Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111789.D
Acq On : 28 Dec 2018 15:30
Operator : JU/SJ
Sample : J6579-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TN-122618-CMSD

Quant Time: Dec 29 01:09:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160171	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	610060	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	317683	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	593697	20.00	ng		0.02
76) Chrysene-d12	14.07	240	372745	20.00	ng		0.02
87) Perylene-d12	15.56	264	349872	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1231169	131.02	ng		0.04
7) Phenol-d6	6.56	99	1610767	134.69	ng		0.04
23) Nitrobenzene-d5	7.47	82	1054436	100.61	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	543347	144.75	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1933808	88.73	ng		0.00
79) Terphenyl-d14	13.02	244	1921234	97.75	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	148027	33.482	ng		94
3) Pyridine	3.54	79	385683	33.485	ng		98
4) n-Nitrosodimethylamine	3.47	42	257402	45.663	ng		82
6) Aniline	6.57	93	376098	24.672	ng	#	1
8) 2-Chlorophenol	6.70	128	474937	45.627	ng		98
9) Benzaldehyde	6.45	77	261403	31.782	ng		97
10) Phenol	6.57	94	619959	45.946	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	440943	43.610	ng		97
12) 1,3-Dichlorobenzene	6.85	146	518080	42.947	ng		100
13) 1,4-Dichlorobenzene	6.92	146	526444	43.031	ng		100
14) 1,2-Dichlorobenzene	7.08	146	501366	43.925	ng		97
15) Benzyl Alcohol	7.05	79	441393	46.474	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	734230	39.428	ng		57
17) 2-Methylphenol	7.17	107	385556	46.258	ng	#	87
18) Hexachloroethane	7.42	117	190129	46.118	ng	#	90
19) n-Nitroso-di-n-propylamine	7.32	70	351258	44.228	ng		99
20) 3+4-Methylphenols	7.32	107	497822	47.269	ng	#	69
22) Acetophenone	7.31	105	661142	42.778	ng	#	92
24) Nitrobenzene	7.49	77	521820	47.504	ng		99
25) Isophorone	7.72	82	937580	50.391	ng		98
26) 2-Nitrophenol	7.80	139	265536	59.603	ng		95
27) 2,4-Dimethylphenol	7.85	122	439128	50.002	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	575786	46.504	ng		98
29) 2,4-Dichlorophenol	8.05	162	442853	46.882	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	467893	44.450	ng		98
31) Naphthalene	8.21	128	1402399	47.843	ng		97
32) Benzoic acid	7.95	122	162647	28.011	ng		95
33) 4-Chloroaniline	8.25	127	154420	12.188	ng		98
34) Hexachlorobutadiene	8.33	225	278888	43.472	ng		98
35) Caprolactam	8.62	113	85809	26.809	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	447669	48.212	ng		99
37) 2-Methylnaphthalene	8.90	142	961168	50.400	ng		97
38) 1-Methylnaphthalene	9.00	142	919757	50.216	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	460305	44.095	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111789.D
Acq On : 28 Dec 2018 15:30
Operator : JU/SJ
Sample : J6579-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TN-122618-CMSD

Quant Time: Dec 29 01:09:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	555090	109.578	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	325656	46.725	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	343597	48.055	ng		94
46) 1,1'-Biphenyl	9.36	154	1197983	44.672	ng		95
47) 2-Chloronaphthalene	9.39	162	941057	44.291	ng		95
48) 2-Nitroaniline	9.48	65	298185	53.946	ng		99
49) Acenaphthylene	9.81	152	1491758	48.087	ng		96
50) Dimethylphthalate	9.66	163	1612266	69.401	ng		99
51) 2,6-Dinitrotoluene	9.72	165	256217	55.311	ng	#	86
52) Acenaphthene	9.98	154	995665	52.039	ng		98
53) 3-Nitroaniline	9.89	138	147633	29.883	ng		97
54) 2,4-Dinitrophenol	10.00	184	227041	146.082	ng	#	82
55) Dibenzofuran	10.15	168	1324795	45.831	ng		96
56) 4-Nitrophenol	10.07	139	376341	99.819	ng		91
57) 2,4-Dinitrotoluene	10.13	165	341584	61.354	ng	#	97
58) Fluorene	10.49	166	1029884	49.444	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	297755	49.483	ng		91
60) Diethylphthalate	10.36	149	1095308	48.064	ng		100
61) 4-Chlorophenyl-phenylether	10.48	204	522309	45.387	ng		96
62) 4-Nitroaniline	10.51	138	241634	50.323	ng		85
63) Azobenzene	10.65	77	1017846	44.490	ng		94
65) 4,6-Dinitro-2-methylphenol	10.54	198	154390	60.841	ng		85
66) n-Nitrosodiphenylamine	10.60	169	913483	45.836	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	334713	45.454	ng	#	90
68) Hexachlorobenzene	11.05	284	364989	44.454	ng		98
69) Atrazine	11.13	200	315057	45.505	ng		96
70) Pentachlorophenol	11.25	266	363419	71.598	ng		98
71) Phenanthrene	11.46	178	1540726	48.934	ng		95
72) Anthracene	11.51	178	1517170	48.006	ng		96
73) Carbazole	11.66	167	1293564	42.159	ng		96
74) Di-n-butylphthalate	11.99	149	1603034	46.597	ng		97
75) Fluoranthene	12.65	202	1461603	45.841	ng		96
77) Benzidine	12.76	184	241303	17.204	ng		96
78) Pyrene	12.87	202	1414741	53.747	ng		96
80) Butylbenzylphthalate	13.48	149	560999	52.285	ng		93
81) Benzo(a)anthracene	14.06	228	1080715	50.804	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	193165	22.982	ng	#	98
83) Chrysene	14.10	228	1009130	48.266	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	750454	55.527	ng	#	98
85) Di-n-octyl phthalate	14.66	149	1153148	55.070	ng		95
86) Indeno(1,2,3-cd)pyrene	17.07	276	1068791	60.134	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	1004617	49.130	ng	#	96
89) Benzo(k)fluoranthene	15.16	252	881267	45.270	ng	#	96
90) Benzo(a)pyrene	15.50	252	927806	49.944	ng	#	94
91) Dibenzo(a,h)anthracene	17.09	278	871587	53.578	ng	#	92
92) Benzo(g,h,i)perylene	17.53	276	871833	54.885	ng	#	88

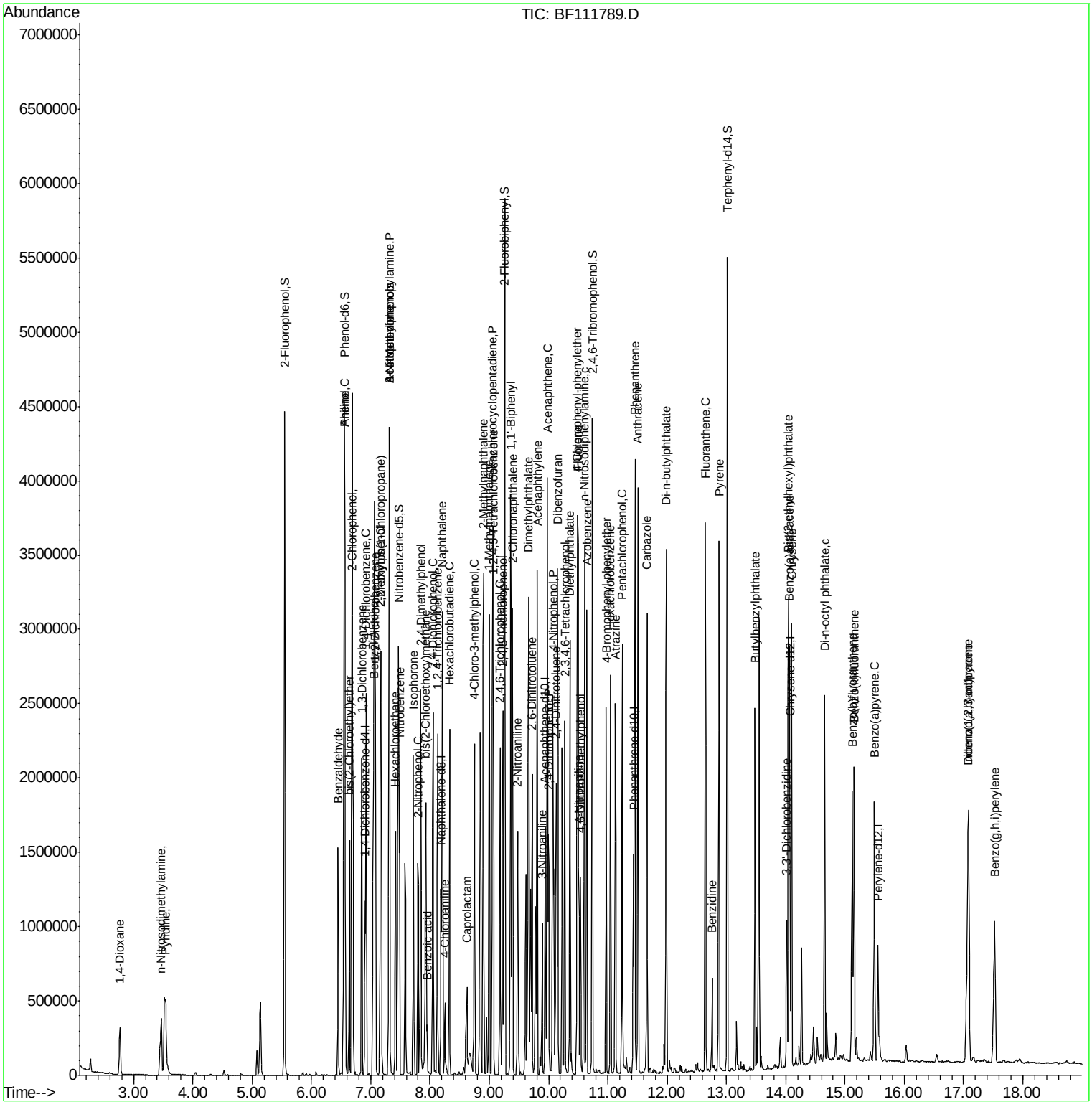
(#) = qualifier out of range (m) = manual integration (+) = signals summed

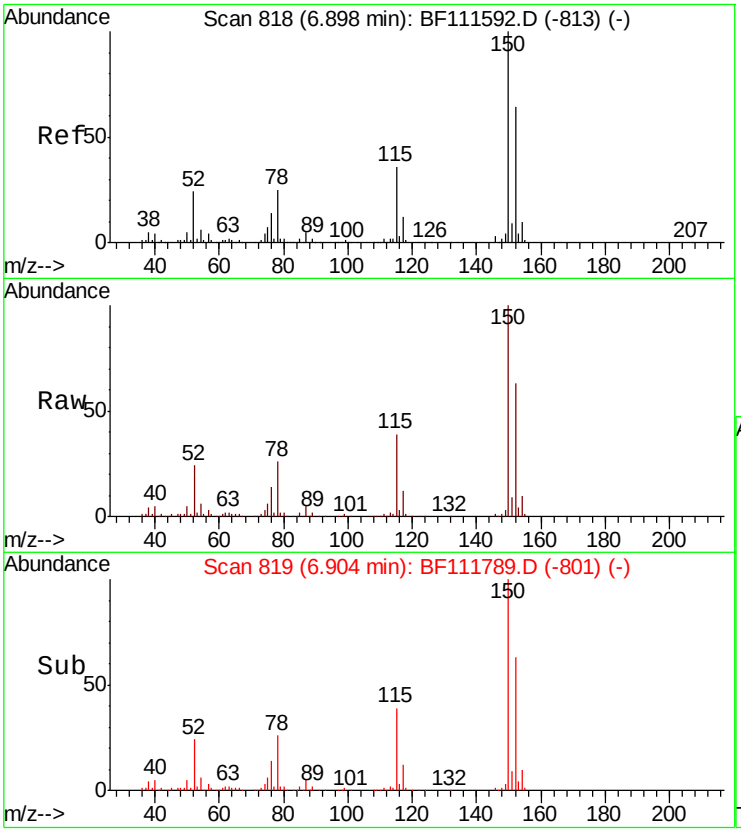
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111789.D
Acq On : 28 Dec 2018 15:30
Operator : JU/SJ
Sample : J6579-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TN-122618-CMSD

Quant Time: Dec 29 01:09:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



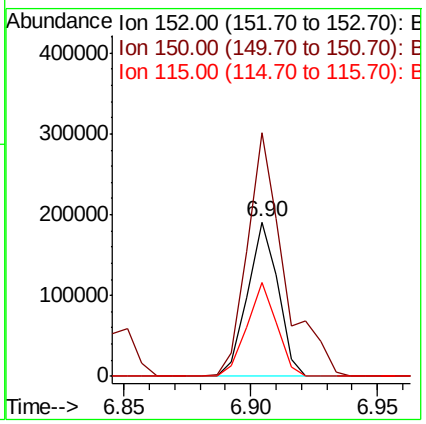


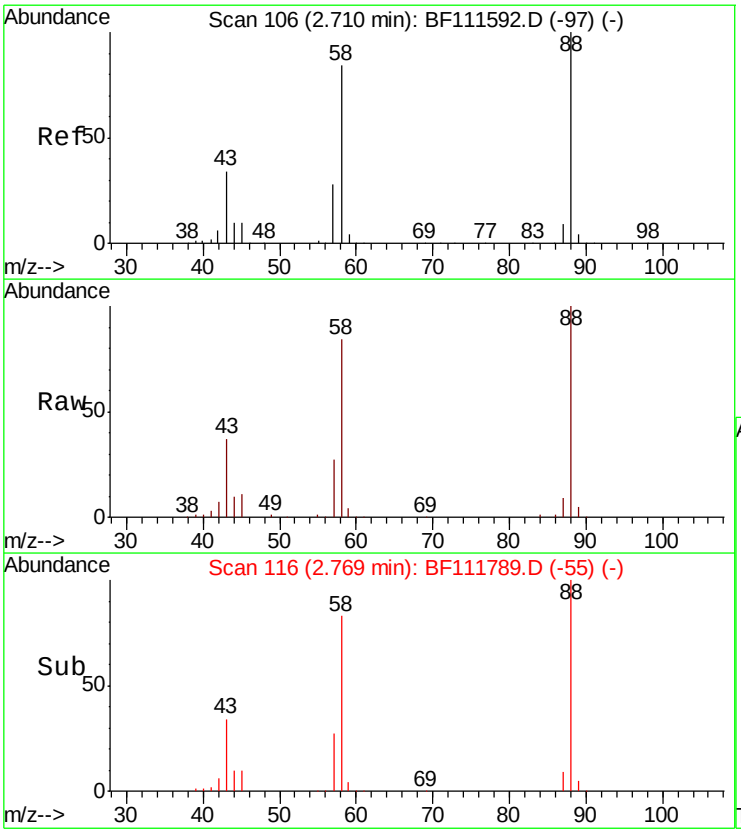
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:152 Resp: 160171

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	61.3	50.7	76.1

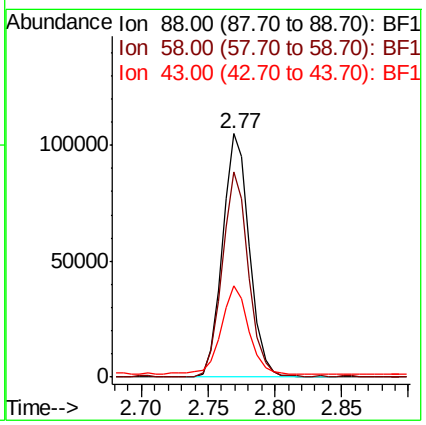


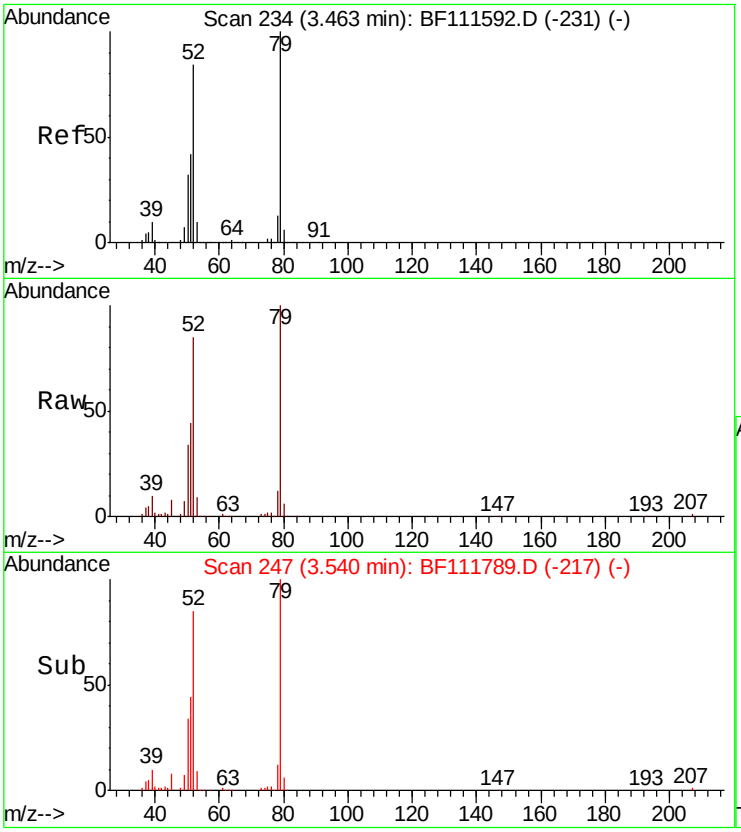


#2
1,4-Dioxane
Concen: 33.482 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.06 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 88 Resp: 148027

Ion	Ratio	Lower	Upper
88	100		
58	81.7	68.9	103.3
43	36.7	25.8	38.6



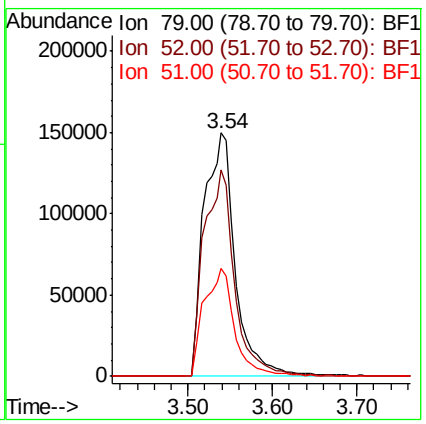


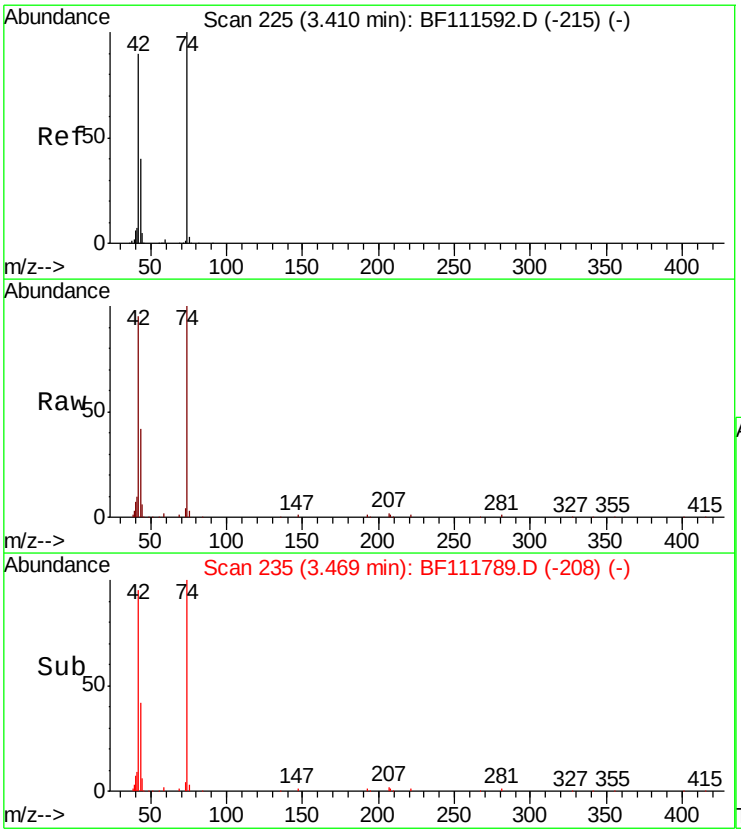
#3
Pyridine
Concen: 33.485 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.08 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 79 Resp: 385683

Ion	Ratio	Lower	Upper
79	100		
52	85.0	68.3	102.5
51	44.4	32.6	49.0

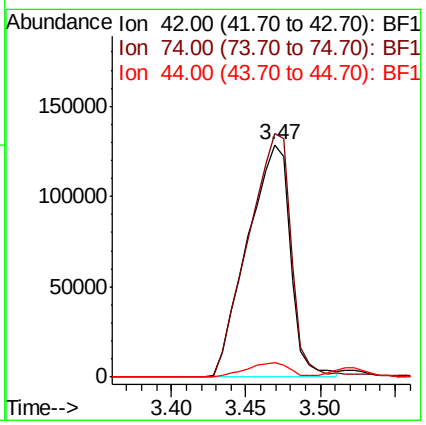


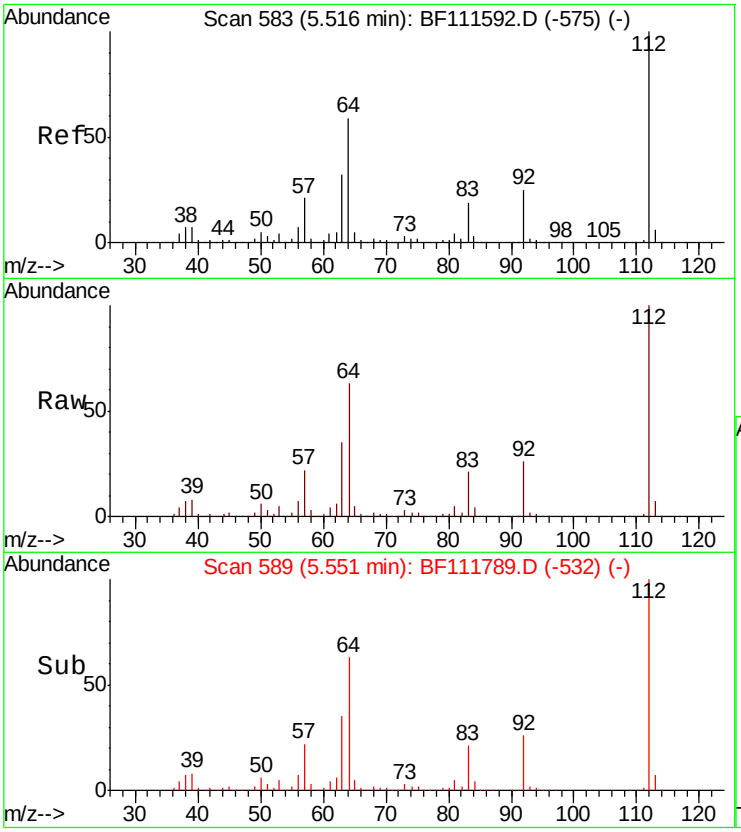


#4
n-Nitrosodimethylamine
Concen: 45.663 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.06 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 42 Resp: 257402

Ion	Ratio	Lower	Upper
42	100		
74	104.8	101.5	152.3
44	6.1	6.0	9.0



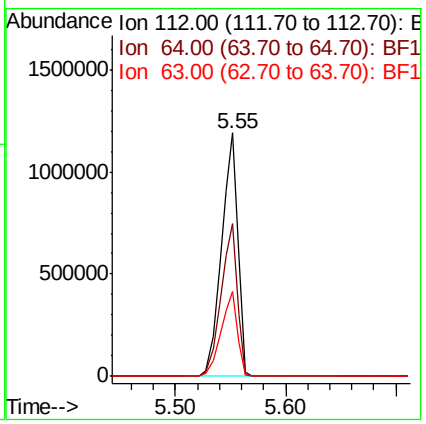


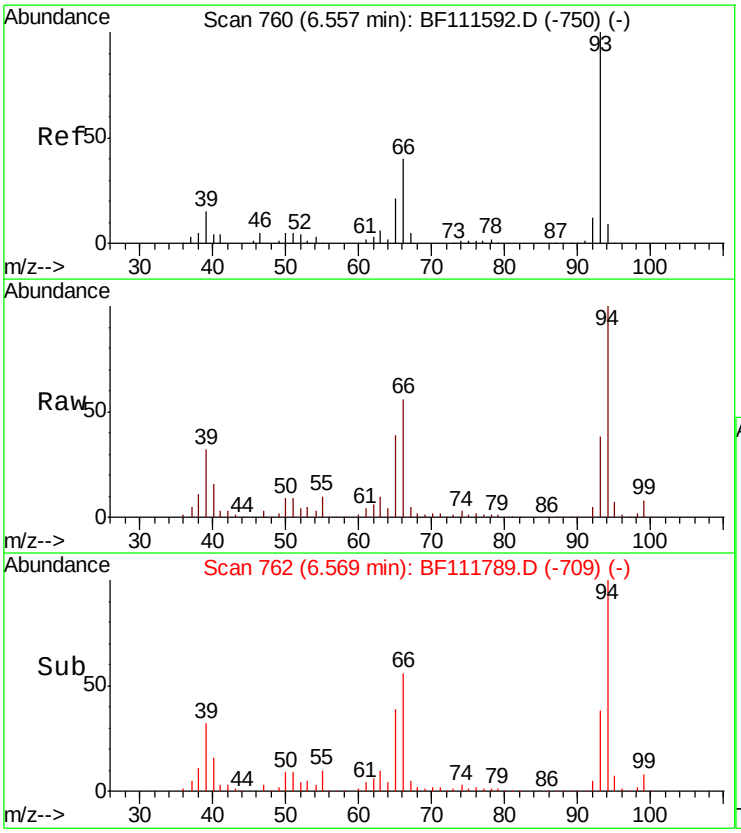
#5
2-Fluorophenol
Concen: 131.021 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:112 Resp: 1231169

Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.8	77.6
63	34.8	26.8	40.2

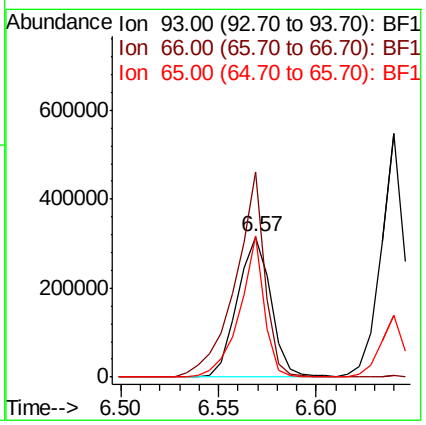


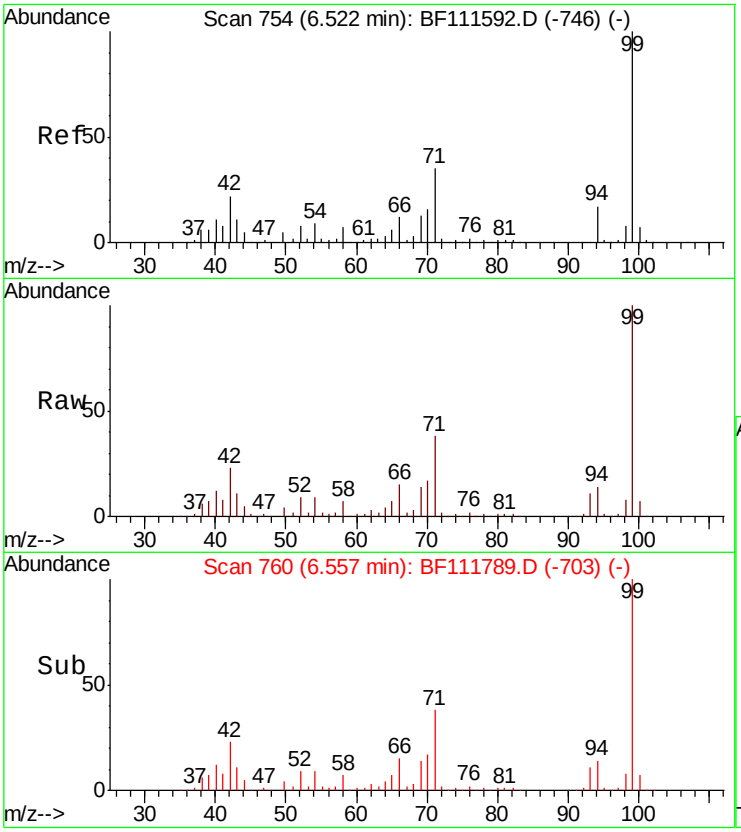


#6
Aniline
Concen: 24.672 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 93 Resp: 376098

Ion	Ratio	Lower	Upper
93	100		
66	146.9	33.2	49.8#
65	100.6	17.0	25.4#



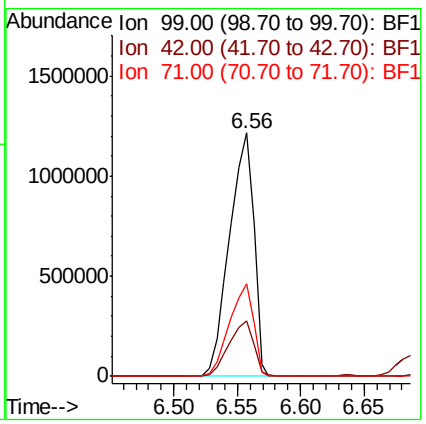


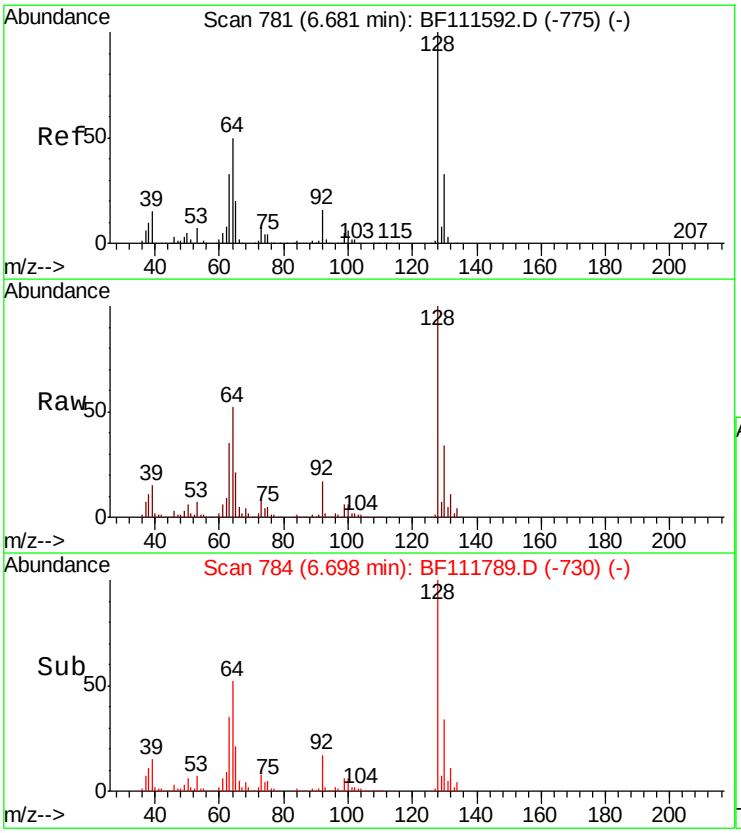
#7
Phenol-d6
Concen: 134.693 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 99 Resp: 1610767

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.4	26.0
71	37.9	26.1	39.1

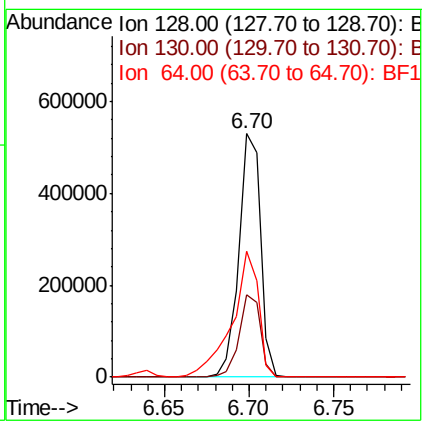


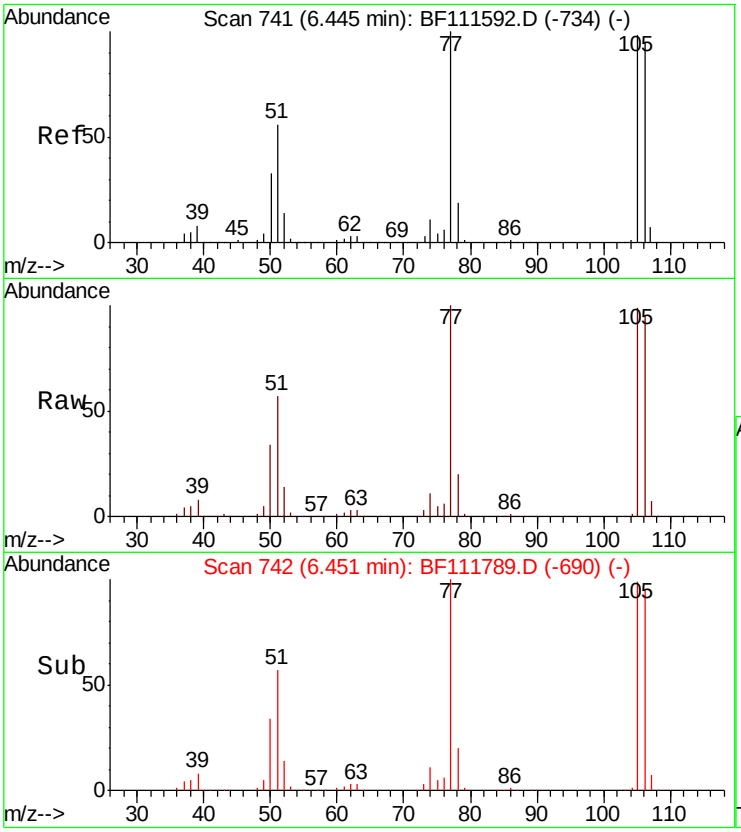


#8
2-Chlorophenol
Concen: 45.627 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:128 Resp: 474937

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.7	52.7
64	51.9	30.0	70.0



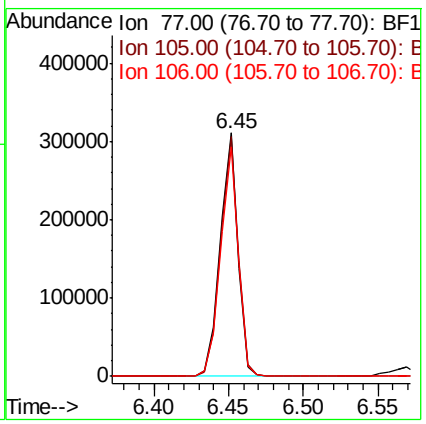


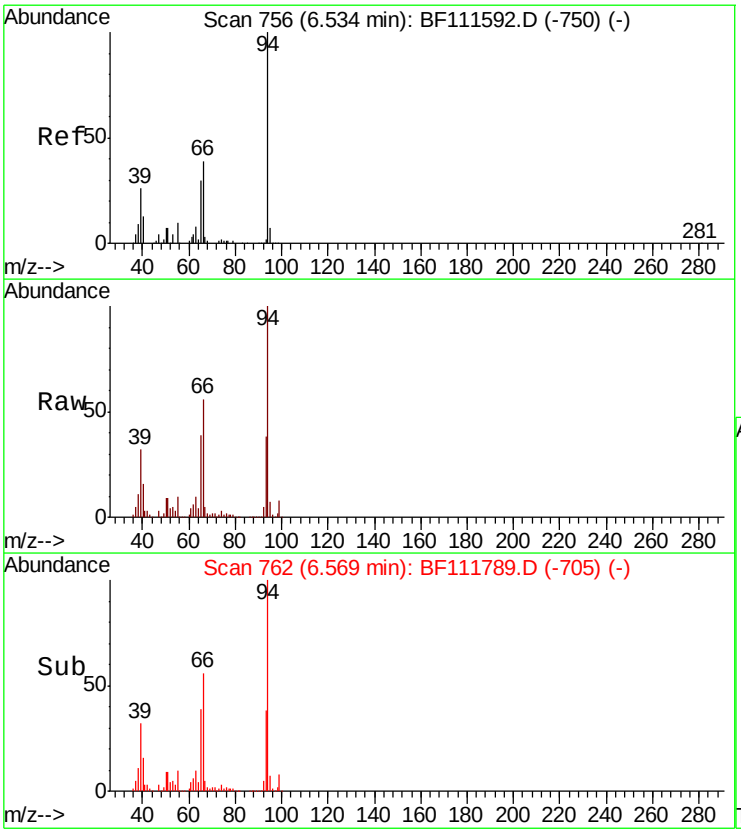
#9
Benzaldehyde
Concen: 31.782 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 77 Resp: 261403

Ion	Ratio	Lower	Upper
77	100		
105	98.6	81.4	121.4
106	94.5	77.9	117.9

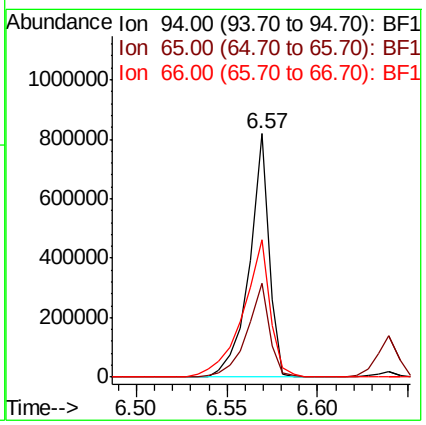


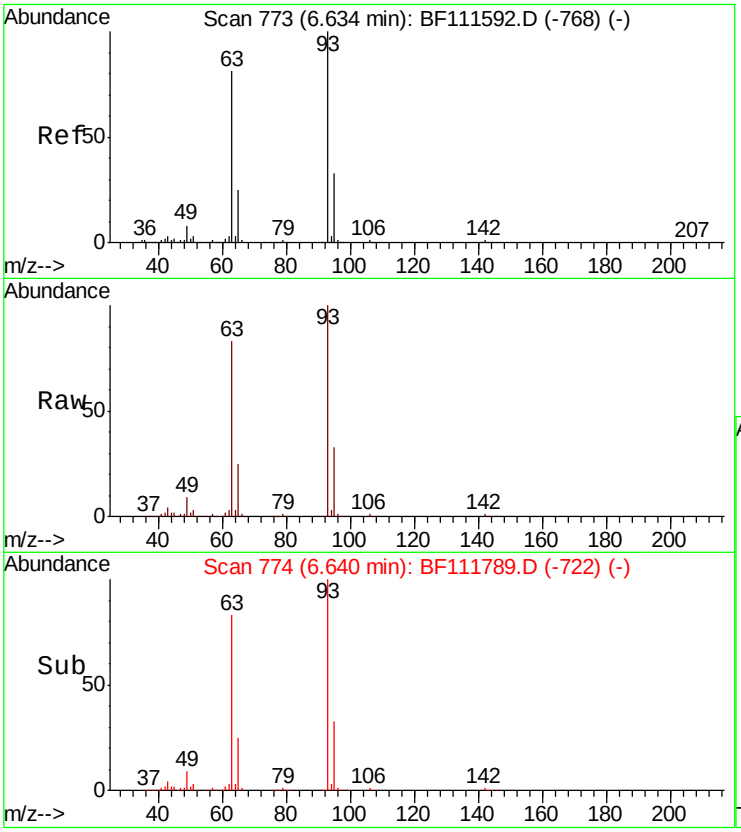


#10
Phenol
Concen: 45.946 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 94 Resp: 619959

Ion	Ratio	Lower	Upper
94	100		
65	38.7	11.7	51.7
66	56.5	21.0	61.0



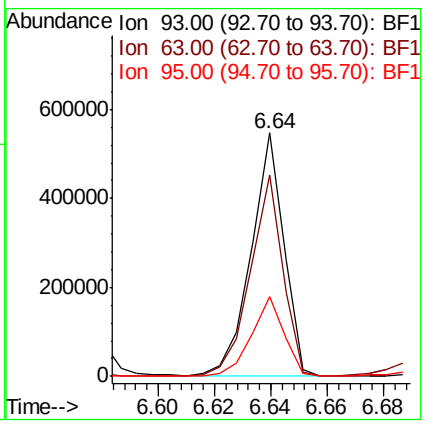


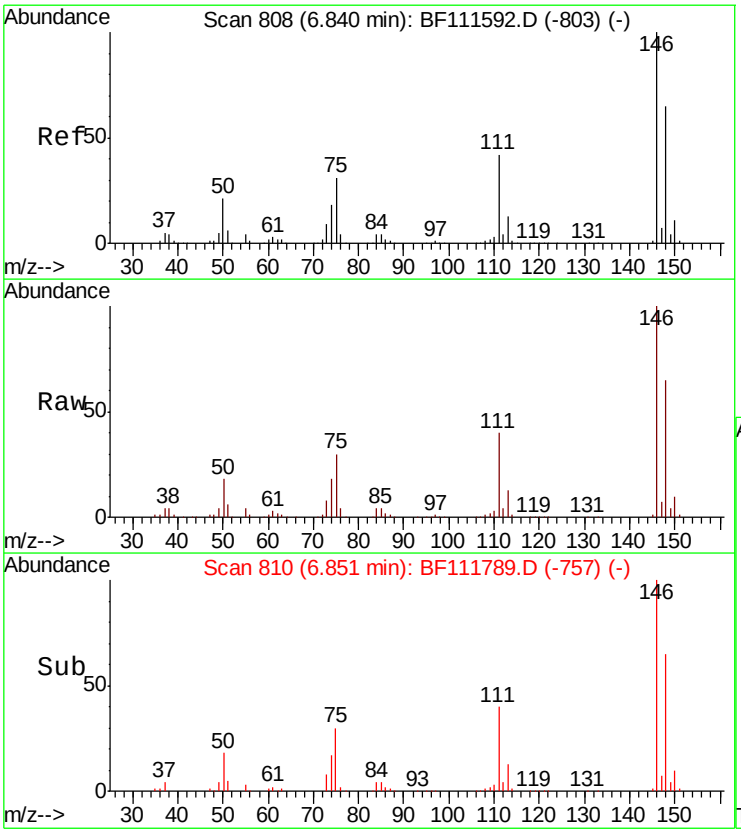
#11
bis(2-Chloroethyl)ether
Concen: 43.610 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 93 Resp: 440943

Ion	Ratio	Lower	Upper
93	100		
63	82.8	60.0	100.0
95	32.8	13.4	53.4

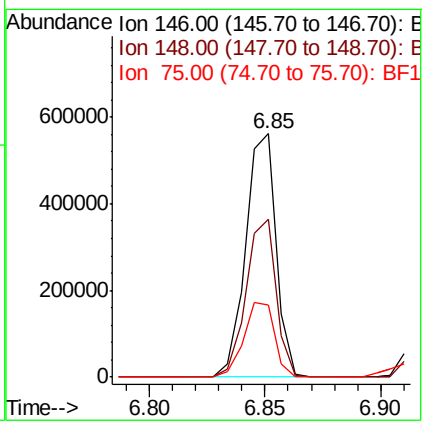


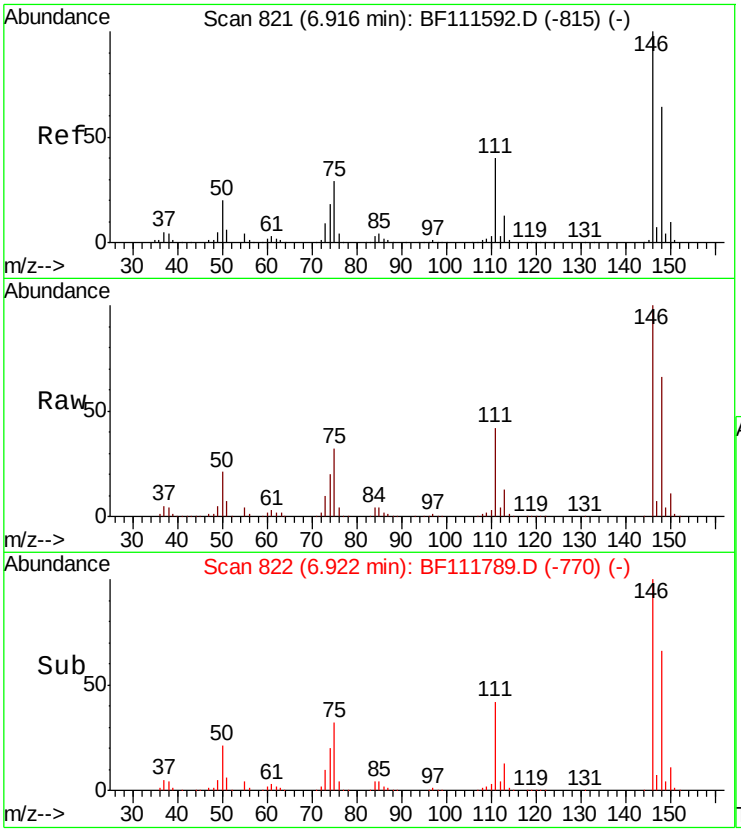


#12
1,3-Dichlorobenzene
Concen: 42.947 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:146 Resp: 518080

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	29.7	23.9	35.9



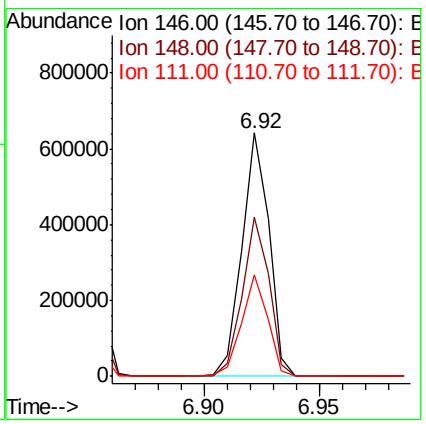


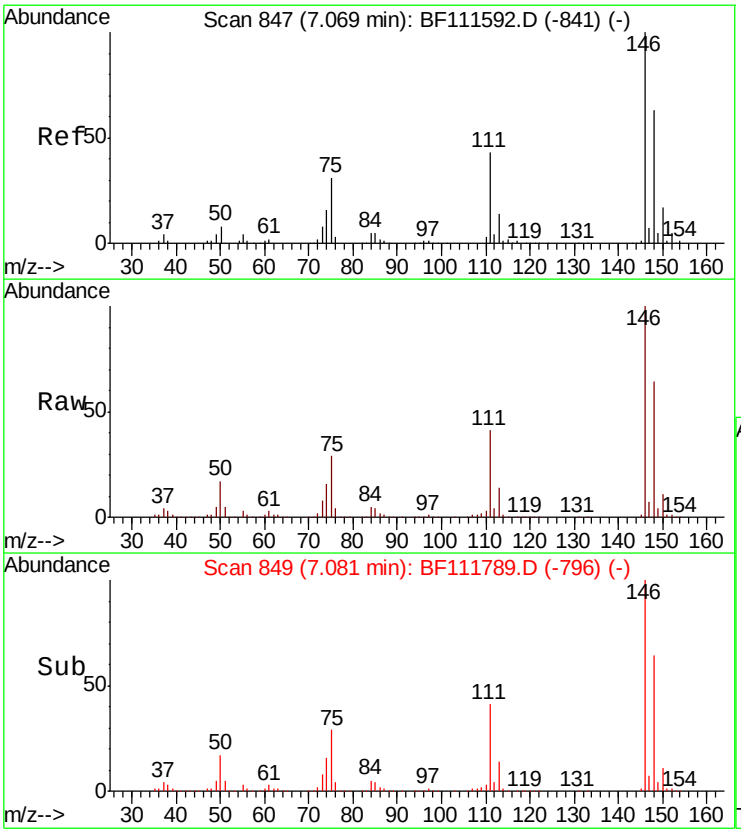
#13
1,4-Dichlorobenzene
Concen: 43.031 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:146 Resp: 526444

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.8	79.2
111	41.7	33.4	50.0

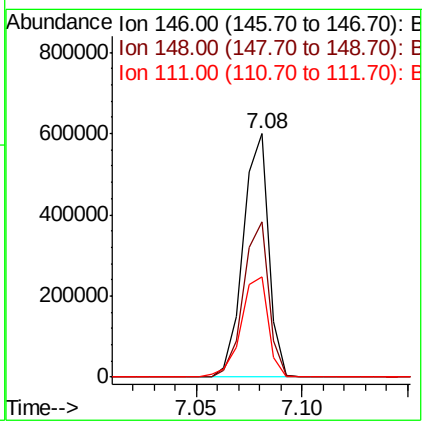


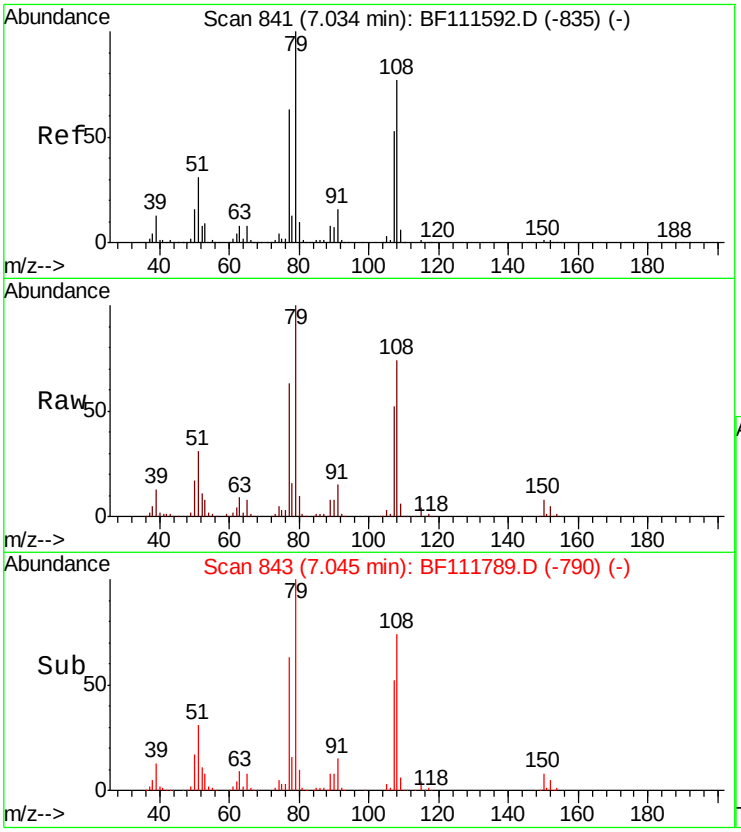


#14
1,2-Dichlorobenzene
Concen: 43.925 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:146 Resp: 501366

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	41.2	36.2	54.4



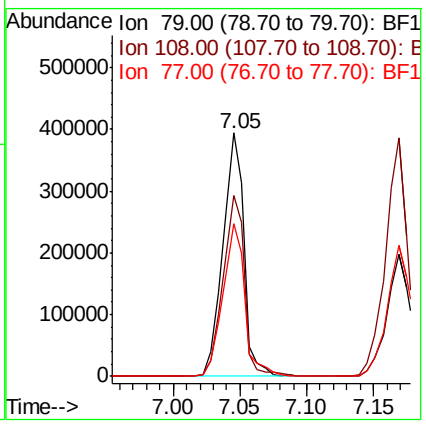


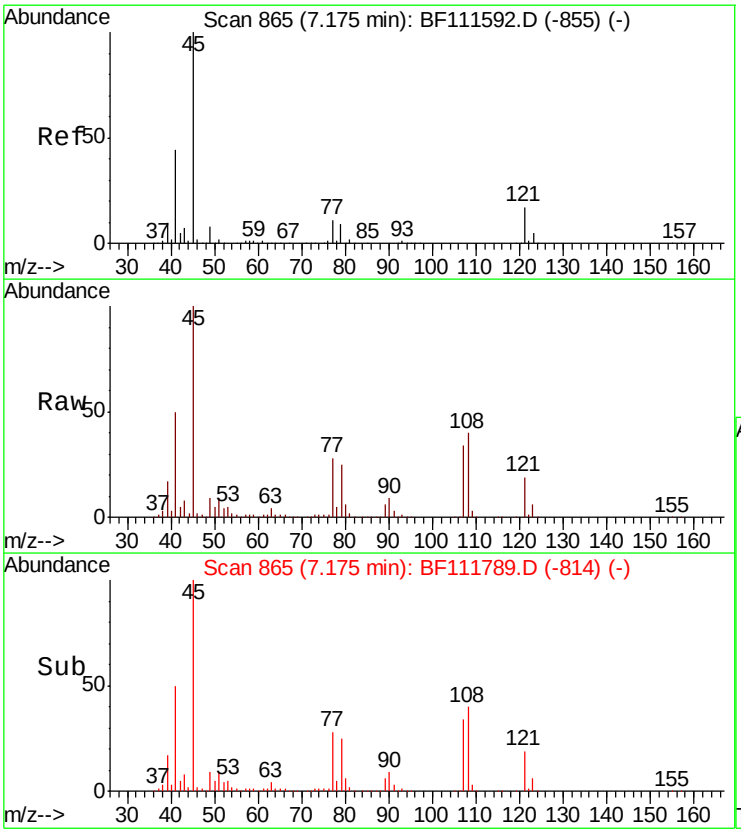
#15
Benzyl Alcohol
Concen: 46.474 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 79 Resp: 441393

Ion	Ratio	Lower	Upper
79	100		
108	74.1	69.4	104.2
77	62.7	49.7	74.5

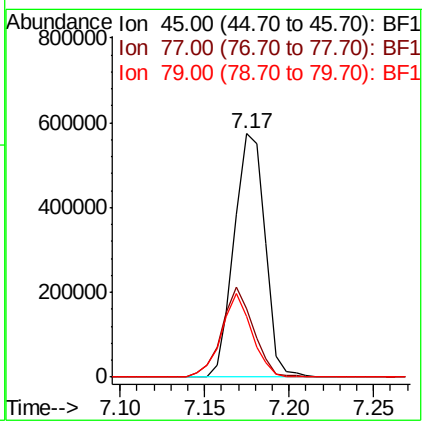


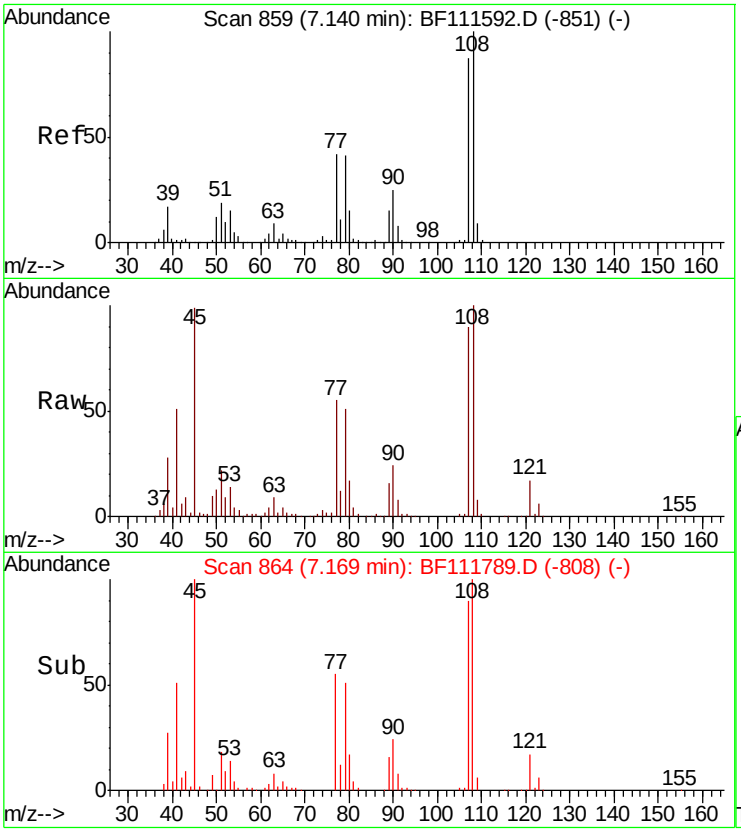


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.428 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 45 Resp: 734230

Ion	Ratio	Lower	Upper
45	100		
77	27.8	0.0	31.5
79	25.0	0.0	28.9



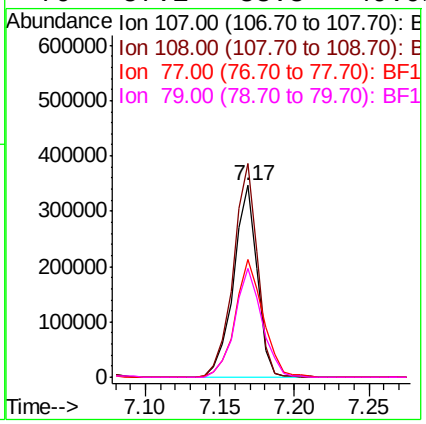


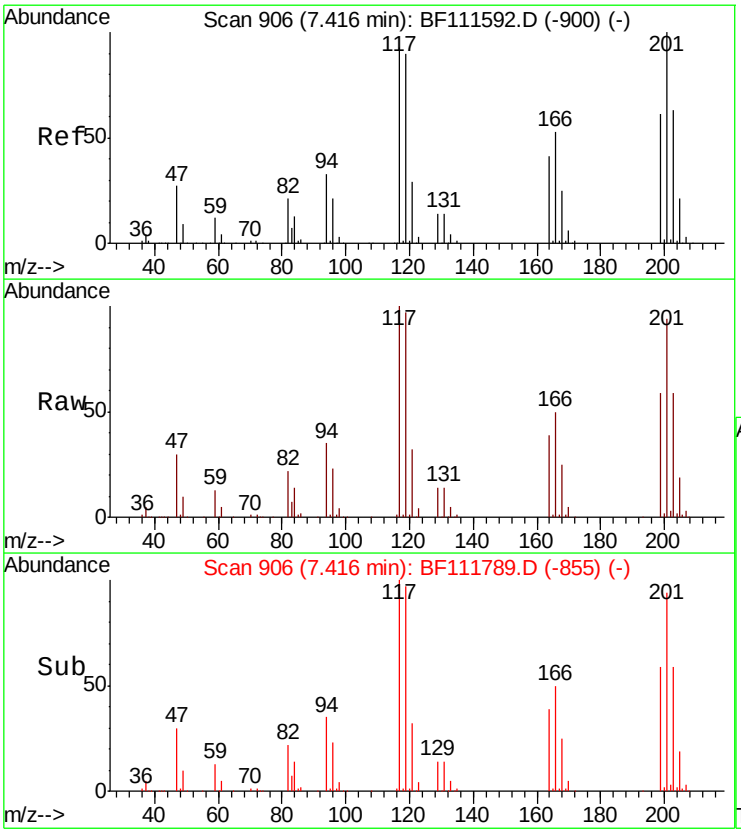
#17
2-Methylphenol
Concen: 46.258 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:107 Resp: 385556

Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.0	136.4
77	61.5	33.5	50.3#
79	57.1	33.3	49.9#

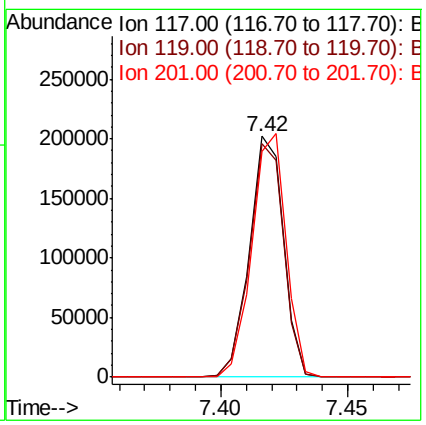


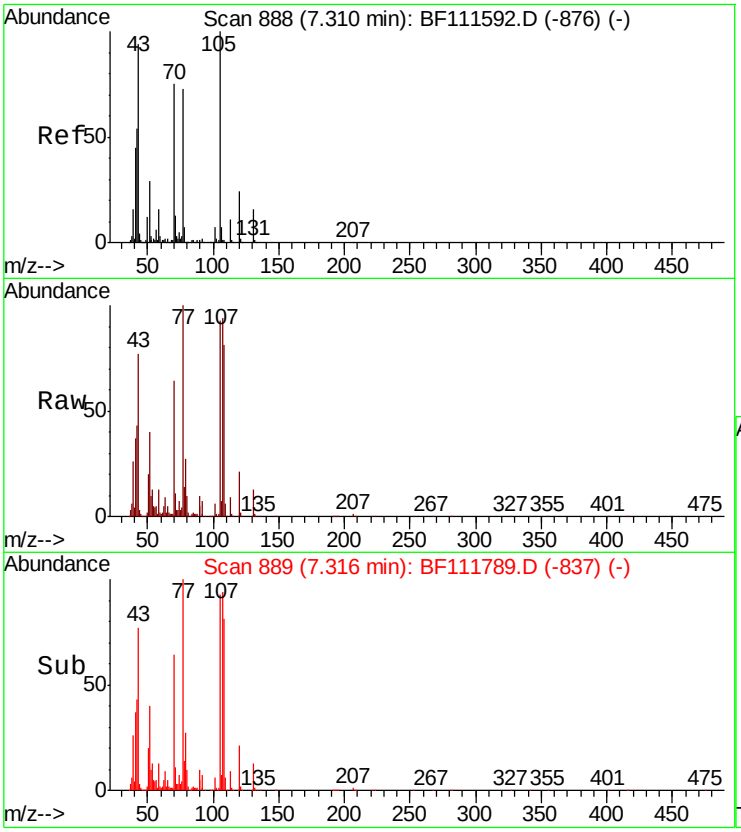


#18
Hexachloroethane
Concen: 46.118 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:117 Resp: 190129

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	93.7	62.4	93.6#



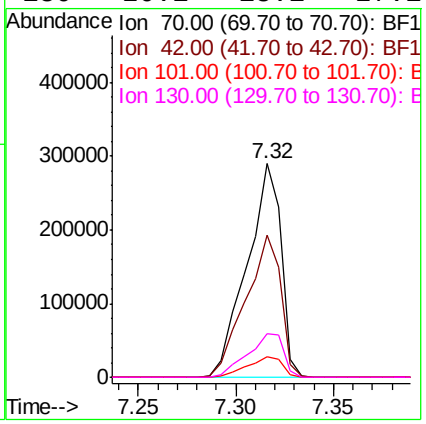


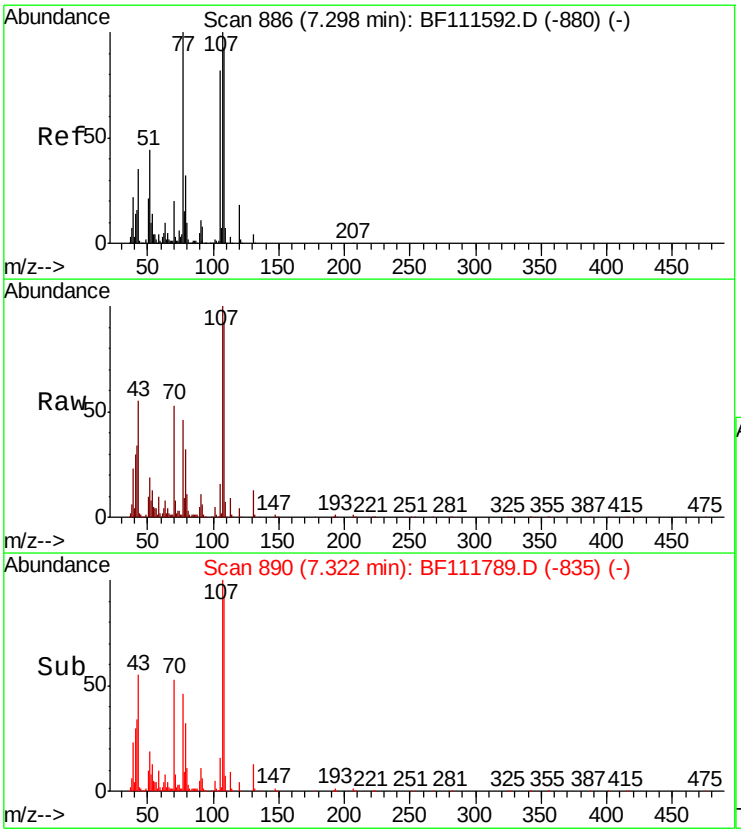
#19
n-Nitroso-di-n-propylamine
Concen: 44.228 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 70 Resp: 351258

Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.2	79.8
101	9.6	8.2	12.4
130	20.1	18.1	27.1

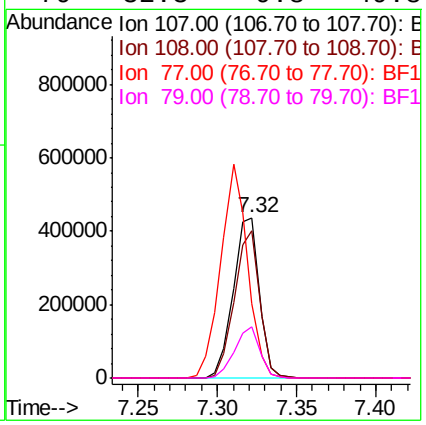


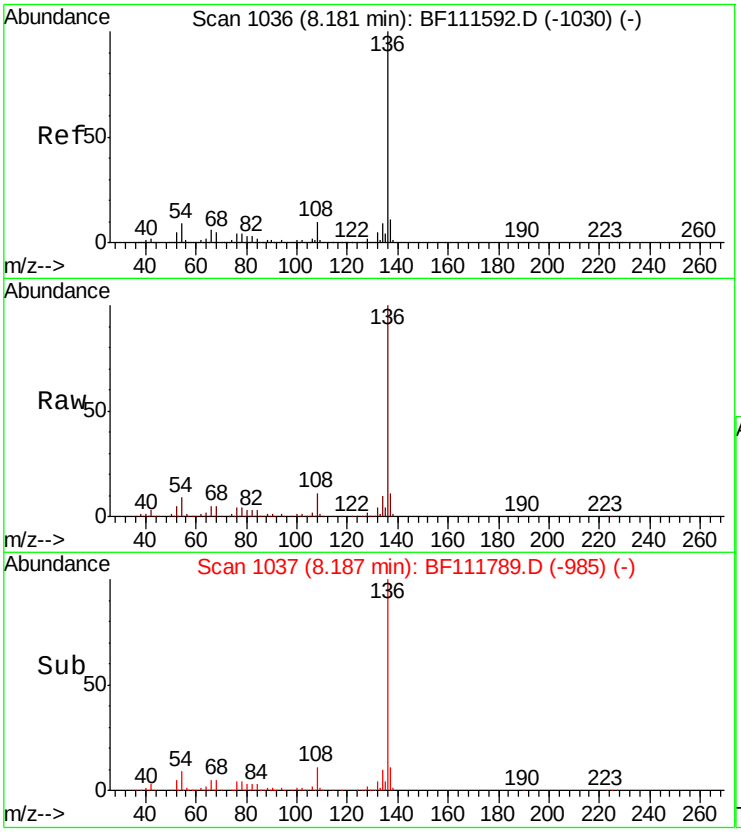


#20
3+4-Methylphenols
Concen: 47.269 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:107 Resp: 497822

Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.1	112.1
77	46.3	94.1	134.1#
79	32.3	9.8	49.8



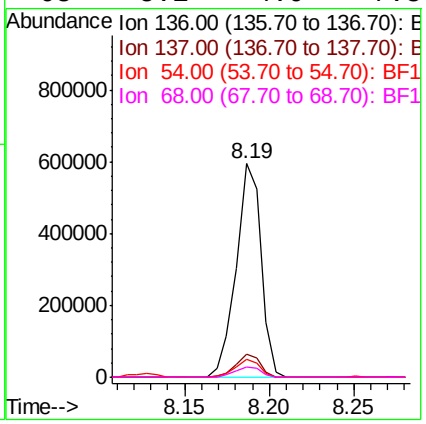


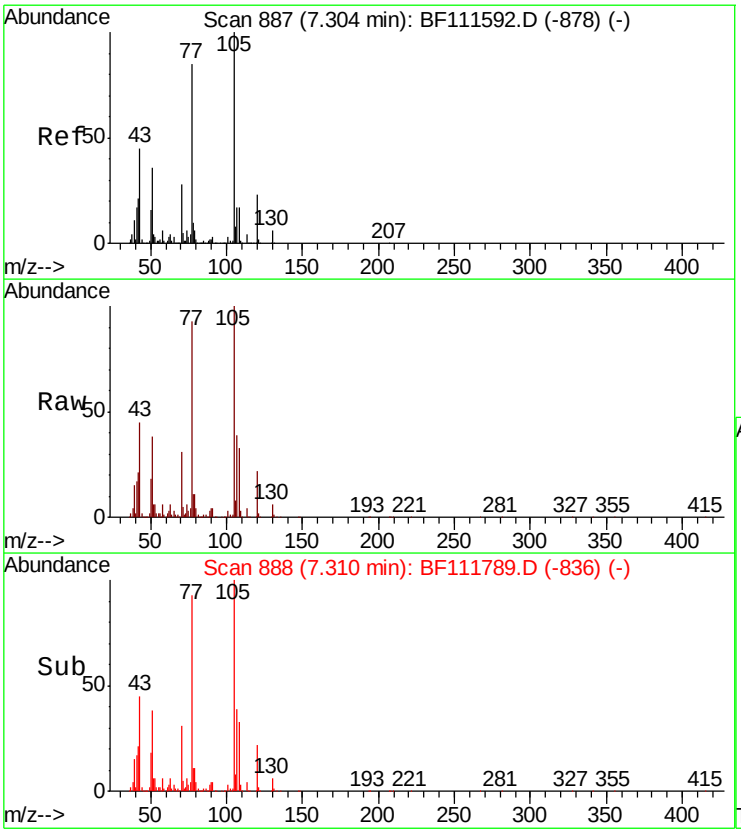
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:136 Resp: 610060

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.7	7.7	11.5
68	5.1	4.9	7.3

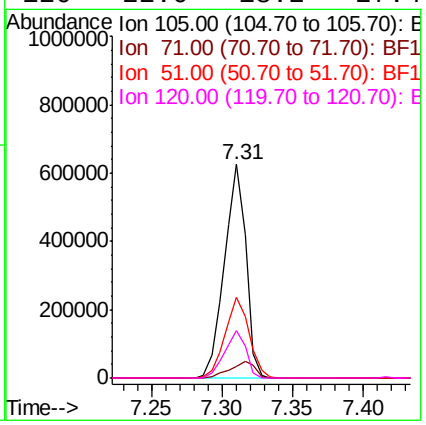


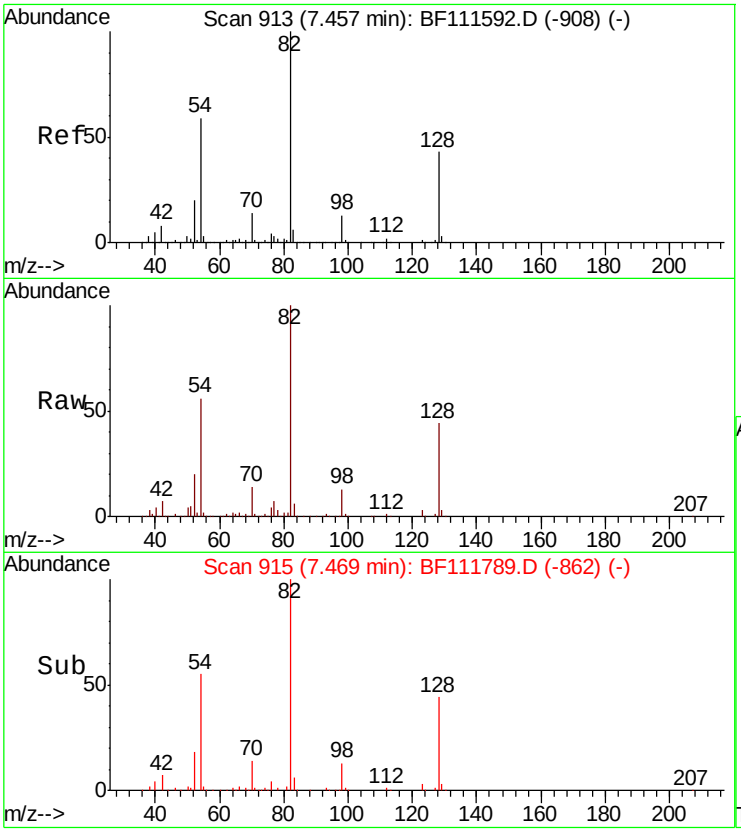


#22
Acetophenone
Concen: 42.778 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:105 Resp: 661142

Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.1	4.7#
51	37.7	36.6	54.8
120	22.0	18.2	27.4



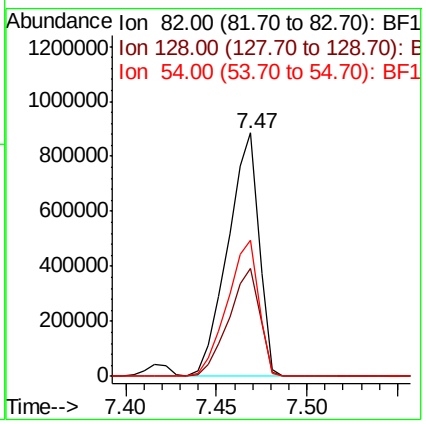


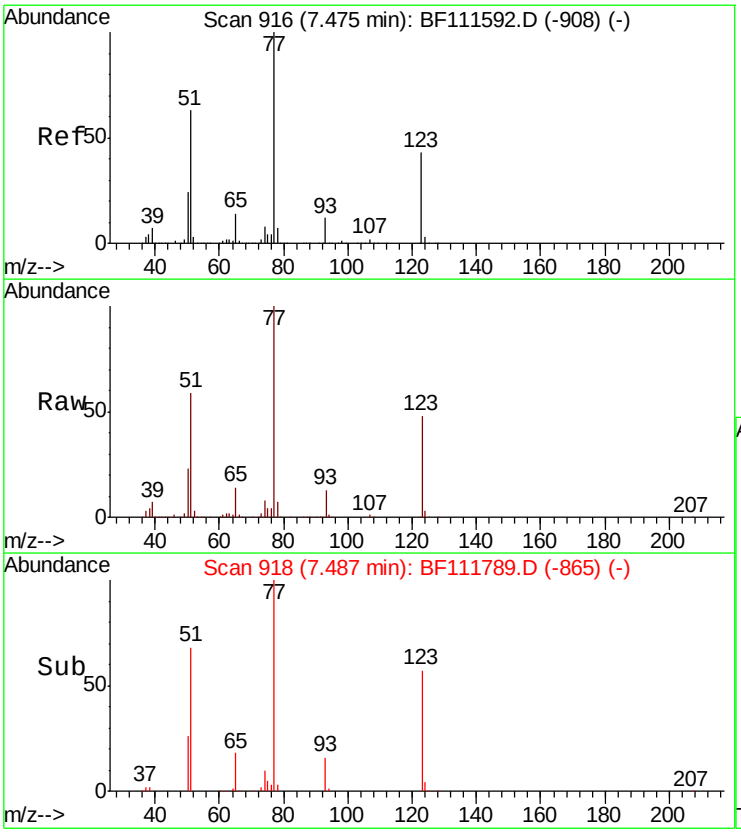
#23
Nitrobenzene-d5
Concen: 100.607 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 82 Resp: 1054436

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.4	56.2
54	56.0	47.6	71.4

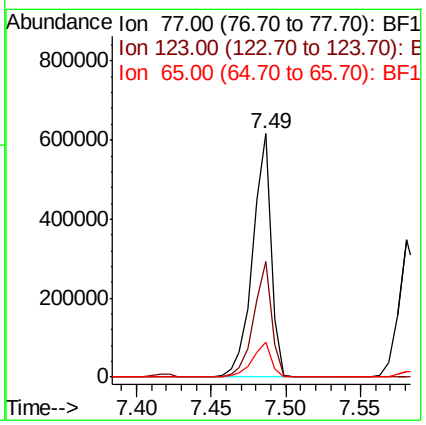


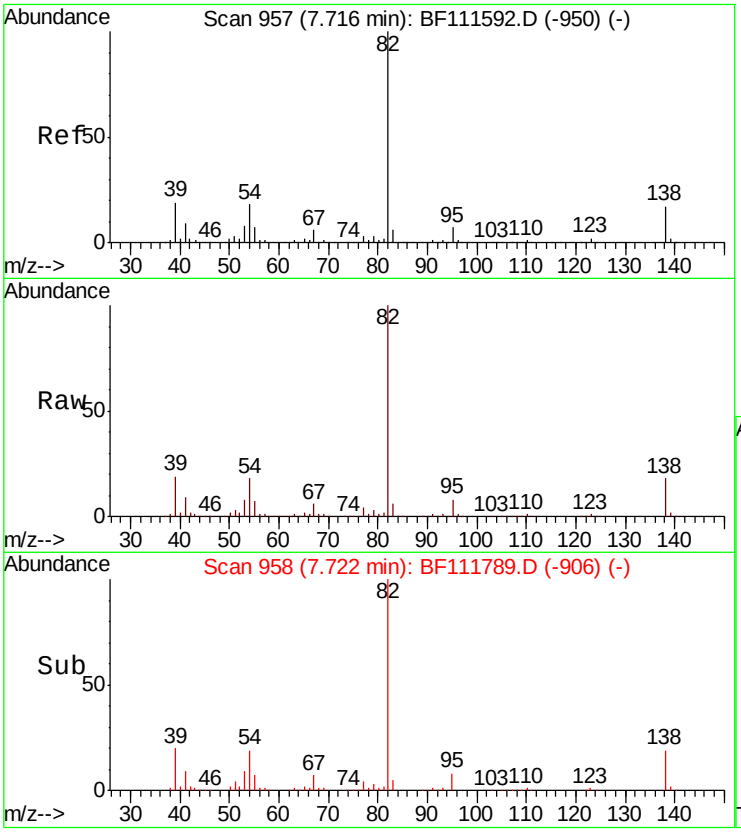


#24
Nitrobenzene
Concen: 47.504 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 77 Resp: 521820

Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.2	55.8
65	14.5	11.5	17.3



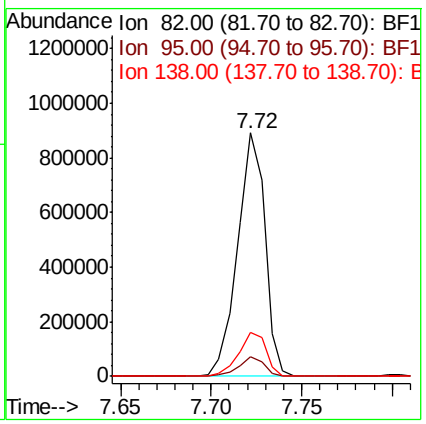


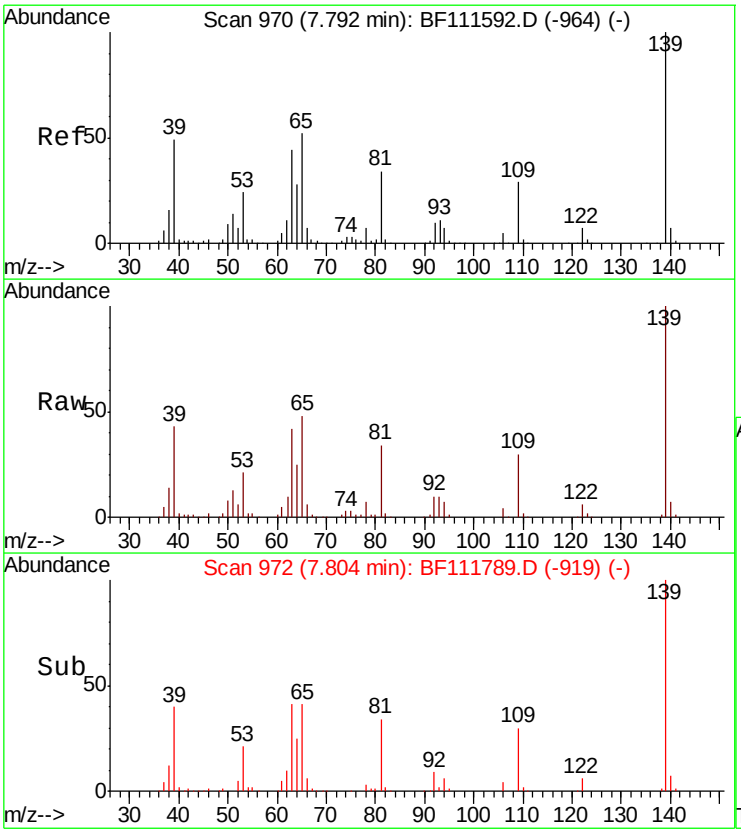
#25
Isophorone
Concen: 50.391 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 82 Resp: 937580

Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.4	8.2
138	18.1	15.1	22.7

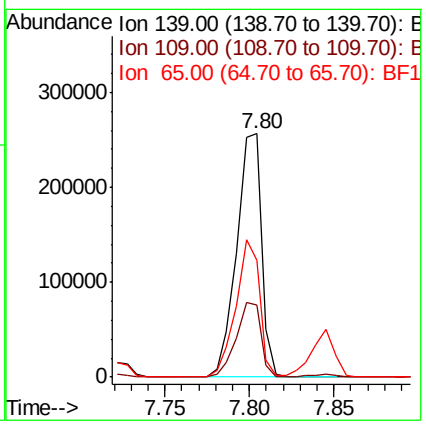


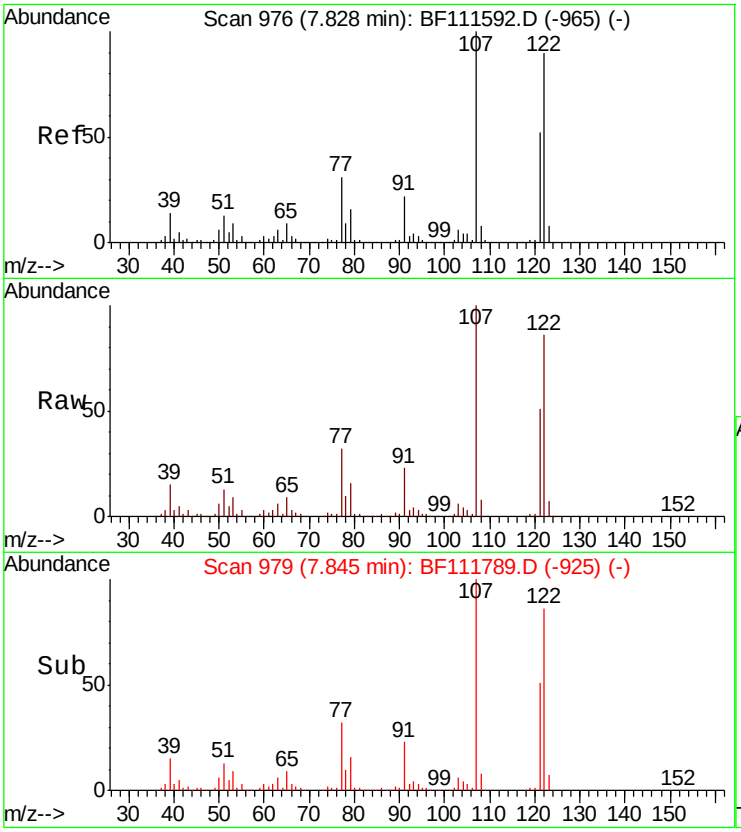


#26
2-Nitrophenol
Concen: 59.603 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:139 Resp: 265536

Ion	Ratio	Lower	Upper
139	100		
109	29.6	20.2	30.4
65	48.1	40.7	61.1



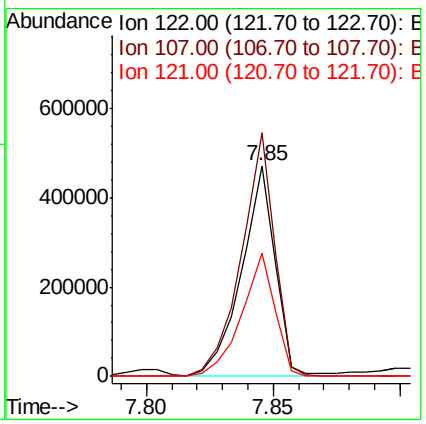


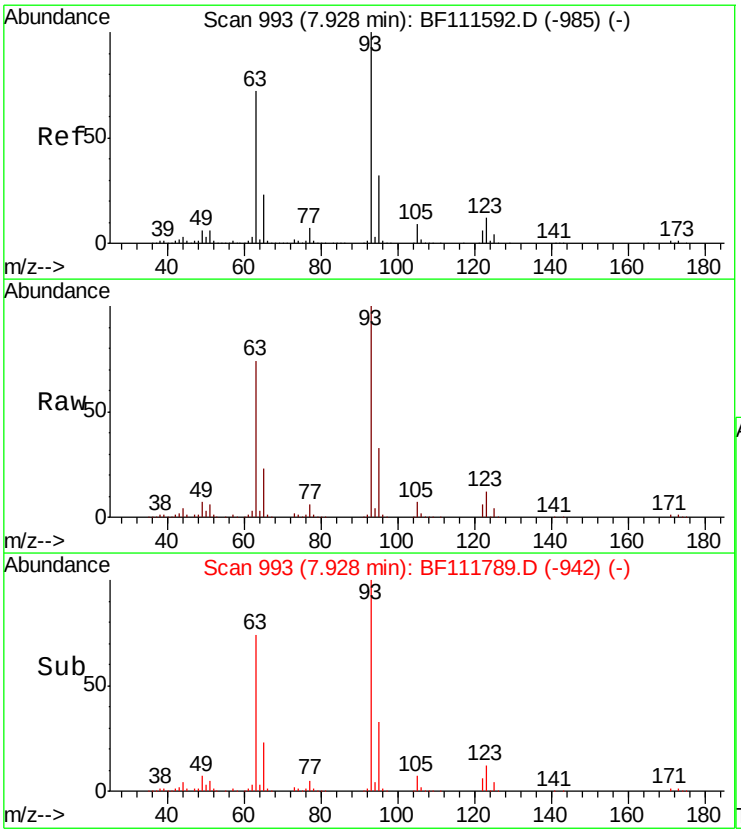
#27
2,4-Dimethylphenol
Concen: 50.002 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:122 Resp: 439128

Ion	Ratio	Lower	Upper
122	100		
107	115.7	85.5	128.3
121	58.8	46.6	70.0

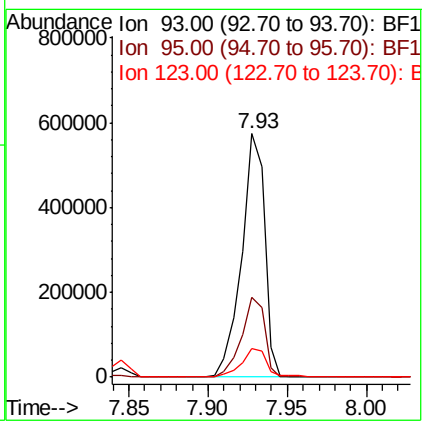


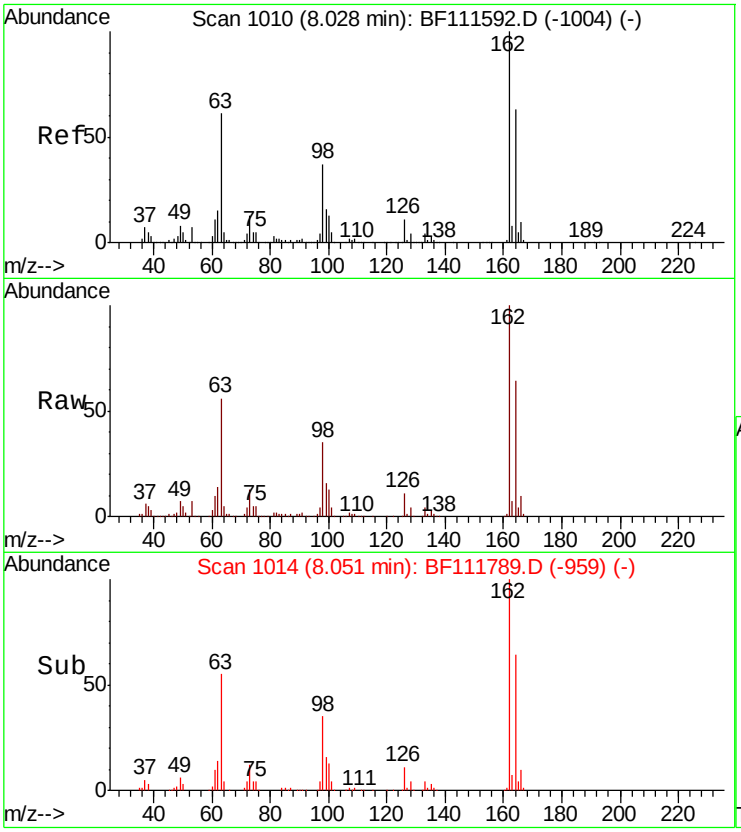


#28
bis(2-Chloroethoxy)methane
Concen: 46.504 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 93 Resp: 575786

Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	11.6	9.9	14.9



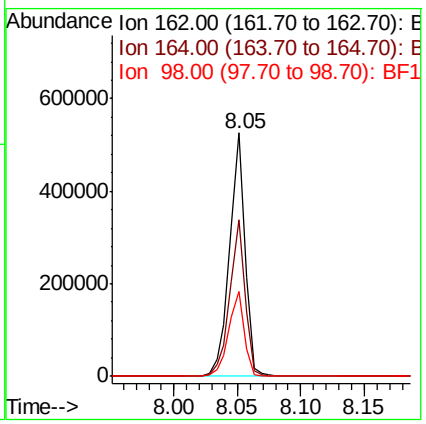


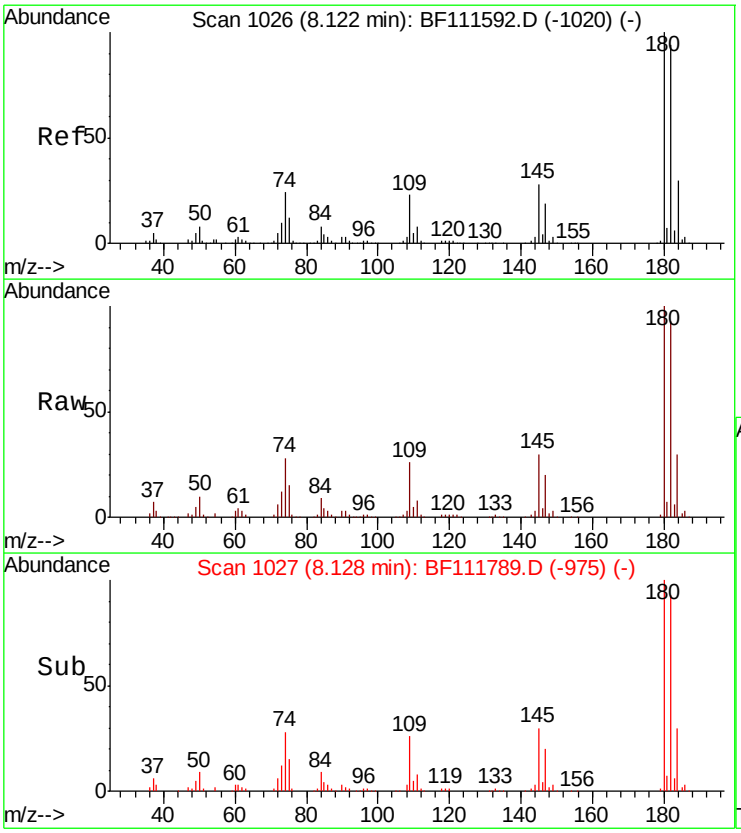
#29
2,4-Dichlorophenol
Concen: 46.882 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:162 Resp: 442853

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.4	84.4
98	35.0	20.3	60.3

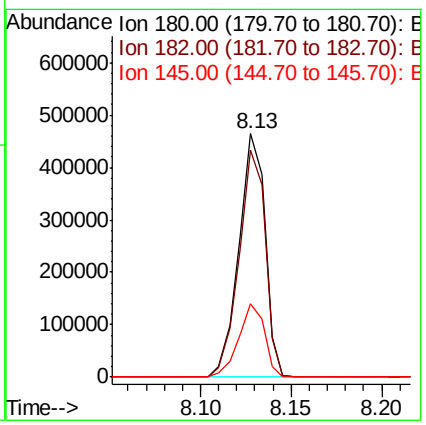


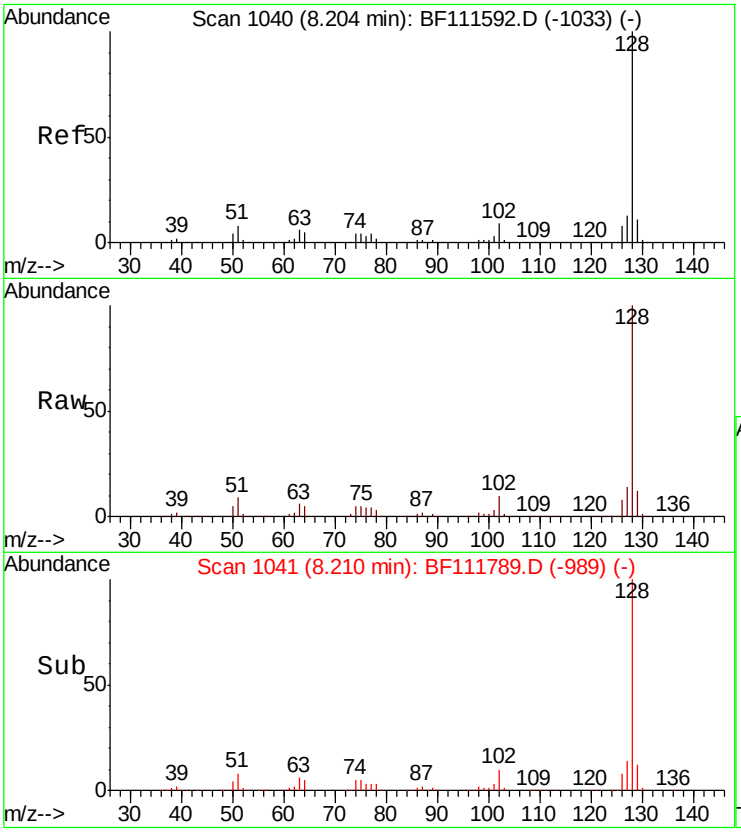


#30
1,2,4-Trichlorobenzene
Concen: 44.450 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:180 Resp: 467893

Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	30.1	26.7	40.1



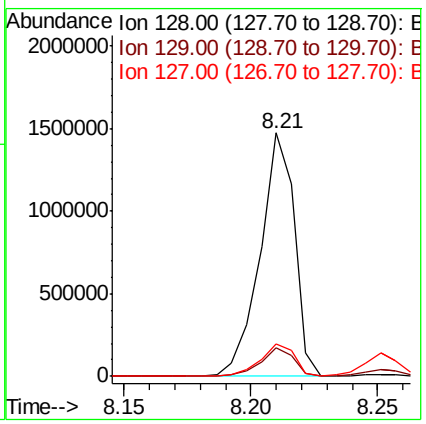


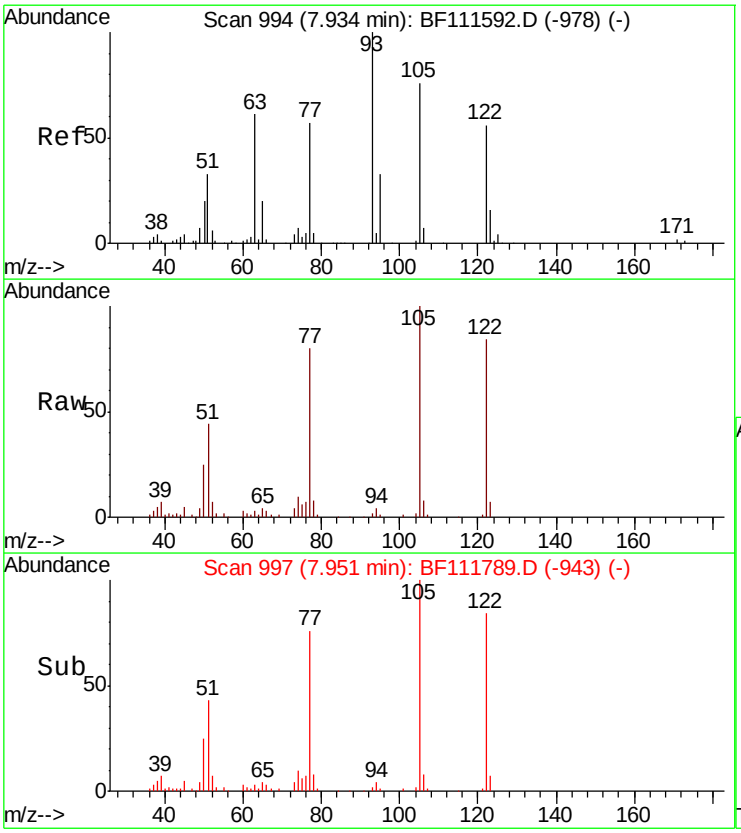
#31
Naphthalene
Concen: 47.843 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:128 Resp: 1402399

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.6	12.0	18.0

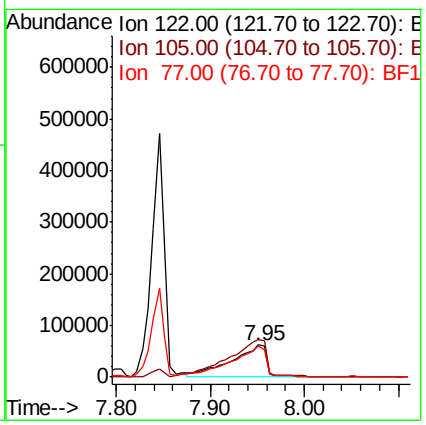


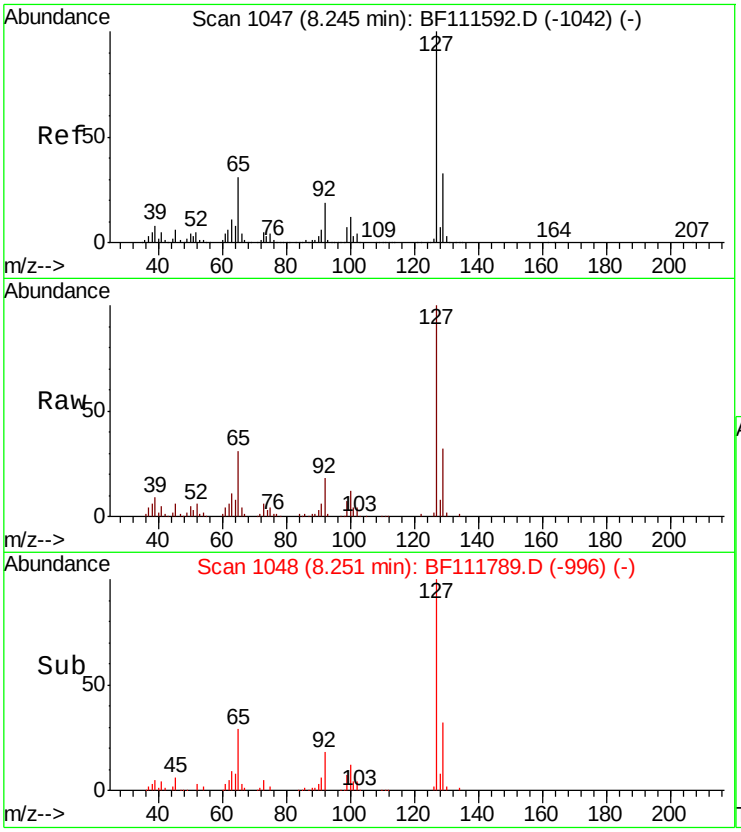


#32
Benzoic acid
Concen: 28.011 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:122 Resp: 162647

Ion	Ratio	Lower	Upper
122	100		
105	119.0	97.0	137.0
77	95.3	65.7	105.7



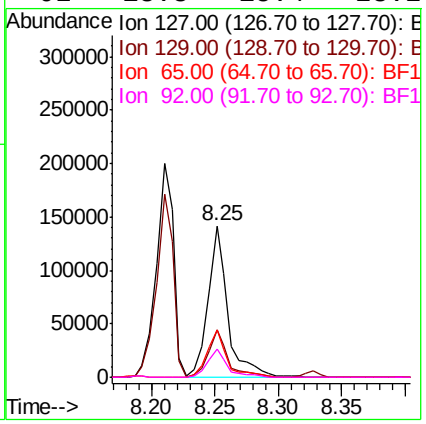


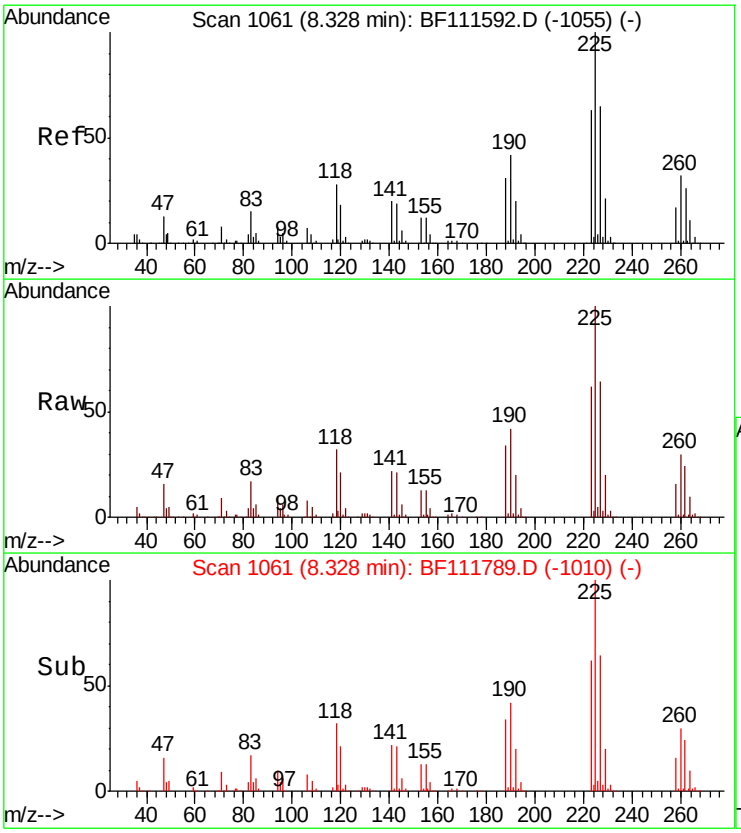
#33
4-Chloroaniline
Concen: 12.188 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:127 Resp: 154420

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	31.1	25.7	38.5
92	18.3	15.4	23.2

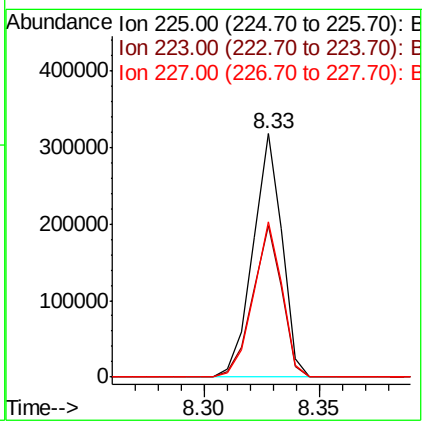


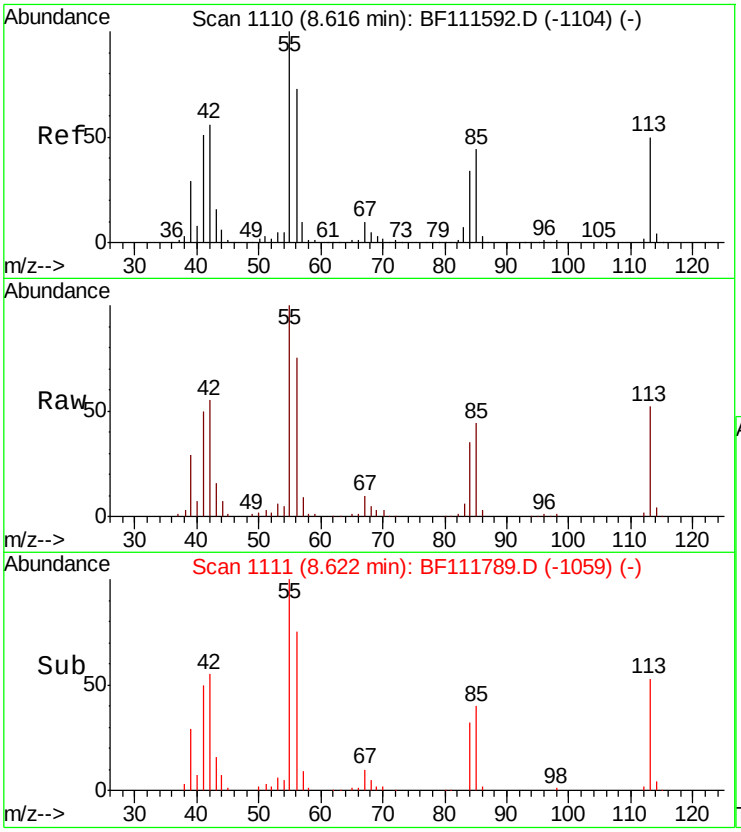


#34
Hexachlorobutadiene
Concen: 43.472 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:225 Resp: 278888

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.7	52.6	78.8



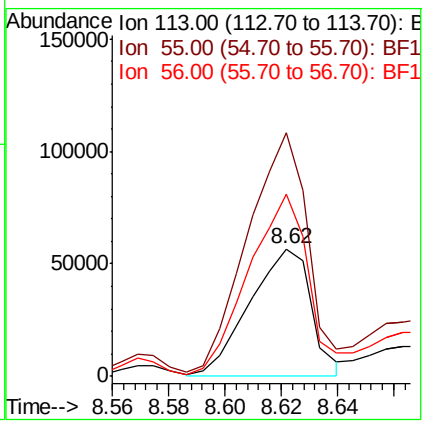


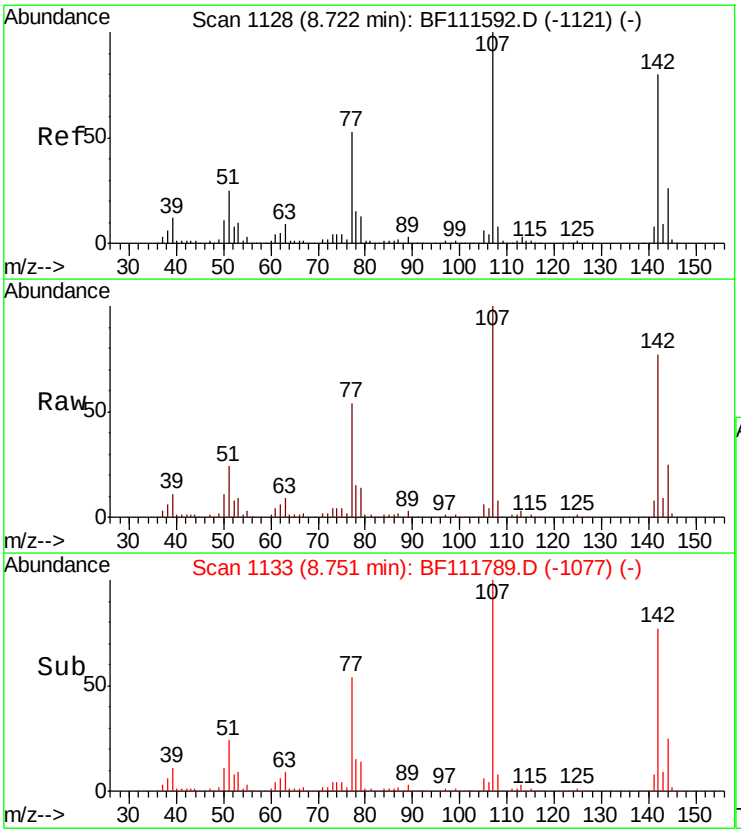
#35
Caprolactam
Concen: 26.809 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:113 Resp: 85809

Ion	Ratio	Lower	Upper
113	100		
55	190.6	184.1	224.1
56	142.8	126.0	166.0

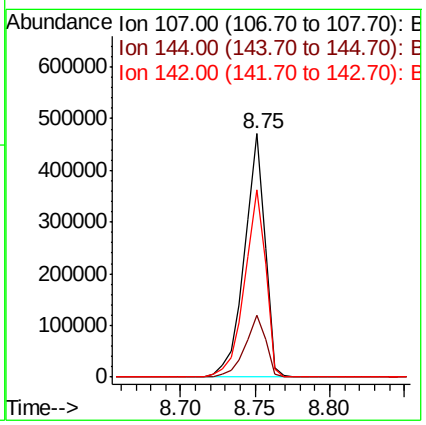


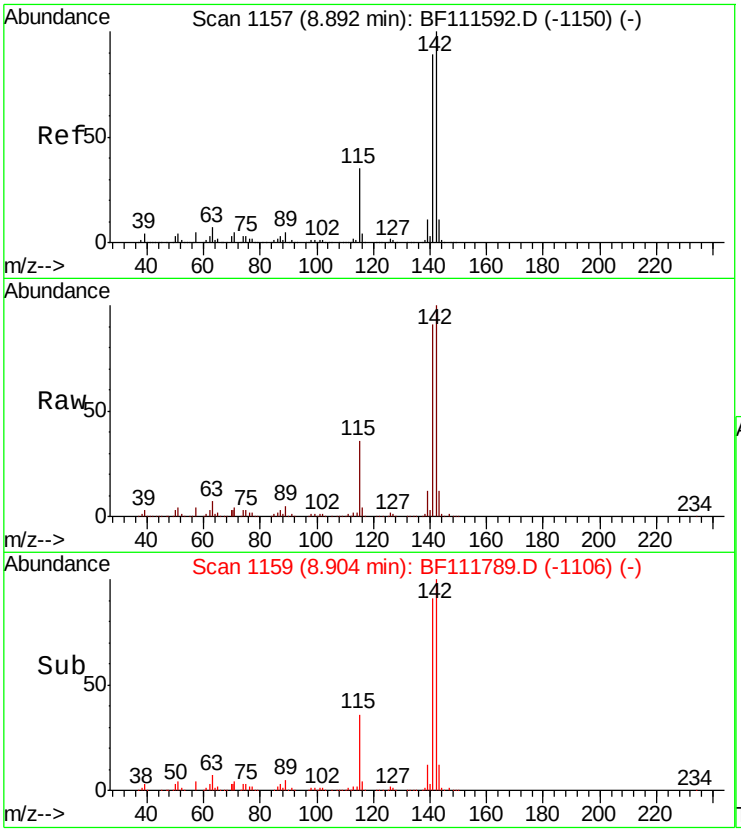


#36
4-Chloro-3-methylphenol
Concen: 48.212 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.03 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:107 Resp: 447669

Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.8	29.6
142	77.0	62.3	93.5



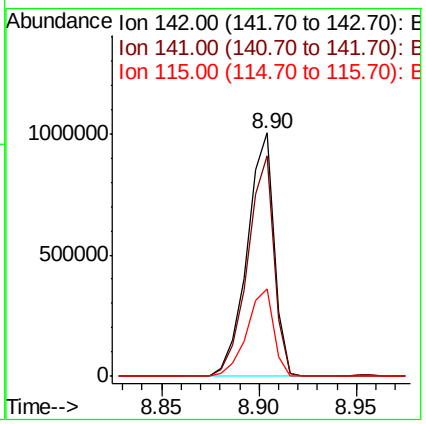


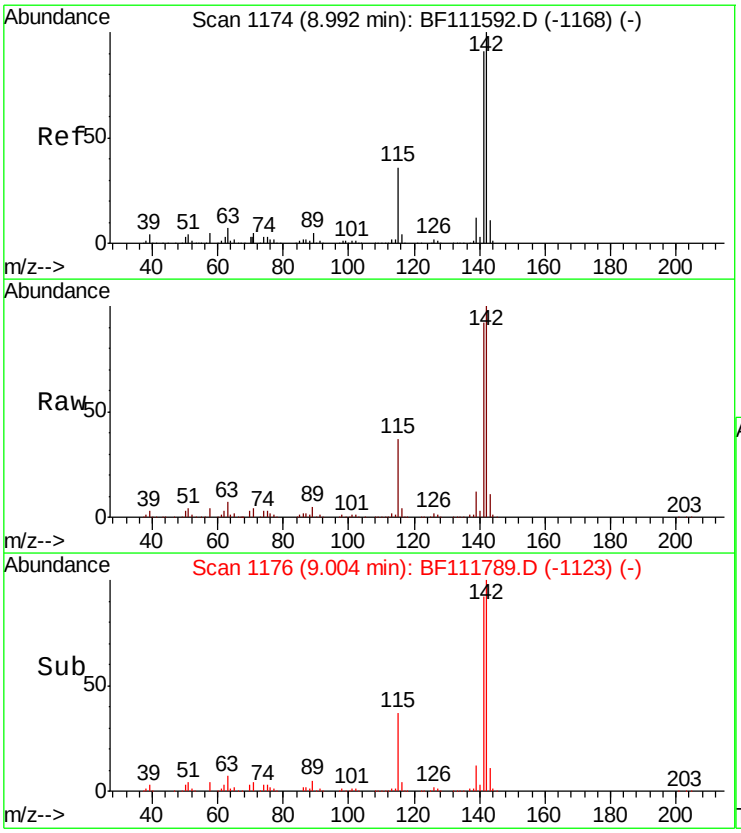
#37
2-Methylnaphthalene
Concen: 50.400 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:142 Resp: 961168

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.6	105.8
115	36.0	27.0	40.6

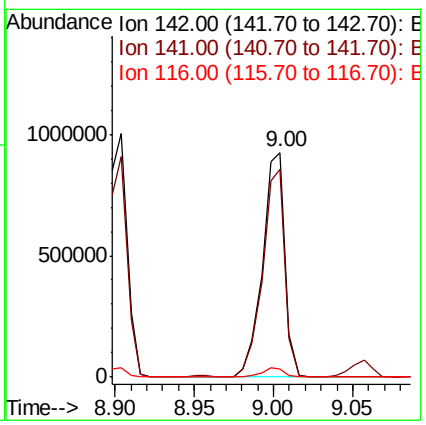


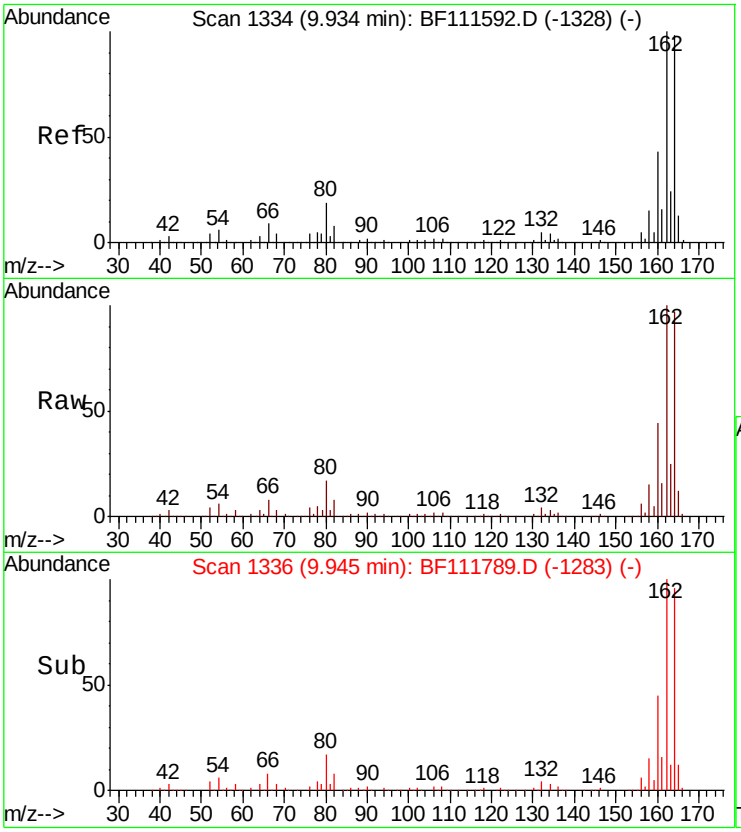


#38
1-Methylnaphthalene
Concen: 50.216 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:142 Resp: 919757

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.7	2.9	4.3



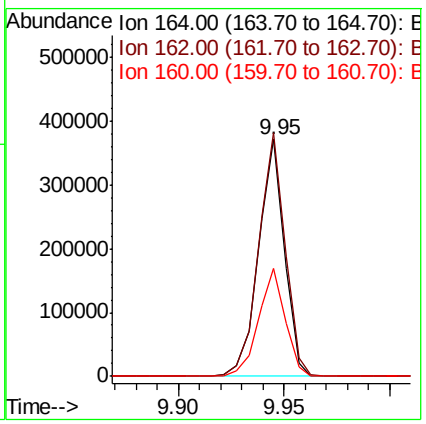


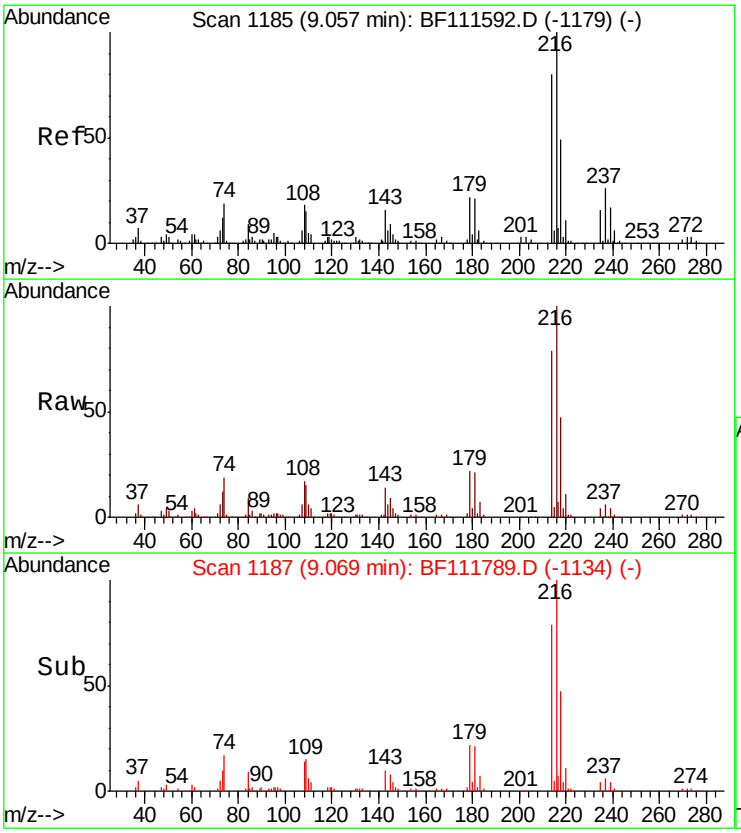
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:164 Resp: 317683

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	45.7	35.7	53.5

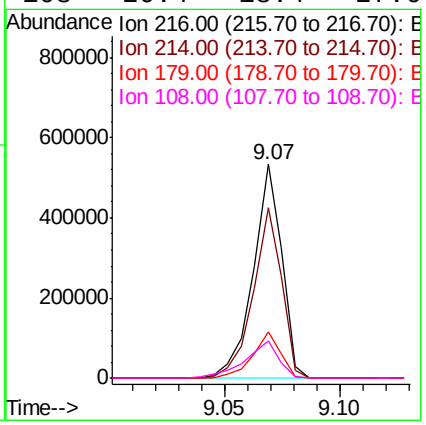


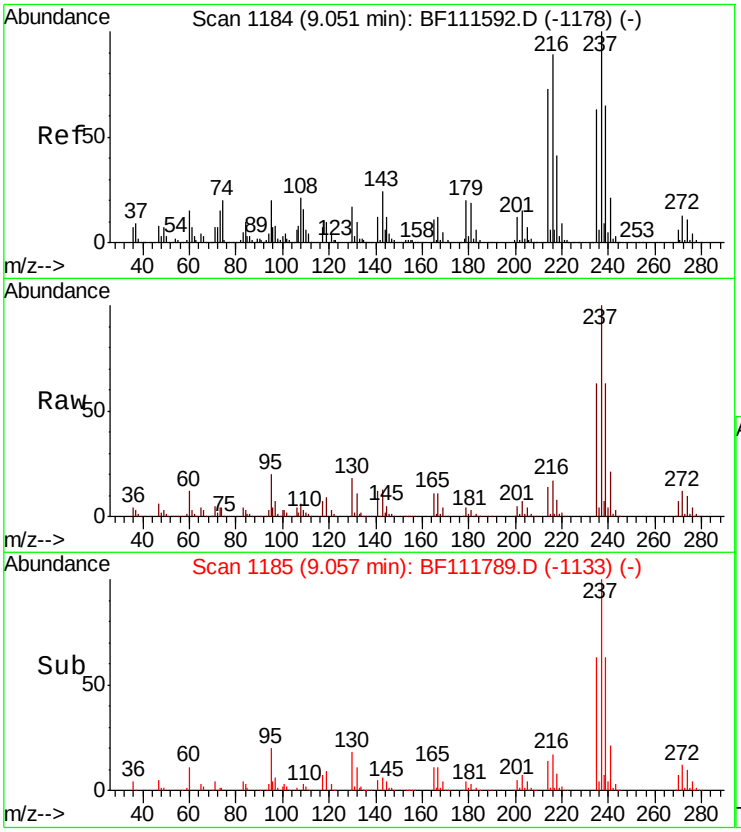


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.095 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:216 Resp: 460305

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.9	17.9	26.9
108	20.4	18.4	27.6



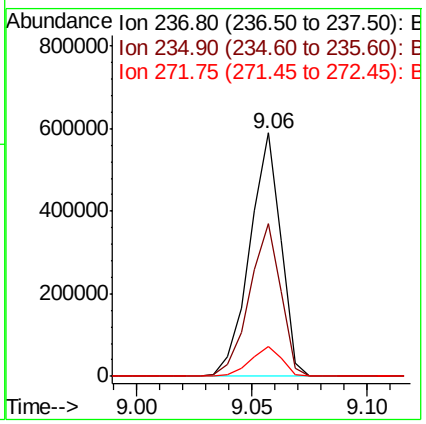


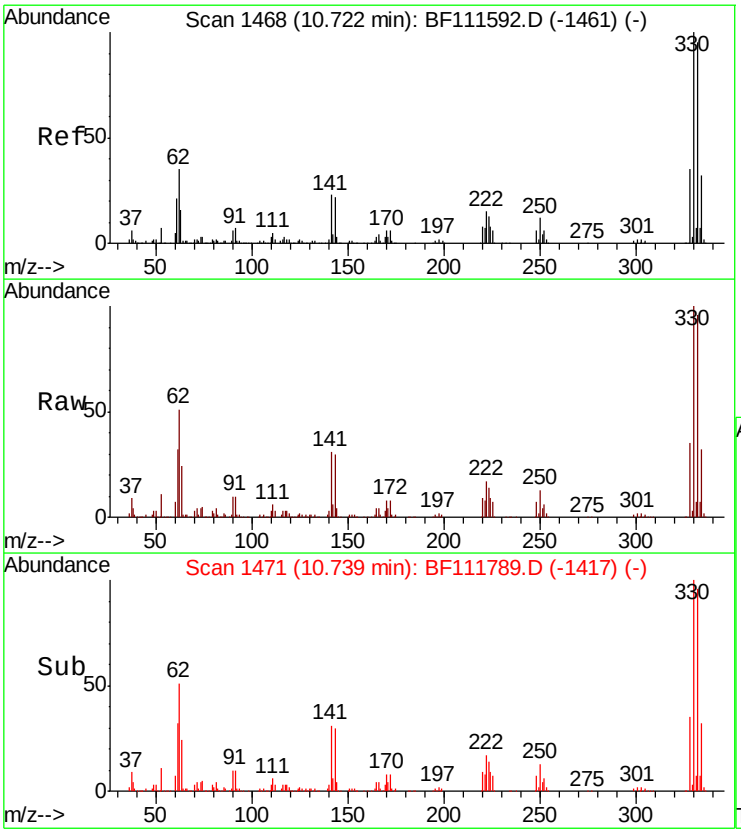
#41
Hexachlorocyclopentadiene
Concen: 109.578 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:237 Resp: 555090

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.1	83.1
272	12.5	0.0	33.0

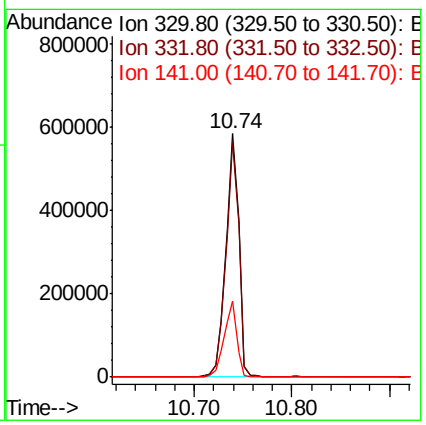


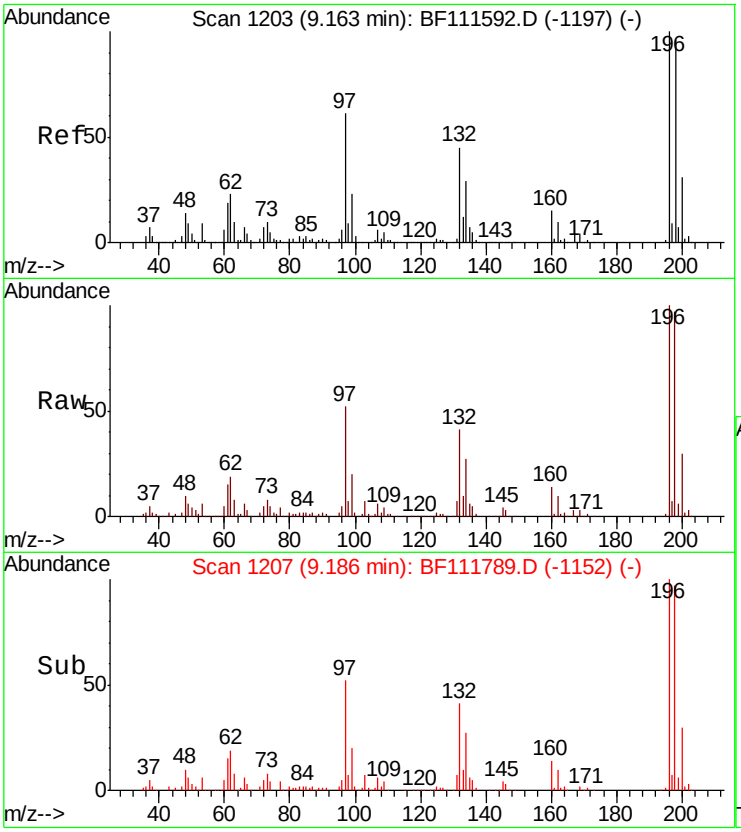


#42
2,4,6-Tribromophenol
Concen: 144.751 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:330 Resp: 543347

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	30.1	31.0	46.6#



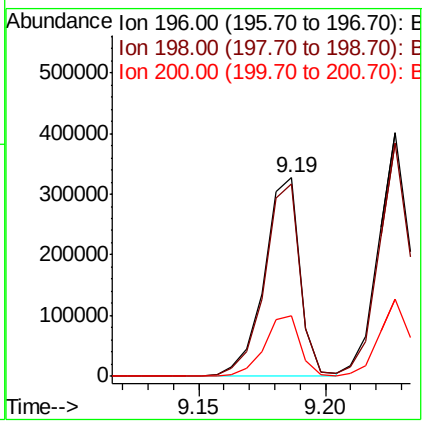


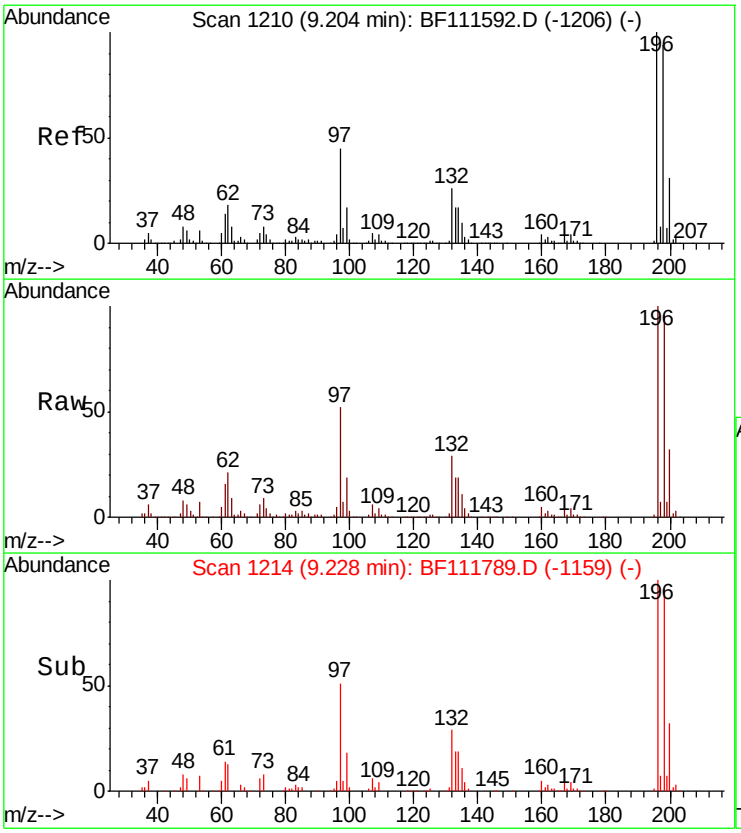
#43
2,4,6-Trichlorophenol
Concen: 46.725 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:196 Resp: 325656

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.3	114.5
200	30.5	24.9	37.3

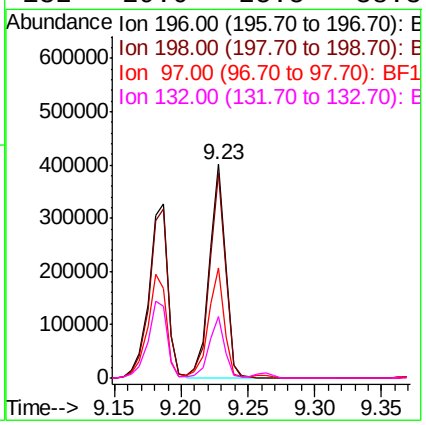


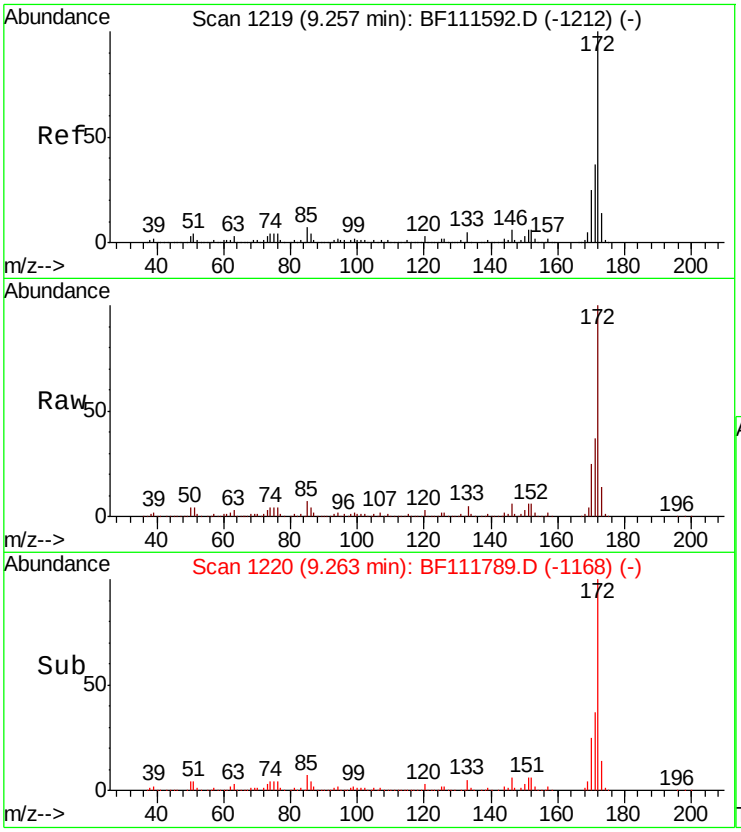


#44
2,4,5-Trichlorophenol
Concen: 48.055 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:196 Resp: 343597

Ion	Ratio	Lower	Upper
196	100		
198	96.0	72.9	109.3
97	51.6	45.3	67.9
132	29.0	25.5	38.3



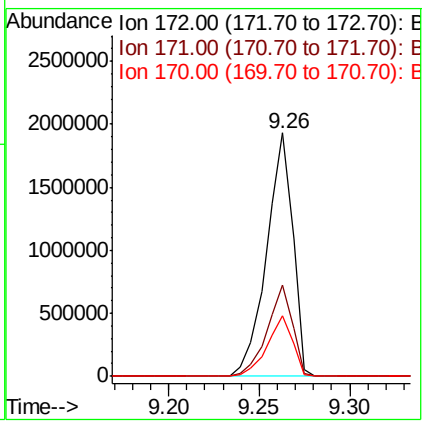


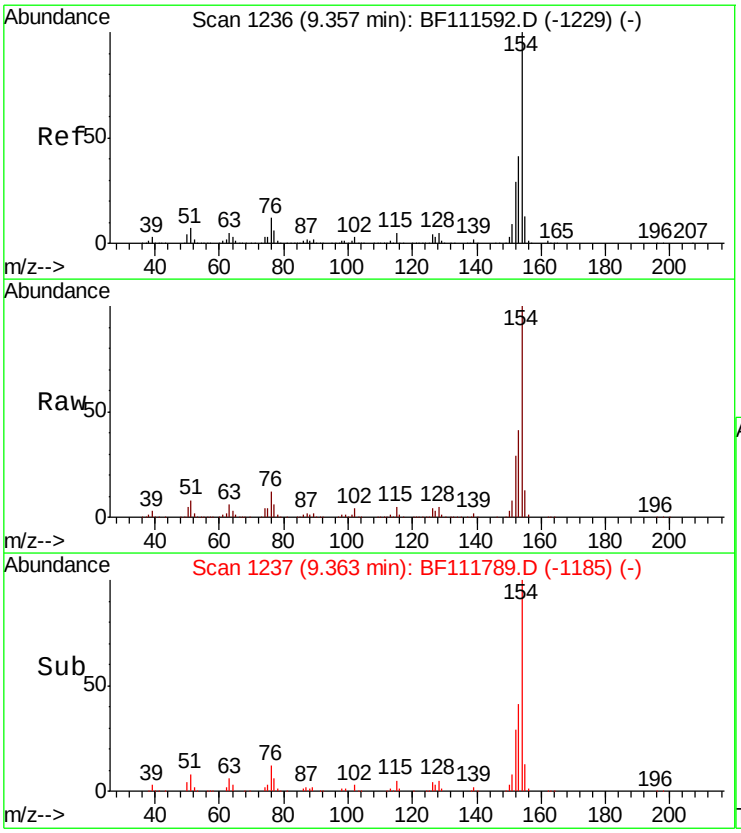
#45
2-Fluorobiphenyl
Concen: 88.726 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:172 Resp: 1933808

Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.0	49.4
170	24.7	22.3	33.5

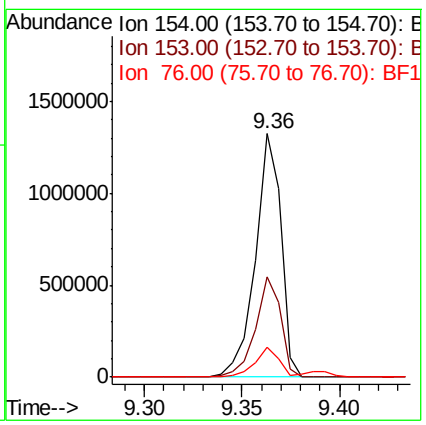


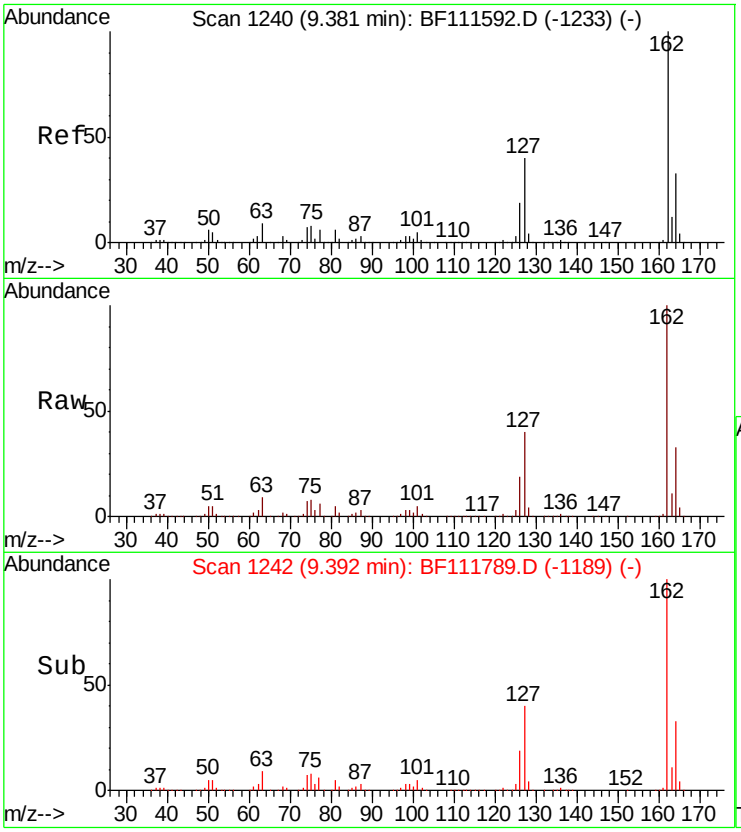


#46
1,1'-Biphenyl
Concen: 44.672 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:154 Resp: 1197983

Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	12.2	0.0	35.0



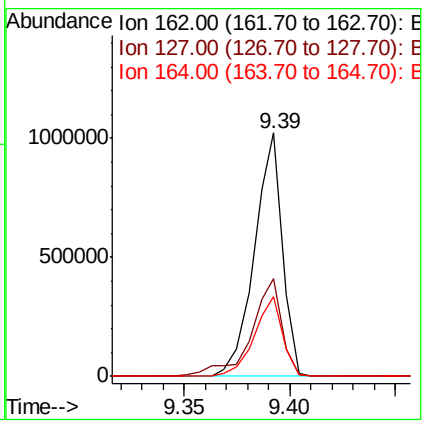


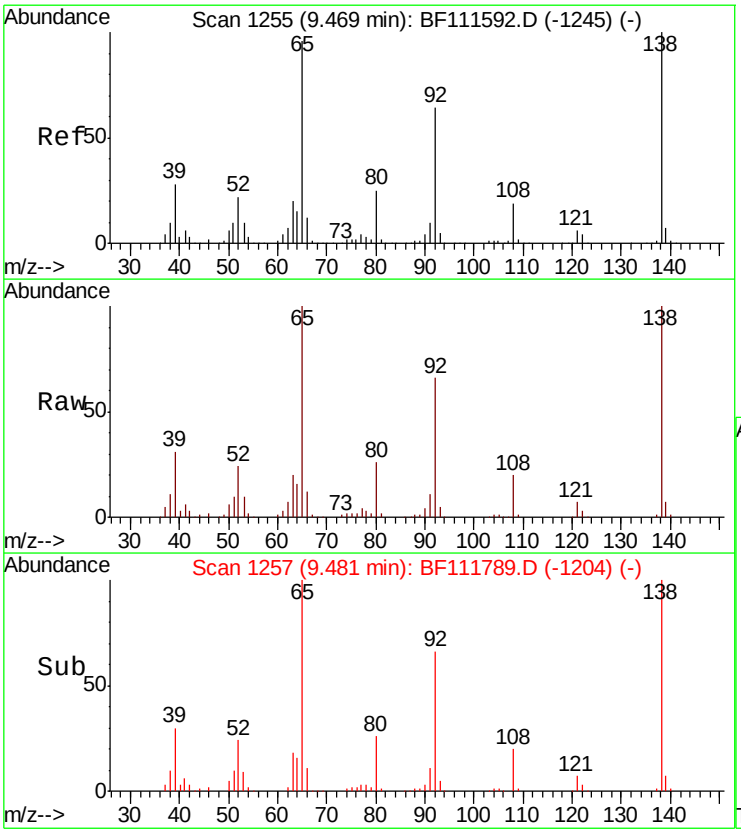
#47
2-Chloronaphthalene
Concen: 44.291 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:162 Resp: 941057

Ion	Ratio	Lower	Upper
162	100		
127	39.9	35.0	52.4
164	32.9	28.4	42.6

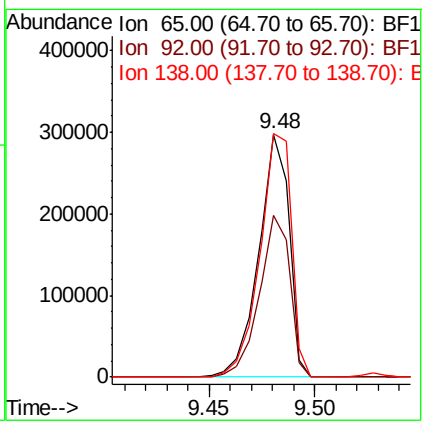


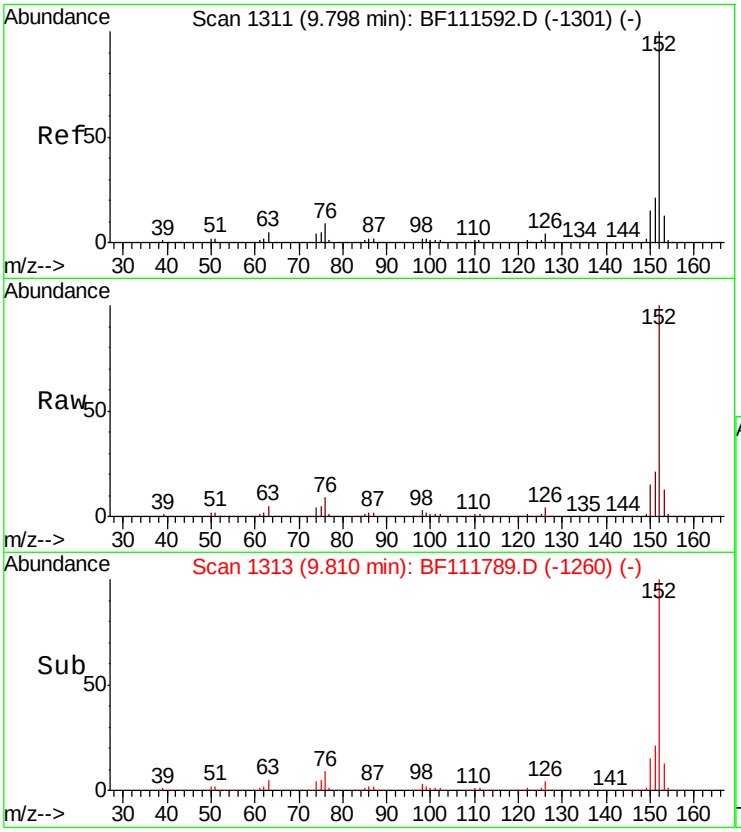


#48
2-Nitroaniline
Concen: 53.946 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion: 65 Resp: 298185

Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.5	80.3
138	100.2	80.9	121.3



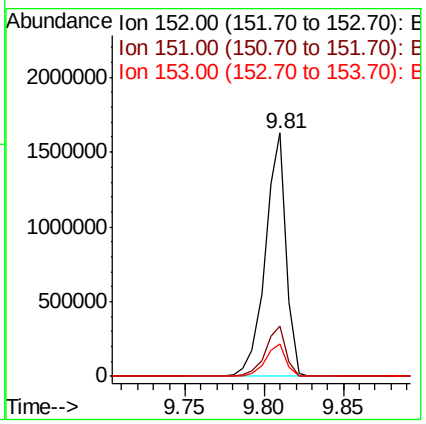


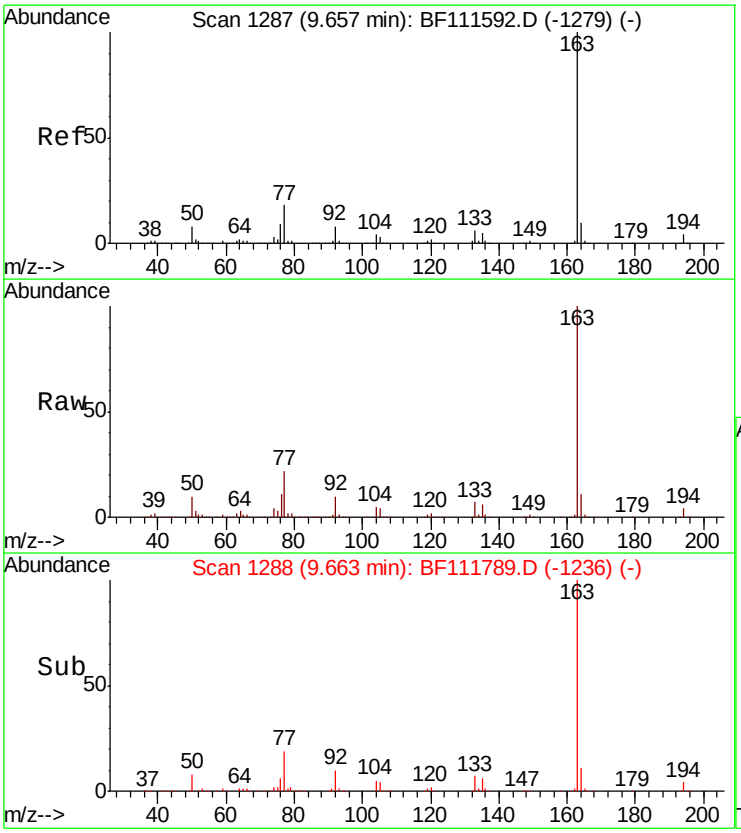
#49
Acenaphthylene
Concen: 48.087 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:152 Resp: 1491758

Ion	Ratio	Lower	Upper
152	100		
151	20.7	18.0	27.0
153	13.2	12.3	18.5

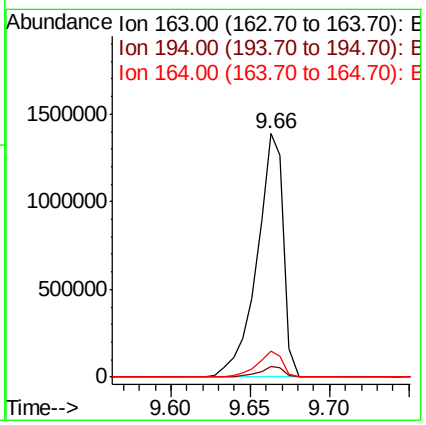


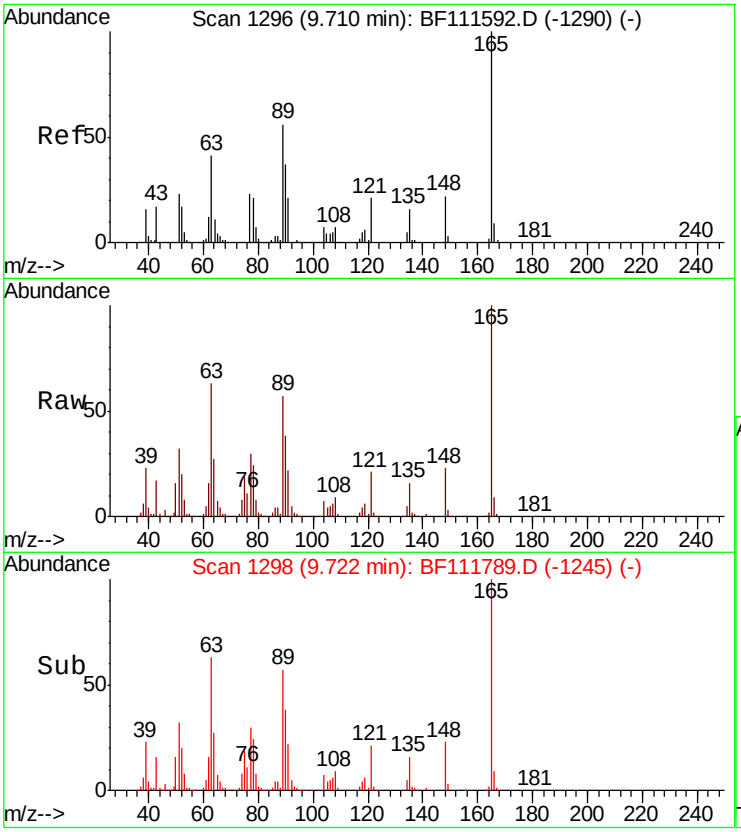


#50
Dimethylphthalate
Concen: 69.401 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:163 Resp: 1612266

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.7	8.9	13.3



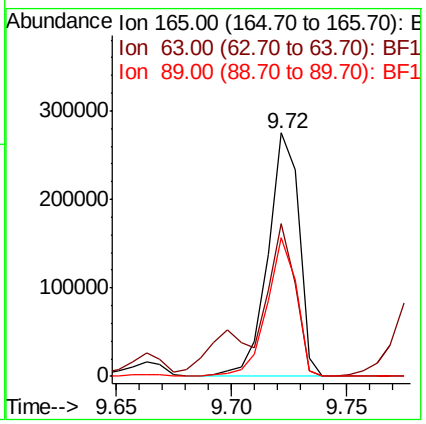


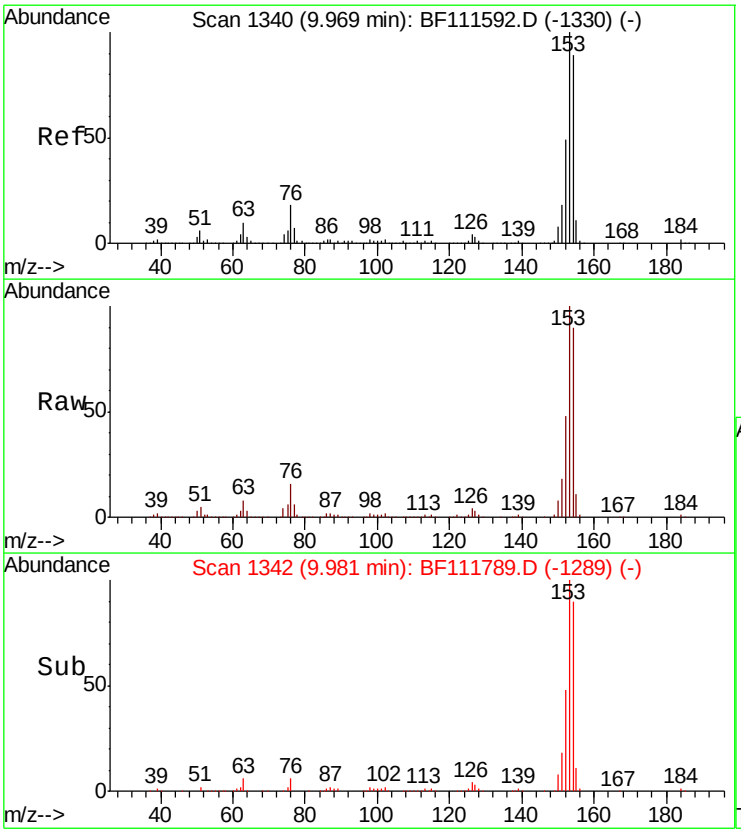
#51
2,6-Dinitrotoluene
Concen: 55.311 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:165 Resp: 256217

Ion	Ratio	Lower	Upper
165	100		
63	62.8	40.5	60.7#
89	56.8	40.0	60.0

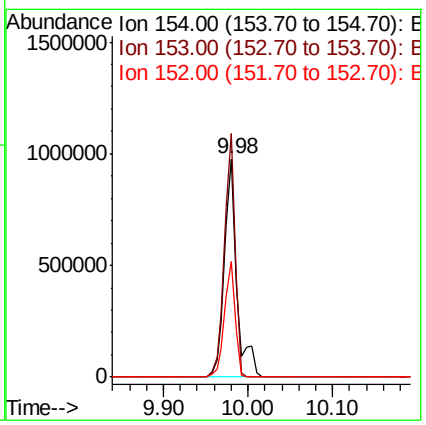


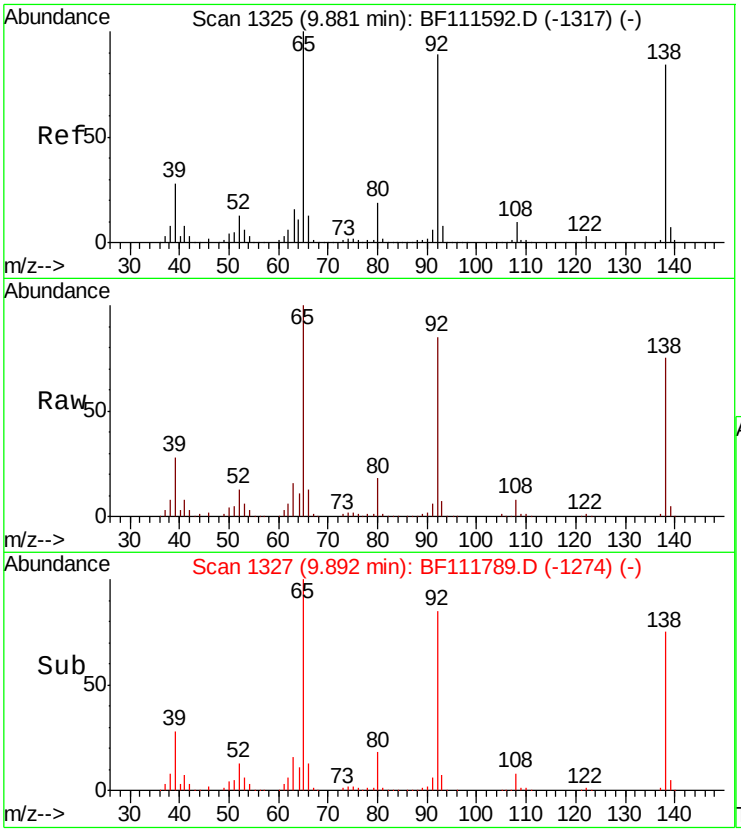


#52
Acenaphthene
Concen: 52.039 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:154 Resp: 995665

Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.8	131.8
152	53.2	43.4	65.2



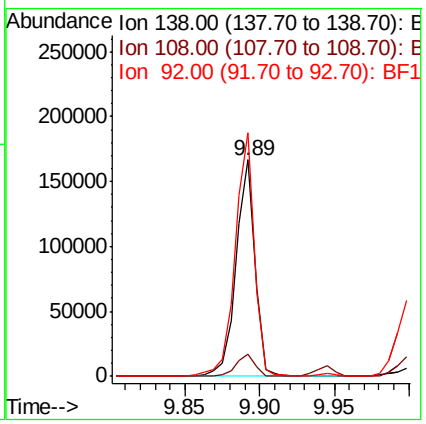


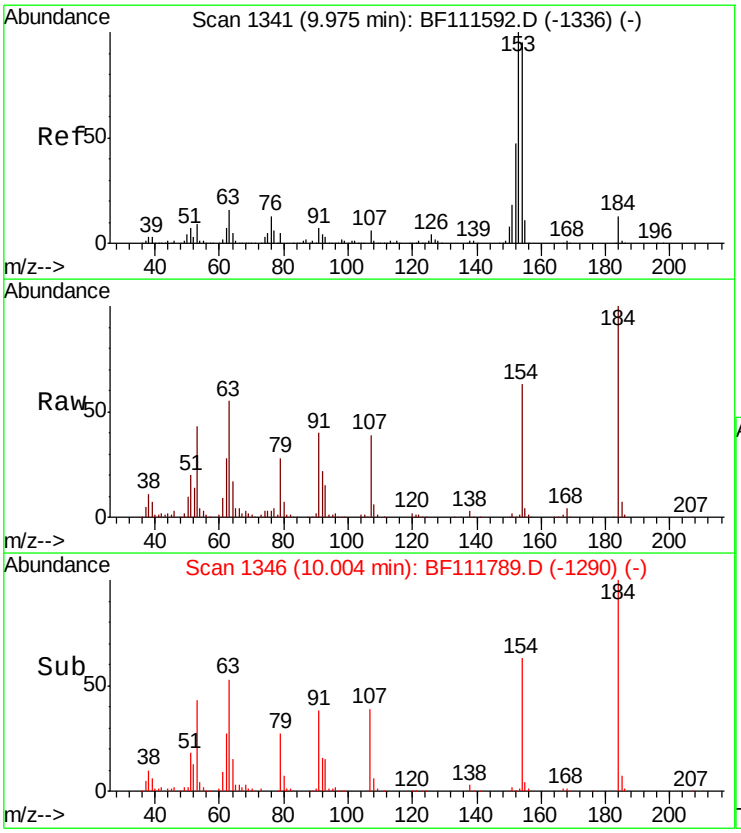
#53
3-Nitroaniline
Concen: 29.883 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:138 Resp: 147633

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	112.6	93.4	140.2

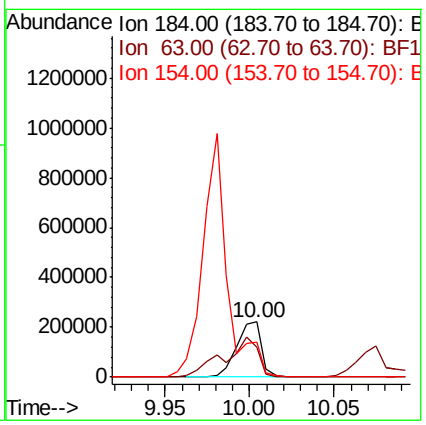


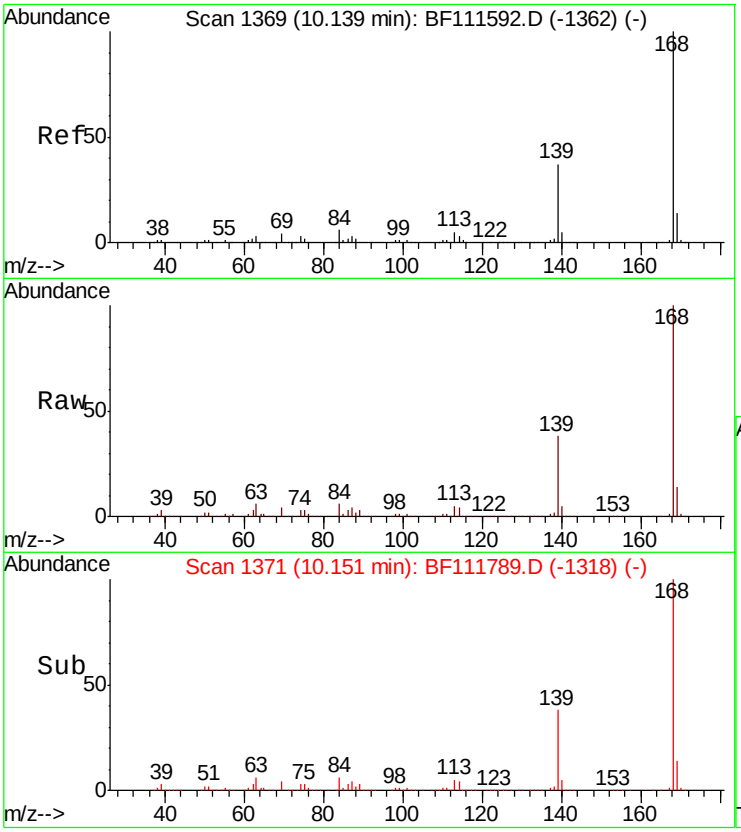


#54
2,4-Dinitrophenol
Concen: 146.082 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:184 Resp: 227041

Ion	Ratio	Lower	Upper
184	100		
63	55.4	62.3	93.5#
154	63.2	56.2	84.2



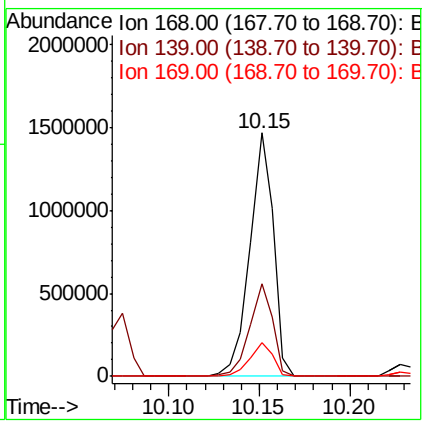


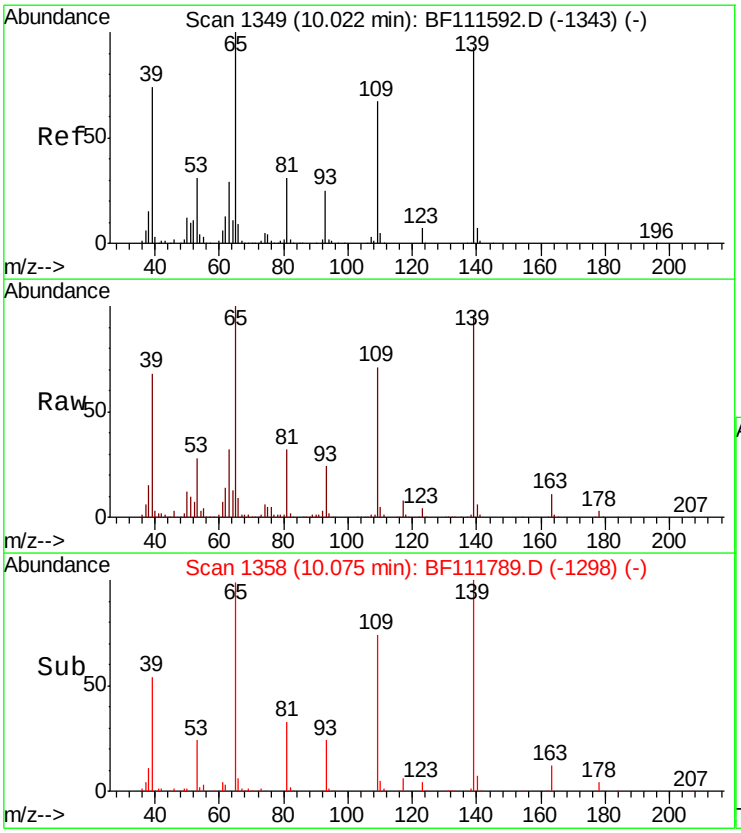
#55
Dibenzofuran
Concen: 45.831 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:168 Resp: 1324795

Ion	Ratio	Lower	Upper
168	100		
139	38.1	32.6	49.0
169	13.7	11.8	17.6

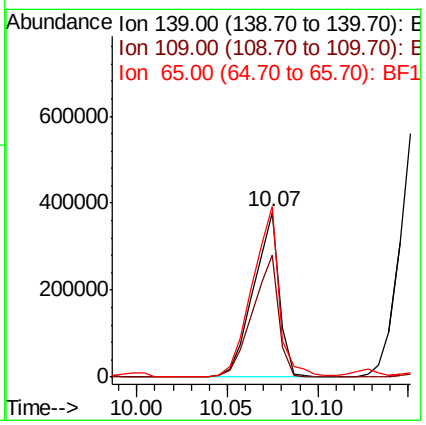


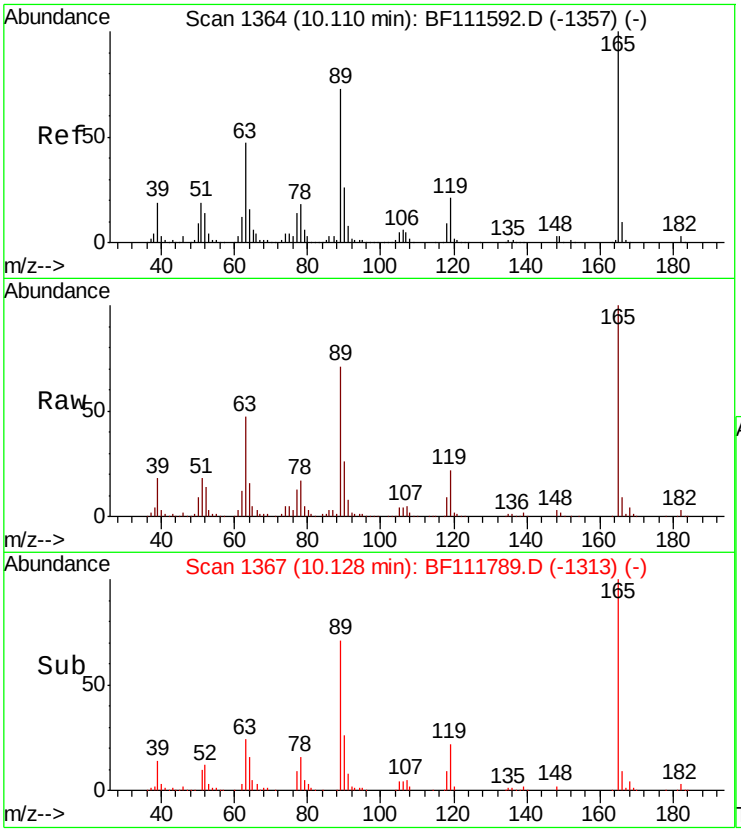


#56
4-Nitrophenol
Concen: 99.819 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.05 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:139 Resp: 376341

Ion	Ratio	Lower	Upper
139	100		
109	74.0	41.8	81.8
65	103.7	79.6	119.6



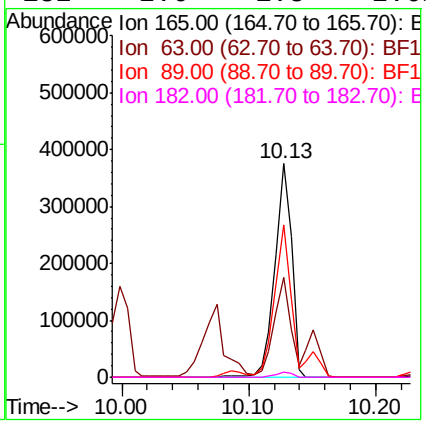


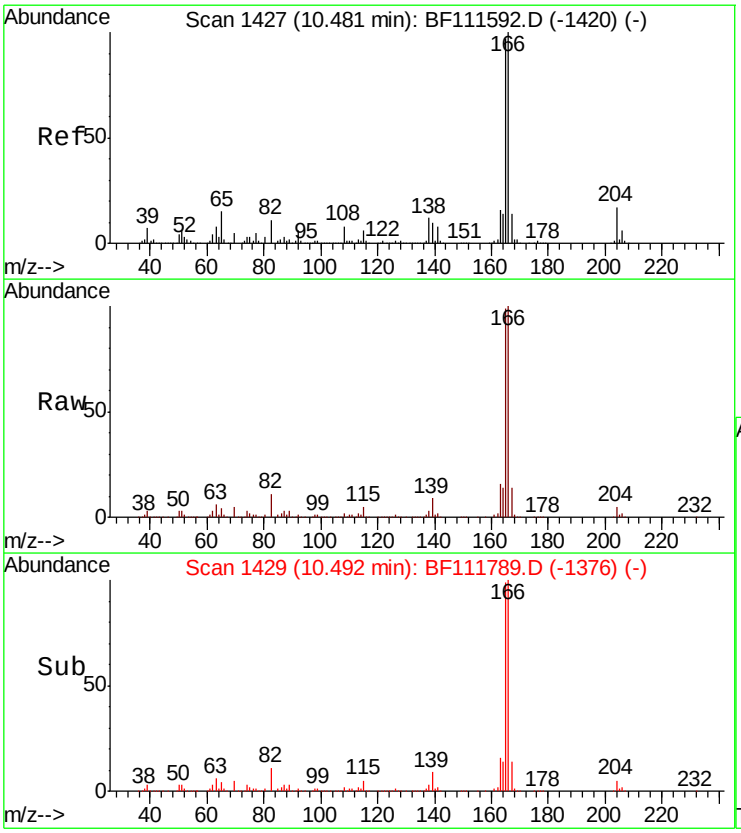
#57
2,4-Dinitrotoluene
Concen: 61.354 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:165 Resp: 341584

Ion	Ratio	Lower	Upper
165	100		
63	46.8	34.6	52.0
89	71.2	56.2	84.4
182	2.6	1.8	2.6#

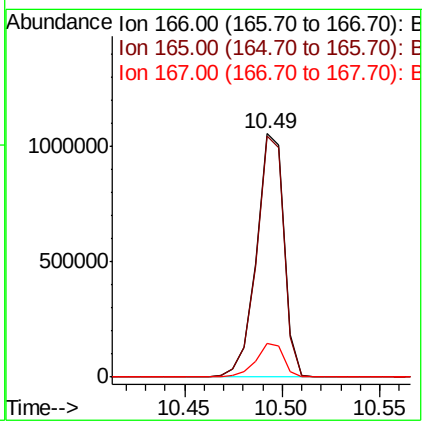


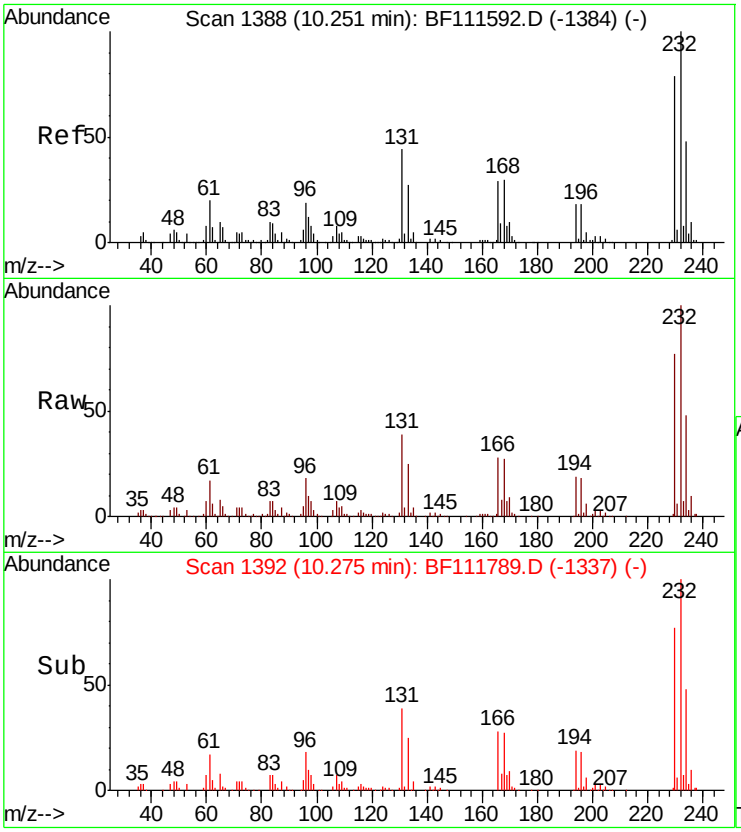


#58
Fluorene
Concen: 49.444 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:166 Resp: 1029884

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	13.8	11.2	16.8



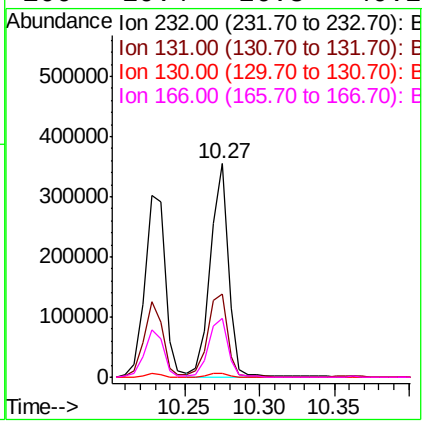


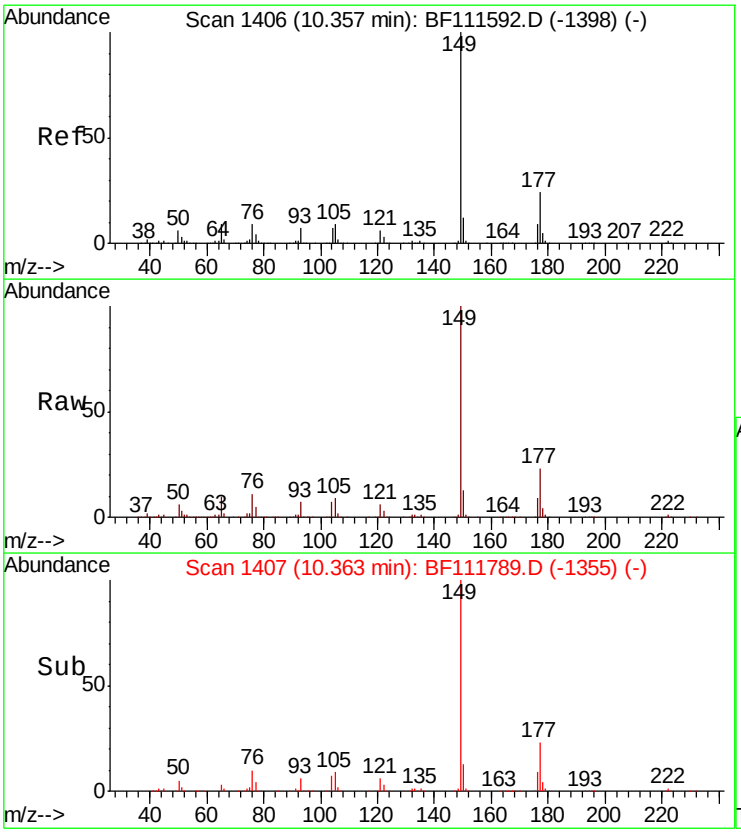
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.483 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:232 Resp: 297755

Ion	Ratio	Lower	Upper
232	100		
131	43.2	40.9	61.3
130	2.3	2.0	3.0
166	29.4	26.8	40.2

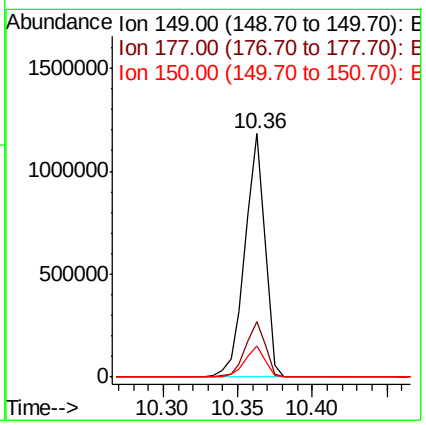


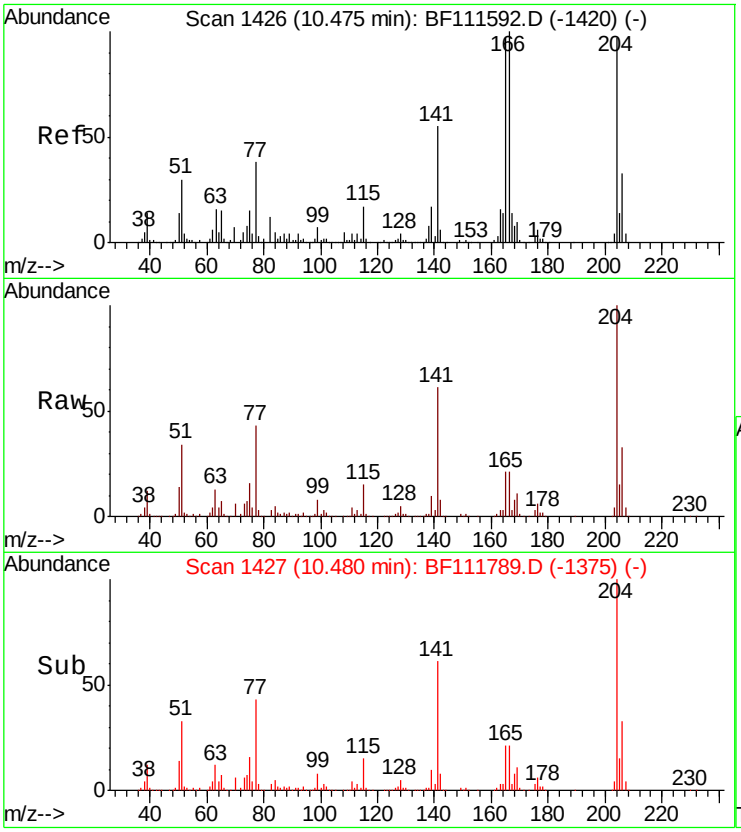


#60
Diethylphthalate
Concen: 48.064 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:149 Resp: 1095308

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.8	10.6	15.8



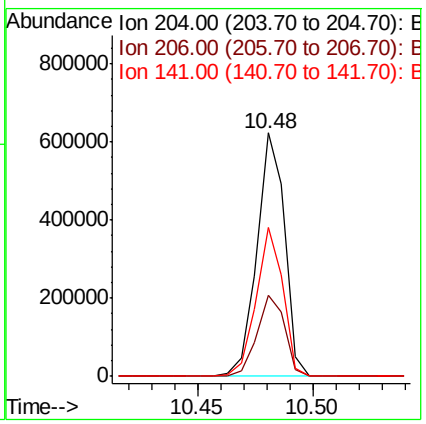


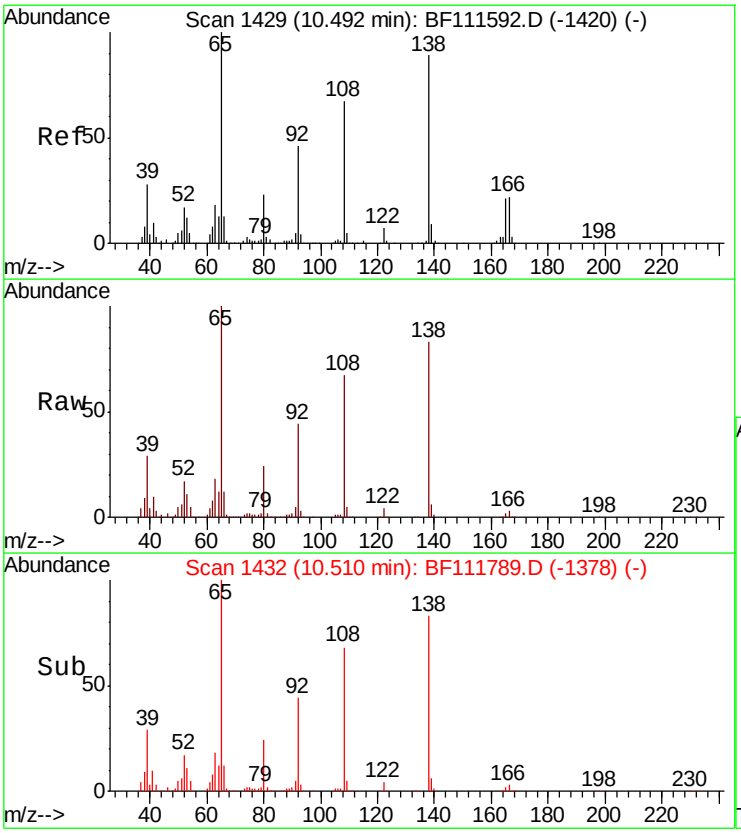
#61
4-Chlorophenyl-phenylether
Concen: 45.387 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:204 Resp: 522309

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	61.0	52.6	78.8

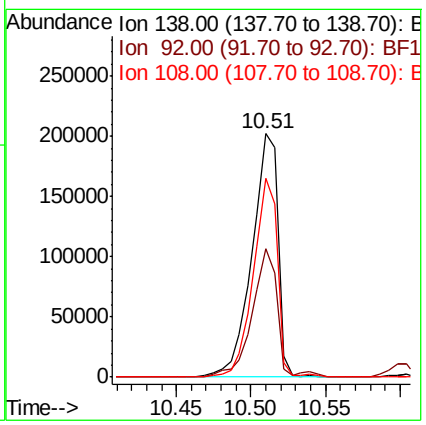


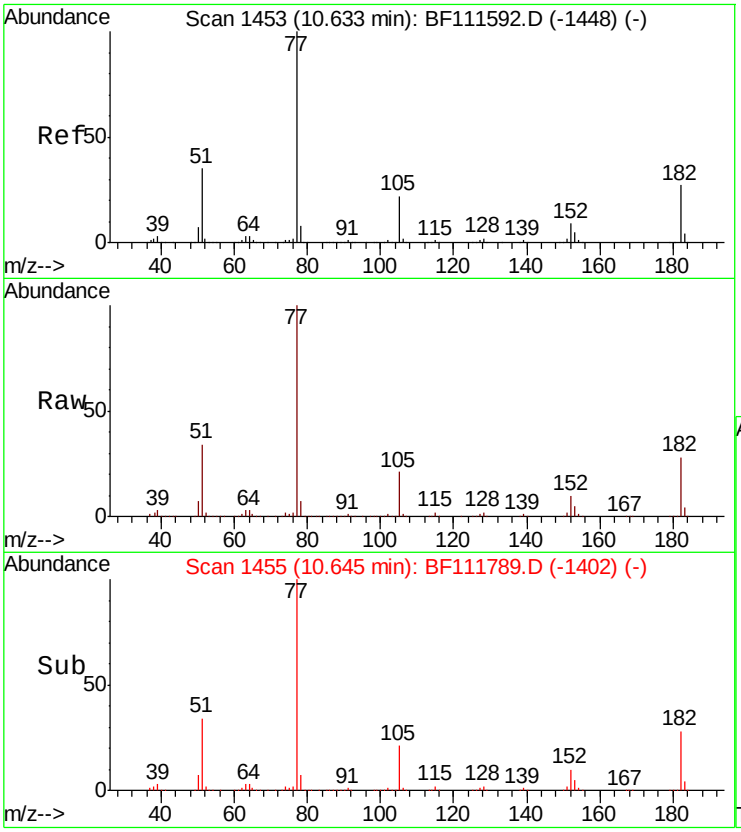


#62
4-Nitroaniline
Concen: 50.323 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:138 Resp: 241634

Ion	Ratio	Lower	Upper
138	100		
92	53.0	29.9	69.9
108	81.5	43.2	83.2



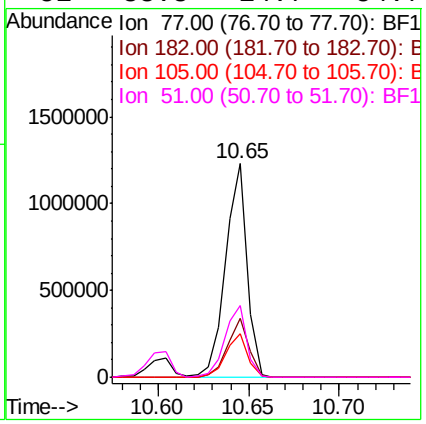


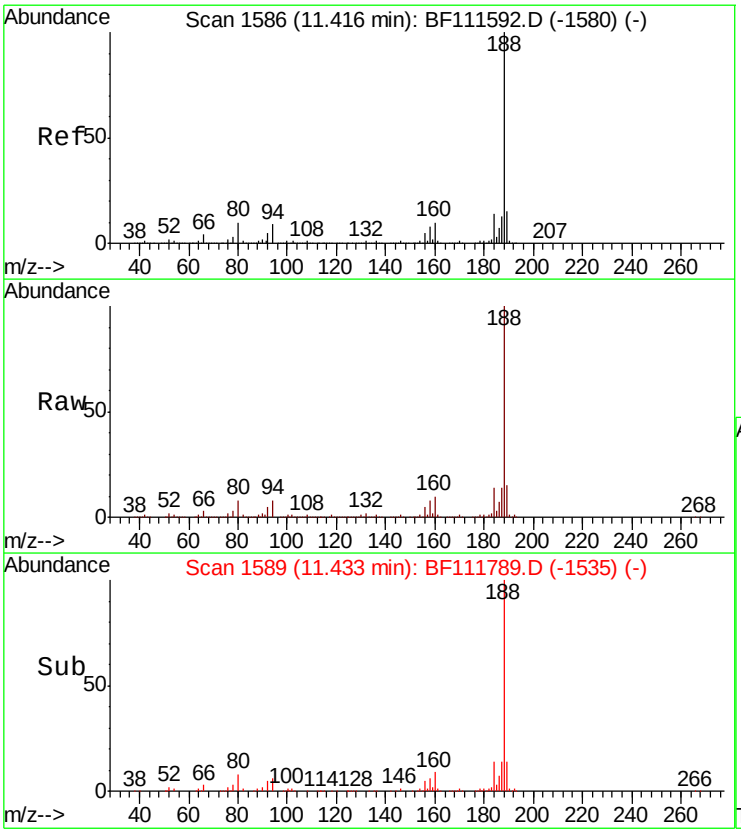
#63
Azobenzene
Concen: 44.490 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion: 77 Resp: 1017846

Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.9	44.9
105	20.6	6.0	46.0
51	33.8	14.7	54.7

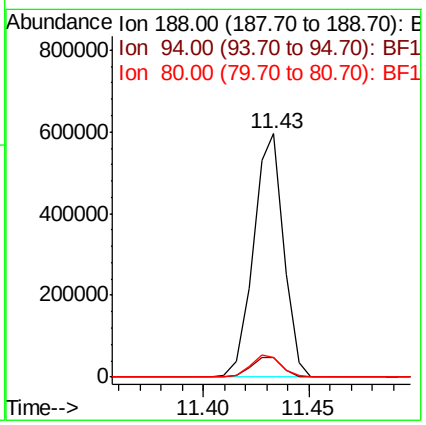


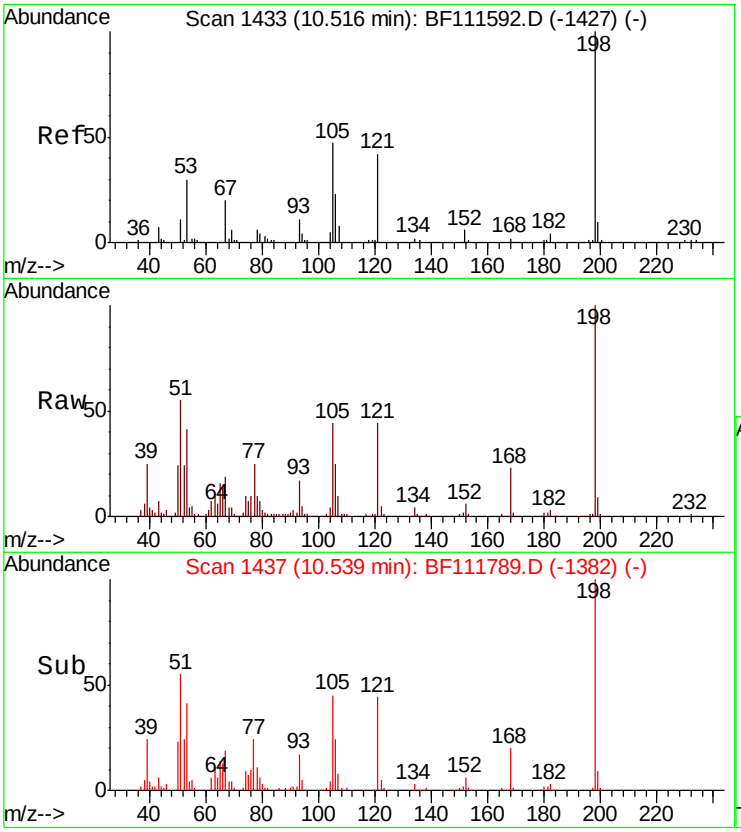


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:188 Resp: 593697

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.6	14.4#
80	8.3	9.8	14.6#



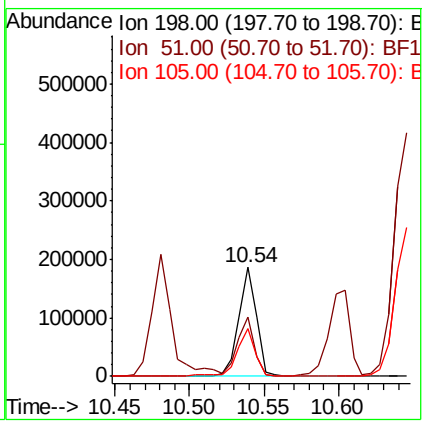


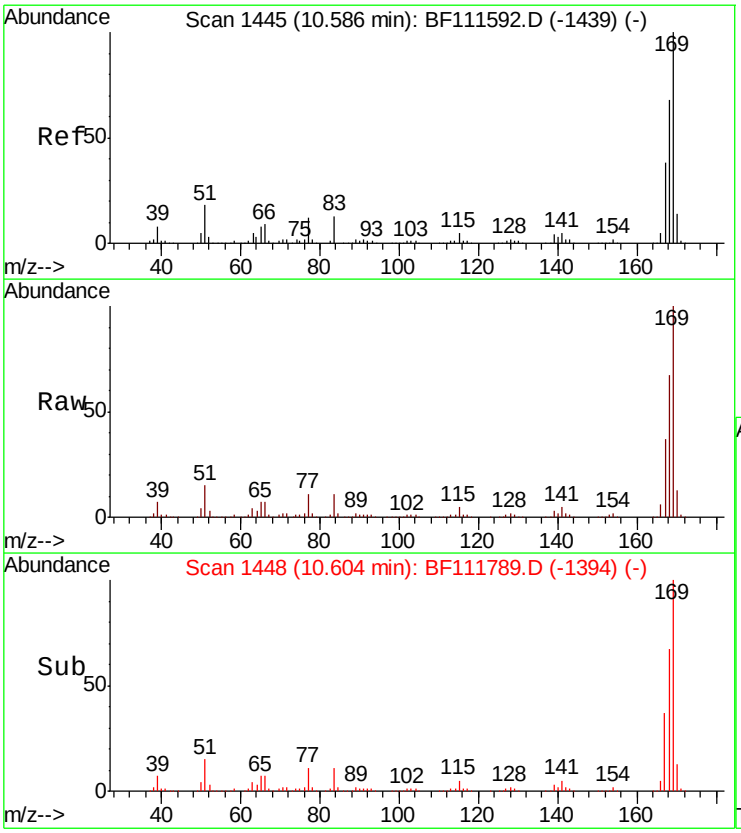
#65
4,6-Dinitro-2-methylphenol
Concen: 60.841 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:198 Resp: 154390

Ion	Ratio	Lower	Upper
198	100		
51	54.9	48.0	88.0
105	44.4	34.0	74.0

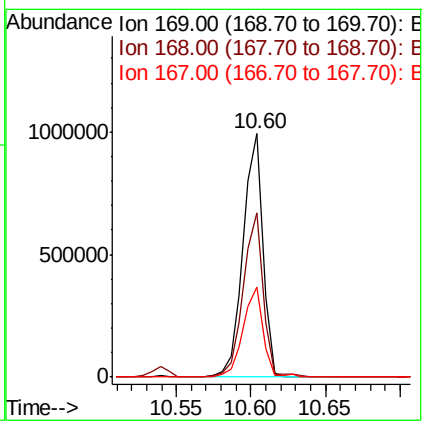


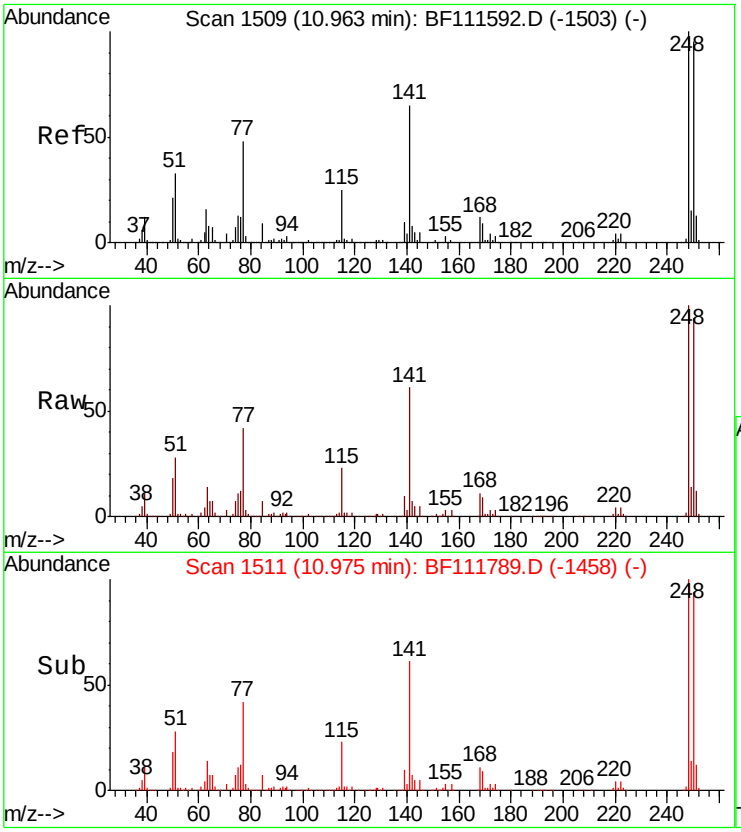


#66
n-Nitrosodiphenylamine
Concen: 45.836 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:169 Resp: 913483

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.0	30.5	45.7



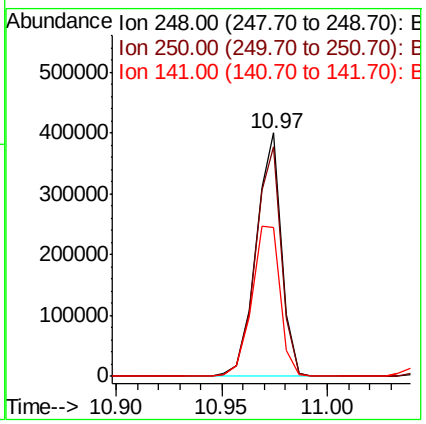


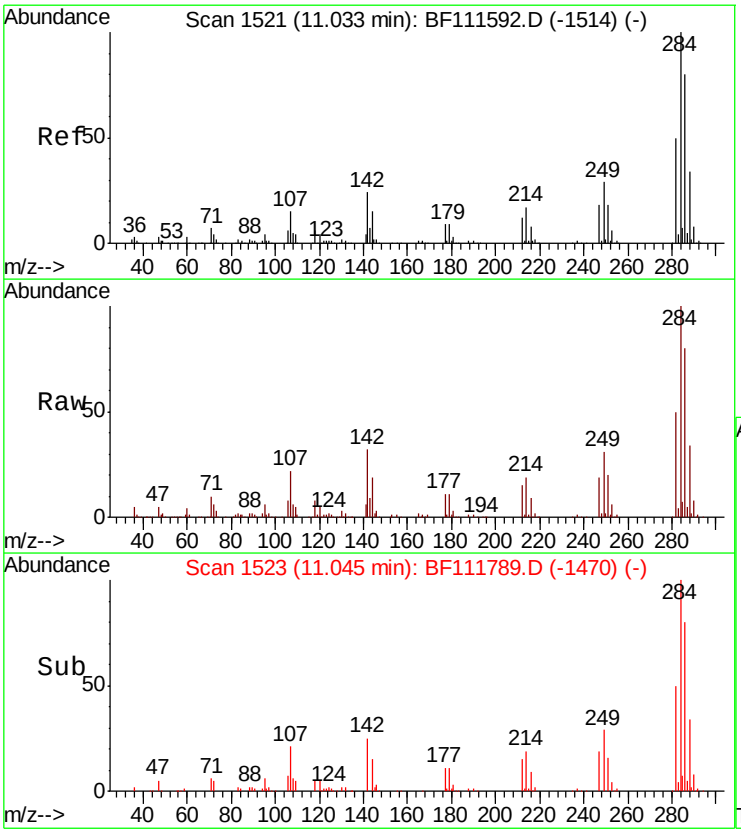
#67
4-Bromophenyl-phenylether
Concen: 45.454 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:248 Resp: 334713

Ion	Ratio	Lower	Upper
248	100		
250	94.1	77.0	115.4
141	61.3	63.0	94.6#

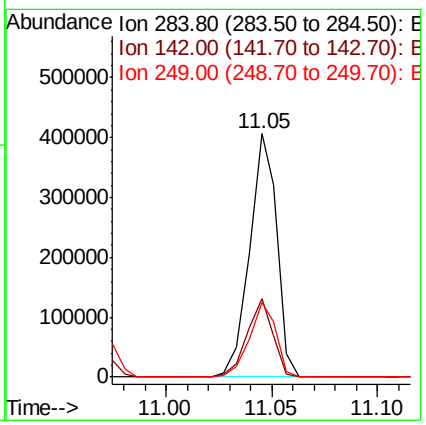


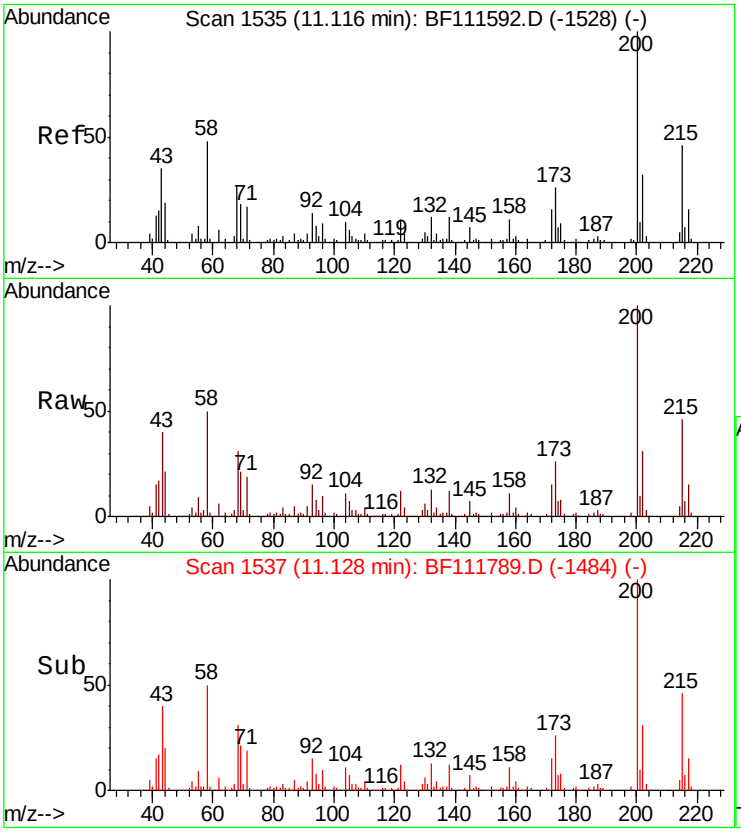


#68
Hexachlorobenzene
Concen: 44.454 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:284 Resp: 364989

Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.4	41.2
249	30.8	24.4	36.6



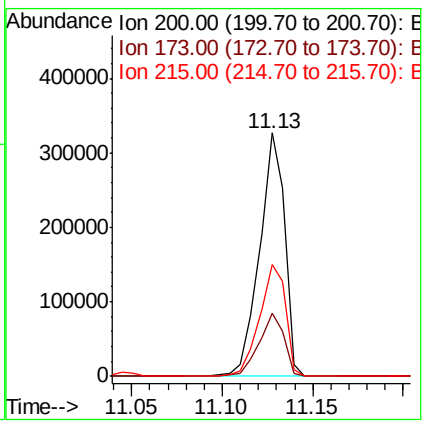


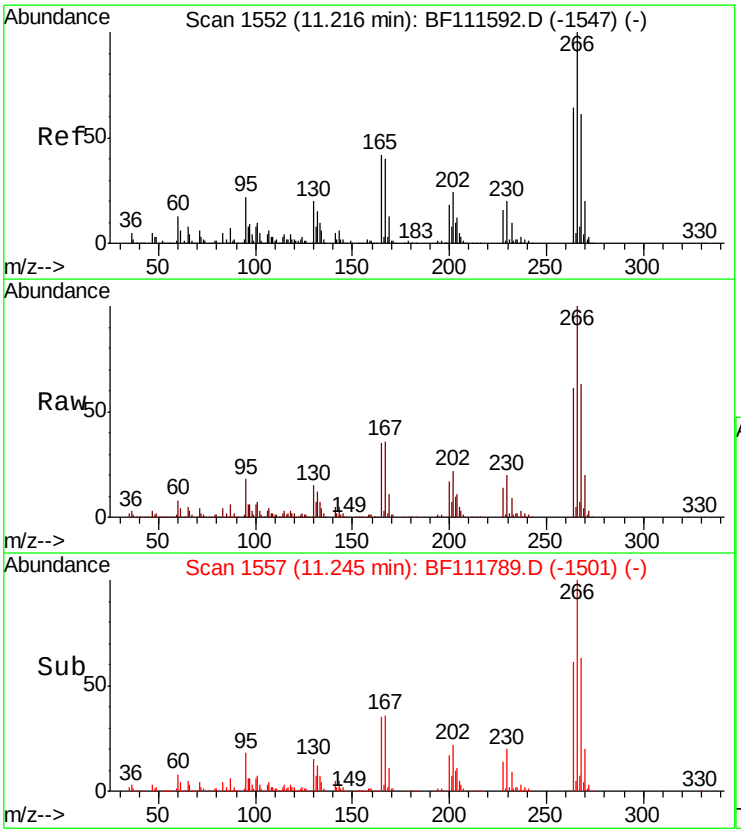
#69
Atrazine
Concen: 45.505 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:200 Resp: 315057

Ion	Ratio	Lower	Upper
200	100		
173	25.8	10.1	50.1
215	45.9	26.9	66.9

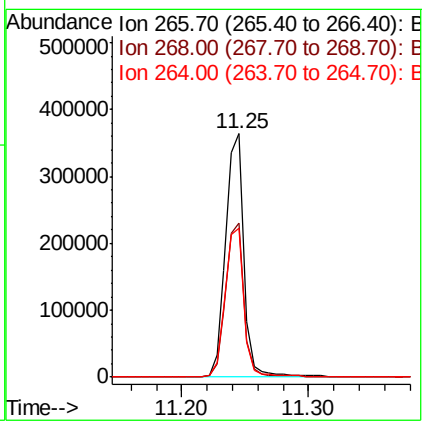


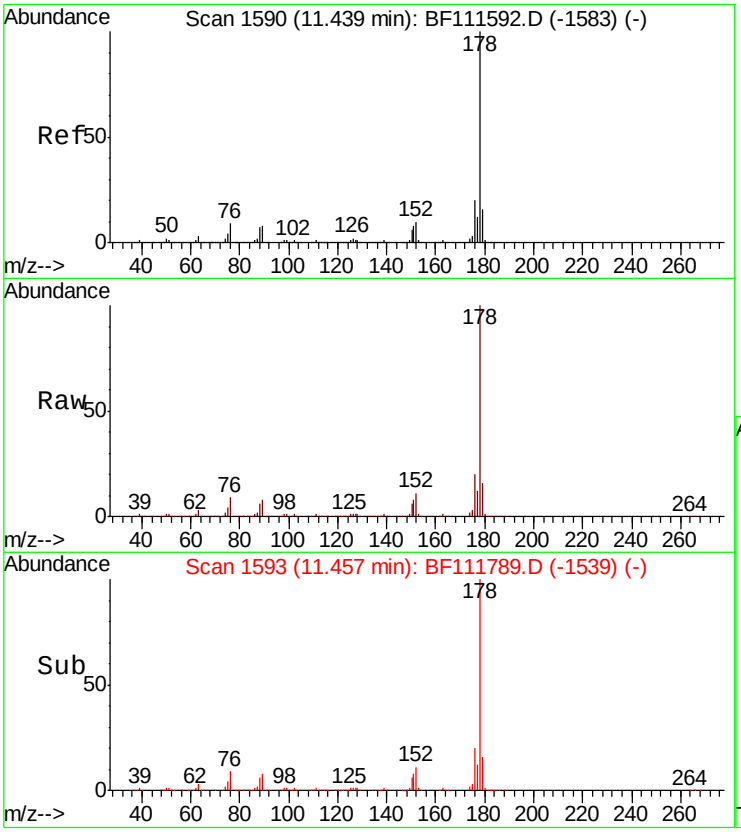


#70
Pentachlorophenol
Concen: 71.598 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.03 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:266 Resp: 363419

Ion	Ratio	Lower	Upper
266	100		
268	63.3	47.9	71.9
264	61.3	49.1	73.7



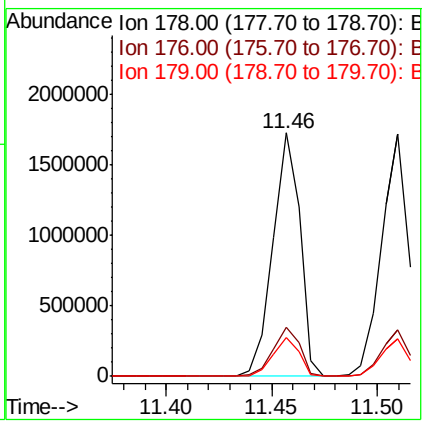


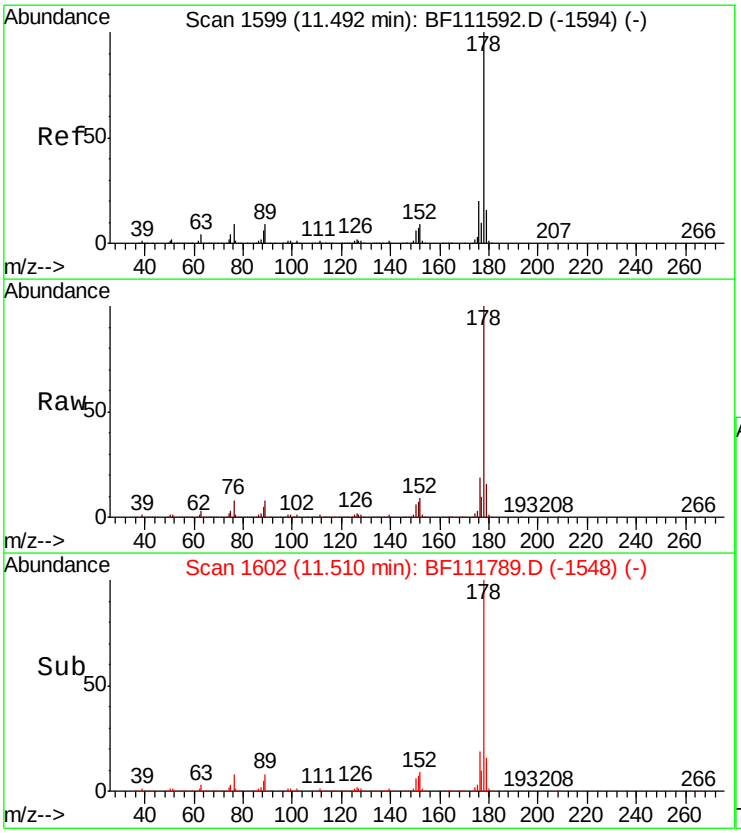
#71
Phenanthrene
Concen: 48.934 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:178 Resp: 1540726

Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.1	27.1
179	15.7	14.0	21.0

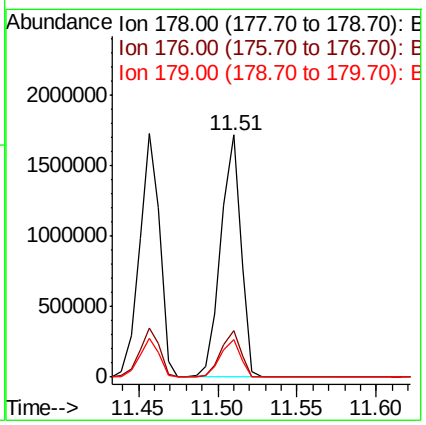


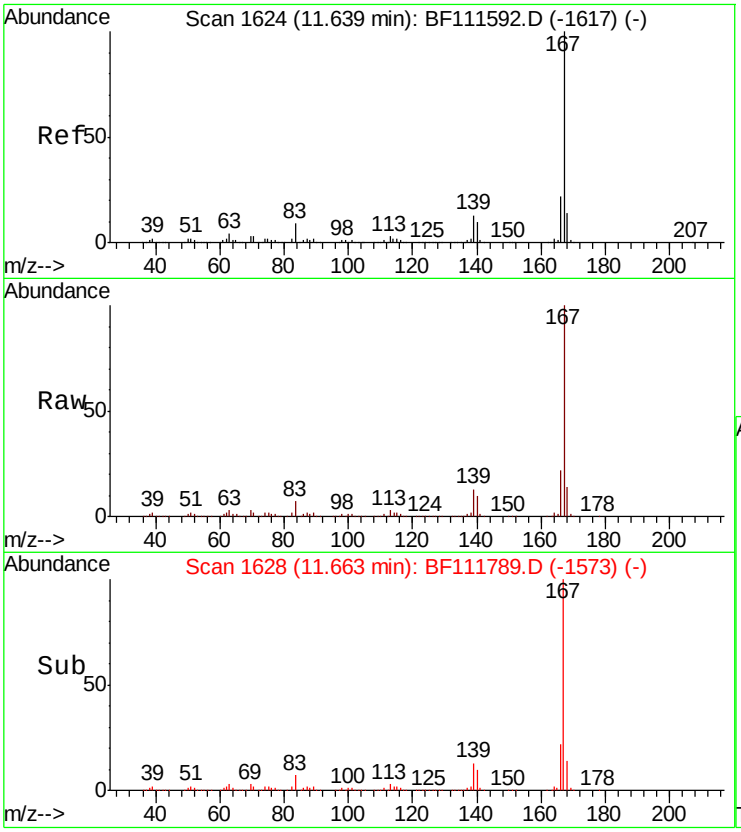


#72
Anthracene
Concen: 48.006 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:178 Resp: 1517170

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	15.8	13.8	20.8



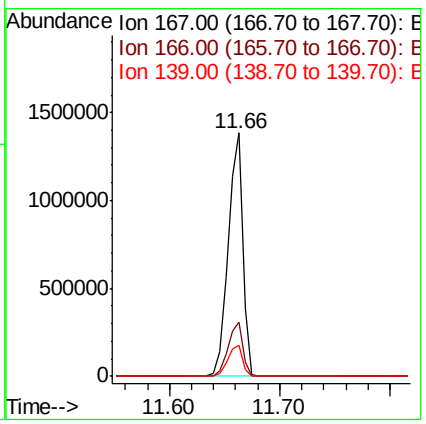


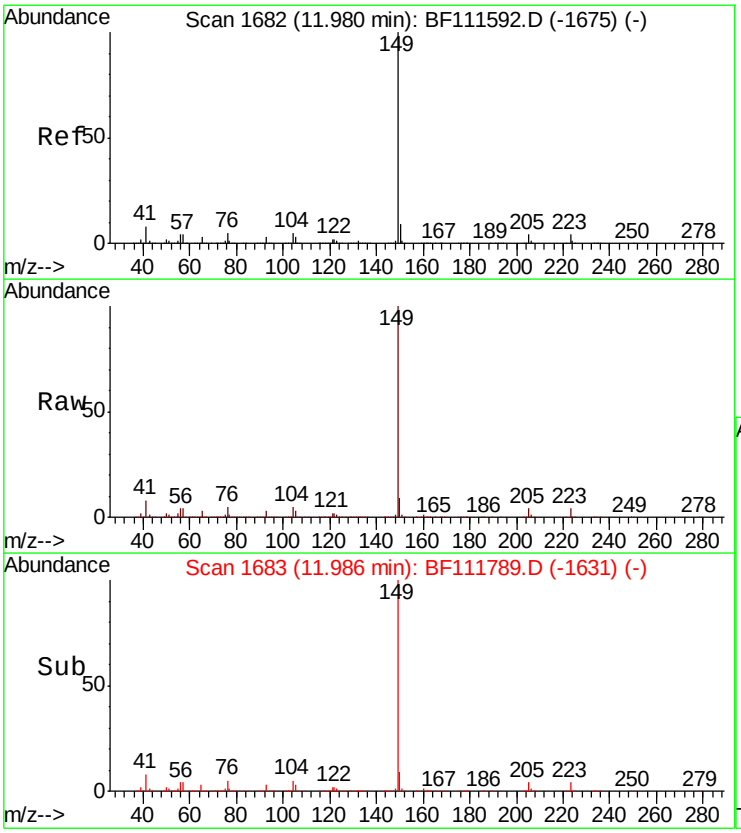
#73
Carbazole
Concen: 42.159 ng
RT: 11.66 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:167 Resp: 1293564

Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	12.9	11.9	17.9

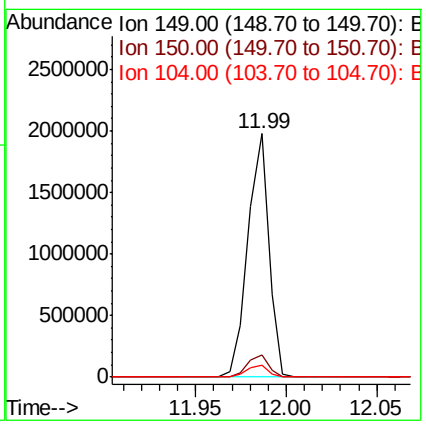


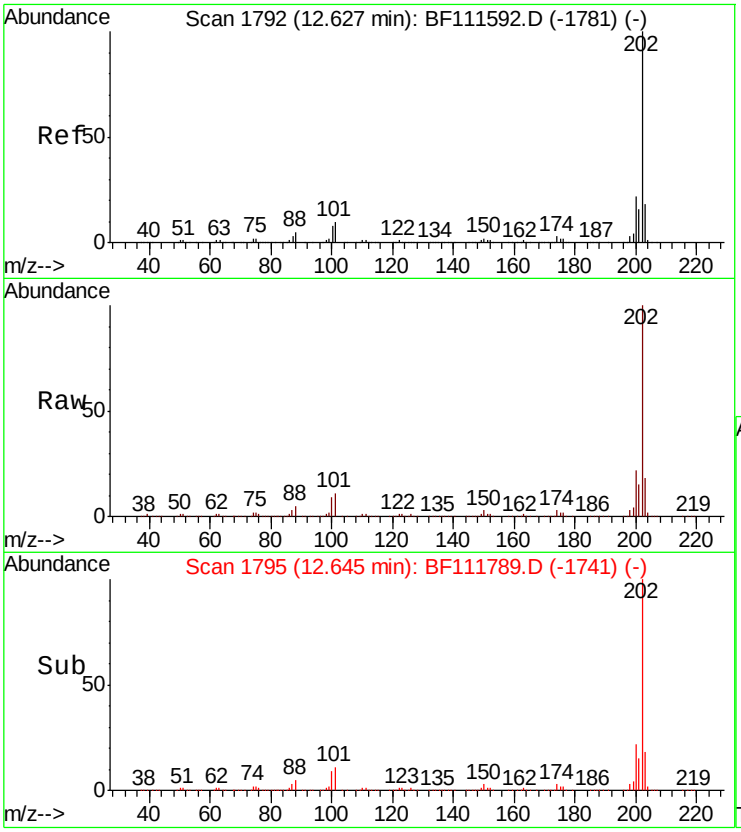


#74
Di-n-butylphthalate
Concen: 46.597 ng
RT: 11.99 min Scan# 1683
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:149 Resp: 1603034

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	5.1	4.5	6.7



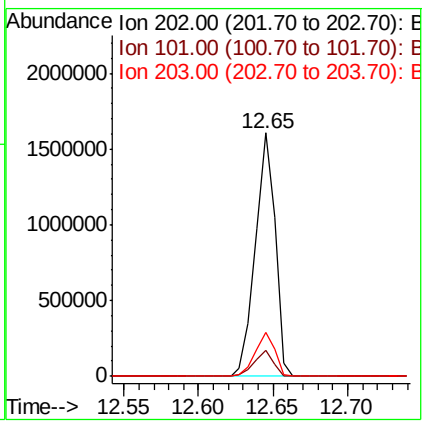


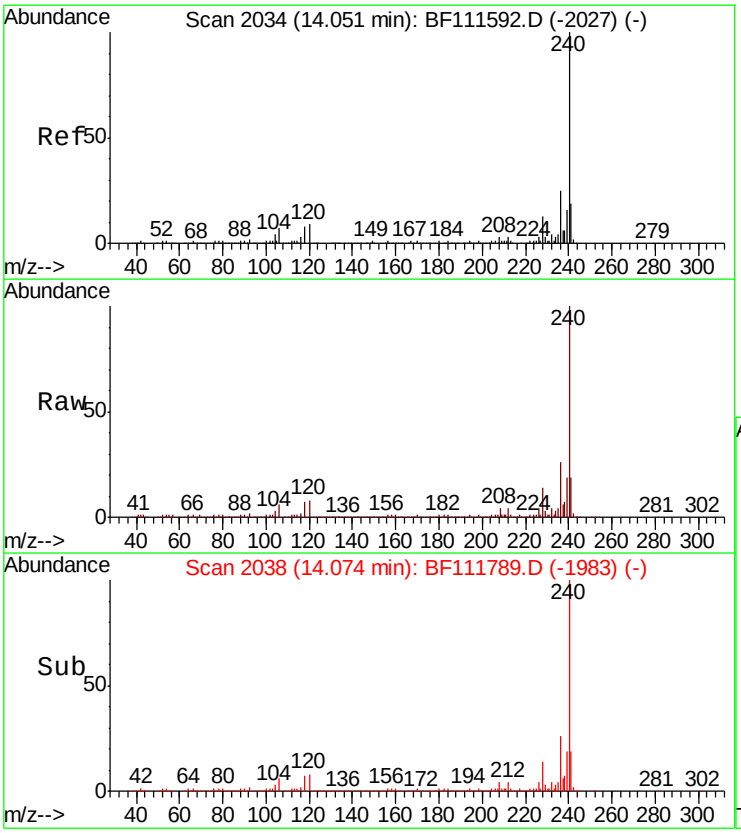
#75
Fluoranthene
Concen: 45.841 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:202 Resp: 1461603

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.8
203	17.9	0.0	38.6

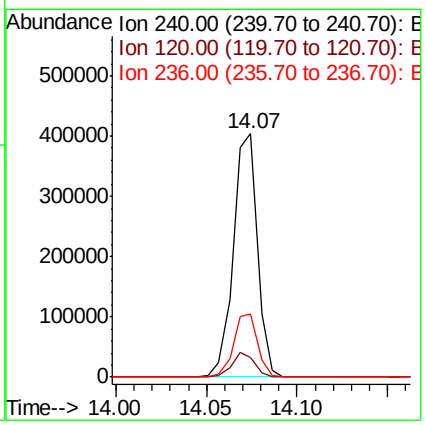


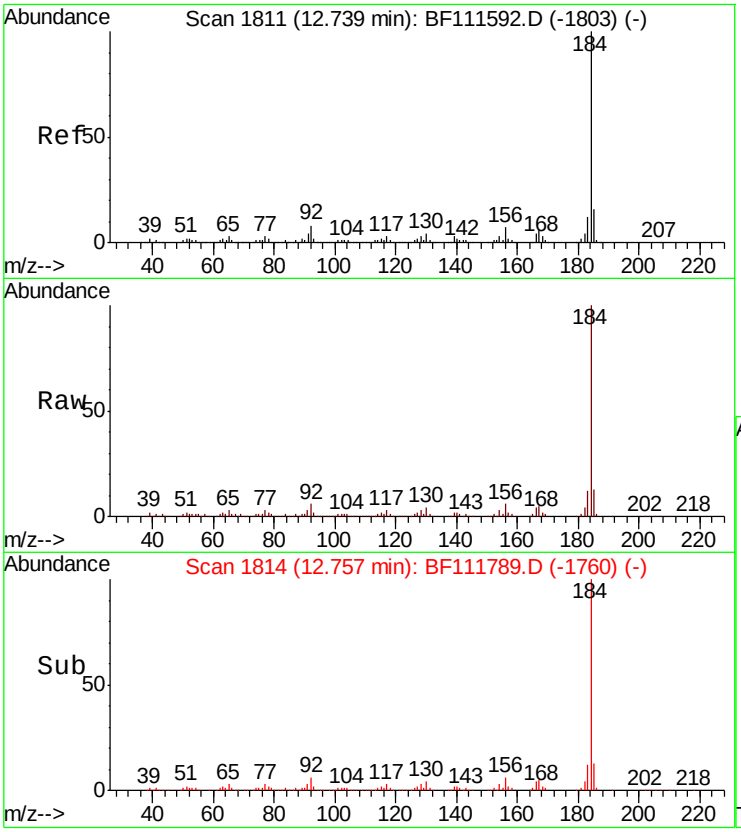


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:240 Resp: 372745

Ion	Ratio	Lower	Upper
240	100		
120	8.3	12.2	18.2#
236	26.0	20.2	30.2



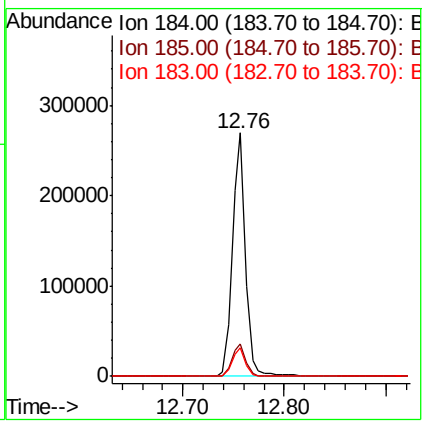


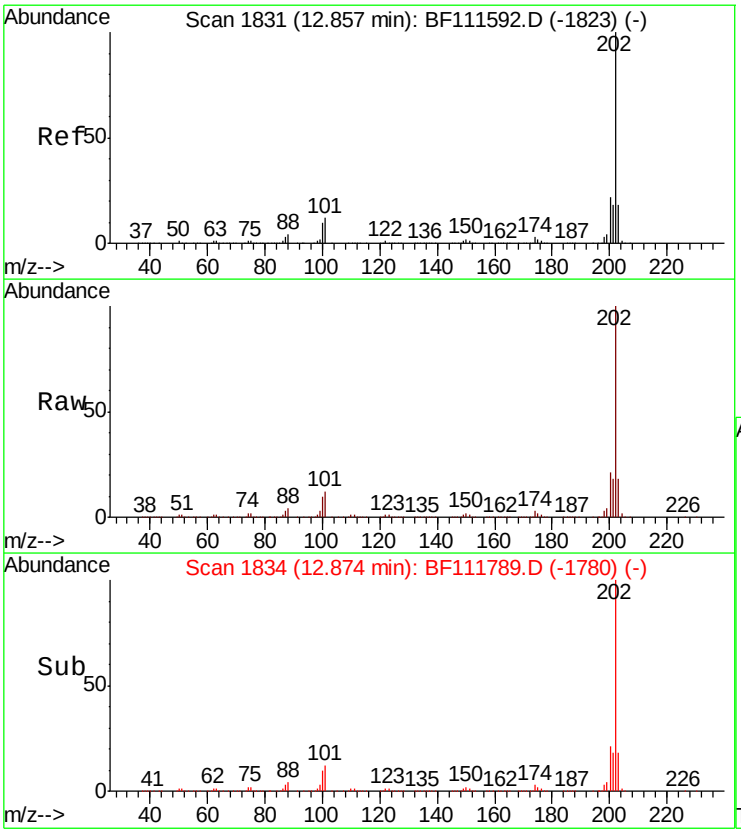
#77
Benzidine
Concen: 17.204 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:184 Resp: 241303

Ion	Ratio	Lower	Upper
184	100		
185	13.4	13.0	19.6
183	11.5	9.3	13.9

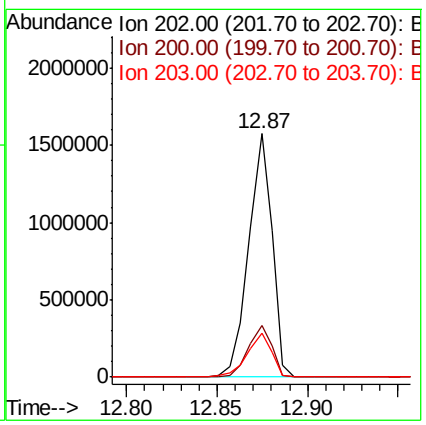


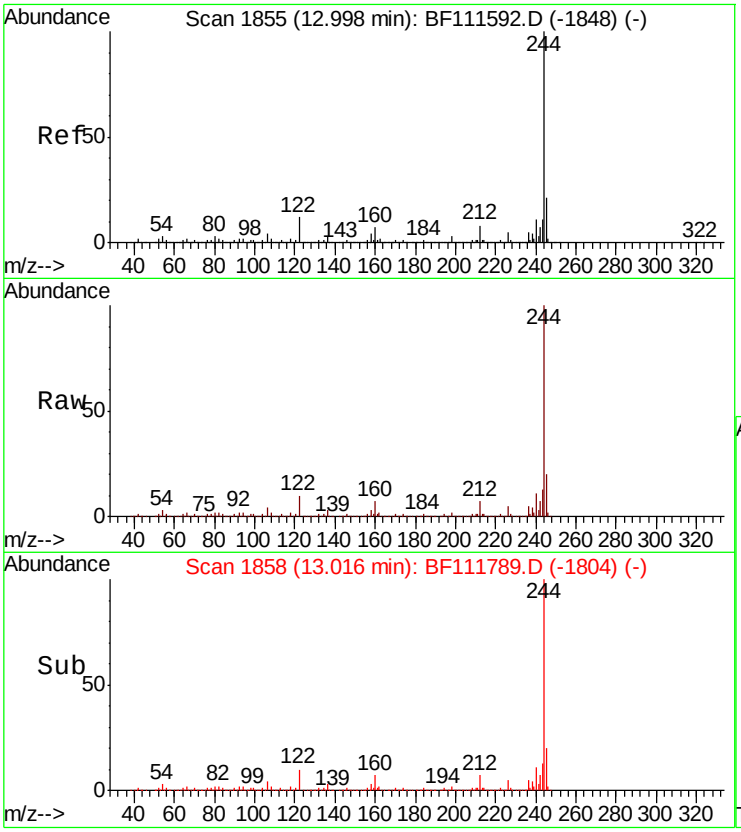


#78
Pyrene
Concen: 53.747 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:202 Resp: 1414741

Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.4
203	18.0	15.2	22.8



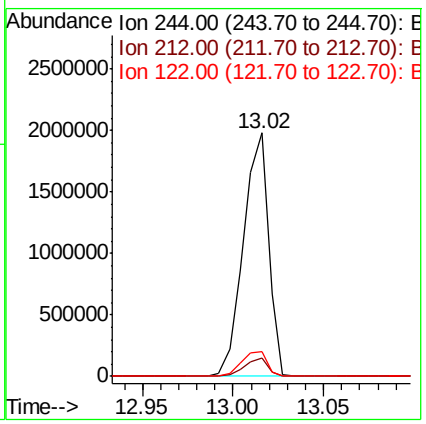


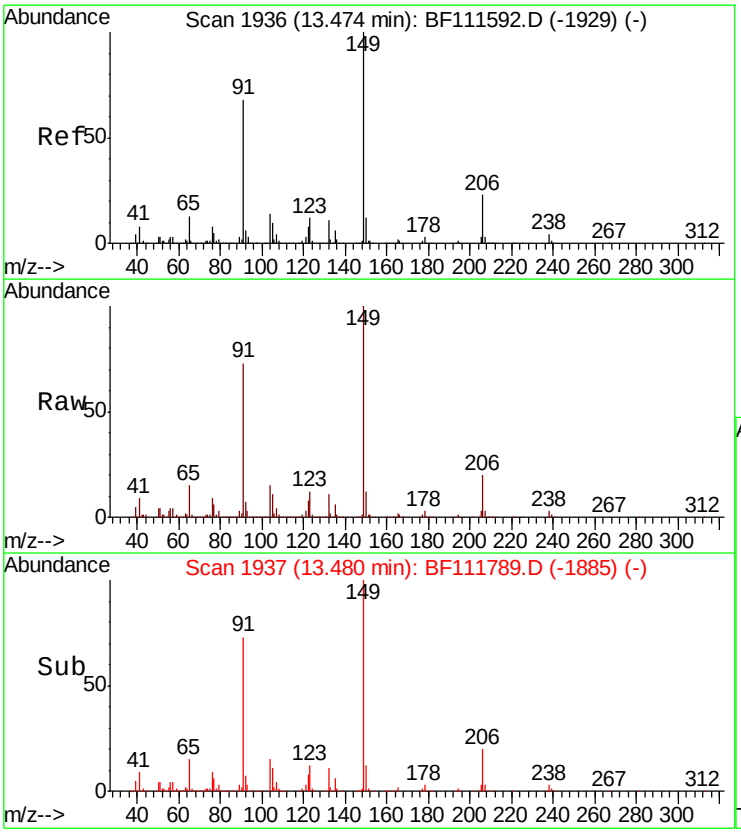
#79
Terphenyl-d14
Concen: 97.747 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:244 Resp: 1921234

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.3	13.1	19.7#

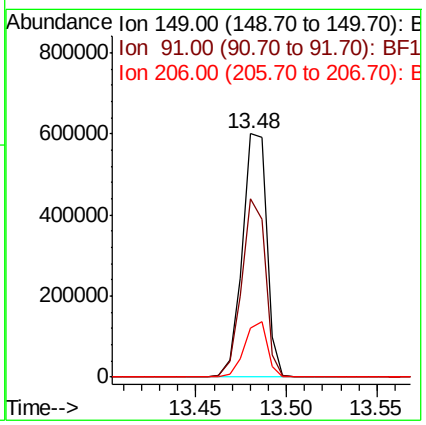


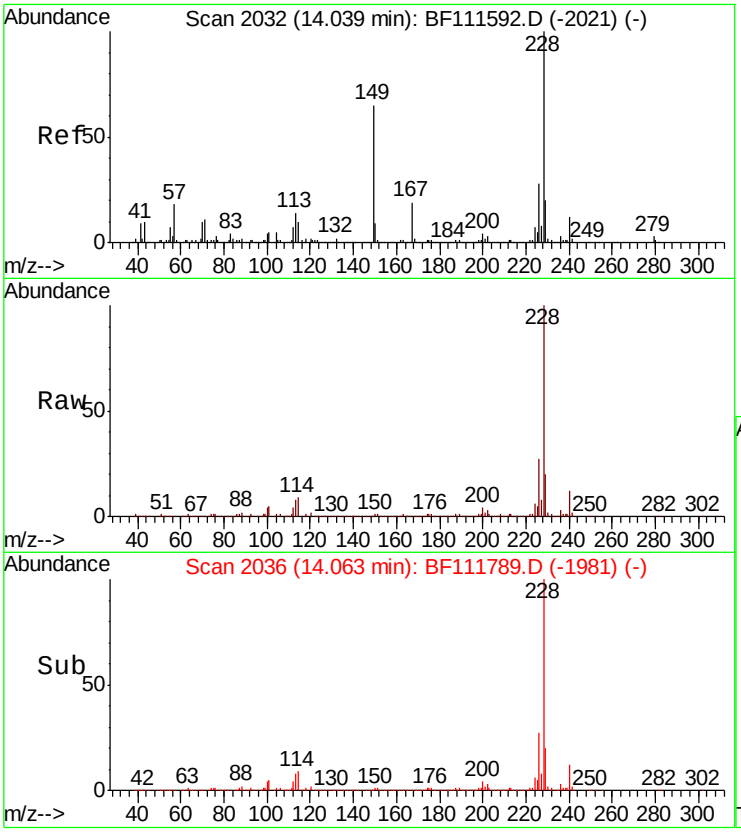


#80
Butylbenzylphthalate
Concen: 52.285 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:149 Resp: 560999

Ion	Ratio	Lower	Upper
149	100		
91	73.1	63.8	95.6
206	20.1	15.1	22.7



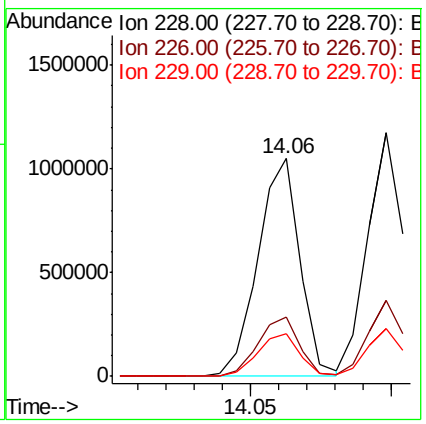


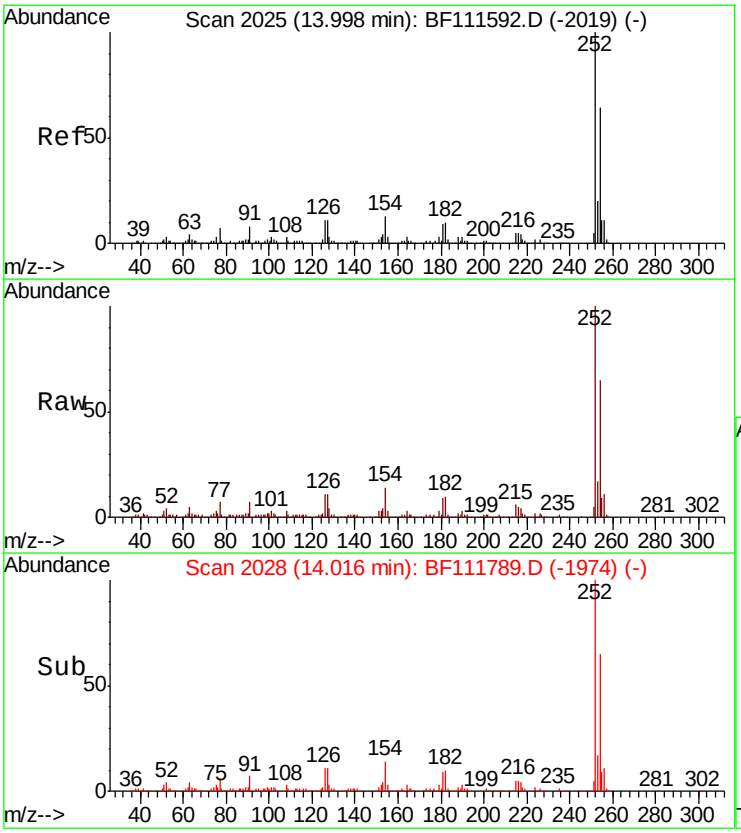
#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:228 Resp: 1080715

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.6	16.3	24.5

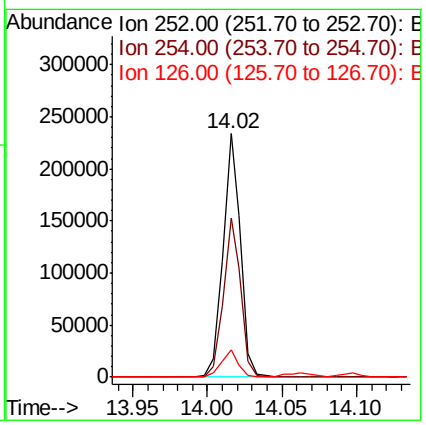


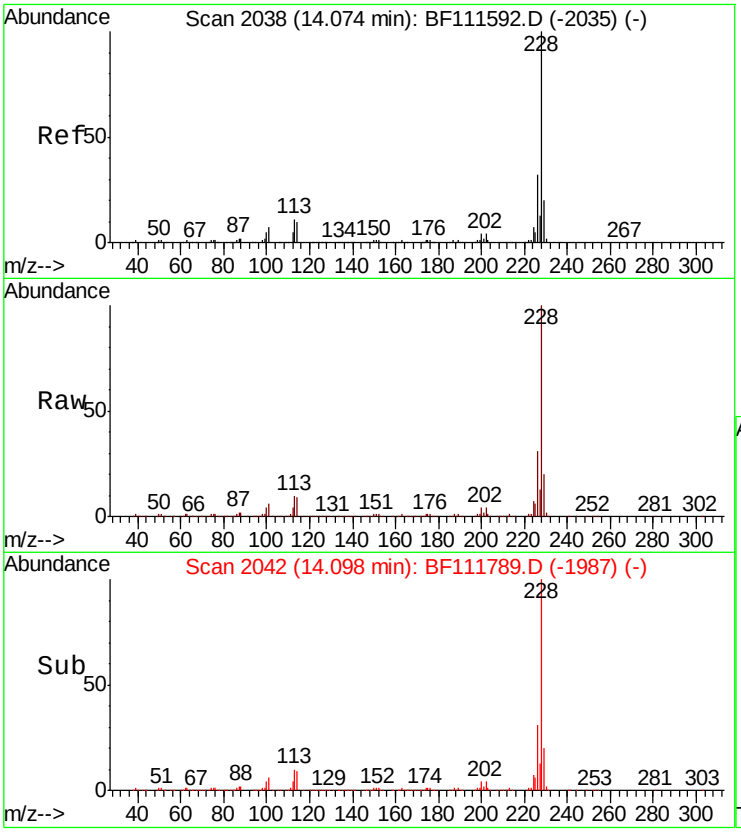


#82
3,3'-Dichlorobenzidine
Concen: 22.982 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:252 Resp: 193165

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.7	79.1
126	11.1	11.1	16.7#



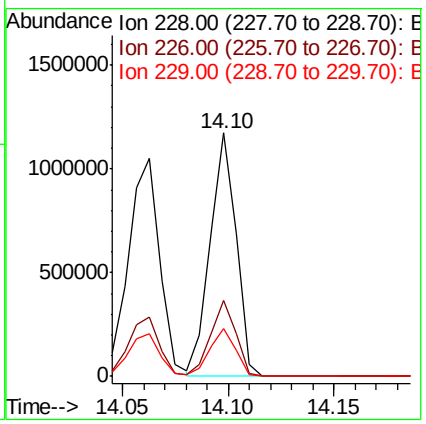


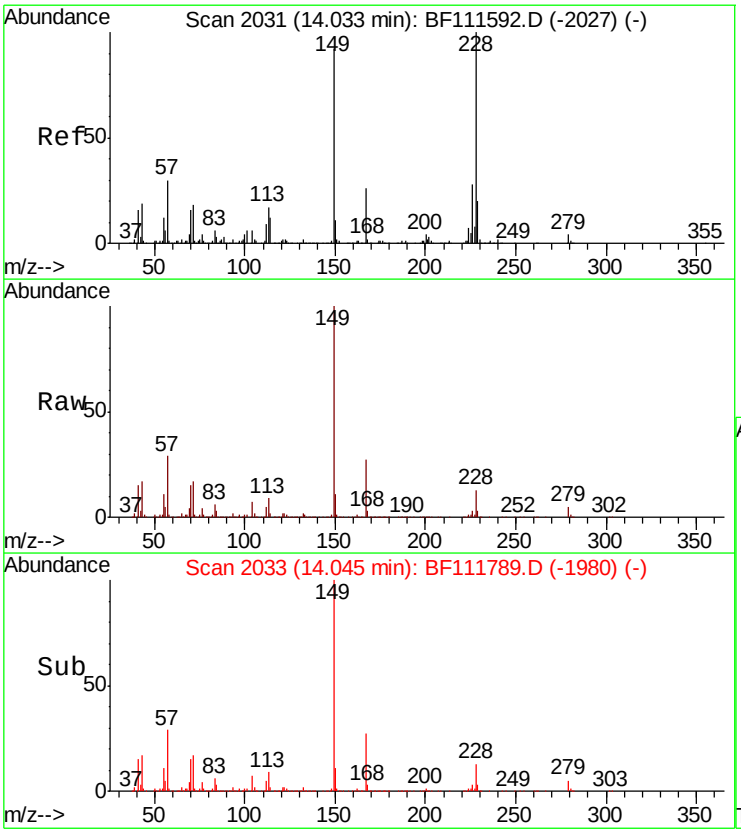
#83
Chrysene
Concen: 48.266 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:228 Resp: 1009130

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	19.8	17.2	25.8

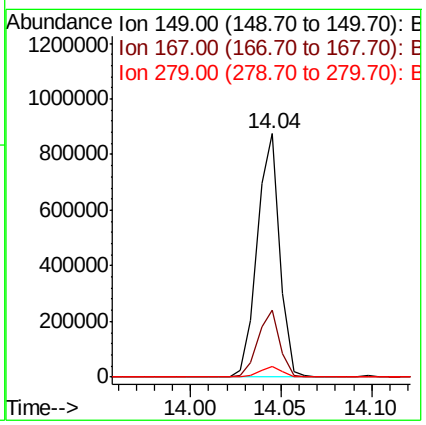


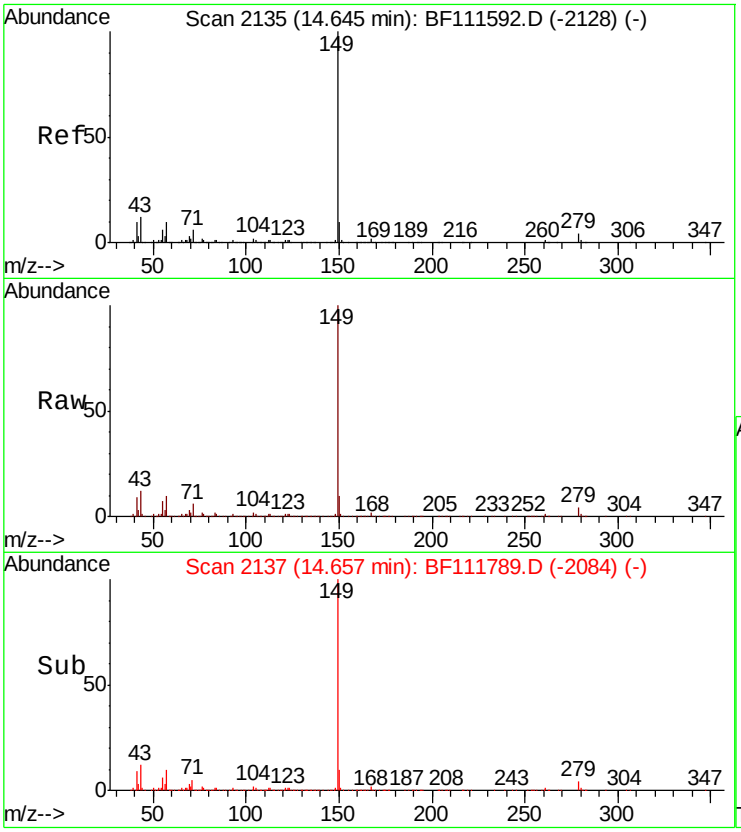


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.527 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:149 Resp: 750454

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.6	2.6	4.0#



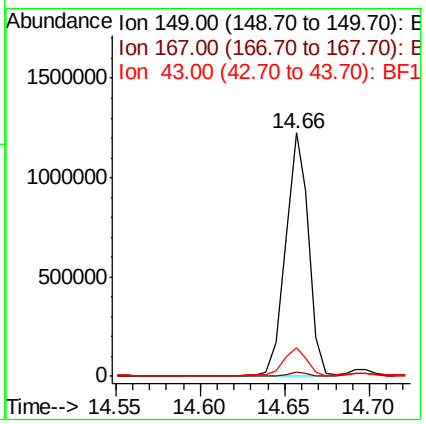


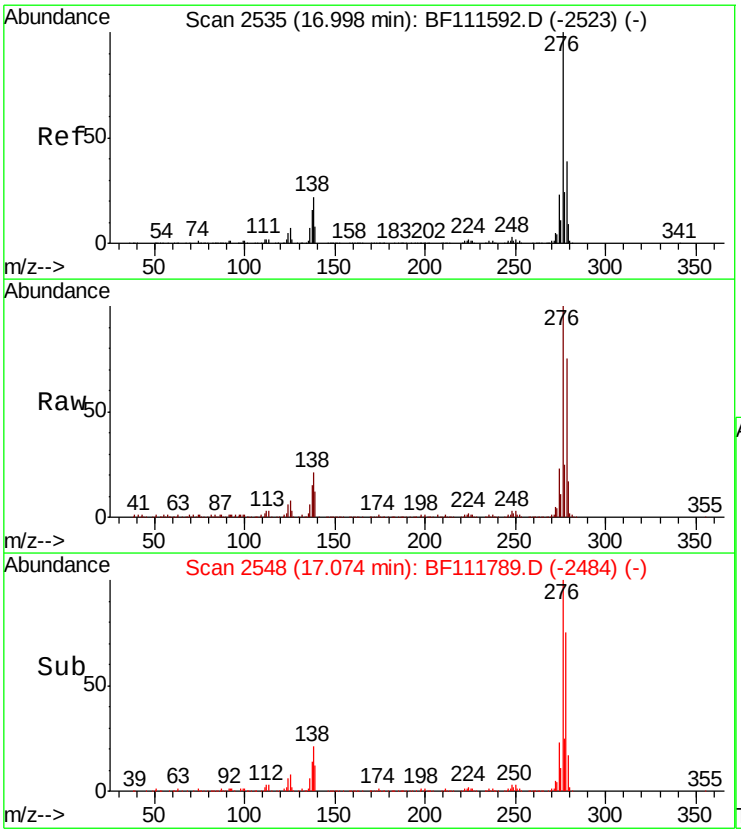
#85
Di-n-octyl phthalate
Concen: 55.070 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:149 Resp: 1153148

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.4	10.9	16.3

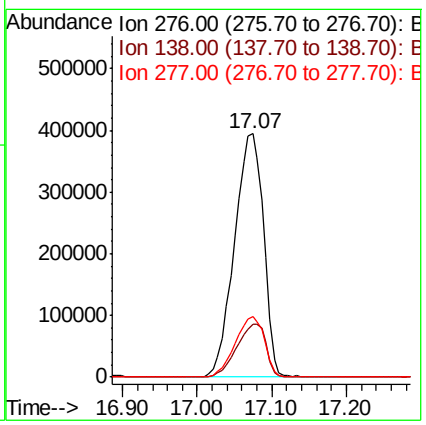


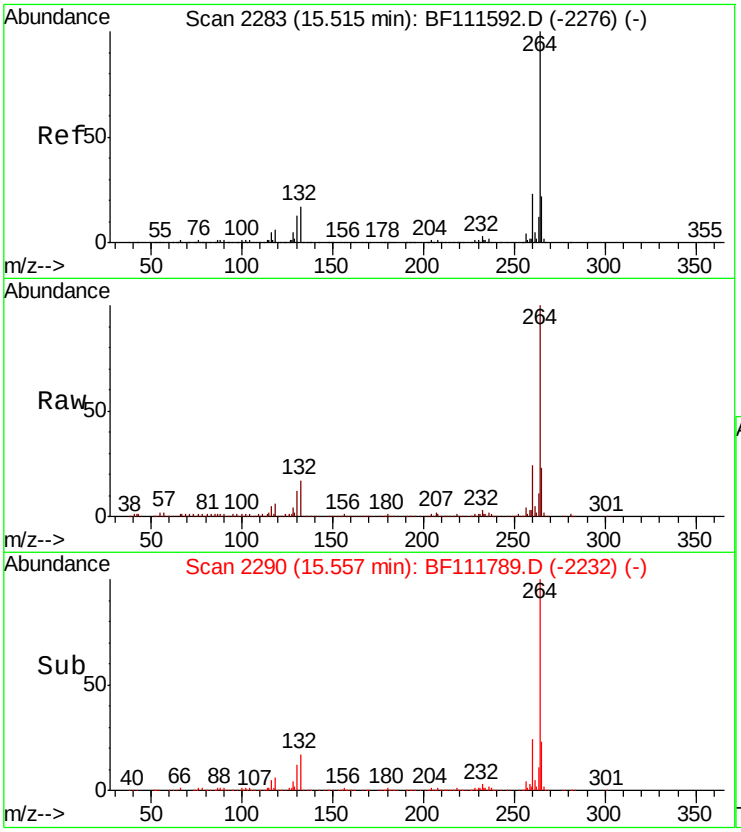


#86
Indeno(1,2,3-cd)pyrene
Concen: 60.134 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.08 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:276 Resp: 1068791

Ion	Ratio	Lower	Upper
276	100		
138	22.0	27.8	41.6#
277	25.0	20.1	30.1



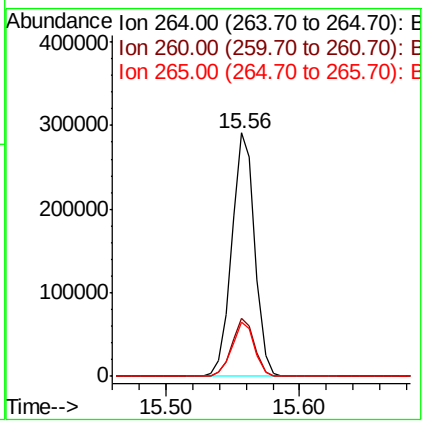


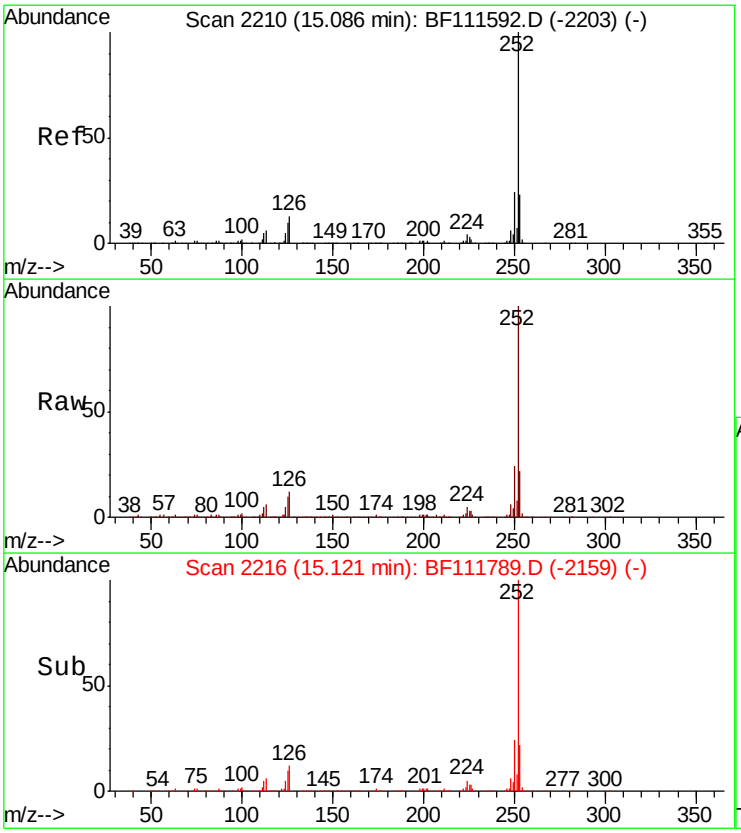
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:264 Resp: 349872

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.5	17.7	26.5

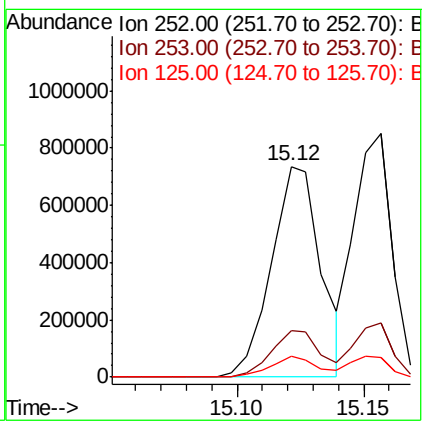


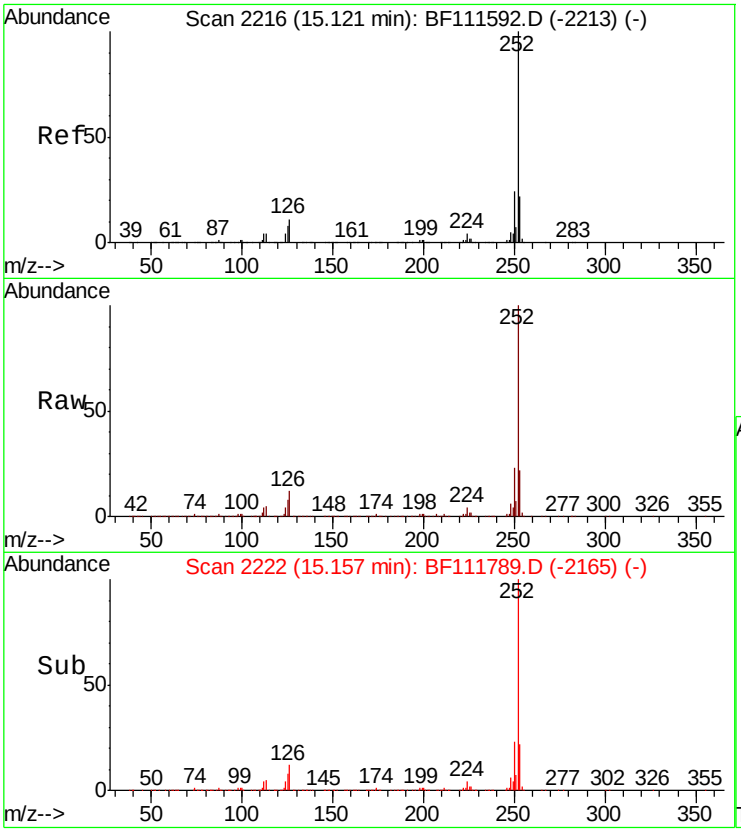


#88
Benzo(b)fluoranthene
Concen: 49.130 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:252 Resp: 1004617

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.7	10.4	15.6#



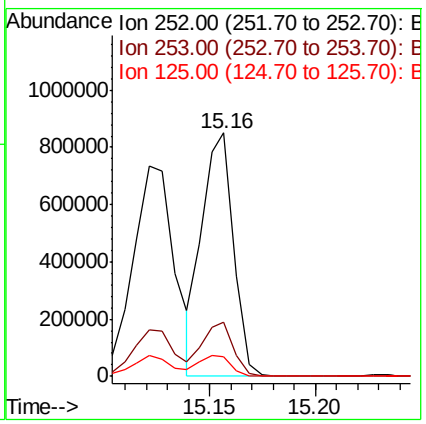


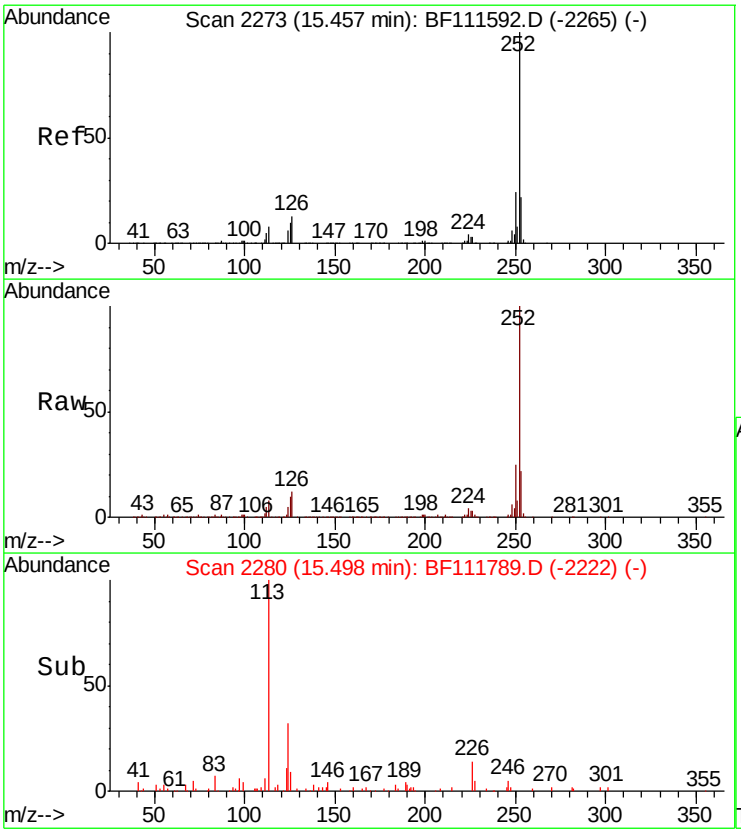
#89
Benzo(k)fluoranthene
Concen: 45.270 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:252 Resp: 881267

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.1	9.8	14.8#

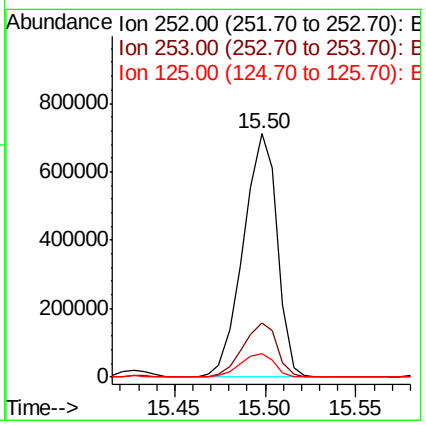


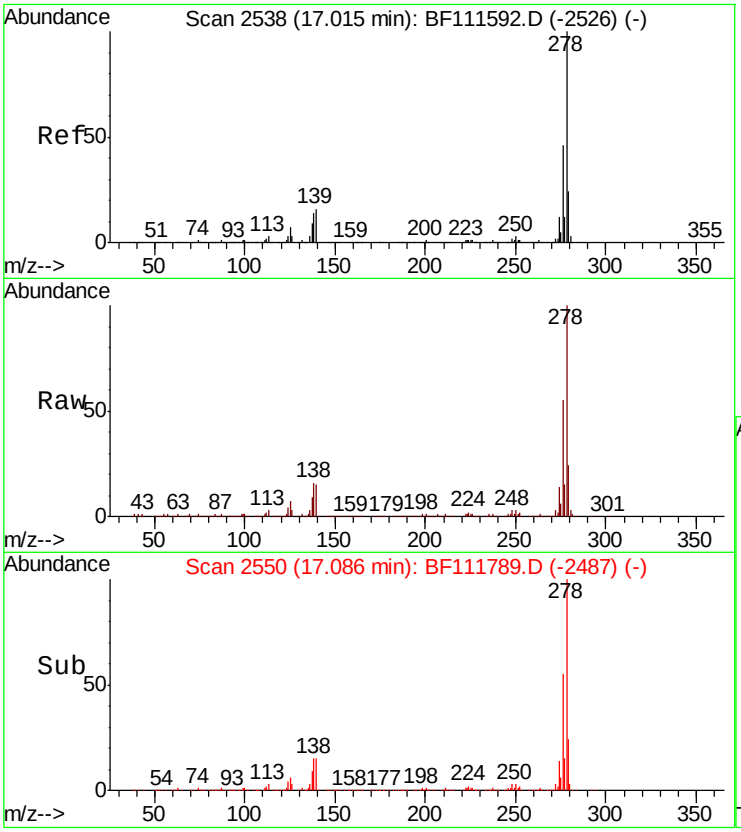


#90
Benzo(a)pyrene
Concen: 49.944 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:252 Resp: 927806

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.8	12.3	18.5#



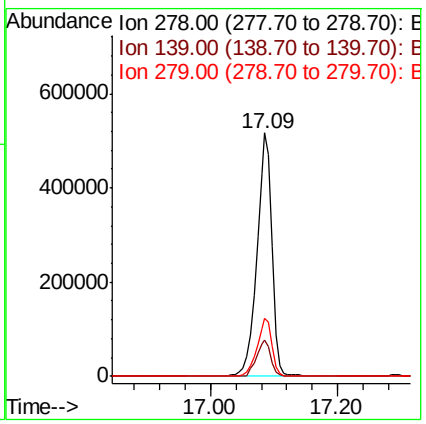


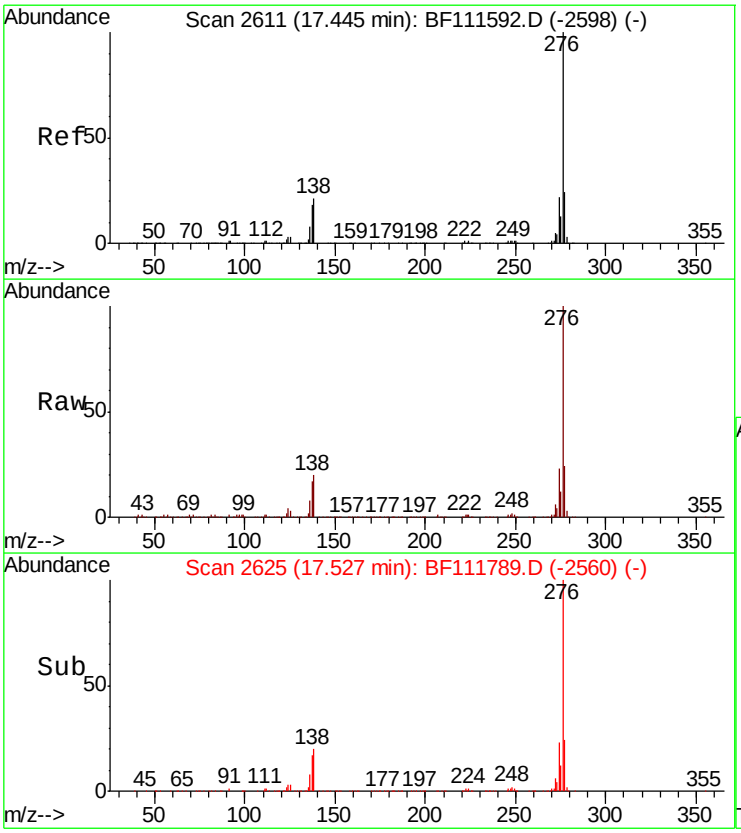
#91
Dibenzo(a,h)anthracene
Concen: 53.578 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.07 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Tgt Ion:278 Resp: 871587

Ion	Ratio	Lower	Upper
278	100		
139	14.9	18.2	27.4#
279	24.0	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 54.885 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.08 min
Lab File: BF111789.D
Acq: 28 Dec 2018 15:30

Tgt Ion:276 Resp: 871833

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	19.6	24.9	37.3#