Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

Quantitation Report (Not Reviewed)

Data File : BF111101.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6084-01RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SFVP8283LMRE

Quant Time: Nov 30 02:40:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57168	20.00	ng	0.02
21) Naphthalene-d8	8.22	136	231851	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	95966	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	143170	20.00	ng	0.00
76) Chrysene-d12	14.13	240	133301	20.00	ng	0.00
87) Perylene-d12	15.67	264	93074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	29528	8.57	ng	0.08
7) Phenol-d6	6.66	99	16380	3.65	ng	0.09
23) Nitrobenzene-d5	7.52	82	47329	11.68	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	5506	5.78	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	82767	12.50	ng	0.00
79) Terphenyl-d14	13.05	244	64049	9.35	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.72	93	14556497	2621.058	ng	# 58
9) Benzaldehyde	6.71	77	187037	Below Cal		# 1
10) Phenol	6.67	94	831278	164.305	ng	# 1
11) bis(2-Chloroethyl)ether	6.72	93	14563141	3820.721	ng	# 27
16) 2,2'-oxybis(1-Chloropropan	7.39	45	12525	2.065	ng	# 1
17) 2-Methylphenol	7.34	107	235386	72.463	ng	# 27
18) Hexachloroethane	7.46	117	5989	3.528	ng	# 1
19) n-Nitroso-di-n-propylamine	7.39	70	9296	3.177	ng	# 6
20) 3+4-Methylphenols	7.39	107	95851	22.198	ng	# 37
24) Nitrobenzene	7.63	77	2220035	526.964	ng	# 42
27) 2,4-Dimethylphenol	7.80	122	68532	22.172	ng	# 1
31) Naphthalene	8.25	128	22925	2.109	ng	# 95
33) 4-Chloroaniline	8.31	127	16431	3.552	ng	# 78
35) Caprolactam	8.62	113	3029	2.743	ng	# 1
37) 2-Methylnaphthalene	8.94	142	31333	4.365	ng	97
38) 1-Methylnaphthalene	9.04	142	20024	2.868	ng	# 94
50) Dimethylphthalate	9.68	163	35628	5.062	ng	99
54) 2,4-Dinitrophenol	10.26	184	398	4.403	ng	# 24
56) 4-Nitrophenol	10.11	139	257	4.477	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.48	198	3293	4.862	ng	89
69) Atrazine	11.15	200	591	2.050	ng	73
77) Benzidine	12.83	184	168525	49.427	ng	# 71
84) Bis(2-ethylhexyl)phthalate	14.06	149	48542	8.288	ng	97

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

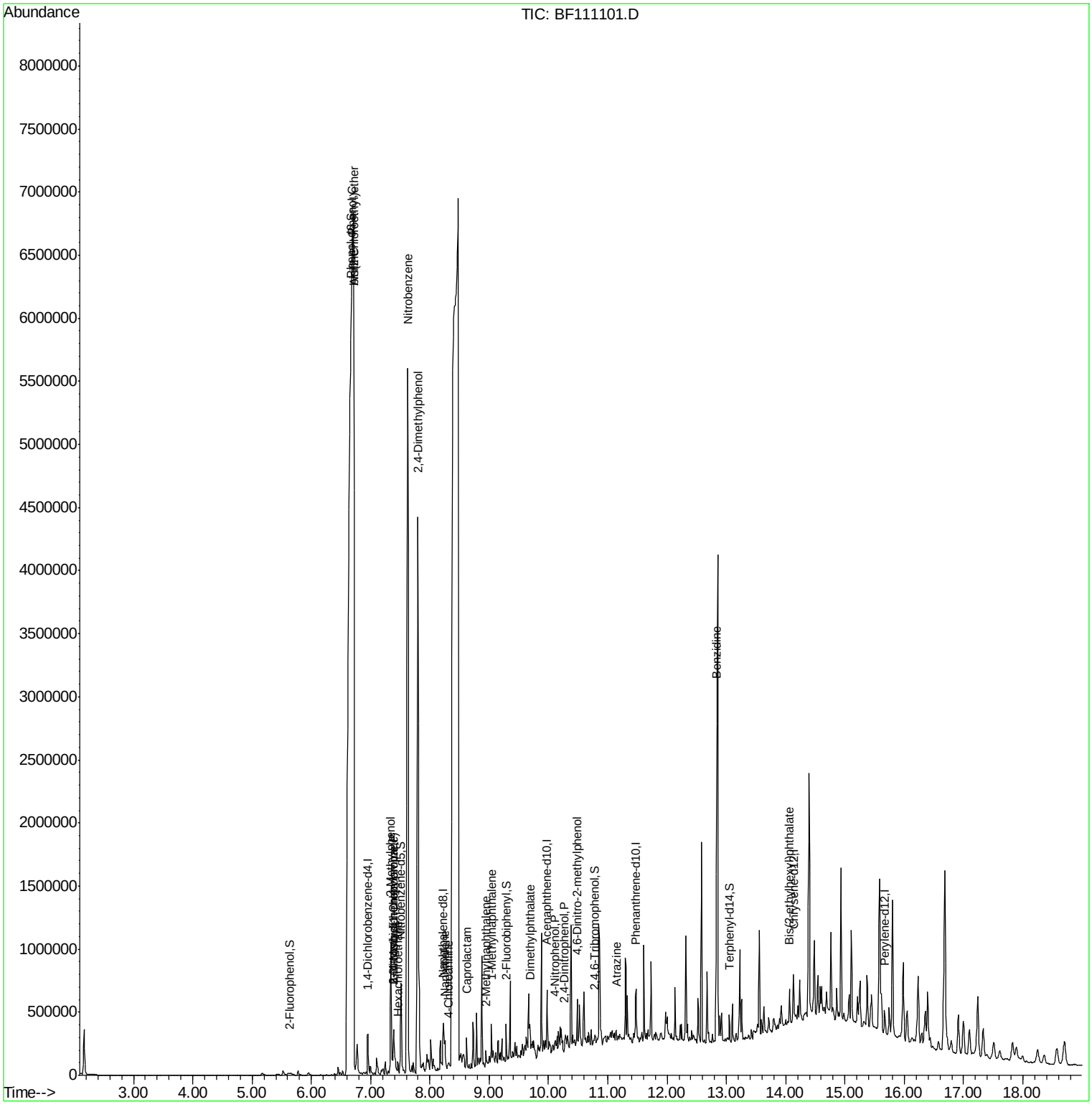
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

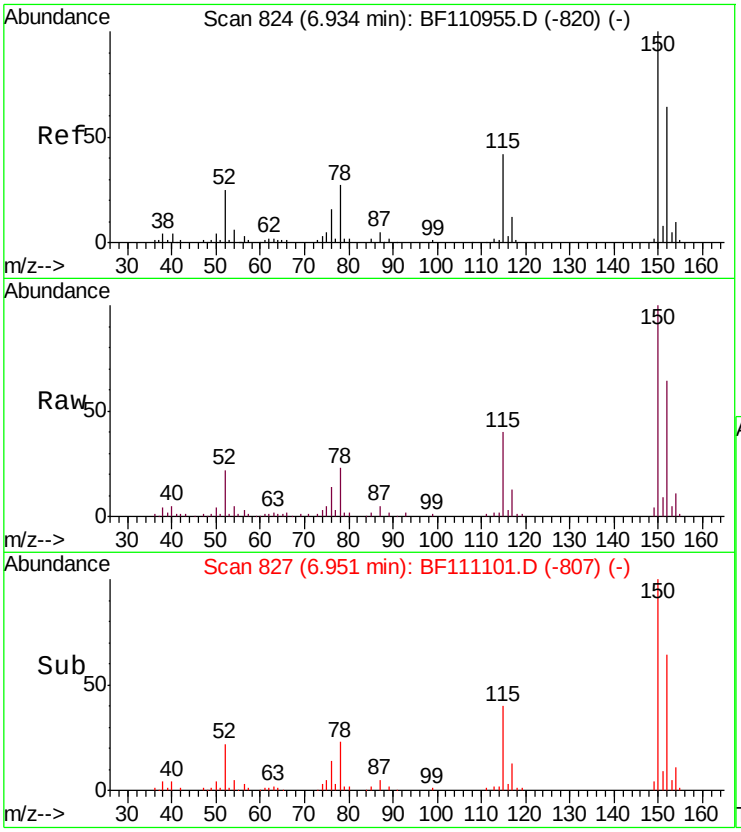
Quantitation Report (Not Reviewed)

Data File : BF111101.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6084-01RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Quant Time: Nov 30 02:40:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



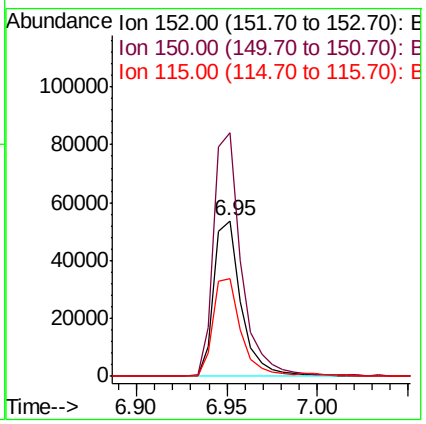


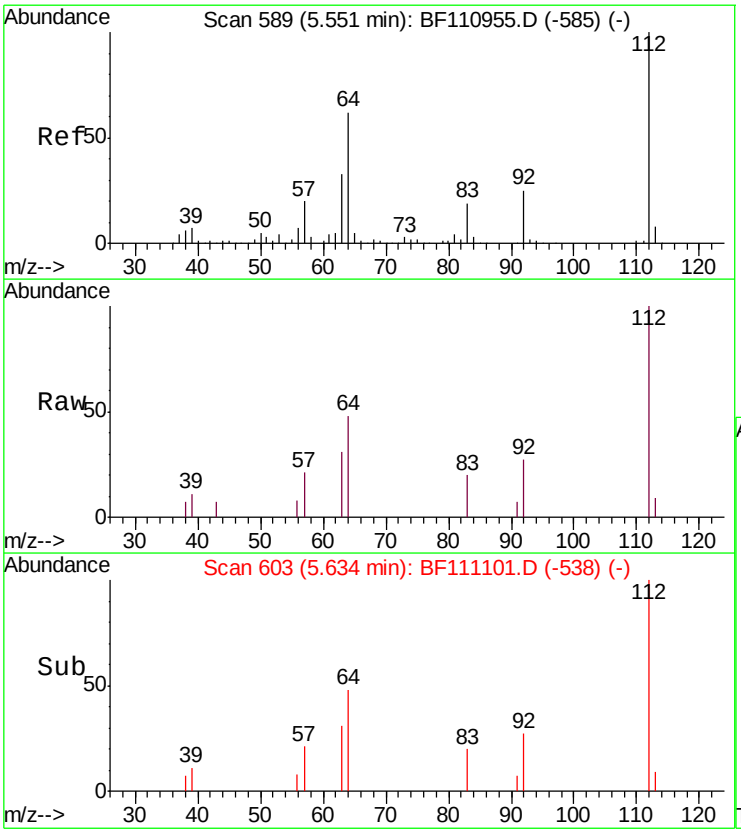
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:152 Resp: 57168

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	62.4	49.1	73.7

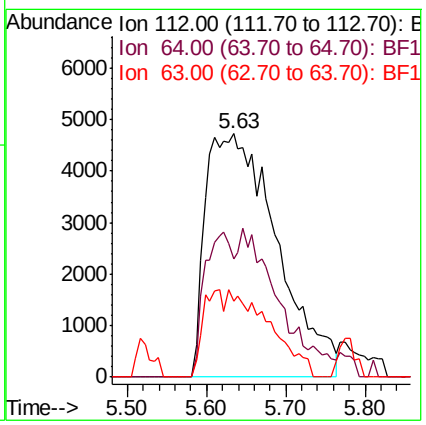


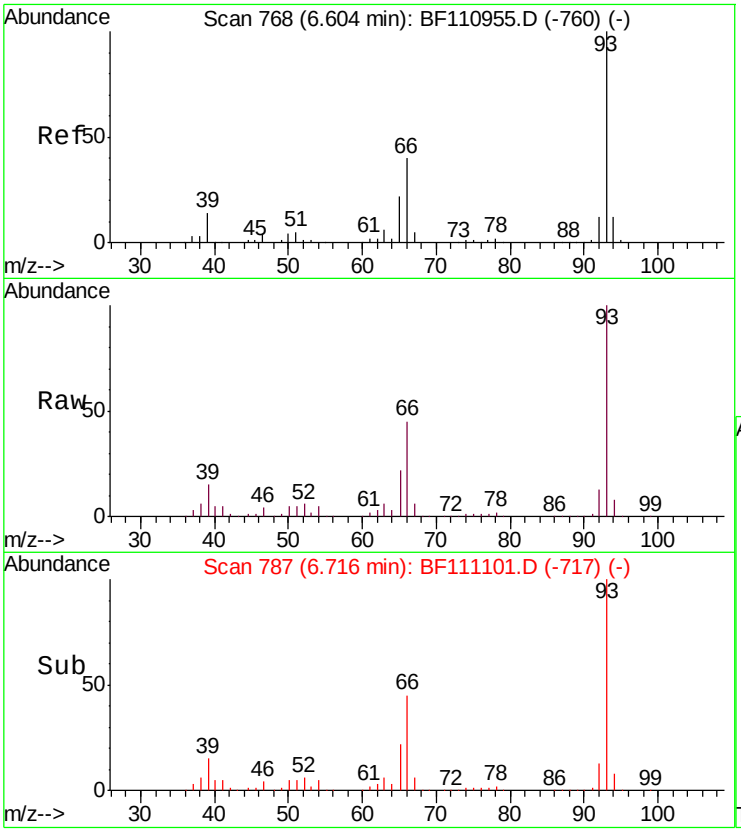


#5
2-Fluorophenol
Concen: 8.565 ng
RT: 5.63 min Scan# 603
Delta R.T. 0.08 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:112 Resp: 29528

Ion	Ratio	Lower	Upper
112	100		
64	48.4	44.1	66.1
63	31.3	23.7	35.5



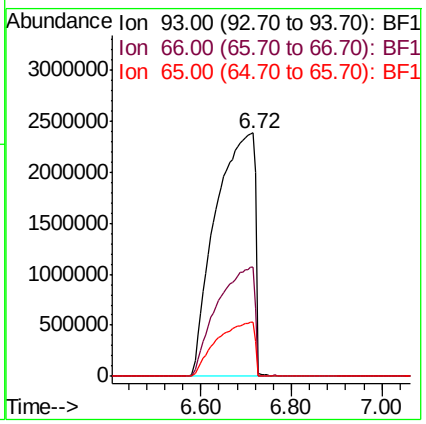


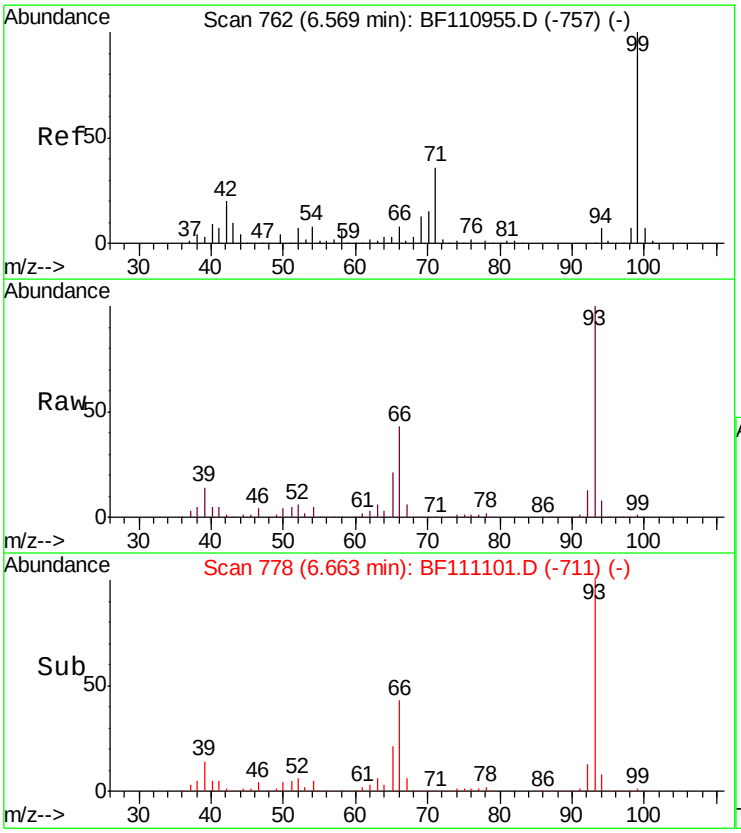
#6
Aniline
Concen: 2621.058 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.11 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion: 93 Resp:14556497

Ion	Ratio	Lower	Upper
93	100		
66	45.0	67.4	101.0#
65	22.4	41.0	61.4#

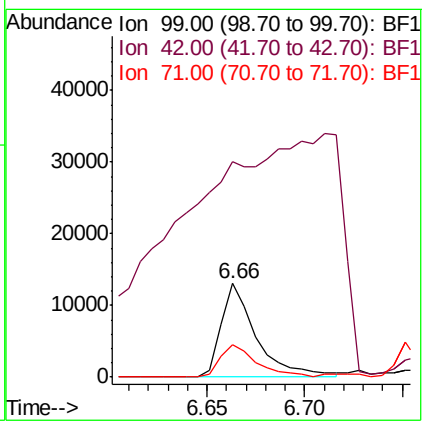


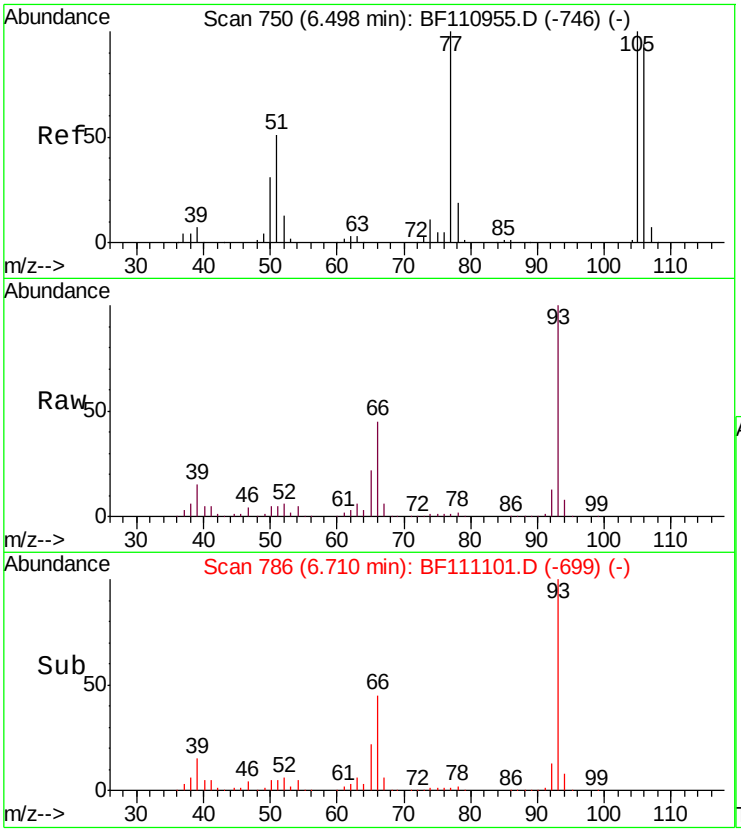


#7
Phenol-d6
Concen: 3.646 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.09 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion: 99 Resp: 16380

Ion	Ratio	Lower	Upper
99	100		
42	230.5	15.8	23.6#
71	34.7	28.0	42.0



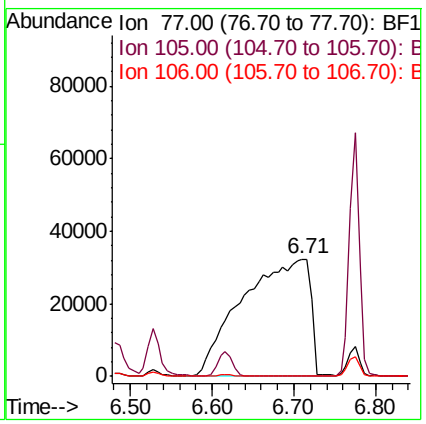


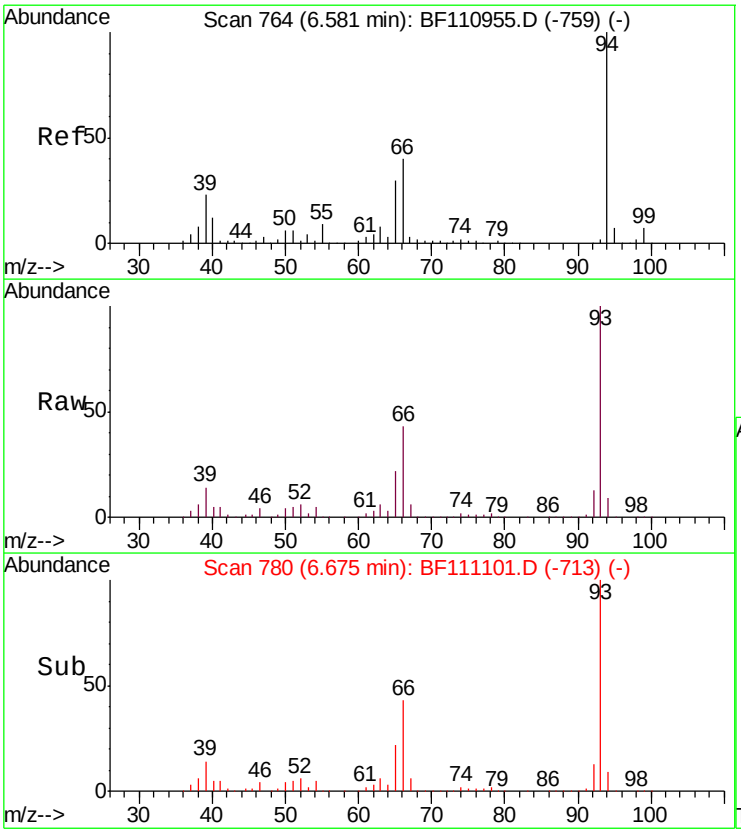
#9
Benzaldehyde
Concen: Below Cal
RT: 6.71 min Scan# 786
Delta R.T. 0.21 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion: 77 Resp: 187037

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.6	118.6#
106	0.0	74.8	114.8#

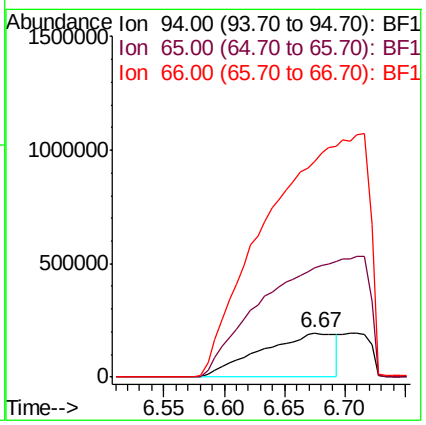


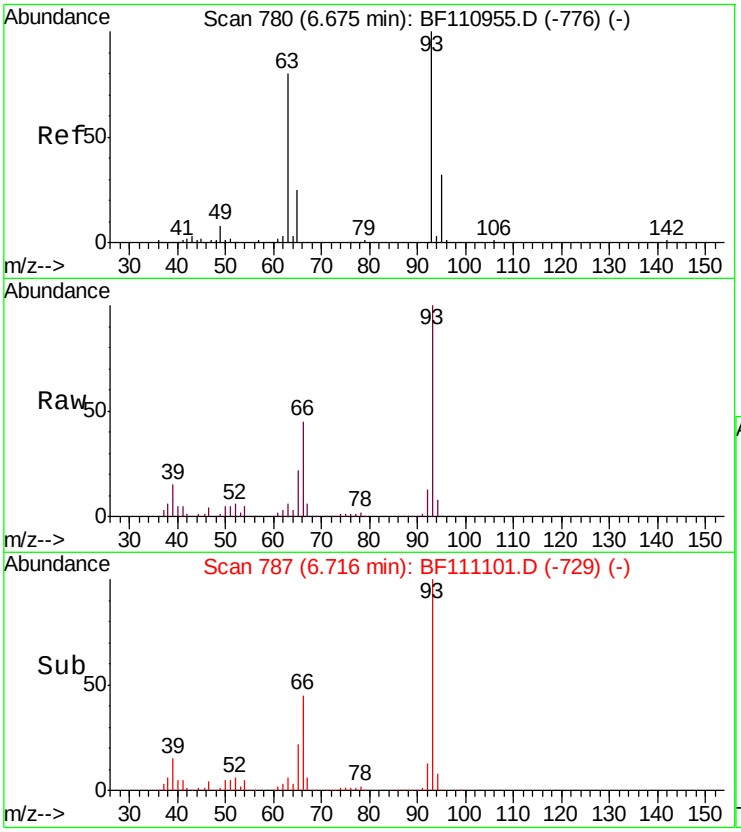


#10
Phenol
Concen: 164.305 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion: 94 Resp: 831278

Ion	Ratio	Lower	Upper
94	100		
65	244.1	25.3	65.3#
66	484.3	54.5	94.5#



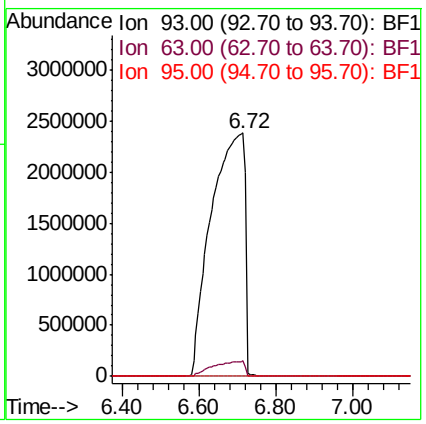


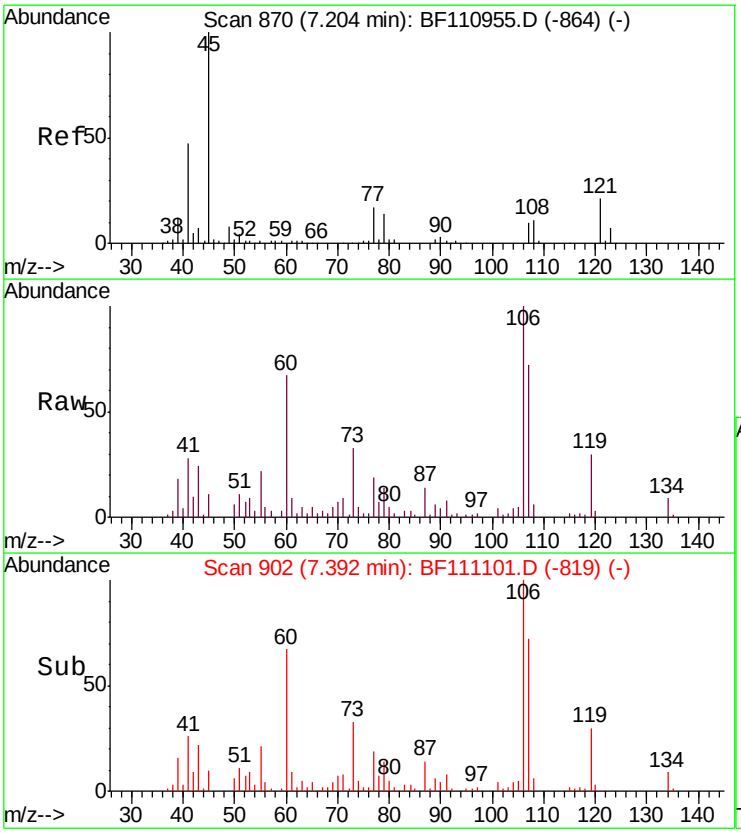
#11
bis(2-Chloroethyl)ether
Concen: 3820.721 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.04 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion: 93 Resp:14563141

Ion	Ratio	Lower	Upper
93	100		
63	6.2	53.4	93.4#
95	0.2	12.1	52.1#

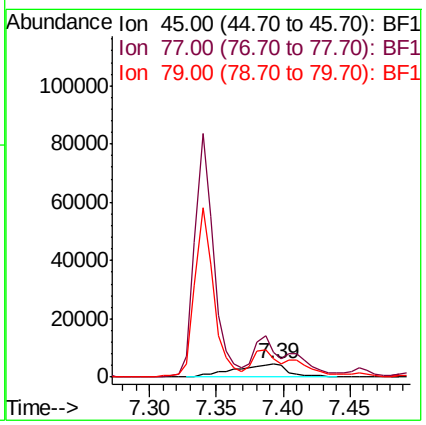


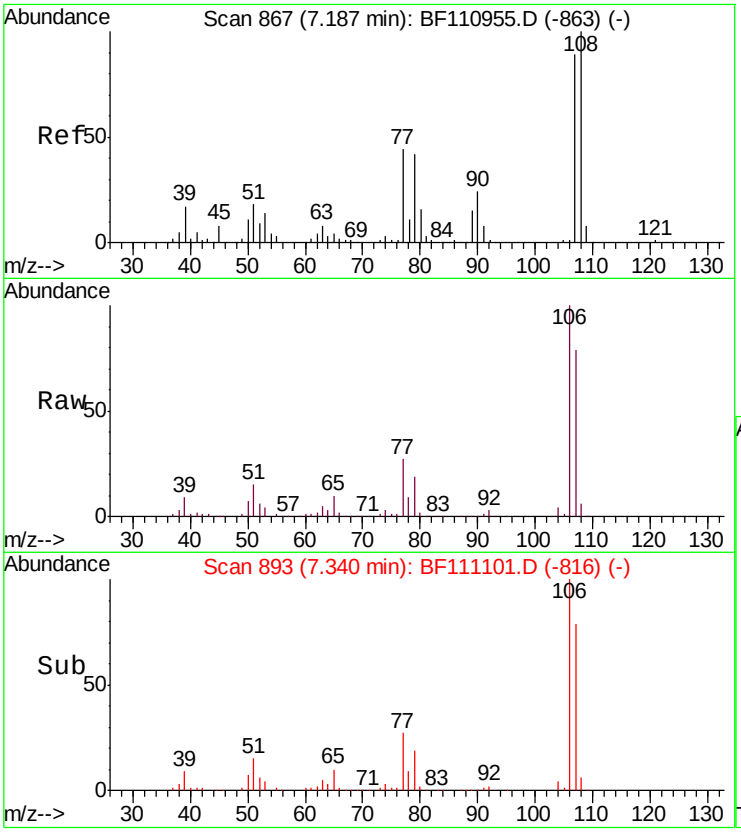


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.065 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.19 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion: 45 Resp: 12525

Ion	Ratio	Lower	Upper
45	100		
77	180.5	10.0	50.0#
79	129.5	6.1	46.1#



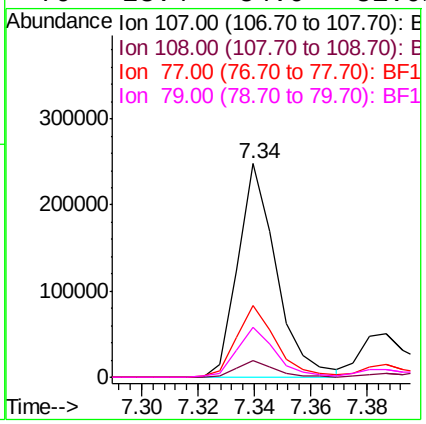


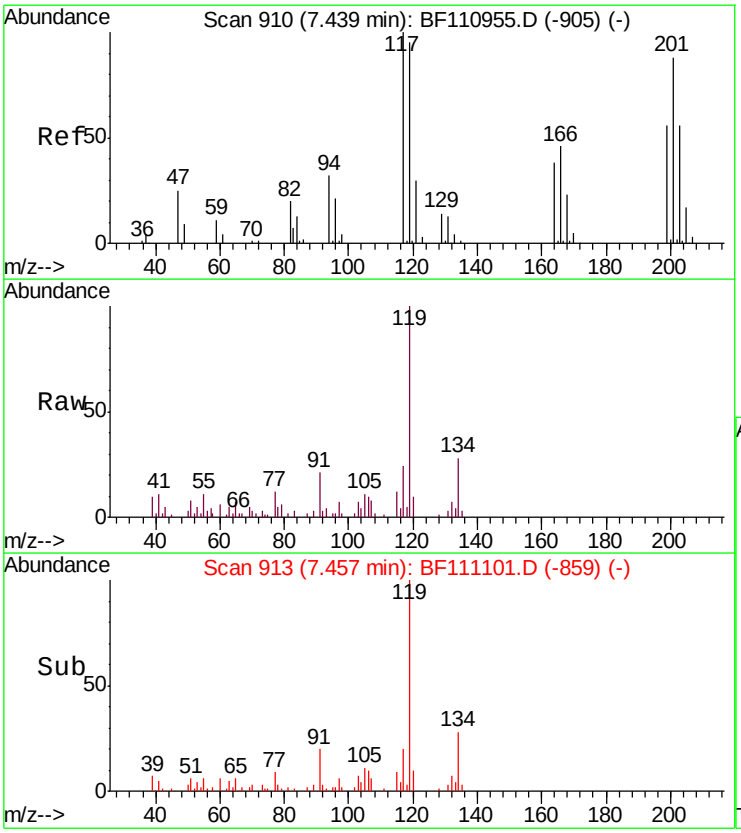
#17
2-Methylphenol
Concen: 72.463 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:107 Resp: 235386

Ion	Ratio	Lower	Upper
107	100		
108	7.7	92.6	138.8#
77	33.7	59.4	89.2#
79	23.4	54.0	81.0#

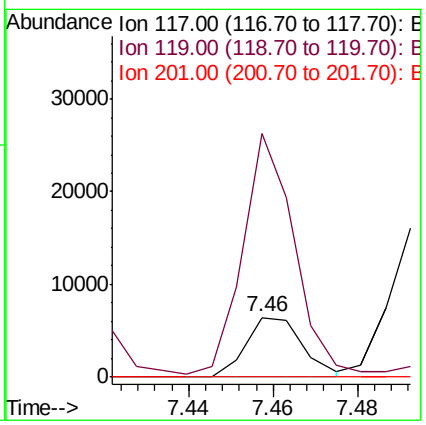


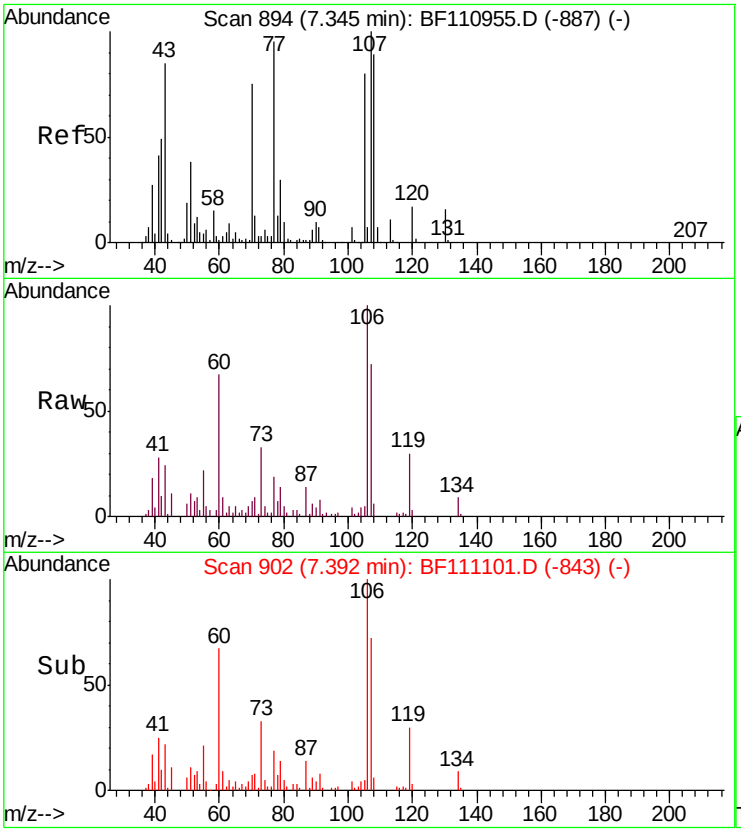


#18
Hexachloroethane
Concen: 3.528 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:117 Resp: 5989

Ion	Ratio	Lower	Upper
117	100		
119	409.2	75.0	112.6#
201	0.0	79.2	118.8#



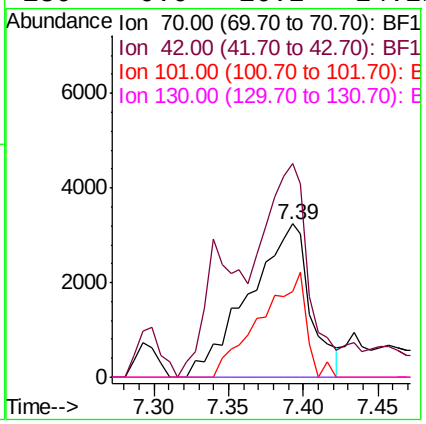


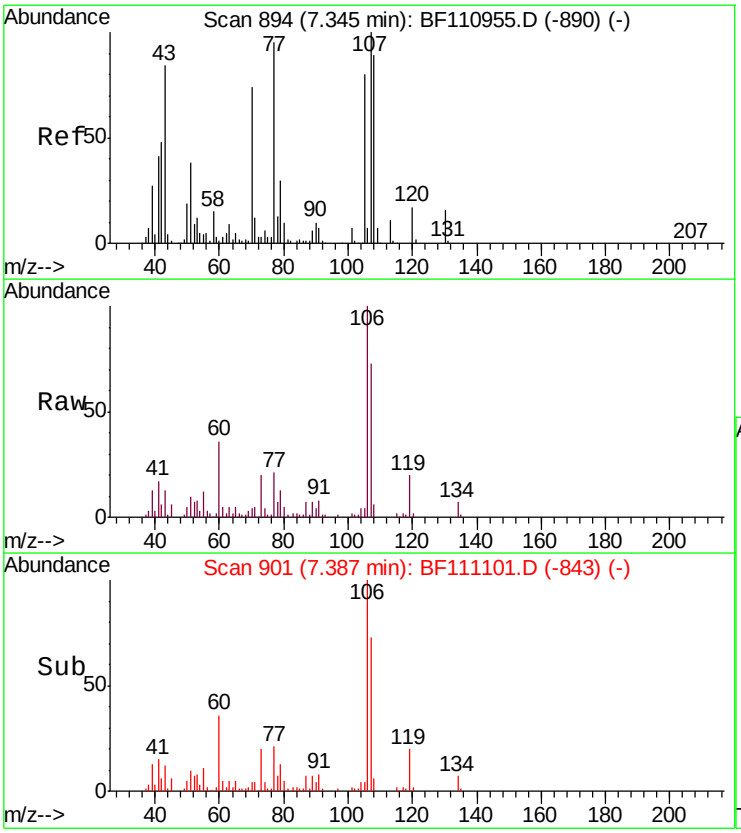
#19
n-Nitroso-di-n-propylamine
Concen: 3.177 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.05 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion: 70 Resp: 9296

Ion	Ratio	Lower	Upper
70	100		
42	139.2	47.4	71.2#
101	55.9	7.3	10.9#
130	0.0	16.2	24.2#

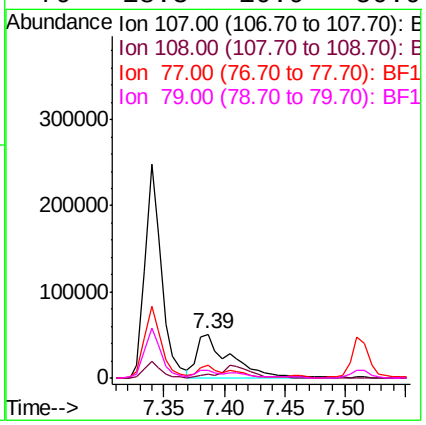


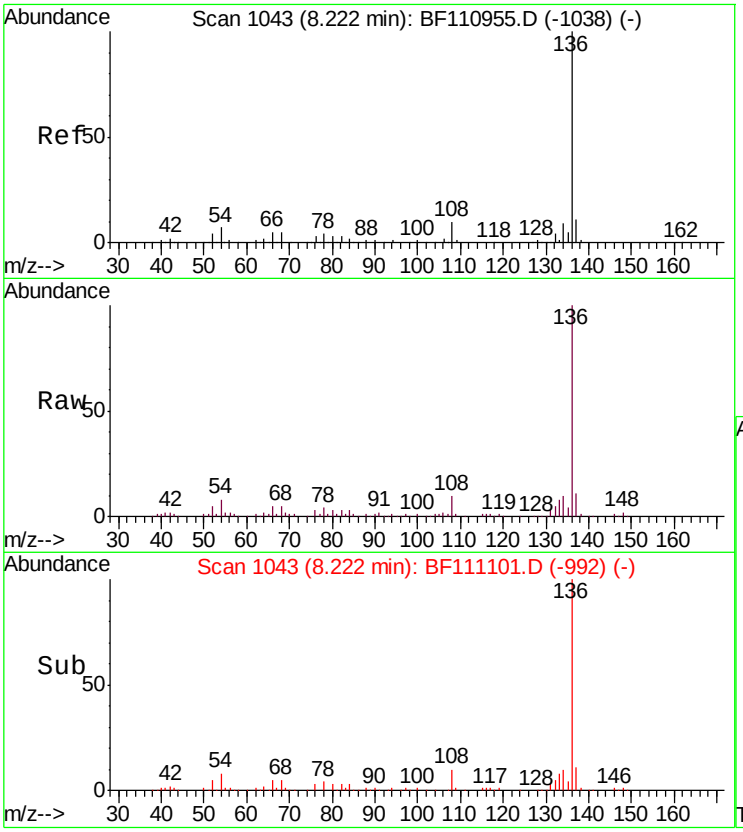


#20
3+4-Methylphenols
Concen: 22.198 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.04 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:107 Resp: 95851

Ion	Ratio	Lower	Upper
107	100		
108	8.2	71.4	111.4#
77	28.2	47.3	87.3#
79	18.3	10.9	50.9



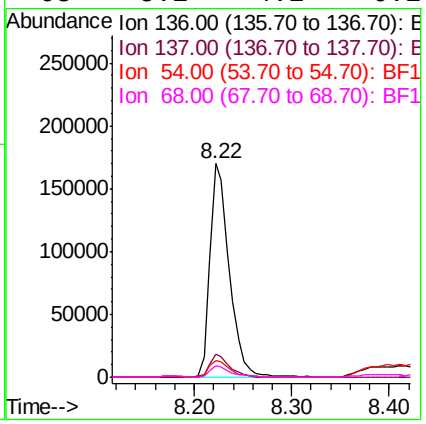


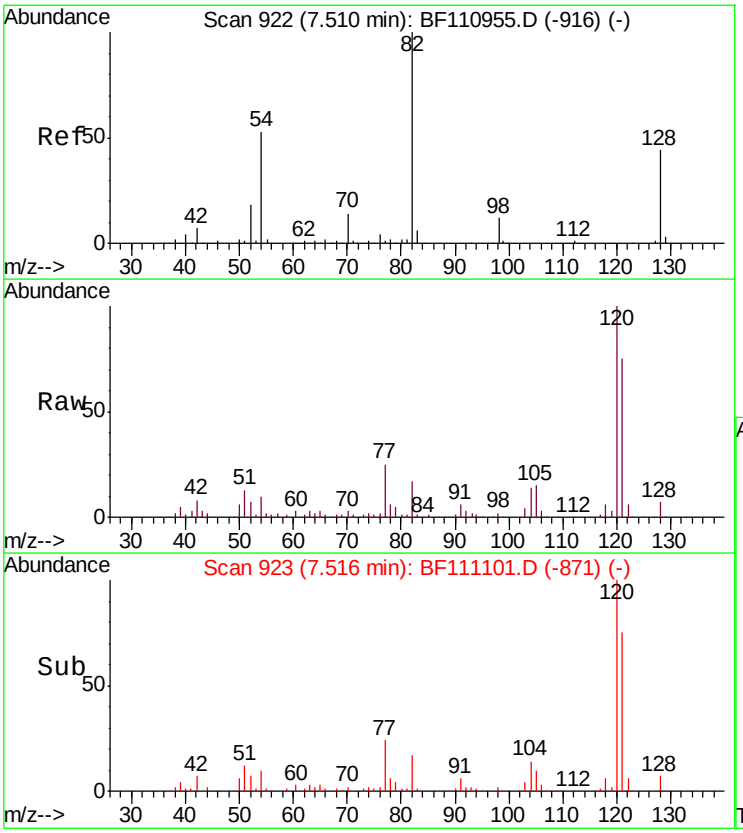
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:136 Resp: 231851

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2

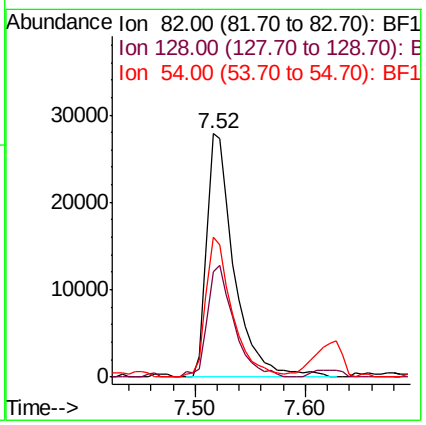


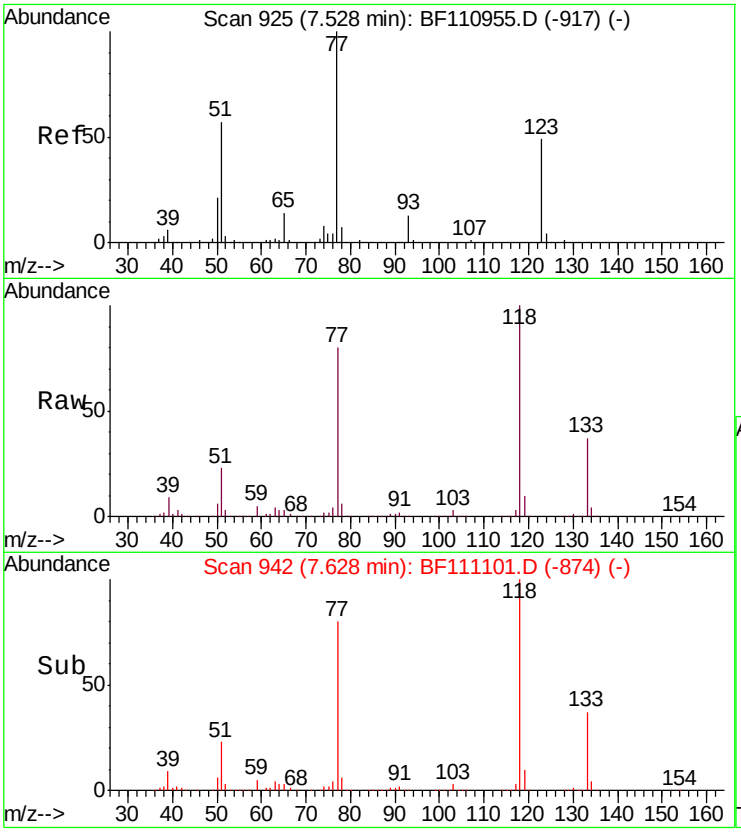


#23
Nitrobenzene-d5
Concen: 11.683 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion: 82 Resp: 47329

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.2
54	57.6	38.6	58.0



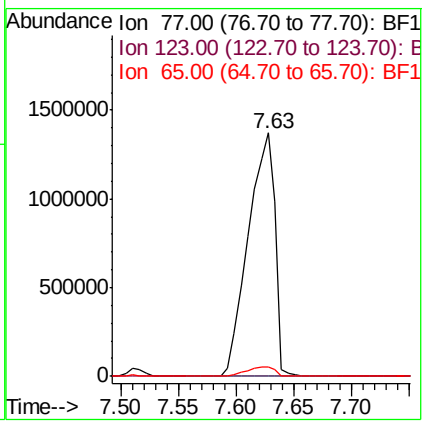


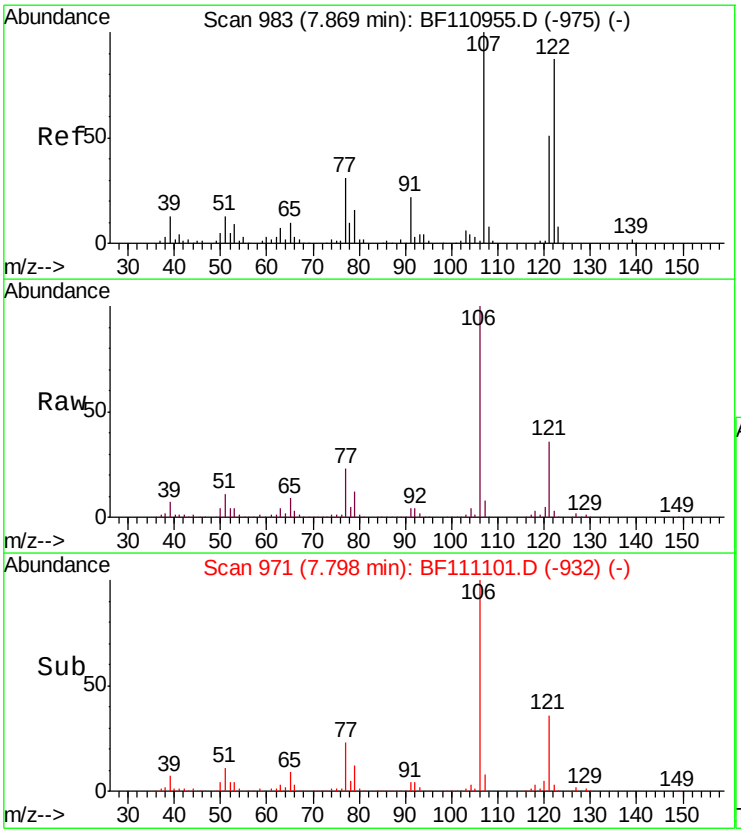
#24
Nitrobenzene
Concen: 526.964 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.10 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion: 77 Resp: 2220035

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	4.1	10.7	16.1#

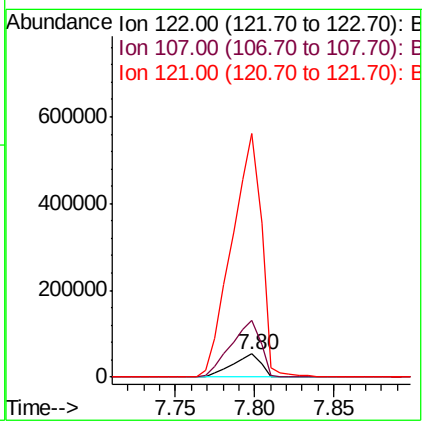


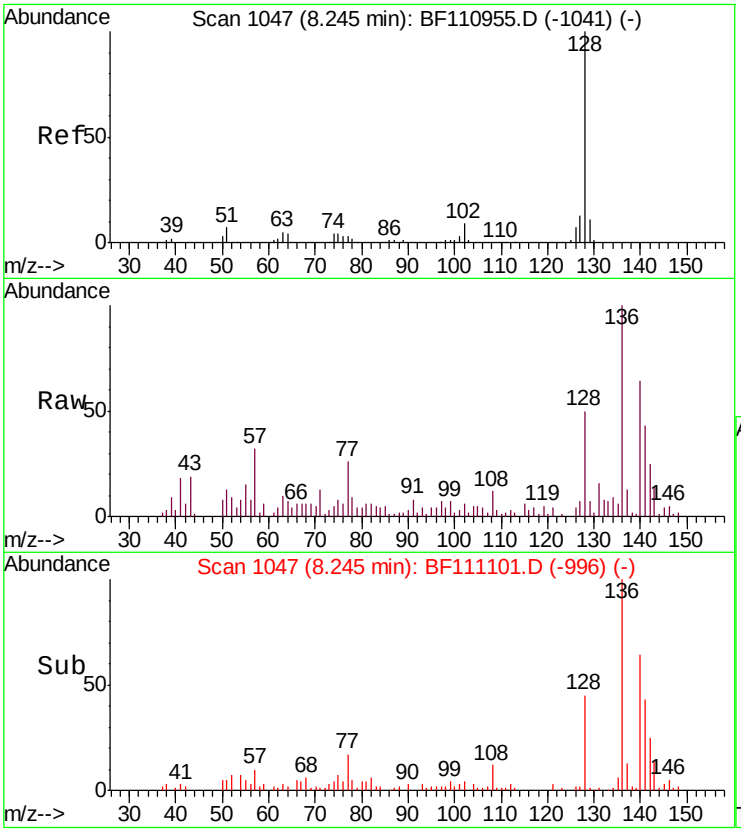


#27
2,4-Dimethylphenol
Concen: 22.172 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.07 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:122 Resp: 68532

Ion	Ratio	Lower	Upper
122	100		
107	243.8	92.5	138.7#
121	1054.0	45.8	68.8#



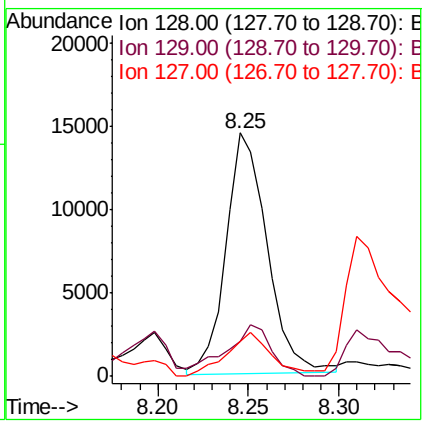


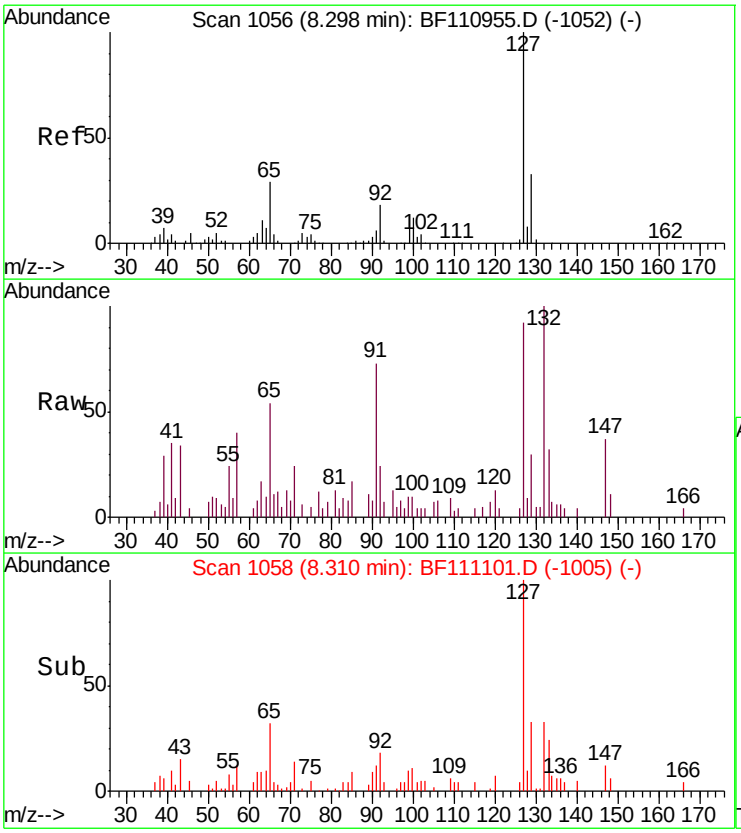
#31
Naphthalene
Concen: 2.109 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:128 Resp: 22925

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.8	13.2#
127	14.3	10.8	16.2

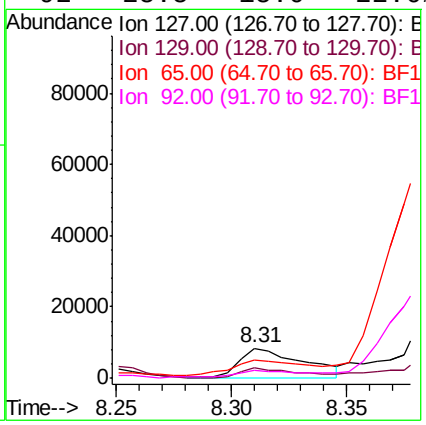


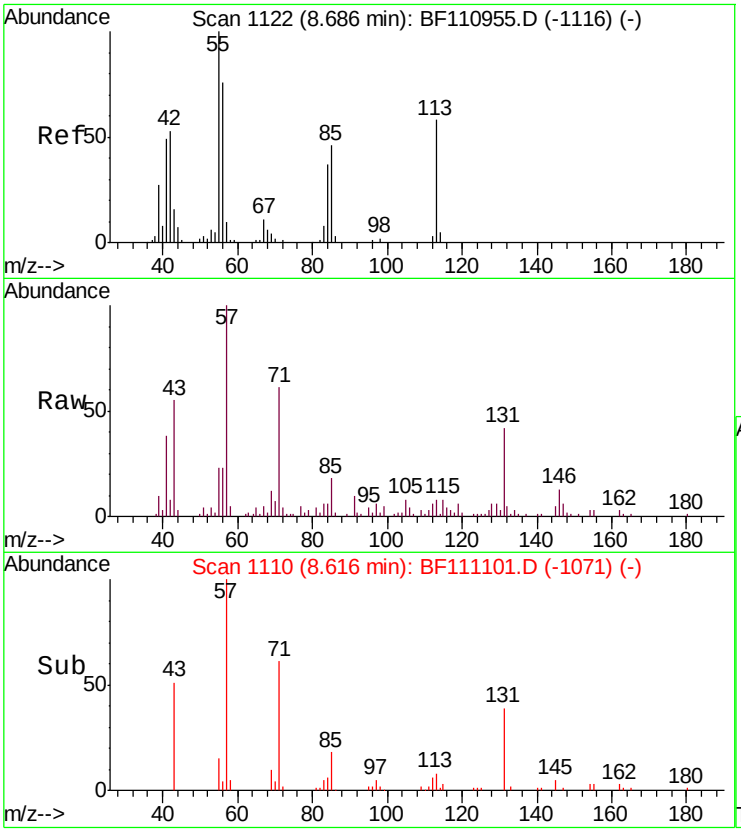


#33
4-Chloroaniline
Concen: 3.552 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:127 Resp: 16431

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	58.2	25.1	37.7#
92	25.5	15.0	22.6#



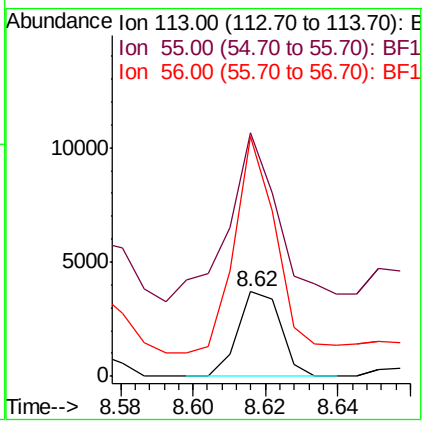


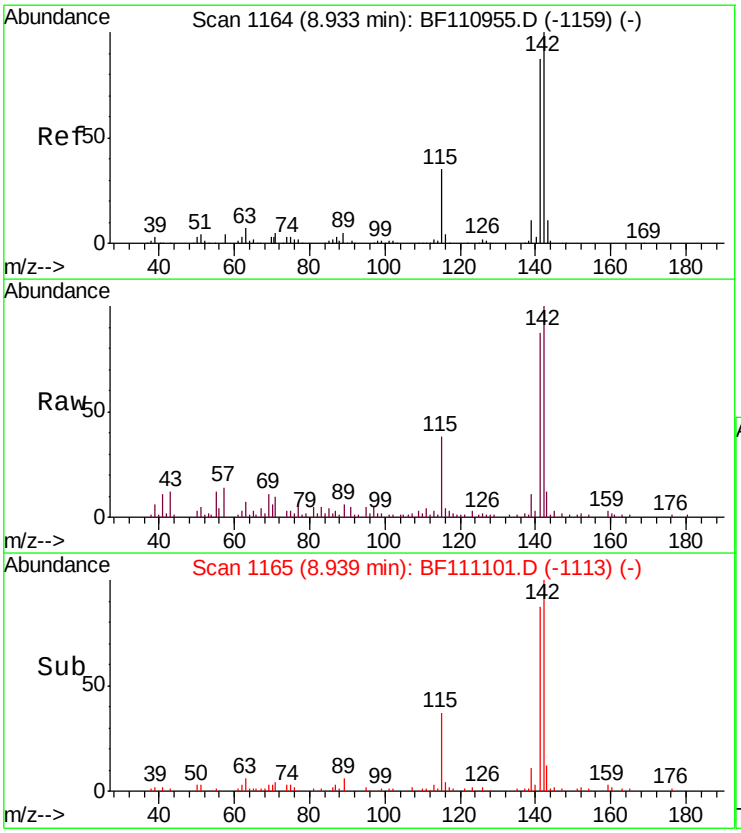
#35
Caprolactam
Concen: 2.743 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.07 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:113 Resp: 3029

Ion	Ratio	Lower	Upper
113	100		
55	287.7	142.8	182.8#
56	282.6	105.0	145.0#

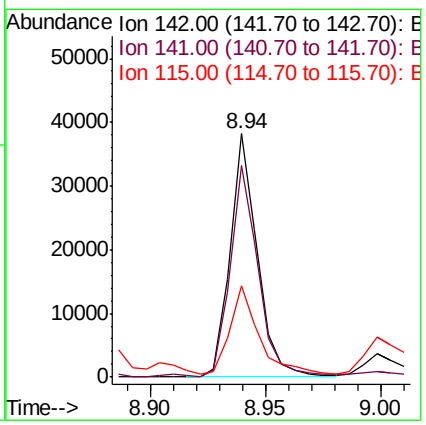


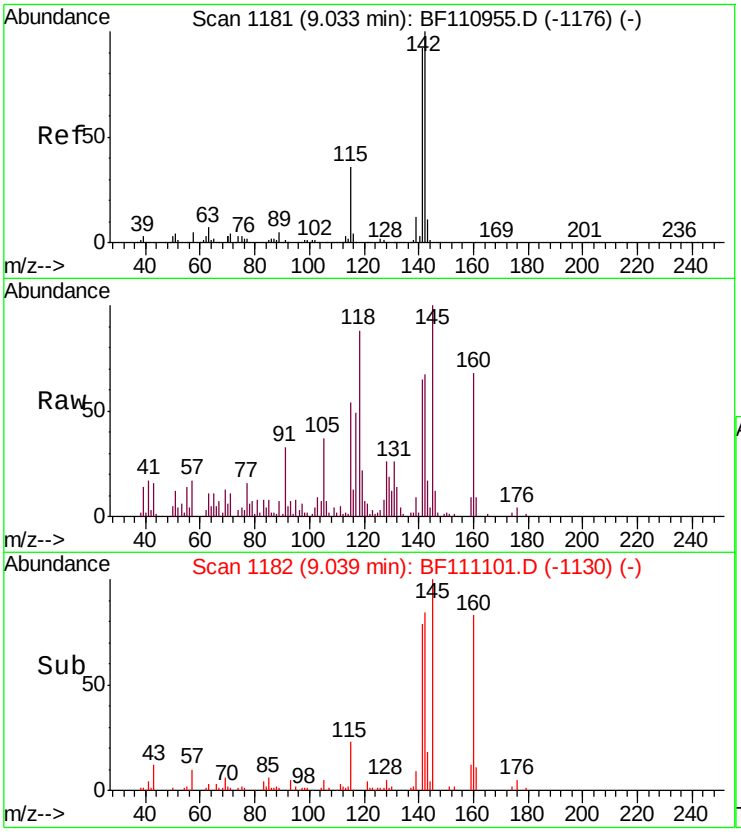


#37
2-Methylnaphthalene
Concen: 4.365 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:142 Resp: 31333

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.4	107.2
115	37.7	28.7	43.1



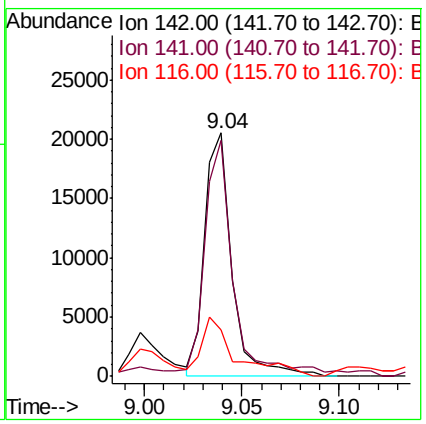


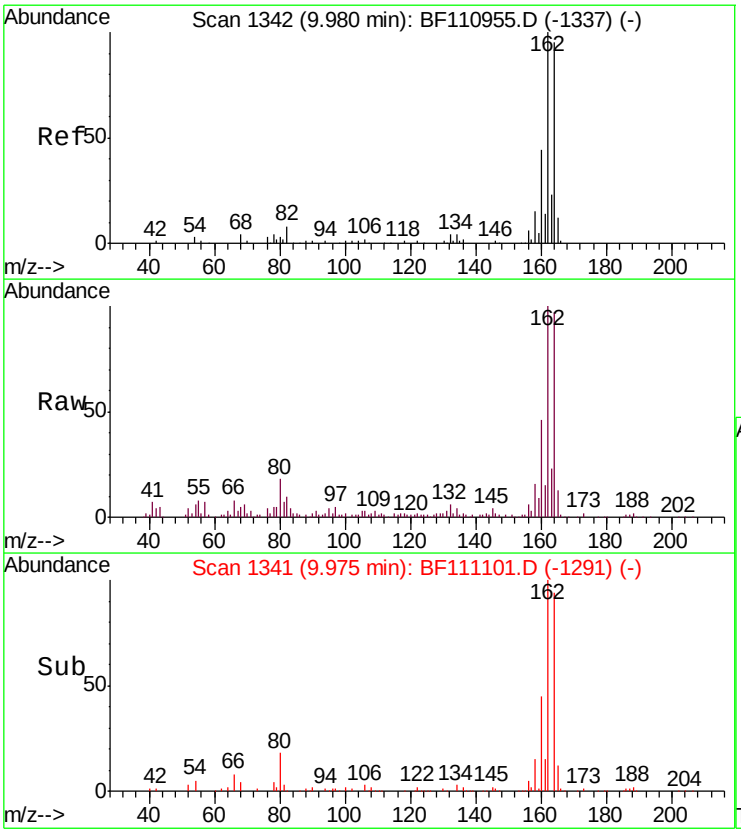
#38
1-Methylnaphthalene
Concen: 2.868 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:142 Resp: 20024

Ion	Ratio	Lower	Upper
142	100		
141	96.7	74.2	111.4
116	19.0	2.6	4.0#

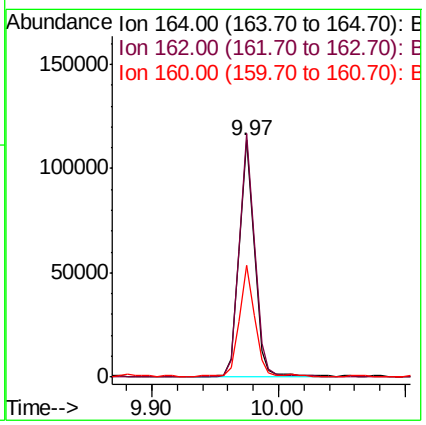


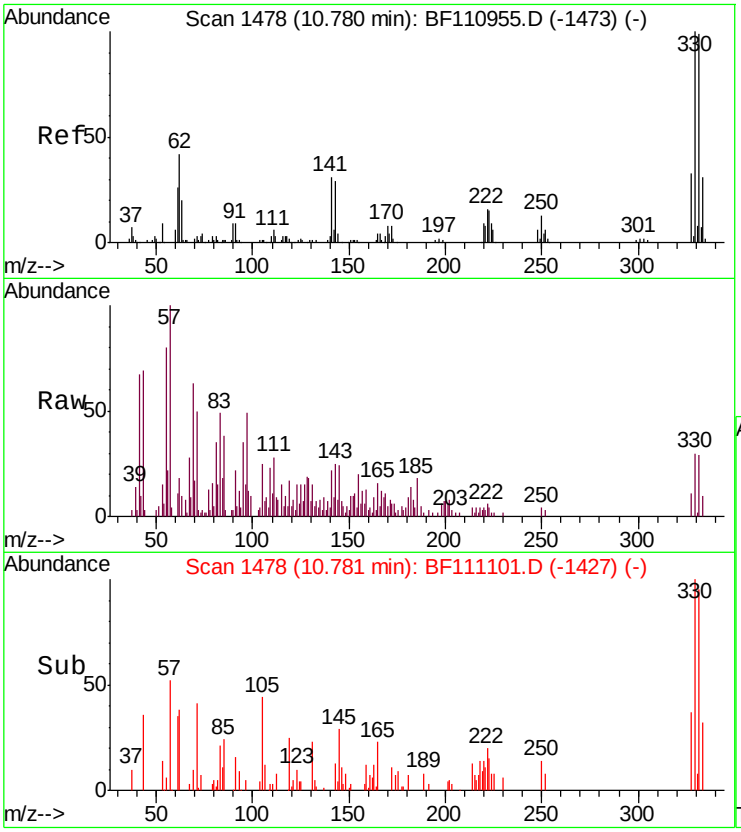


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:164 Resp: 95966

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	47.1	37.0	55.6



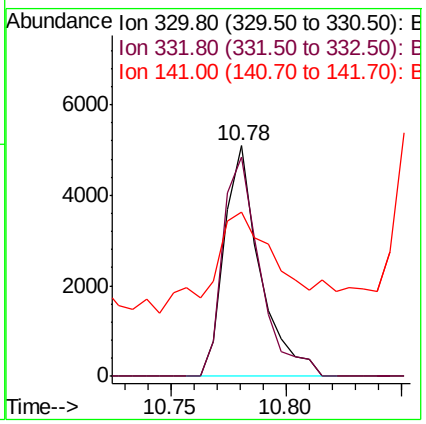


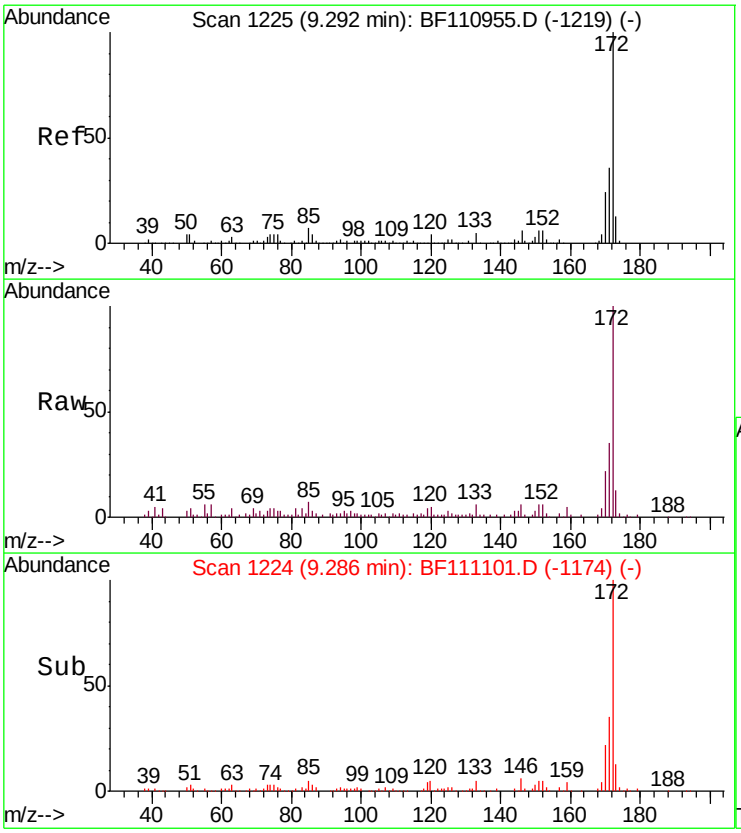
#42
2,4,6-Tribromophenol
Concen: 5.777 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:330 Resp: 5506

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.1	115.7
141	84.1	27.0	40.4#

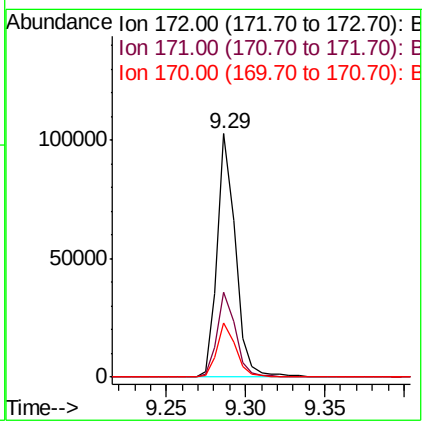


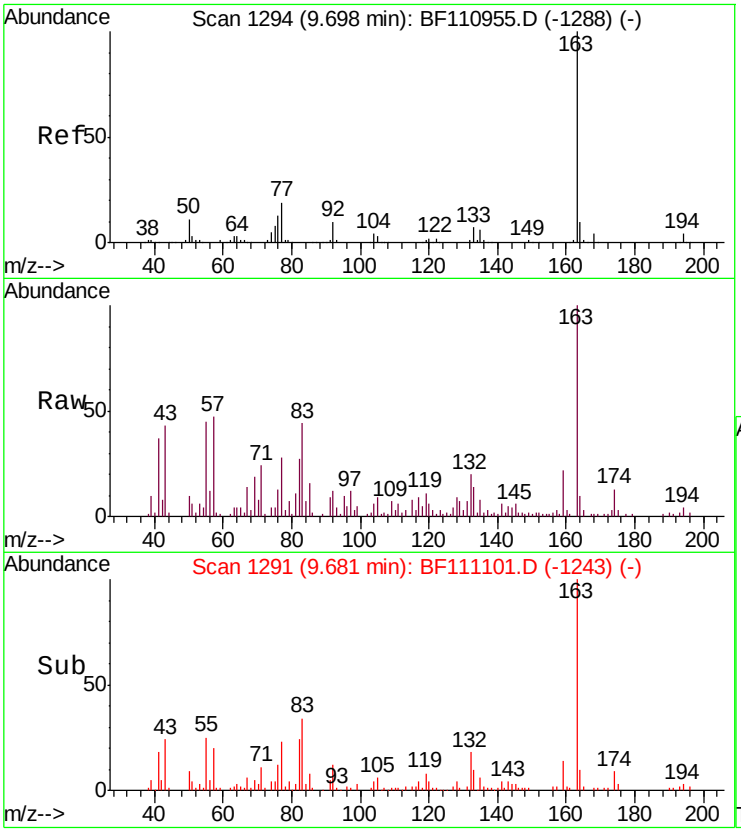


#45
2-Fluorobiphenyl
Concen: 12.495 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:172 Resp: 82767

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.3	19.7	29.5



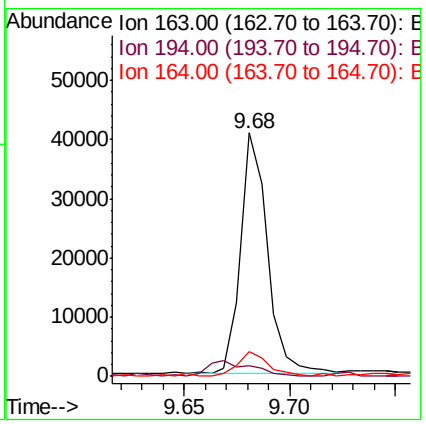


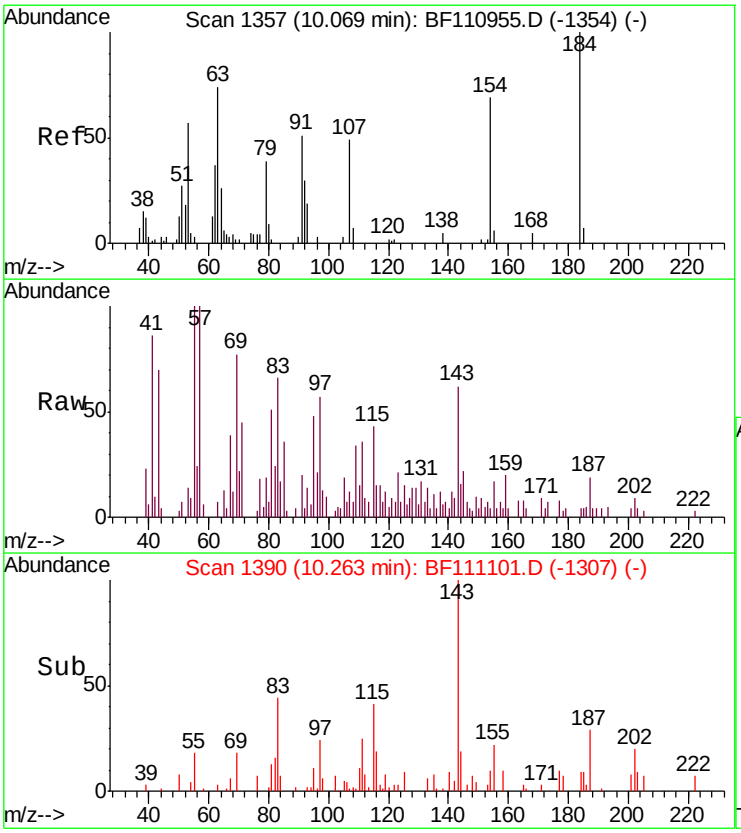
#50
Dimethylphthalate
Concen: 5.062 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:163 Resp: 35628

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.1	12.1

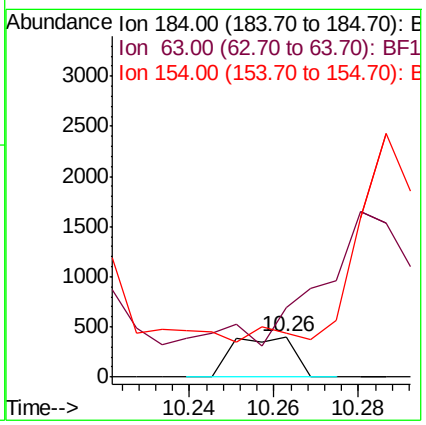


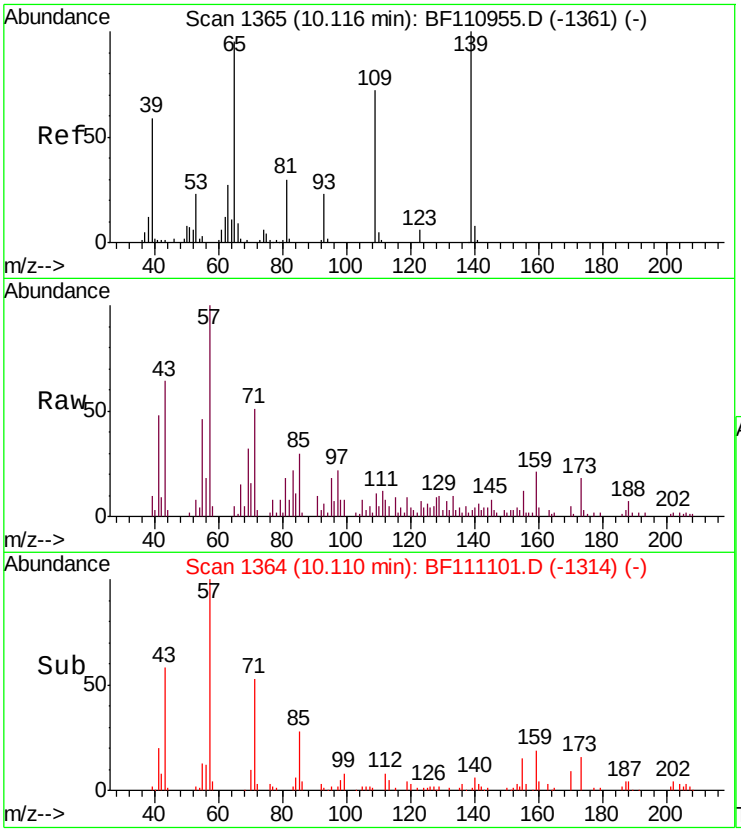


#54
2,4-Dinitrophenol
Concen: 4.403 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.19 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:184 Resp: 398

Ion	Ratio	Lower	Upper
184	100		
63	171.6	55.8	83.6#
154	108.0	63.2	94.8#



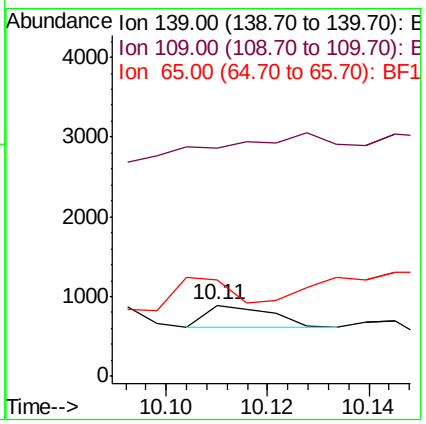


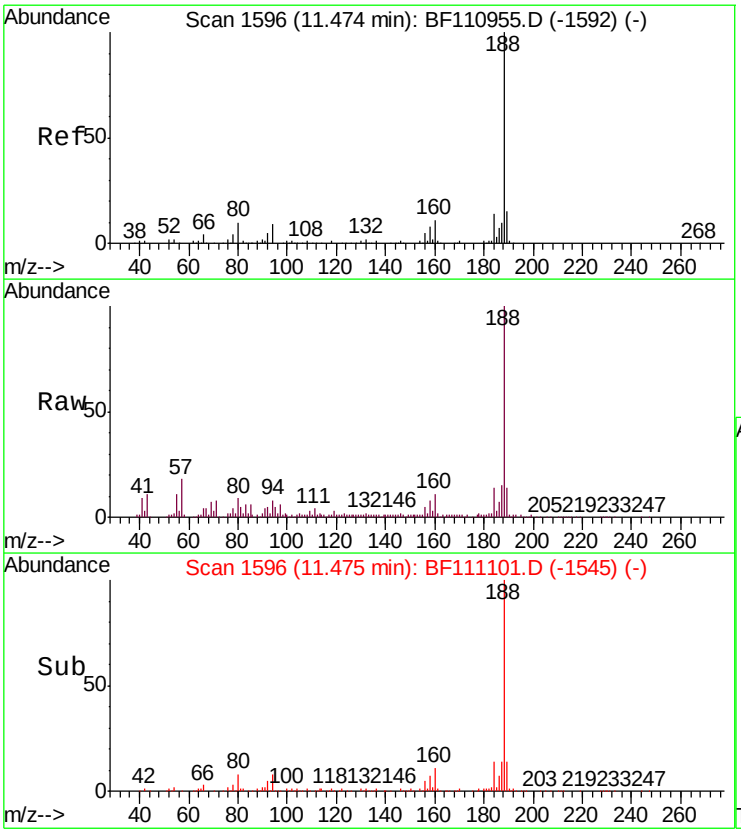
#56
4-Nitrophenol
Concen: 4.477 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:139 Resp: 257

Ion	Ratio	Lower	Upper
139	100		
109	321.2	55.8	95.8#
65	136.3	77.9	117.9#

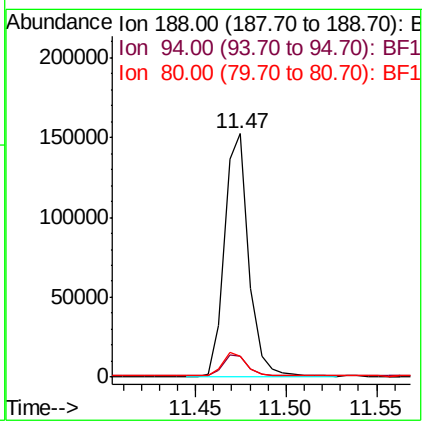


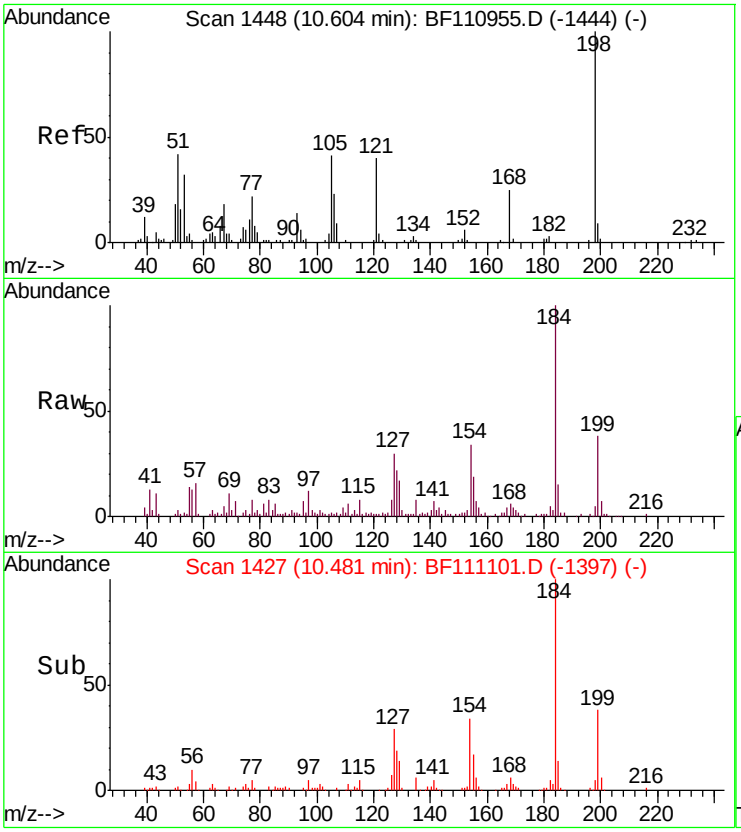


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:188 Resp: 143170

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.8	7.9	11.9



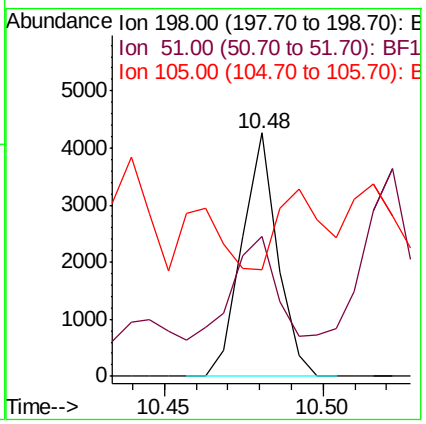


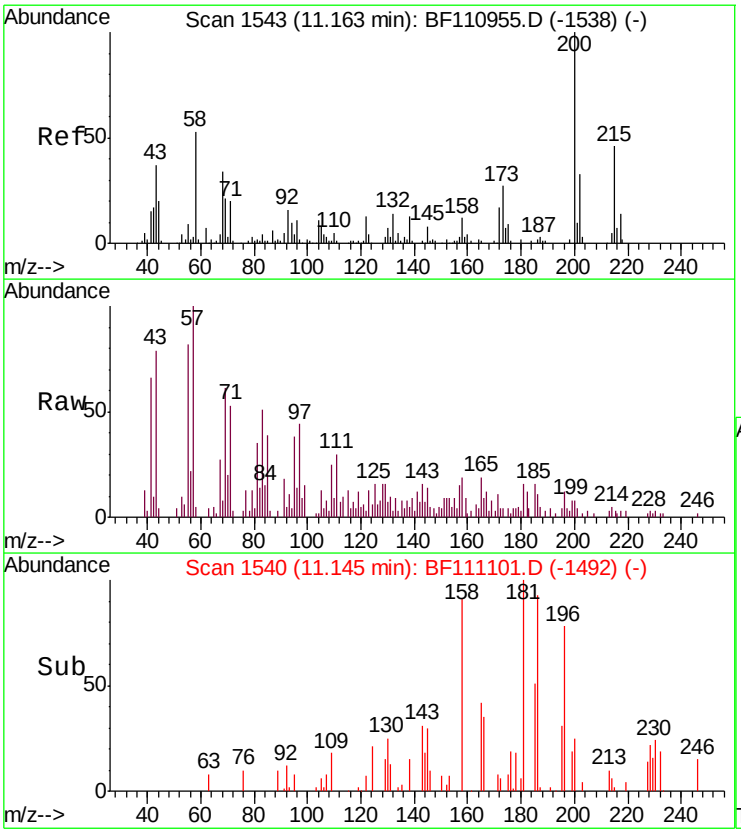
#65
4,6-Dinitro-2-methylphenol
Concen: 4.862 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.12 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:198 Resp: 3293

Ion	Ratio	Lower	Upper
198	100		
51	57.2	22.8	62.8
105	43.9	23.6	63.6

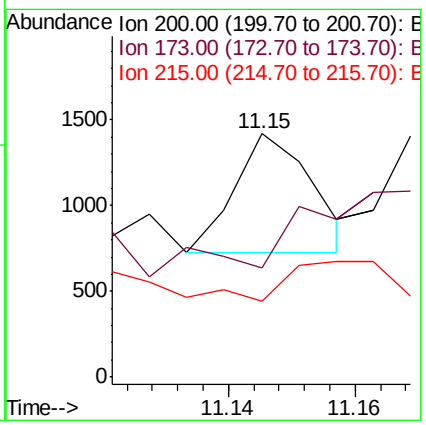


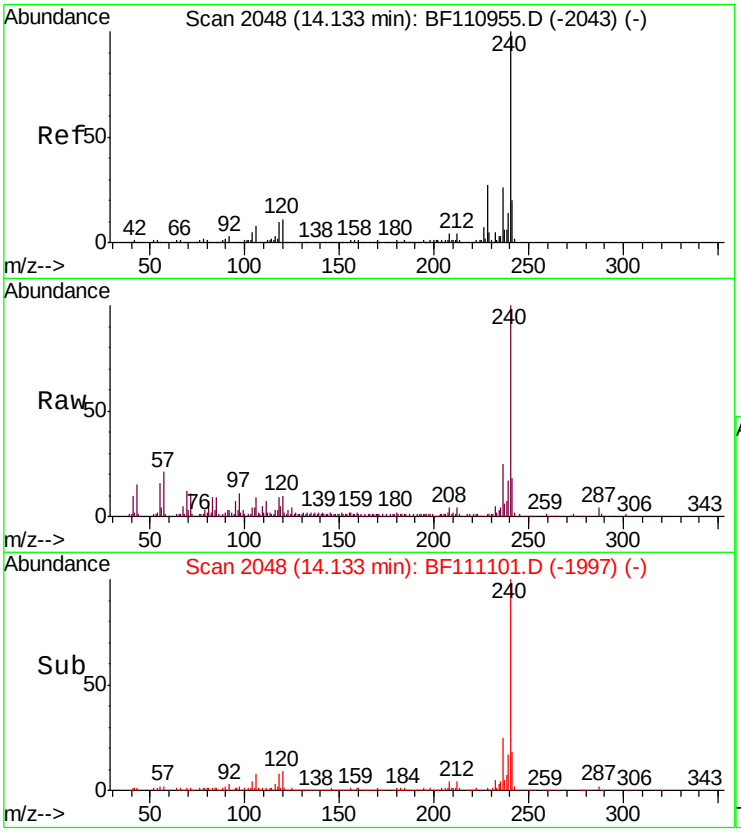


#69
Atrazine
Concen: 2.050 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:200 Resp: 591

Ion	Ratio	Lower	Upper
200	100		
173	44.8	6.6	46.6
215	31.1	26.3	66.3



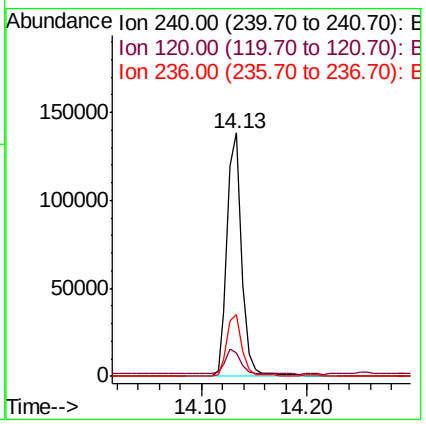


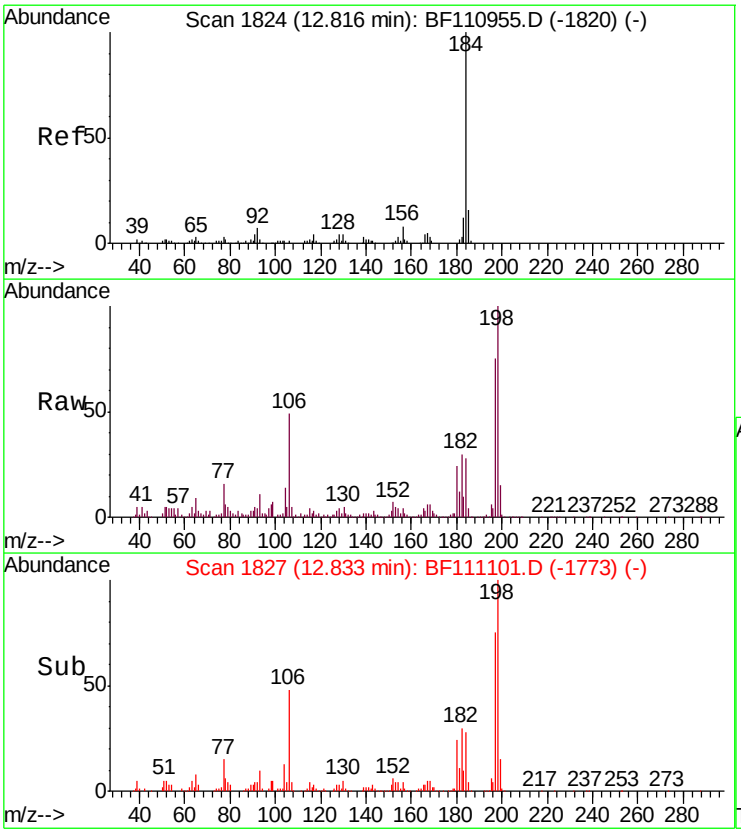
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:240 Resp: 133301

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.3	21.2	31.8

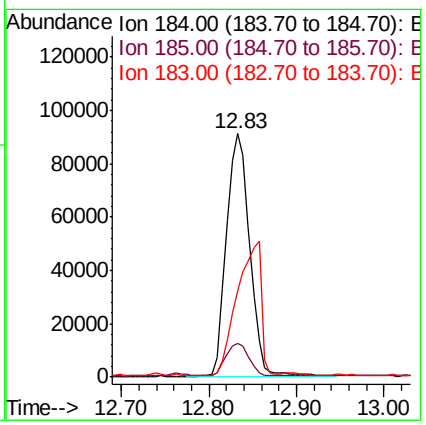


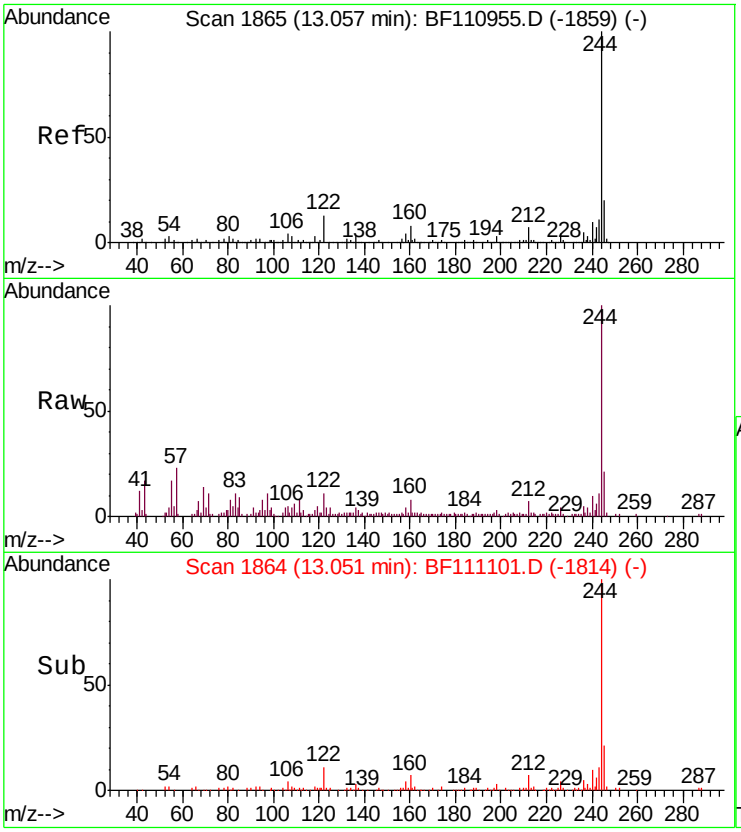


#77
Benzidine
Concen: 49.427 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:184 Resp: 168525

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.2
183	35.7	9.4	14.2#



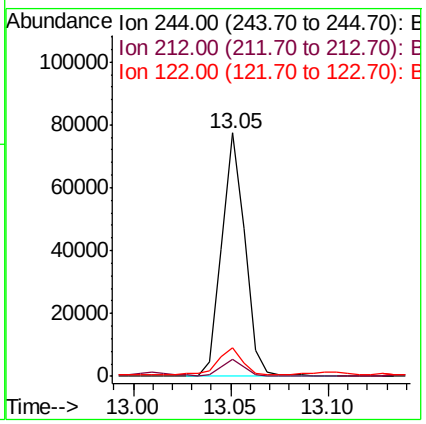


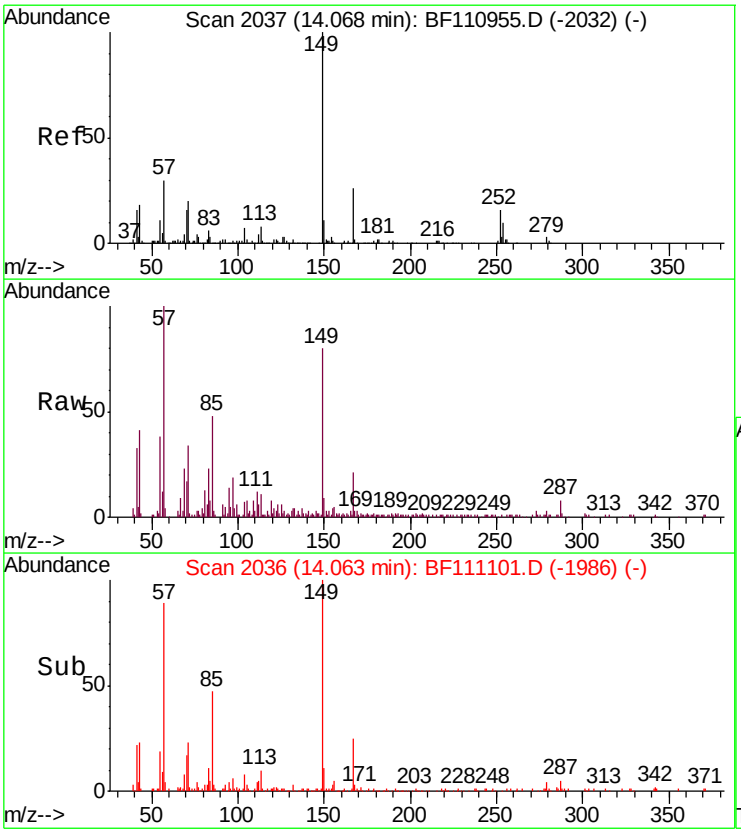
#79
Terphenyl-d14
Concen: 9.353 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:244 Resp: 64049

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.5	8.7	13.1

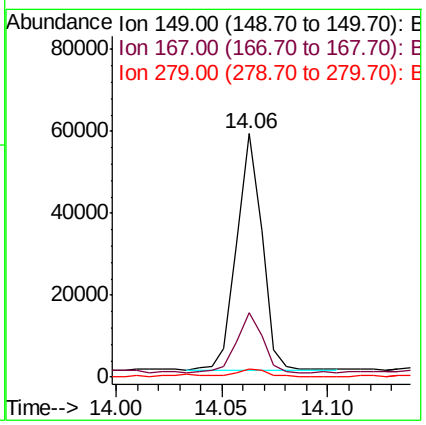


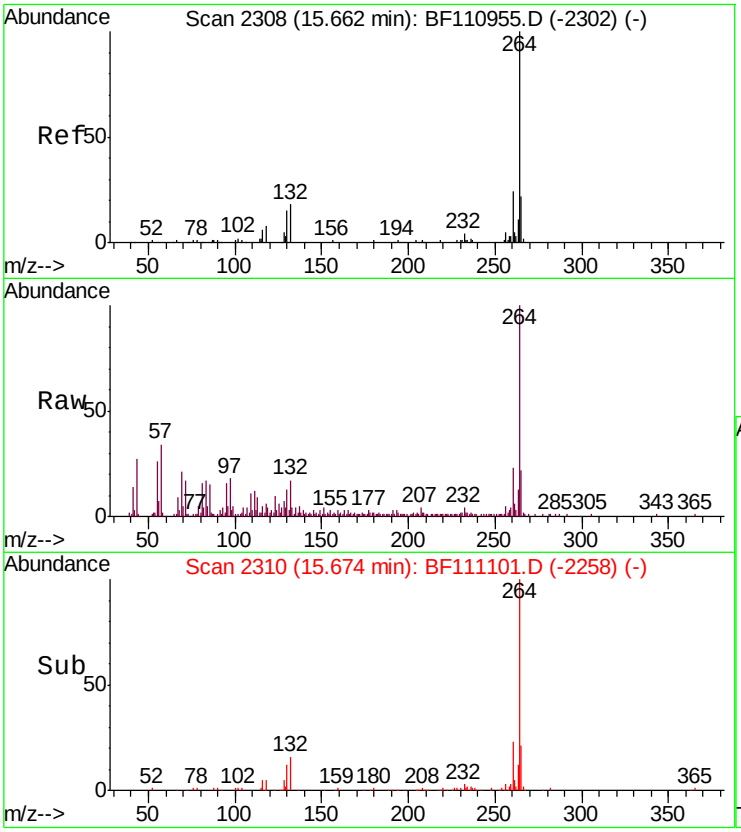


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.288 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Tgt Ion:149 Resp: 48542

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.5	2.7	4.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111101.D
Acq: 29 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LMRE

Tgt Ion:264 Resp: 93074

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	16.7	25.1