Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
Acq On : 8 Jan 2019 2:31
Operator : JU/SJ
Sample : K1064-05 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 04:08:47 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	104765	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	305465	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	153490	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	273206	20.00	ng		0.00
76) Chrysene-d12	14.06	240	313336	20.00	ng		0.00
87) Perylene-d12	15.54	264	207908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	28312	4.62	ng		0.00
7) Phenol-d6	6.53	99	21251	2.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	85977	15.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	16455	8.24	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	72887	6.92	ng		0.00
79) Terphenyl-d14	13.00	244	73544	4.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	45596	7.339	ng	#	1
10) Phenol	6.55	94	20022	2.334	ng		88
18) Hexachloroethane	7.39	117	35518	12.717	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	42094	8.208	ng	#	41
20) 3+4-Methylphenols	7.30	107	42403	6.234	ng	#	64
22) Acetophenone	7.29	105	407437	52.685	ng	#	50
24) Nitrobenzene	7.46	77	22988	3.976	ng	#	24
25) Isophorone	7.71	82	128162	13.848	ng	#	1
26) 2-Nitrophenol	7.80	139	7707	2.707	ng	#	1
27) 2,4-Dimethylphenol	7.84	122	18133	4.405	ng	#	38
28) bis(2-Chloroethoxy)methane	7.94	93	19286	3.122	ng	#	1
29) 2,4-Dichlorophenol	8.02	162	10398	2.197	ng	#	8
31) Naphthalene	8.20	128	376708	25.979	ng	#	92
32) Benzoic acid	7.95	122	84859	31.769	ng	#	1
35) Caprolactam	8.64	113	5988	3.872	ng	#	1
37) 2-Methylnaphthalene	8.89	142	405262	45.103	ng		97
38) 1-Methylnaphthalene	8.99	142	208693	24.216	ng	#	98
46) 1,1'-Biphenyl	9.35	154	69018	5.376	ng		92
56) 4-Nitrophenol	10.04	139	8346	4.278	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	51355	5.601	ng	#	58
69) Atrazine	11.30	200	10269	3.188	ng		75
71) Phenanthrene	11.45	178	31584	2.162	ng	#	78
75) Fluoranthene	12.86	202	37617	2.509	ng		86

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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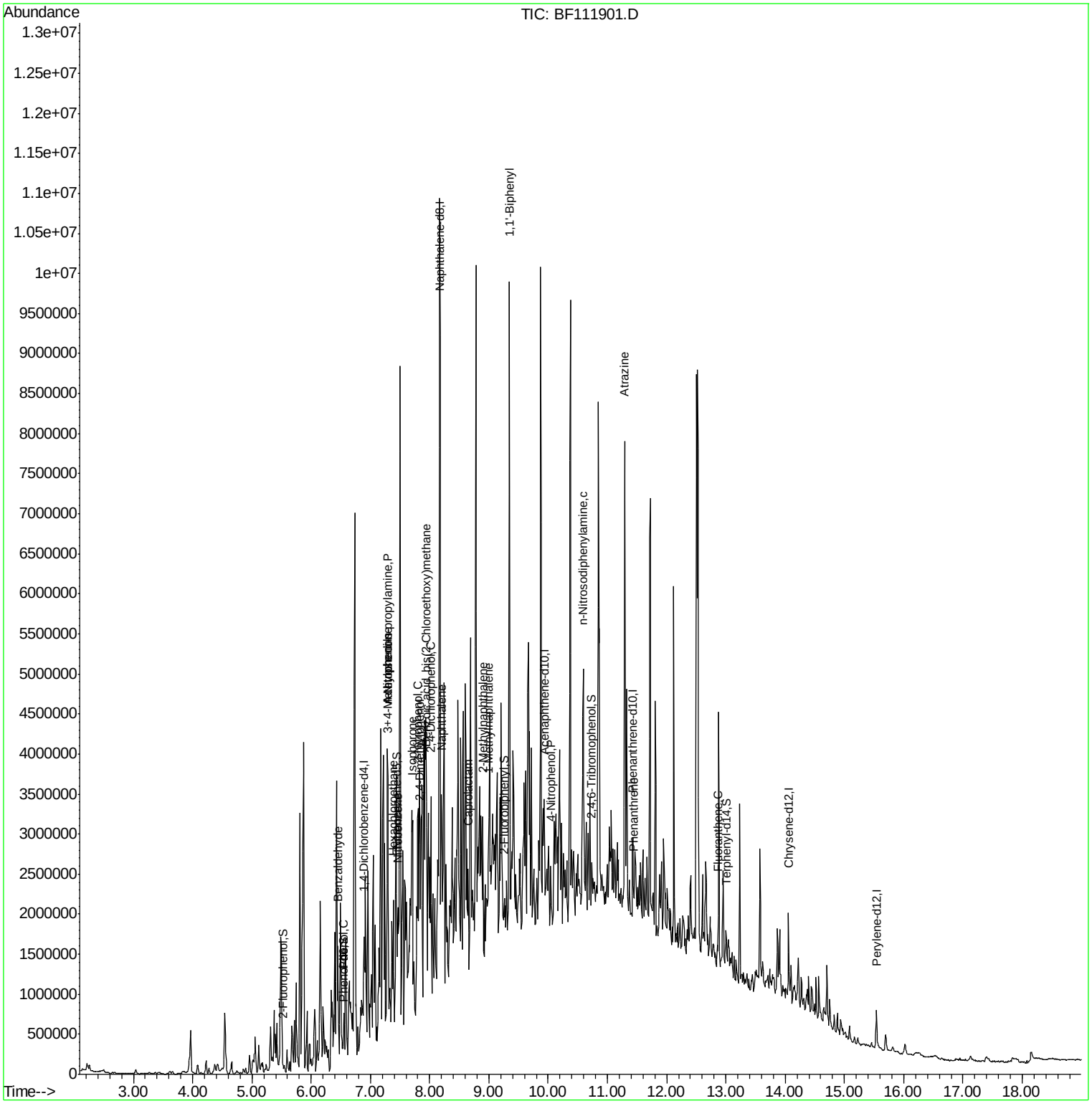
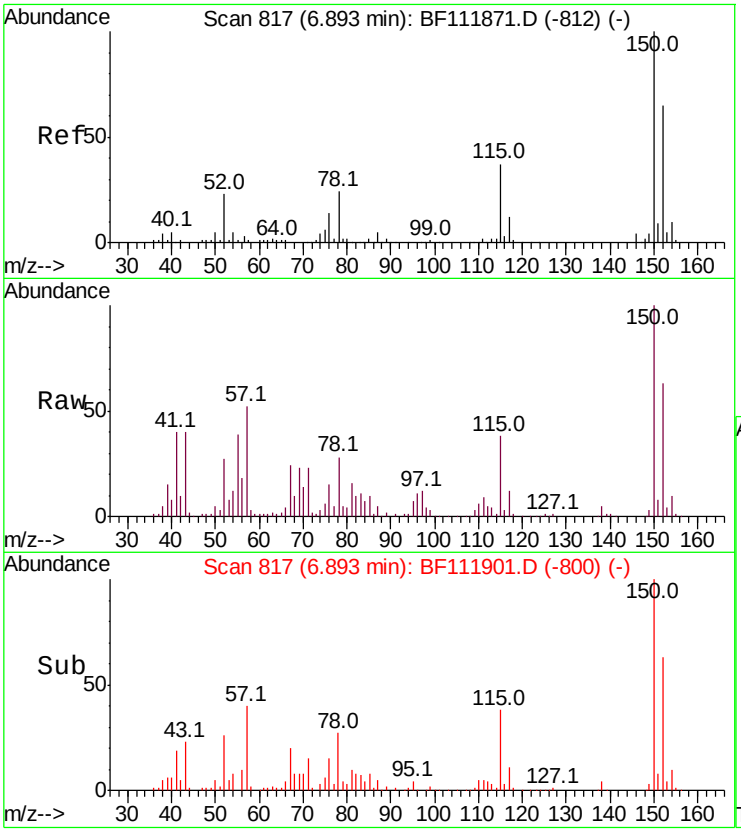


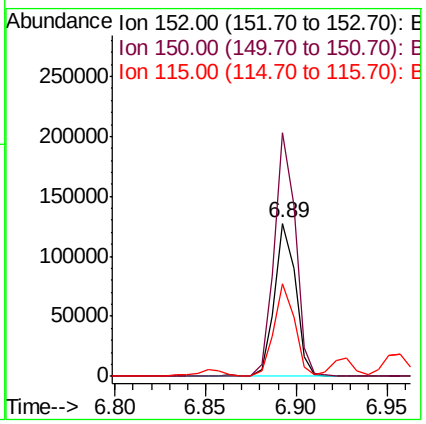


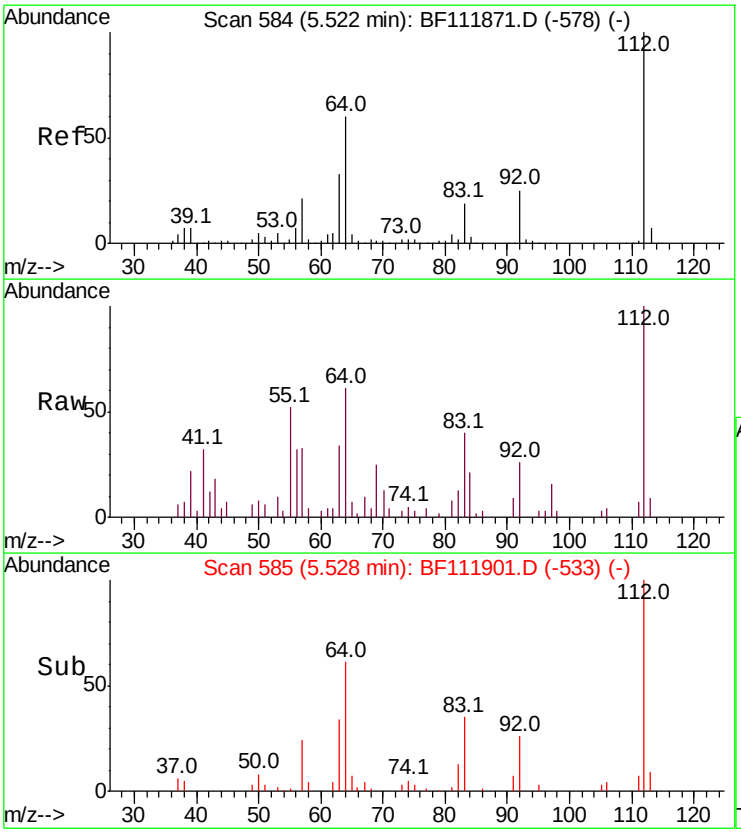
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104765

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	60.7	45.2	67.8

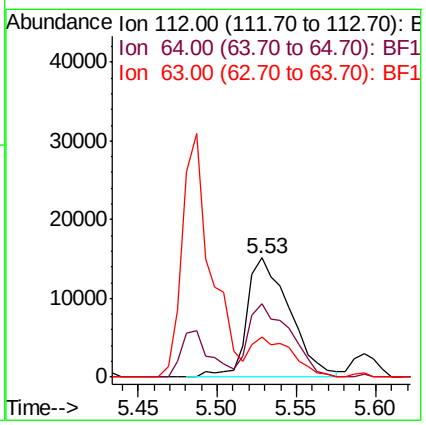


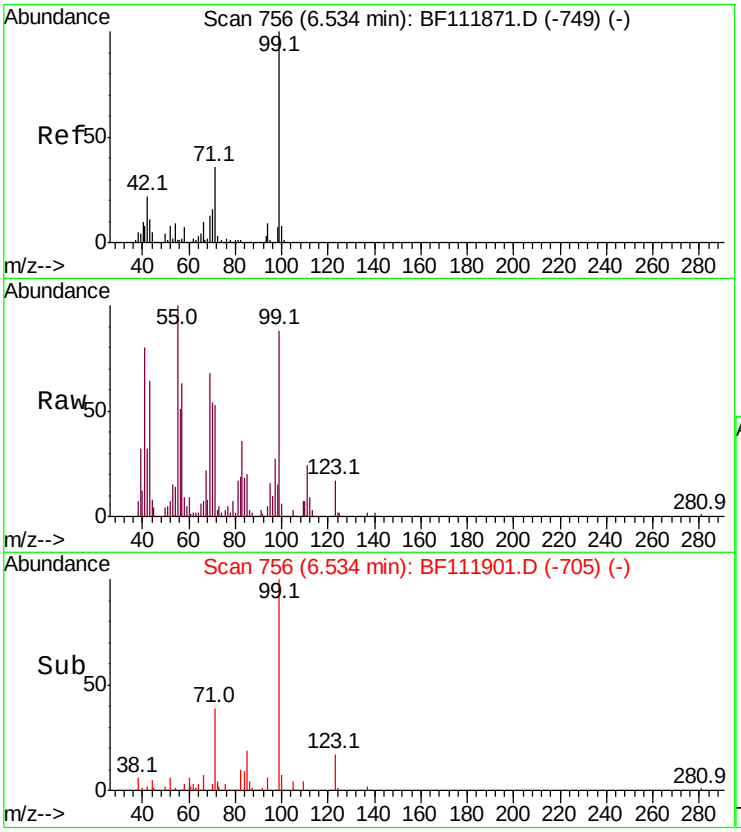


#5
2-Fluorophenol
Concen: 4.623 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:112 Resp: 28312

Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.3	72.5
63	33.6	26.1	39.1



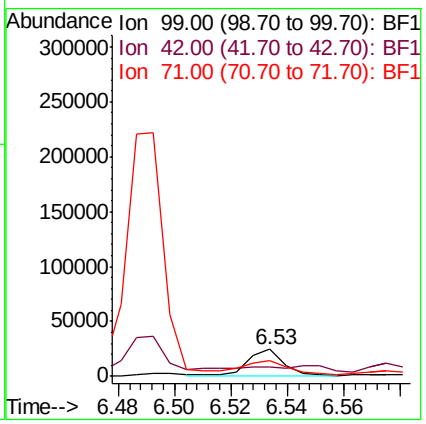


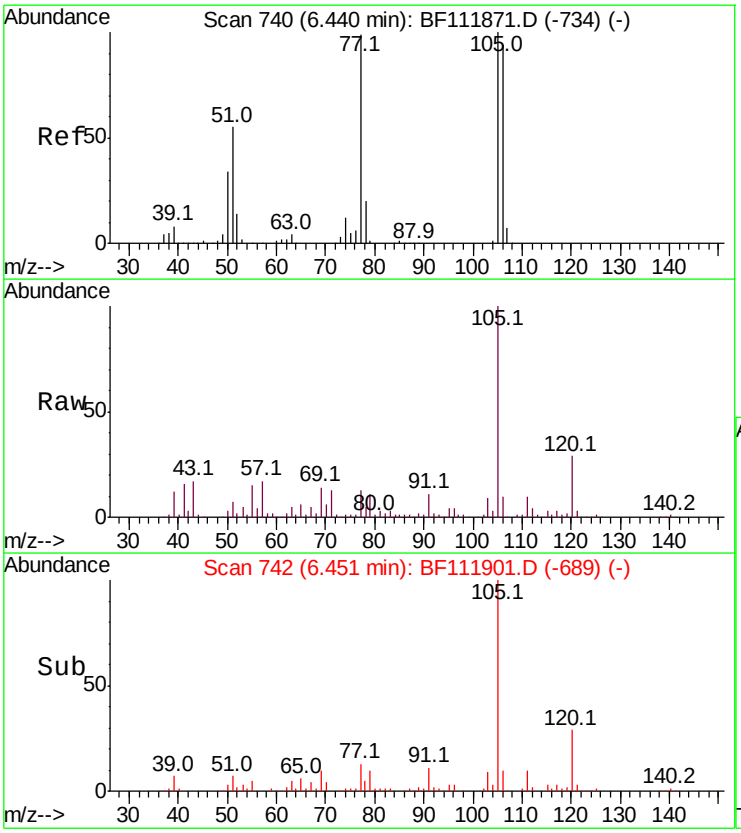
#7
Phenol-d6
Concen: 2.692 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 21251

Ion	Ratio	Lower	Upper
99	100		
42	36.6	17.9	26.9#
71	60.2	28.7	43.1#

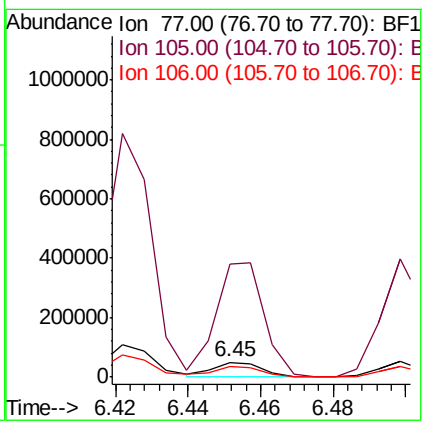


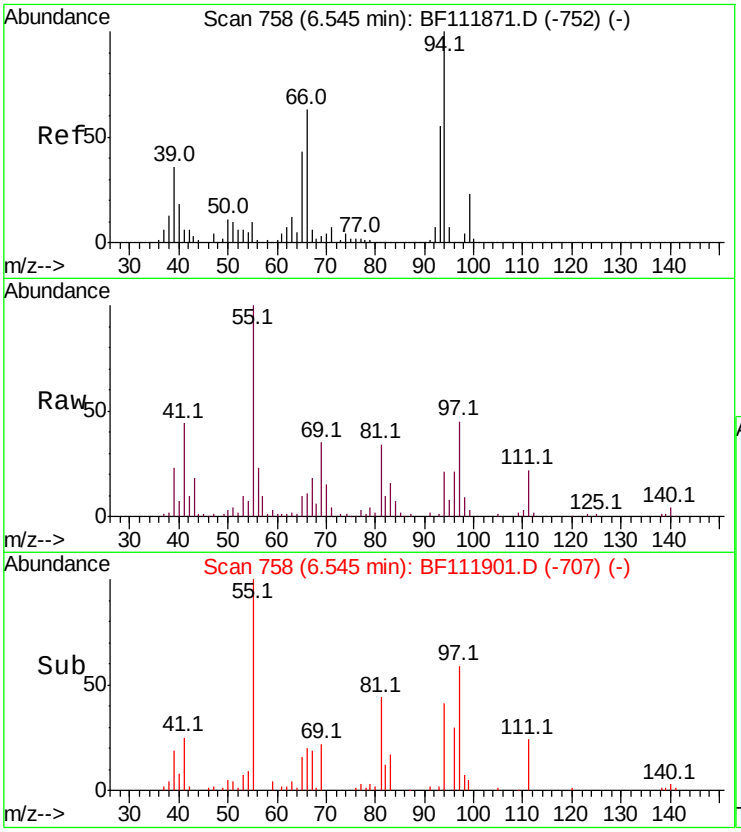


#9
Benzaldehyde
Concen: 7.339 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion: 77 Resp: 45596

Ion	Ratio	Lower	Upper
77	100		
105	759.6	80.6	120.6#
106	73.0	74.6	114.6#



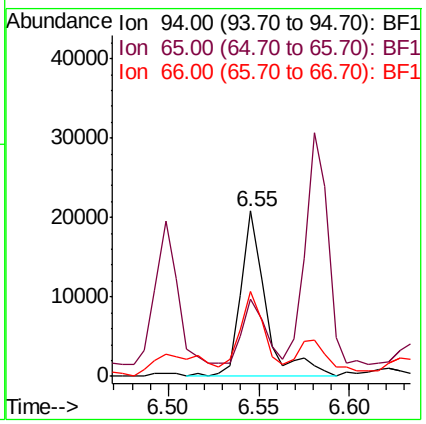


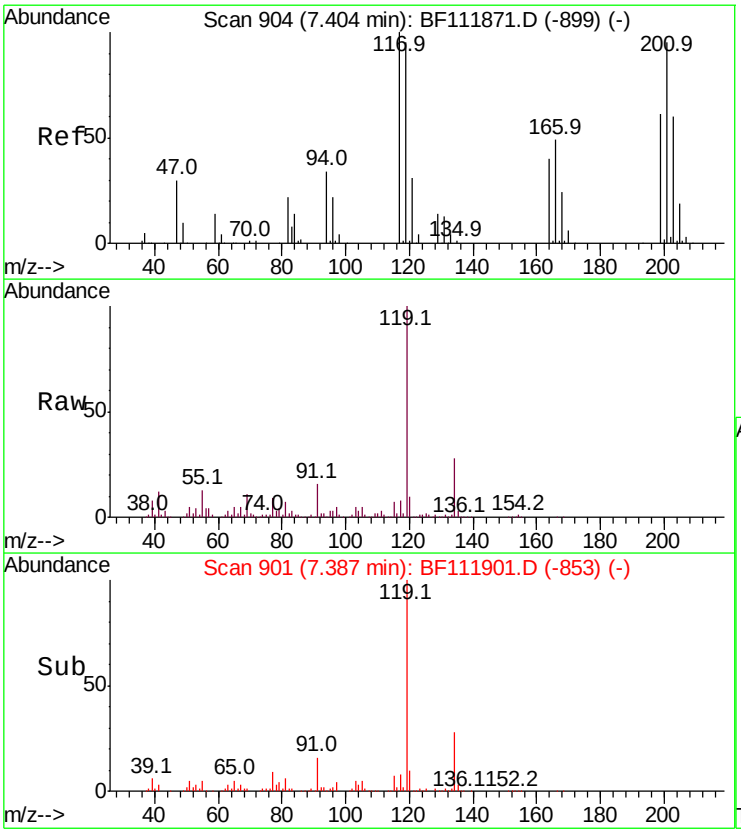
#10
Phenol
Concen: 2.334 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 20022

Ion	Ratio	Lower	Upper
94	100		
65	46.7	22.8	62.8
66	51.6	43.3	83.3

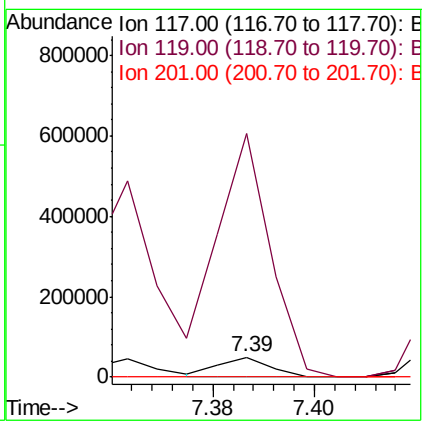


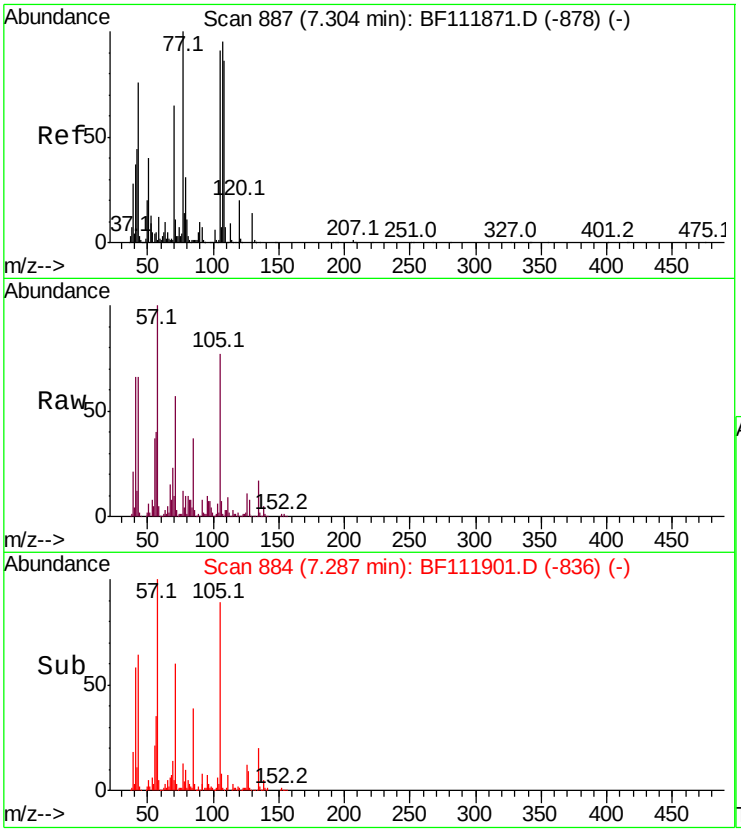


#18
Hexachloroethane
Concen: 12.717 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:117 Resp: 35518

Ion	Ratio	Lower	Upper
117	100		
119	1205.9	76.2	114.2#
201	0.0	75.7	113.5#



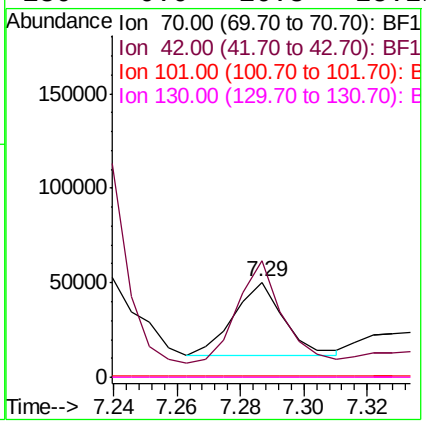


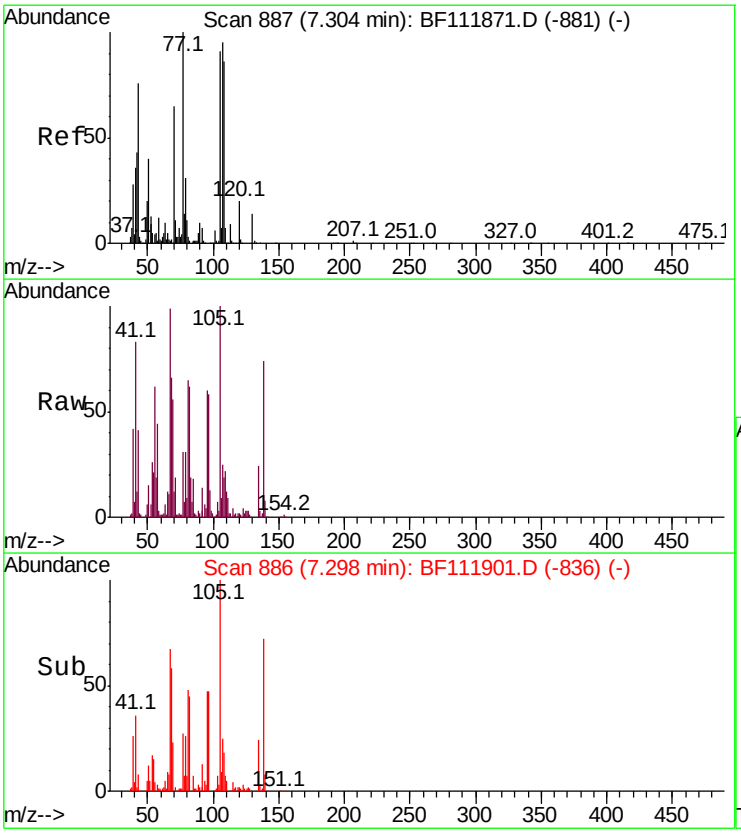
#19
n-Nitroso-di-n-propylamine
Concen: 8.208 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 42094

Ion	Ratio	Lower	Upper
70	100		
42	122.0	53.6	80.4#
101	1.2	7.3	10.9#
130	0.0	16.8	25.2#

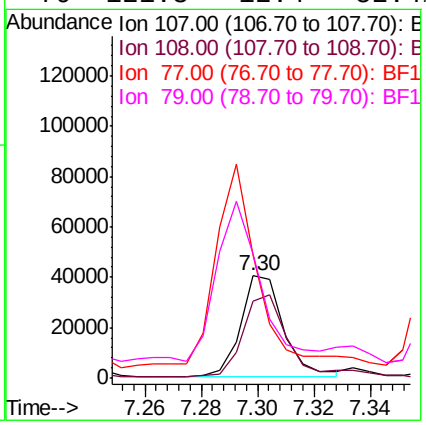


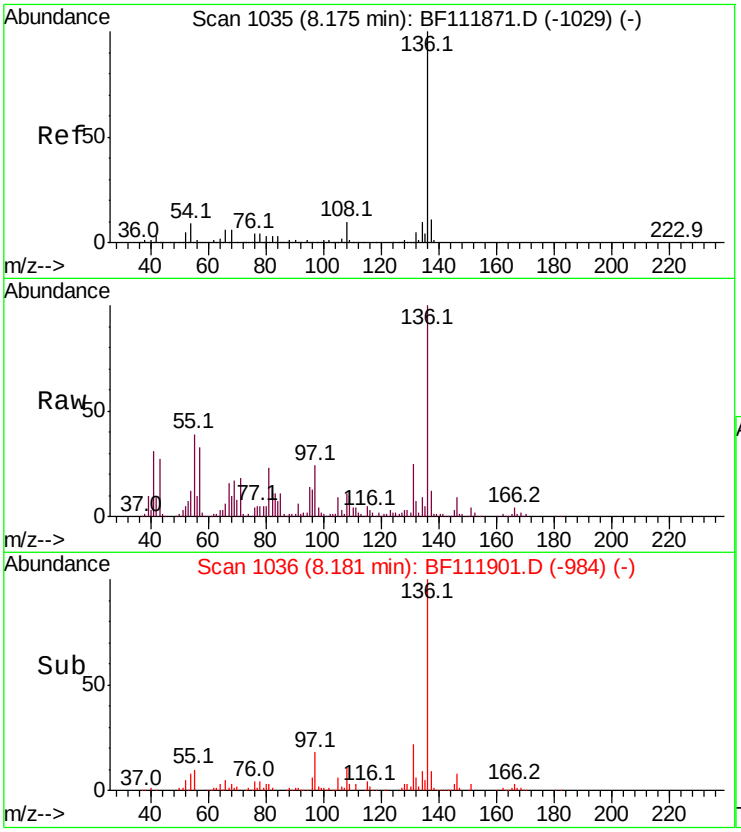


#20
3+4-Methylphenols
Concen: 6.234 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:107 Resp: 42403

Ion	Ratio	Lower	Upper
107	100		
108	75.3	71.1	111.1
77	121.0	85.4	125.4
79	121.3	12.4	52.4#



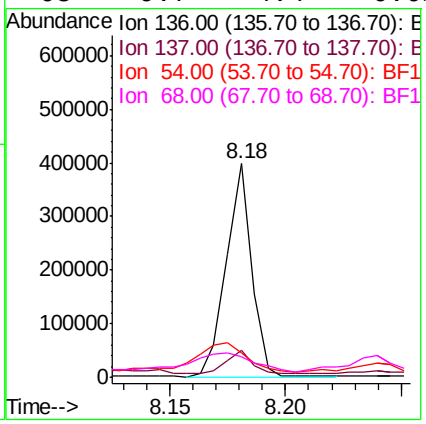


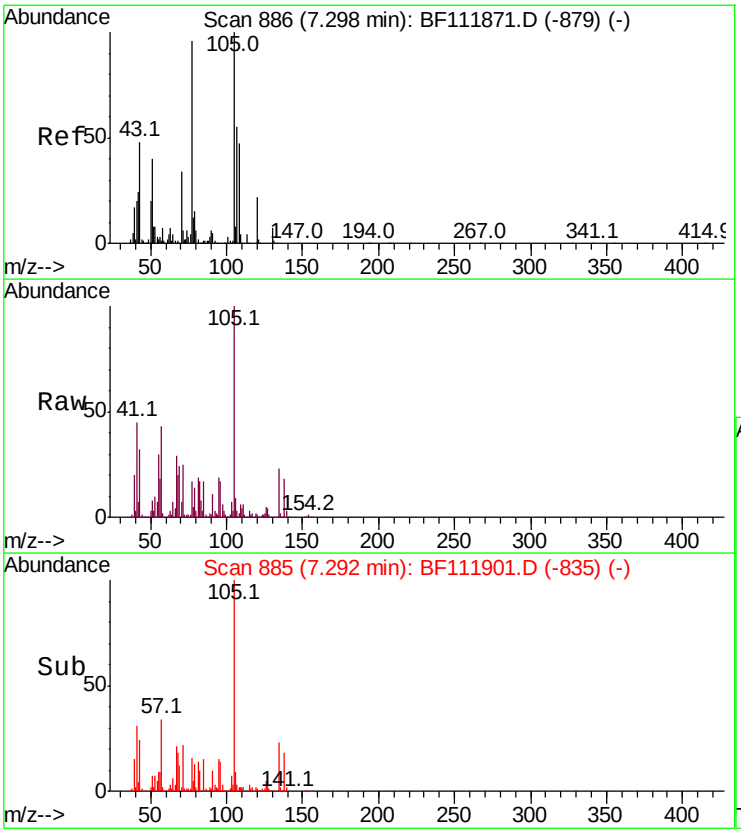
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 305465

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	11.7	7.2	10.8#
68	9.7	4.4	6.6#

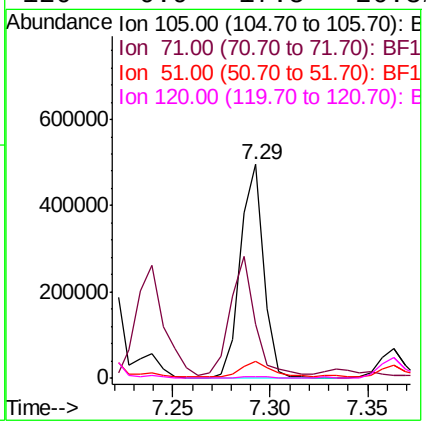


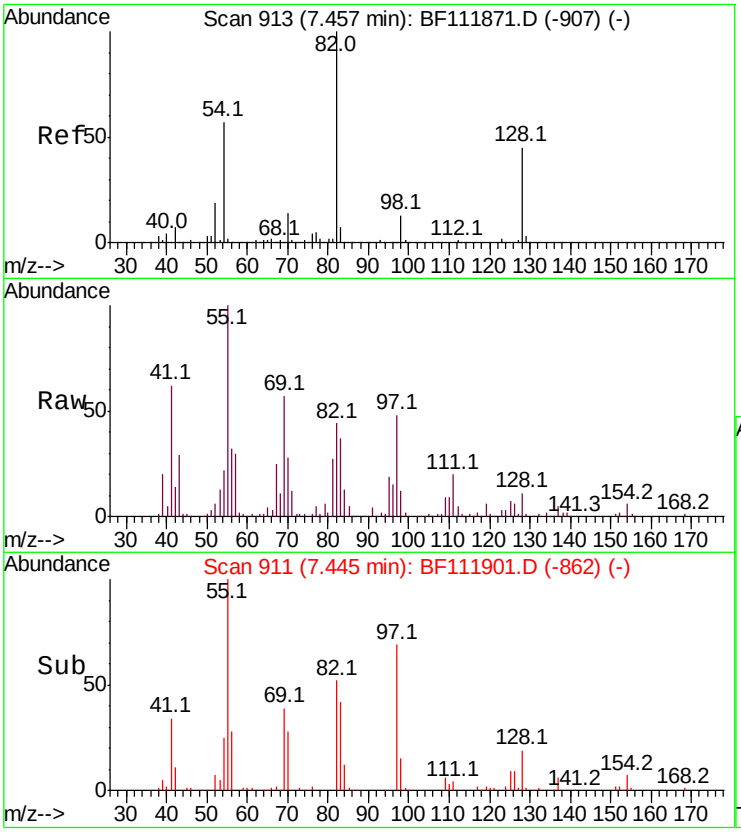


#22
Acetophenone
Concen: 52.685 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:105 Resp: 407437

Ion	Ratio	Lower	Upper
105	100		
71	24.9	4.6	6.8#
51	7.7	32.2	48.2#
120	0.9	17.5	26.3#



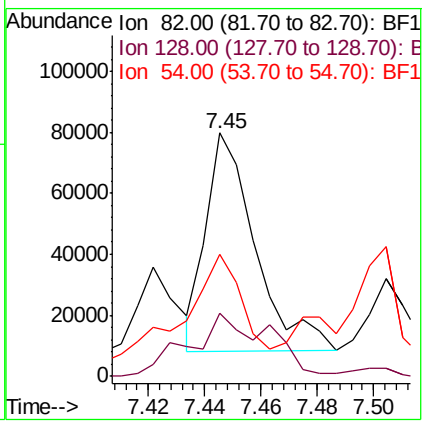


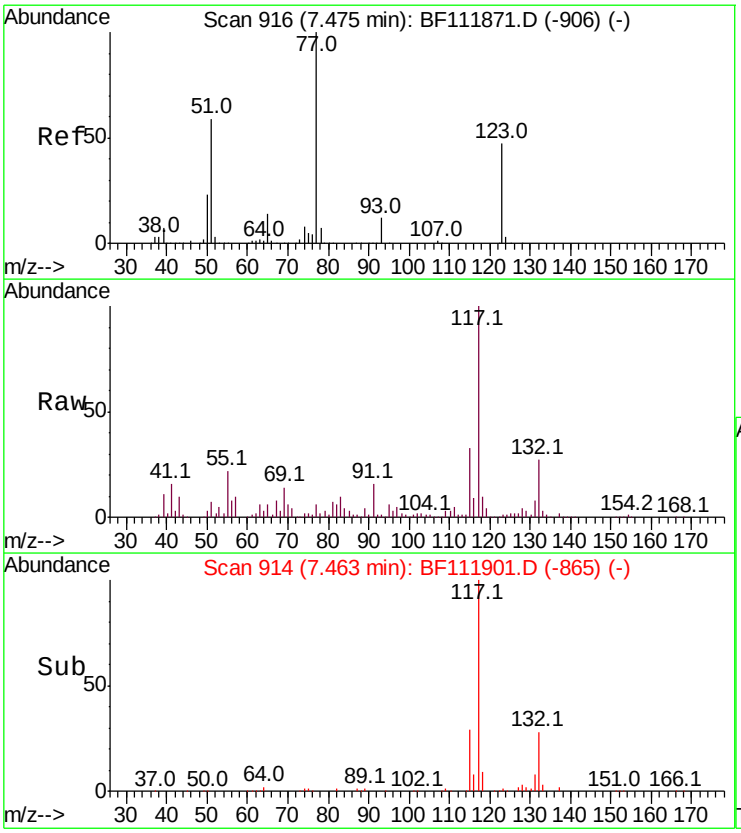
#23
Nitrobenzene-d5
Concen: 15.043 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 85977

Ion	Ratio	Lower	Upper
82	100		
128	25.9	35.7	53.5#
54	50.1	45.8	68.8

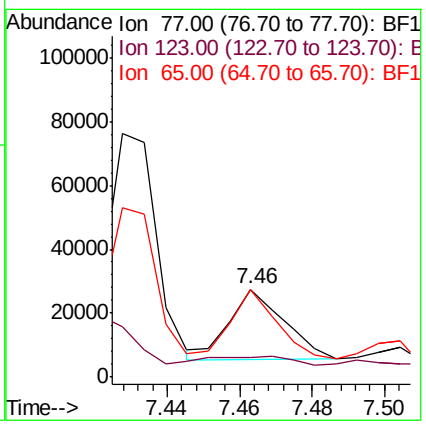


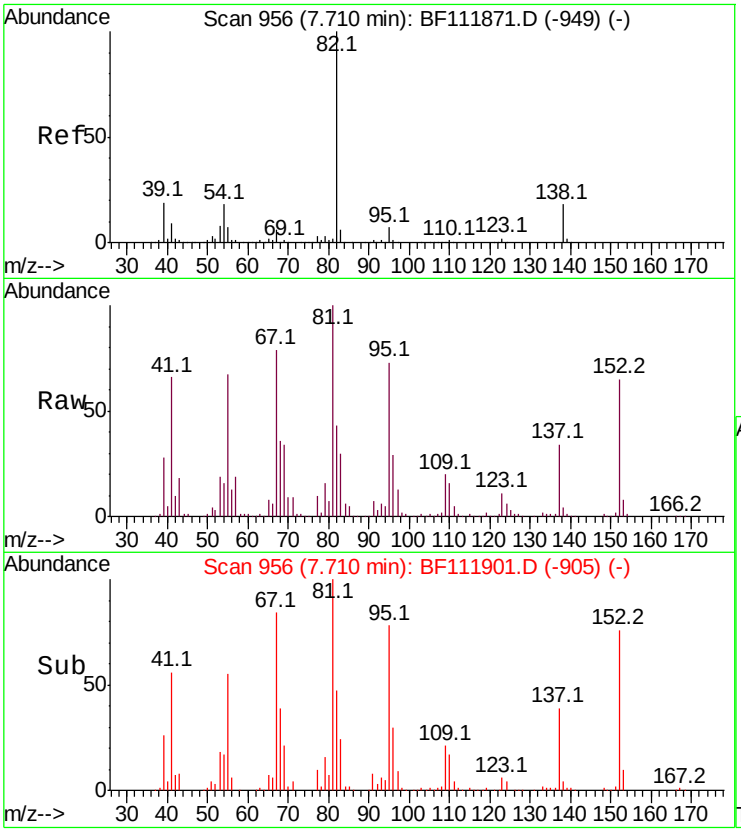


#24
Nitrobenzene
Concen: 3.976 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion: 77 Resp: 22988

Ion	Ratio	Lower	Upper
77	100		
123	22.4	38.1	57.1#
65	99.2	11.0	16.4#



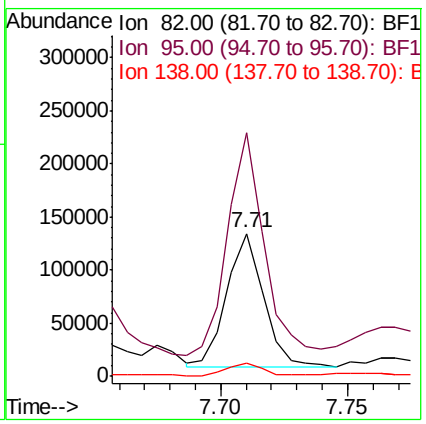


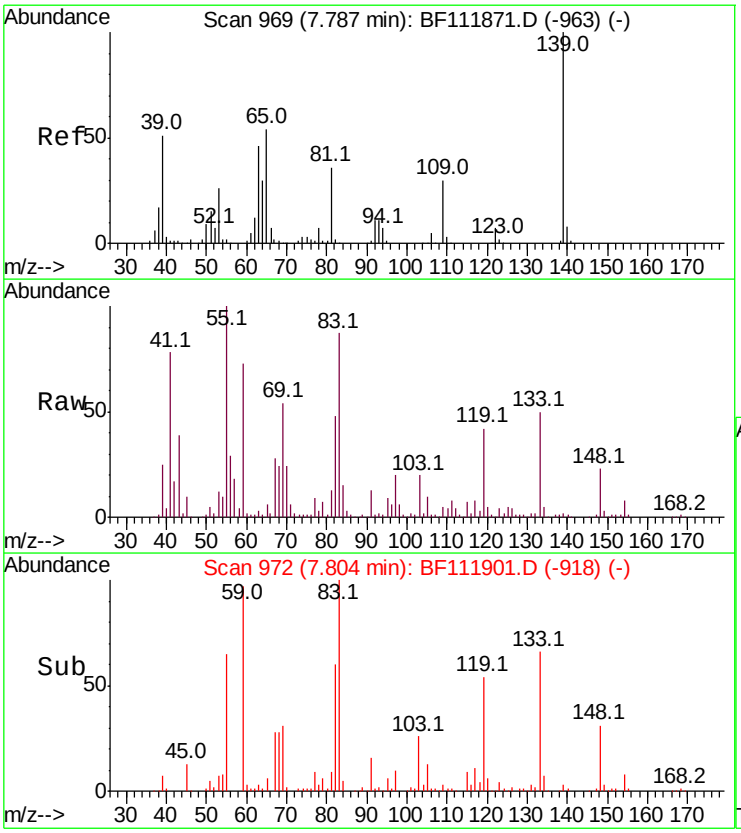
#25
Isophorone
Concen: 13.848 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128162

Ion	Ratio	Lower	Upper
82	100		
95	170.3	5.8	8.6#
138	9.0	14.4	21.6#

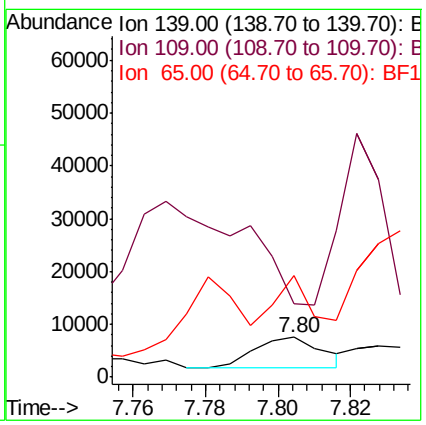


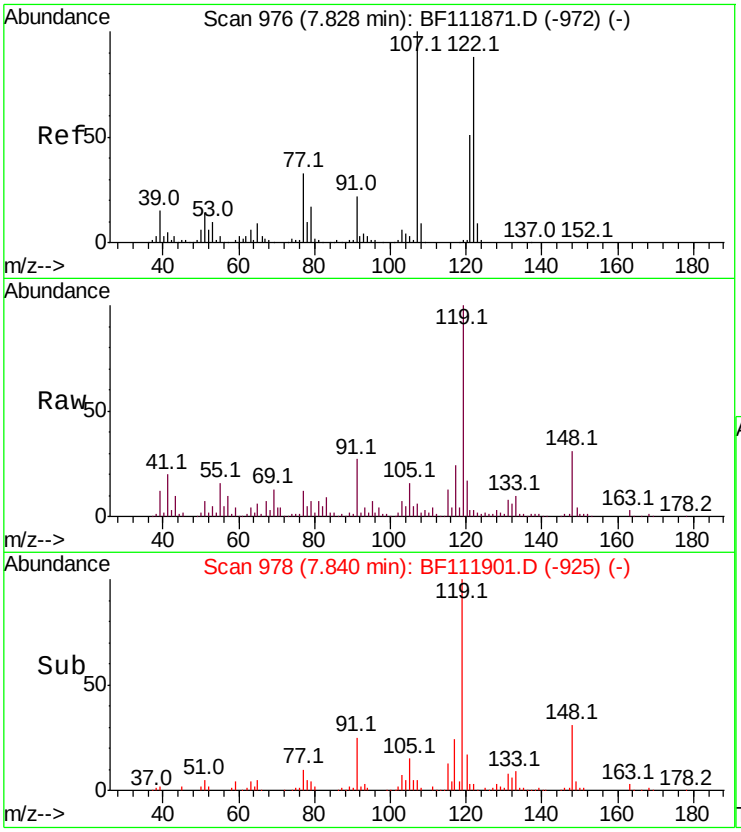


#26
2-Nitrophenol
Concen: 2.707 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:139 Resp: 7707

Ion	Ratio	Lower	Upper
139	100		
109	184.8	24.1	36.1#
65	252.6	43.6	65.4#



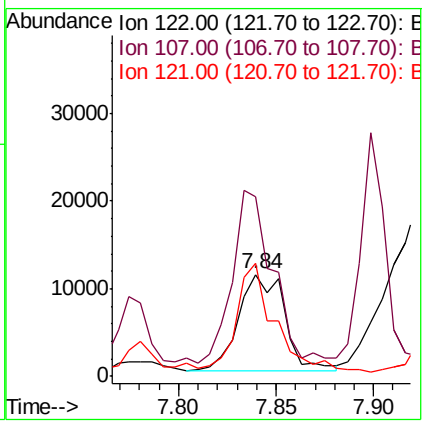


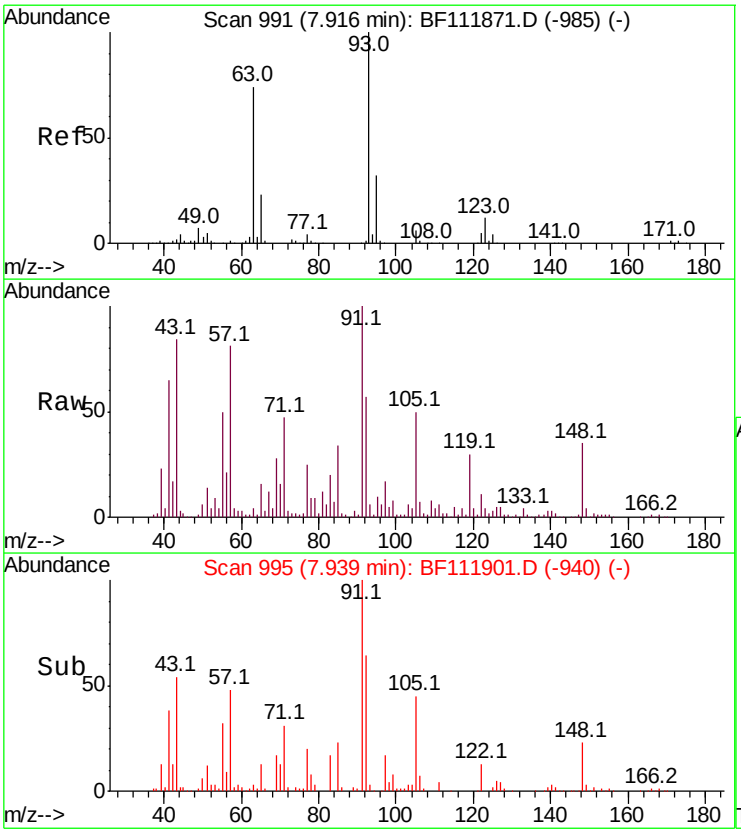
#27
2,4-Dimethylphenol
Concen: 4.405 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 18133

Ion	Ratio	Lower	Upper
122	100		
107	176.8	91.0	136.6#
121	110.7	46.8	70.2#

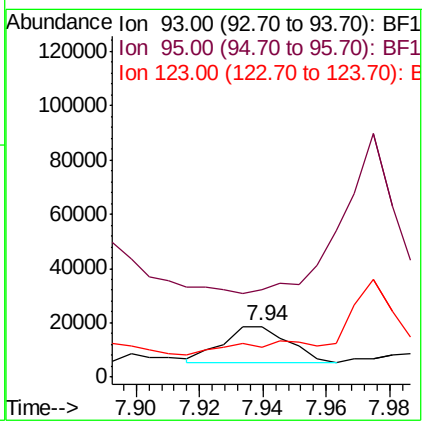


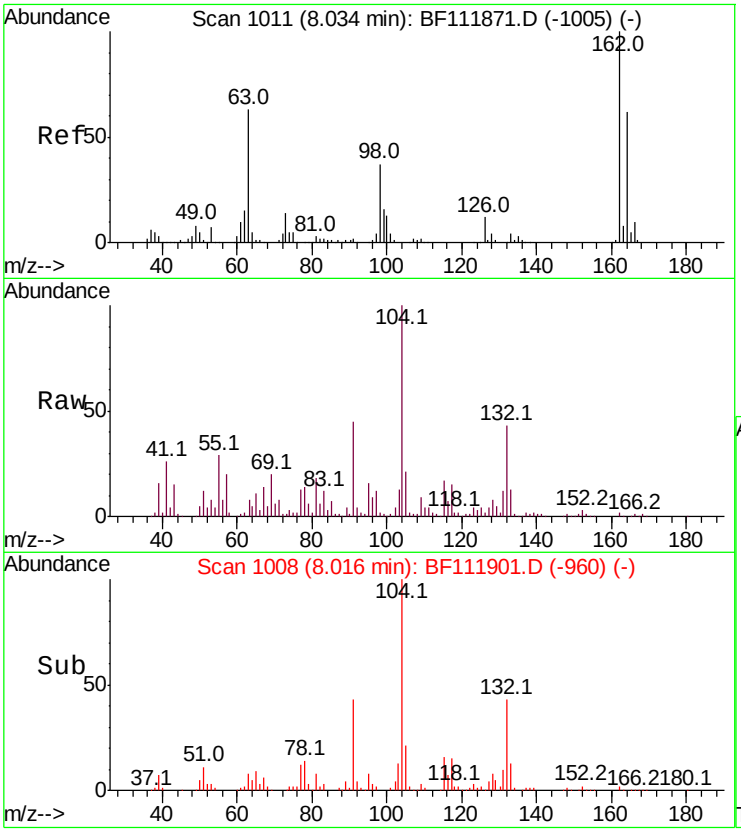


#28
bis(2-Chloroethoxy)methane
Concen: 3.122 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion: 93 Resp: 19286

Ion	Ratio	Lower	Upper
93	100		
95	171.4	25.8	38.6#
123	59.3	9.5	14.3#



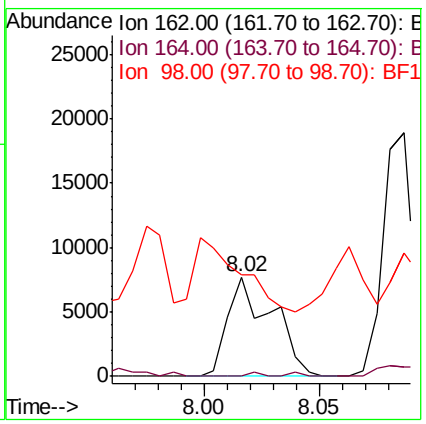


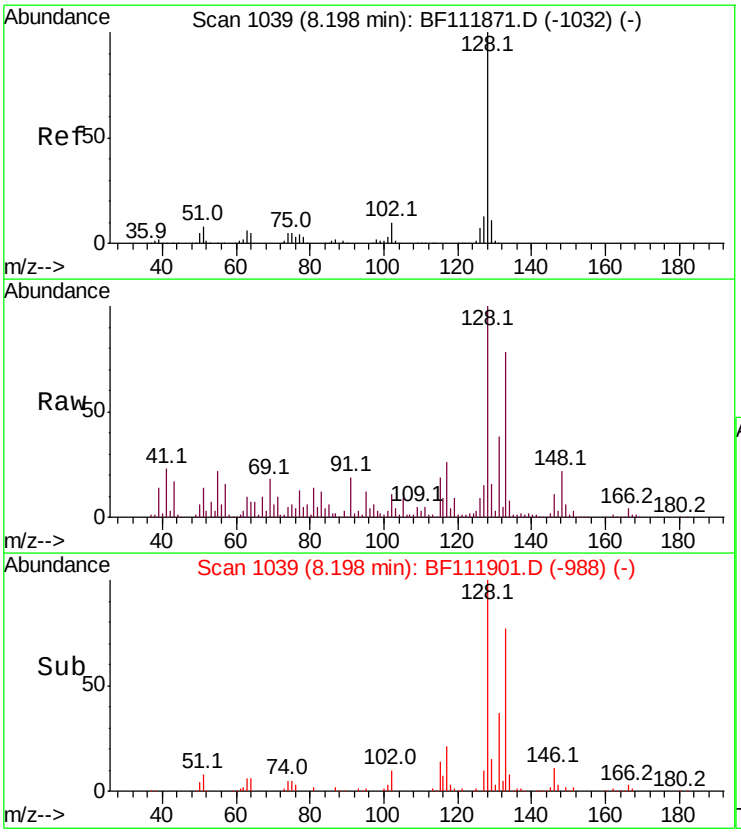
#29
2,4-Dichlorophenol
Concen: 2.197 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 10398

Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.1	82.1#
98	102.9	17.2	57.2#

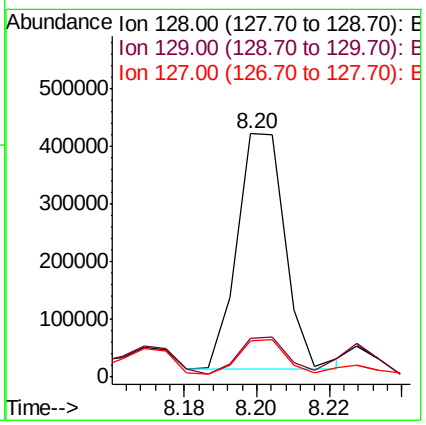


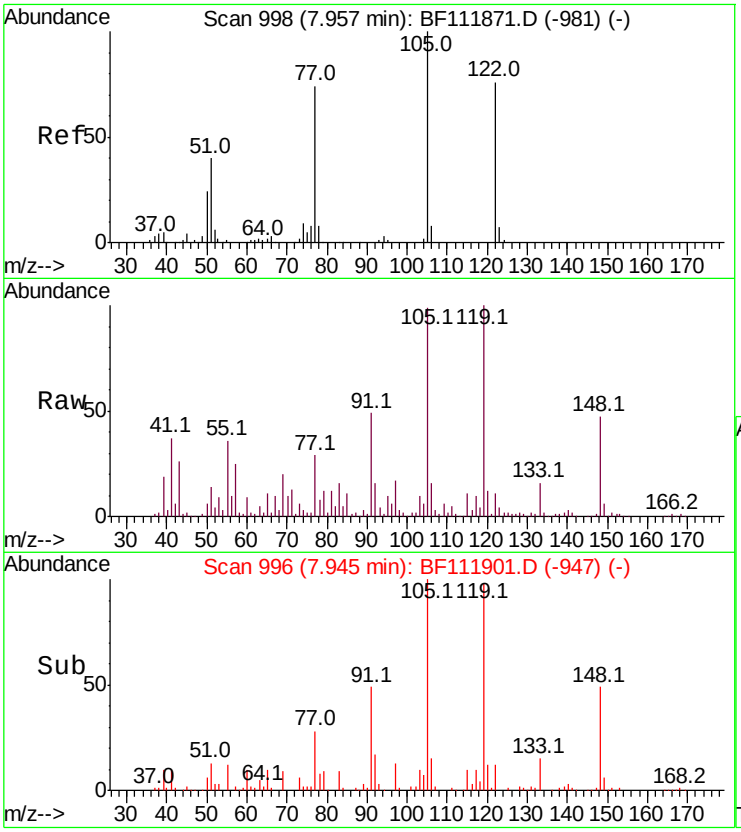


#31
Naphthalene
Concen: 25.979 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:128 Resp: 376708

Ion	Ratio	Lower	Upper
128	100		
129	15.9	9.0	13.4#
127	15.0	10.7	16.1



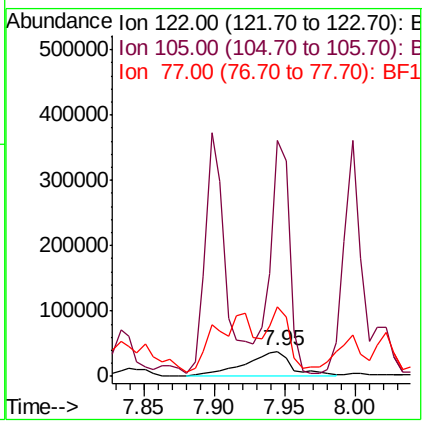


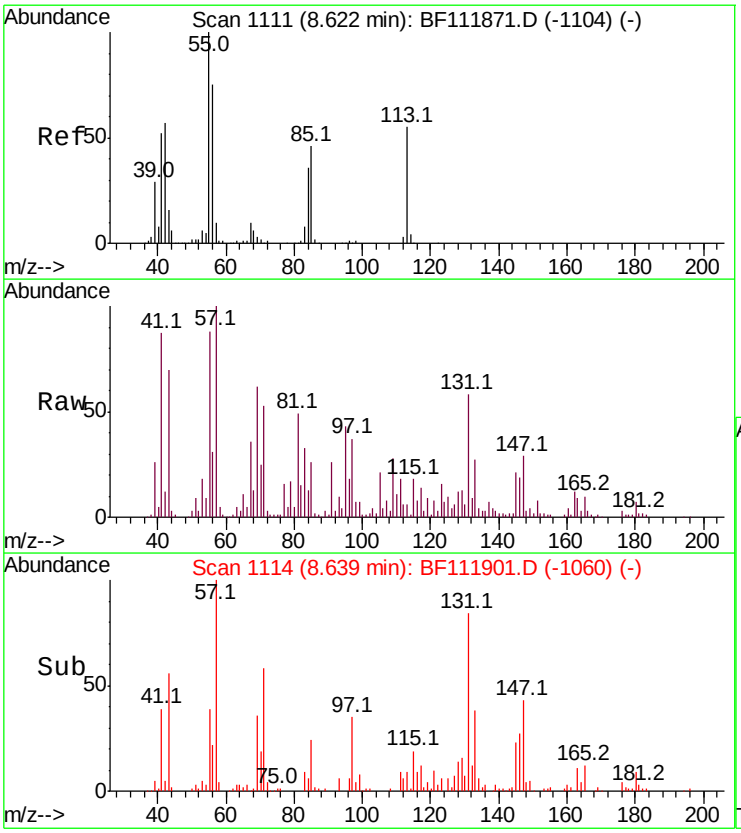
#32
Benzoic acid
Concen: 31.769 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 84859

Ion	Ratio	Lower	Upper
122	100		
105	935.7	107.9	147.9#
77	274.7	76.6	116.6#

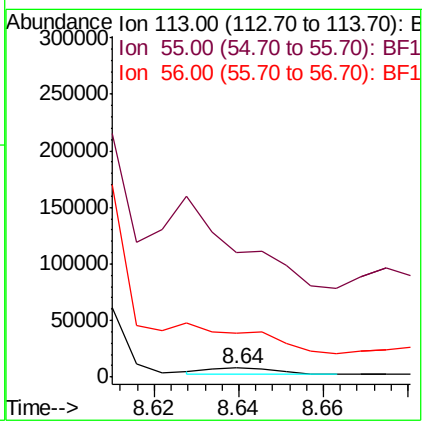


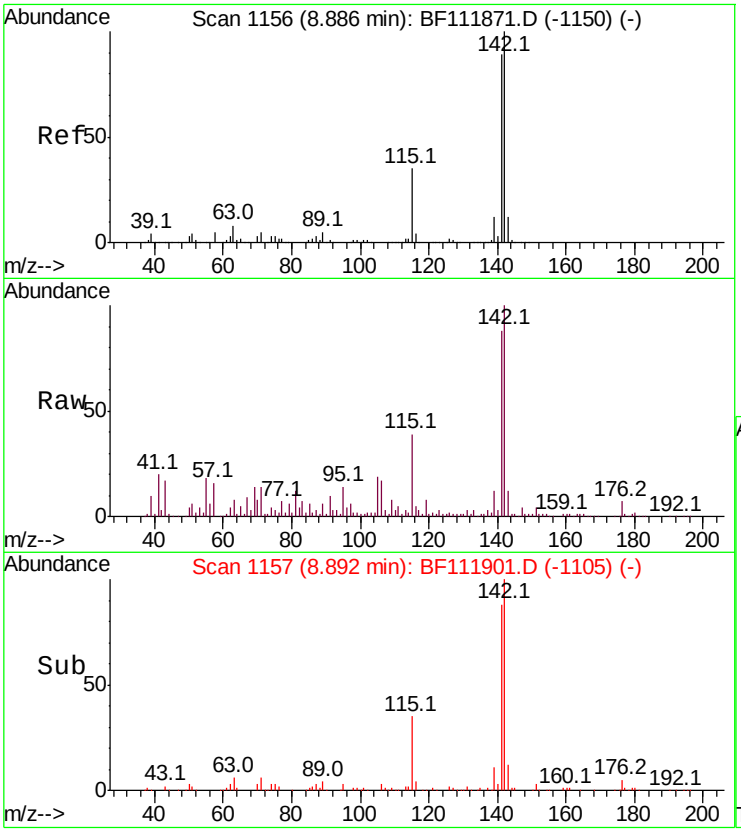


#35
Caprolactam
Concen: 3.872 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:113 Resp: 5988

Ion	Ratio	Lower	Upper
113	100		
55	1399.7	162.0	202.0#
56	497.0	116.0	156.0#



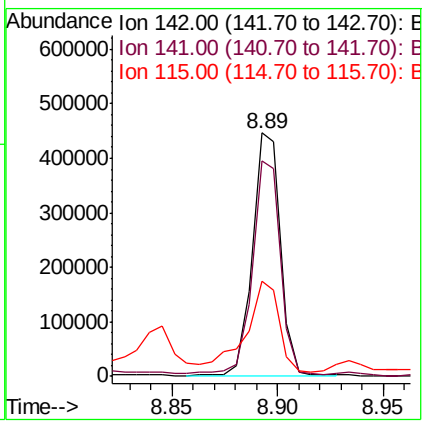


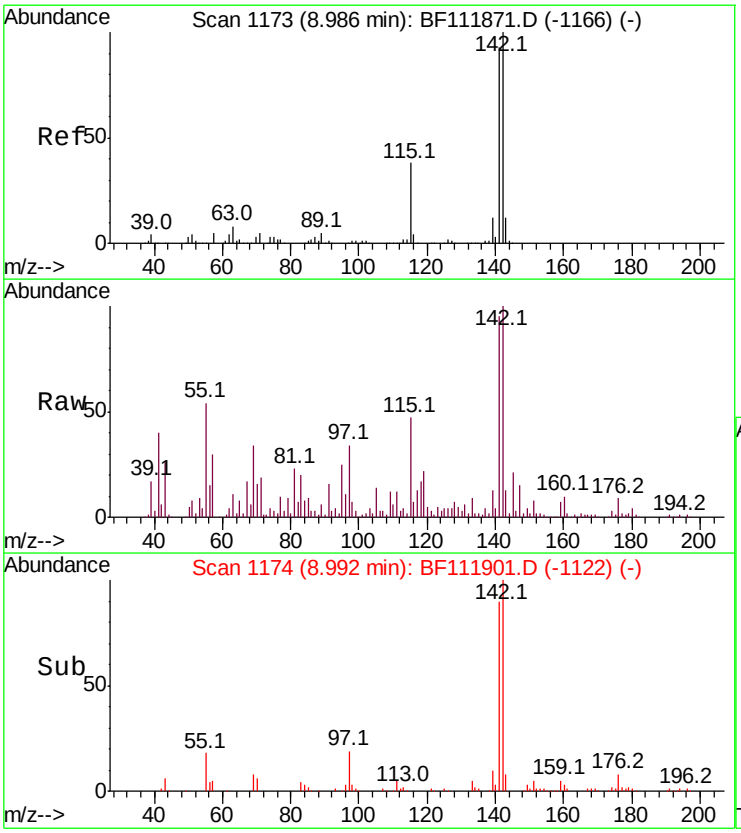
#37
2-Methylnaphthalene
Concen: 45.103 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 405262

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	39.2	28.3	42.5

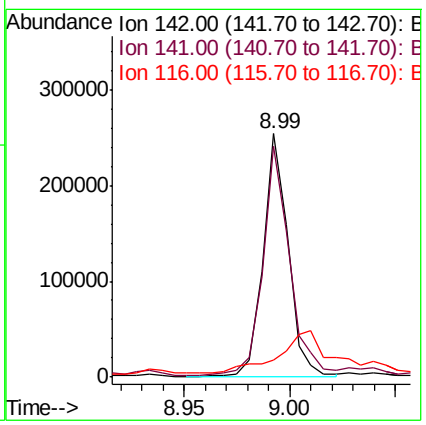


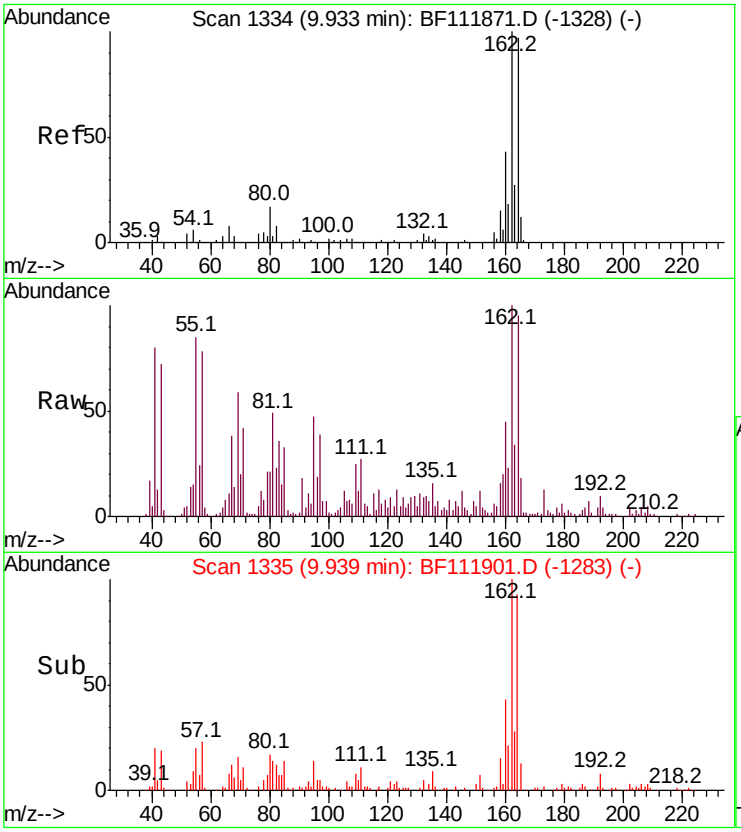


#38
1-Methylnaphthalene
Concen: 24.216 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:142 Resp: 208693

Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.8	112.2
116	7.1	3.1	4.7#



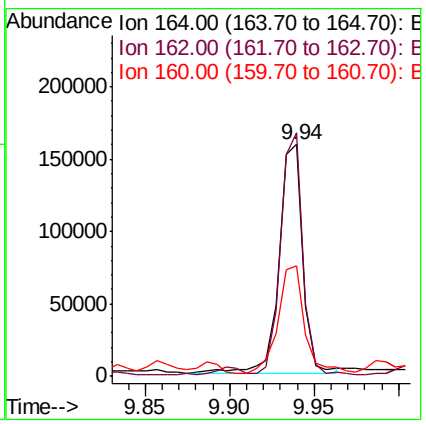


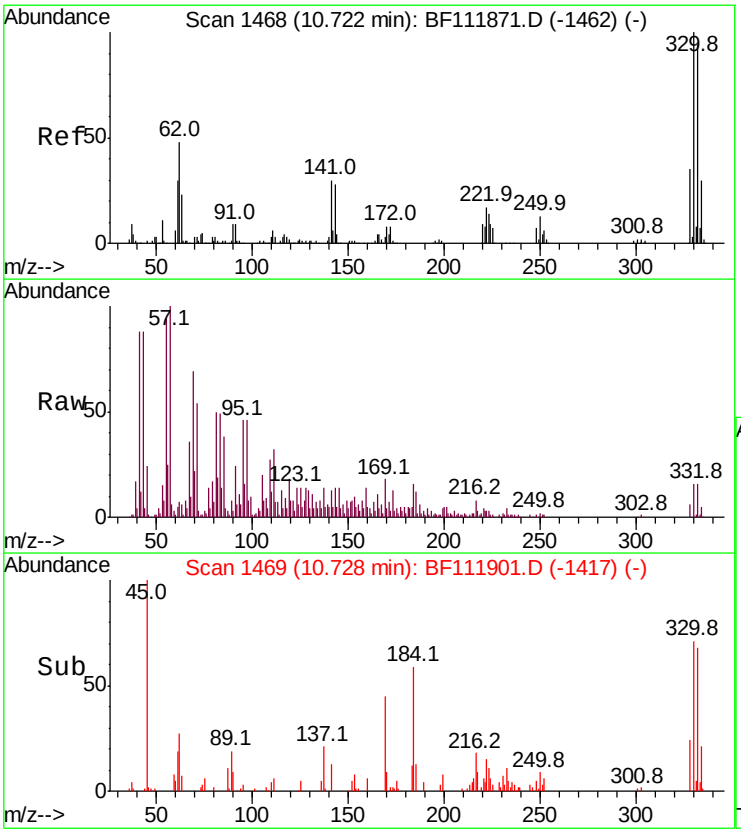
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 153490

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.2
160	47.5	35.5	53.3

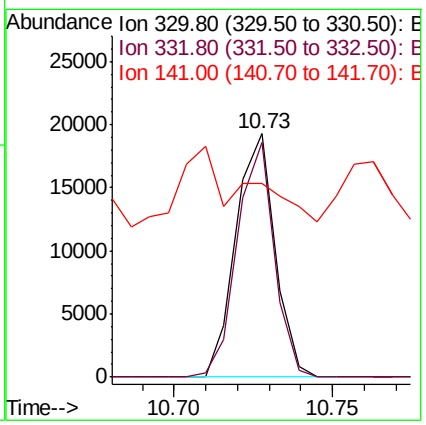


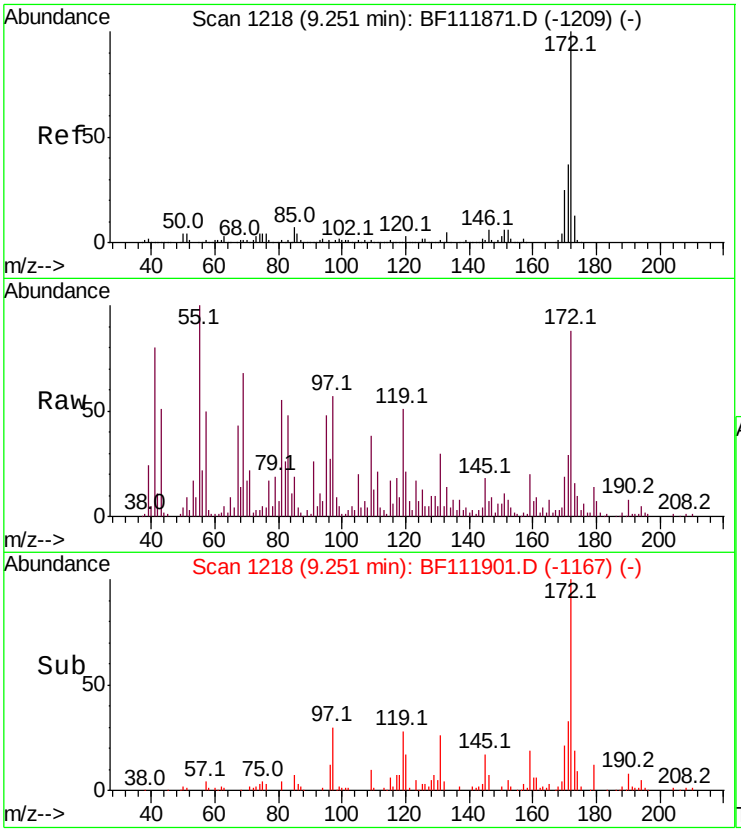


#42
2,4,6-Tribromophenol
Concen: 8.242 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:330 Resp: 16455

Ion	Ratio	Lower	Upper
330	100		
332	91.3	76.9	115.3
141	56.9	23.7	35.5#



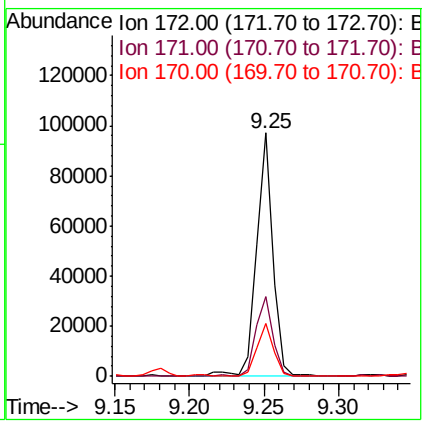


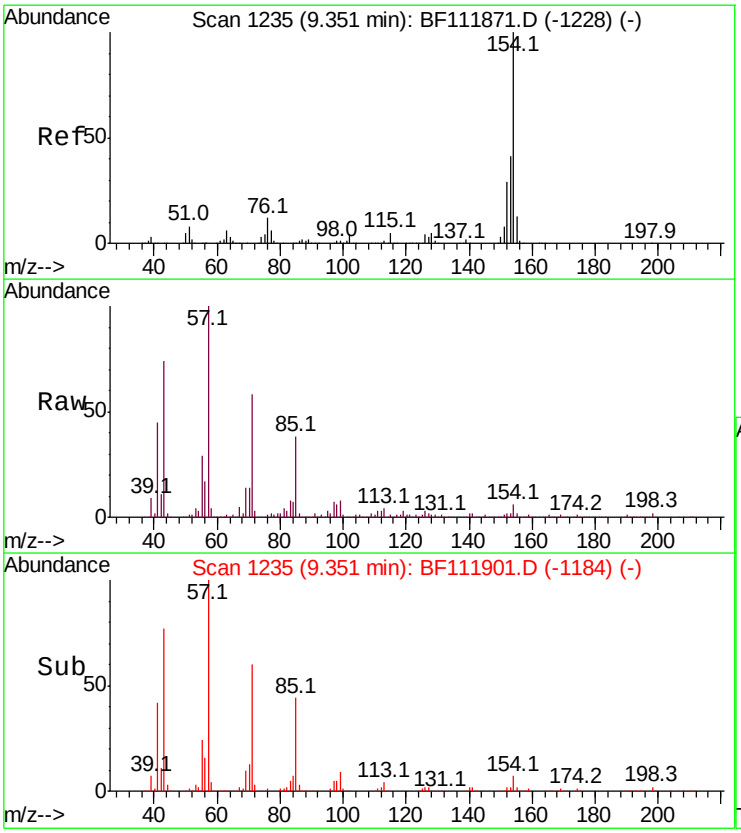
#45
2-Fluorobiphenyl
Concen: 6.924 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 72887

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.6	44.4
170	21.5	19.8	29.8

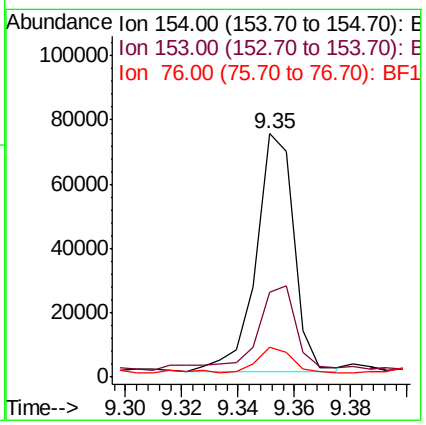


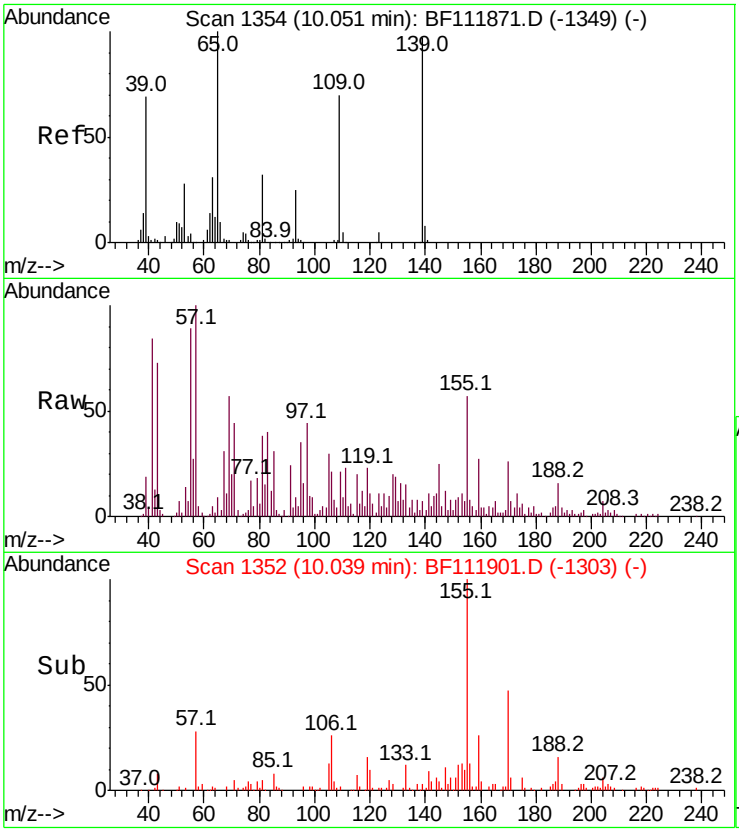


#46
1,1'-Biphenyl
Concen: 5.376 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:154 Resp: 69018

Ion	Ratio	Lower	Upper
154	100		
153	35.0	21.3	61.3
76	12.3	0.0	32.3



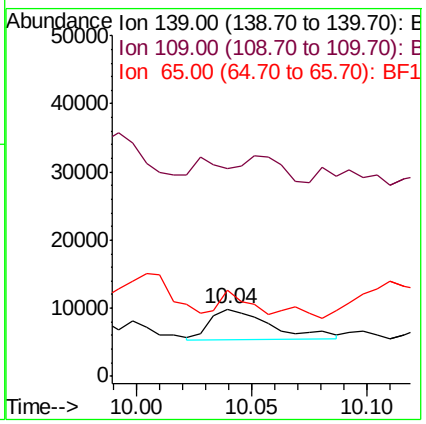


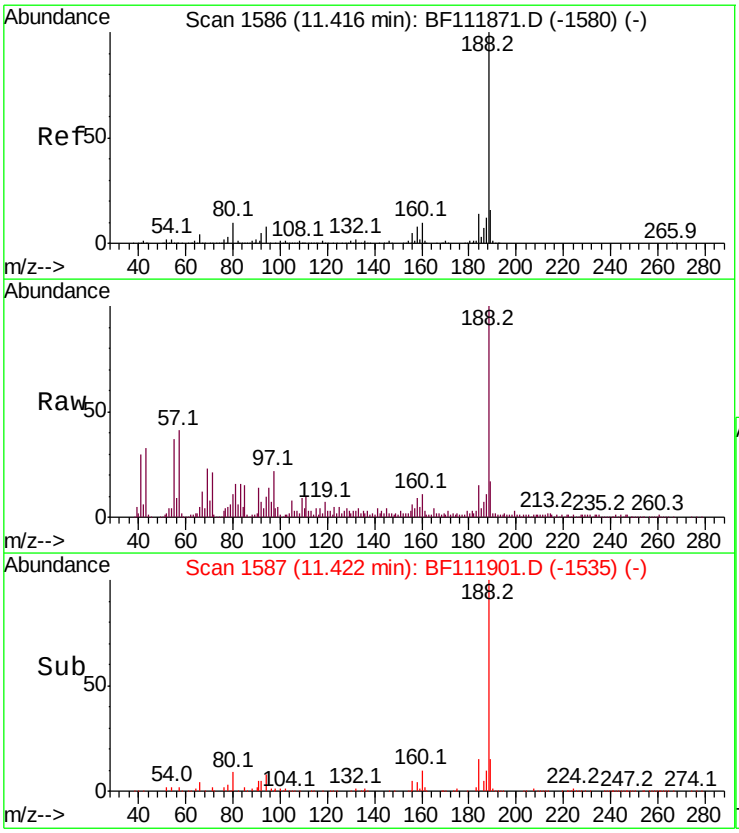
#56
4-Nitrophenol
Concen: 4.278 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8346

Ion	Ratio	Lower	Upper
139	100		
109	308.7	52.2	92.2#
65	128.1	83.1	123.1#

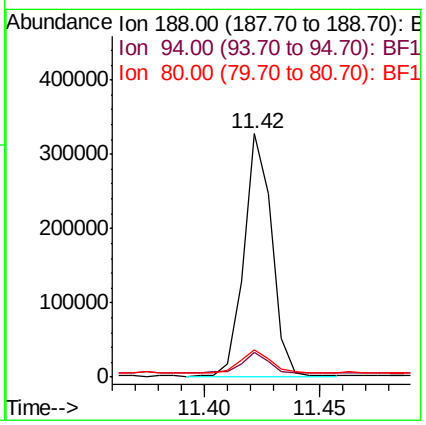


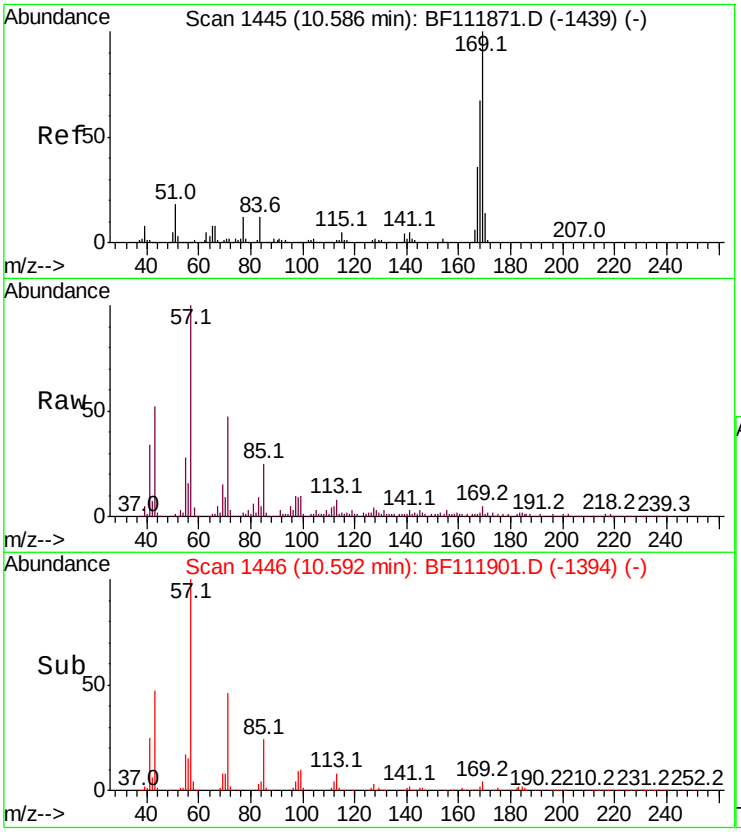


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:188 Resp: 273206

Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.6	10.0#
80	11.2	7.7	11.5



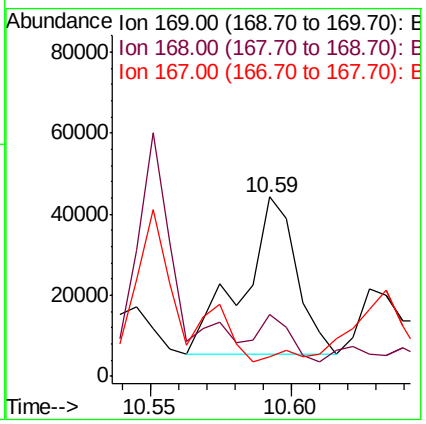


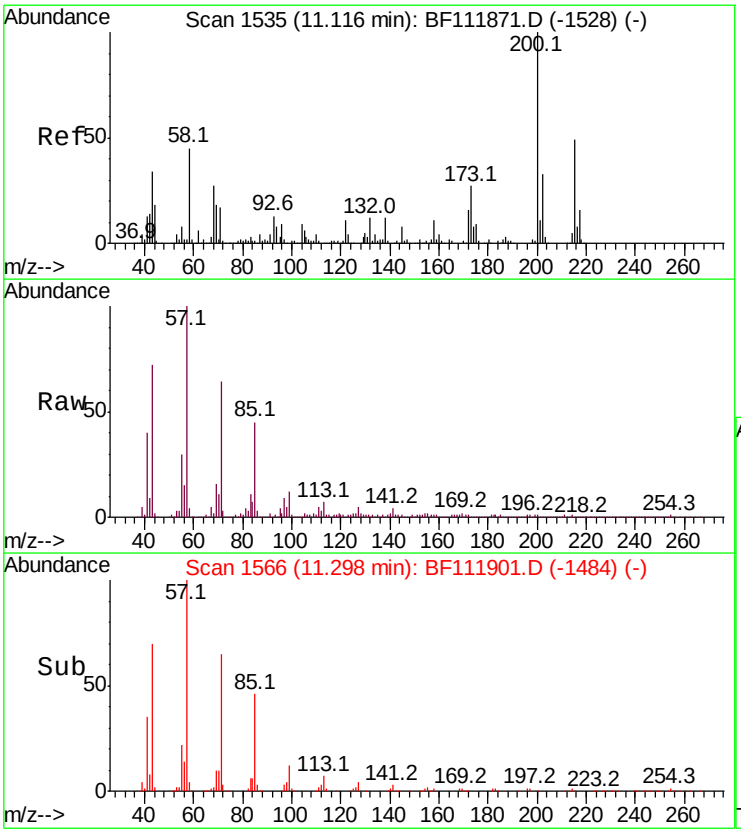
#66
n-Nitrosodiphenylamine
Concen: 5.601 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 51355

Ion	Ratio	Lower	Upper
169	100		
168	34.3	53.8	80.6#
167	10.6	29.1	43.7#

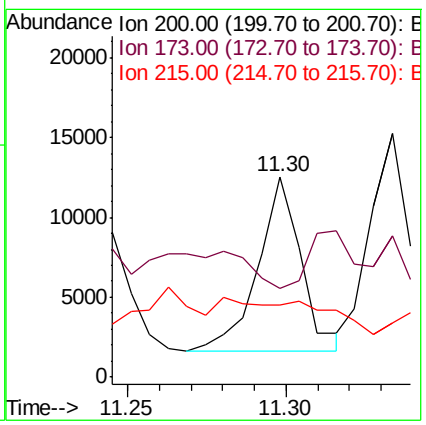


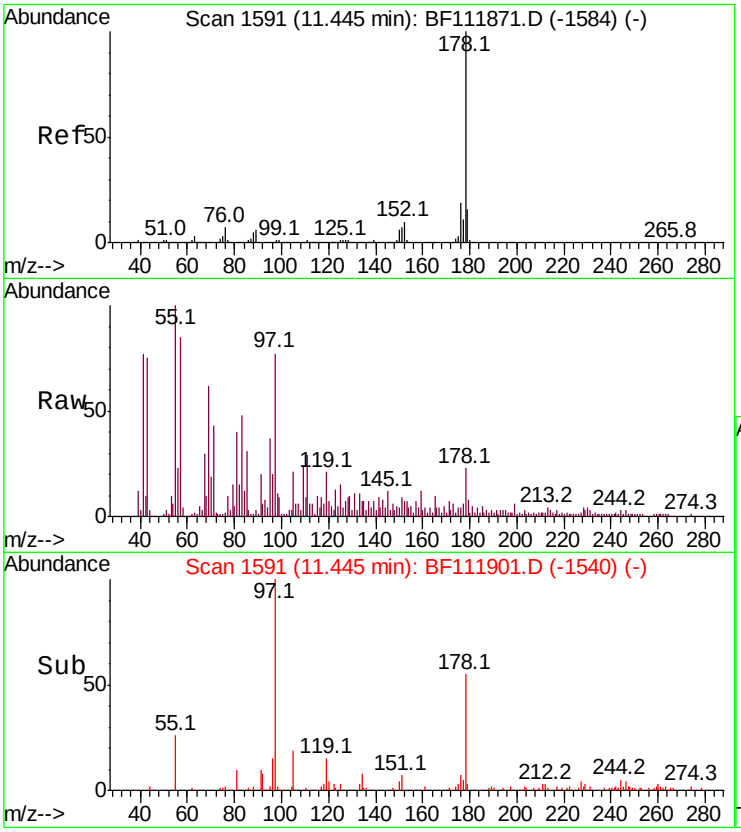


#69
Atrazine
Concen: 3.188 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.18 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:200 Resp: 10269

Ion	Ratio	Lower	Upper
200	100		
173	44.6	6.6	46.6
215	35.9	28.9	68.9



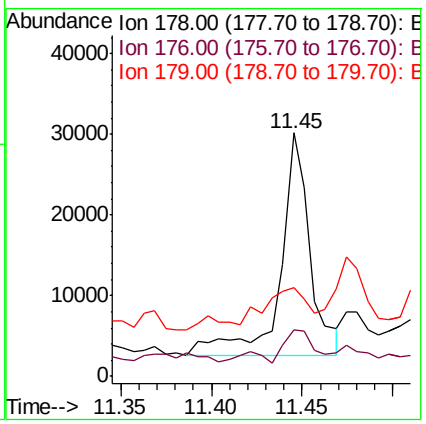


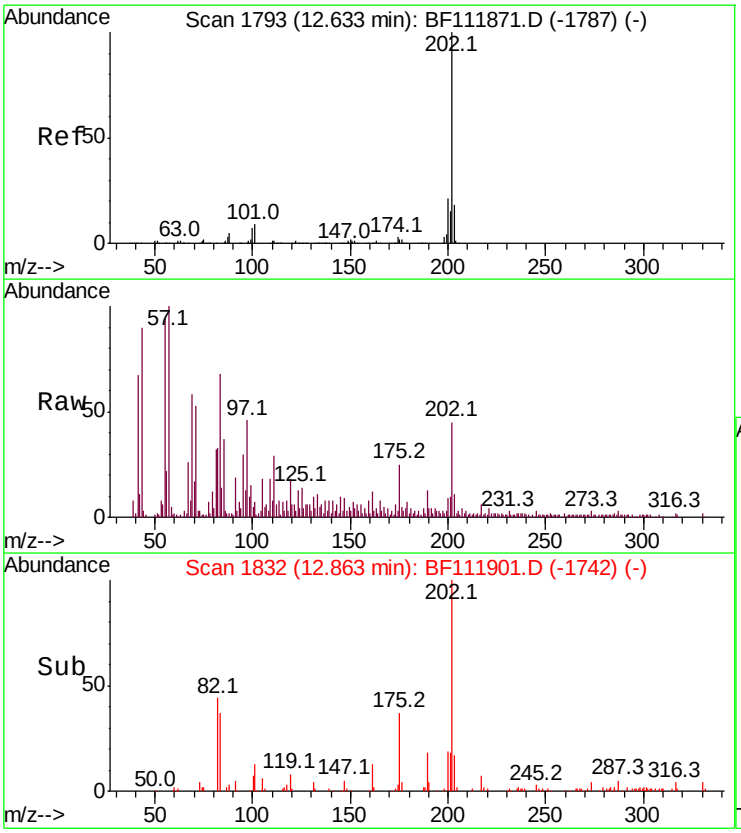
#71
Phenanthrene
Concen: 2.162 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31584

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	36.4	12.6	18.8#

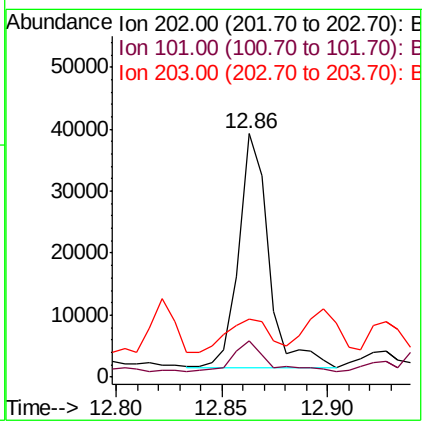


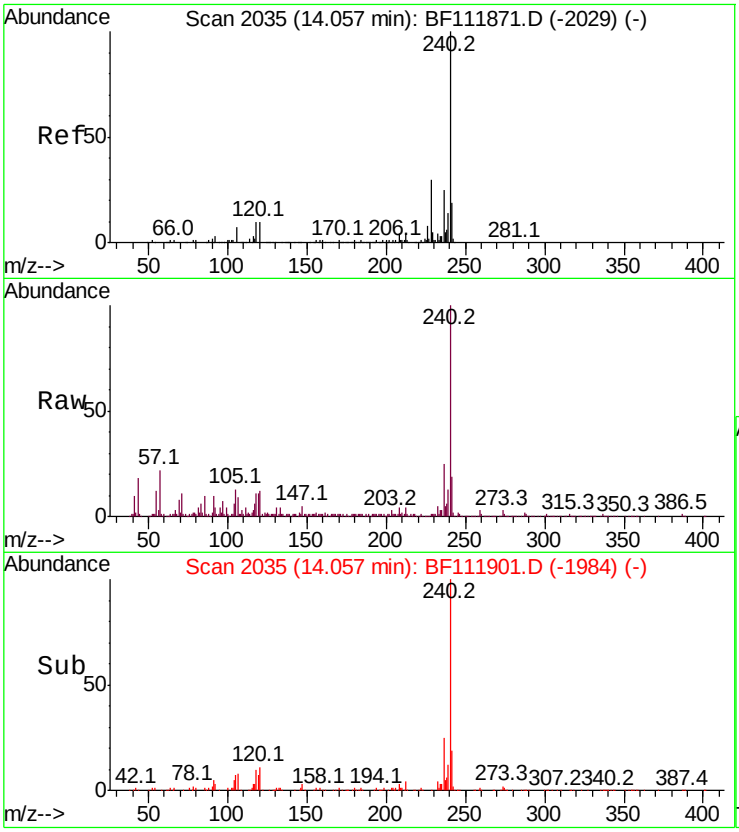


#75
Fluoranthene
Concen: 2.509 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.23 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:202 Resp: 37617

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	29.3
203	23.8	0.0	37.6



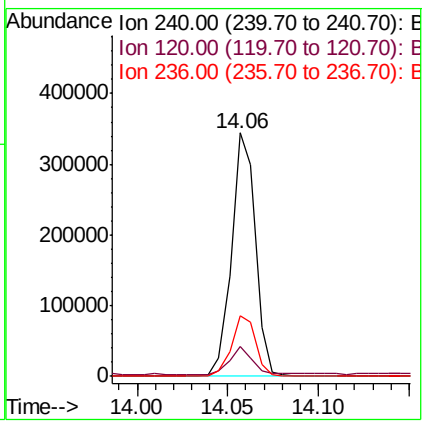


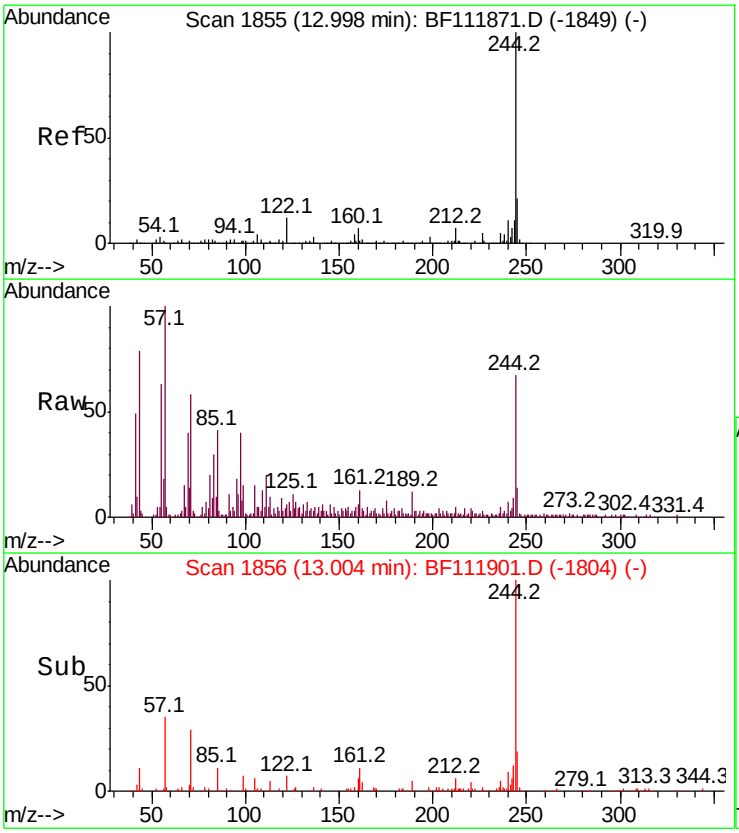
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 313336

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.2	12.2
236	25.1	20.2	30.4

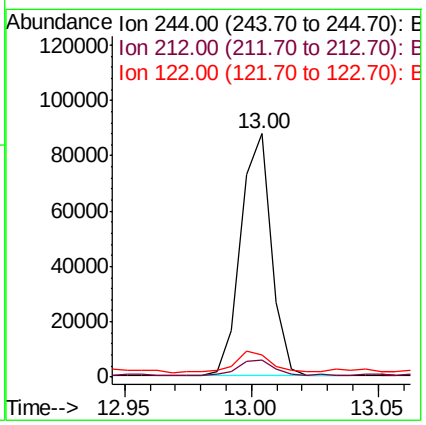


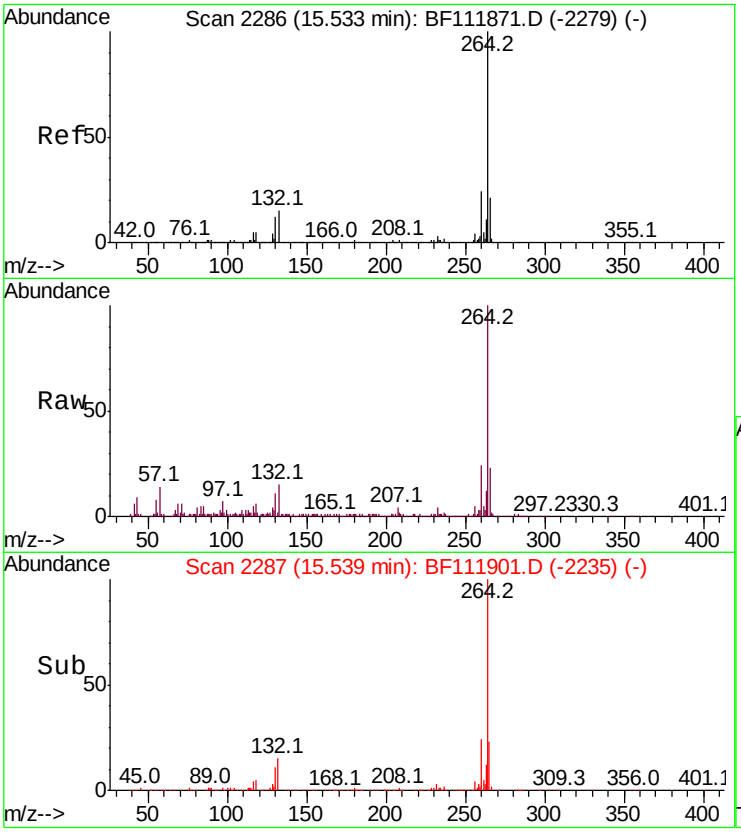


#79
Terphenyl-d14
Concen: 4.455 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:244 Resp: 73544

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.2	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 207908

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.1	25.7