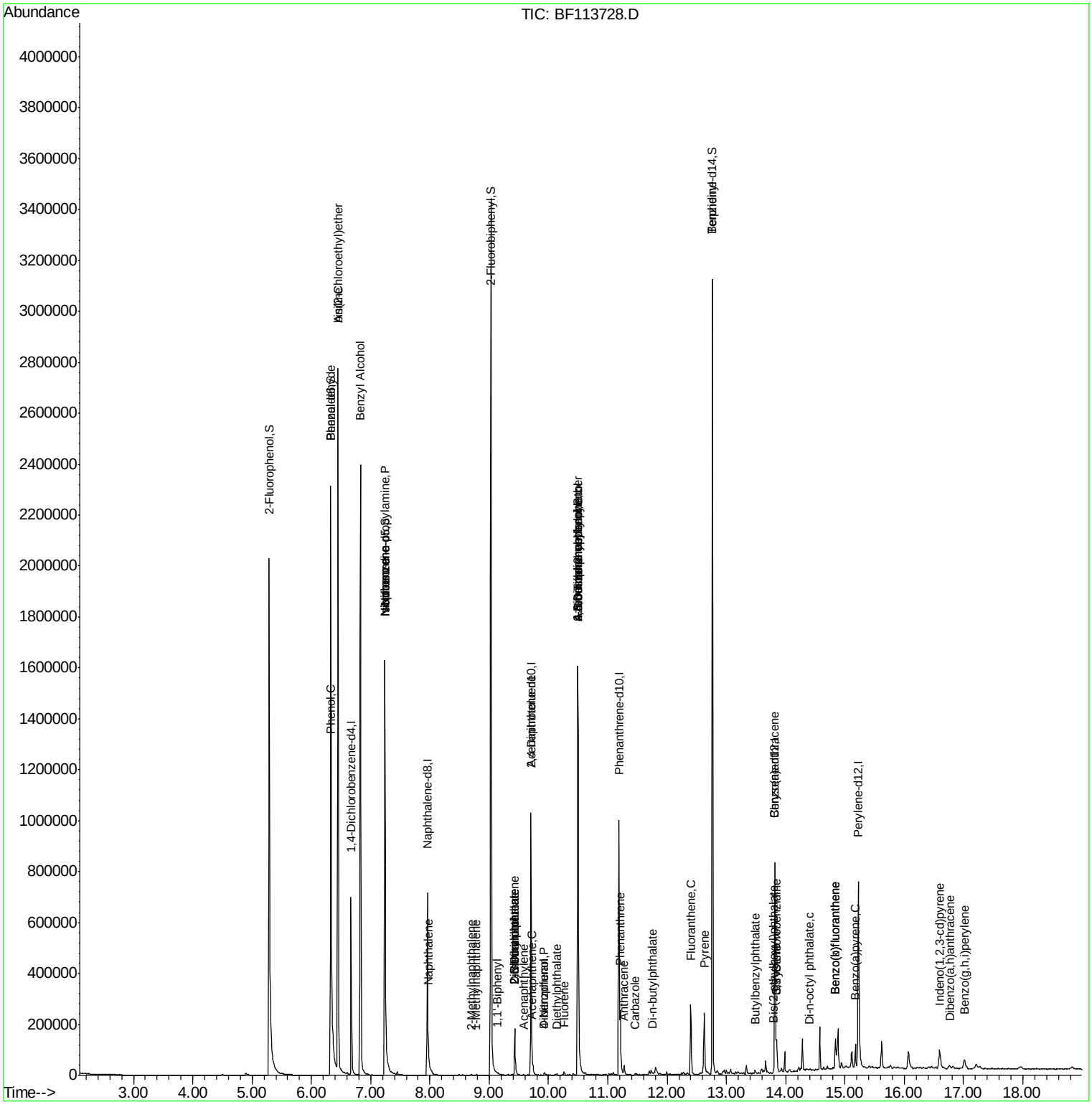
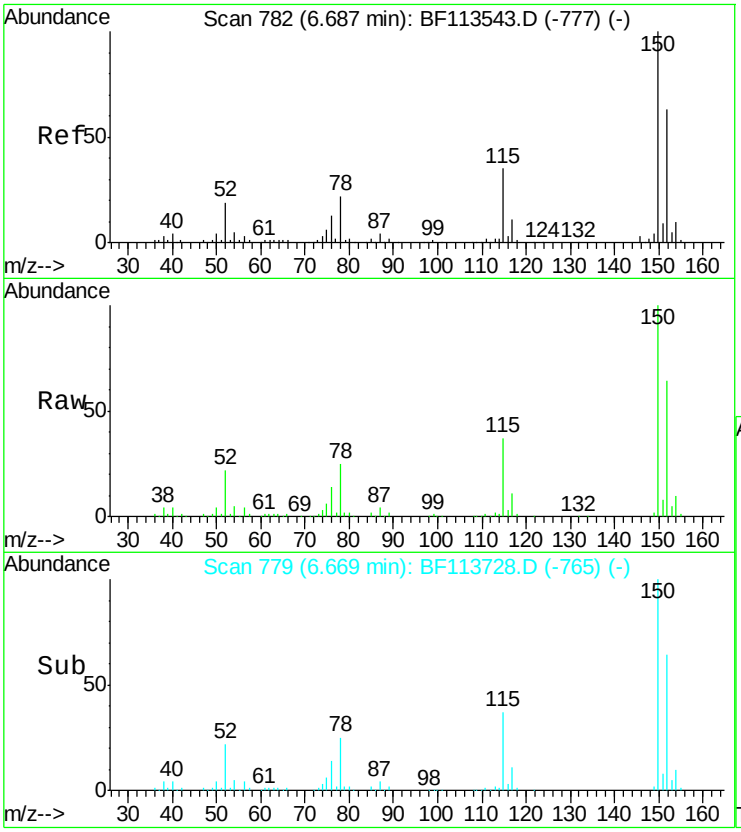


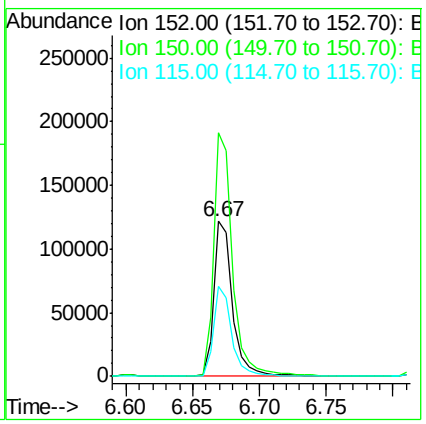


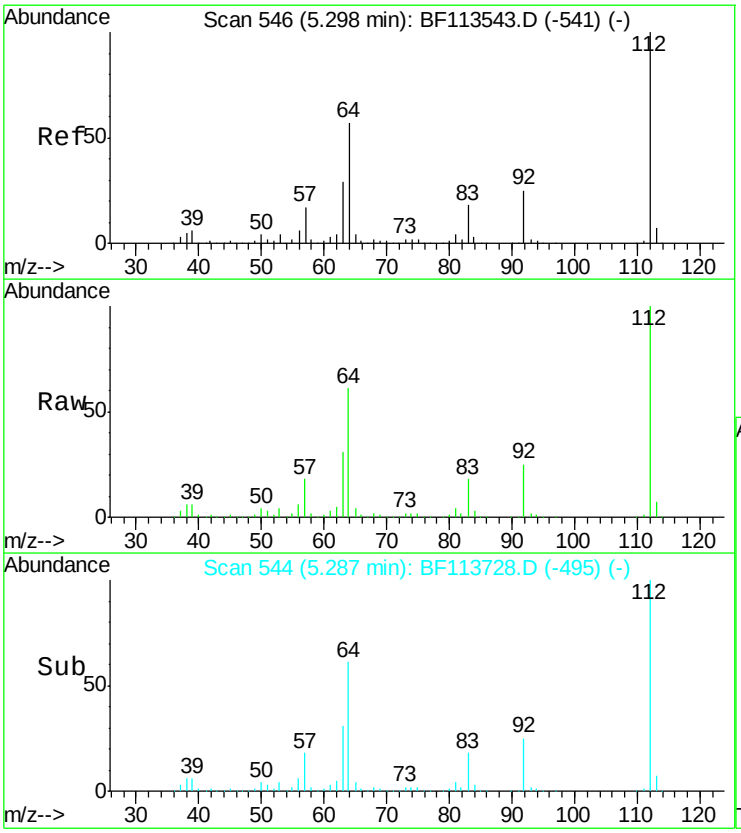
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120816

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	58.3	46.0	69.0

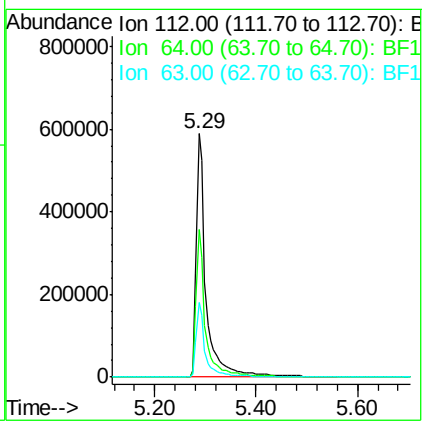


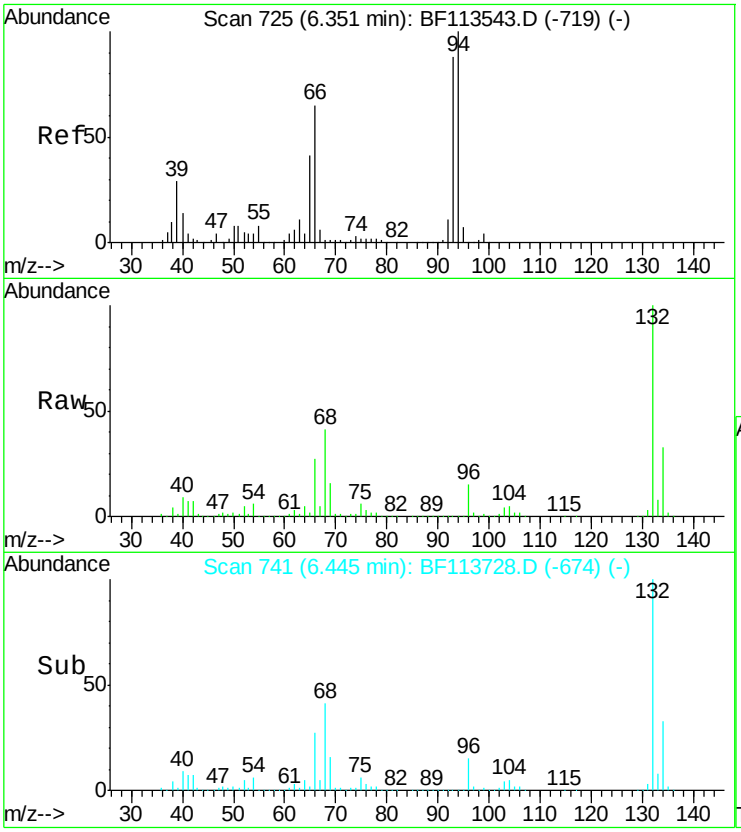


#5
2-Fluorophenol
Concen: 112.744 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:112 Resp: 798796

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.2	73.8
63	30.7	24.9	37.3



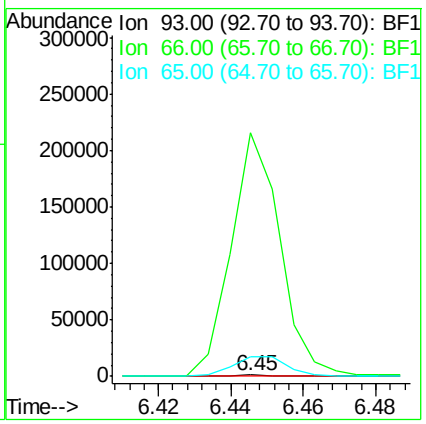


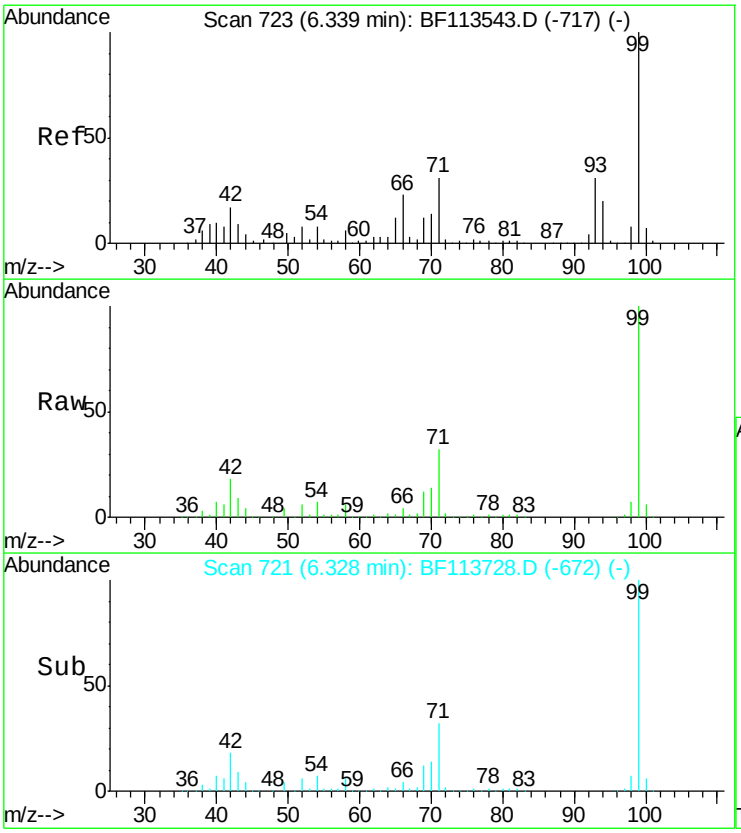
#6
Aniline
Concen: 0.094 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.09 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 995

Ion	Ratio	Lower	Upper
93	100		
66	17819.5	62.1	93.1#
65	1453.2	38.7	58.1#

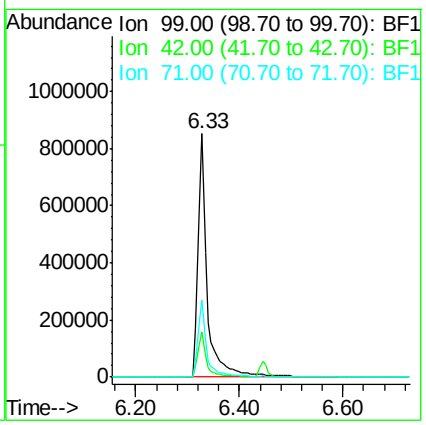


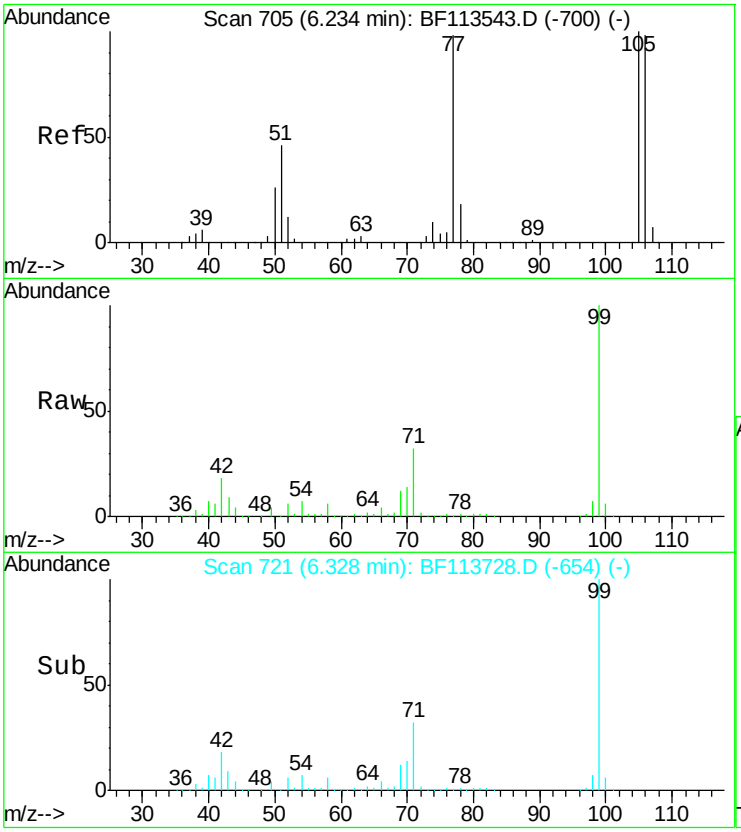


#7
Phenol-d6
Concen: 119.315 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 99 Resp: 1041895

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	31.5	24.9	37.3



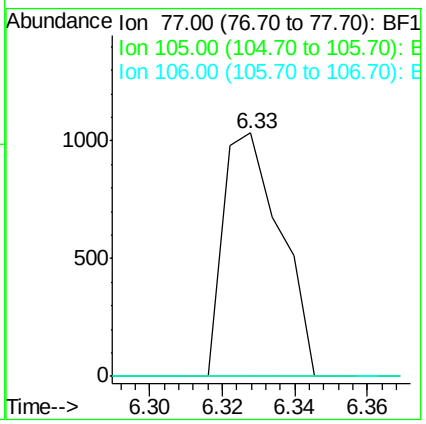


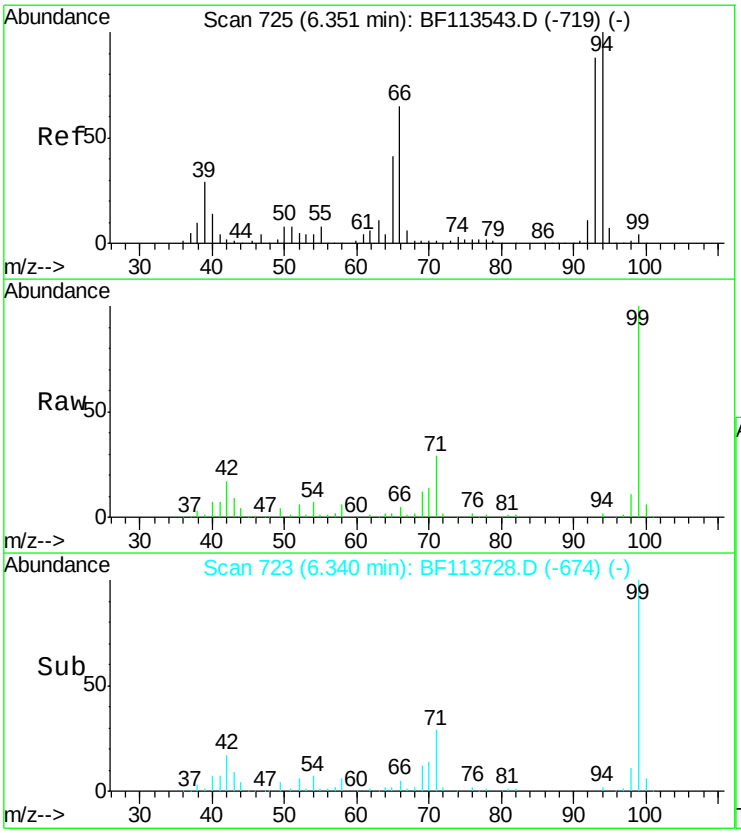
#9
Benzaldehyde
Concen: 0.218 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.09 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1130

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.9	120.9#
106	0.0	77.8	117.8#

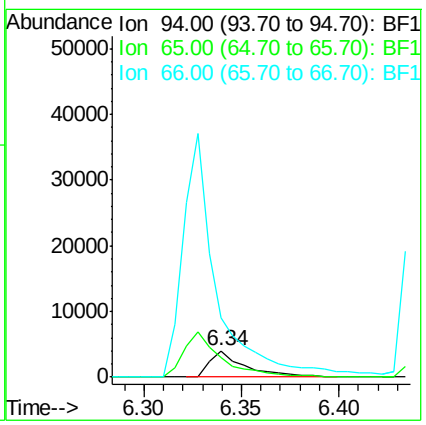


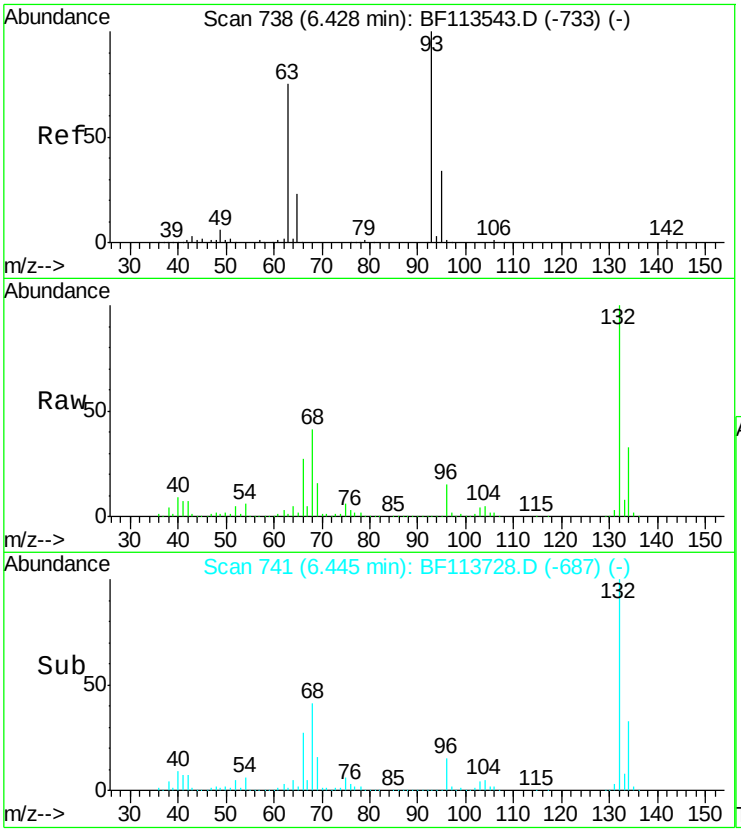


#10
Phenol
Concen: 0.506 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 94 Resp: 5048

Ion	Ratio	Lower	Upper
94	100		
65	72.3	21.4	61.4#
66	223.2	46.4	86.4#



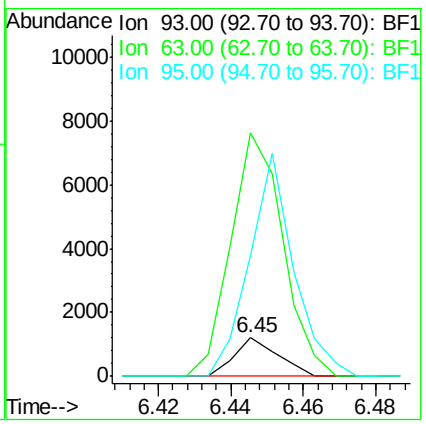


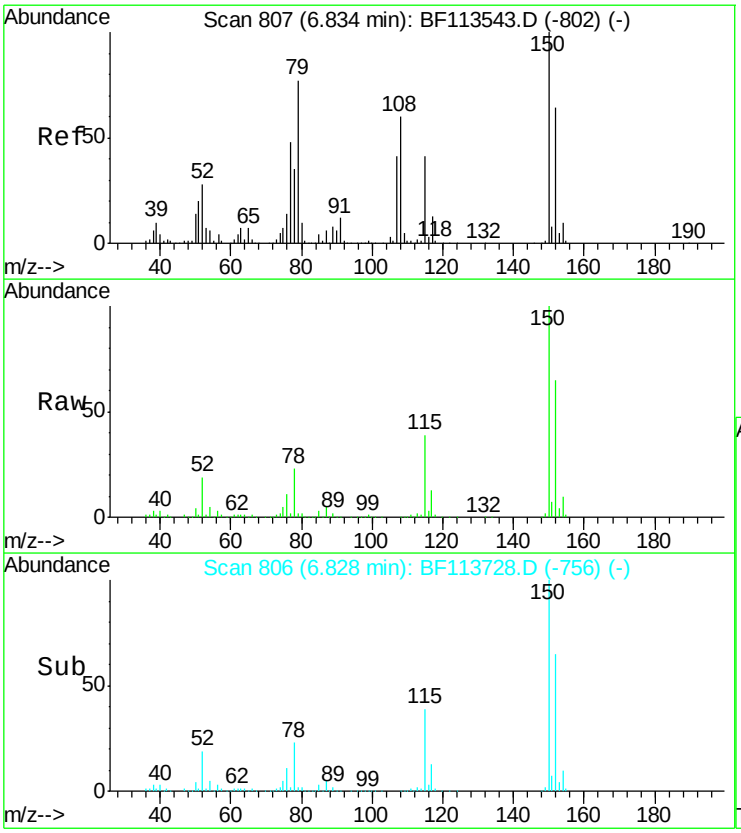
#11
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 995

Ion	Ratio	Lower	Upper
93	100		
63	630.2	56.1	96.1#
95	312.8	12.8	52.8#

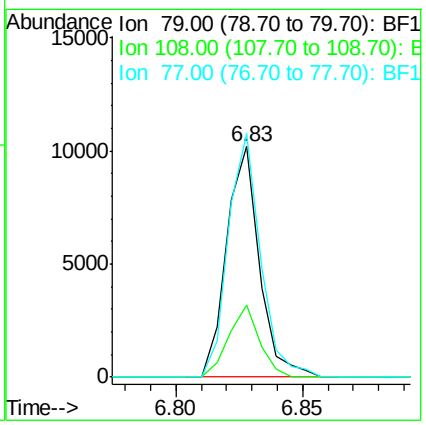


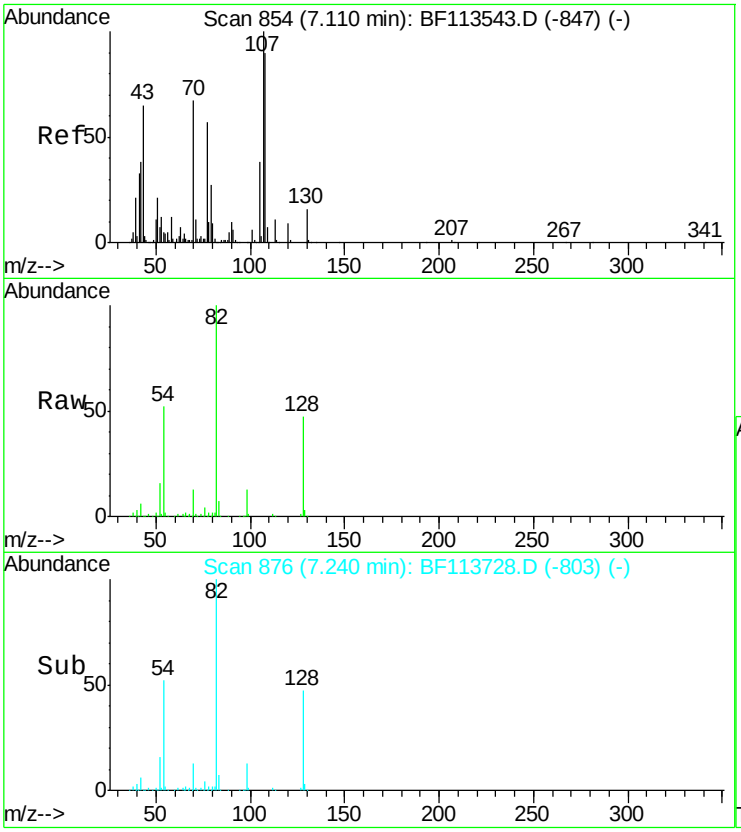


#15
Benzyl Alcohol
Concen: 1.553 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 79 Resp: 9170

Ion	Ratio	Lower	Upper
79	100		
108	31.3	62.0	93.0#
77	105.6	49.9	74.9#



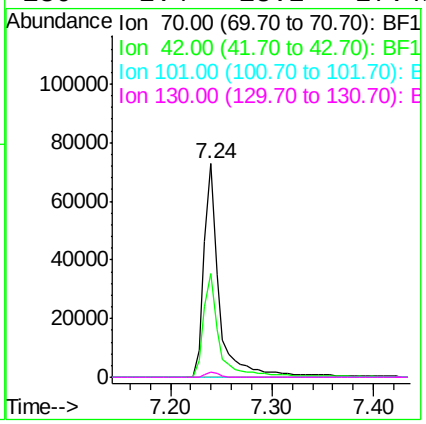


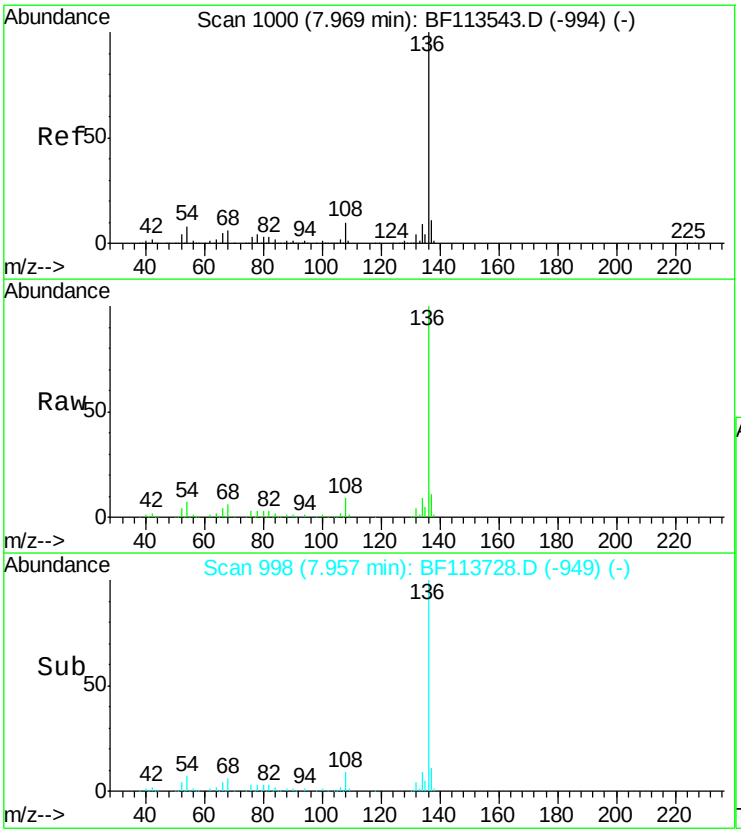
#19
n-Nitroso-di-n-propylamine
Concen: 14.206 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 76496

Ion	Ratio	Lower	Upper
70	100		
42	48.6	48.4	72.6
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#

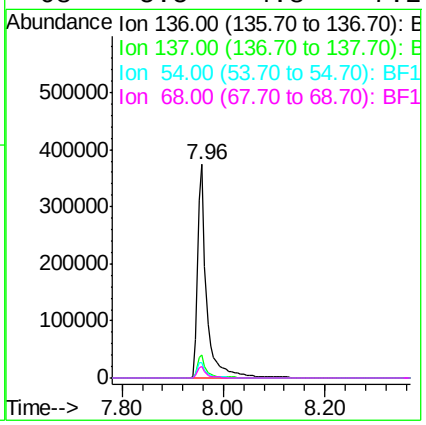


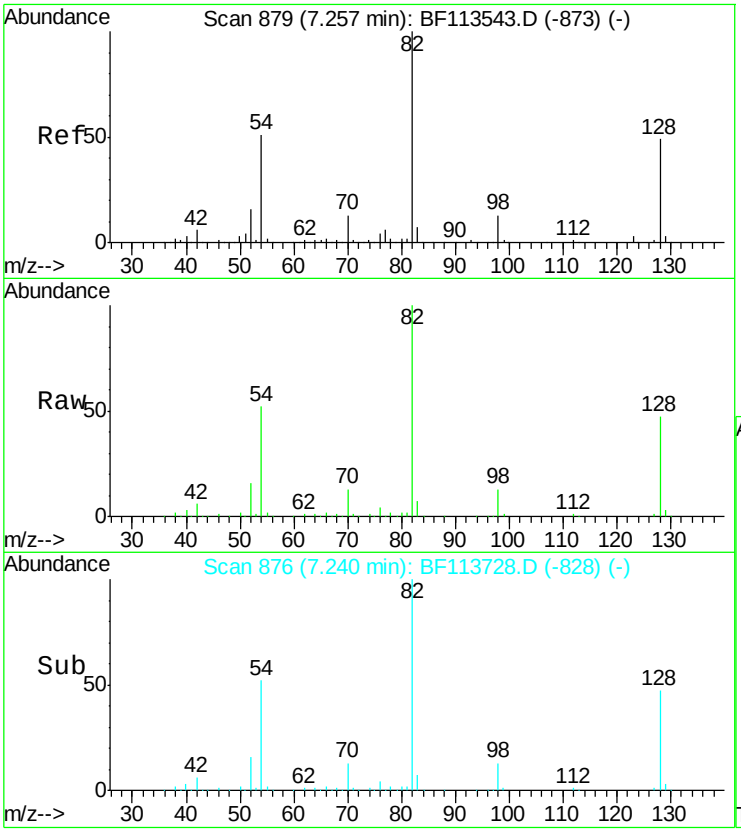


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:136 Resp: 467710

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.3	7.0	10.6
68	5.5	4.8	7.2



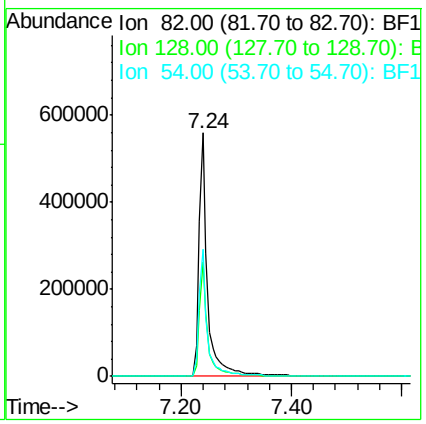


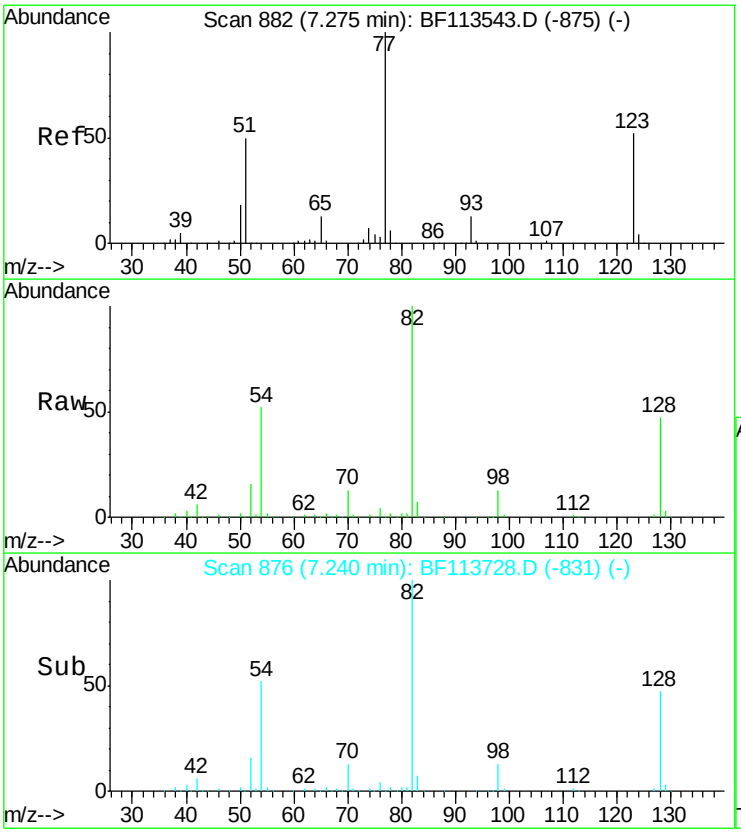
#23
Nitrobenzene-d5
Concen: 76.213 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 608546

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.5	54.7
54	52.2	42.2	63.2

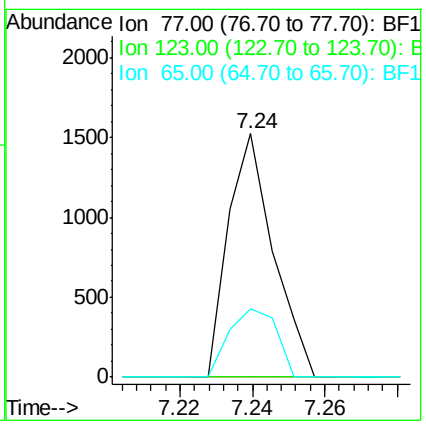


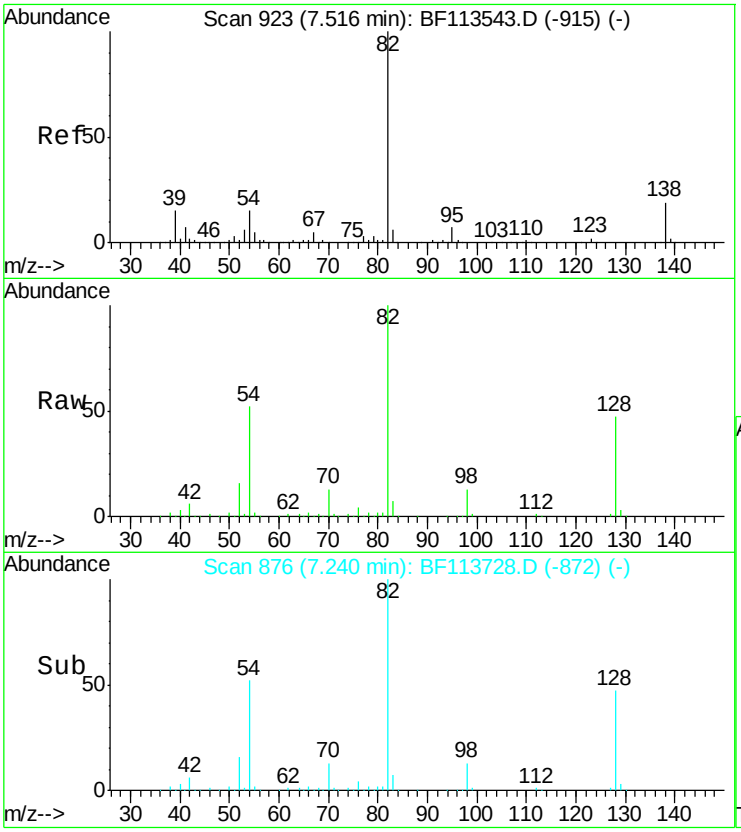


#24
Nitrobenzene
Concen: 0.160 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 77 Resp: 1316

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.8	61.2#
65	27.9	10.6	16.0#



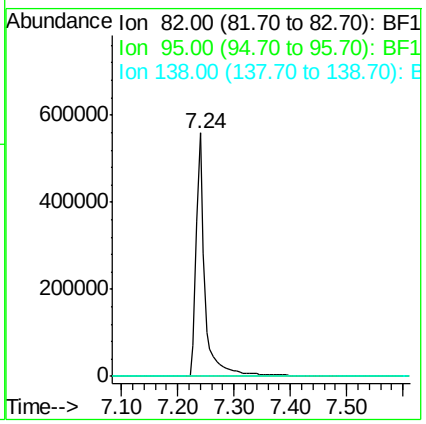


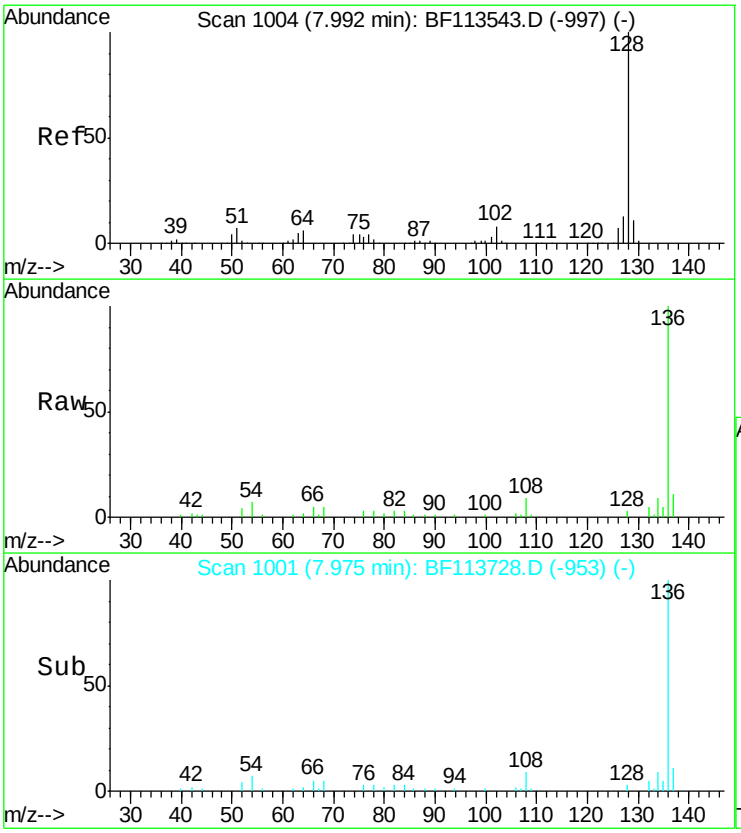
#25
Isophorone
Concen: 39.563 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 608542

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

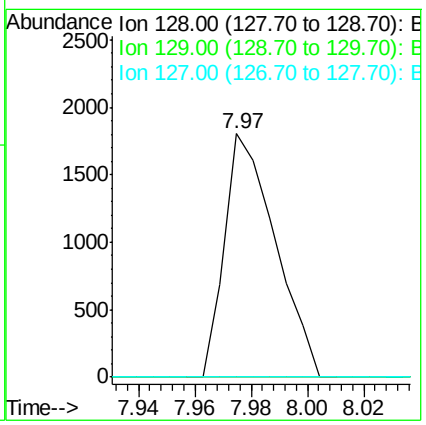


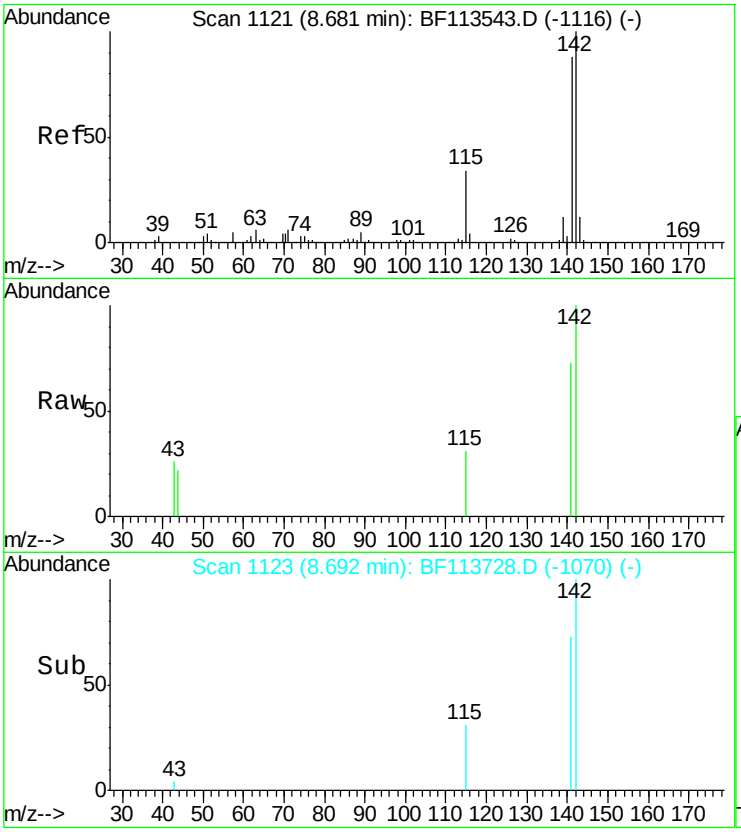


#31
Naphthalene
Concen: 0.099 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:128 Resp: 2240

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	10.9	16.3#



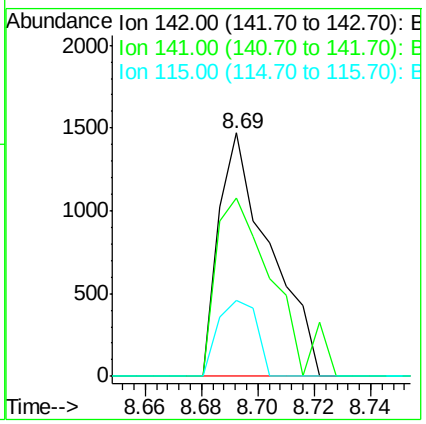


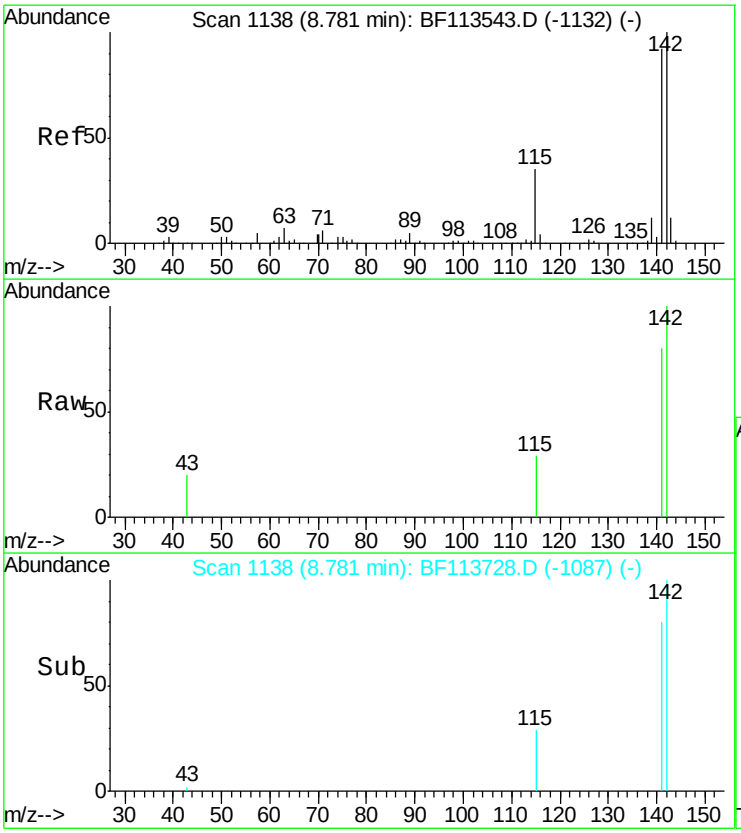
#37
2-Methylnaphthalene
Concen: 0.124 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1843

Ion	Ratio	Lower	Upper
142	100		
141	73.5	71.0	106.6
115	31.0	26.6	39.8

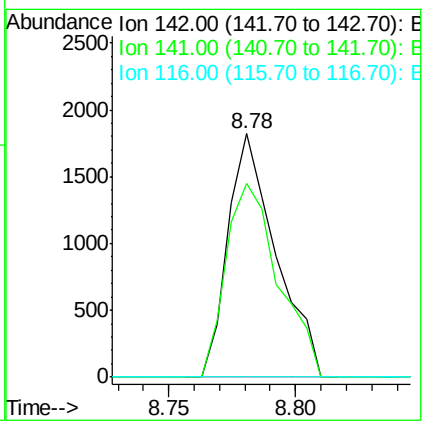


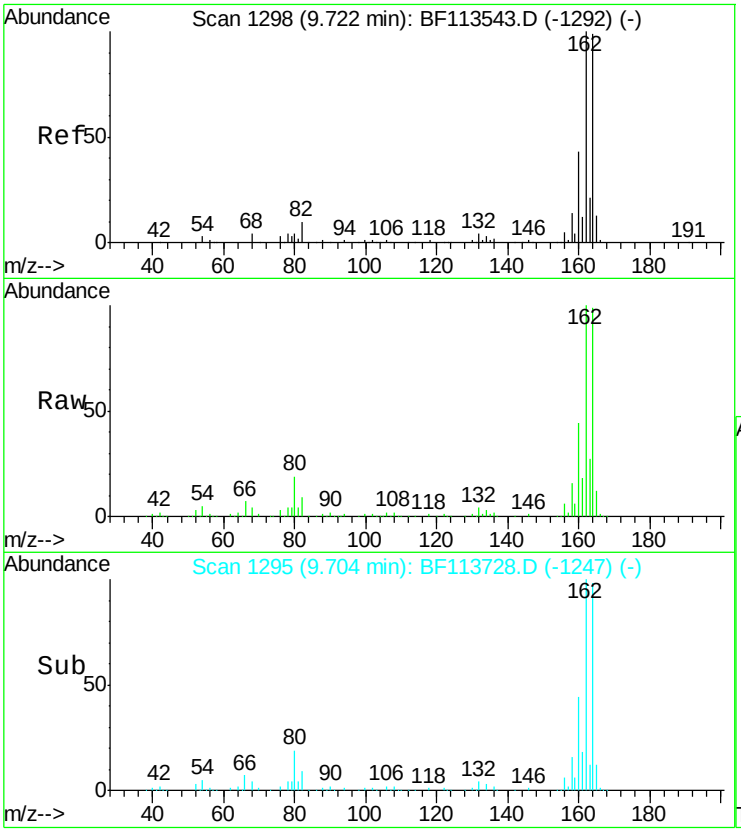


#38
1-Methylnaphthalene
Concen: 0.166 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:142 Resp: 2383

Ion	Ratio	Lower	Upper
142	100		
141	79.8	73.2	109.8
116	0.0	3.0	4.4#



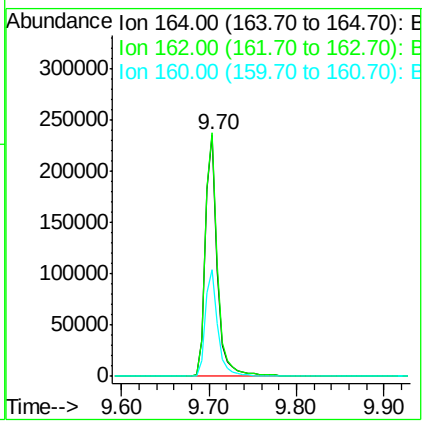


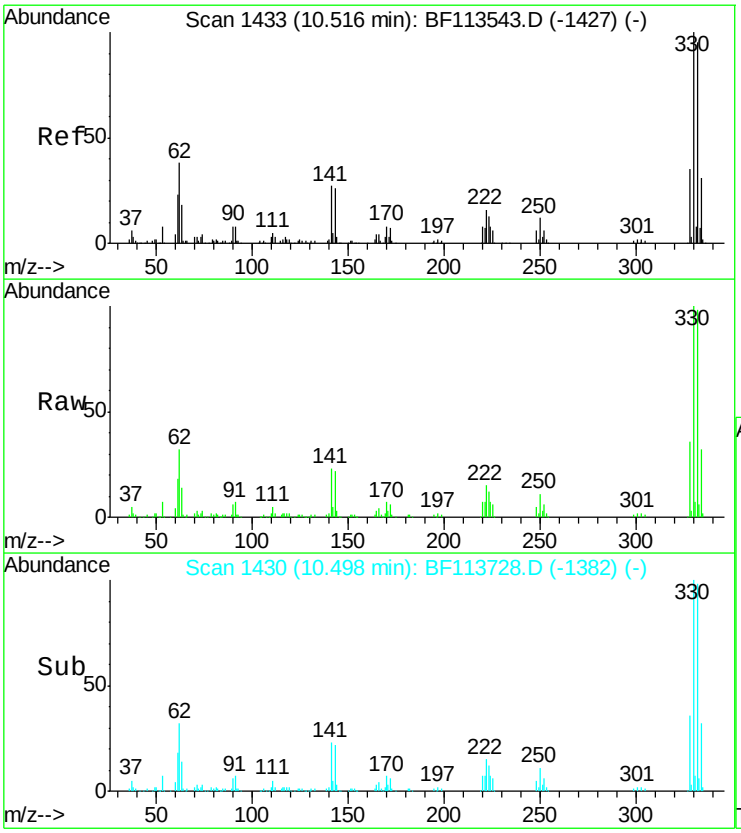
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 224547

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.2	36.4	54.6

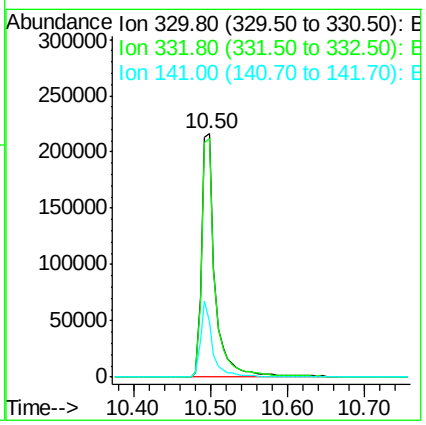


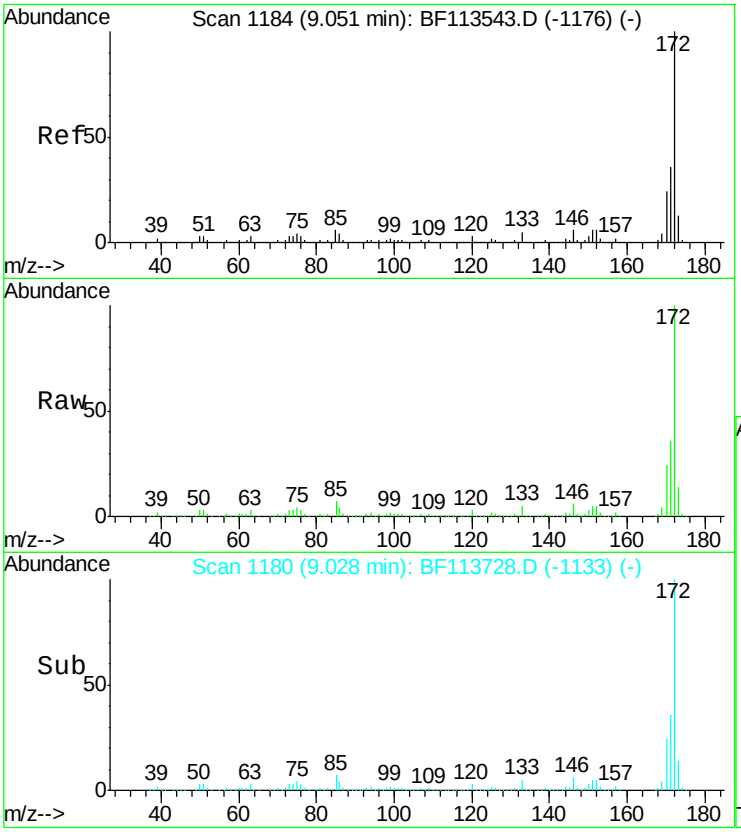


#42
2,4,6-Tribromophenol
Concen: 98.364 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:330 Resp: 265323

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	27.8	22.7	34.1

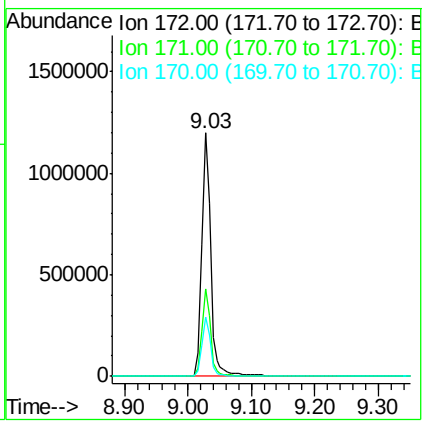




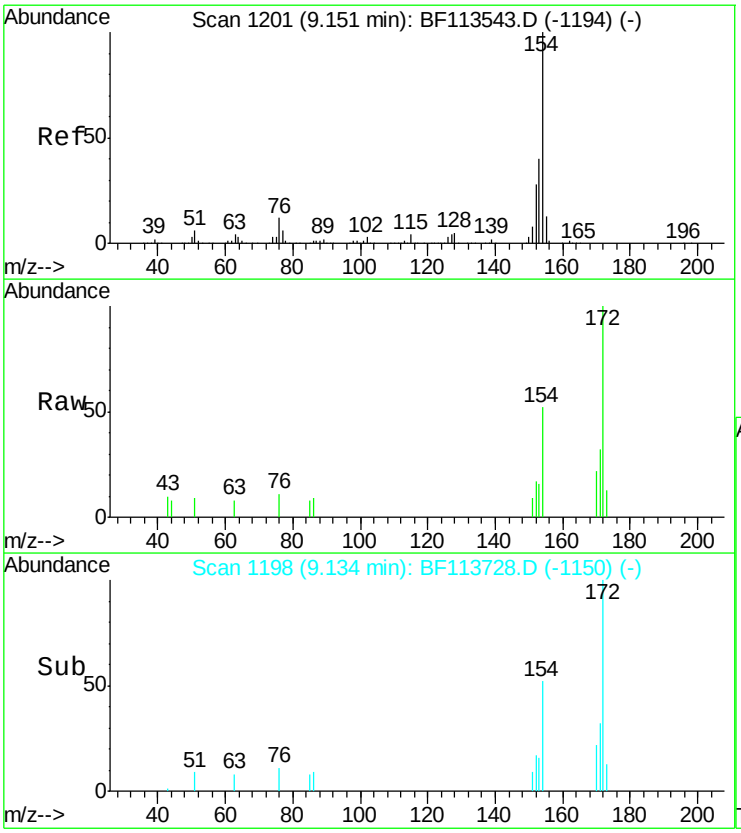
#45
2-Fluorobiphenyl
Concen: 84.195 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:172 Resp: 1174343

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.5	29.3



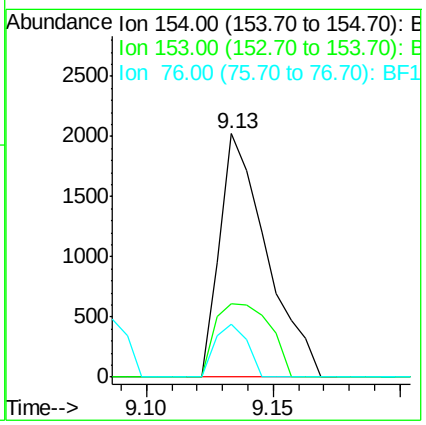
Instrument :
BNA_F
ClientSampleId :

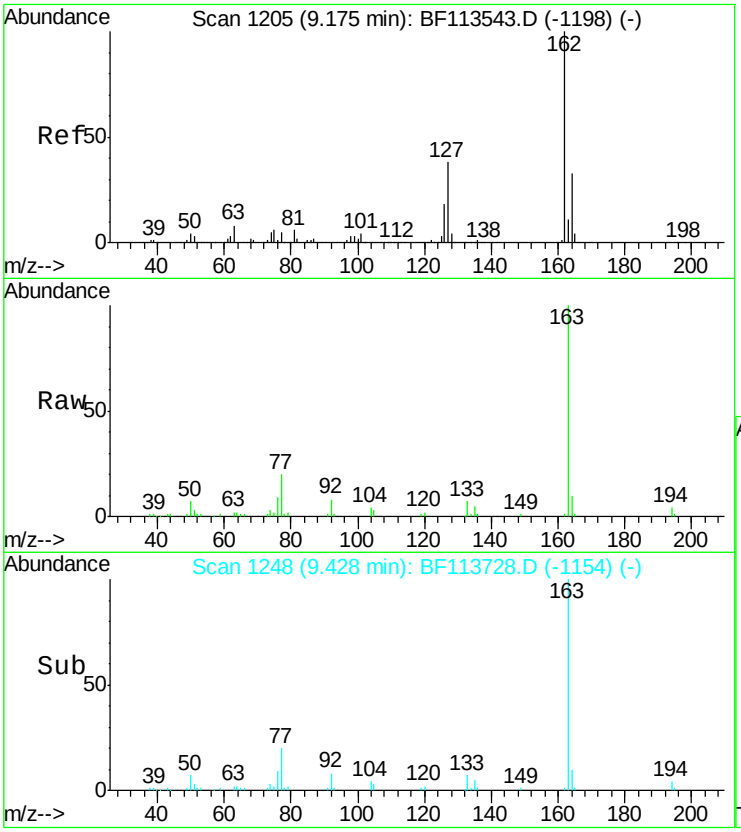


#46
1,1'-Biphenyl
Concen: 0.141 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:154 Resp: 2606

Ion	Ratio	Lower	Upper
154	100		
153	30.3	20.8	60.8
76	21.6	0.0	31.9



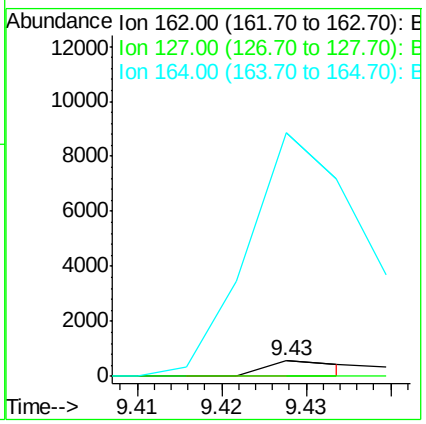


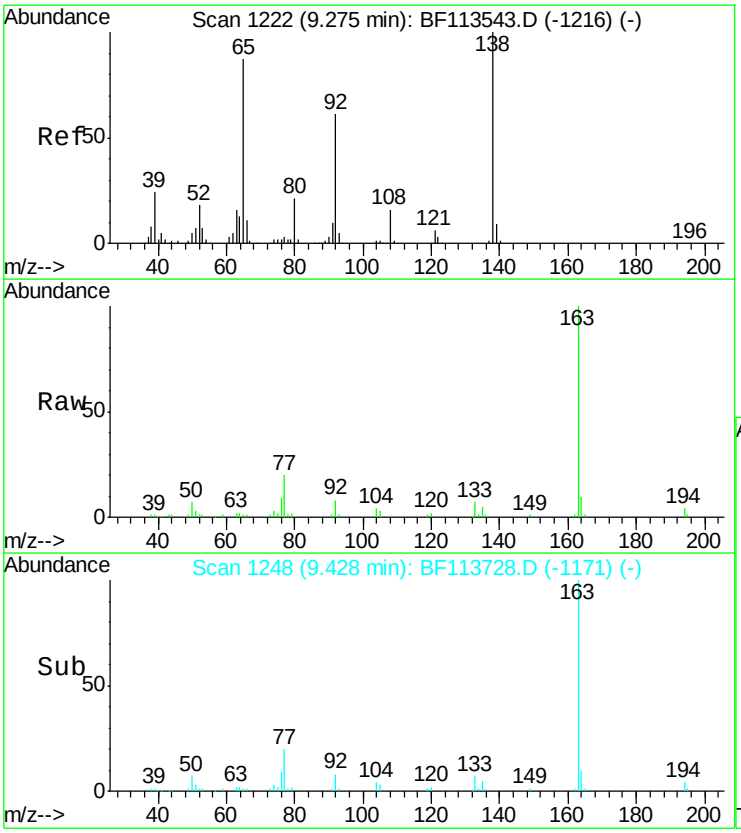
#47
2-Chloronaphthalene
Concen: 0.025 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.25 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 344

Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.6	49.0#
164	1583.9	26.6	39.8#

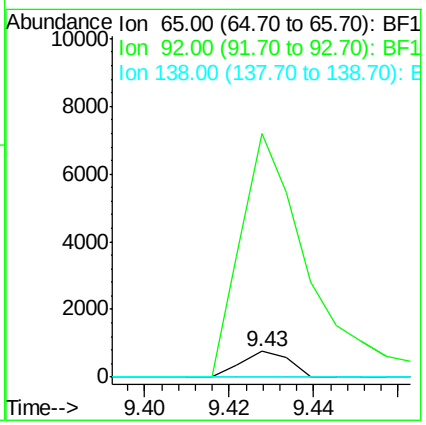


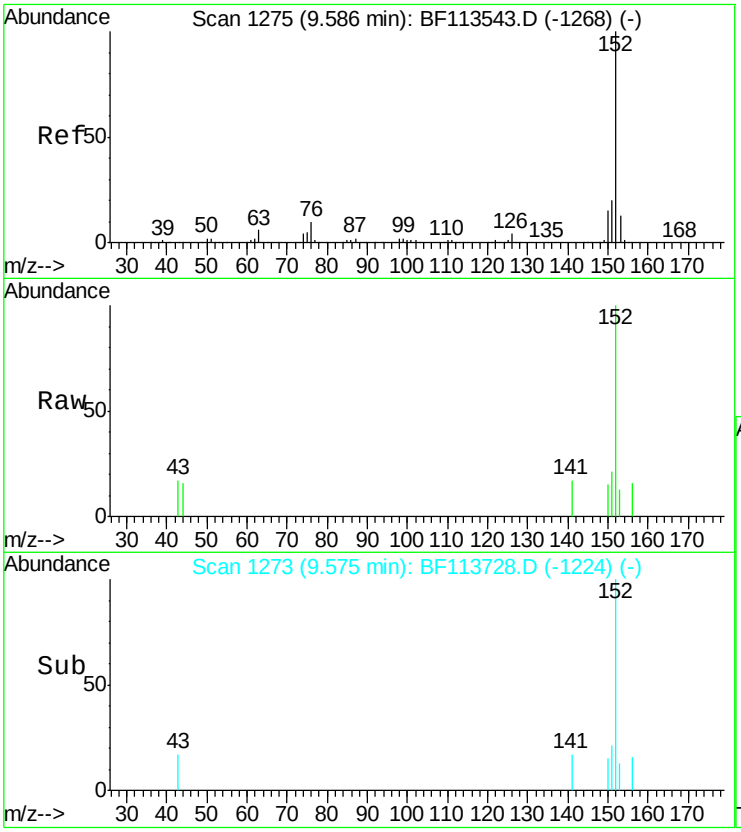


#48
2-Nitroaniline
Concen: 0.140 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.15 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 65 Resp: 603

Ion	Ratio	Lower	Upper
65	100		
92	945.2	56.8	85.2#
138	0.0	92.3	138.5#



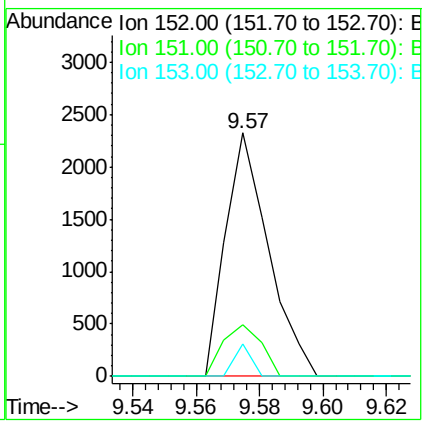


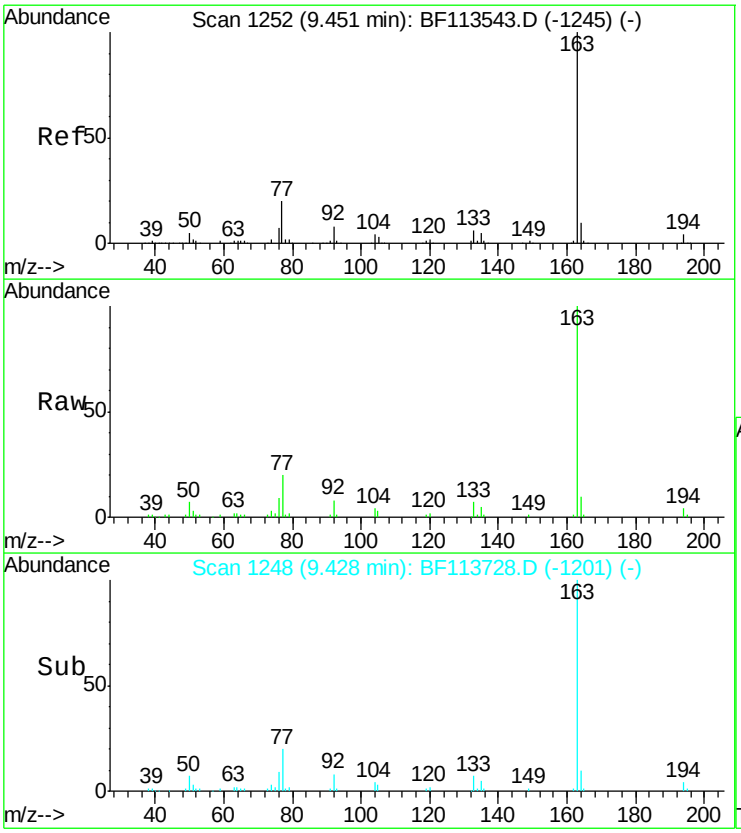
#49
Acenaphthylene
Concen: 0.095 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 2164

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.1	11.0	16.6

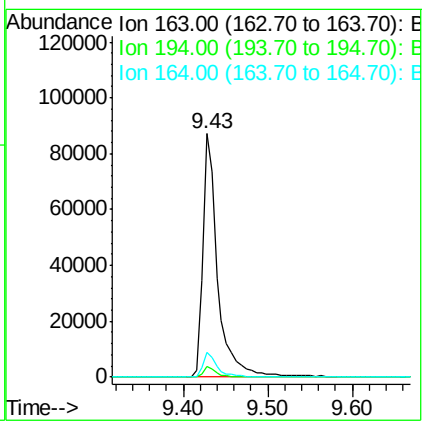


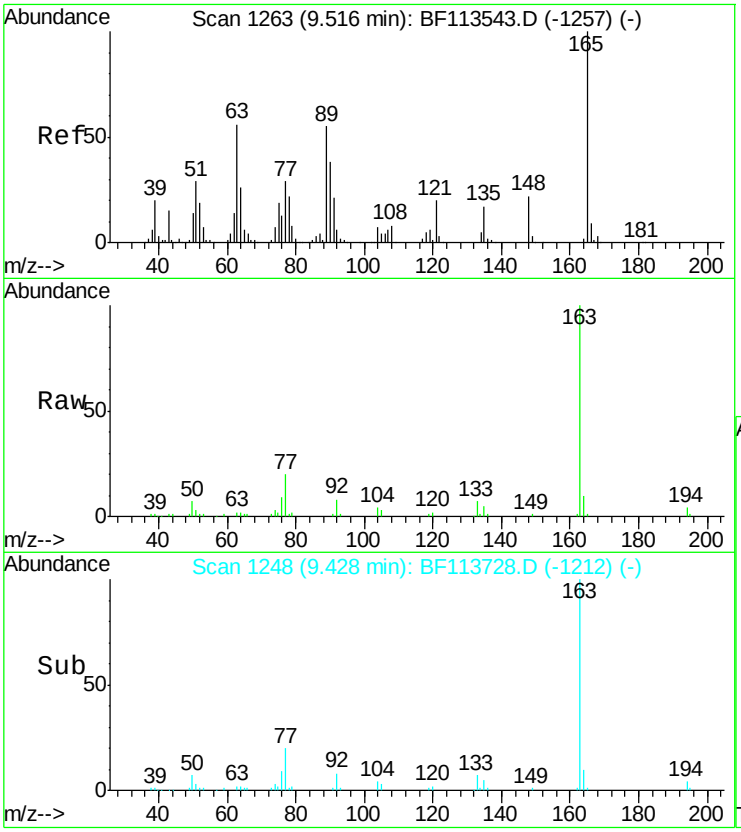


#50
Dimethylphthalate
Concen: 6.413 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:163 Resp: 106150

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.2	8.1	12.1



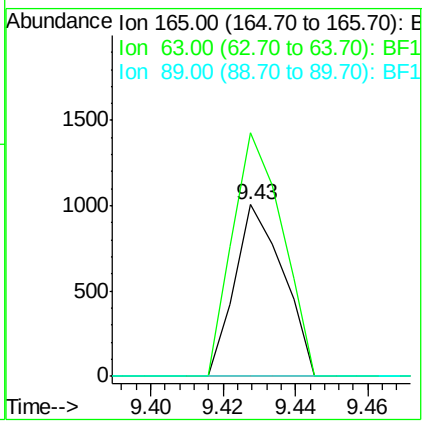


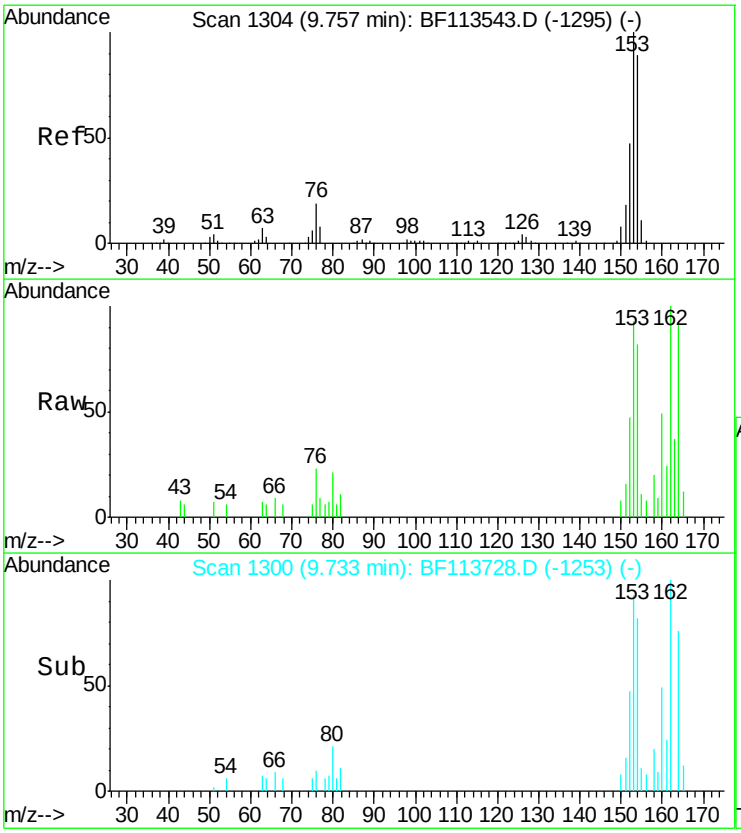
#51
2,6-Dinitrotoluene
Concen: 0.256 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.09 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 935

Ion	Ratio	Lower	Upper
165	100		
63	142.1	43.4	65.0#
89	0.0	43.1	64.7#

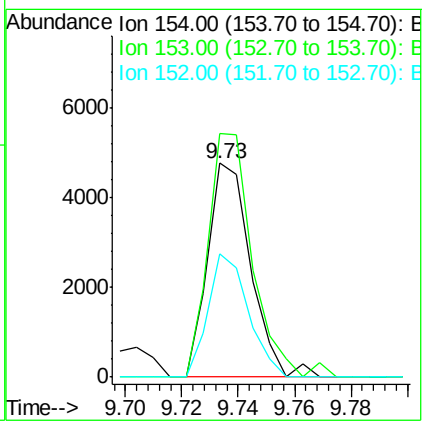


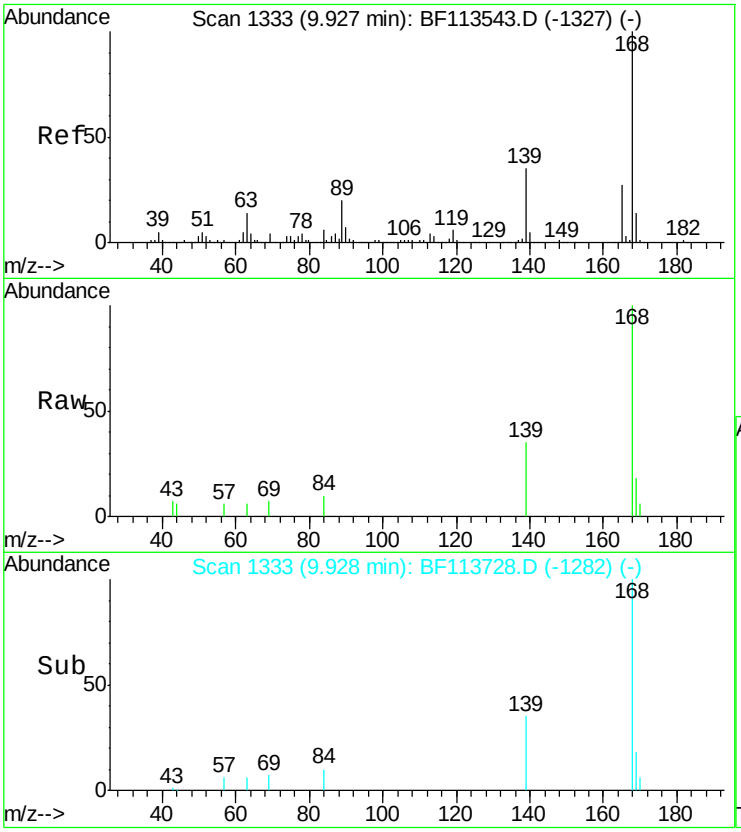


#52
Acenaphthene
Concen: 0.387 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:154 Resp: 5057

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.5	134.3
152	57.7	43.3	64.9



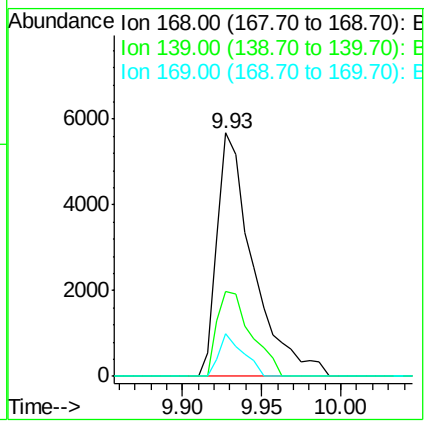


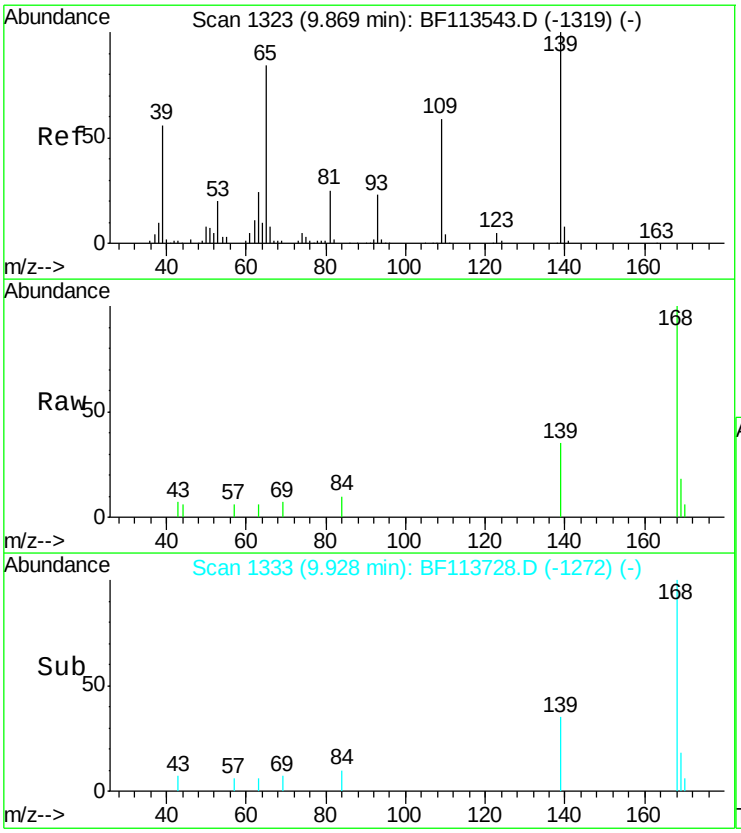
#55
Dibenzofuran
Concen: 0.470 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 9009

Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.7	44.5
169	17.5	10.7	16.1#

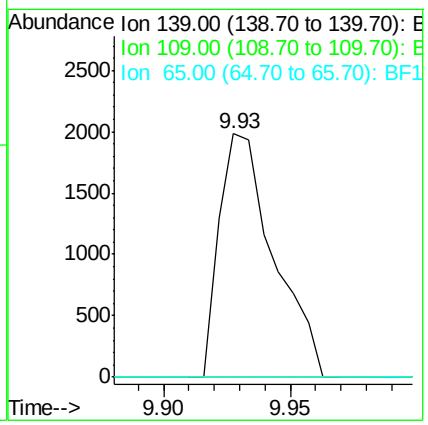


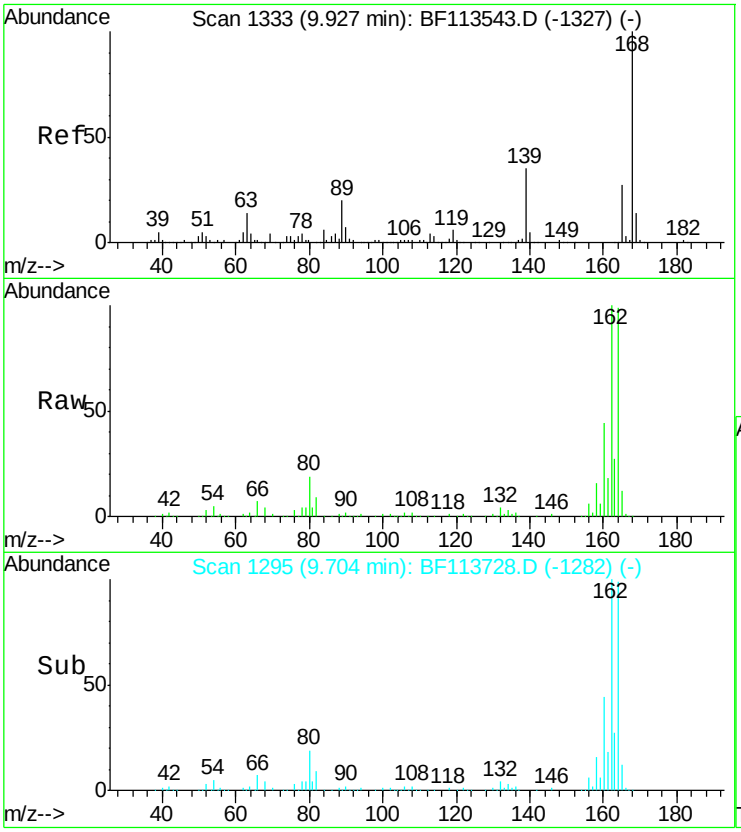


#56
4-Nitrophenol
Concen: 1.144 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.06 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:139 Resp: 2945

Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.9	86.9#
65	0.0	77.2	117.2#



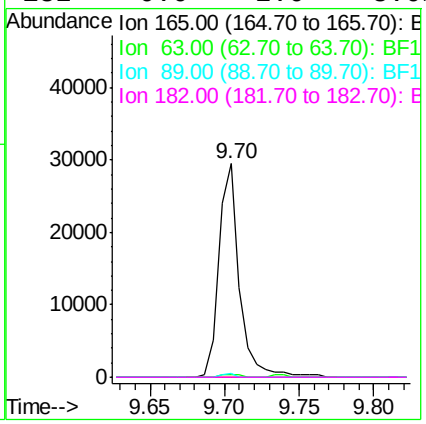


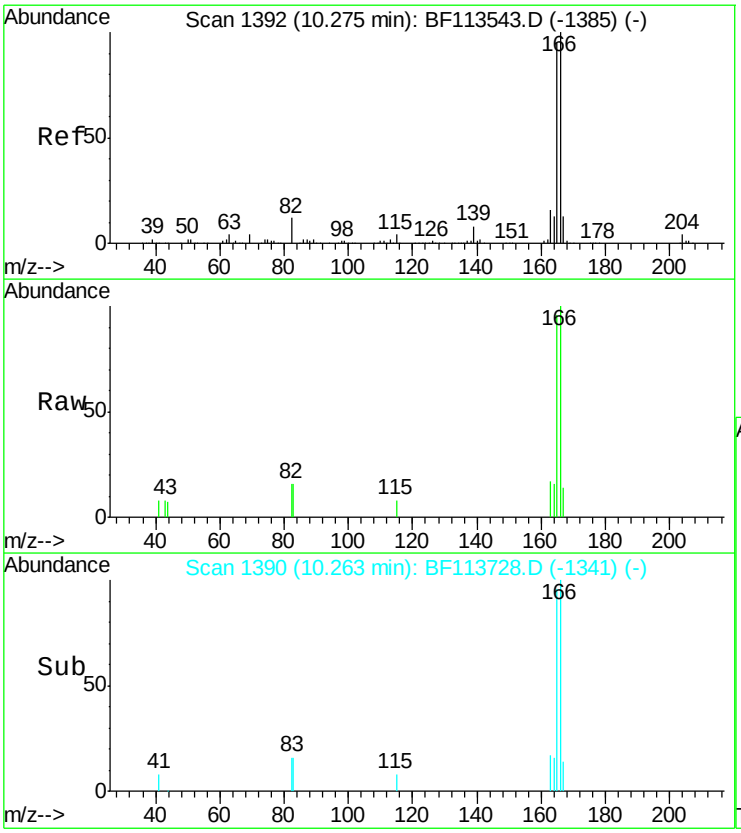
#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28509

Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#

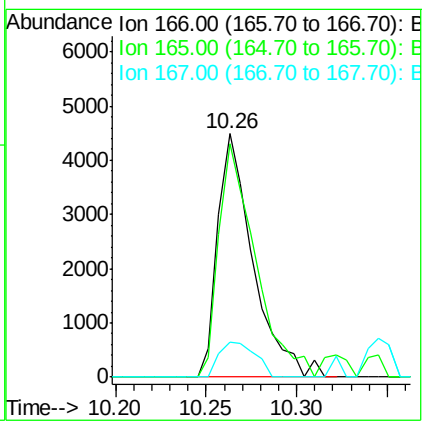


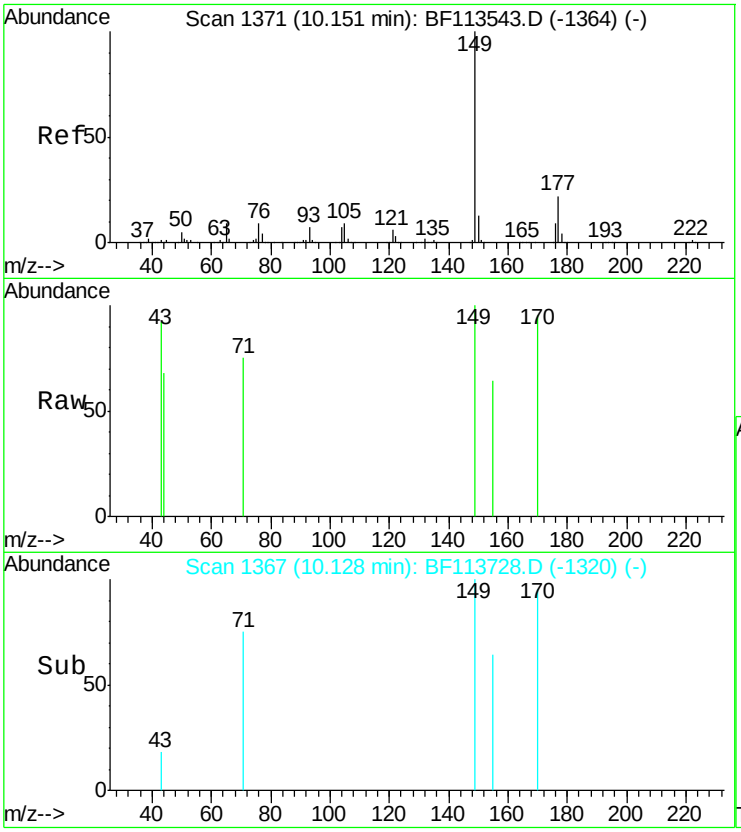


#58
Fluorene
Concen: 0.403 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:166 Resp: 6109

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.2	114.2
167	14.5	10.7	16.1



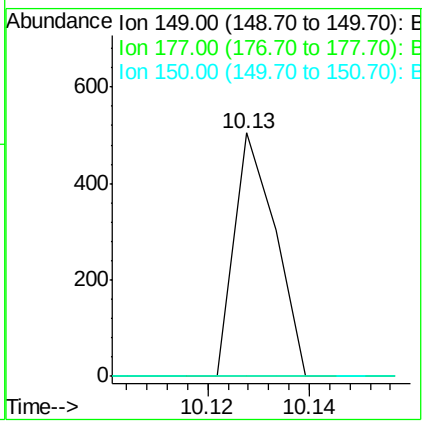


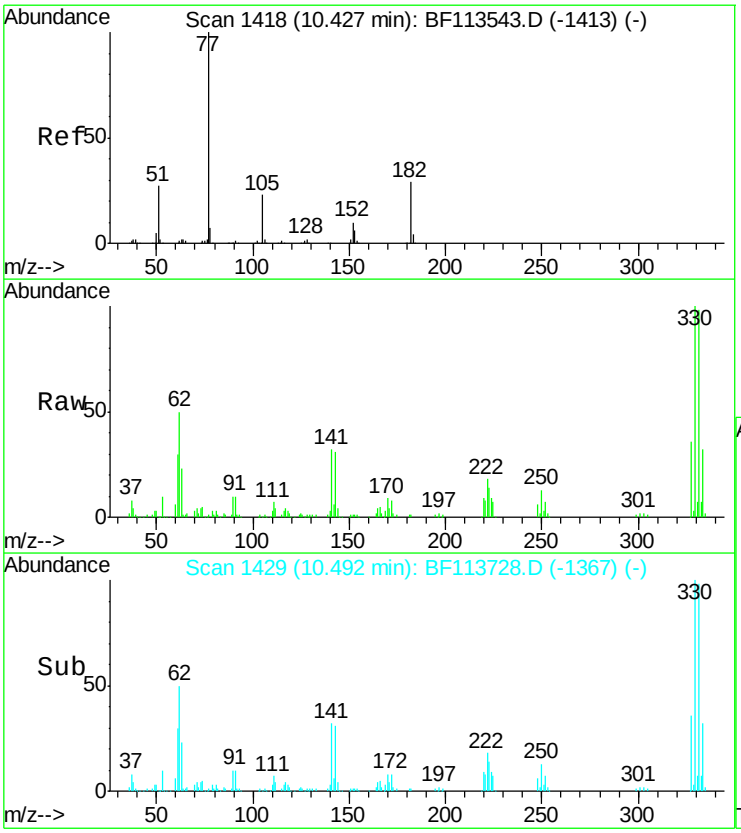
#60
Diethylphthalate
Concen: 0.018 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 285

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.0#
150	0.0	10.0	15.0#

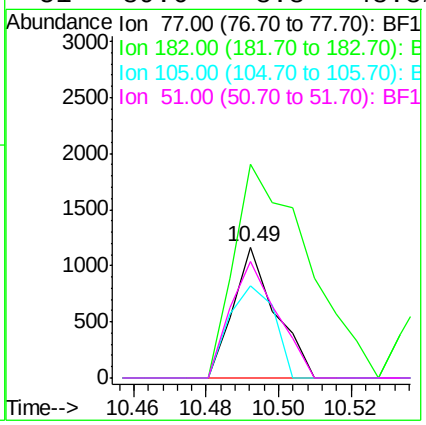


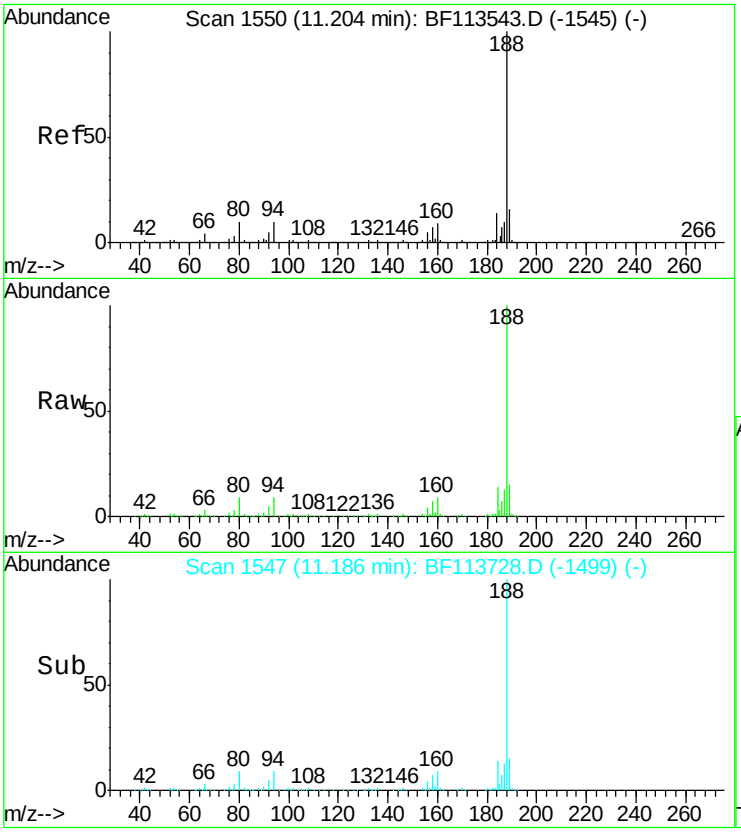


#63
Azobenzene
Concen: 0.063 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.06 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion: 77 Resp: 952

Ion	Ratio	Lower	Upper
77	100		
182	163.5	8.7	48.7#
105	70.4	2.9	42.9#
51	89.6	8.8	48.8#



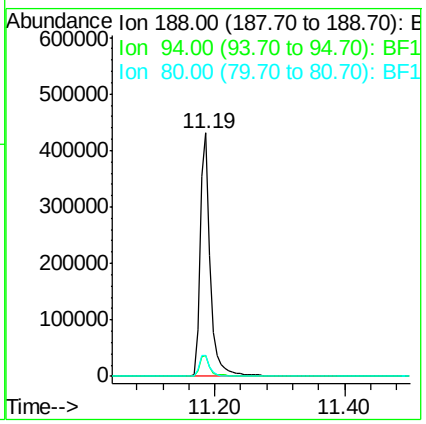


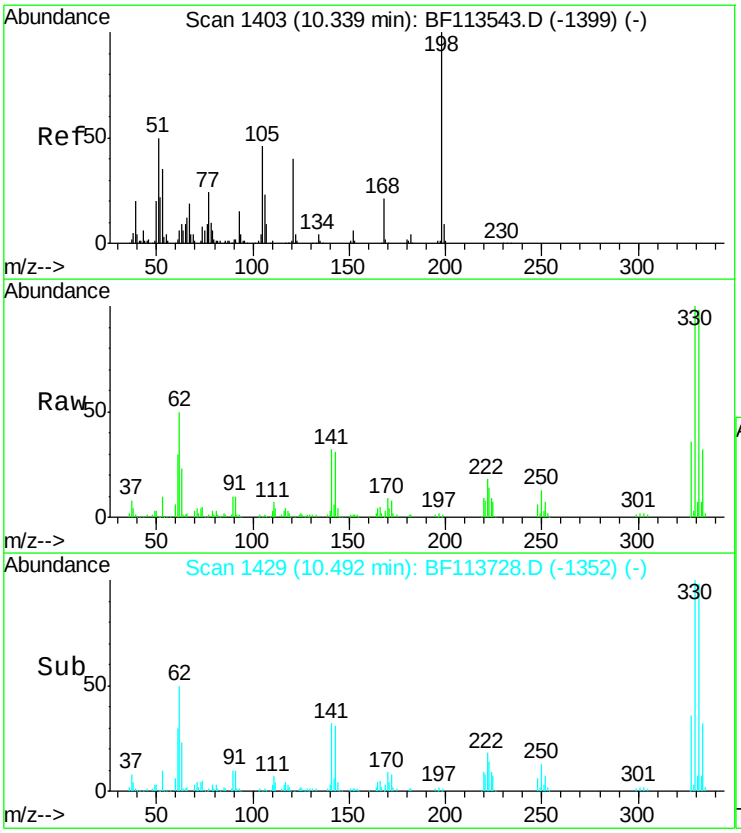
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 455593

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.7	7.7	11.5

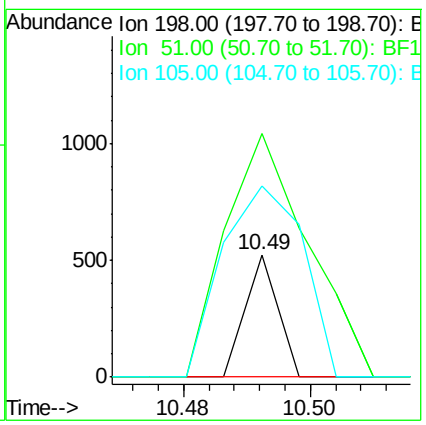


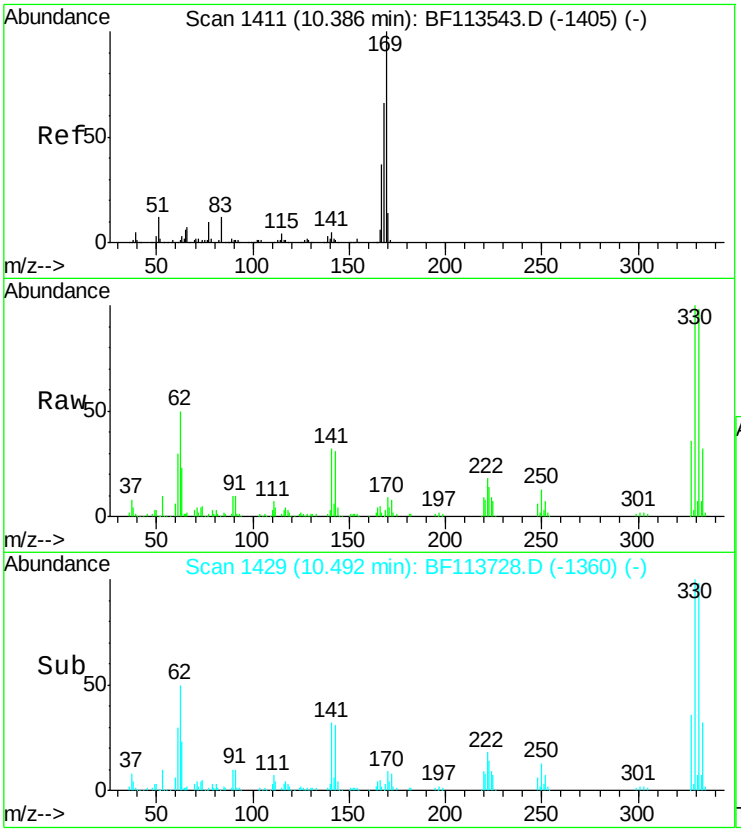


#65
4,6-Dinitro-2-methylphenol
Concen: 0.077 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.15 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:198 Resp: 185

Ion	Ratio	Lower	Upper
198	100		
51	198.7	21.6	61.6#
105	156.0	20.6	60.6#



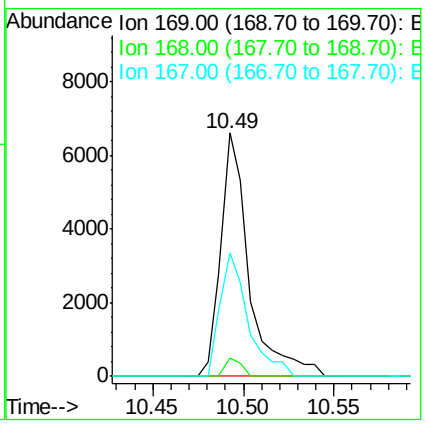


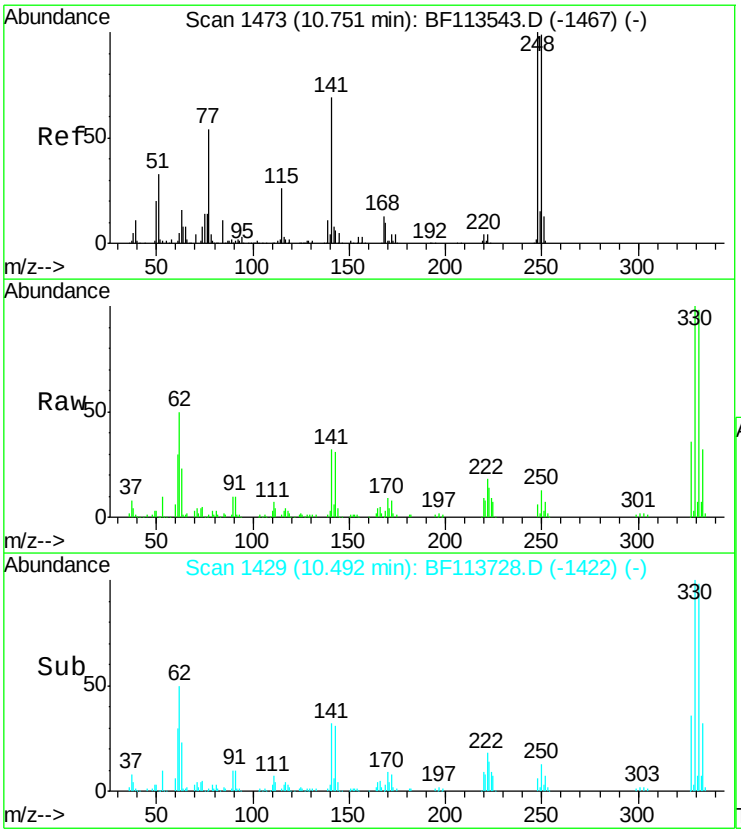
#66
n-Nitrosodiphenylamine
Concen: 0.517 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.11 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 7235

Ion	Ratio	Lower	Upper
169	100		
168	7.4	53.7	80.5#
167	58.1	29.5	44.3#

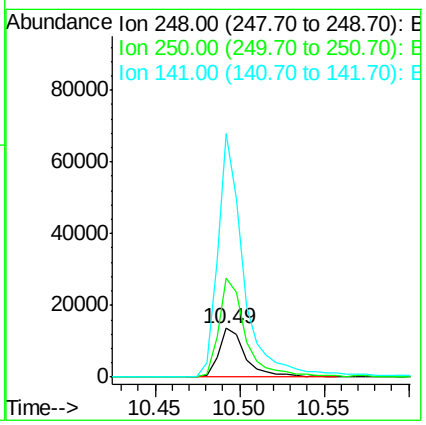


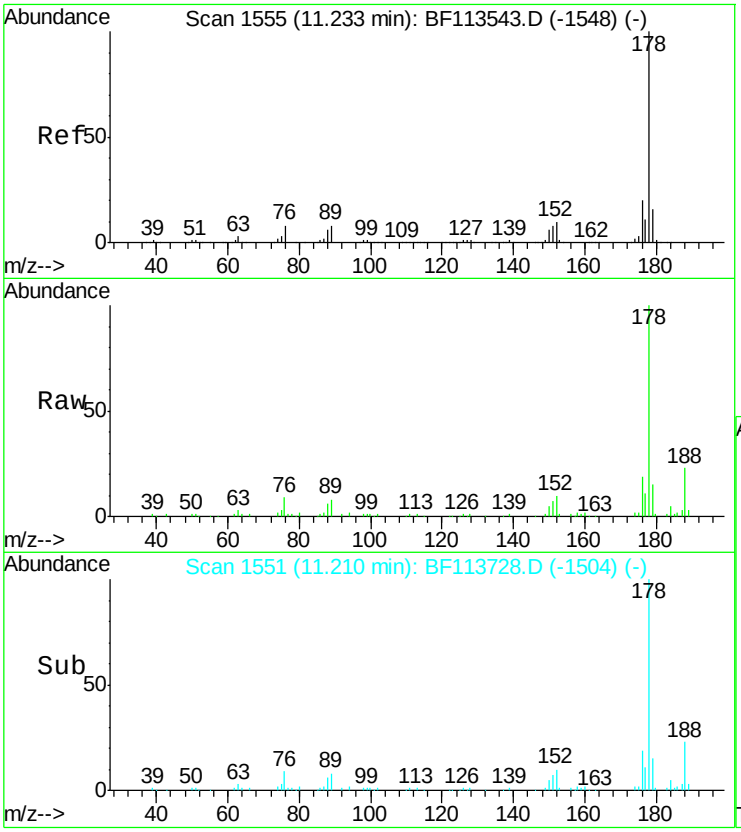


#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:248 Resp: 14967

Ion	Ratio	Lower	Upper
248	100		
250	203.0	78.3	117.5#
141	498.9	56.2	84.4#



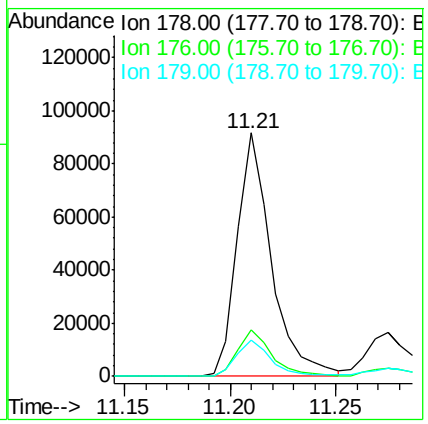


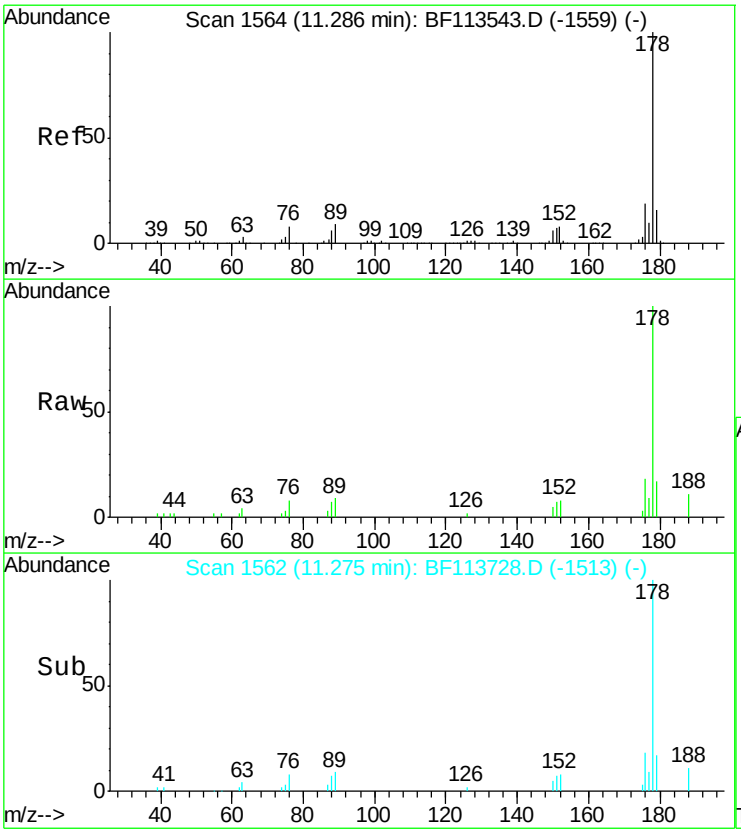
#71
Phenanthrene
Concen: 4.547 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 102943

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	14.7	12.7	19.1

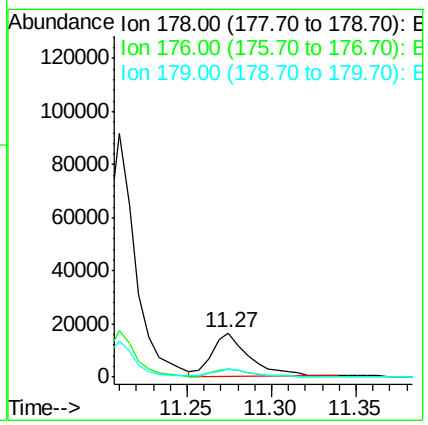


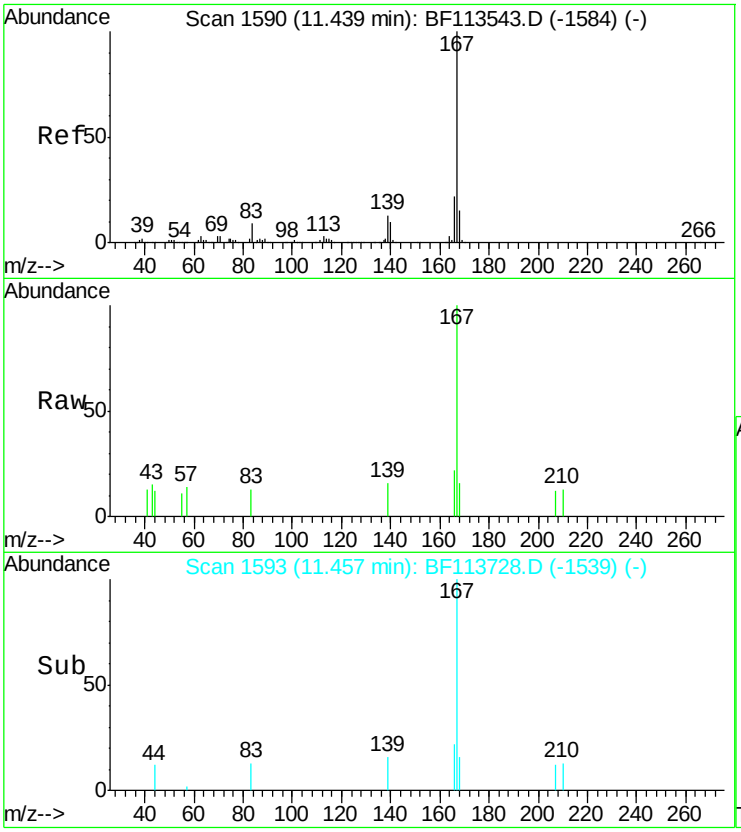


#72
Anthracene
Concen: 1.084 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:178 Resp: 24979

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	17.3	12.8	19.2



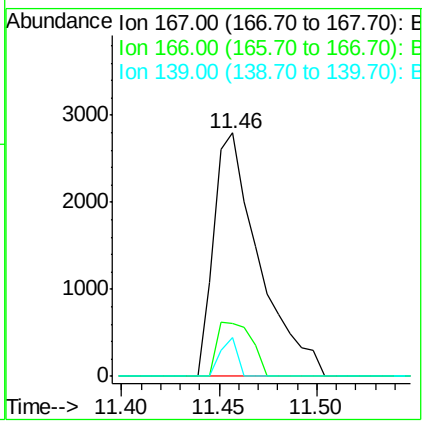


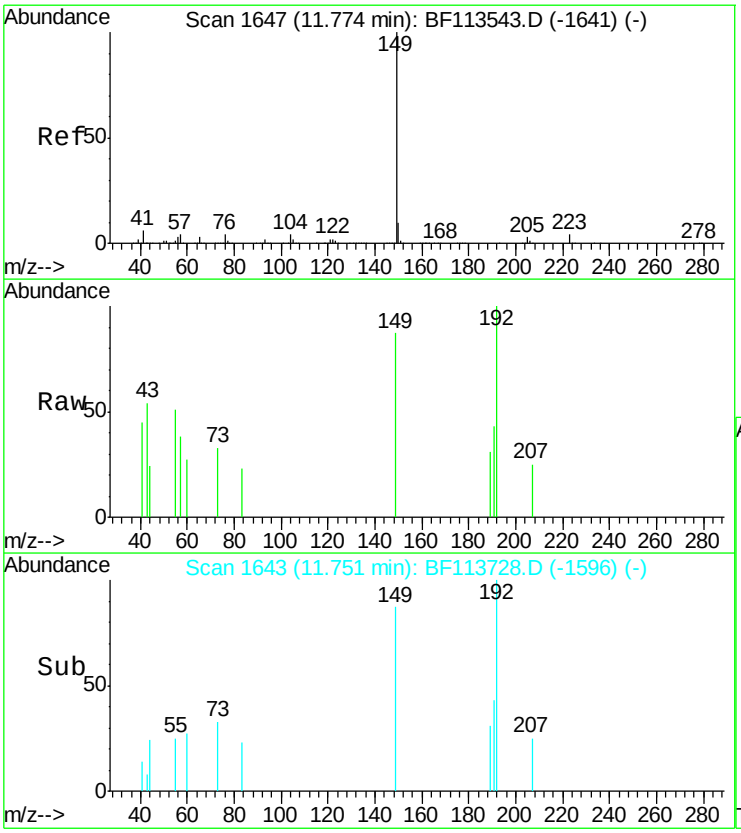
#73
Carbazole
Concen: 0.209 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 4497

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	16.2	10.4	15.6#

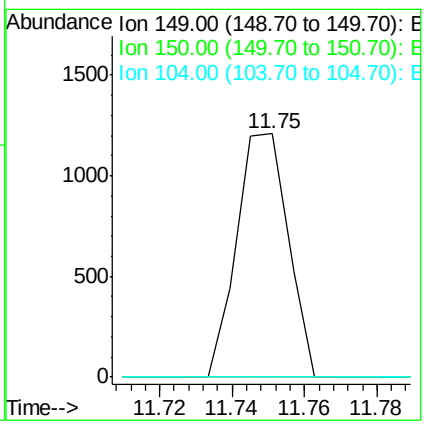


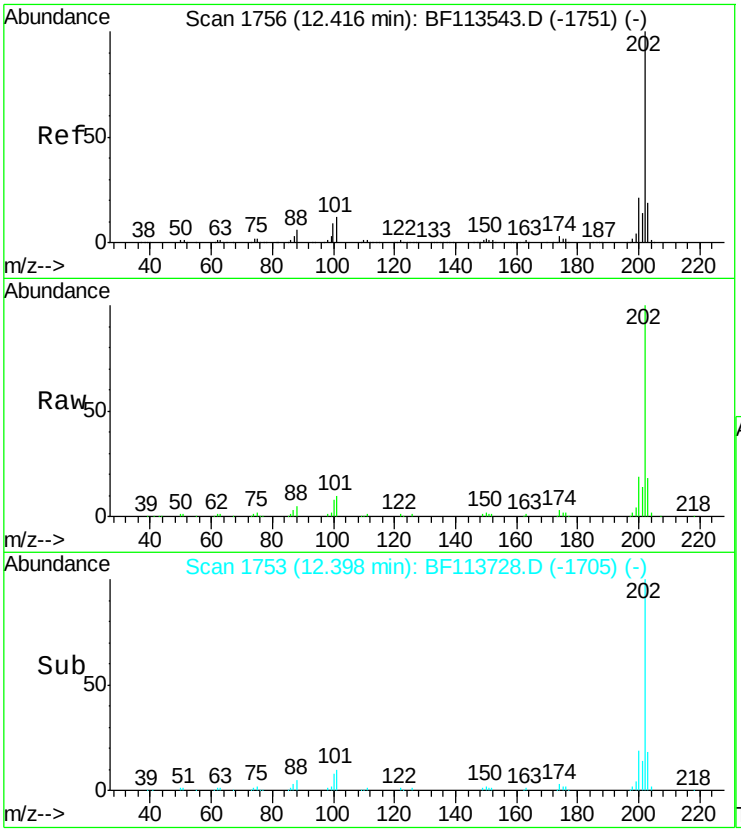


#74
Di-n-butylphthalate
Concen: 0.046 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:149 Resp: 1190

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	3.7	5.5#



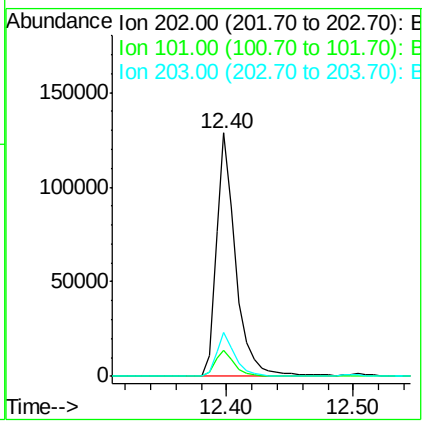


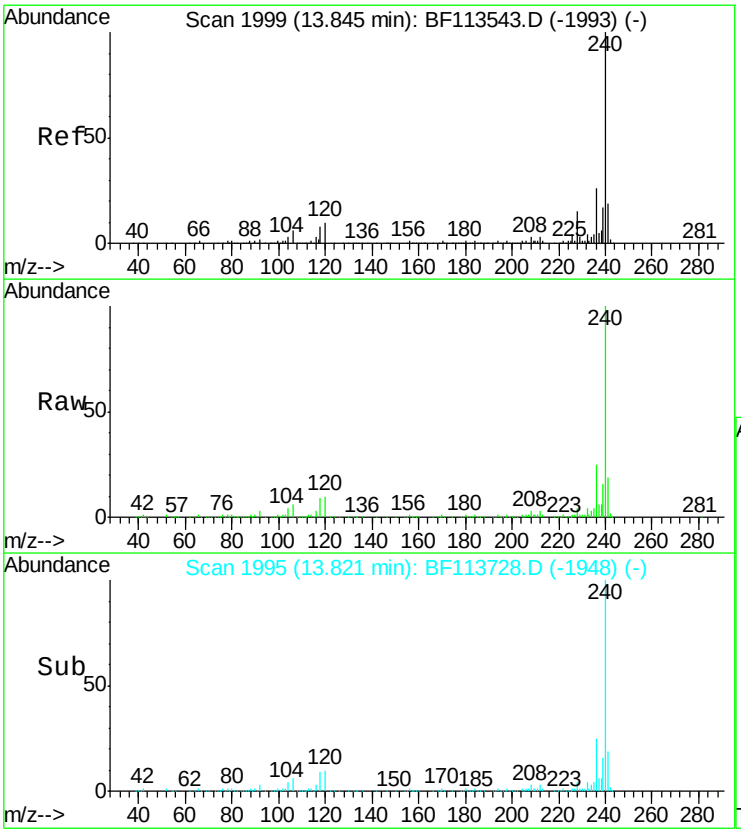
#75
Fluoranthene
Concen: 5.678 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 137731

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.8	0.0	38.0

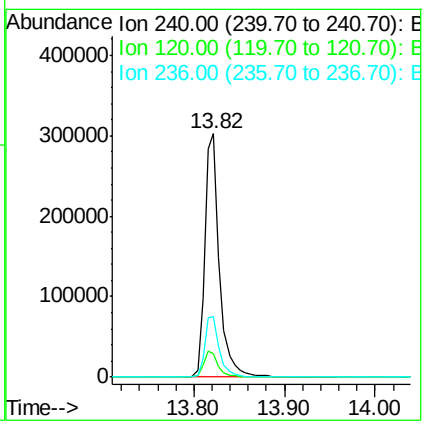


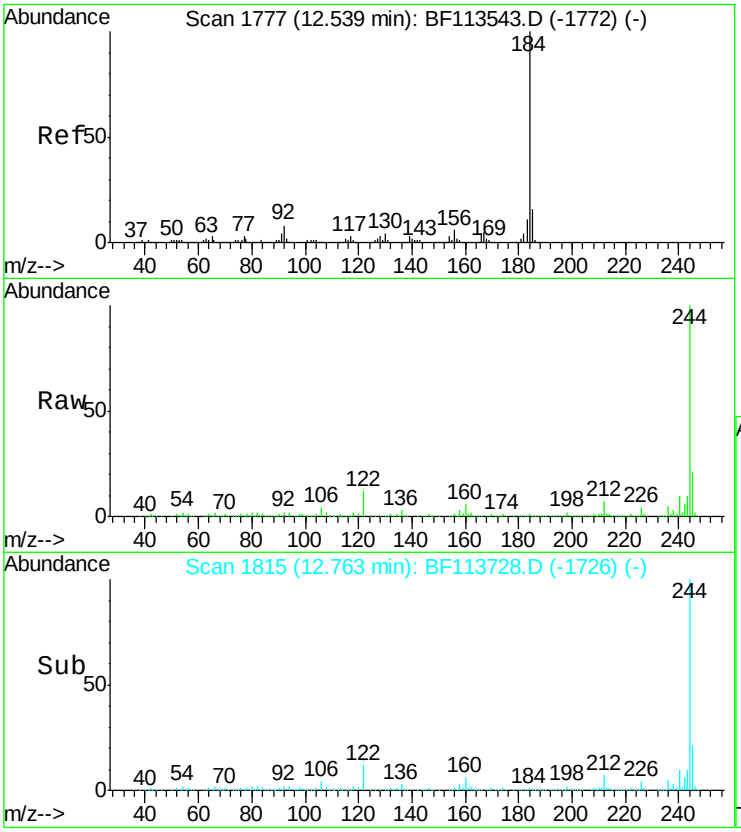


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:240 Resp: 341667

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.8	13.2
236	25.1	20.9	31.3



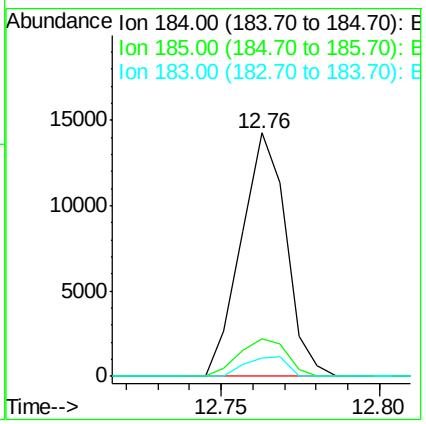


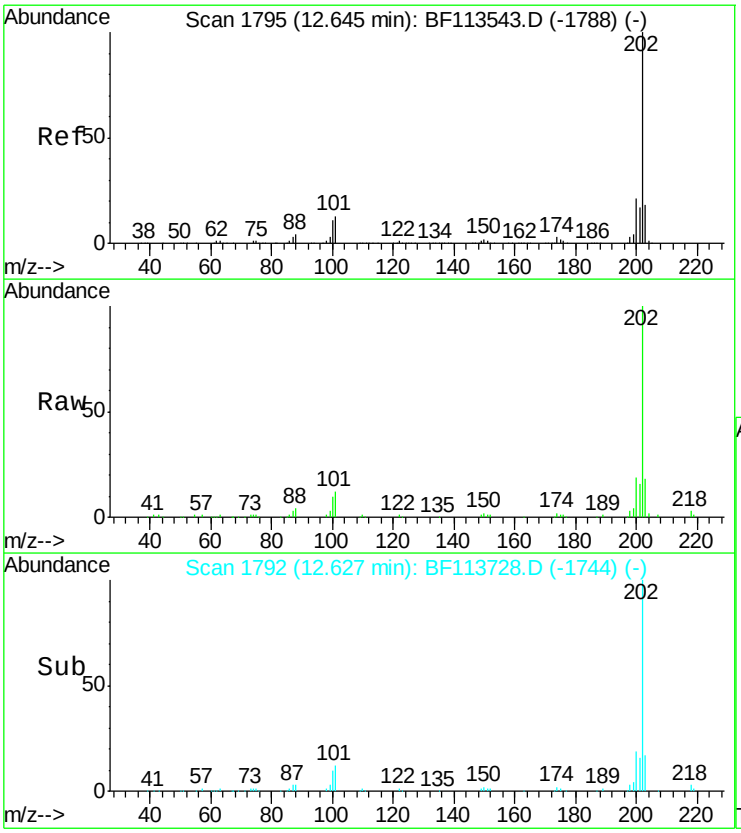
#77
Benzidine
Concen: 1.103 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.22 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 14018

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.6
183	7.7	9.0	13.4#

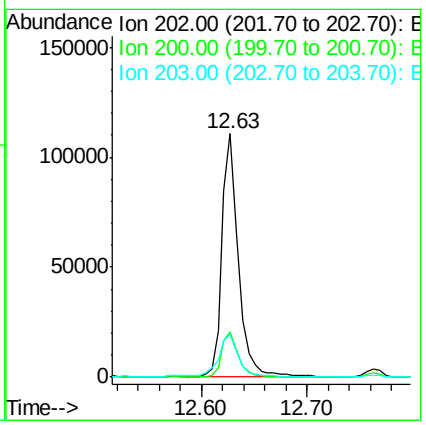


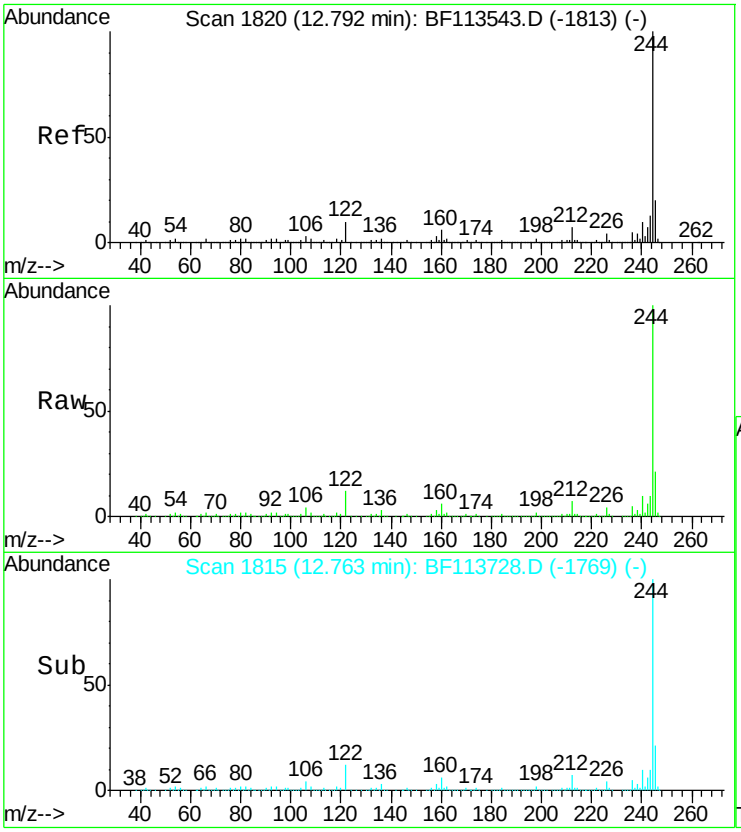


#78
Pyrene
Concen: 4.646 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:202 Resp: 120789

Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.8	25.2
203	17.5	14.4	21.6



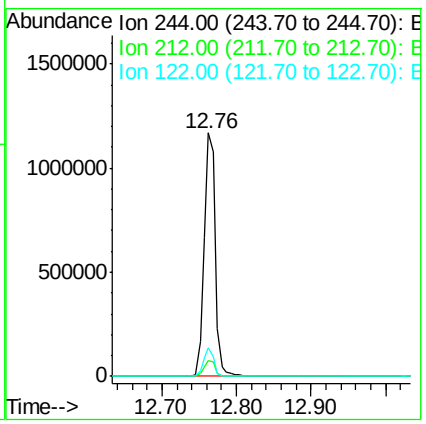


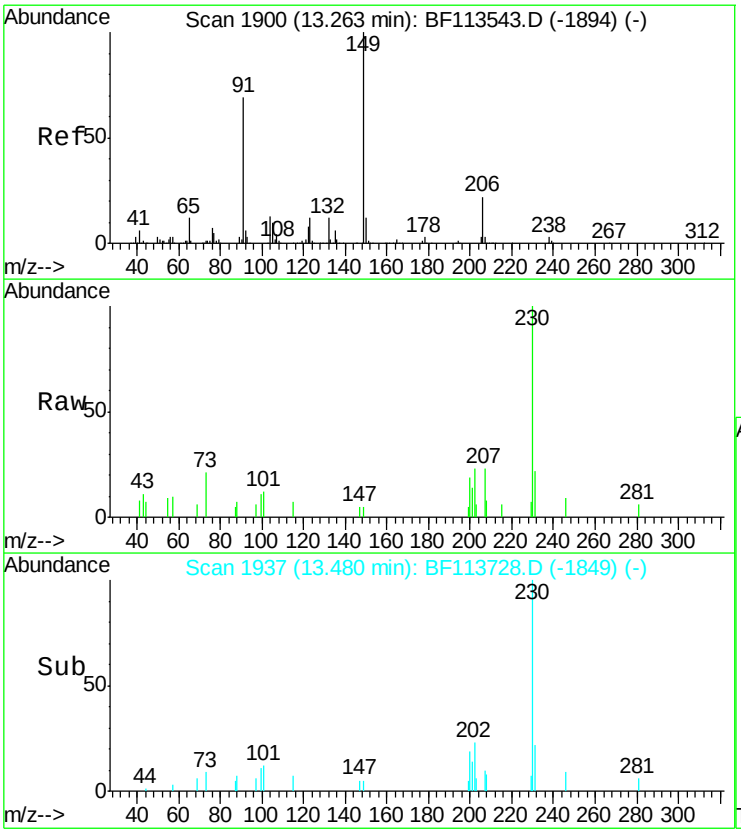
#79
Terphenyl-d14
Concen: 72.556 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1217577

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.7	8.6	13.0

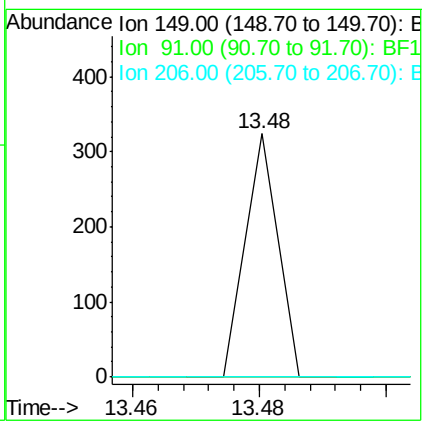


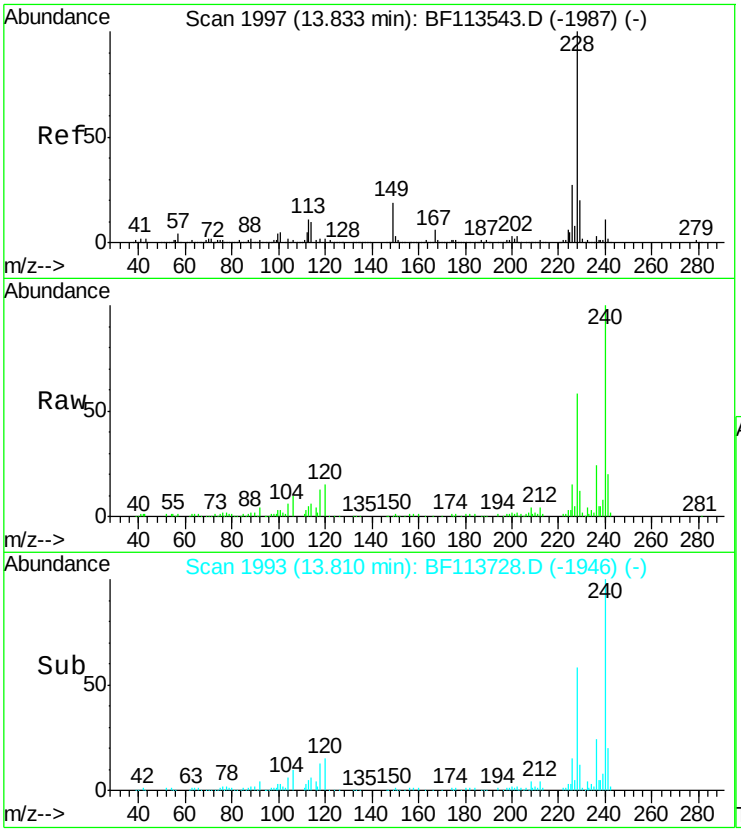


#80
Butylbenzylphthalate
Concen: 0.011 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.22 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:149 Resp: 114

Ion	Ratio	Lower	Upper
149	100		
91	0.0	55.2	82.8#
206	0.0	16.1	24.1#



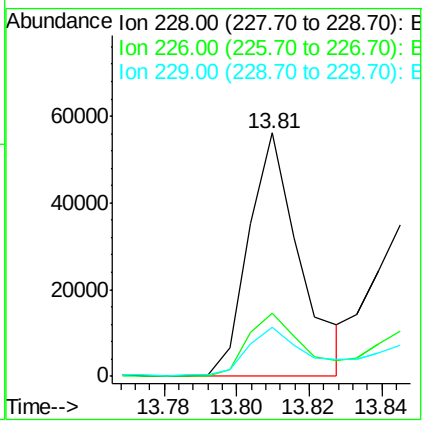


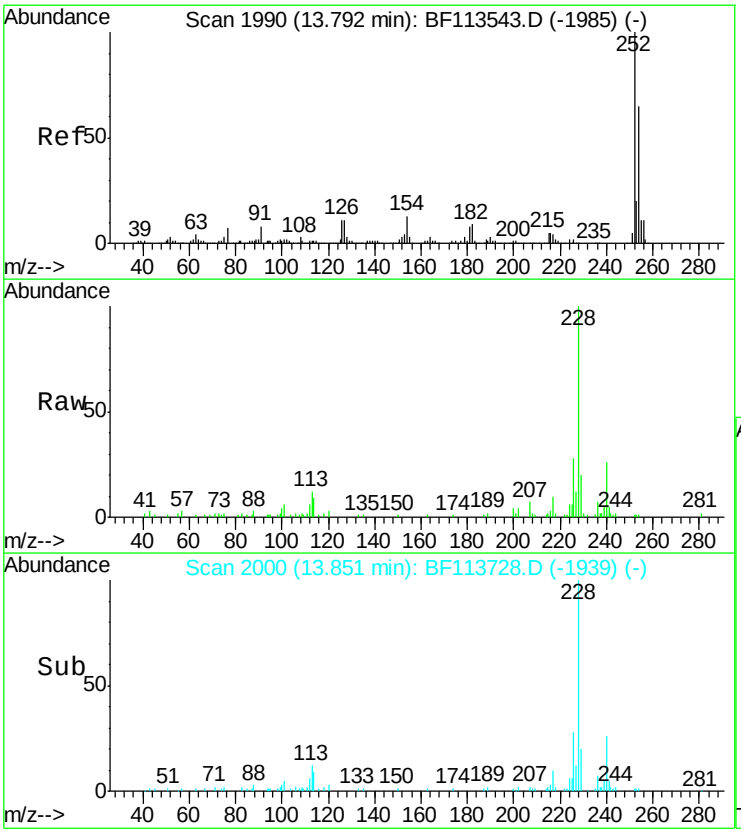
#81
Benzo(a)anthracene
Concen: 2.789 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54974

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.4	16.2	24.4

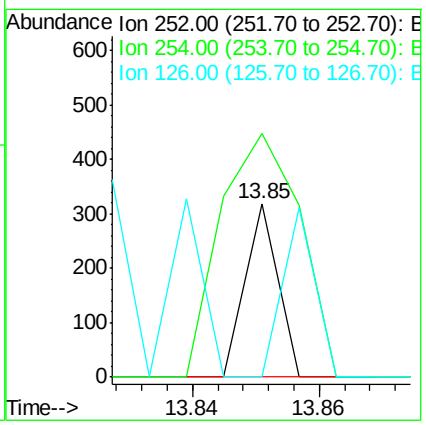


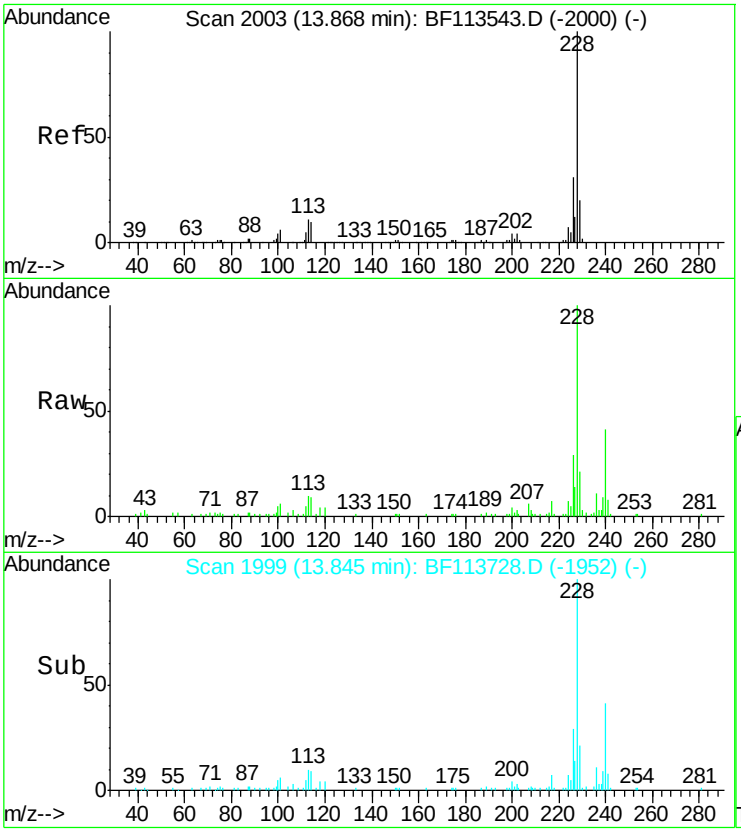


#82
3,3'-Dichlorobenzidine
Concen: 0.015 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:252 Resp: 113

Ion	Ratio	Lower	Upper
252	100		
254	140.1	52.2	78.2#
126	0.0	8.5	12.7#



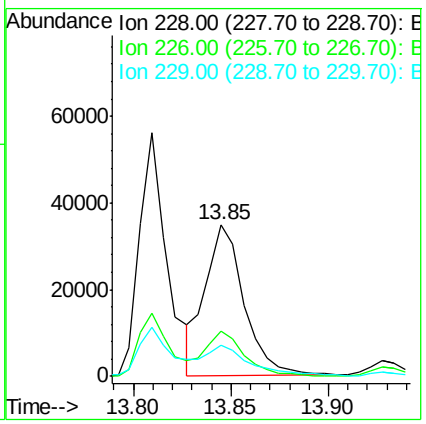


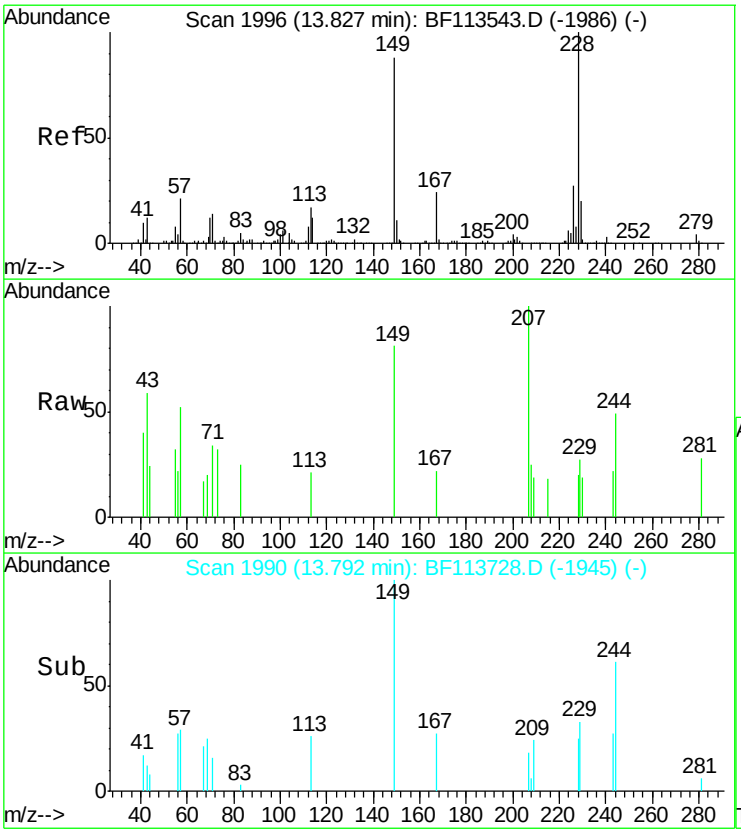
#83
Chrysene
Concen: 2.419 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48333

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	20.8	16.3	24.5

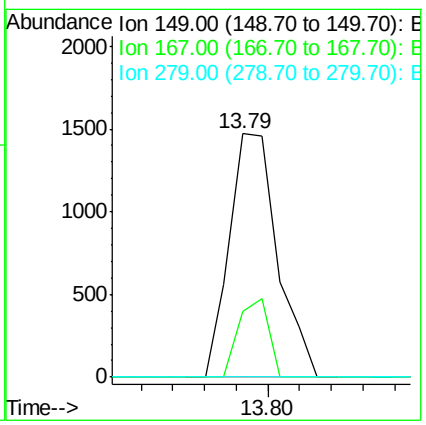


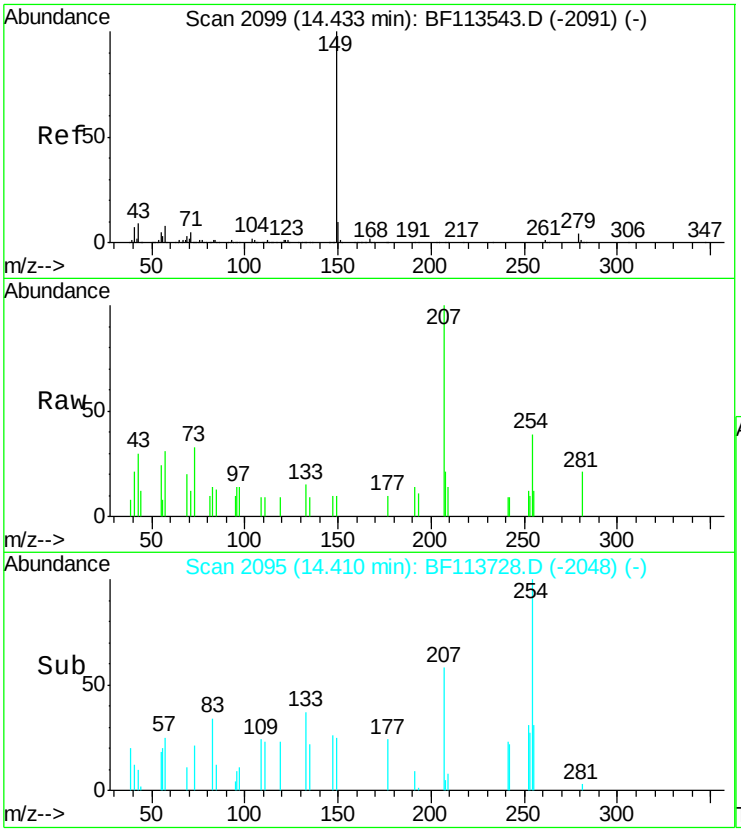


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:149 Resp: 1541

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	0.0	2.9	4.3#



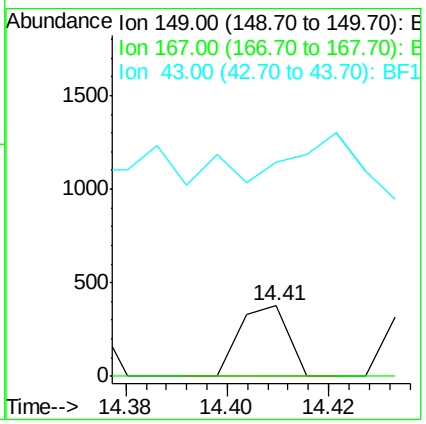


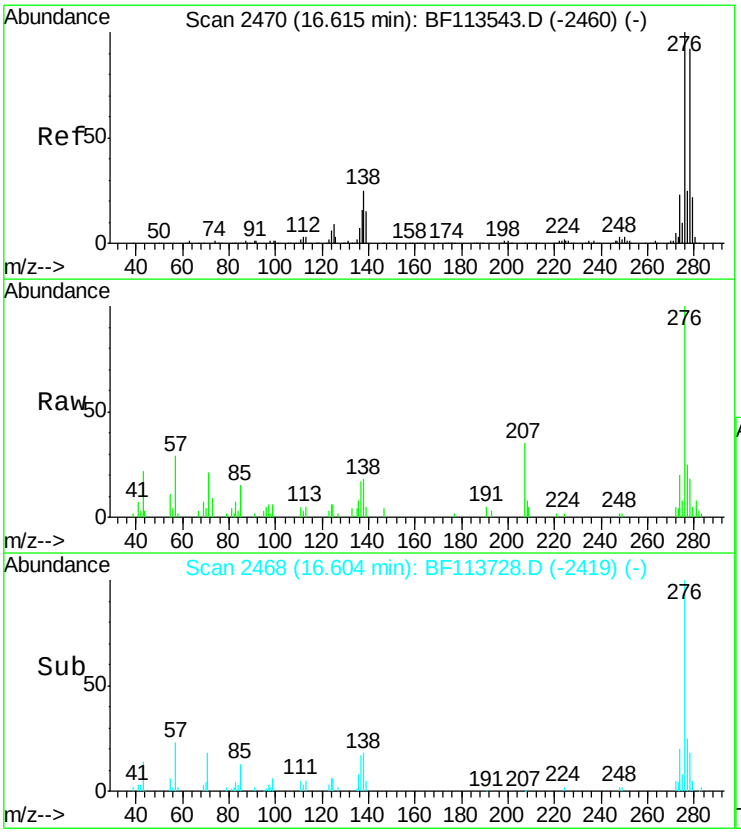
#85
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 251

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.7	11.5#

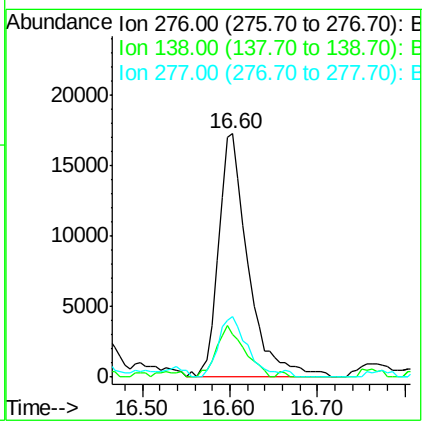


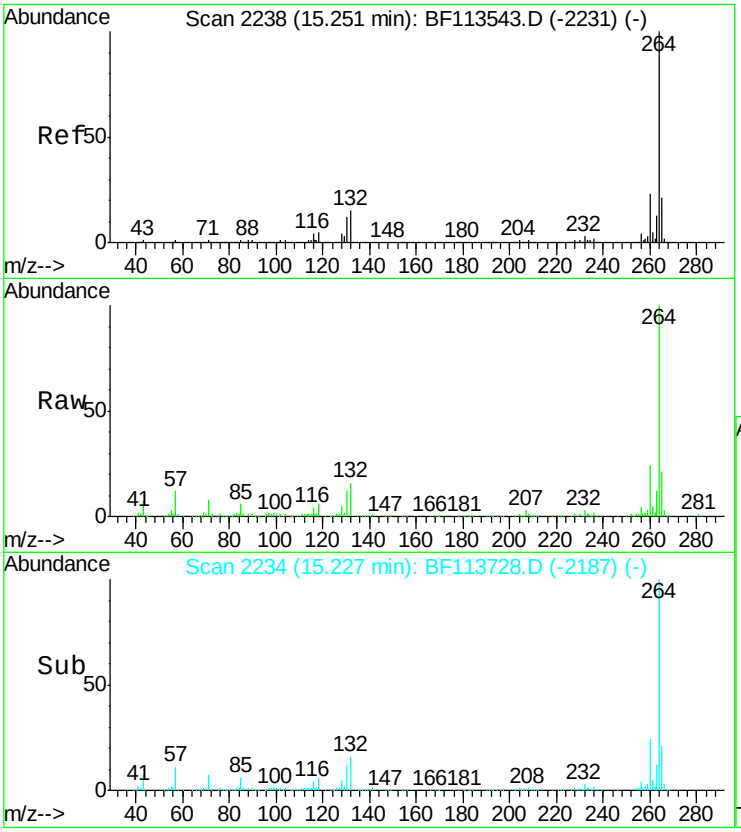


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.182 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:276 Resp: 40255

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	24.1	20.2	30.4



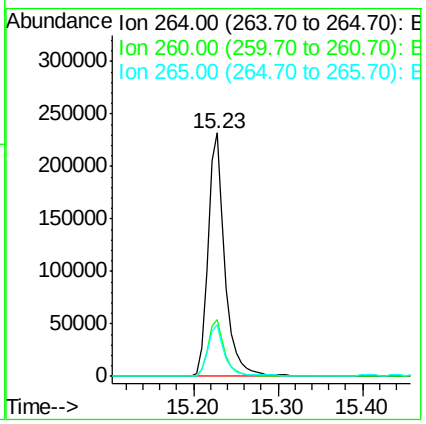


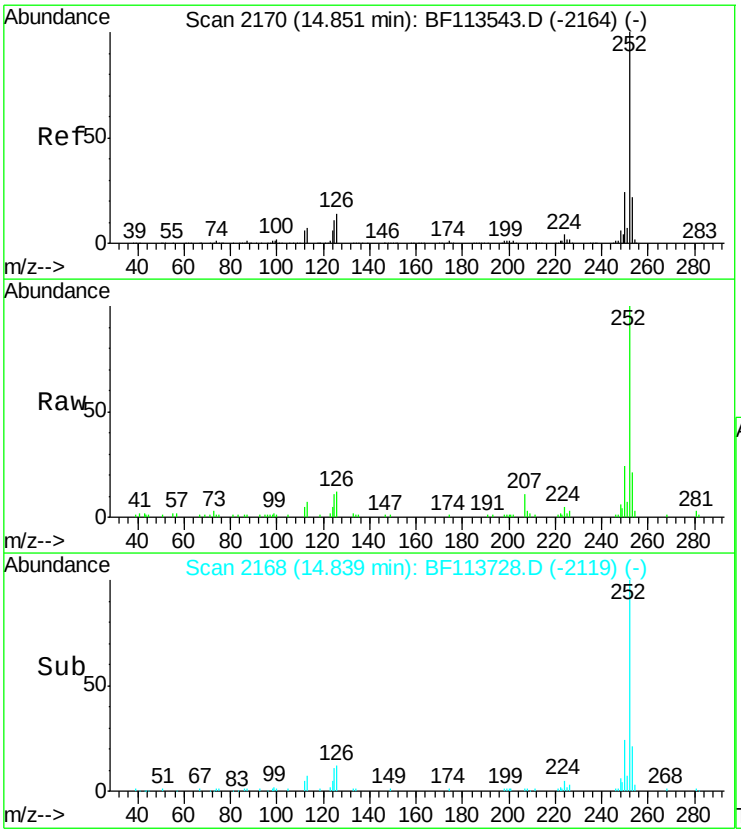
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 327079

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.0	17.1	25.7

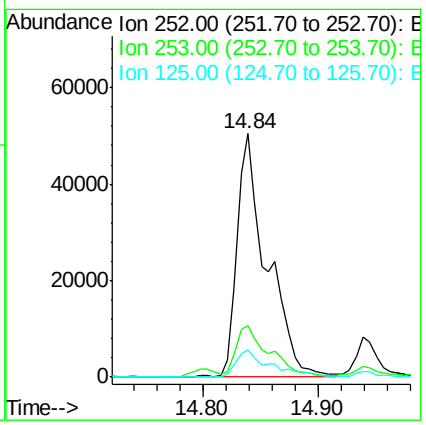


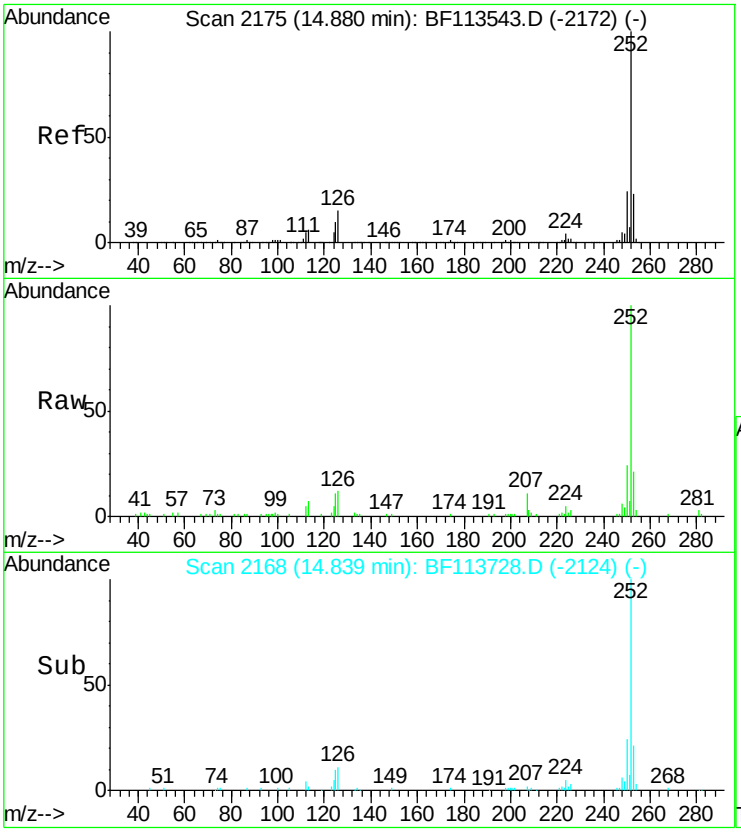


#88
Benzo(b)fluoranthene
Concen: 4.534 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:252 Resp: 90783

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	11.2	7.6	11.4



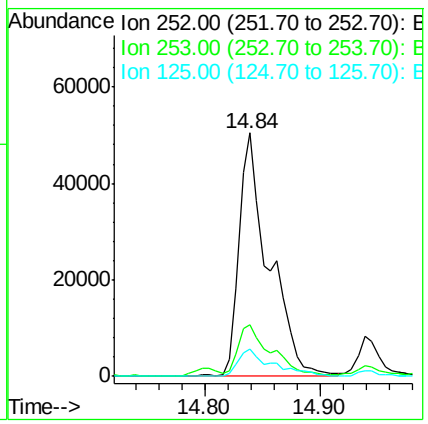


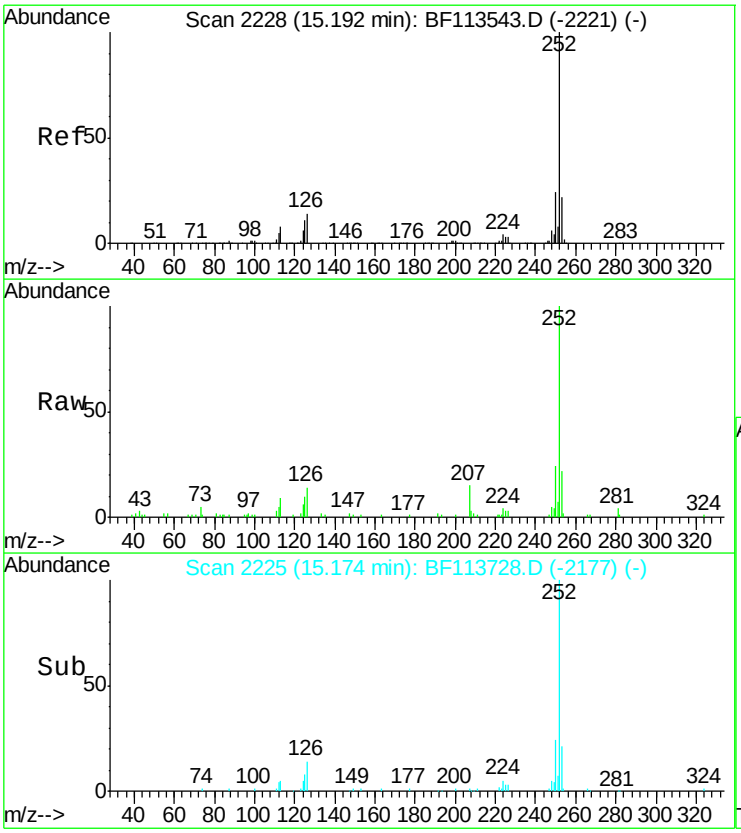
#89
Benzo(k)fluoranthene
Concen: 5.052 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90783

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	11.2	7.3	10.9#

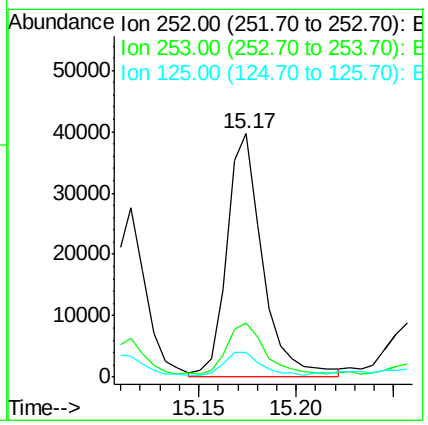


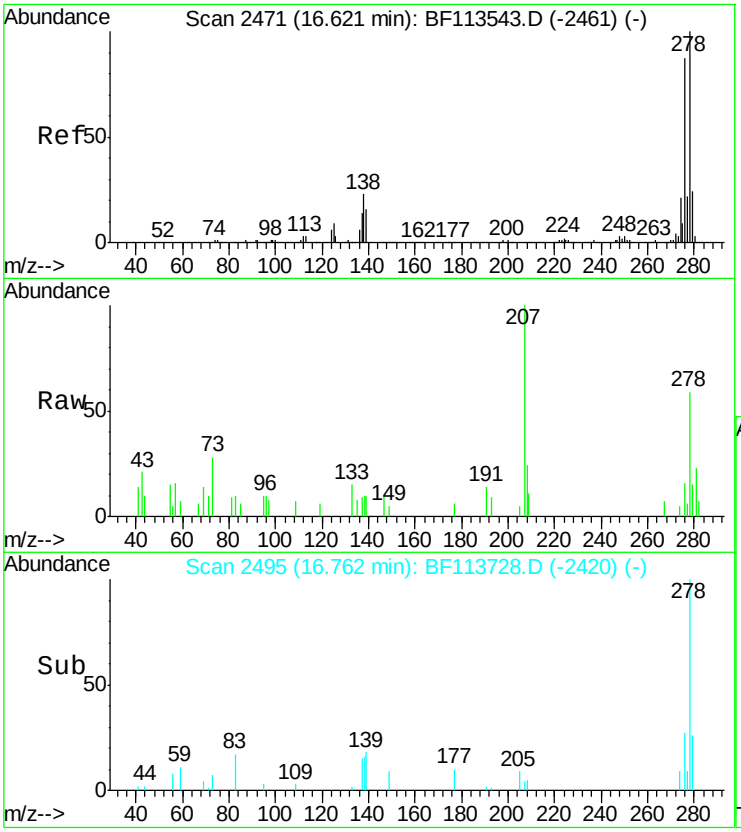


#90
Benzo(a)pyrene
Concen: 2.840 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:252 Resp: 50521

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.1	8.8	13.2



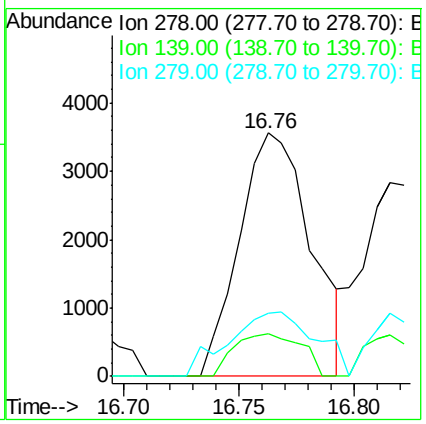


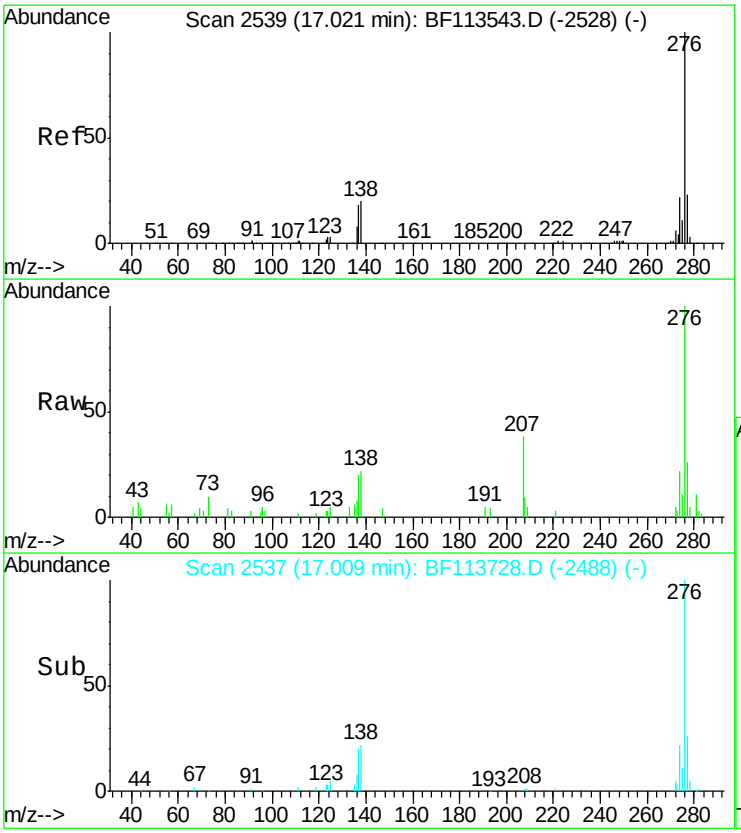
#91
Dibenzo(a,h)anthracene
Concen: 0.462 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.14 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 7683

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.0	18.0
279	25.8	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 2.294 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113728.D
Acq: 11 Apr 2019 19:00

Tgt Ion:276 Resp: 38957

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	21.7	15.6	23.4