Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111990.D
Acq On : 10 Jan 2019 16:33
Operator : JU/SJ
Sample : K1094-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:51:52 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	6.87	152	122159	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	315316	20.00	ng		-0.02
39) Acenaphthene-d10	9.93	164	137654	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	148336	20.00	ng		0.05
76) Chrysene-d12	14.08	240	304196	20.00	ng		0.02
87) Perylene-d12	15.54	264	202233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	781043	109.38	ng		-0.01
7) Phenol-d6	6.53	99	1225935	133.21	ng		0.00
23) Nitrobenzene-d5	7.43	82	644394	109.22	ng		-0.02
42) 2,4,6-Tribromophenol	10.73	330	190438	106.36	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	607261	64.33	ng		-0.02
79) Terphenyl-d14	13.05	244	617341	38.52	ng		0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	172337	30.787	ng	#	1
10) Phenol	6.53	94	40667	4.066	ng		90
18) Hexachloroethane	7.37	117	6826	2.096	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	87376	14.612	ng	#	78
22) Acetophenone	7.27	105	84902	10.636	ng	#	53
24) Nitrobenzene	7.41	77	14716	2.466	ng	#	19
25) Isophorone	7.43	82	642430	67.245	ng	#	65
31) Naphthalene	8.18	128	141126	9.428	ng		99
33) 4-Chloroaniline	8.18	127	18610	2.876	ng	#	31
37) 2-Methylnaphthalene	8.87	142	127619	13.760	ng		99
38) 1-Methylnaphthalene	8.97	142	61503	6.914	ng		97
48) 2-Nitroaniline	9.63	65	10589	3.833	ng		89
50) Dimethylphthalate	9.63	163	326328	31.558	ng	#	93
51) 2,6-Dinitrotoluene	9.69	165	32090	13.877	ng	#	31
53) 3-Nitroaniline	9.88	138	20218	8.164	ng	#	22
56) 4-Nitrophenol	10.03	139	3925	2.243	ng	#	1
57) 2,4-Dinitrotoluene	10.10	165	6639	2.222	ng	#	40
60) Diethylphthalate	10.35	149	35371	3.535	ng	#	30
65) 4,6-Dinitro-2-methylphenol	10.56	198	2780	3.037	ng	#	1
66) n-Nitrosodiphenylamine	10.62	169	20901	4.199	ng	#	78
69) Atrazine	11.16	200	11745	6.716	ng	#	1
70) Pentachlorophenol	11.26	266	4022	3.319	ng	#	21
71) Phenanthrene	11.49	178	19568	2.467	ng	#	1
74) Di-n-butylphthalate	12.03	149	58812	6.465	ng	#	29
75) Fluoranthene	12.70	202	17530	2.153	ng	#	1
80) Butylbenzylphthalate	13.50	149	22983	2.597	ng	#	49
84) Bis(2-ethylhexyl)phthalate	14.03	149	94281	8.113	ng	#	92
88) Benzo(b)fluoranthene	15.10	252	40206	3.324	ng	#	65
89) Benzo(k)fluoranthene	15.10	252	40206	3.536	ng	#	67

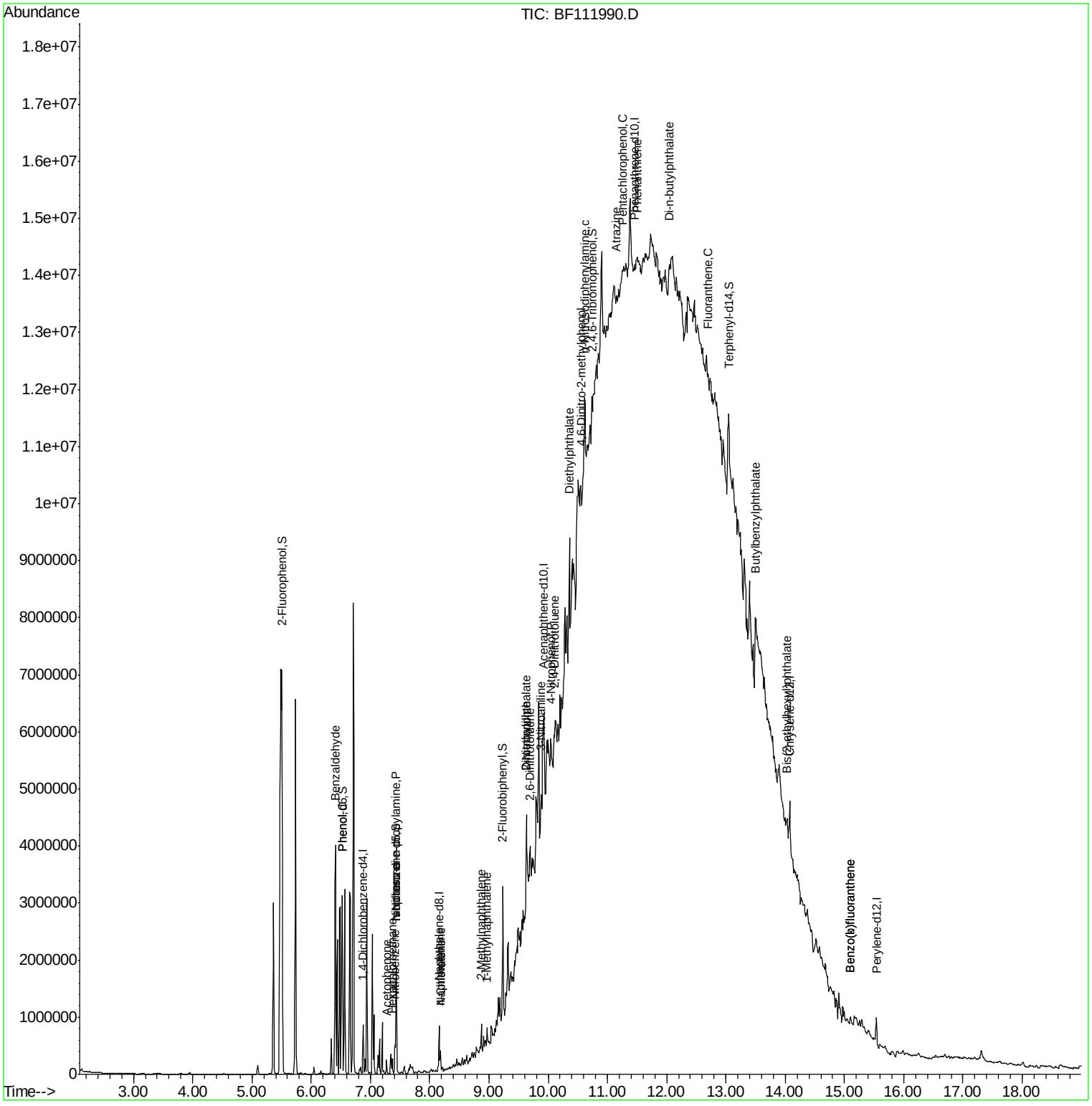
(#) = qualifier out of range (m) = manual integration (+) = signals summed

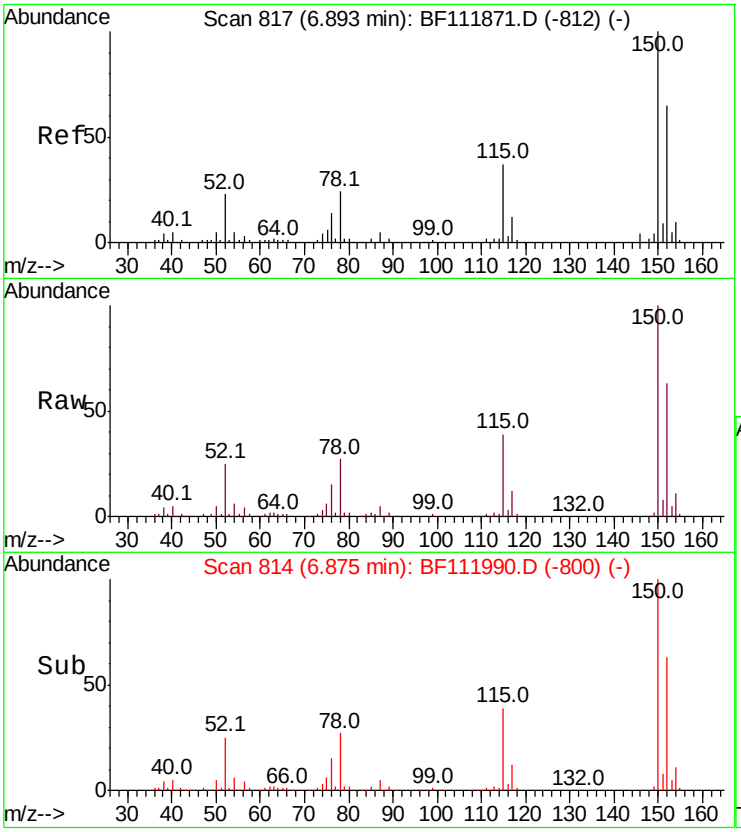
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111990.D
Acq On : 10 Jan 2019 16:33
Operator : JU/SJ
Sample : K1094-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:51:52 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



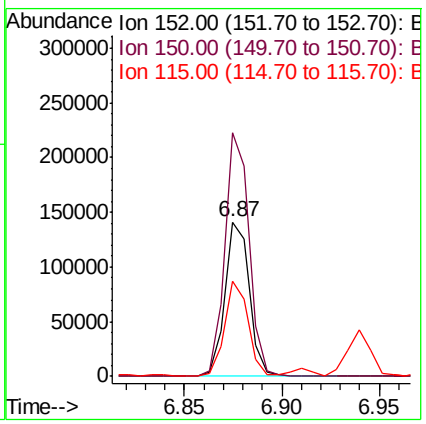


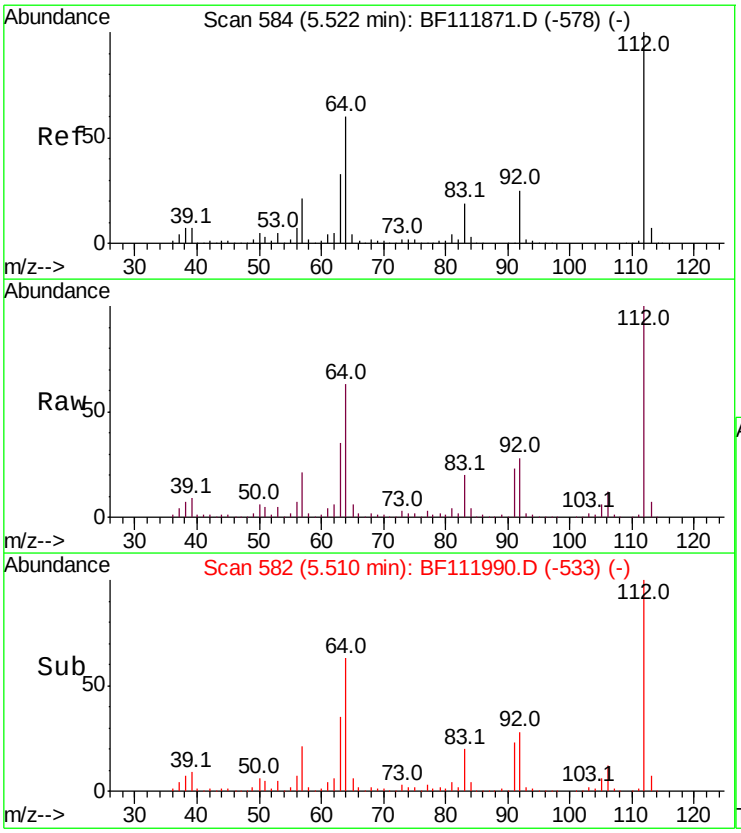
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122159

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.5	45.2	67.8

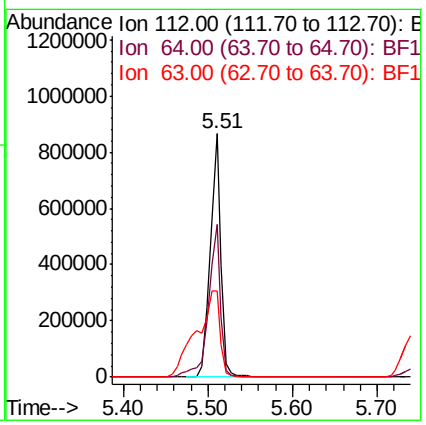


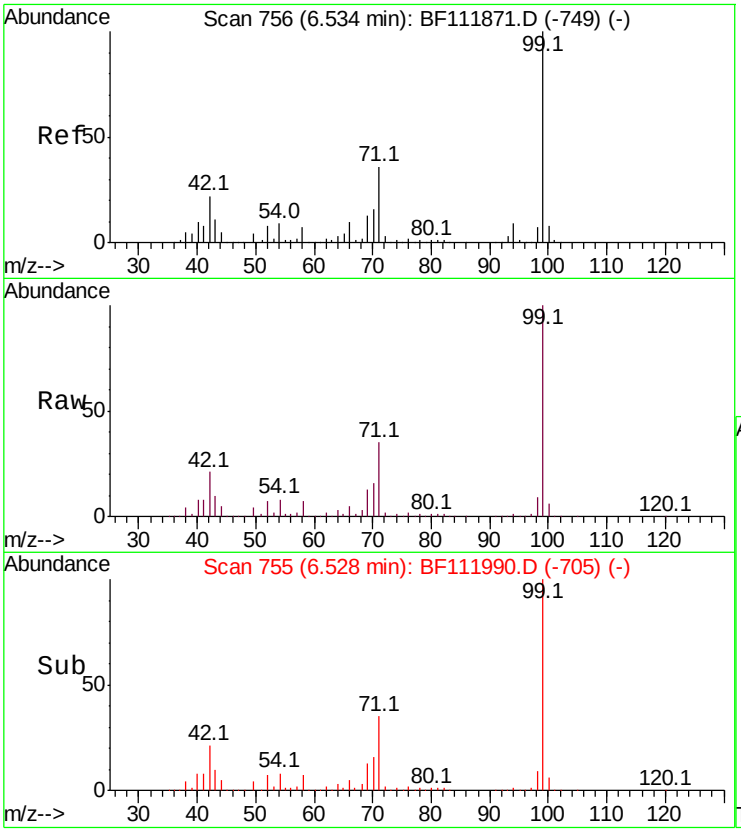


#5
2-Fluorophenol
Concen: 109.384 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:112 Resp: 781043

Ion	Ratio	Lower	Upper
112	100		
64	62.6	48.3	72.5
63	35.2	26.1	39.1



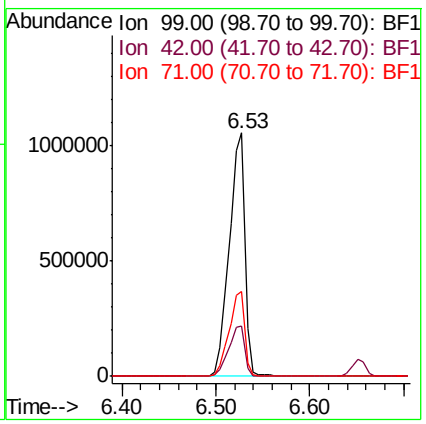


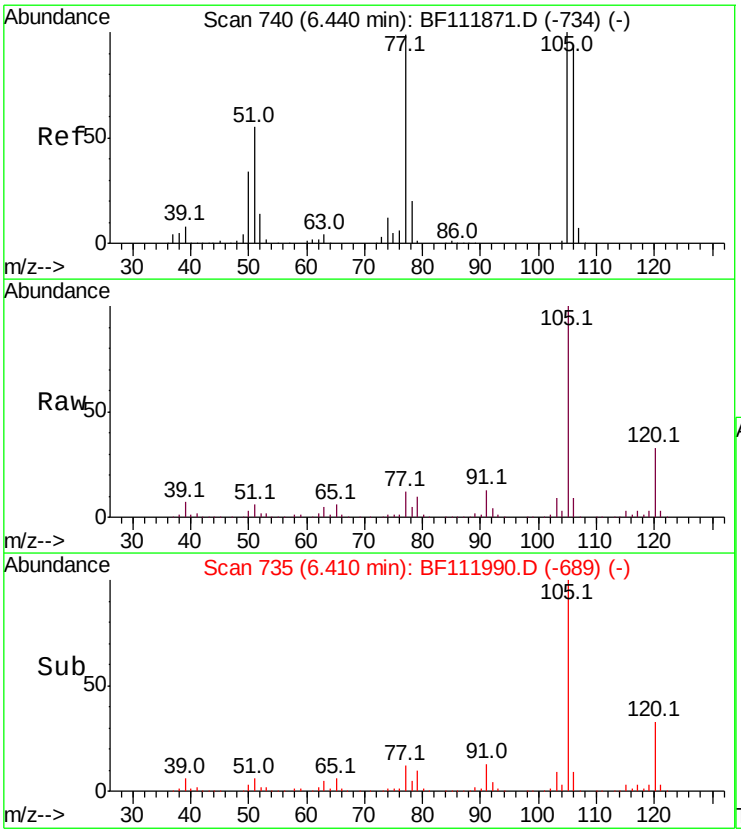
#7
Phenol-d6
Concen: 133.209 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1225935

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.9	26.9
71	34.7	28.7	43.1

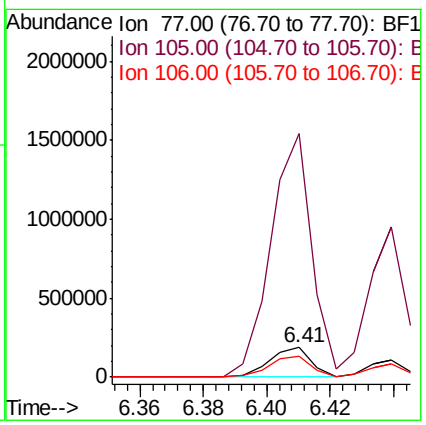


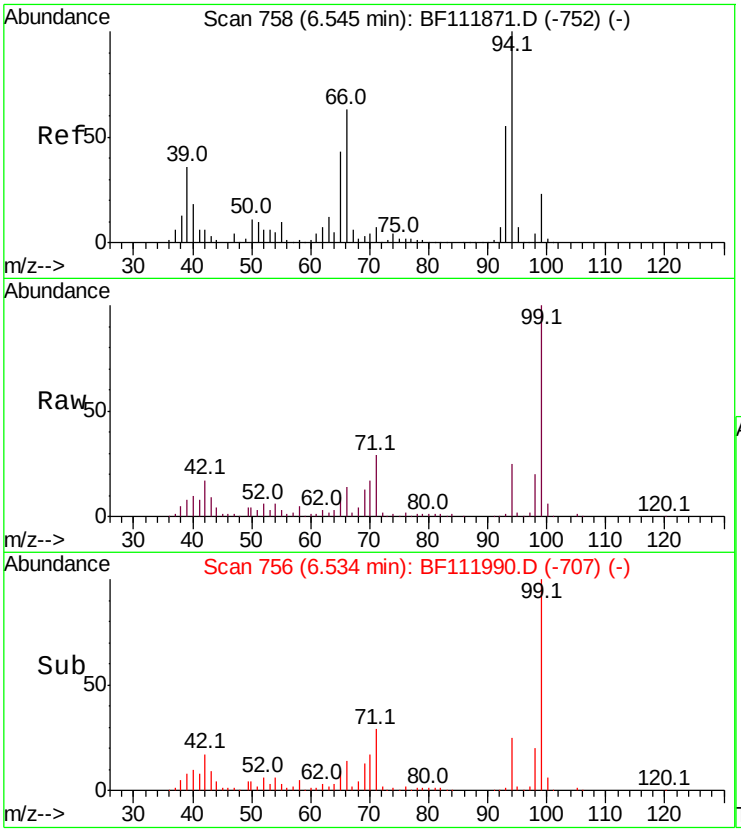


#9
Benzaldehyde
Concen: 30.787 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 77 Resp: 172337

Ion	Ratio	Lower	Upper
77	100		
105	818.5	80.6	120.6#
106	70.9	74.6	114.6#



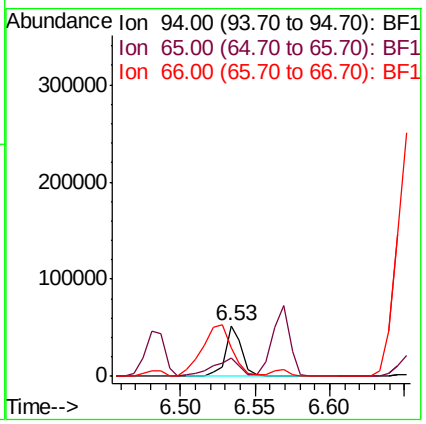


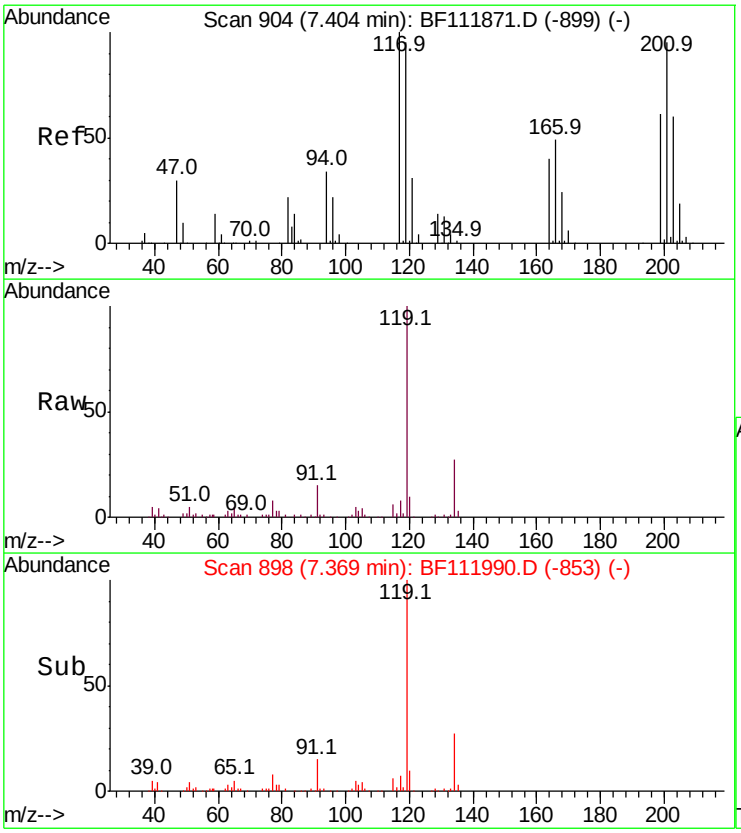
#10
Phenol
Concen: 4.066 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 40667

Ion	Ratio	Lower	Upper
94	100		
65	35.6	22.8	62.8
66	55.8	43.3	83.3

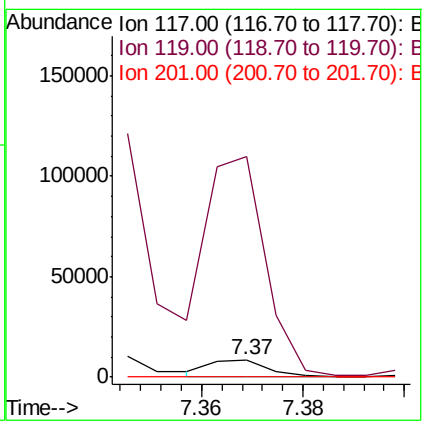


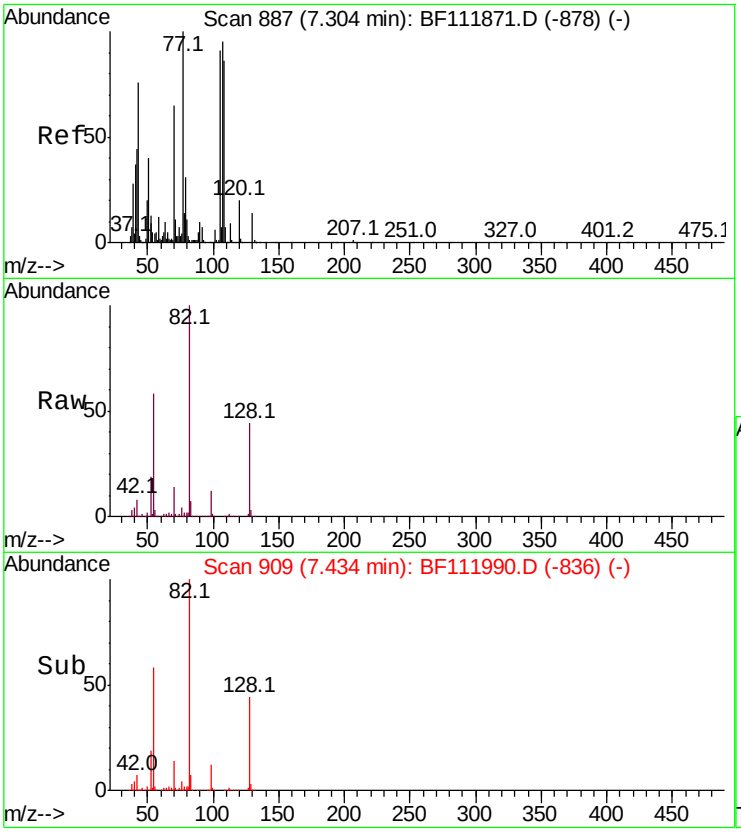


#18
Hexachloroethane
Concen: 2.096 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.04 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:117 Resp: 6826

Ion	Ratio	Lower	Upper
117	100		
119	1259.1	76.2	114.2#
201	0.0	75.7	113.5#



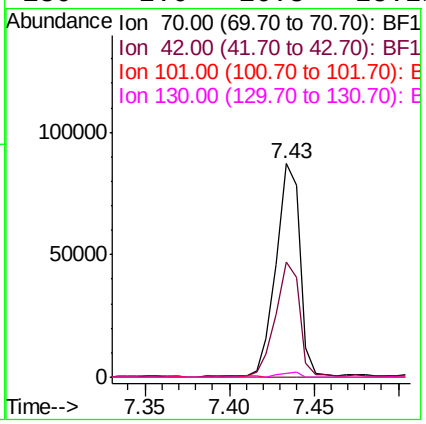


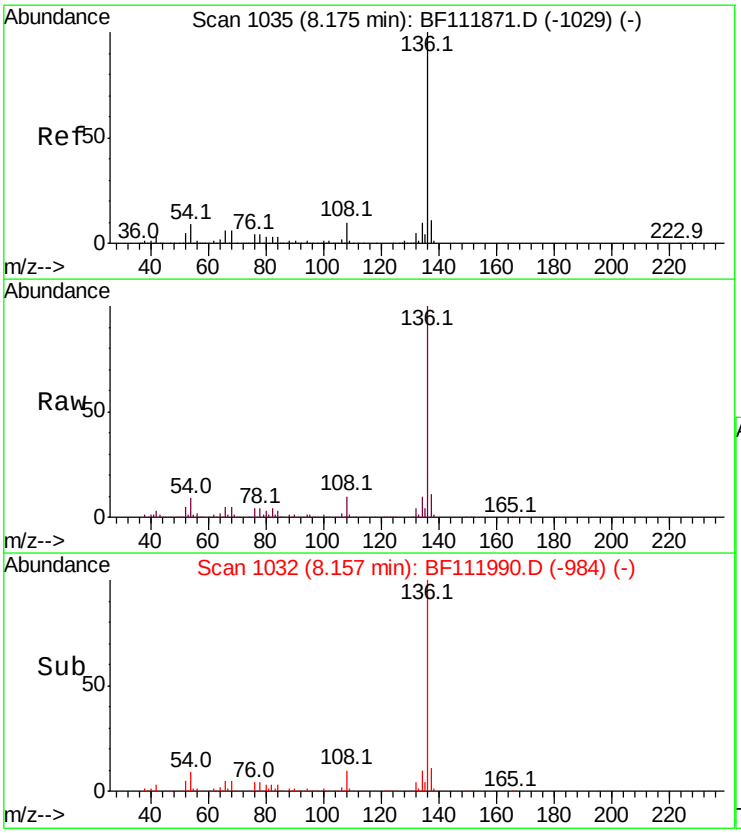
#19
n-Nitroso-di-n-propylamine
Concen: 14.612 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 87376

Ion	Ratio	Lower	Upper
70	100		
42	54.0	53.6	80.4
101	0.0	7.3	10.9#
130	2.0	16.8	25.2#

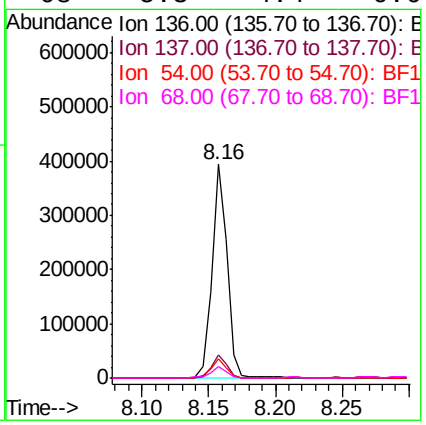


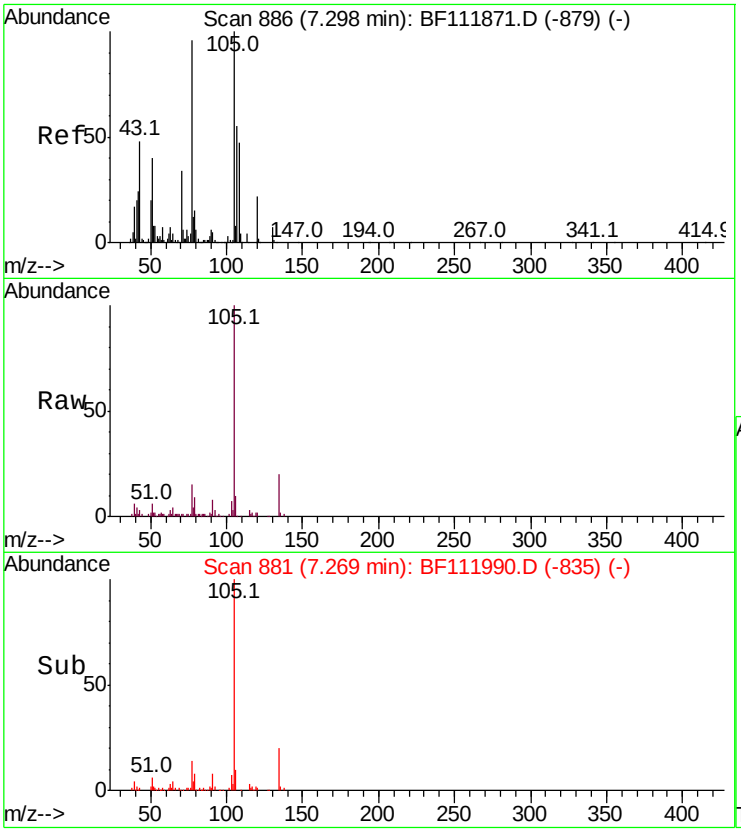


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:136 Resp: 315316

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	7.2	10.8
68	5.3	4.4	6.6



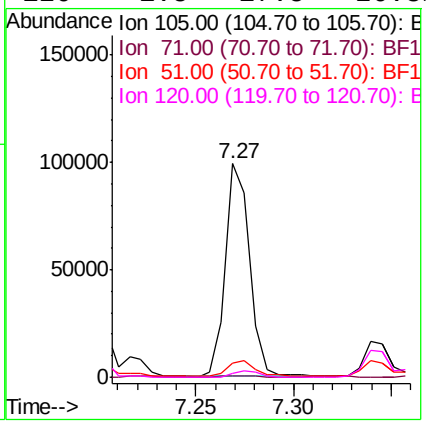


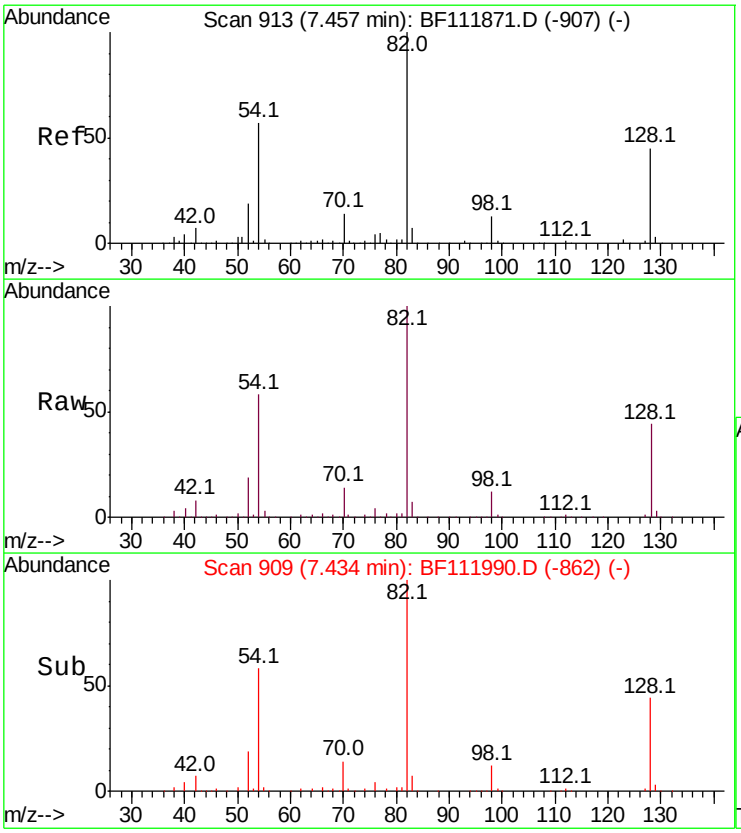
#22
Acetophenone
Concen: 10.636 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 84902

Ion	Ratio	Lower	Upper
105	100		
71	0.7	4.6	6.8#
51	6.4	32.2	48.2#
120	1.5	17.5	26.3#

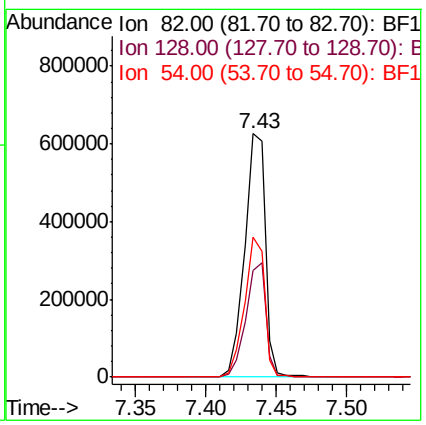


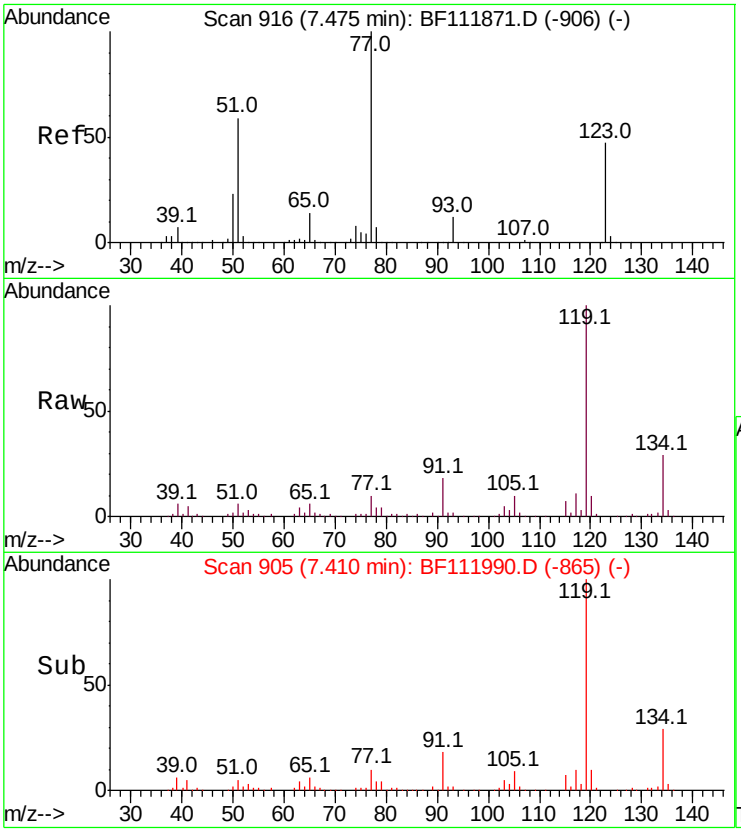


#23
Nitrobenzene-d5
Concen: 109.223 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 82 Resp: 644394

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	57.7	45.8	68.8



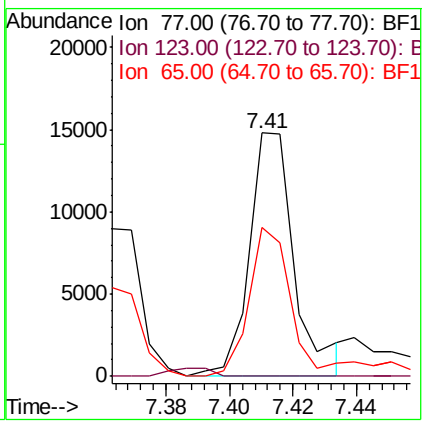


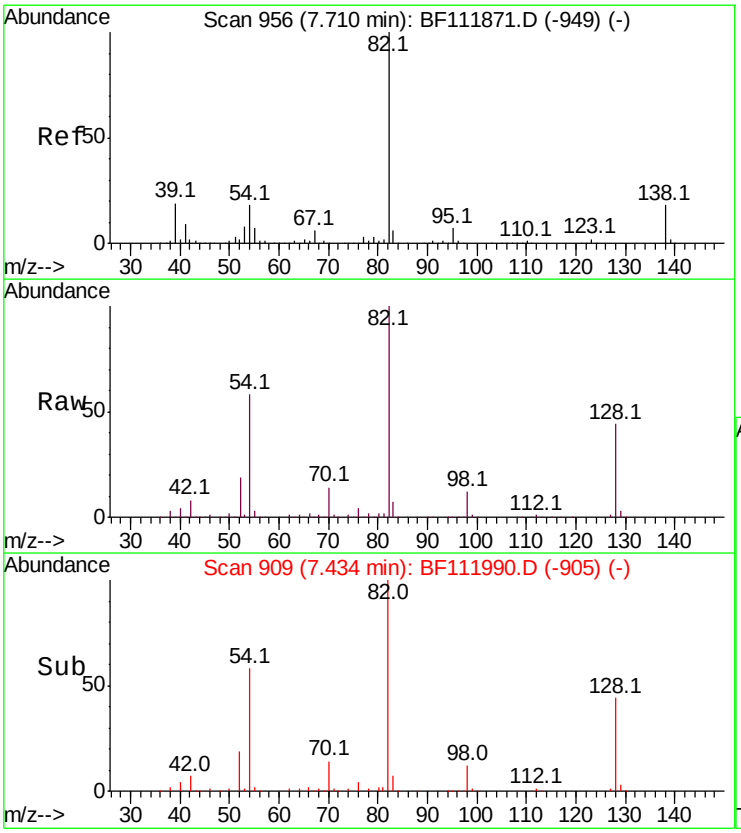
#24
Nitrobenzene
Concen: 2.466 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.06 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 14716

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.1	57.1#
65	61.1	11.0	16.4#

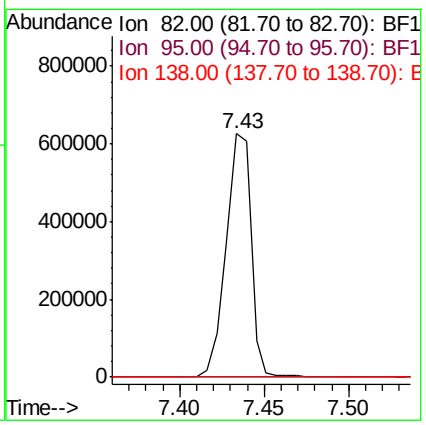


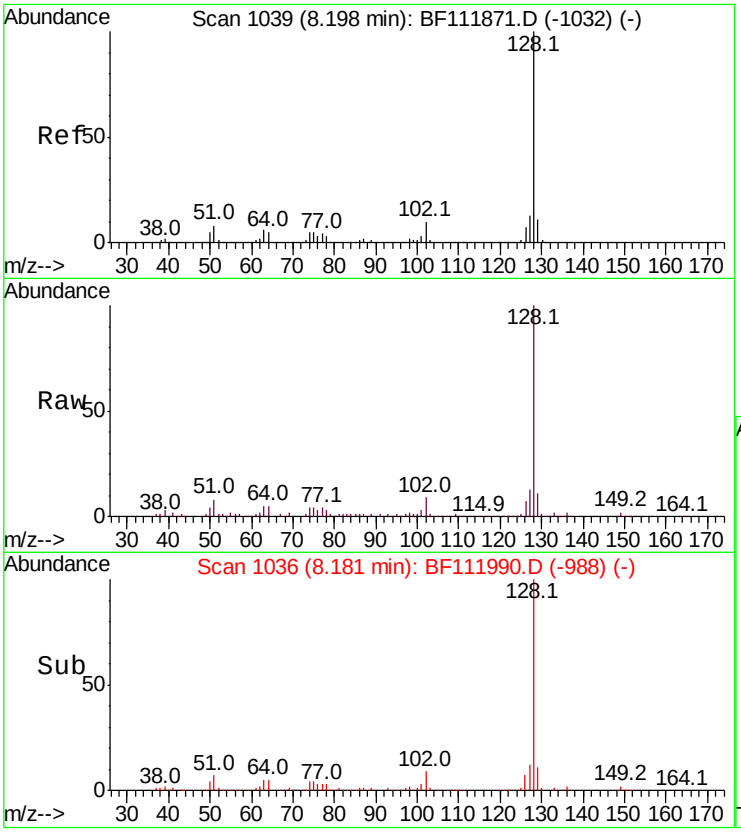


#25
Isophorone
Concen: 67.245 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 82 Resp: 642430

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.4	21.6#



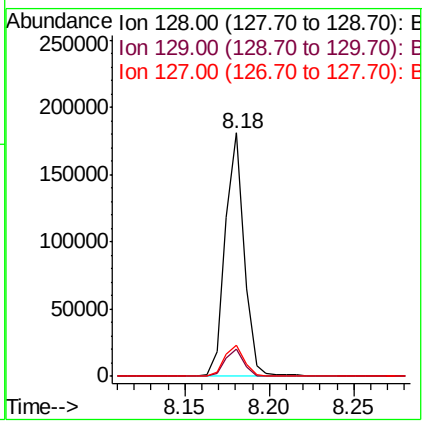


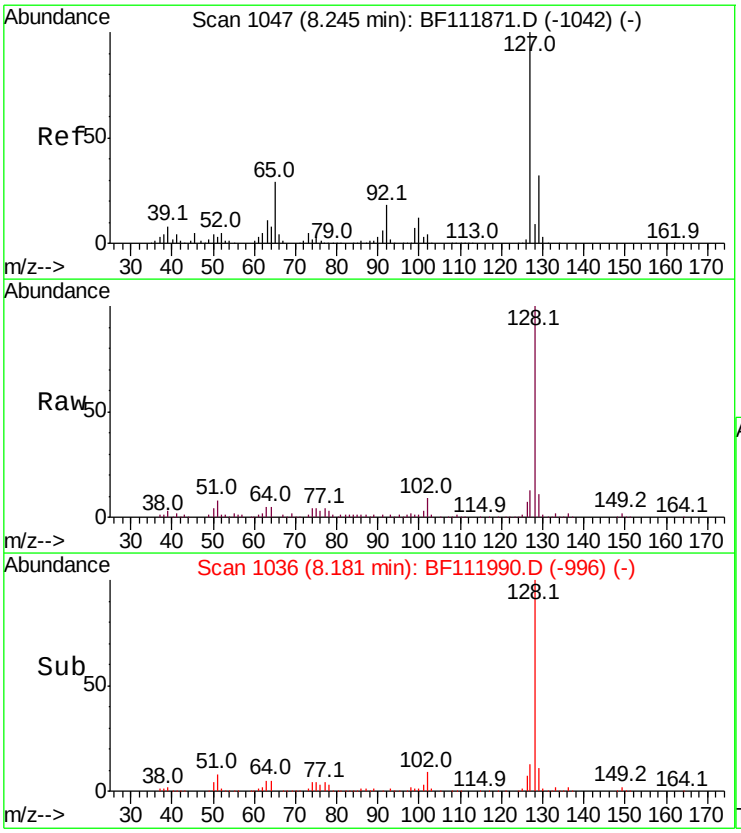
#31
Naphthalene
Concen: 9.428 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 141126

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.7	16.1

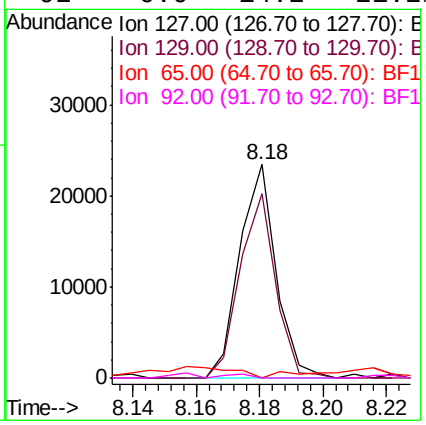


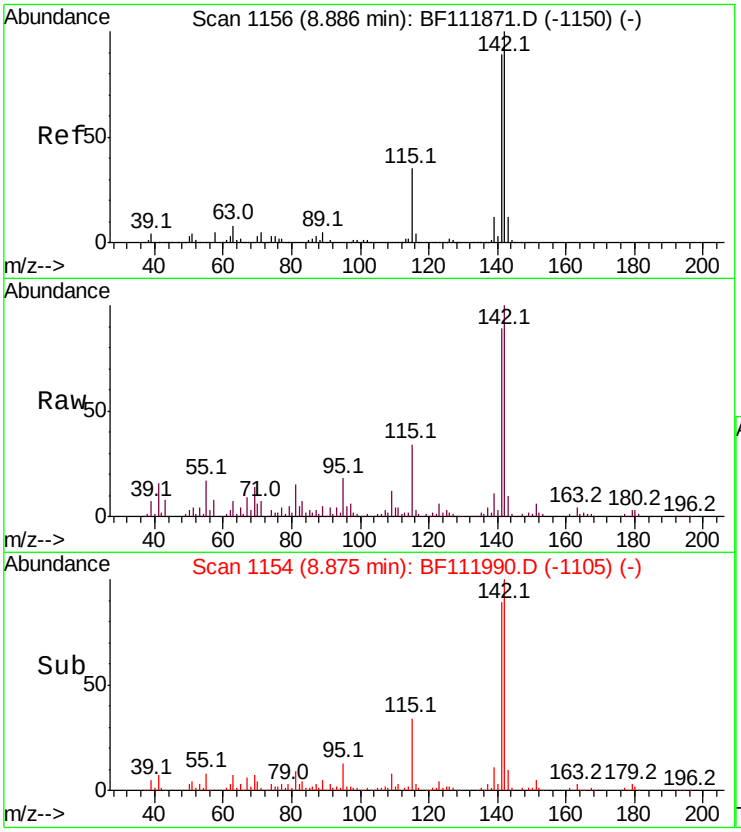


#33
4-Chloroaniline
Concen: 2.876 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:127 Resp: 18610

Ion	Ratio	Lower	Upper
127	100		
129	86.6	25.8	38.6#
65	0.0	23.5	35.3#
92	0.0	14.2	21.2#



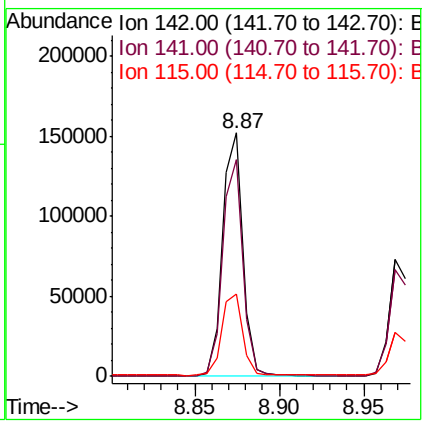


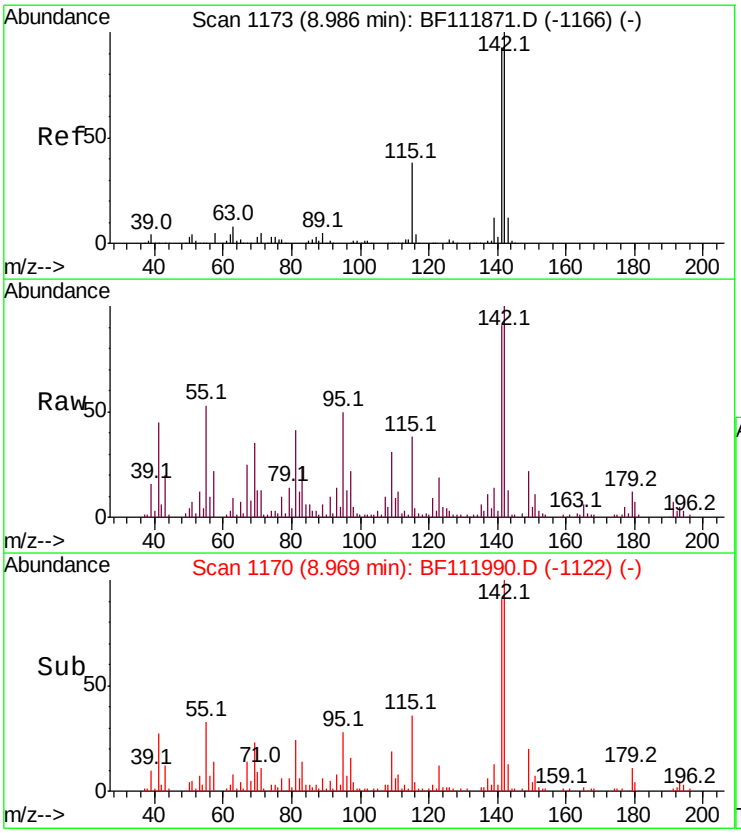
#37
2-Methylnaphthalene
Concen: 13.760 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 127619

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	34.0	28.3	42.5

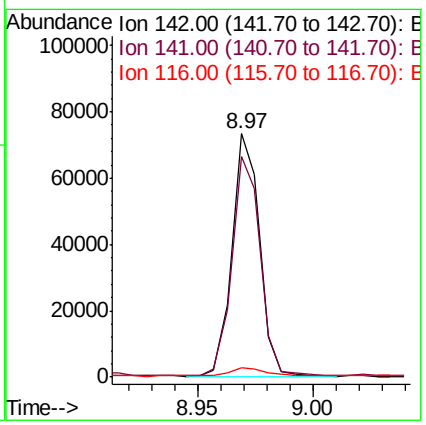


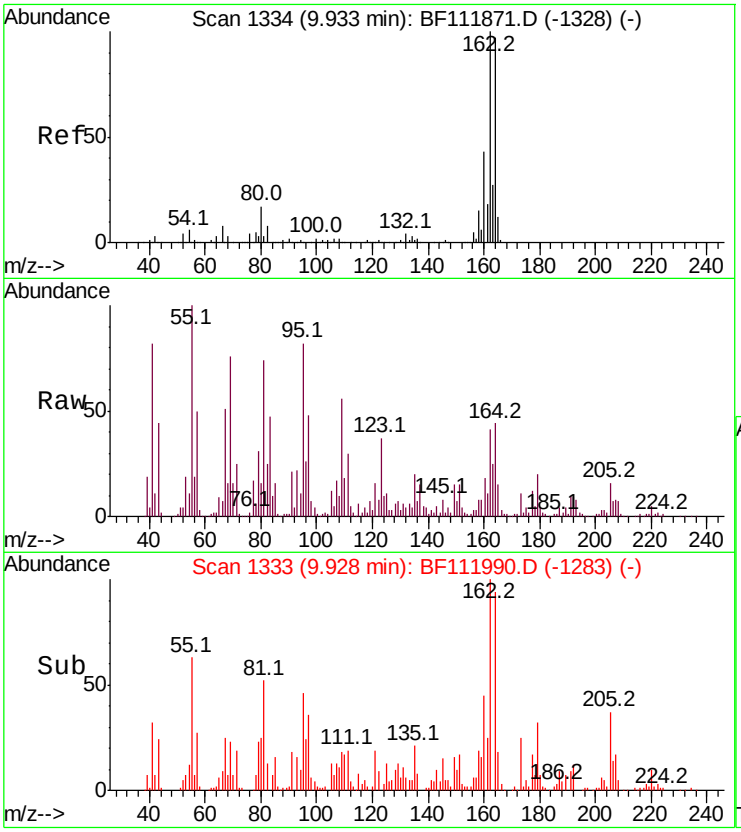


#38
1-Methylnaphthalene
Concen: 6.914 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:142 Resp: 61503

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.8	112.2
116	3.9	3.1	4.7



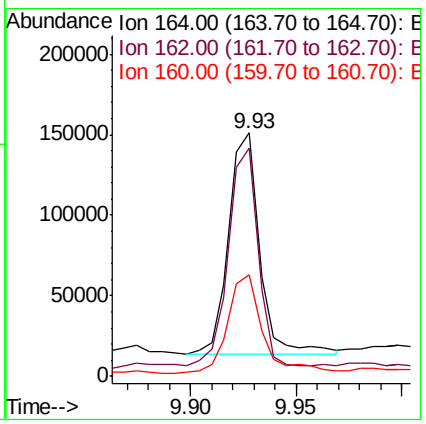


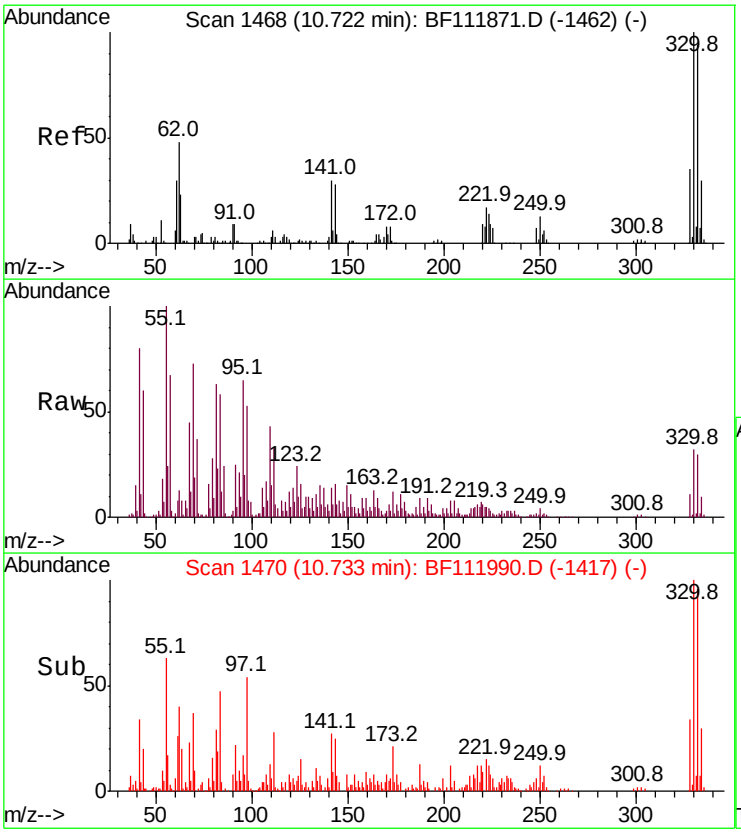
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 137654

Ion	Ratio	Lower	Upper
164	100		
162	93.6	82.2	123.2
160	41.7	35.5	53.3

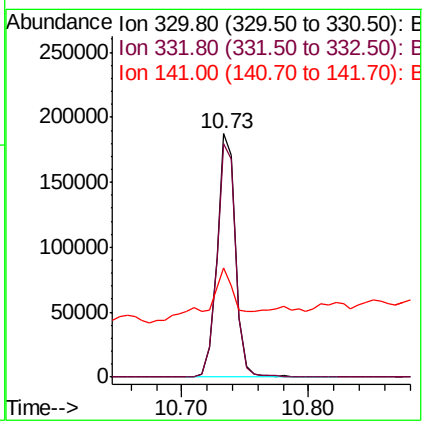


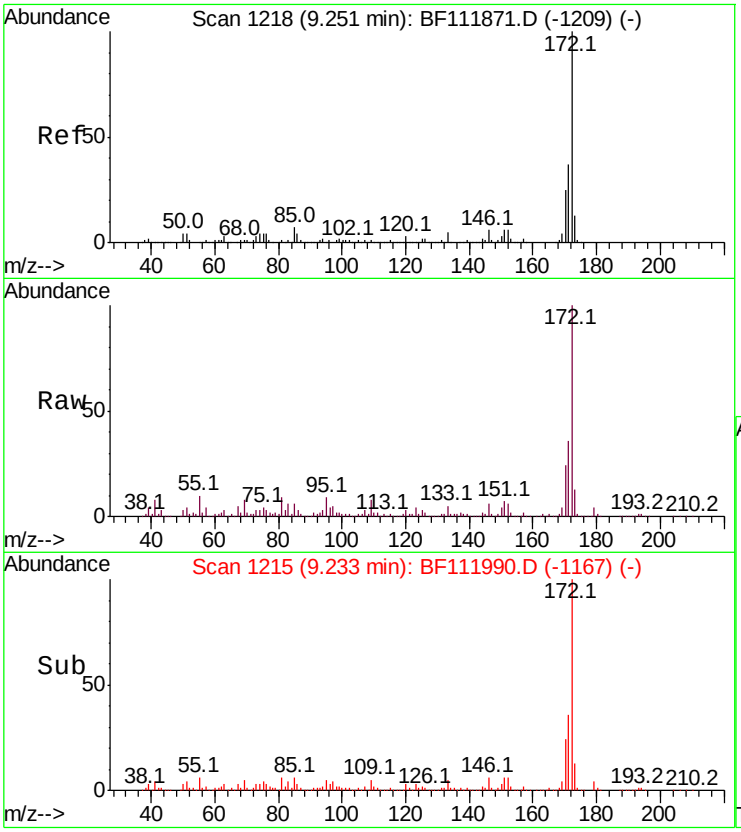


#42
2,4,6-Tribromophenol
Concen: 106.363 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:330 Resp: 190438

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	27.9	23.7	35.5

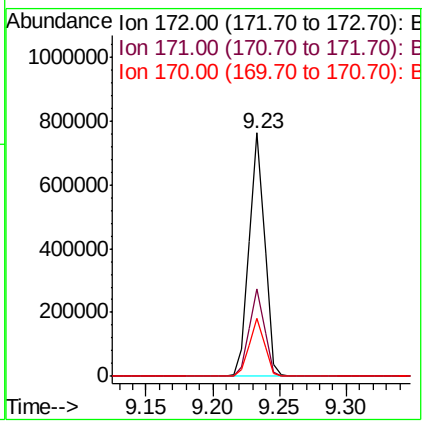




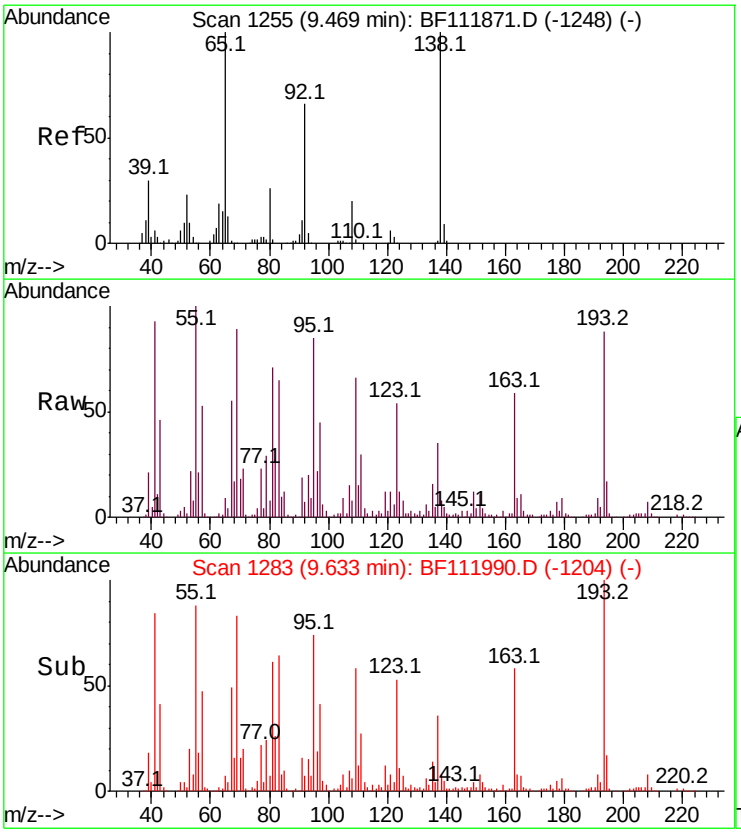
#45
2-Fluorobiphenyl
Concen: 64.329 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:172 Resp: 607261

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8



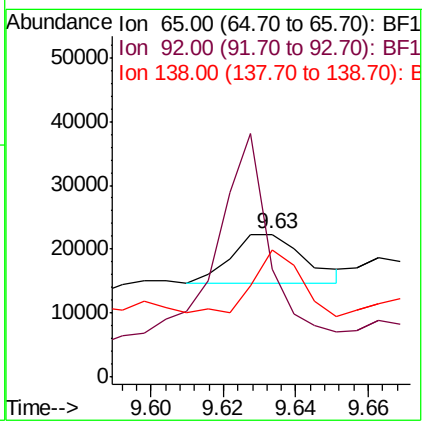
Instrument :
BNA_F
ClientSampleId :

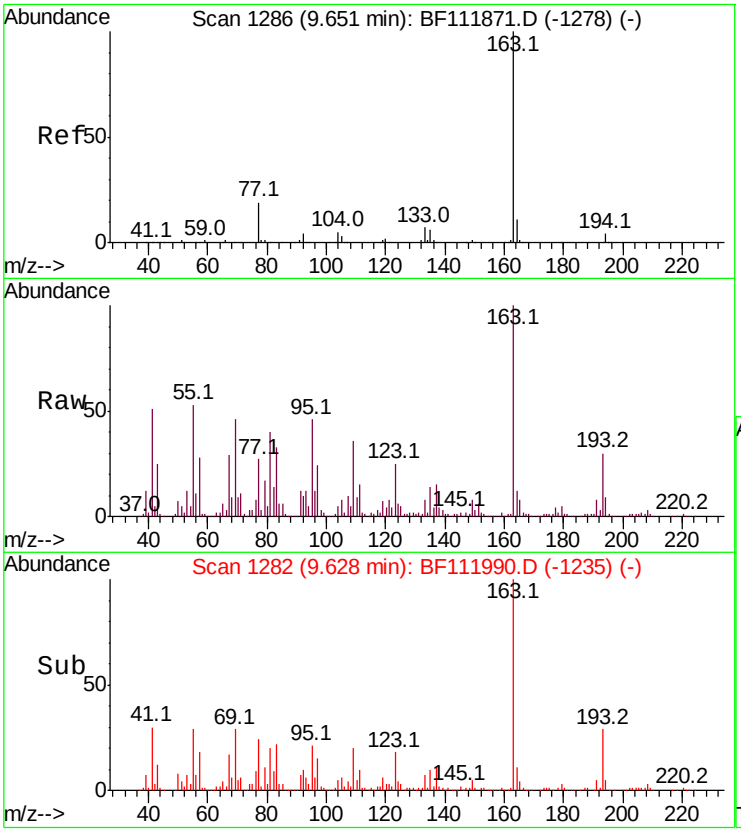


#48
2-Nitroaniline
Concen: 3.833 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.16 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion: 65 Resp: 10589

Ion	Ratio	Lower	Upper
65	100		
92	75.2	52.5	78.7
138	89.4	79.8	119.6



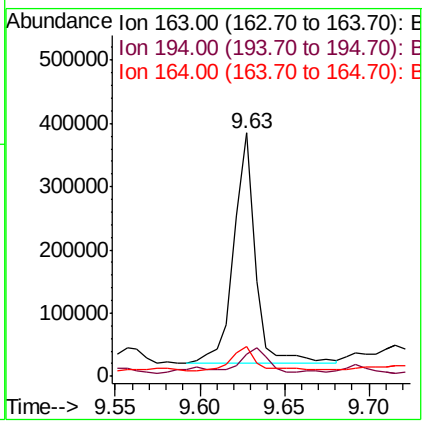


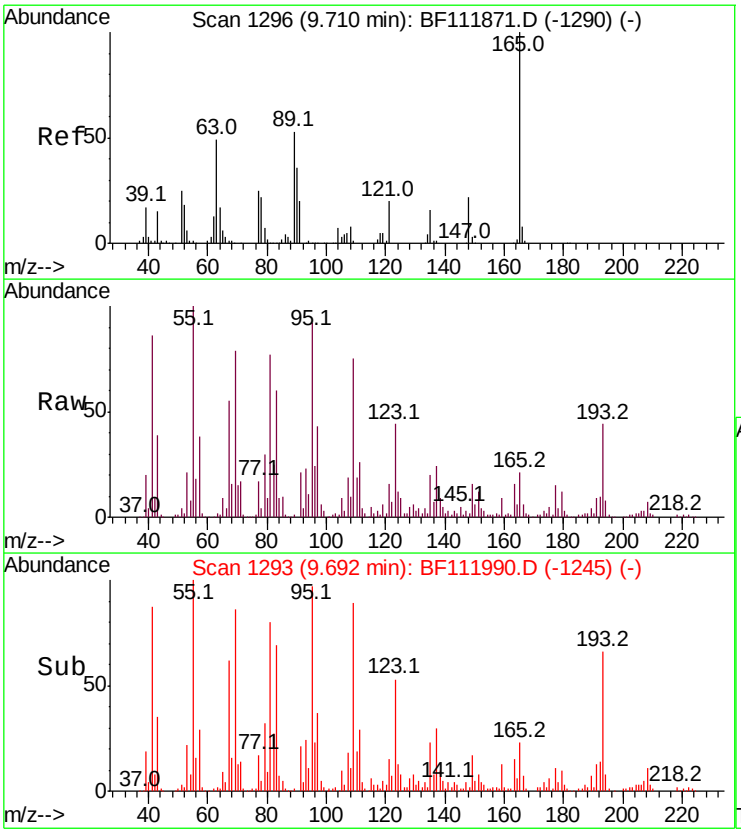
#50
Dimethylphthalate
Concen: 31.558 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 326328

Ion	Ratio	Lower	Upper
163	100		
194	9.1	3.4	5.2#
164	12.2	8.5	12.7

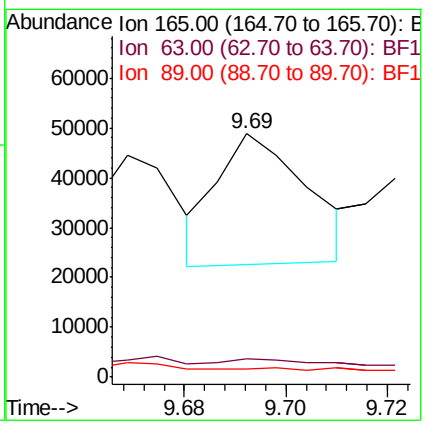


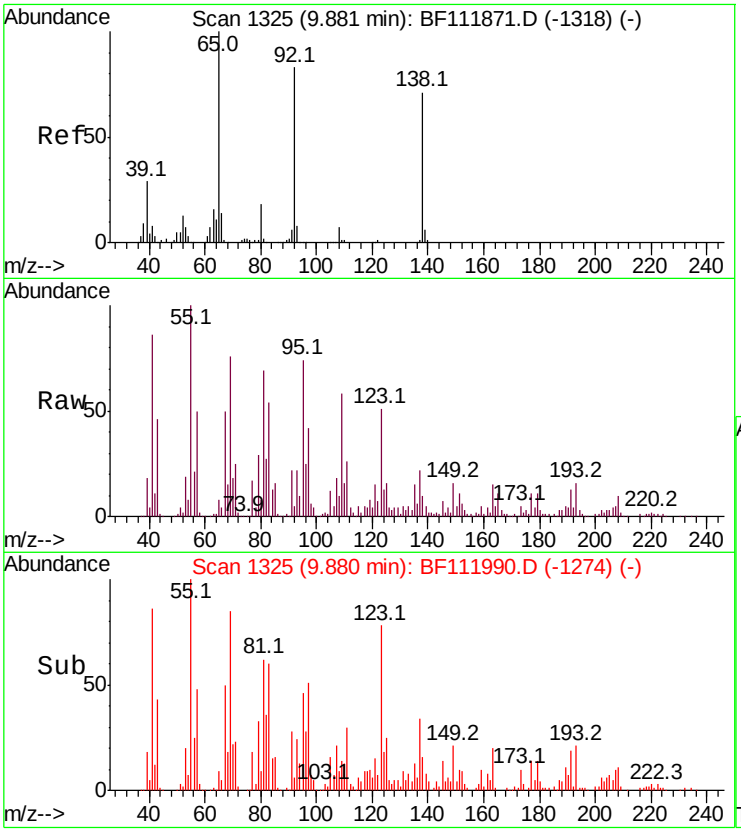


#51
2,6-Dinitrotoluene
Concen: 13.877 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:165 Resp: 32090

Ion	Ratio	Lower	Upper
165	100		
63	7.5	46.2	69.2#
89	3.4	42.2	63.2#



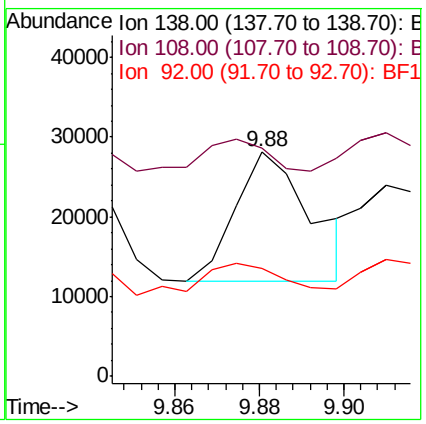


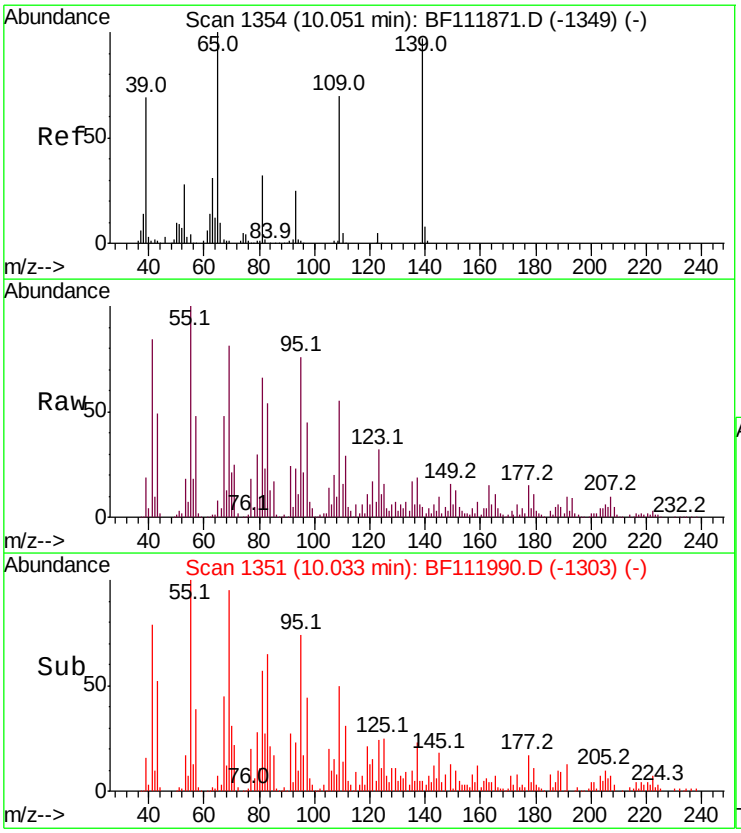
#53
3-Nitroaniline
Concen: 8.164 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 20218

Ion	Ratio	Lower	Upper
138	100		
108	101.8	8.2	12.4#
92	47.8	93.5	140.3#

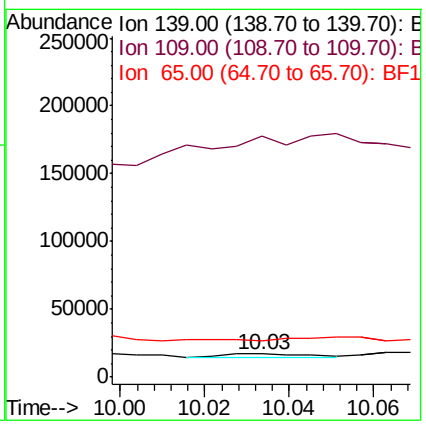


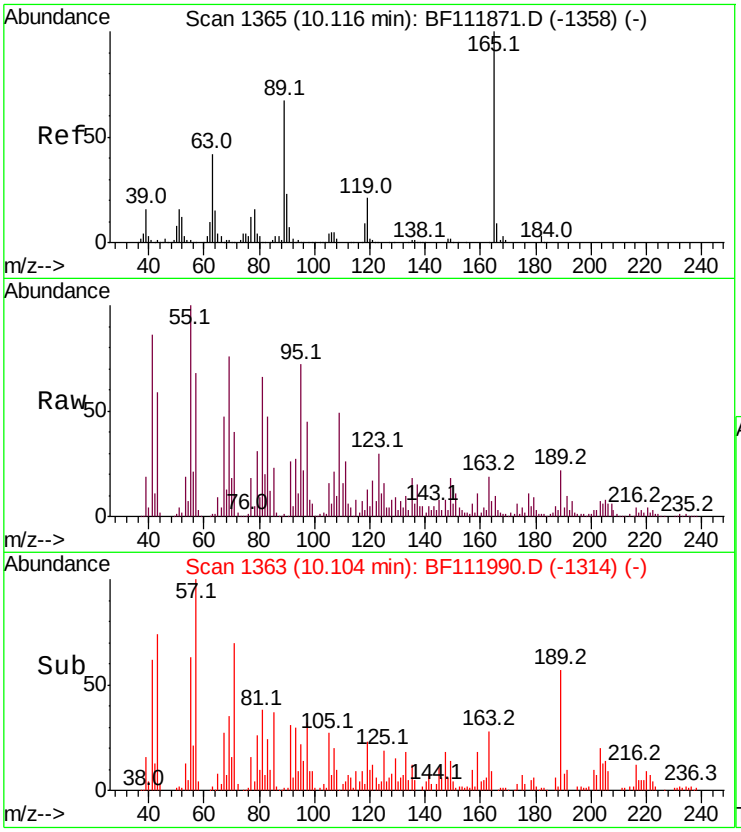


#56
4-Nitrophenol
Concen: 2.243 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:139 Resp: 3925

Ion	Ratio	Lower	Upper
139	100		
109	1038.4	52.2	92.2#
65	158.7	83.1	123.1#



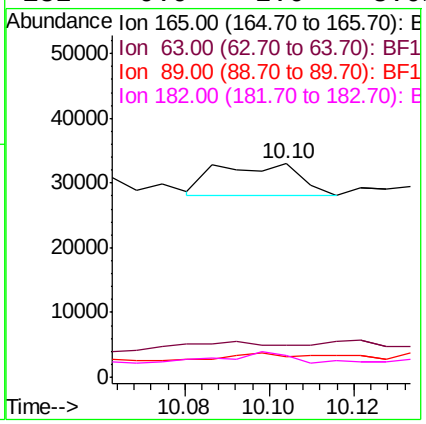


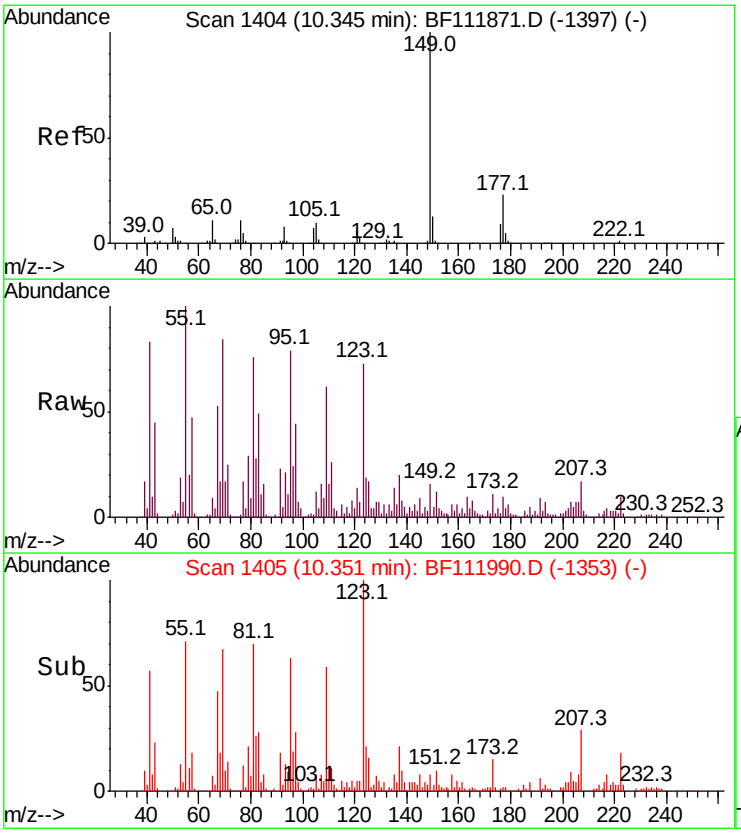
#57
2,4-Dinitrotoluene
Concen: 2.222 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6639

Ion	Ratio	Lower	Upper
165	100		
63	14.9	34.1	51.1#
89	9.7	53.5	80.3#
182	9.9	2.0	3.0#

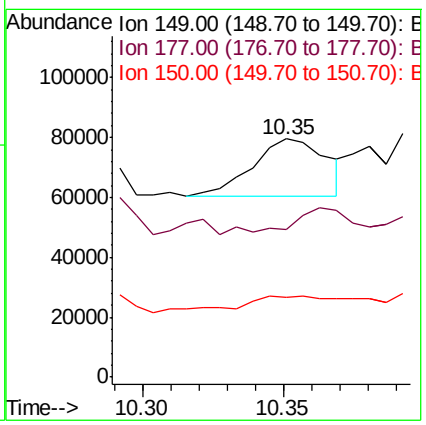


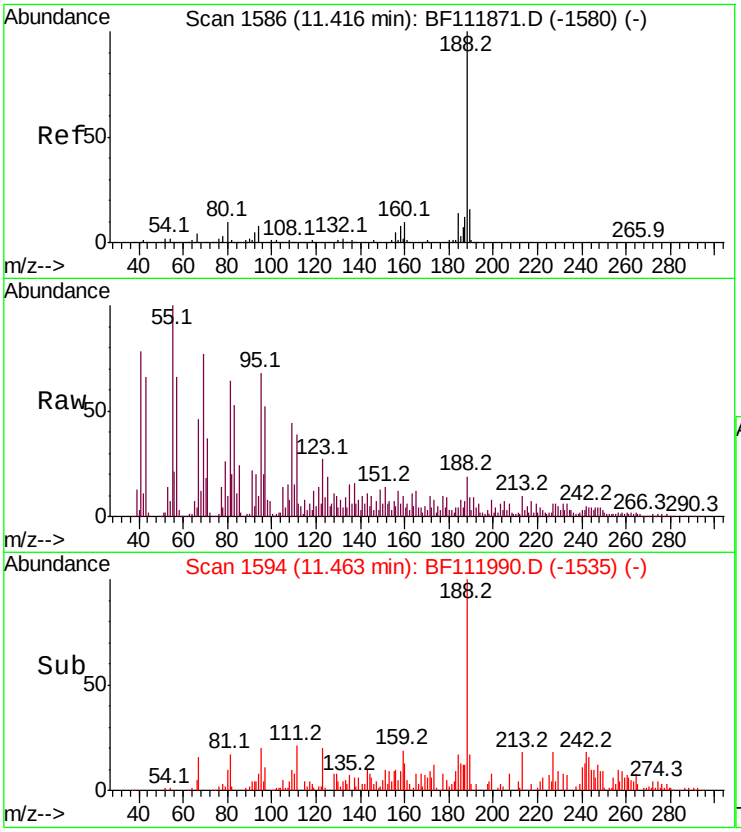


#60
Diethylphthalate
Concen: 3.535 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:149 Resp: 35371

Ion	Ratio	Lower	Upper
149	100		
177	61.8	18.3	27.5#
150	33.3	10.2	15.4#



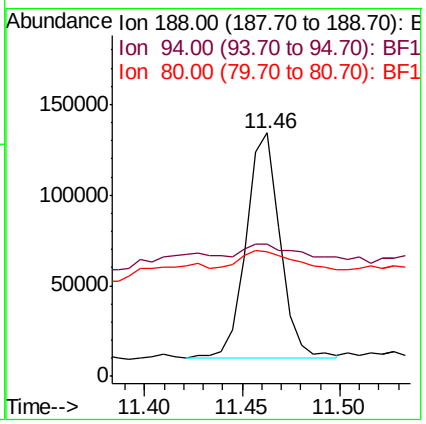


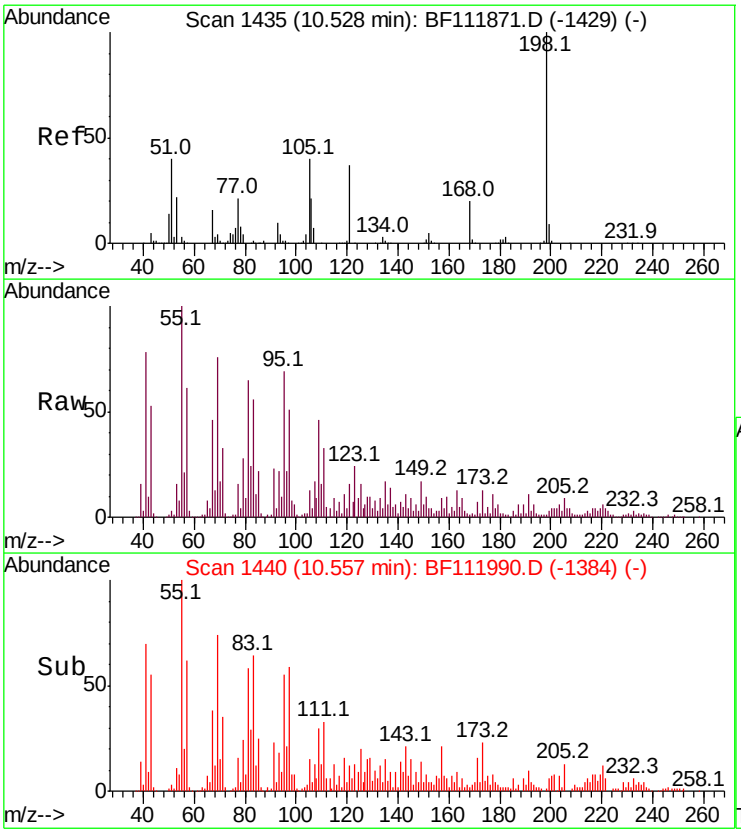
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.05 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 148336

Ion	Ratio	Lower	Upper
188	100		
94	54.2	6.6	10.0#
80	51.3	7.7	11.5#

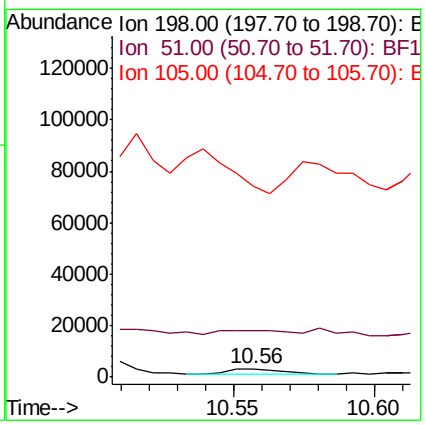


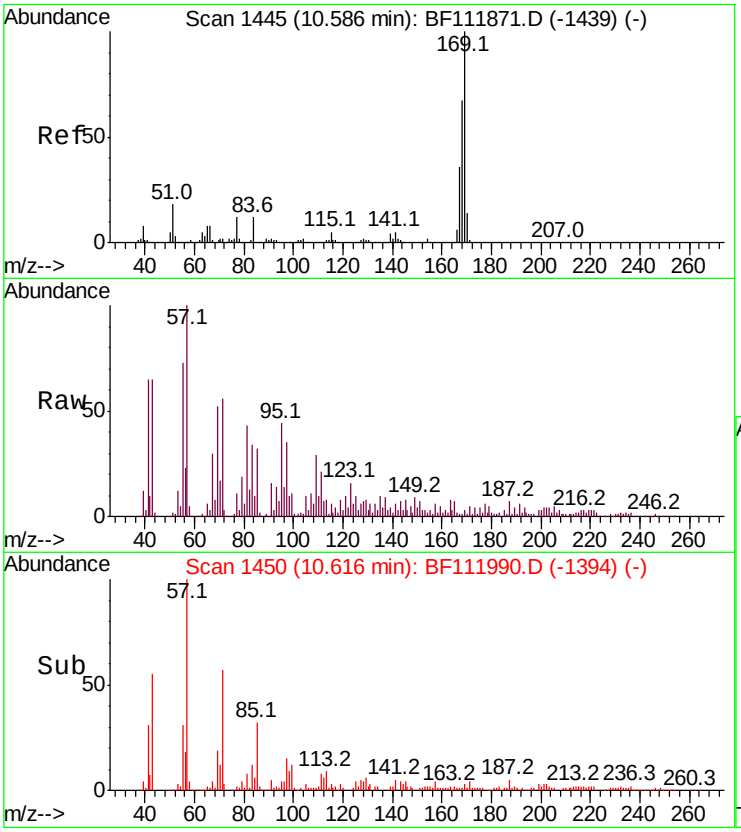


#65
4,6-Dinitro-2-methylphenol
Concen: 3.037 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:198 Resp: 2780

Ion	Ratio	Lower	Upper
198	100		
51	539.3	27.2	67.2#
105	2232.4	21.0	61.0#



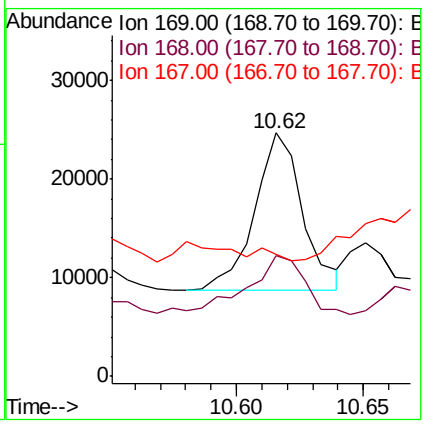


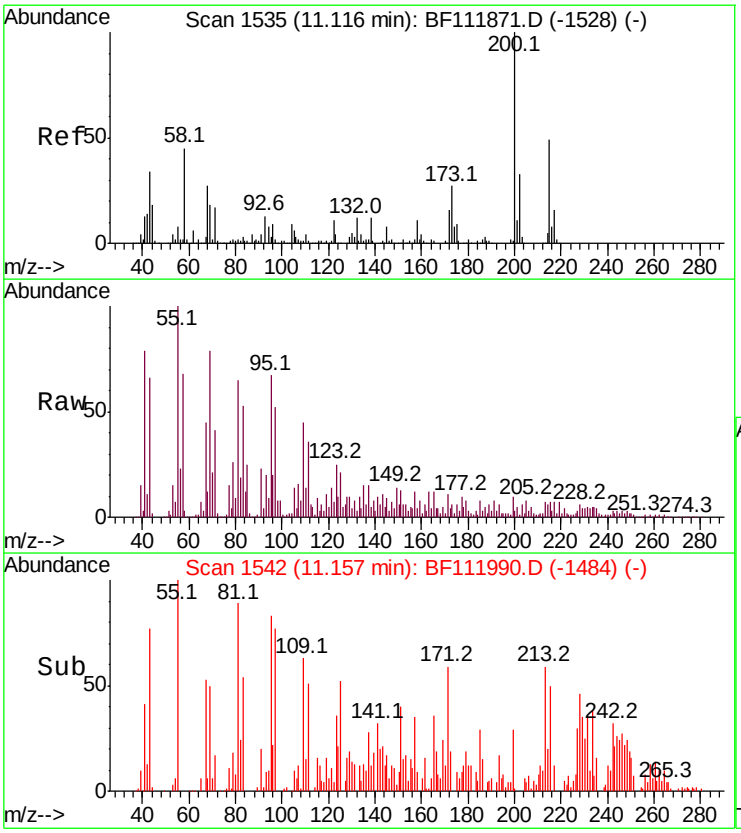
#66
n-Nitrosodiphenylamine
Concen: 4.199 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 20901

Ion	Ratio	Lower	Upper
169	100		
168	49.6	53.8	80.6#
167	50.1	29.1	43.7#

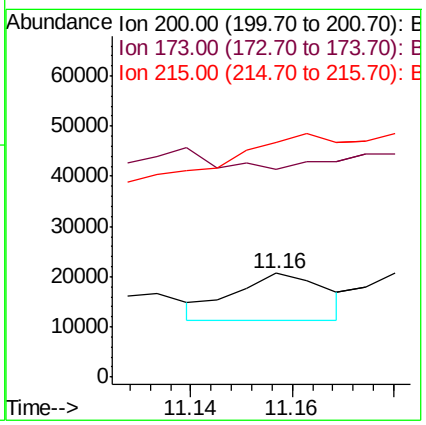


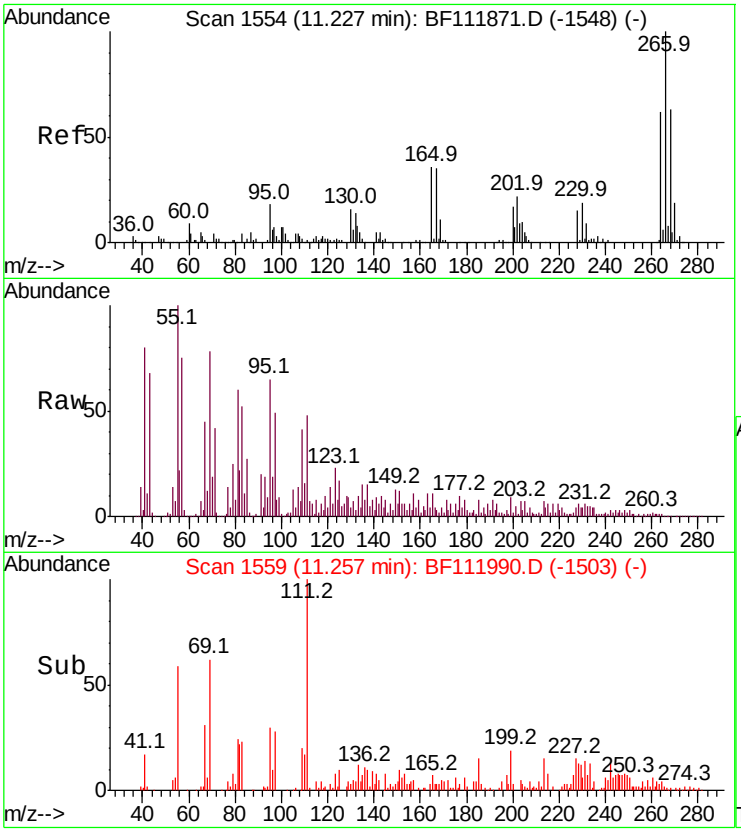


#69
Atrazine
Concen: 6.716 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.04 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:200 Resp: 11745

Ion	Ratio	Lower	Upper
200	100		
173	200.9	6.6	46.6#
215	226.1	28.9	68.9#



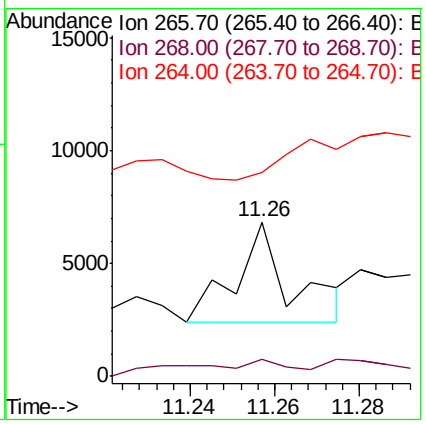


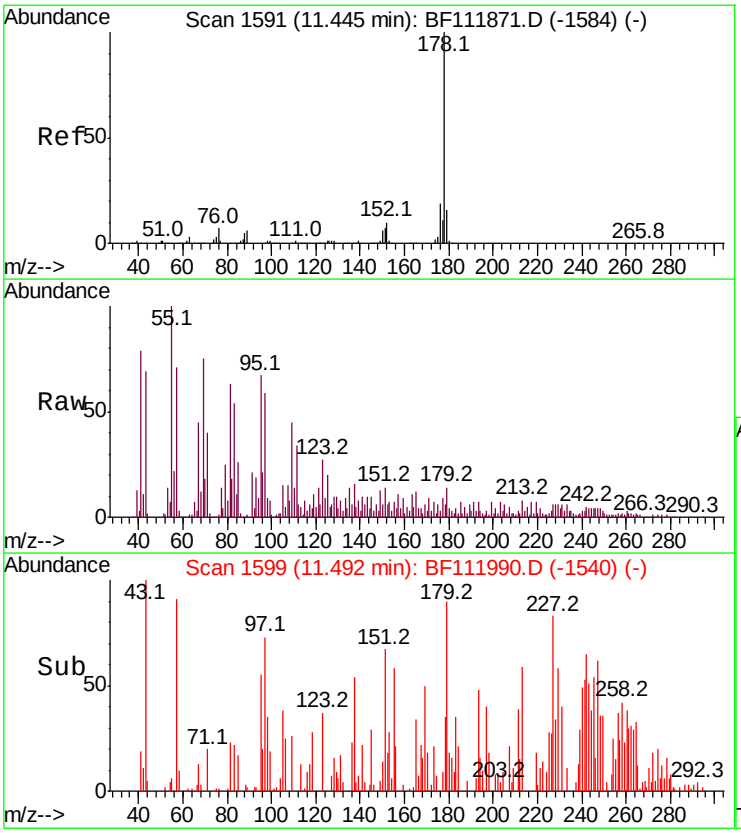
#70
Pentachlorophenol
Concen: 3.319 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 4022

Ion	Ratio	Lower	Upper
266	100		
268	11.4	50.6	76.0#
264	132.1	49.3	73.9#

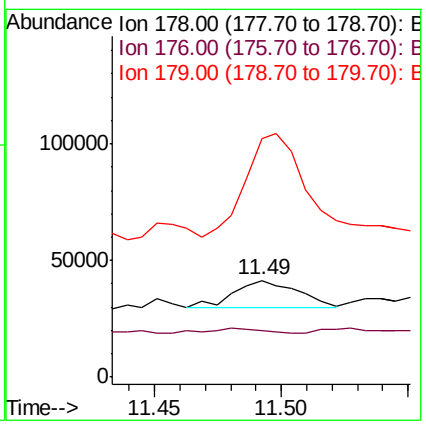


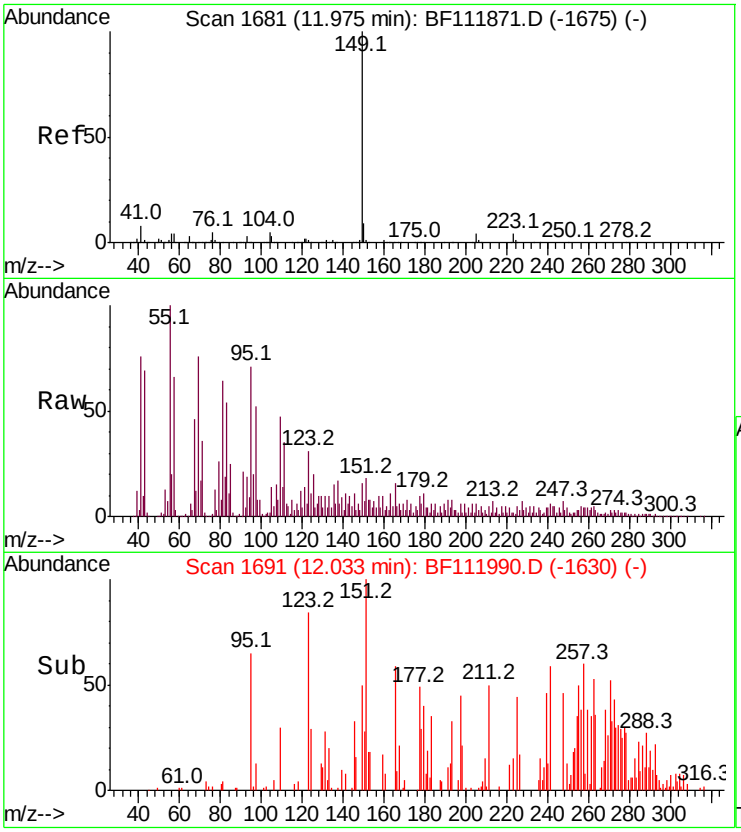


#71
Phenanthrene
Concen: 2.467 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.05 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:178 Resp: 19568

Ion	Ratio	Lower	Upper
178	100		
176	47.8	15.6	23.4#
179	246.7	12.6	18.8#



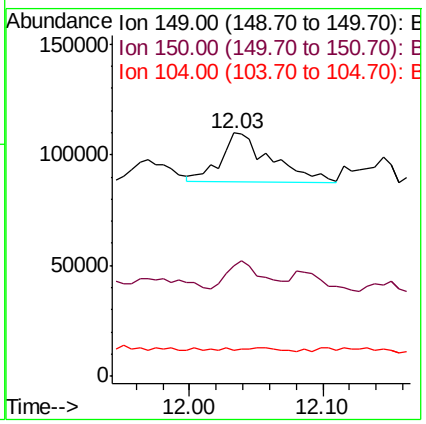


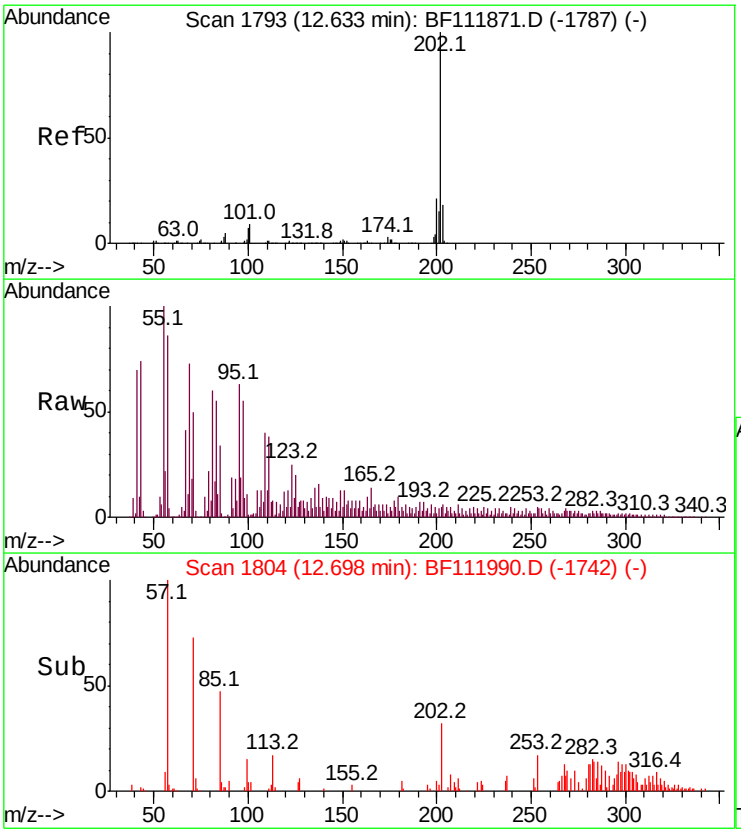
#74
Di-n-butylphthalate
Concen: 6.465 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.06 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 58812

Ion	Ratio	Lower	Upper
149	100		
150	45.6	7.5	11.3#
104	10.9	3.9	5.9#

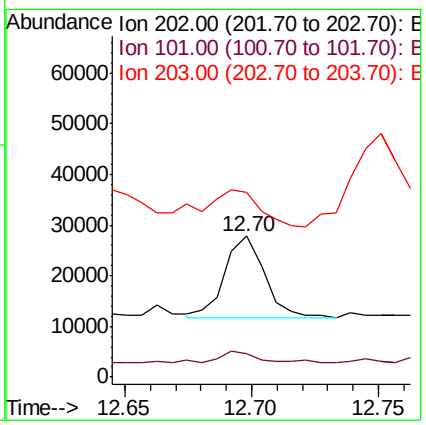


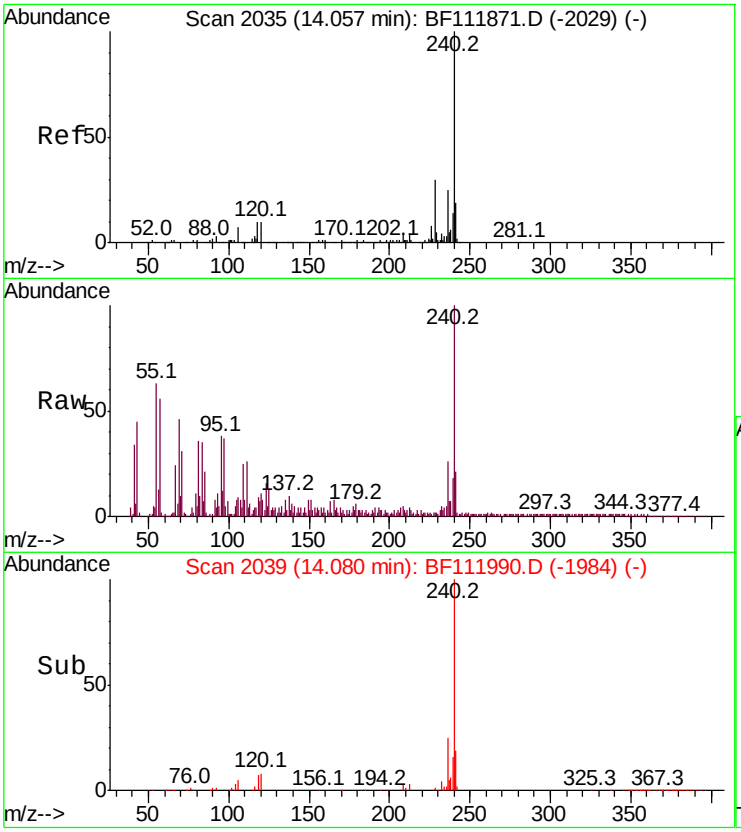


#75
Fluoranthene
Concen: 2.153 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.06 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:202 Resp: 17530

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	29.3
203	131.0	0.0	37.6#



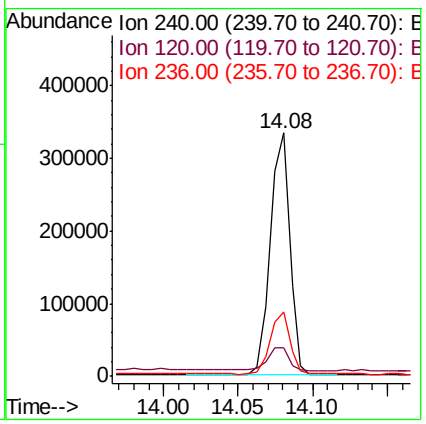


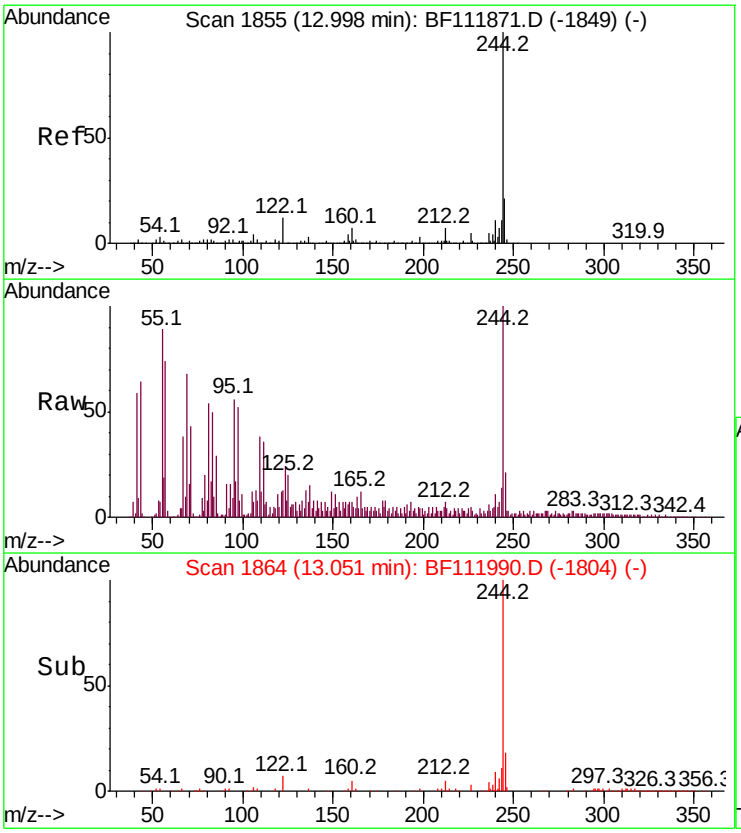
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.02 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 304196

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.2	12.2
236	26.5	20.2	30.4

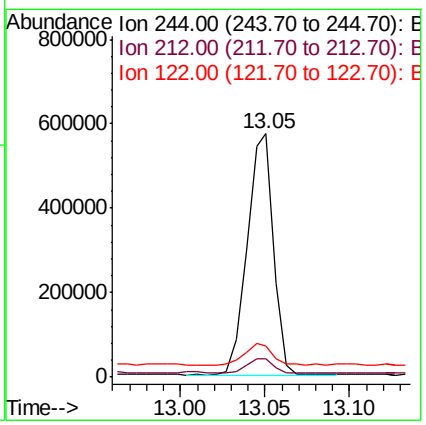


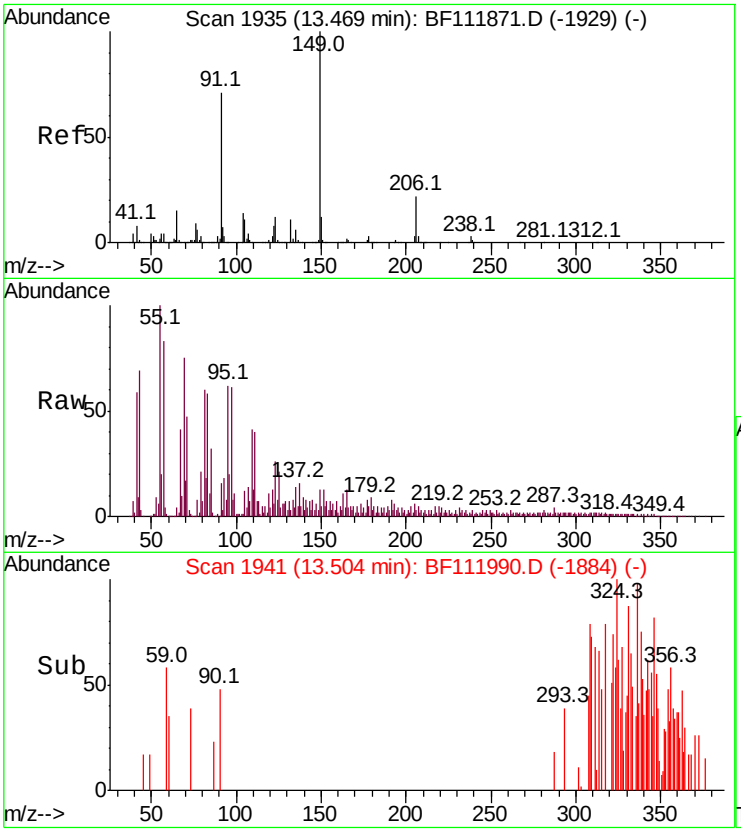


#79
Terphenyl-d14
Concen: 38.523 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.05 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:244 Resp: 617341

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.7	9.5	14.3



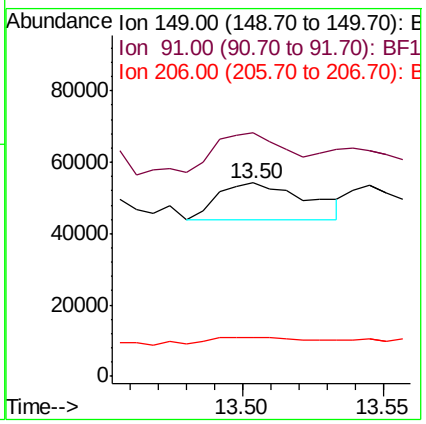


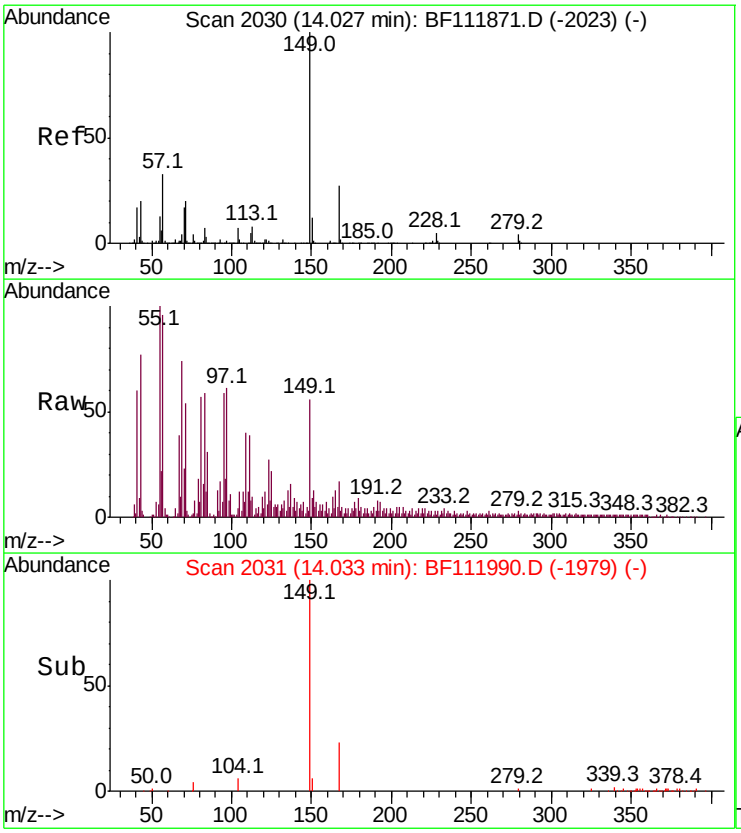
#80
Butylbenzylphthalate
Concen: 2.597 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.04 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 22983

Ion	Ratio	Lower	Upper
149	100		
91	126.0	57.2	85.8#
206	20.2	17.3	25.9

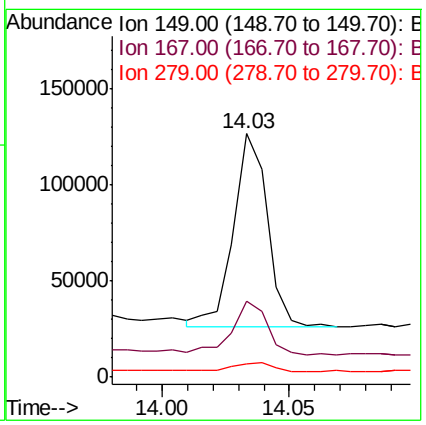


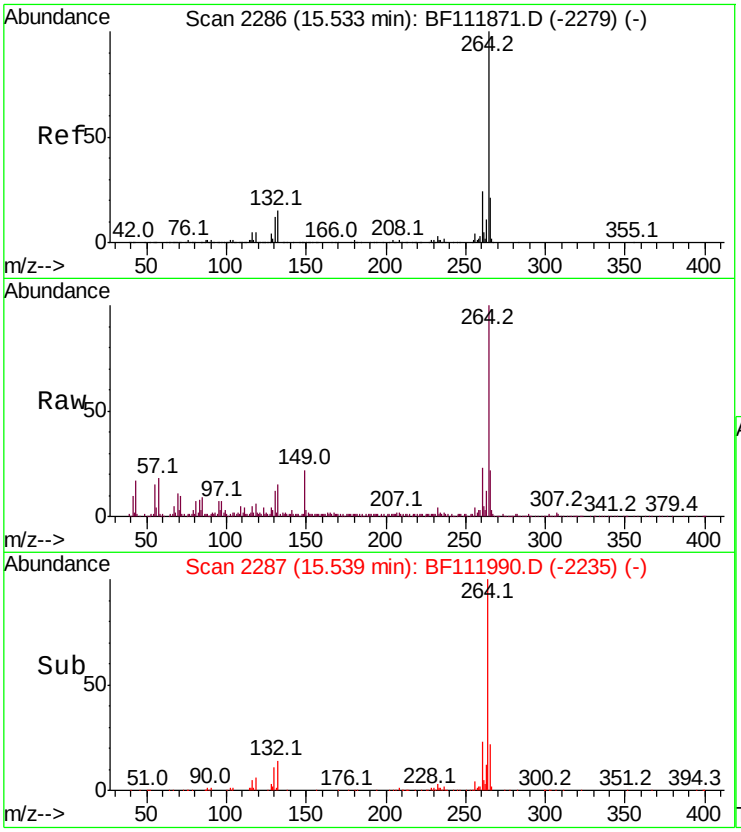


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.113 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:149 Resp: 94281

Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.5	32.3
279	5.4	3.0	4.6#



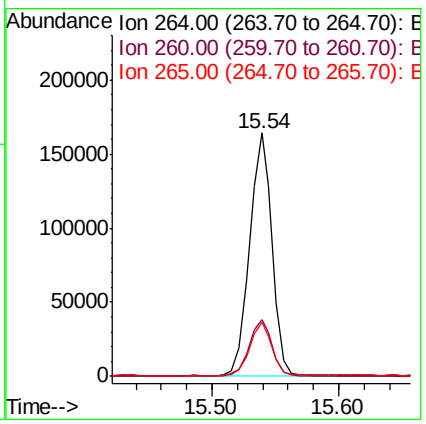


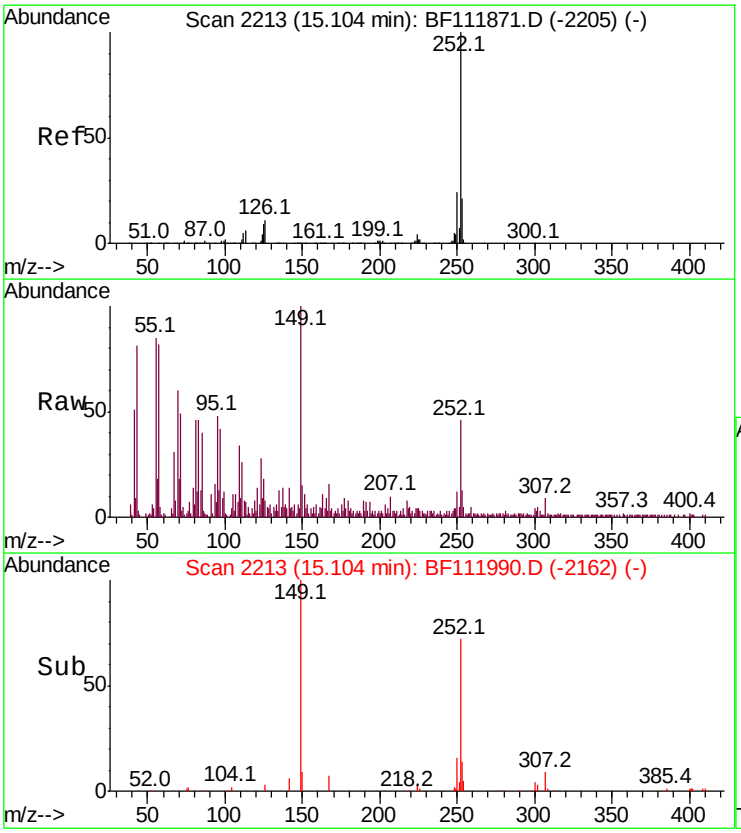
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 202233

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.1	25.7

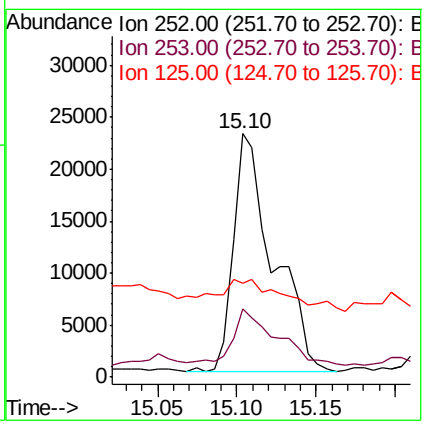


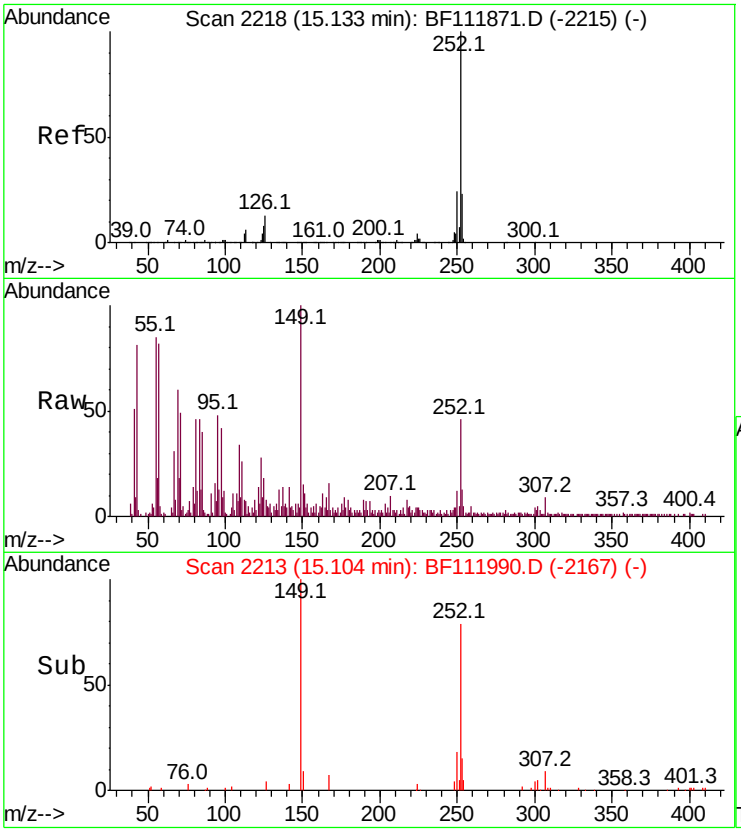


#88
Benzo(b)fluoranthene
Concen: 3.324 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Tgt Ion:252 Resp: 40206

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	38.6	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 3.536 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111990.D
Acq: 10 Jan 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40206

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.8	26.6#
125	38.6	7.0	10.4#