Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113581.D
Acq On : 4 Apr 2019 14:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 03:50:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	161114	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	652224	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	336005	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	681984	20.00	ng	0.00
76) Chrysene-d12	13.83	240	512590	20.00	ng	-0.02
87) Perylene-d12	15.22	264	415010	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	760370	80.48	ng	0.00
7) Phenol-d6	6.34	99	961668	82.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	908289	81.57	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	330894	81.98	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1659681	79.52	ng	0.00
79) Terphenyl-d14	12.77	244	1911719	75.93	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	172597	38.570	ng	99
3) Pyridine	3.03	79	455990	38.937	ng	98
4) n-Nitrosodimethylamine	2.99	42	206157	41.432	ng	92
6) Aniline	6.35	93	602924	42.715	ng	90
8) 2-Chlorophenol	6.47	128	448703	41.047	ng	96
9) Benzaldehyde	6.23	77	284954	41.154	ng	98
10) Phenol	6.35	94	545246	40.997	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	428680	41.436	ng	99
12) 1,3-Dichlorobenzene	6.62	146	479123	40.699	ng	99
13) 1,4-Dichlorobenzene	6.70	146	483294	40.626	ng	99
14) 1,2-Dichlorobenzene	6.86	146	442545	41.213	ng	97
15) Benzyl Alcohol	6.84	79	340903	43.296	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	663190	41.183	ng	97
17) 2-Methylphenol	6.96	107	350444	41.367	ng	97
18) Hexachloroethane	7.19	117	174909	40.394	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	300751	41.883	ng	100
20) 3+4-Methylphenols	7.11	107	433944	42.276	ng	96
22) Acetophenone	7.10	105	578747	40.401	ng	99
24) Nitrobenzene	7.27	77	467562	40.775	ng	100
25) Isophorone	7.52	82	895856	41.765	ng	99
26) 2-Nitrophenol	7.59	139	258491	41.884	ng	98
27) 2,4-Dimethylphenol	7.63	122	352655	39.970	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	556722	41.053	ng	99
29) 2,4-Dichlorophenol	7.83	162	392950	41.626	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	417961	40.771	ng	99
31) Naphthalene	7.99	128	1281256	40.544	ng	99
32) Benzoic acid	7.80	122	294077	43.044	ng	99
33) 4-Chloroaniline	8.05	127	536522	42.817	ng	98
34) Hexachlorobutadiene	8.11	225	251855	40.297	ng	98
35) Caprolactam	8.43	113	138204	46.120	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	407836	43.037	ng	99
37) 2-Methylnaphthalene	8.68	142	856061	41.188	ng	100
38) 1-Methylnaphthalene	8.78	142	826175	41.223	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	423651	38.986	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113581.D
Acq On : 4 Apr 2019 14:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 03:50:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	115363	38.640	ng		100
43) 2,4,6-Trichlorophenol	8.96	196	275347	40.142	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	298281	40.505	ng		96
46) 1,1'-Biphenyl	9.15	154	1080113	38.956	ng		100
47) 2-Chloronaphthalene	9.17	162	824527	39.276	ng		99
48) 2-Nitroaniline	9.27	65	268299	41.767	ng		99
49) Acenaphthylene	9.58	152	1333319	39.058	ng		99
50) Dimethylphthalate	9.45	163	1017548	41.083	ng		100
51) 2,6-Dinitrotoluene	9.52	165	226707	41.525	ng		93
52) Acenaphthene	9.75	154	777368	39.782	ng		100
53) 3-Nitroaniline	9.68	138	263158	42.395	ng		91
54) 2,4-Dinitrophenol	9.80	184	108332	42.413	ng		94
55) Dibenzofuran	9.92	168	1133956	39.560	ng		99
56) 4-Nitrophenol	9.86	139	166712	43.296	ng		90
57) 2,4-Dinitrotoluene	9.92	165	272629	41.289	ng	#	86
58) Fluorene	10.26	166	903765	39.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	262834	41.233	ng		98
60) Diethylphthalate	10.15	149	976916	40.910	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	451507	40.489	ng		93
62) 4-Nitroaniline	10.30	138	271152	42.958	ng		98
63) Azobenzene	10.42	77	917402	40.574	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	154173	42.941	ng		92
66) n-Nitrosodiphenylamine	10.38	169	828631	39.578	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	307214	40.165	ng		100
68) Hexachlorobenzene	10.82	284	354289	40.425	ng	#	94
69) Atrazine	10.91	200	262115	39.720	ng		98
70) Pentachlorophenol	11.02	266	172098	41.673	ng		99
71) Phenanthrene	11.22	178	1340362	39.552	ng		99
72) Anthracene	11.27	178	1381047	40.055	ng		99
73) Carbazole	11.43	167	1328980	41.212	ng		99
74) Di-n-butylphthalate	11.76	149	1560221	40.672	ng		100
75) Fluoranthene	12.40	202	1495984	41.196	ng		99
77) Benzidine	12.53	184	855551	44.884	ng		99
78) Pyrene	12.63	202	1506167	38.617	ng		99
80) Butylbenzylphthalate	13.24	149	653361	41.153	ng		100
81) Benzo(a)anthracene	13.82	228	1200556	40.602	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	487431	42.798	ng		99
83) Chrysene	13.86	228	1202411	40.114	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	822576	42.853	ng		98
85) Di-n-octyl phthalate	14.42	149	1327433	42.544	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	920194	33.250	ng		99
88) Benzo(b)fluoranthene	14.83	252	1044464	41.115	ng		99
89) Benzo(k)fluoranthene	14.86	252	963364	42.254	ng		100
90) Benzo(a)pyrene	15.17	252	924803	40.968	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	765599	36.267	ng		99
92) Benzo(g,h,i)perylene	16.99	276	762452	35.386	ng		99

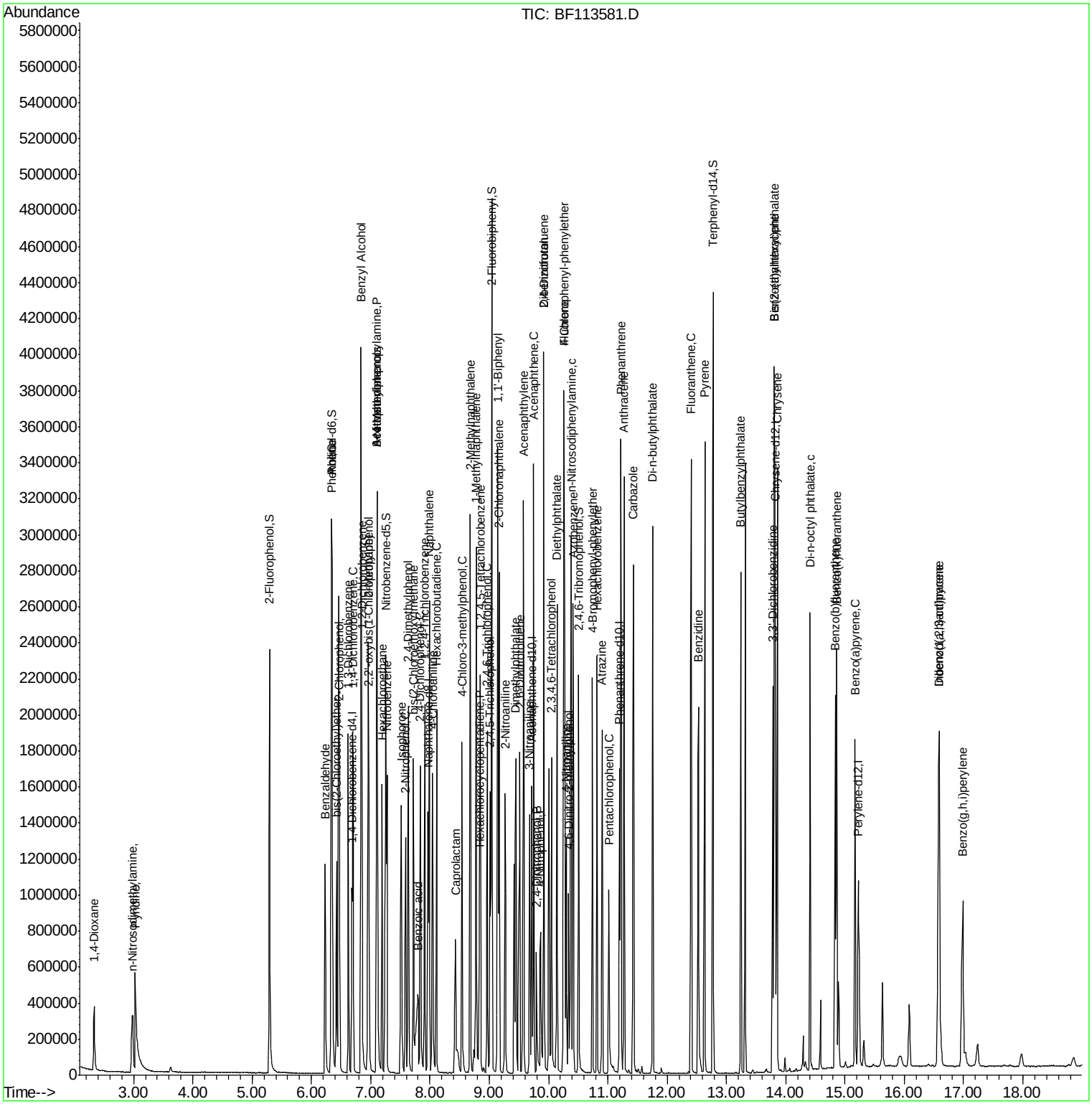
(#) = qualifier out of range (m) = manual integration (+) = signals summed

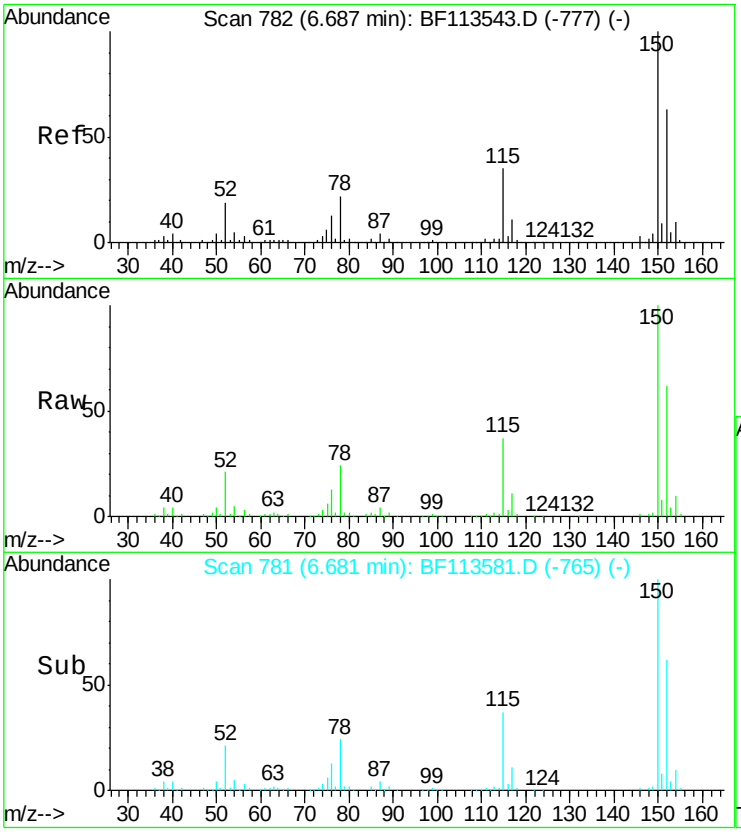
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113581.D
Acq On : 4 Apr 2019 14:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 05 03:50:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



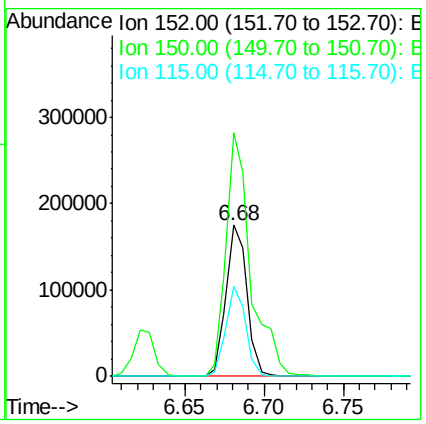


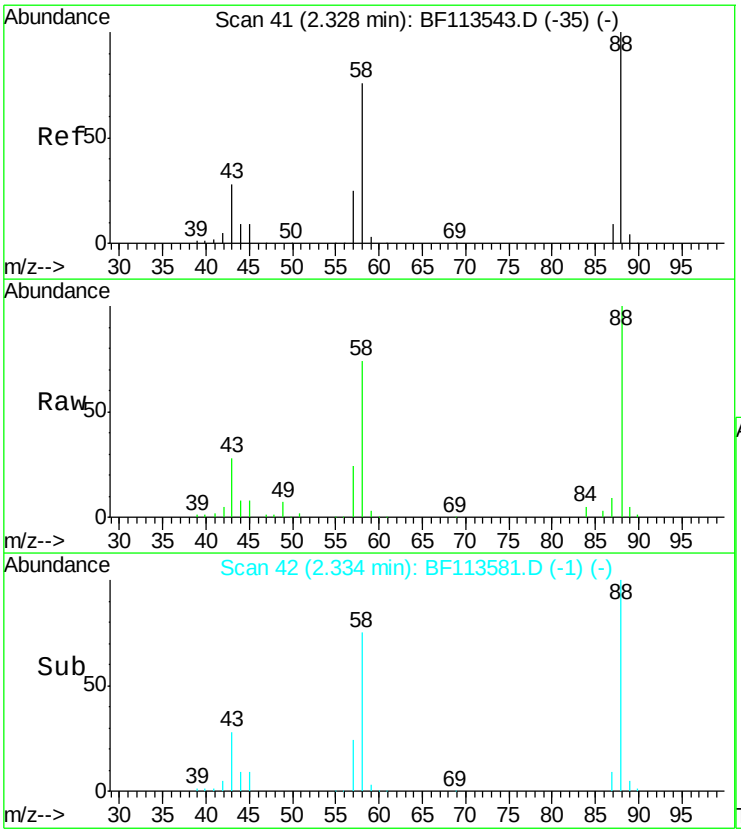
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 161114

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.7	187.1
115	59.3	46.0	69.0

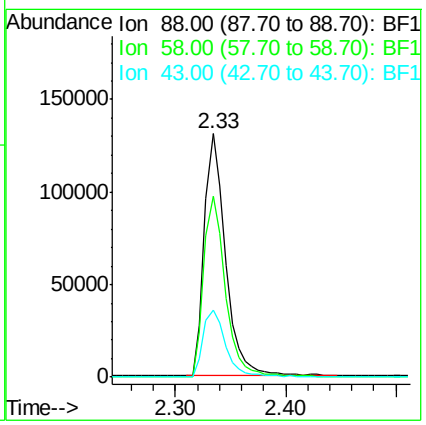


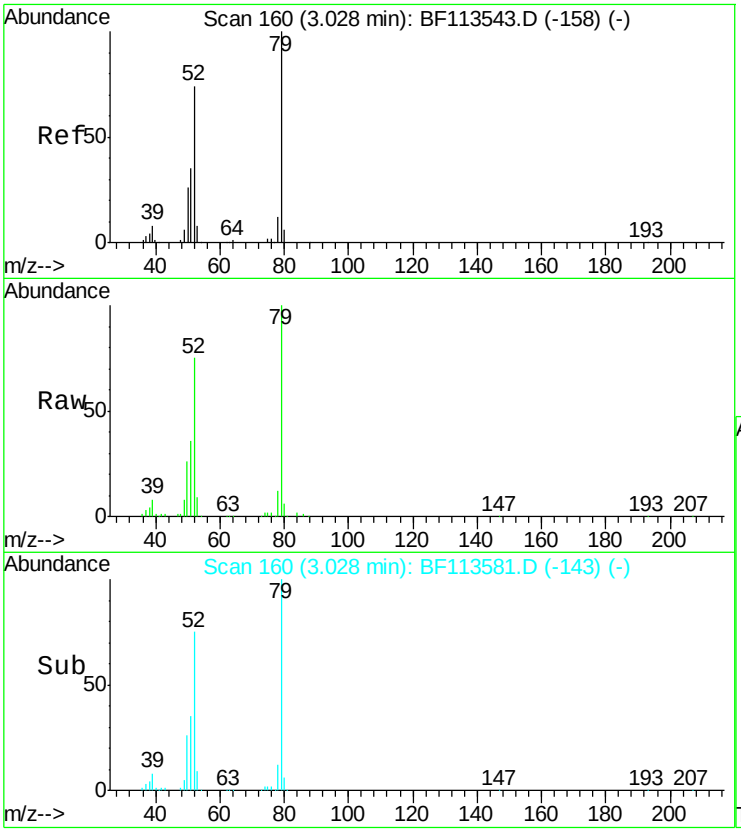


#2
1,4-Dioxane
Concen: 38.570 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 88 Resp: 172597

Ion	Ratio	Lower	Upper
88	100		
58	76.4	61.9	92.9
43	29.8	24.2	36.4



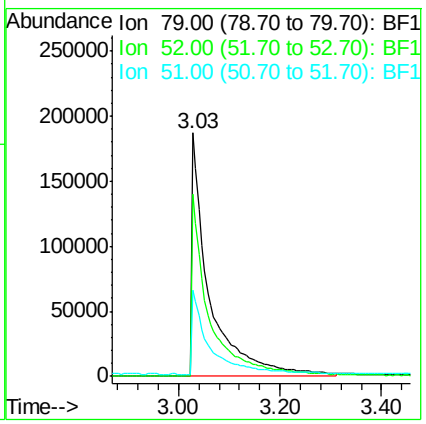


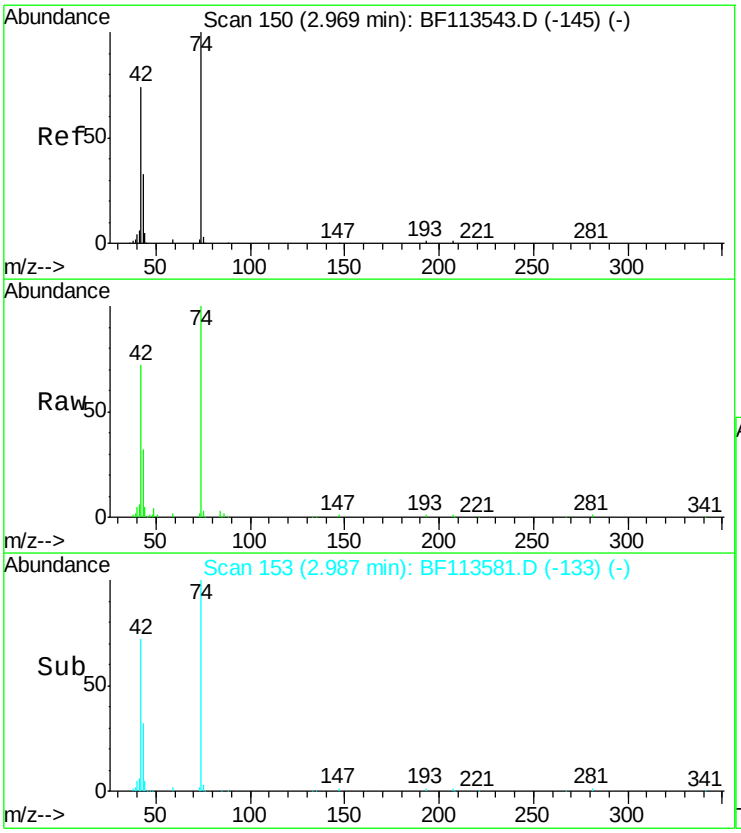
#3
Pyridine
Concen: 38.937 ng
RT: 3.03 min Scan# 160
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 455990

Ion	Ratio	Lower	Upper
79	100		
52	74.9	61.0	91.4
51	35.6	30.6	45.8

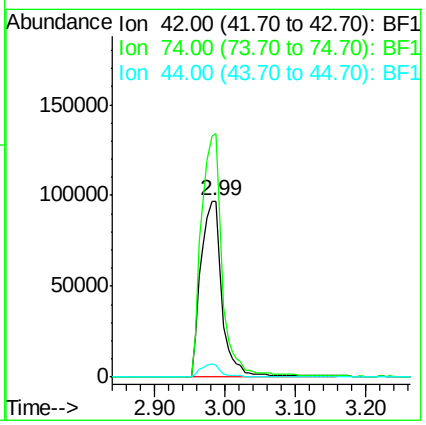


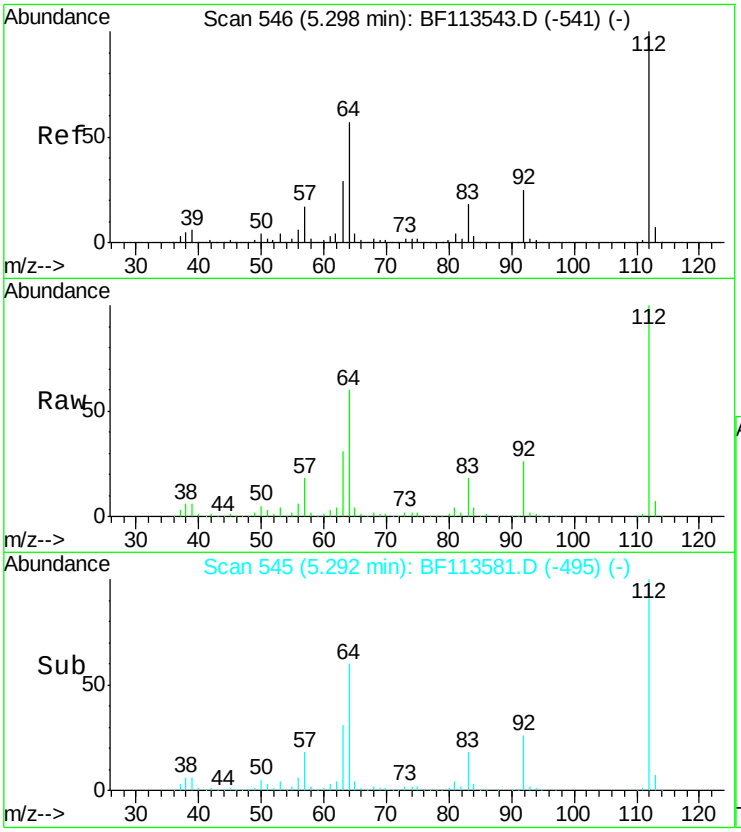


#4
n-Nitrosodimethylamine
Concen: 41.432 ng
RT: 2.99 min Scan# 153
Delta R.T. 0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 42 Resp: 206157

Ion	Ratio	Lower	Upper
42	100		
74	138.0	102.4	153.6
44	7.0	5.5	8.3



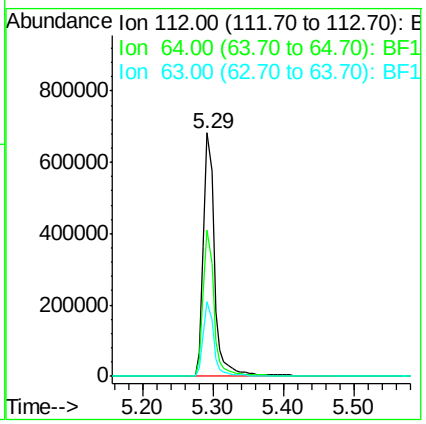


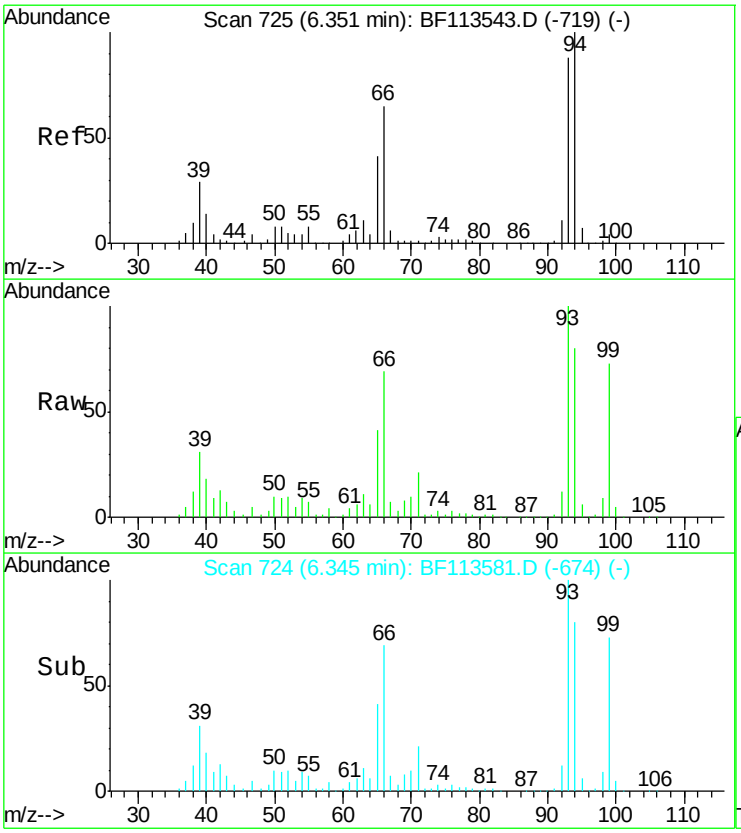
#5
2-Fluorophenol
Concen: 80.478 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 760370

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	30.8	24.9	37.3

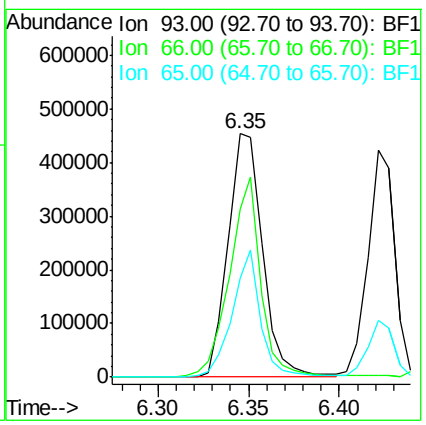


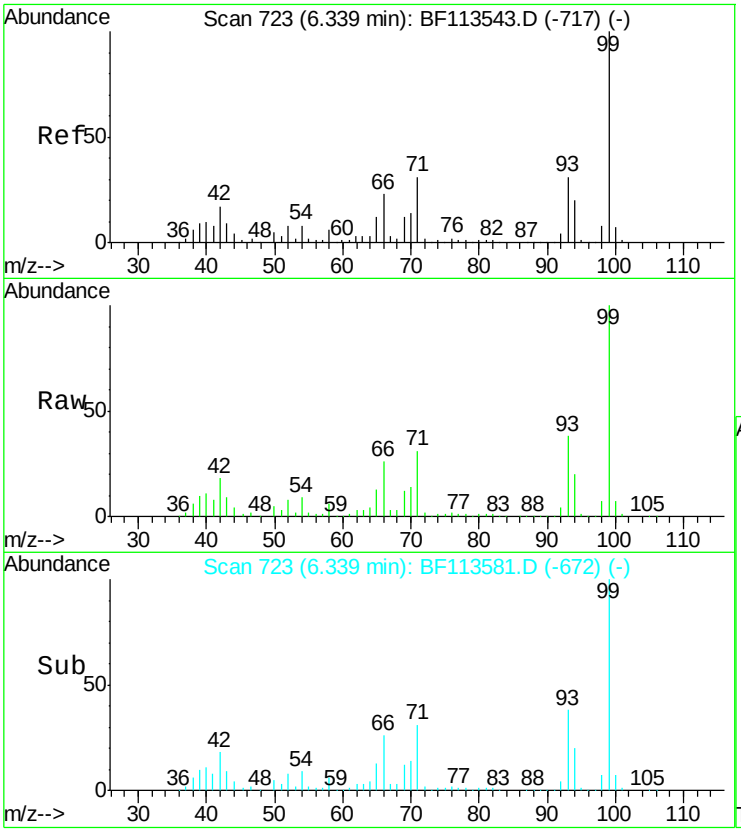


#6
Aniline
Concen: 42.715 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 93 Resp: 602924

Ion	Ratio	Lower	Upper
93	100		
66	69.1	62.1	93.1
65	40.9	38.7	58.1



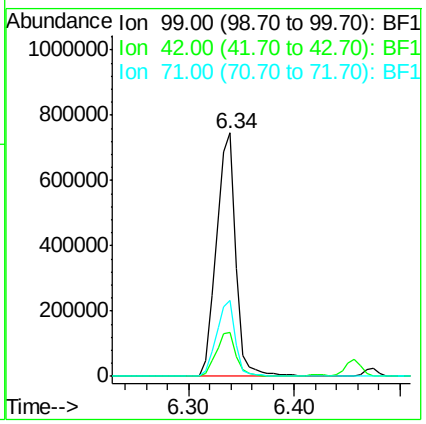


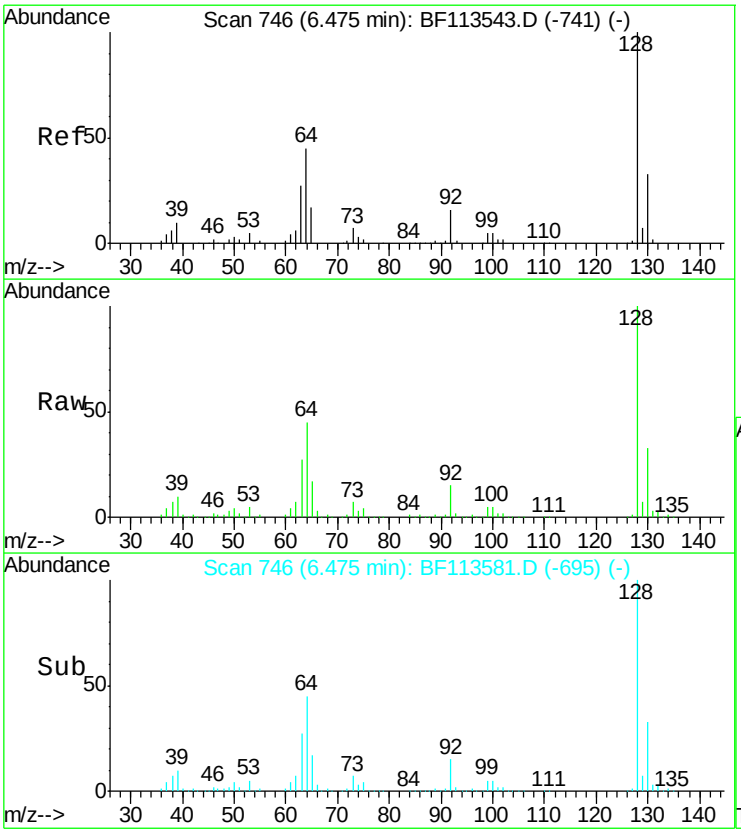
#7
Phenol-d6
Concen: 82.582 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 961668

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.0	24.9	37.3

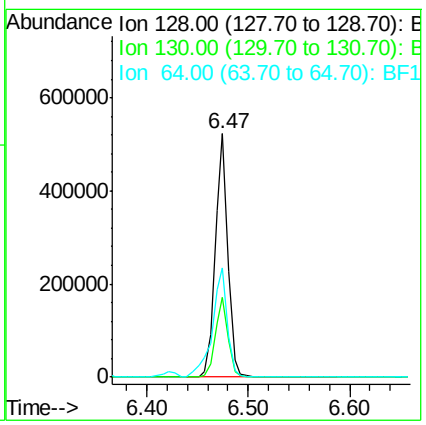


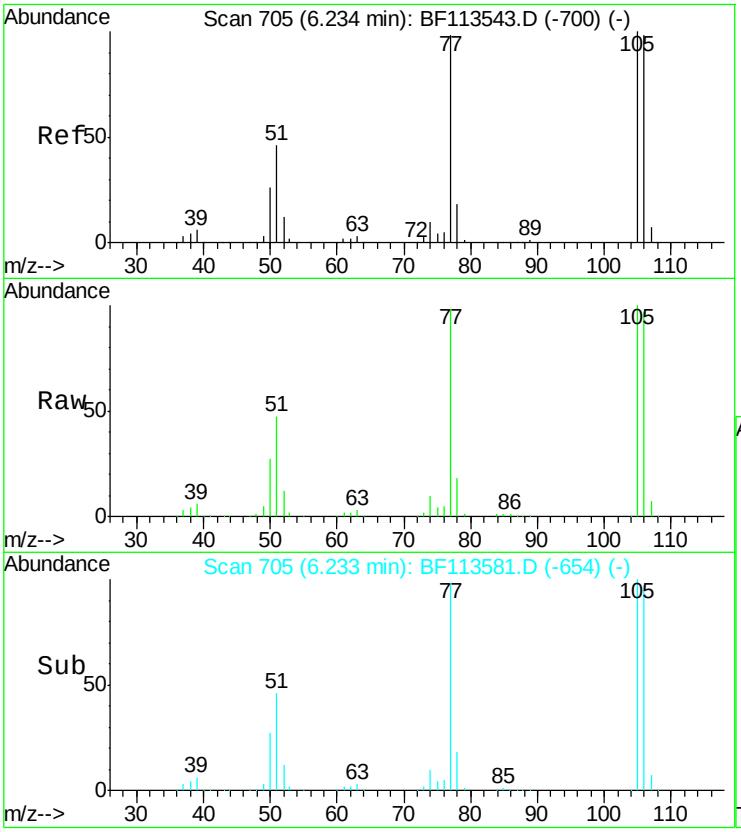


#8
2-Chlorophenol
Concen: 41.047 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:128 Resp: 448703

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	44.9	29.4	69.4



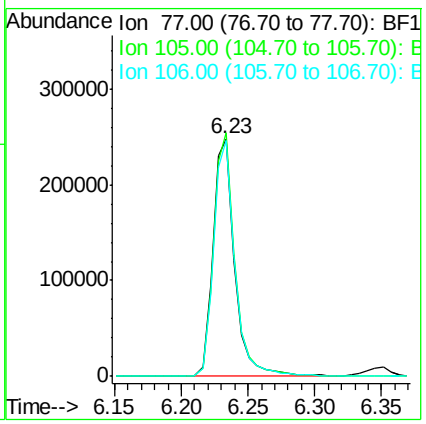


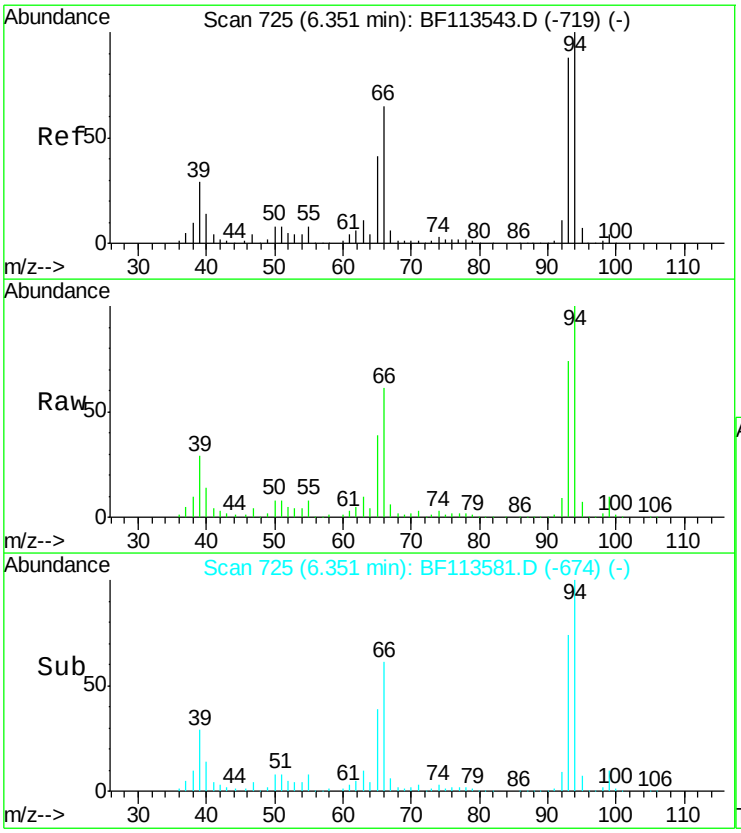
#9
Benzaldehyde
Concen: 41.154 ng
RT: 6.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 284954

Ion	Ratio	Lower	Upper
77	100		
105	102.5	80.9	120.9
106	99.3	77.8	117.8

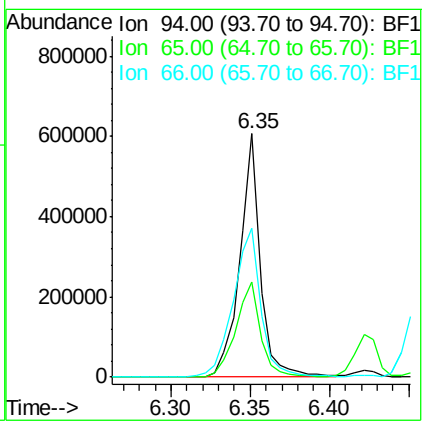


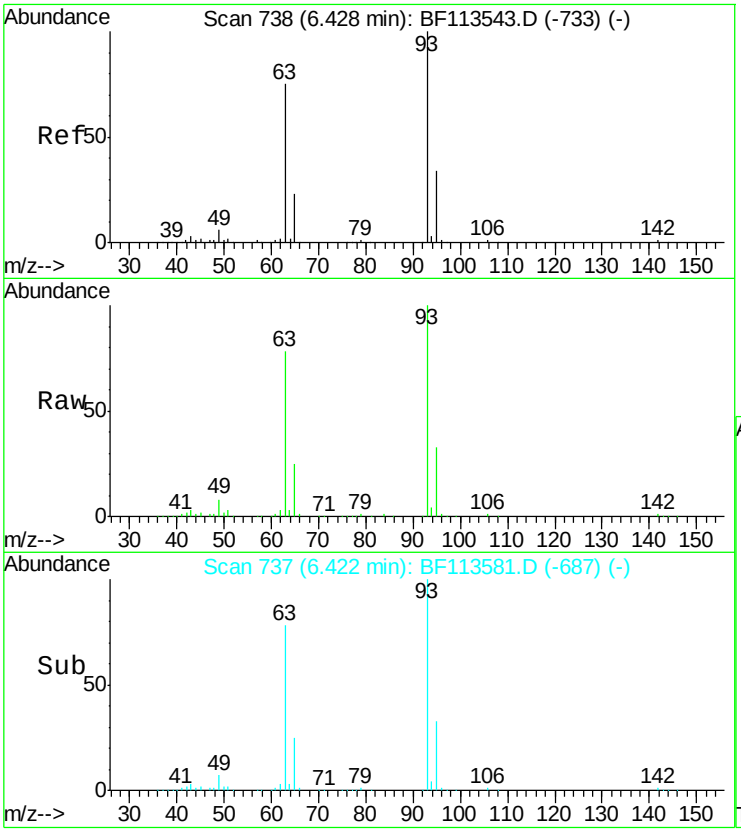


#10
Phenol
Concen: 40.997 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 94 Resp: 545246

Ion	Ratio	Lower	Upper
94	100		
65	39.1	21.4	61.4
66	61.3	46.4	86.4



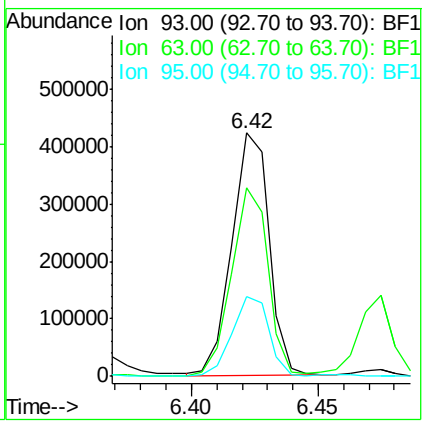


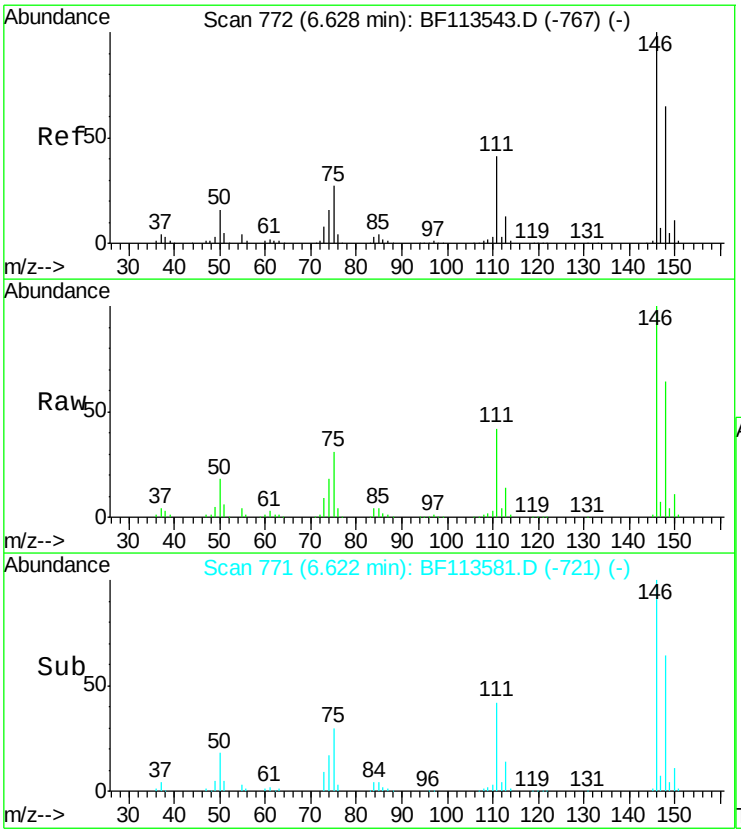
#11
bis(2-Chloroethyl)ether
Concen: 41.436 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 428680

Ion	Ratio	Lower	Upper
93	100		
63	77.7	56.1	96.1
95	32.5	12.8	52.8

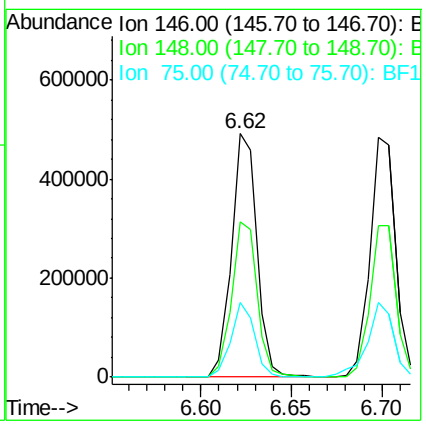


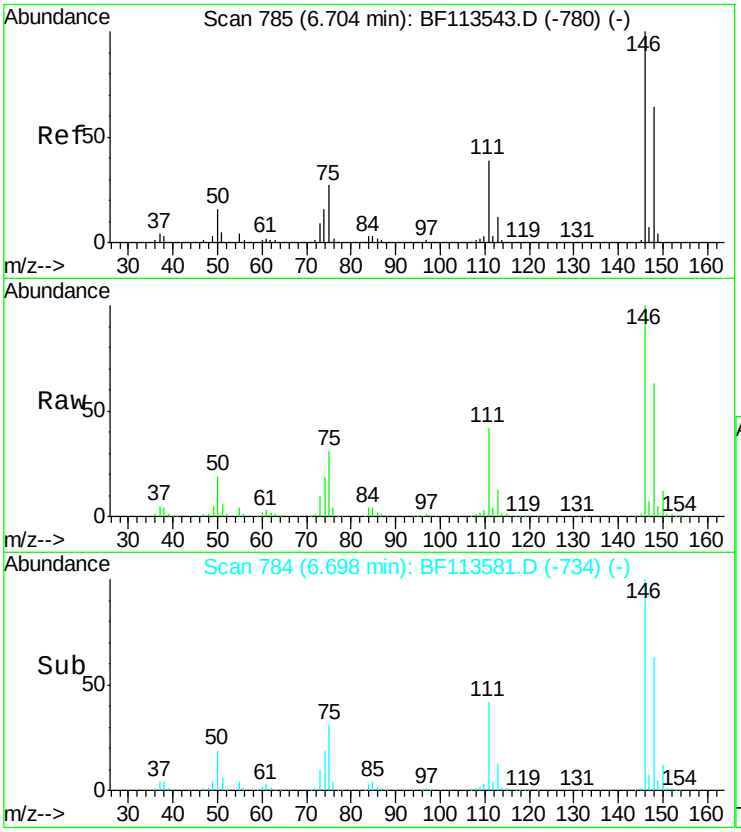


#12
1,3-Dichlorobenzene
Concen: 40.699 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:146 Resp: 479123

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	30.6	24.8	37.2



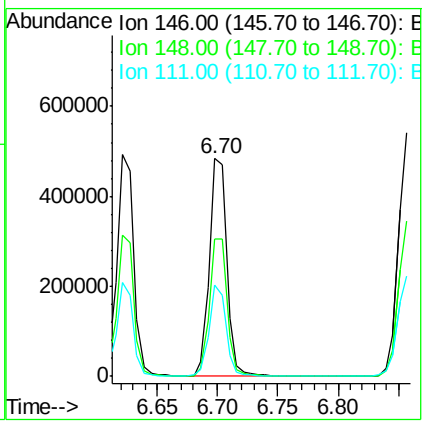


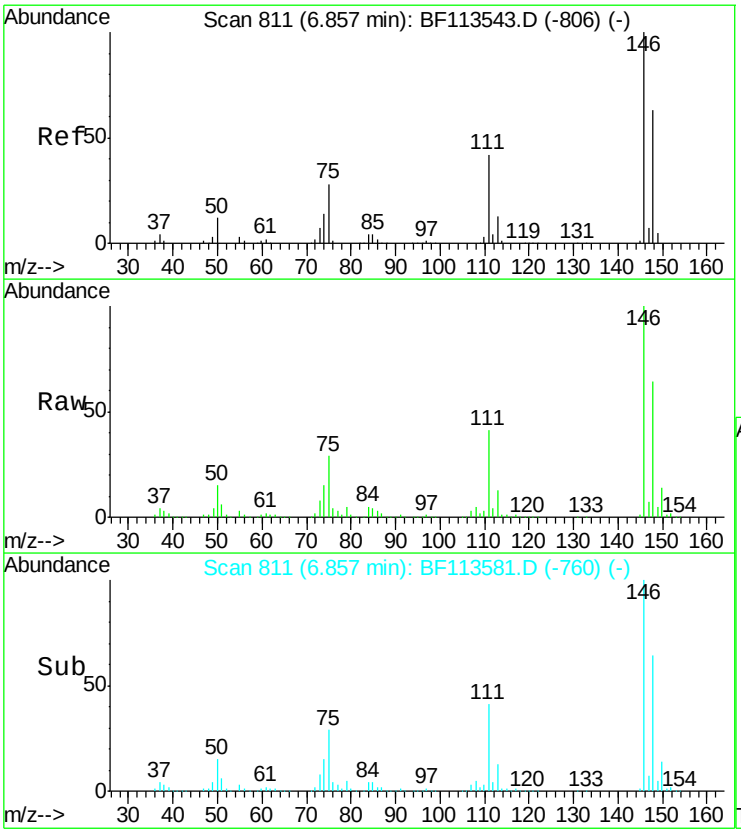
#13
1,4-Dichlorobenzene
Concen: 40.626 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 483294

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	41.8	32.8	49.2

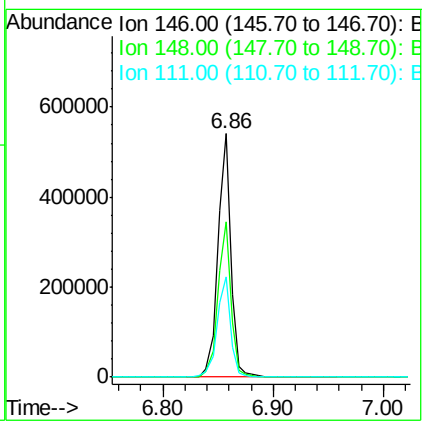


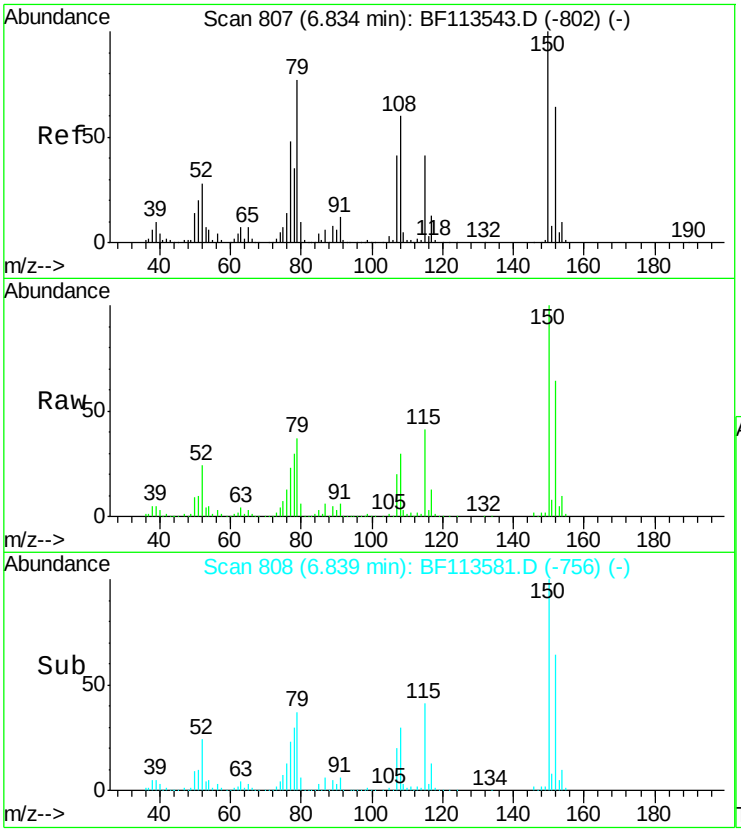


#14
1,2-Dichlorobenzene
Concen: 41.213 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:146 Resp: 442545

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
111	41.0	35.4	53.2



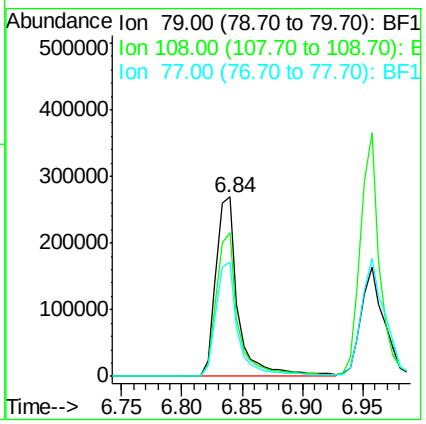


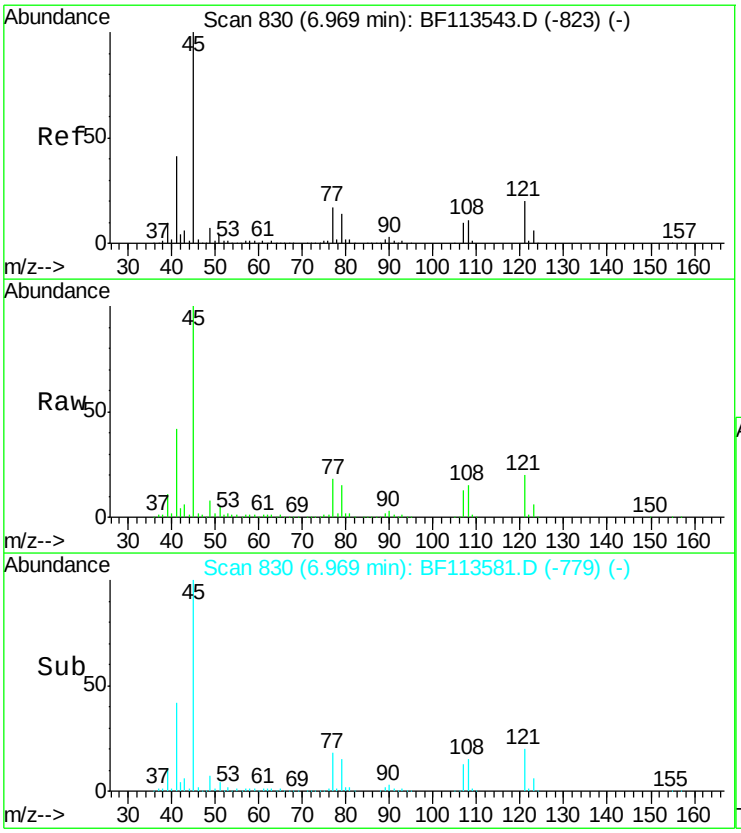
#15
Benzyl Alcohol
Concen: 43.296 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 340903

Ion	Ratio	Lower	Upper
79	100		
108	80.2	62.0	93.0
77	63.5	49.9	74.9

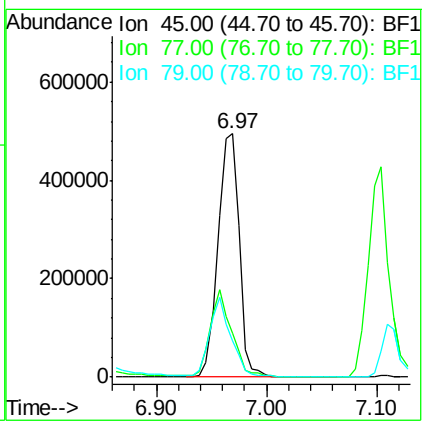


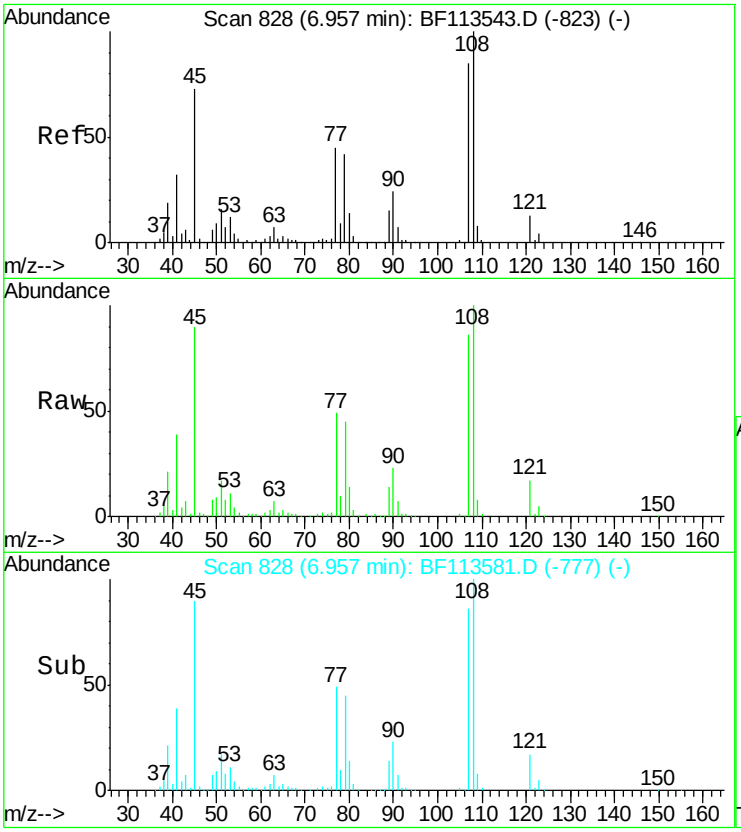


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.183 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 45 Resp: 663190

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	36.6
79	15.1	0.0	34.0



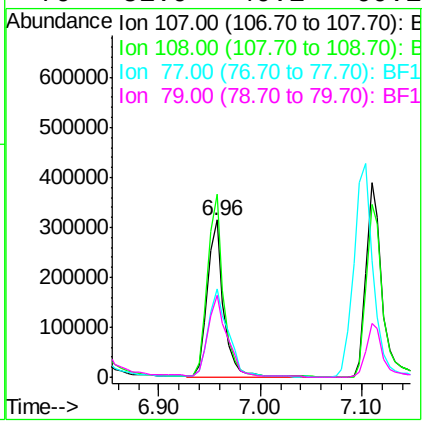


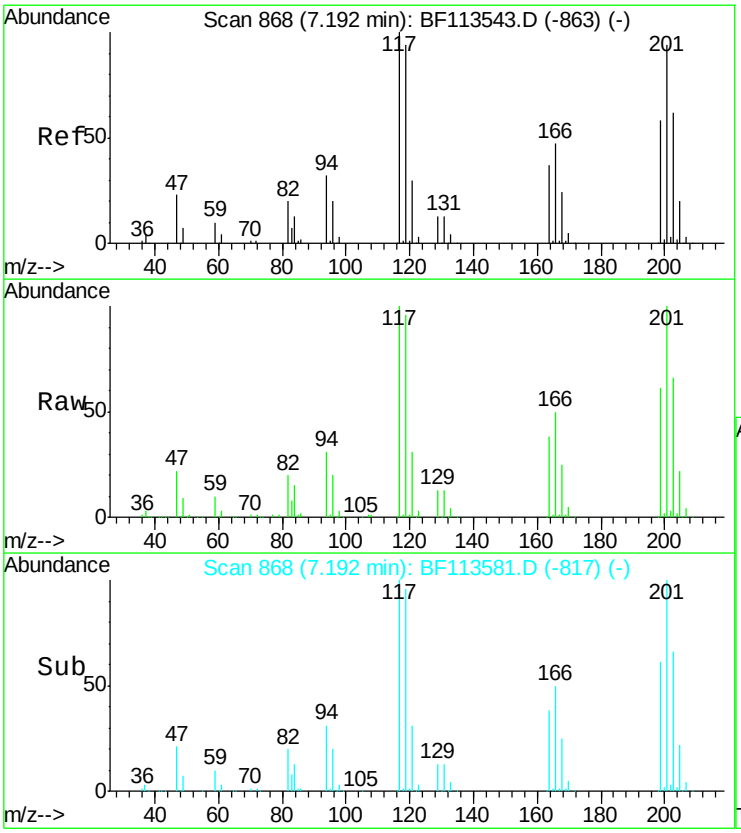
#17
2-Methylphenol
Concen: 41.367 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 350444

Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.4	140.0
77	56.6	41.2	61.8
79	51.9	40.1	60.1

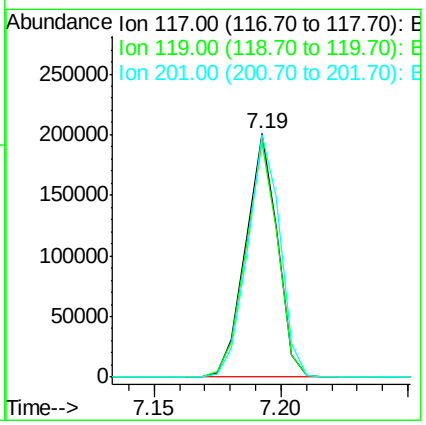


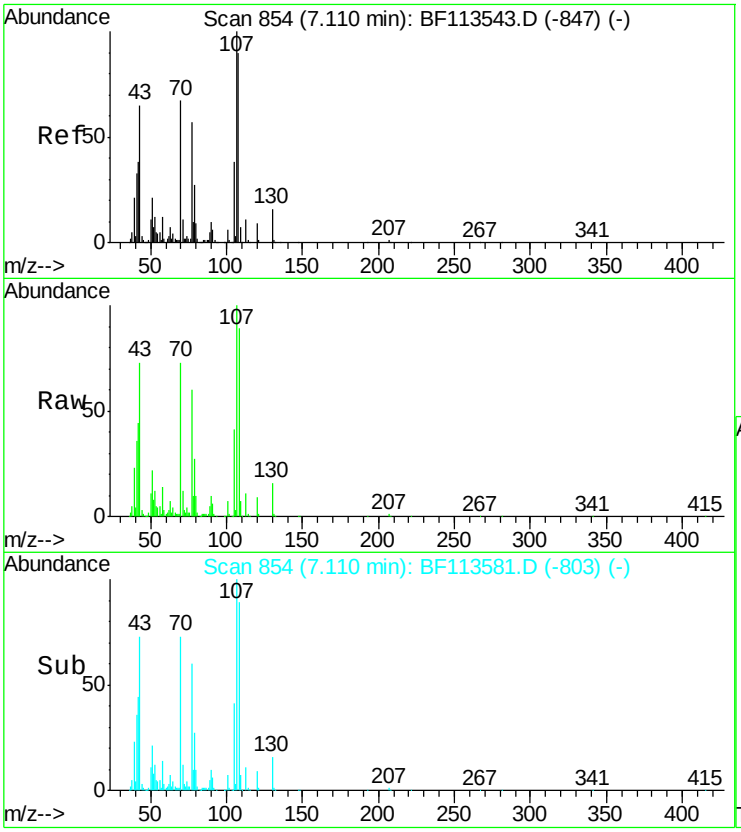


#18
Hexachloroethane
Concen: 40.394 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:117 Resp: 174909

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	99.7	78.7	118.1



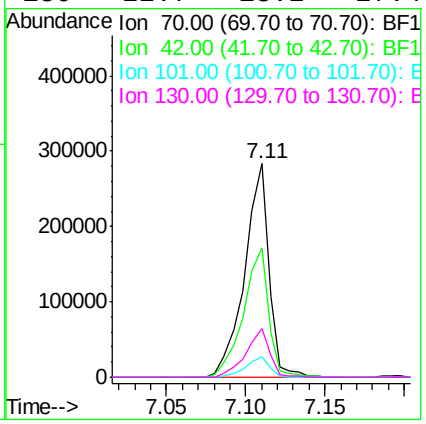


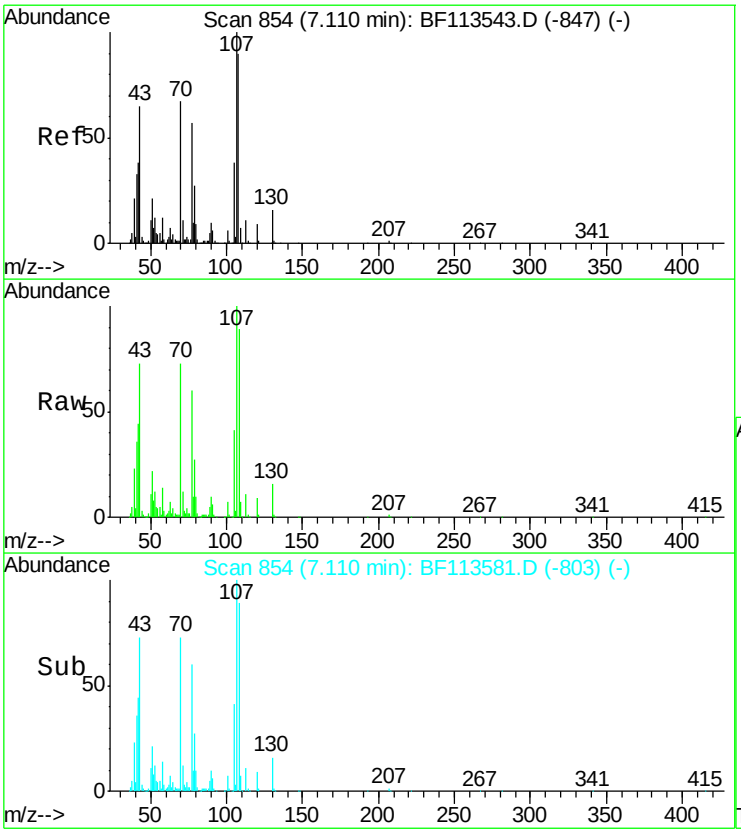
#19
n-Nitroso-di-n-propylamine
Concen: 41.883 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 300751

Ion	Ratio	Lower	Upper
70	100		
42	60.7	48.4	72.6
101	9.6	7.8	11.8
130	22.7	18.2	27.4

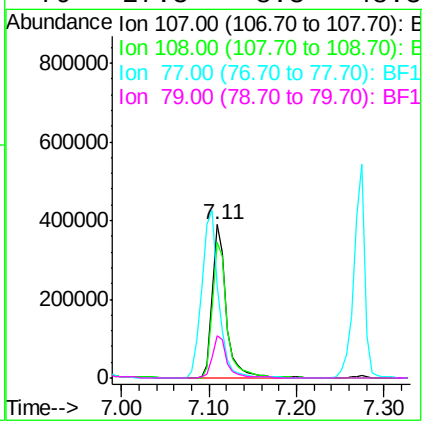


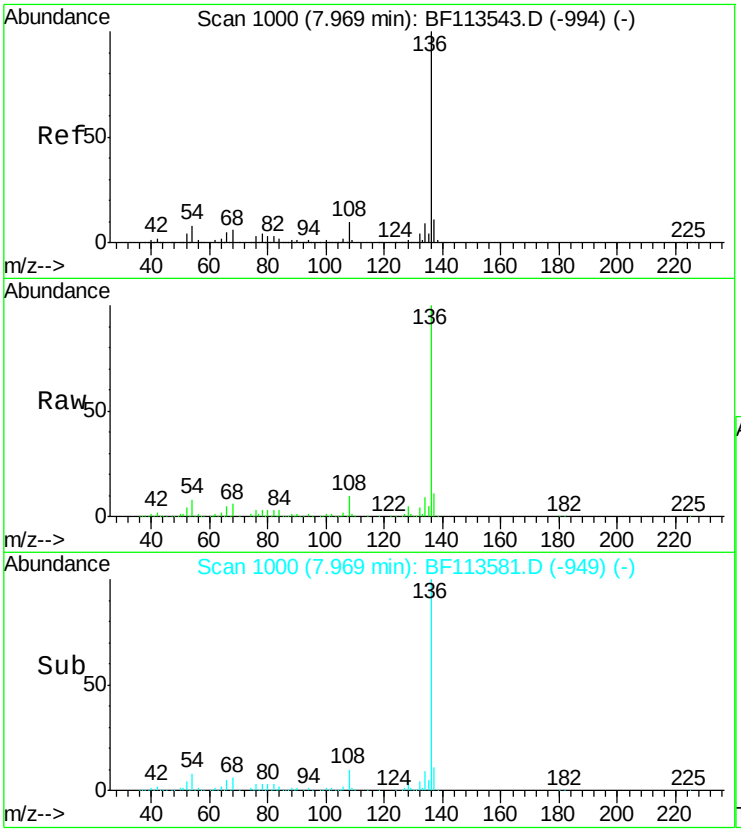


#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:107 Resp: 433944

Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.4	111.4
77	59.6	33.5	73.5
79	27.3	8.3	48.3



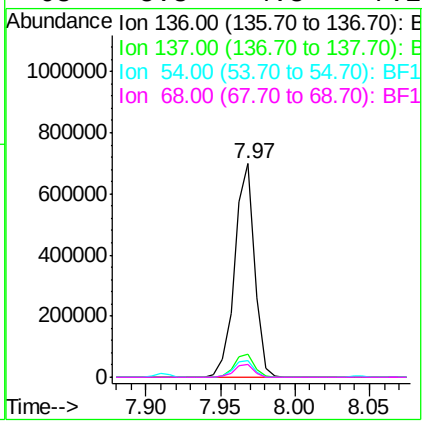


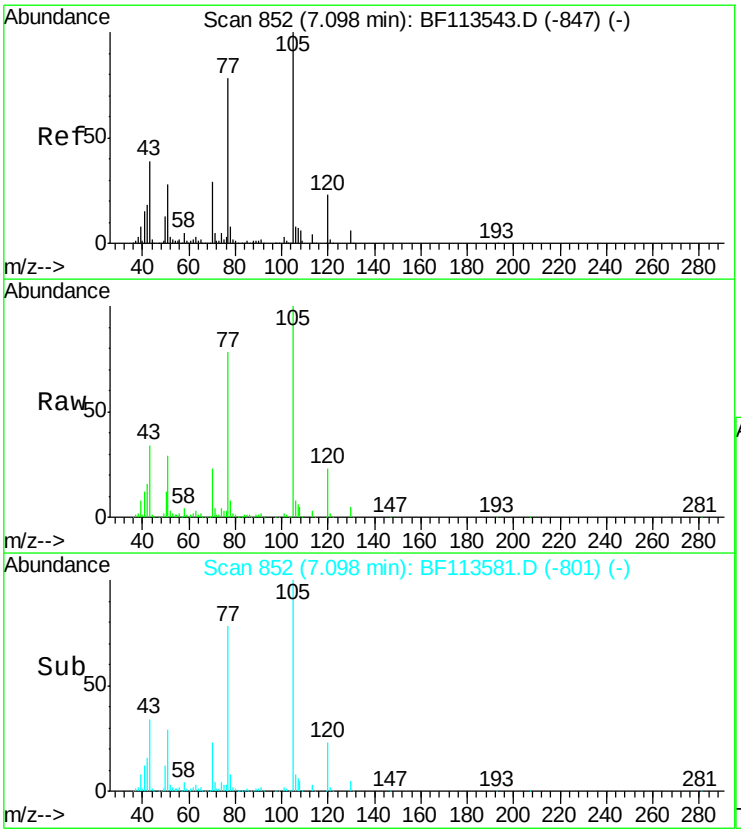
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 652224

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	7.0	10.6
68	5.8	4.8	7.2

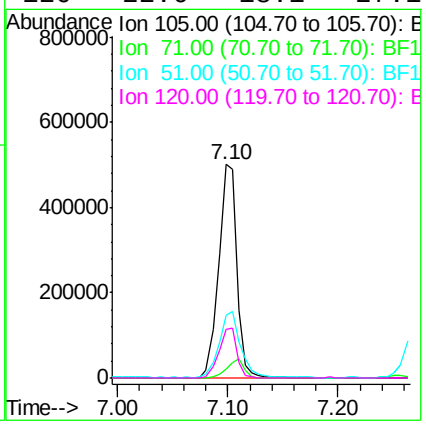


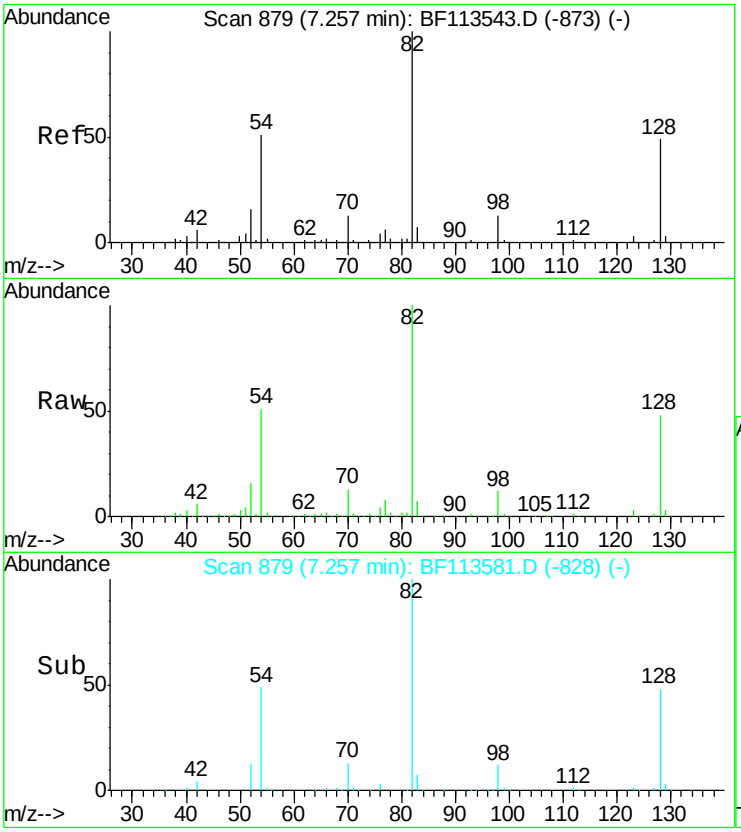


#22
Acetophenone
Concen: 40.401 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:105 Resp: 578747

Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.3	4.9
51	29.2	24.2	36.2
120	22.6	18.1	27.1



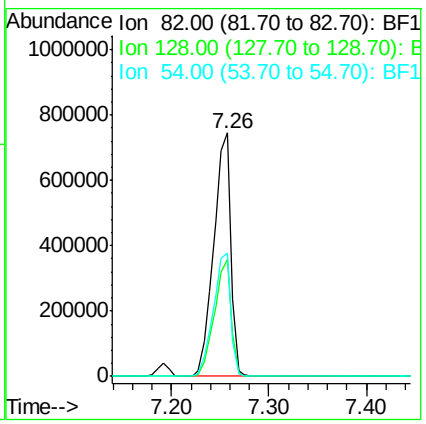


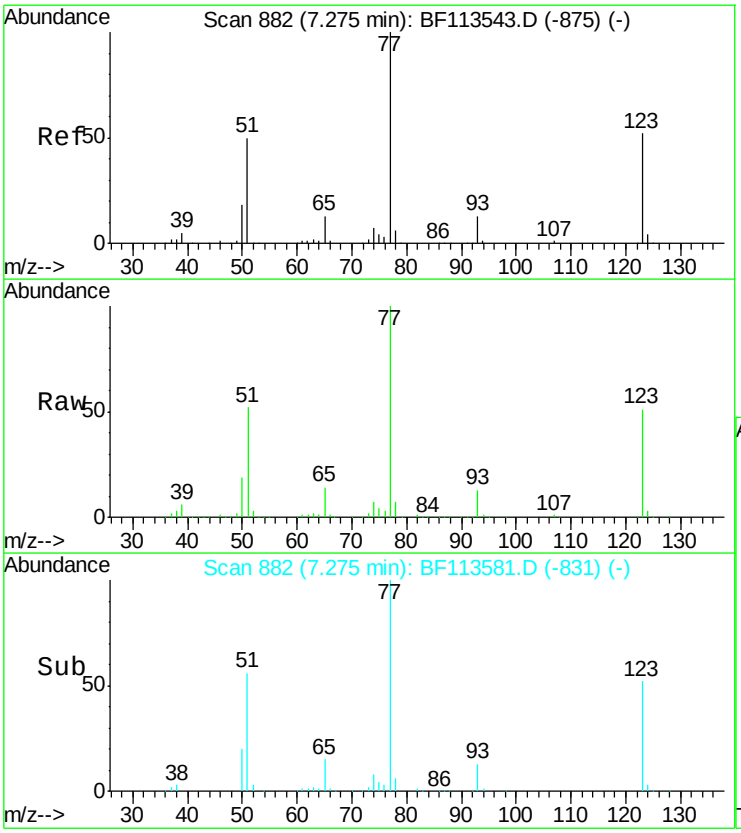
#23
Nitrobenzene-d5
Concen: 81.572 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 908289

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.5	54.7
54	50.7	42.2	63.2

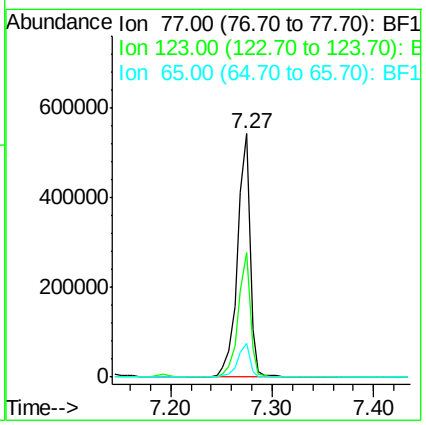


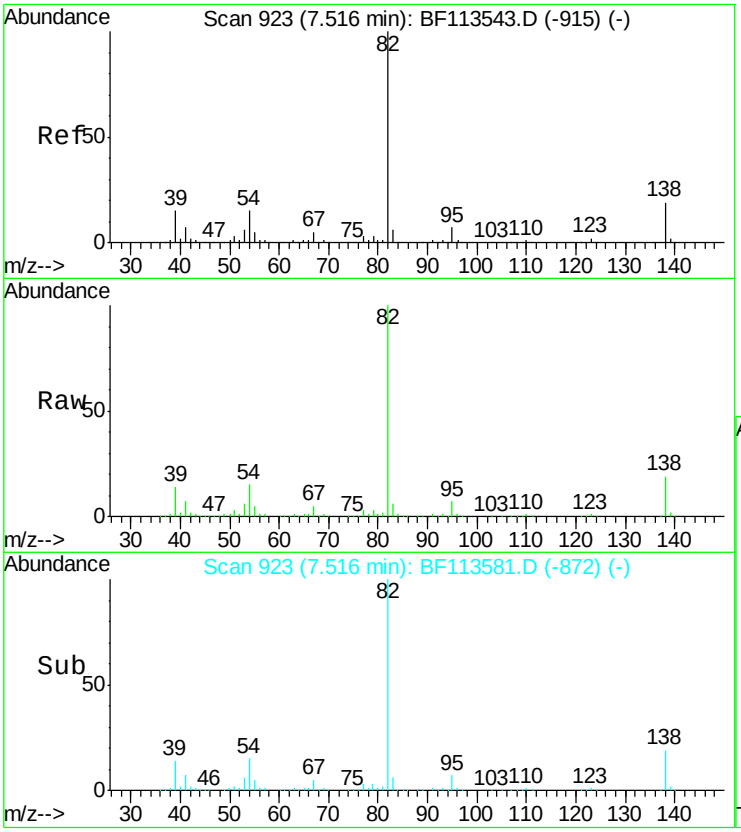


#24
Nitrobenzene
Concen: 40.775 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 77 Resp: 467562

Ion	Ratio	Lower	Upper
77	100		
123	51.1	40.8	61.2
65	13.8	10.6	16.0



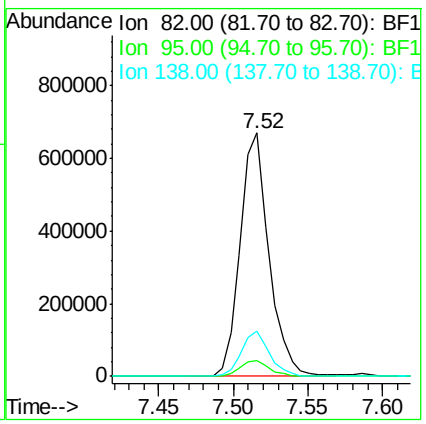


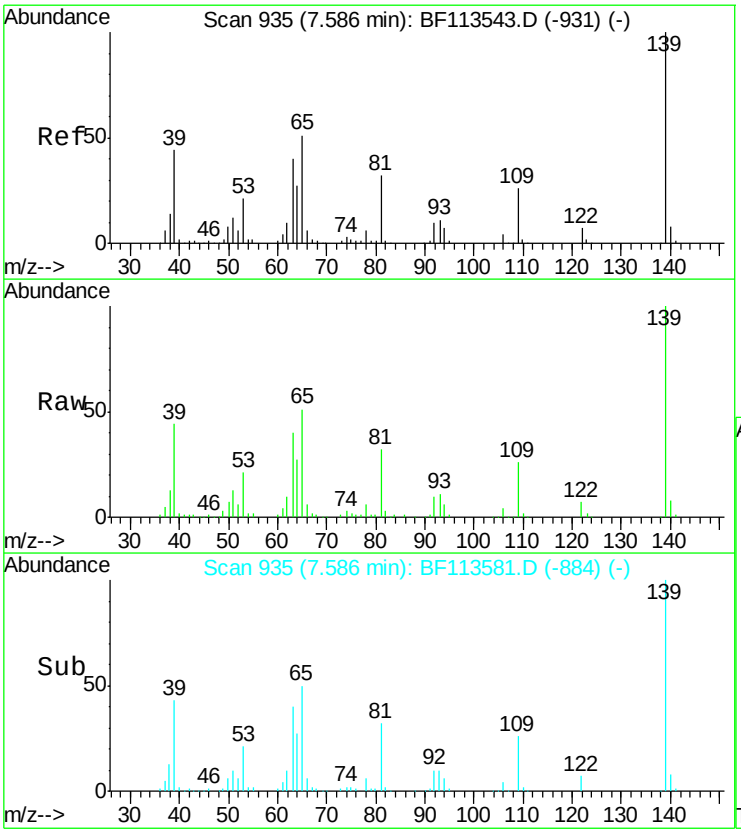
#25
Isophorone
Concen: 41.765 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 895856

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.8	15.2	22.8

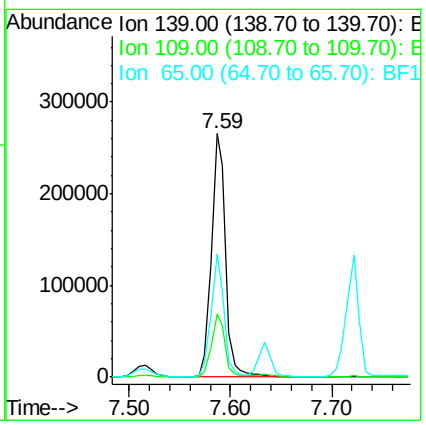


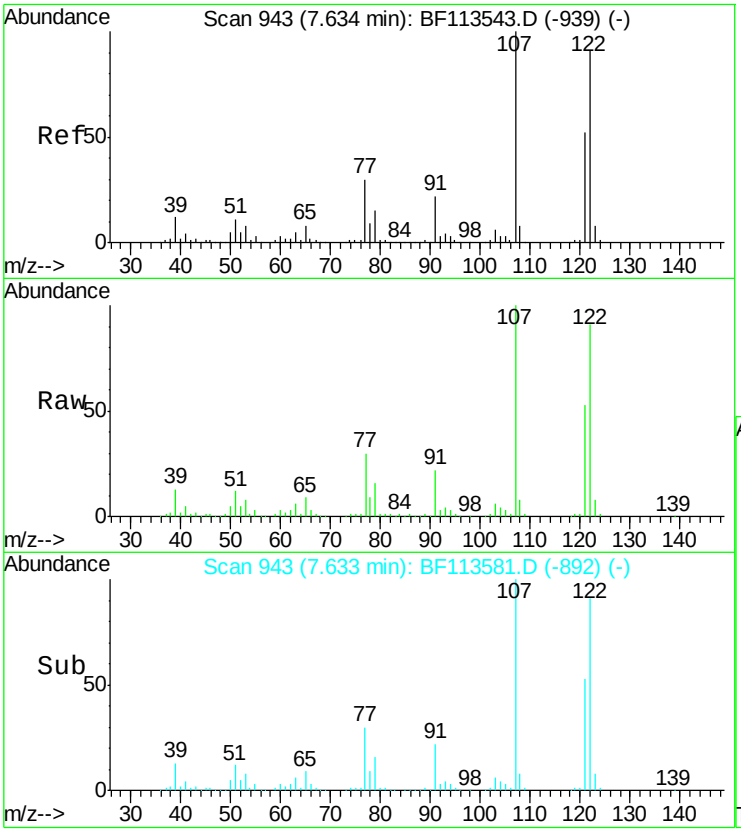


#26
2-Nitrophenol
Concen: 41.884 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:139 Resp: 258491

Ion	Ratio	Lower	Upper
139	100		
109	26.0	21.7	32.5
65	50.7	41.6	62.4



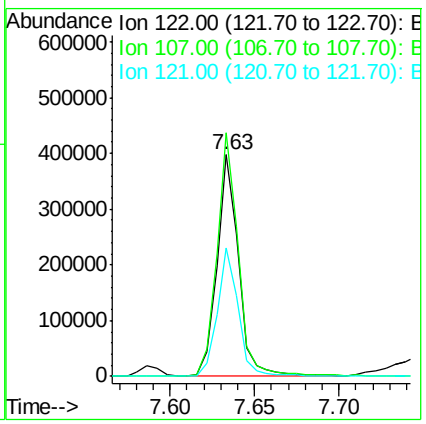


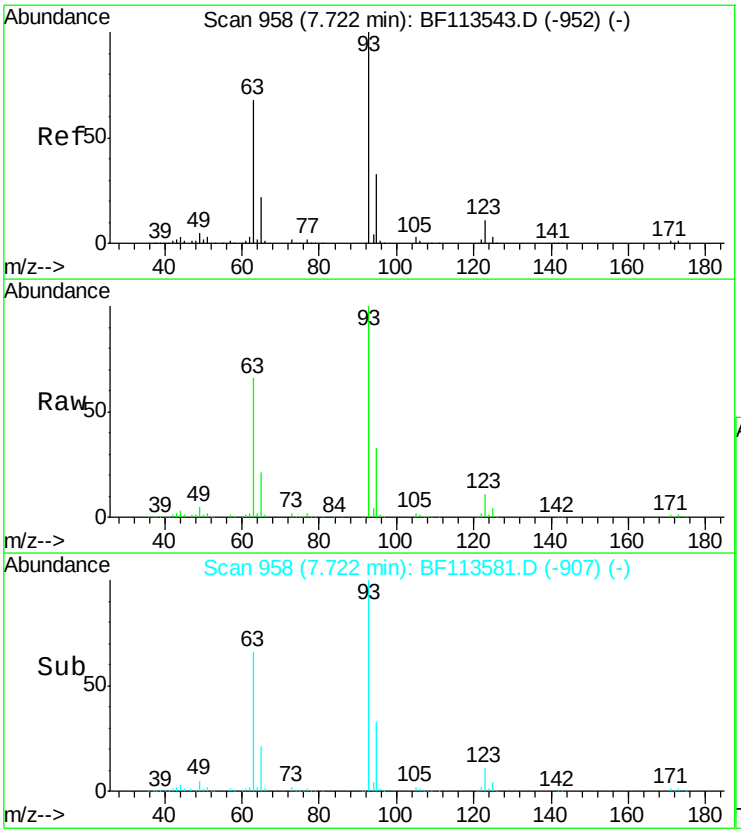
#27
2,4-Dimethylphenol
Concen: 39.970 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 352655

Ion	Ratio	Lower	Upper
122	100		
107	109.9	88.8	133.2
121	57.7	45.5	68.3

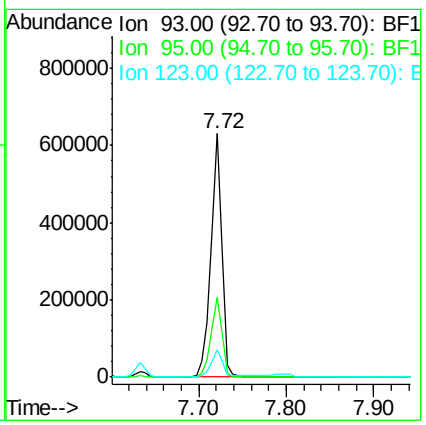


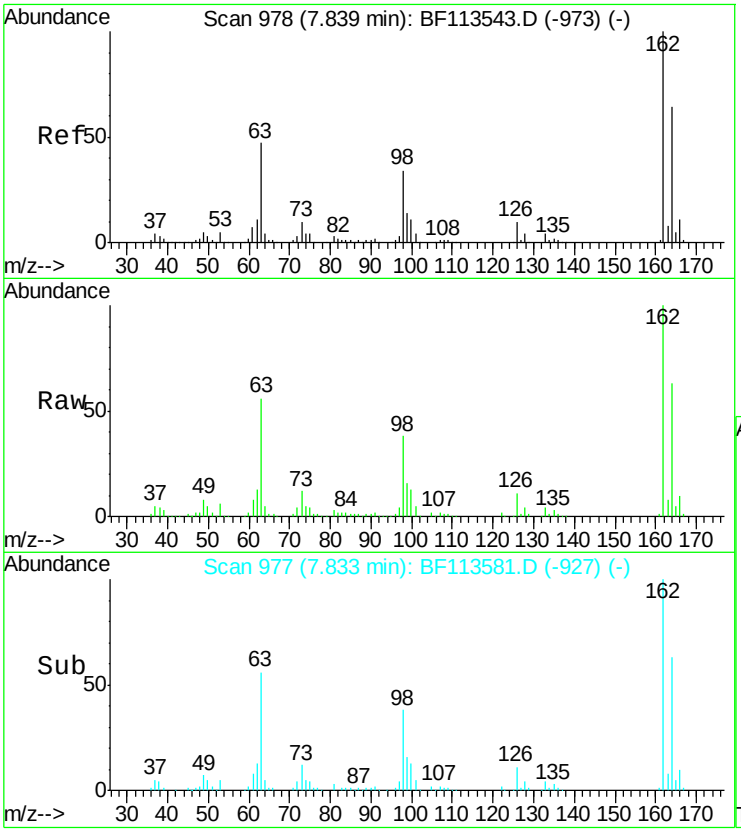


#28
bis(2-Chloroethoxy)methane
Concen: 41.053 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 93 Resp: 556722

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.2	9.1	13.7



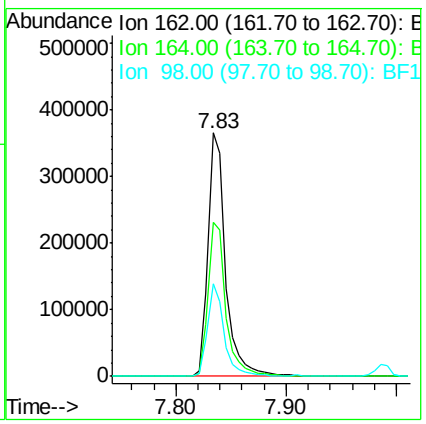


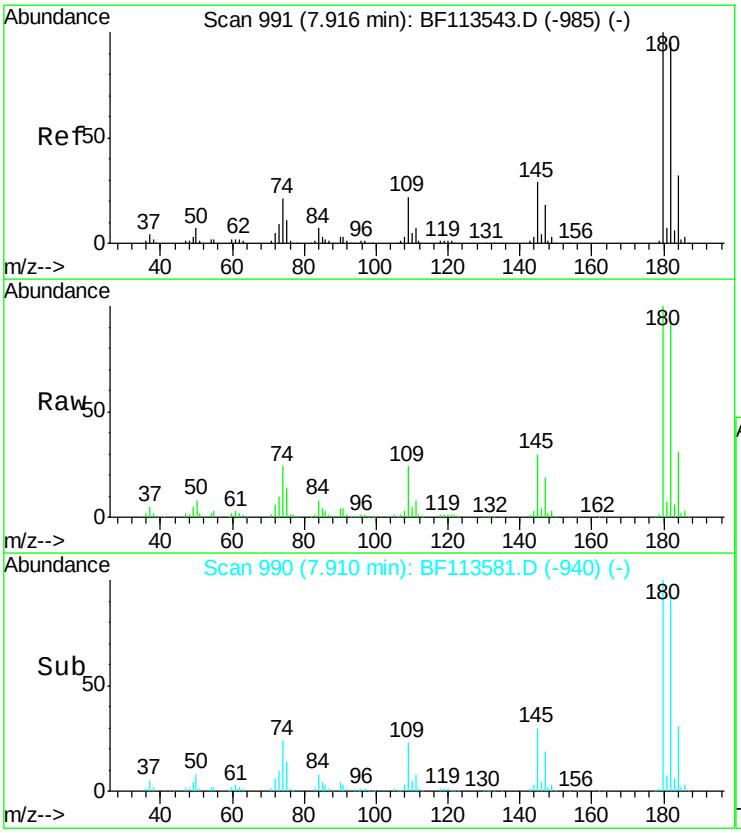
#29
2,4-Dichlorophenol
Concen: 41.626 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 392950

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	37.9	15.6	55.6

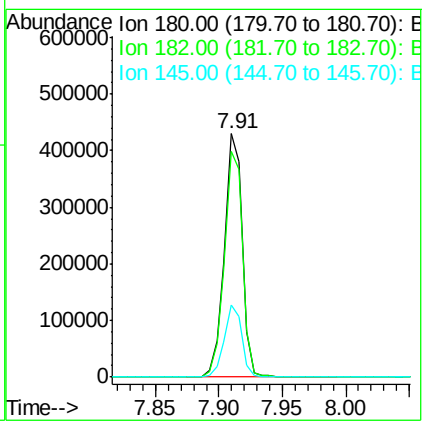


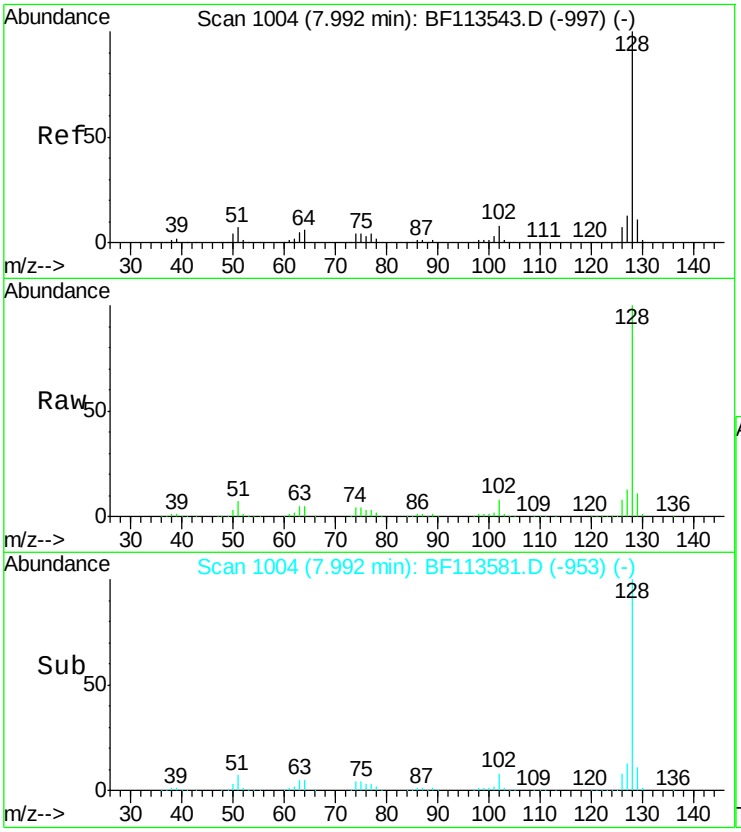


#30
1,2,4-Trichlorobenzene
Concen: 40.771 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:180 Resp: 417961

Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.6	111.8
145	29.7	23.4	35.0



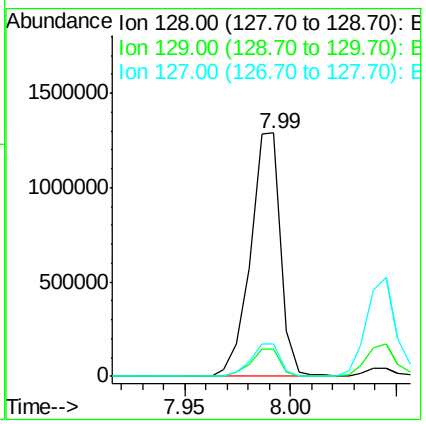


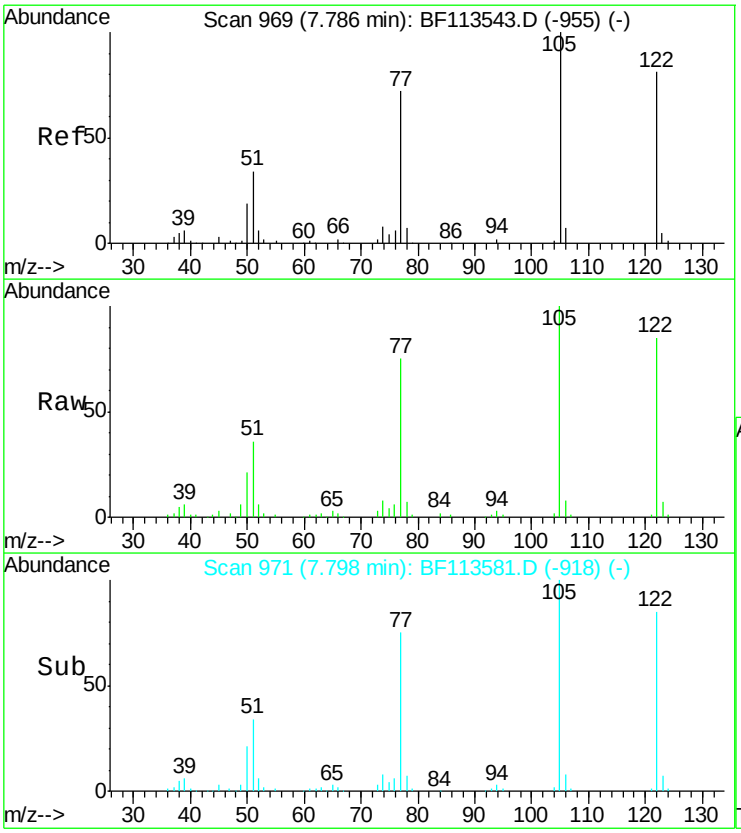
#31
Naphthalene
Concen: 40.544 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1281256

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	10.9	16.3

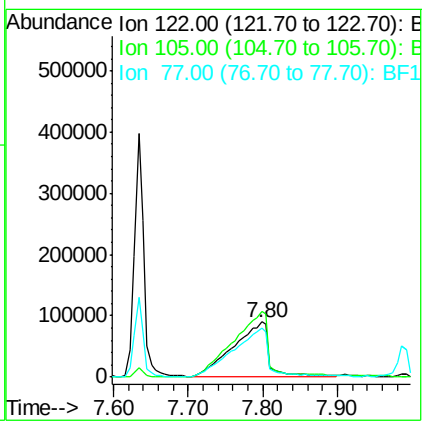


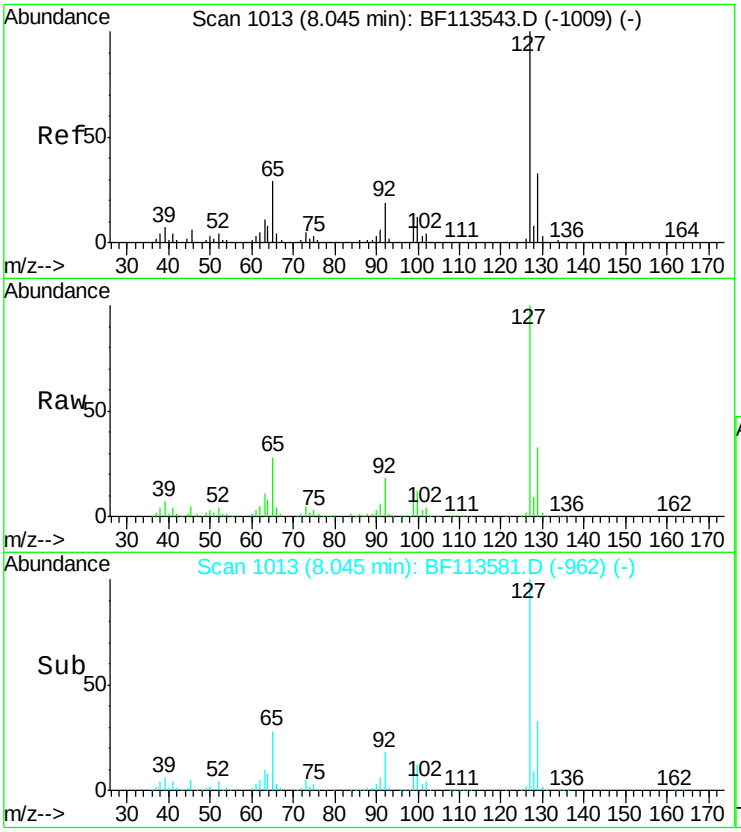


#32
Benzoic acid
Concen: 43.044 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:122 Resp: 294077

Ion	Ratio	Lower	Upper
122	100		
105	118.2	100.4	140.4
77	89.0	69.0	109.0



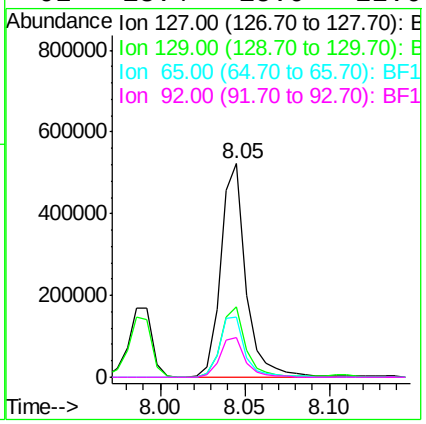


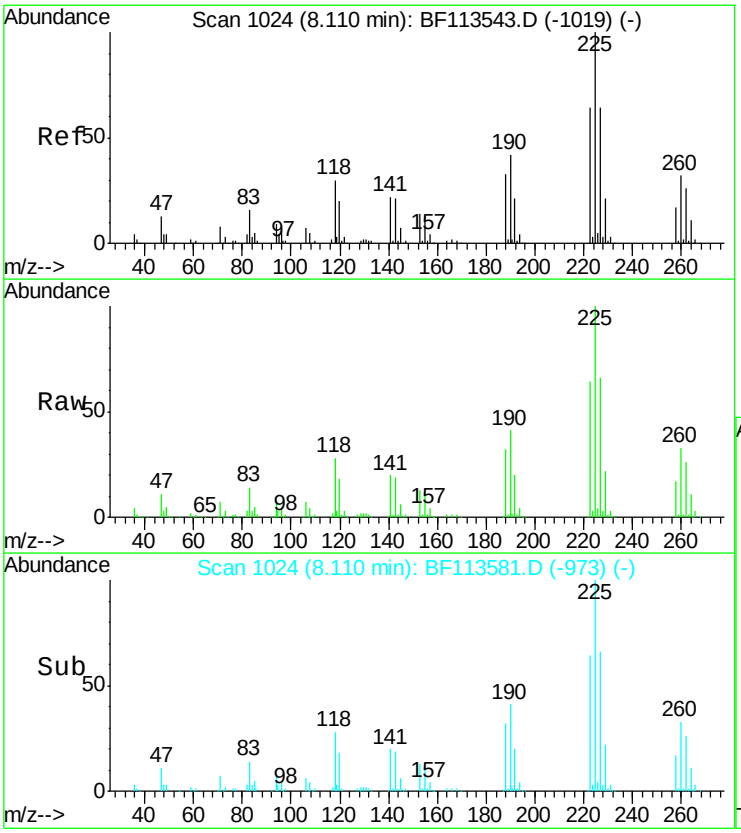
#33
4-Chloroaniline
Concen: 42.817 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 536522

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	28.1	24.2	36.4
92	18.4	15.0	22.6

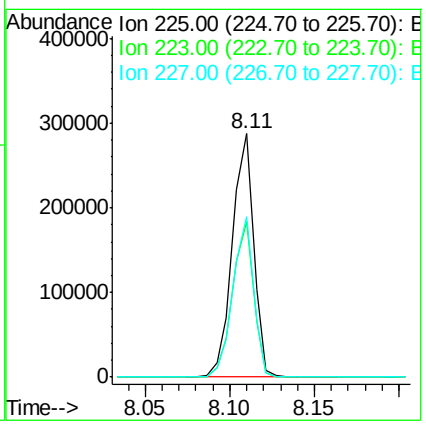


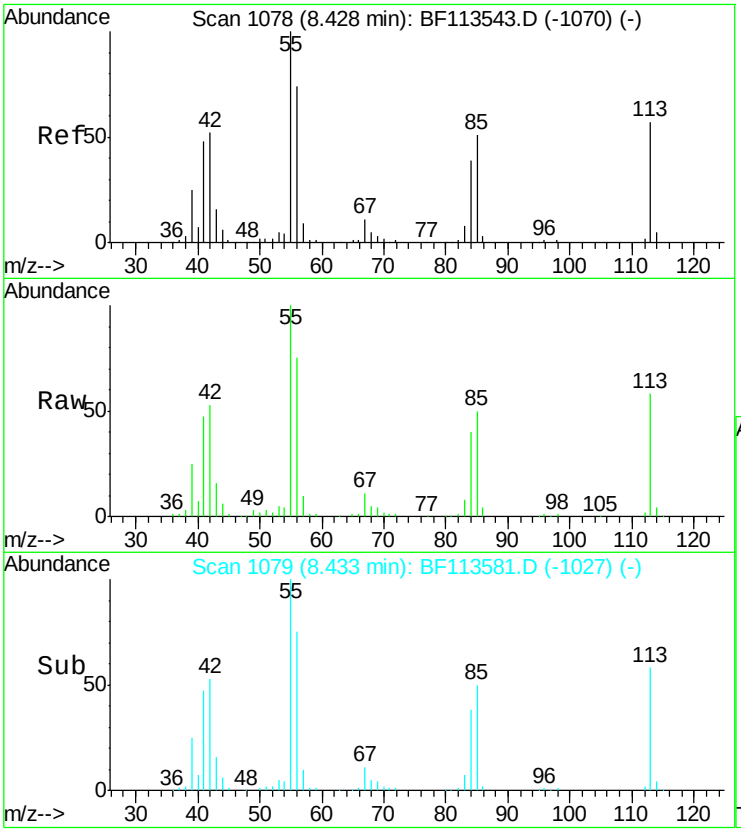


#34
Hexachlorobutadiene
Concen: 40.297 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:225 Resp: 251855

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	65.7	51.1	76.7



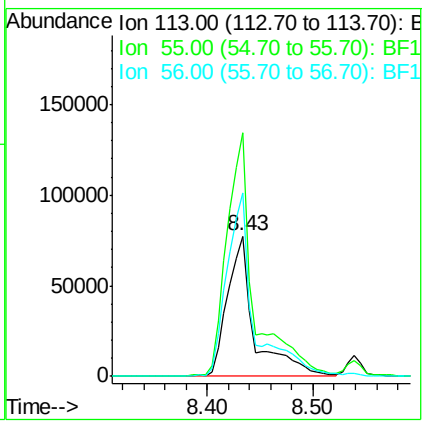


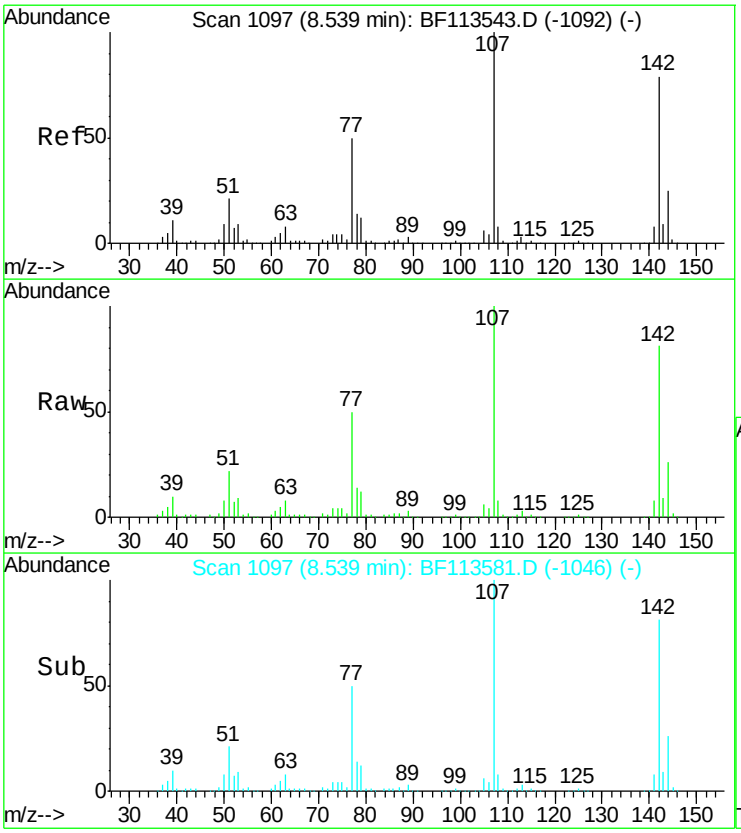
#35
Caprolactam
Concen: 46.120 ng
RT: 8.43 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 138204

Ion	Ratio	Lower	Upper
113	100		
55	173.8	152.7	192.7
56	130.7	108.3	148.3

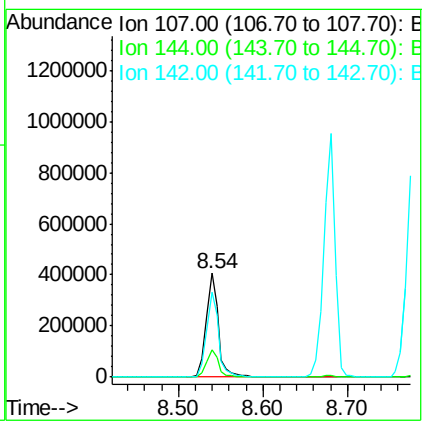


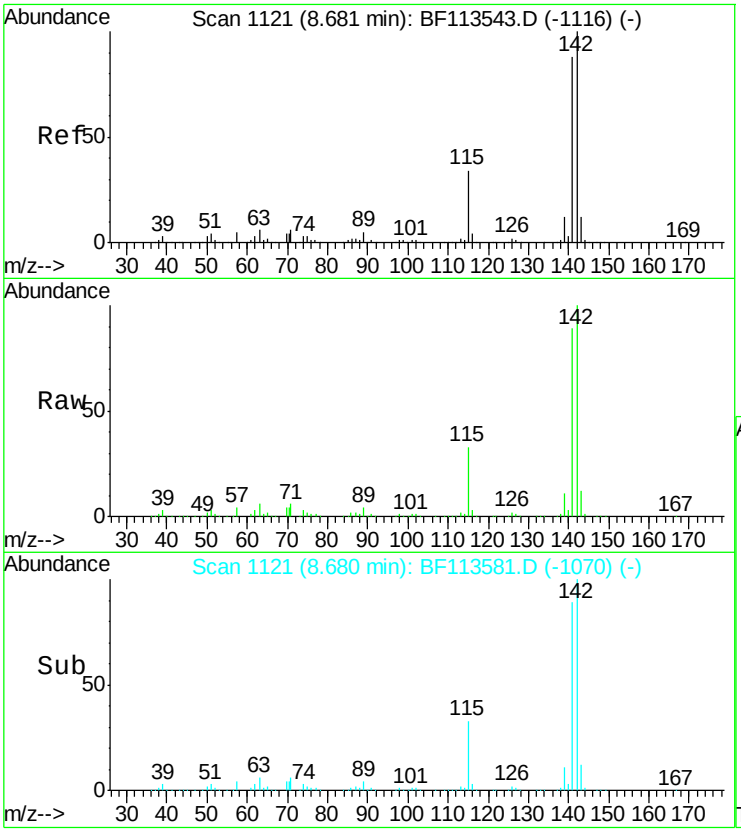


#36
4-Chloro-3-methylphenol
Concen: 43.037 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:107 Resp: 407836

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.4	32.0
142	81.5	65.6	98.4



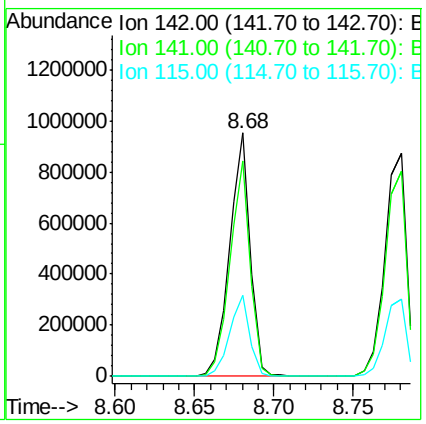


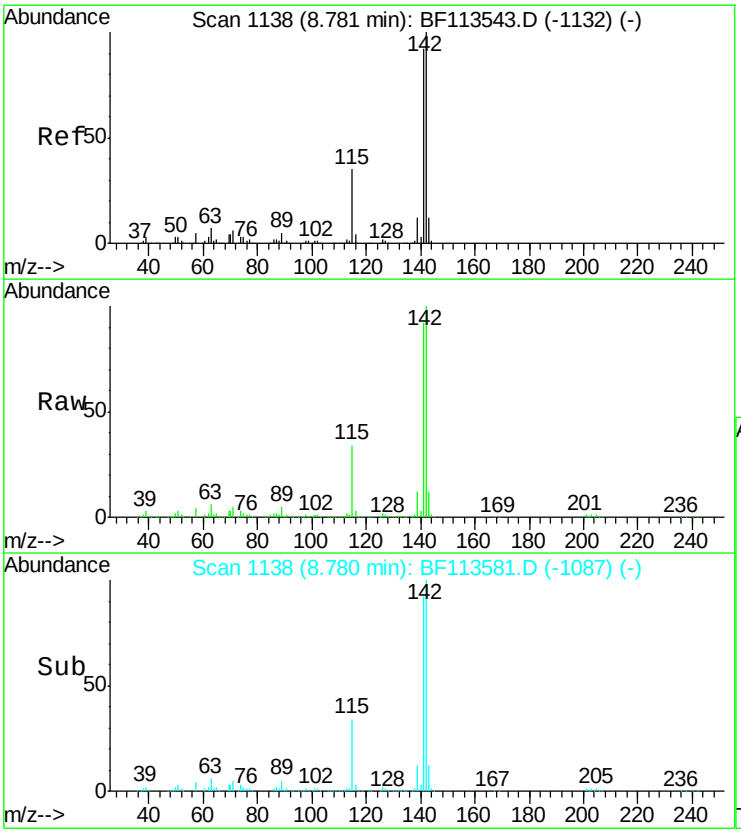
#37
2-Methylnaphthalene
Concen: 41.188 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 856061

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.3	26.6	39.8

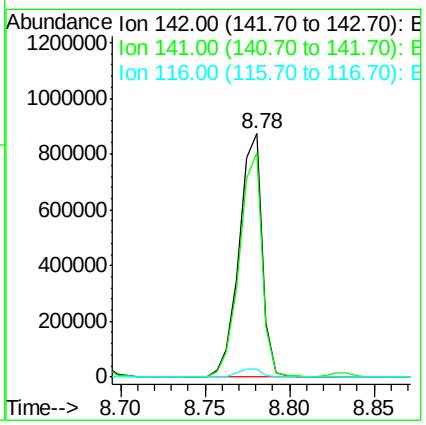


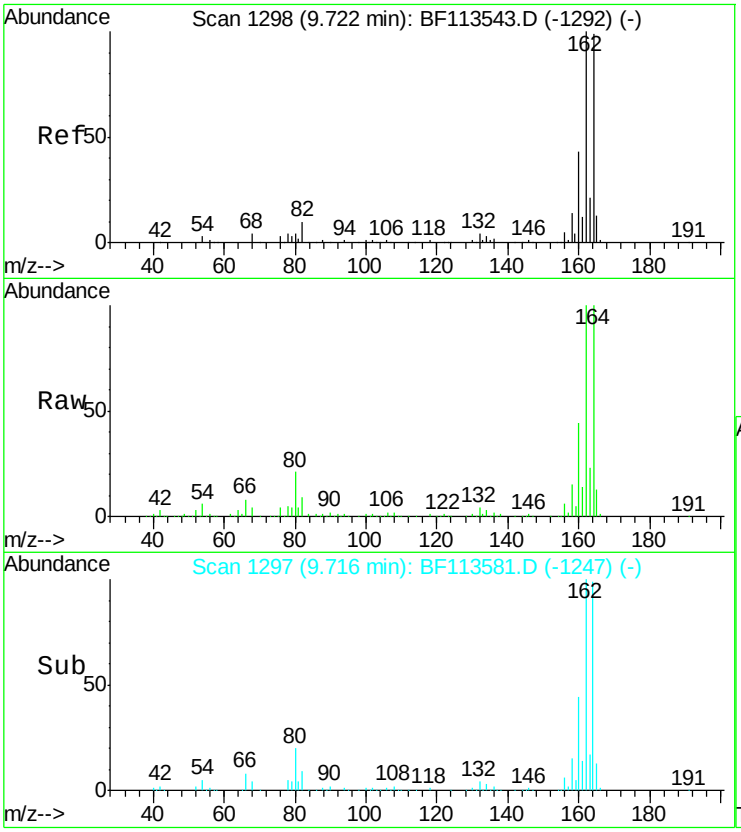


#38
1-Methylnaphthalene
Concen: 41.223 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:142 Resp: 826175

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8
116	3.4	3.0	4.4



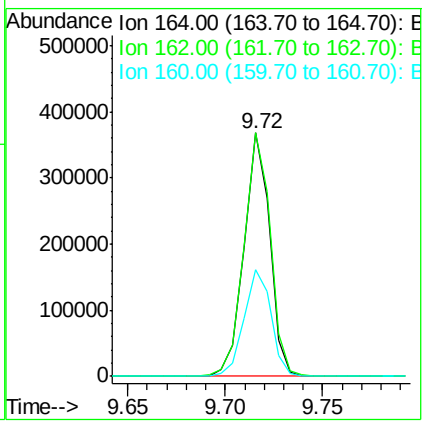


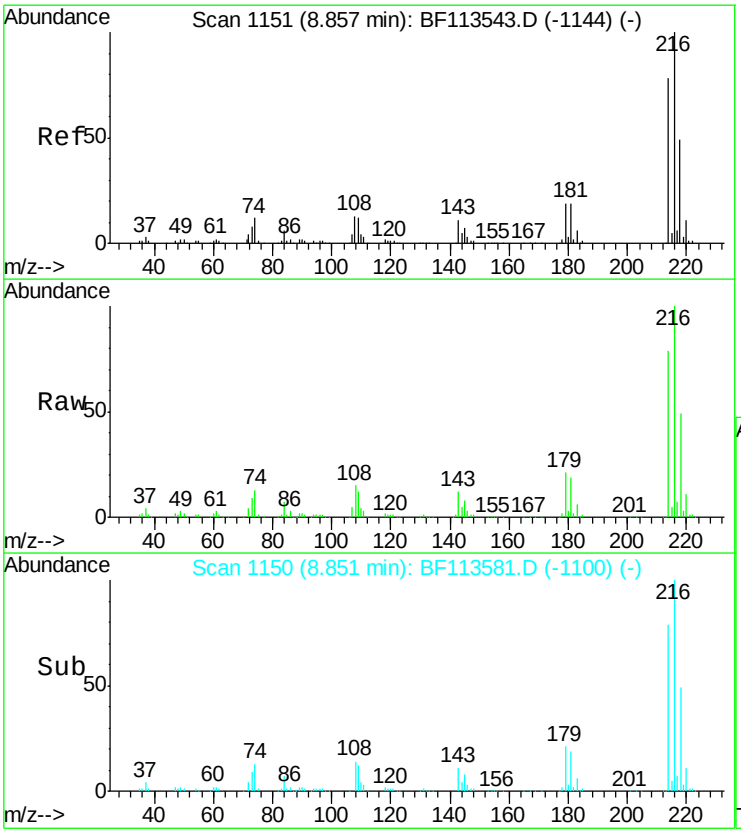
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 336005

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	43.6	36.4	54.6

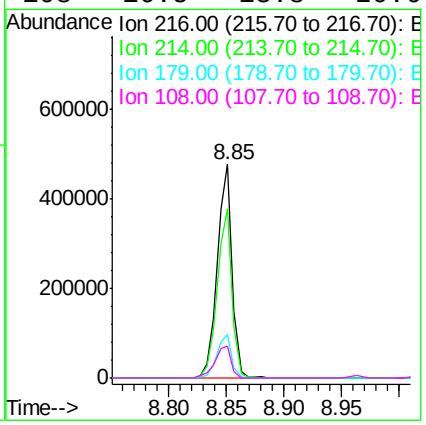


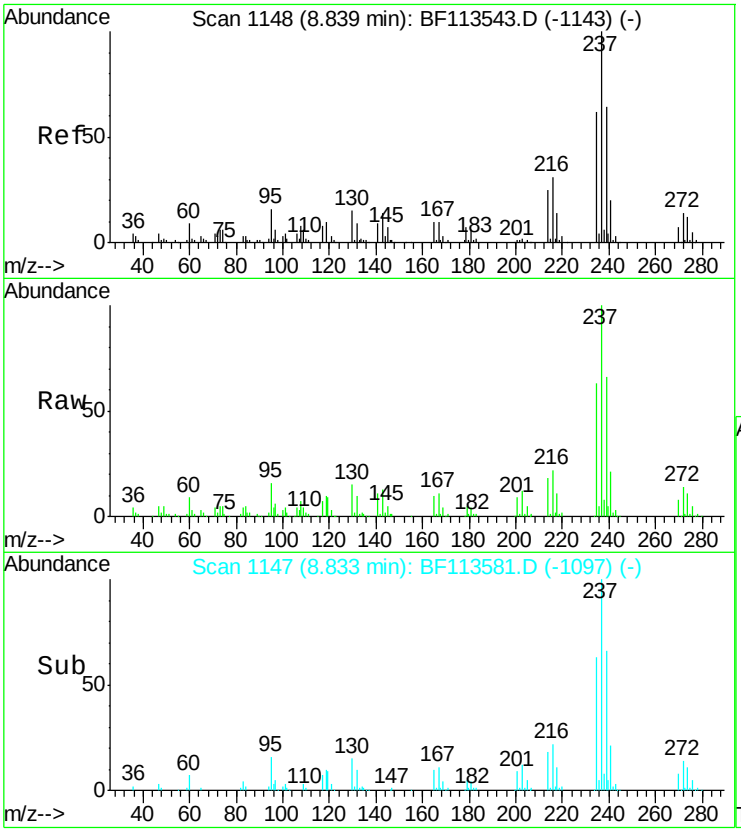


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.986 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:216 Resp: 423651

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.4	16.8	25.2
108	16.5	13.8	20.6



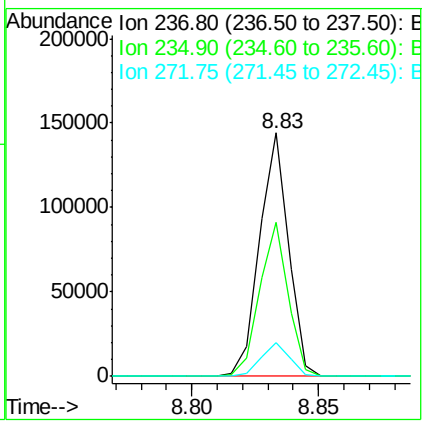


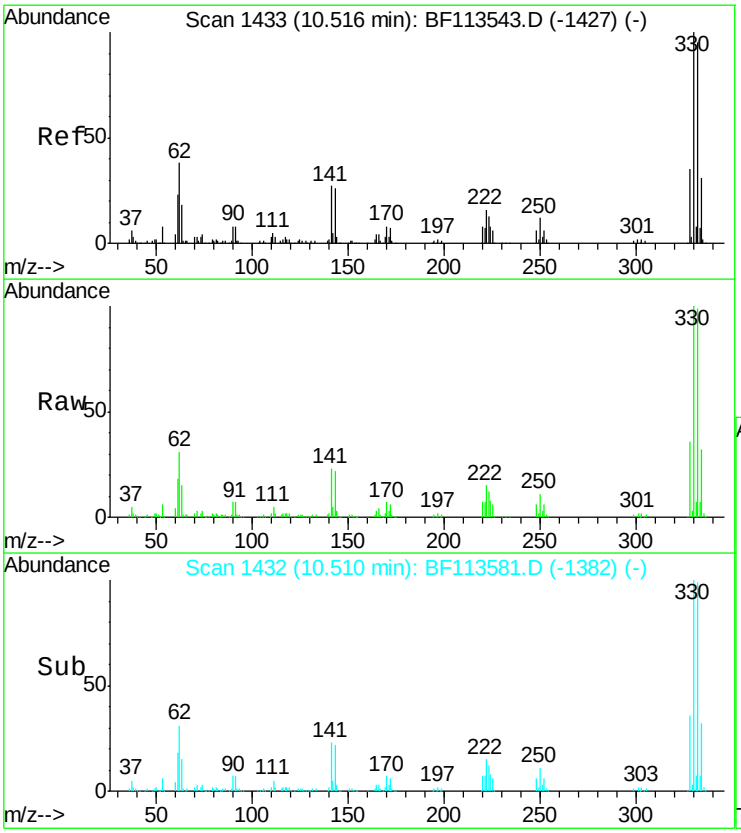
#41
Hexachlorocyclopentadiene
Concen: 38.640 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 115363

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	14.1	0.0	33.7

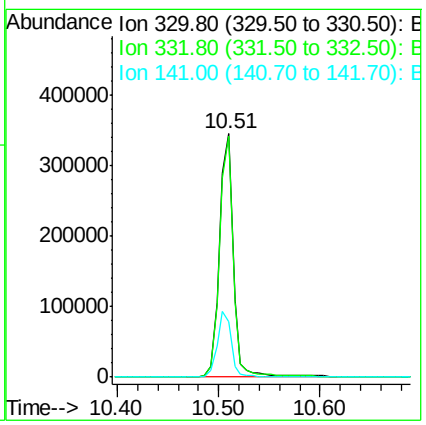


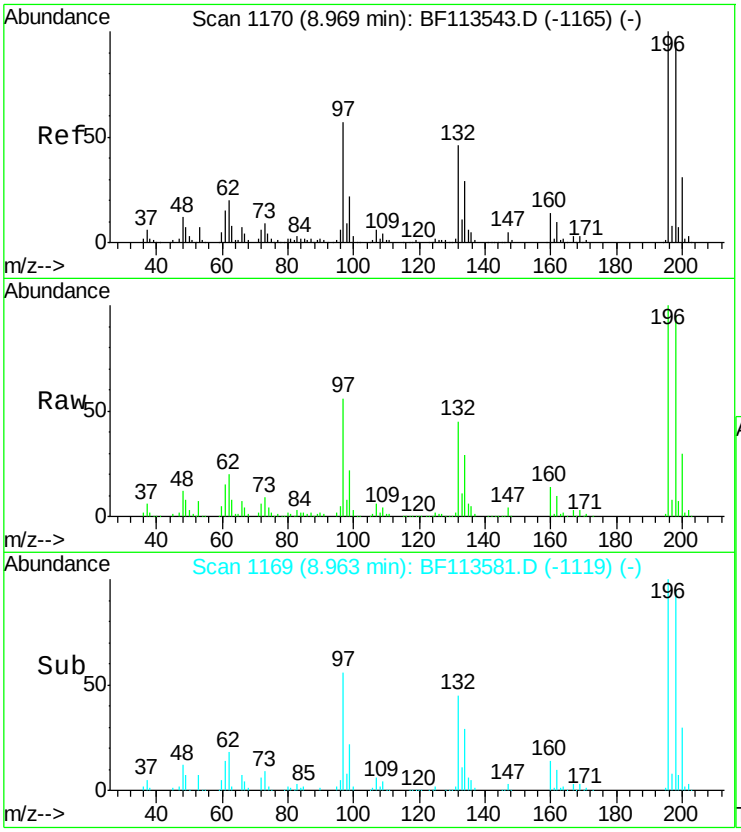


#42
2,4,6-Tribromophenol
Concen: 81.981 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:330 Resp: 330894

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.6
141	27.2	22.7	34.1



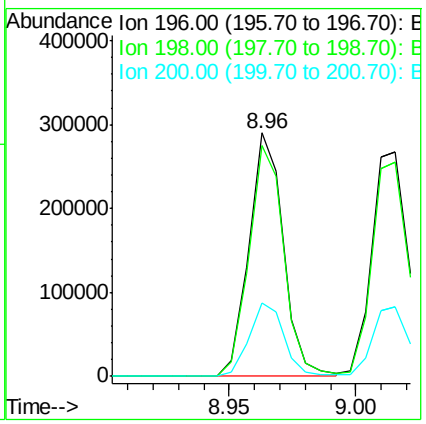


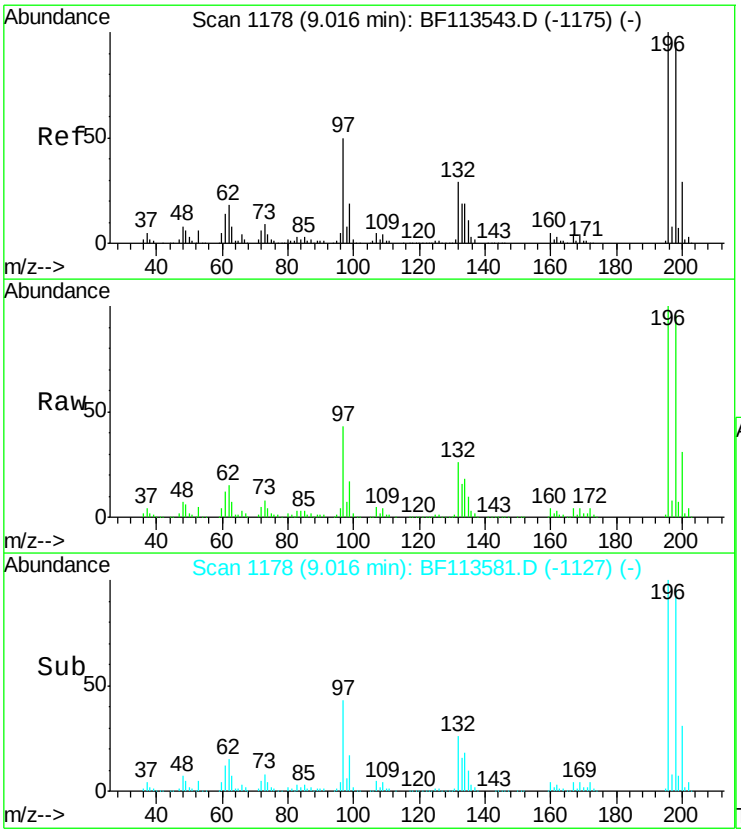
#43
2,4,6-Trichlorophenol
Concen: 40.142 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 275347

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.7	116.5
200	30.3	24.9	37.3

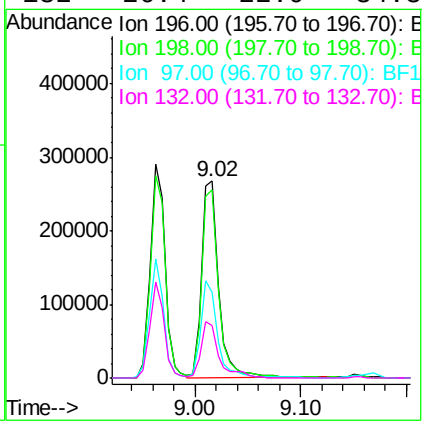


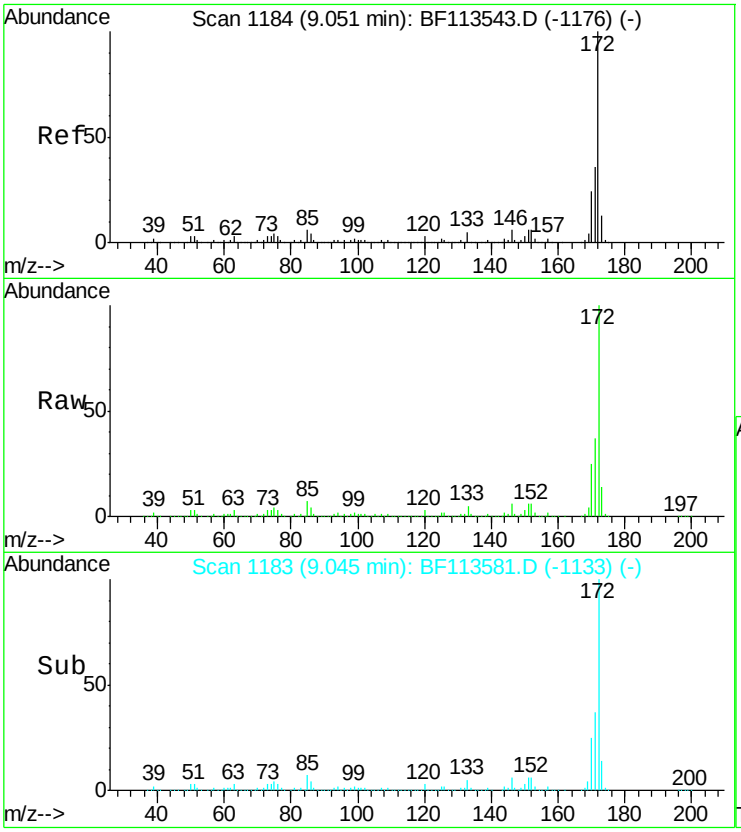


#44
2,4,5-Trichlorophenol
Concen: 40.505 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:196 Resp: 298281

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.2
97	43.3	38.6	58.0
132	26.4	22.9	34.3



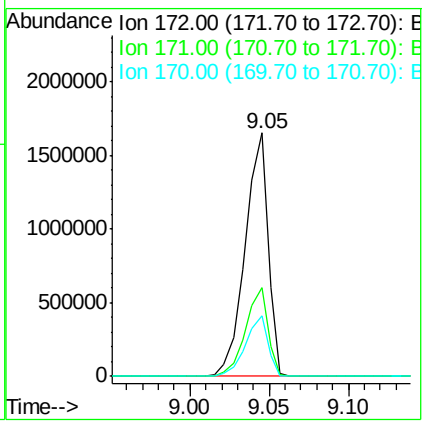


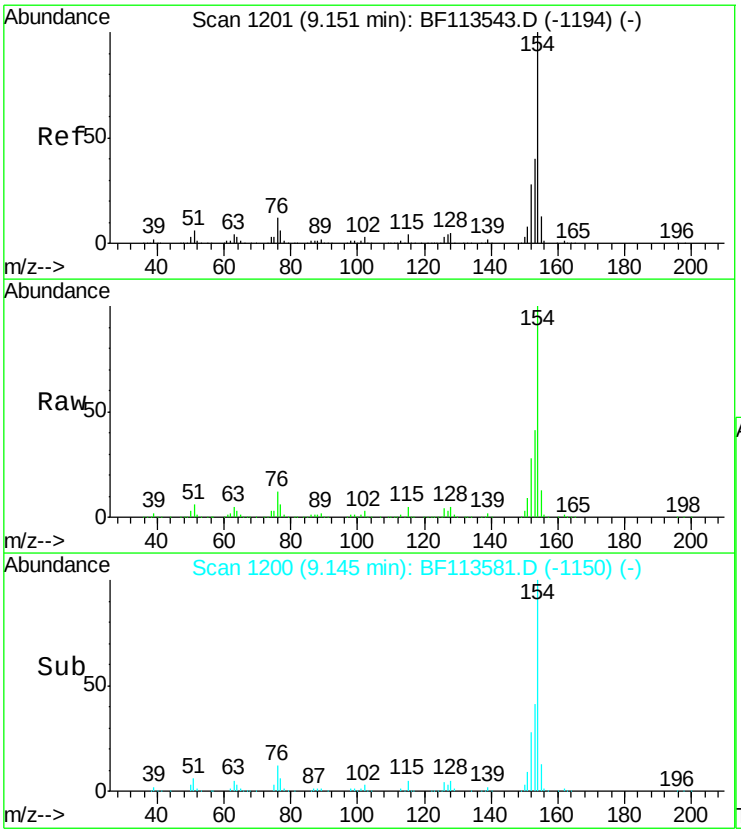
#45
2-Fluorobiphenyl
Concen: 79.520 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1659681

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.9	19.5	29.3

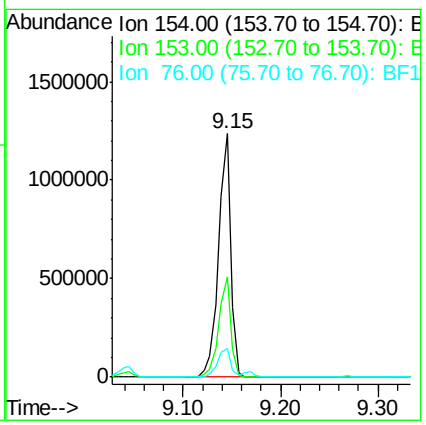


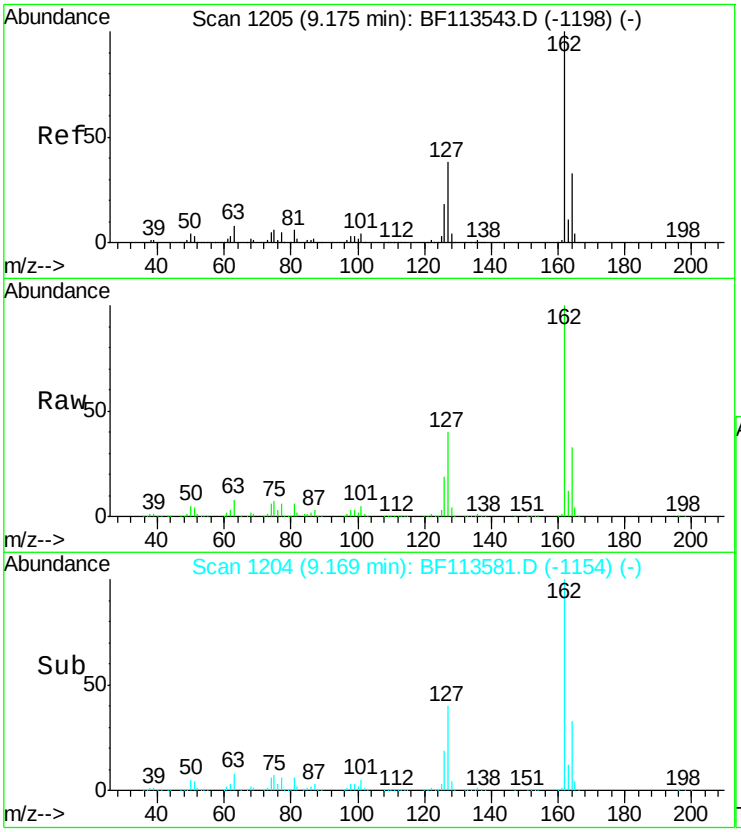


#46
1,1'-Biphenyl
Concen: 38.956 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:154 Resp: 1080113

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	11.8	0.0	31.9



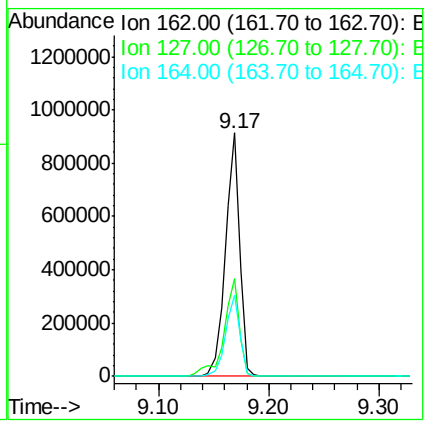


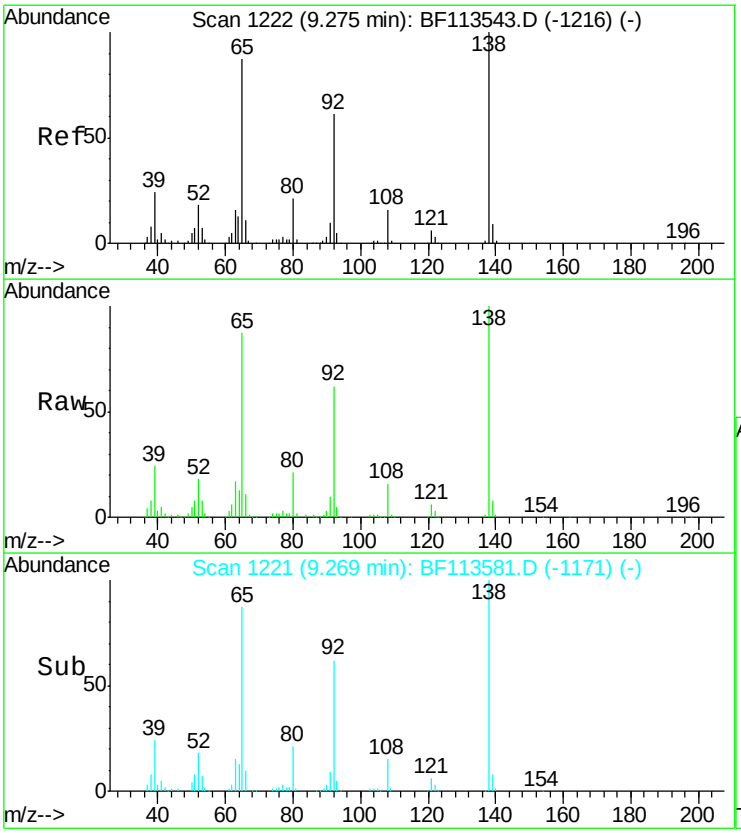
#47
2-Chloronaphthalene
Concen: 39.276 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 824527

Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	49.0
164	33.4	26.6	39.8

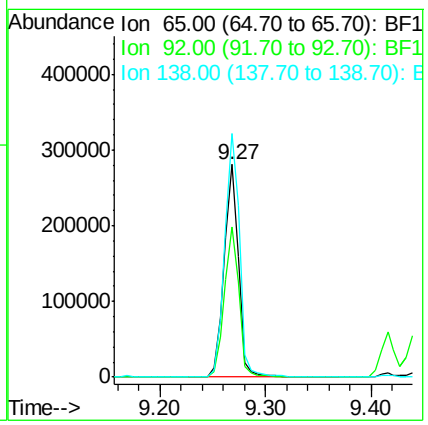


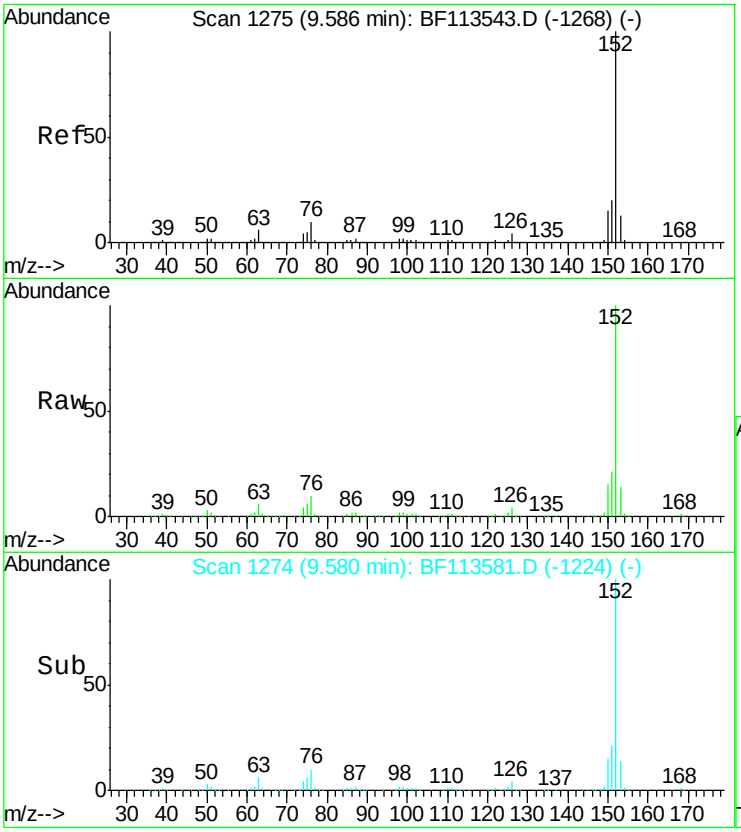


#48
2-Nitroaniline
Concen: 41.767 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 65 Resp: 268299

Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.8	85.2
138	114.6	92.3	138.5



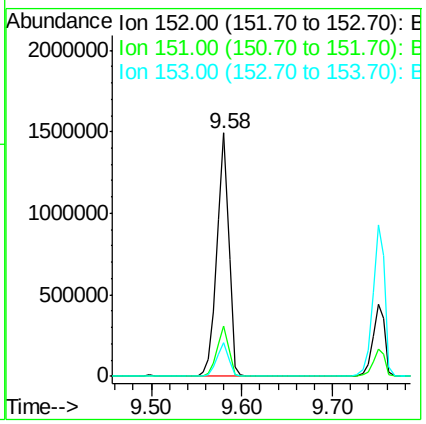


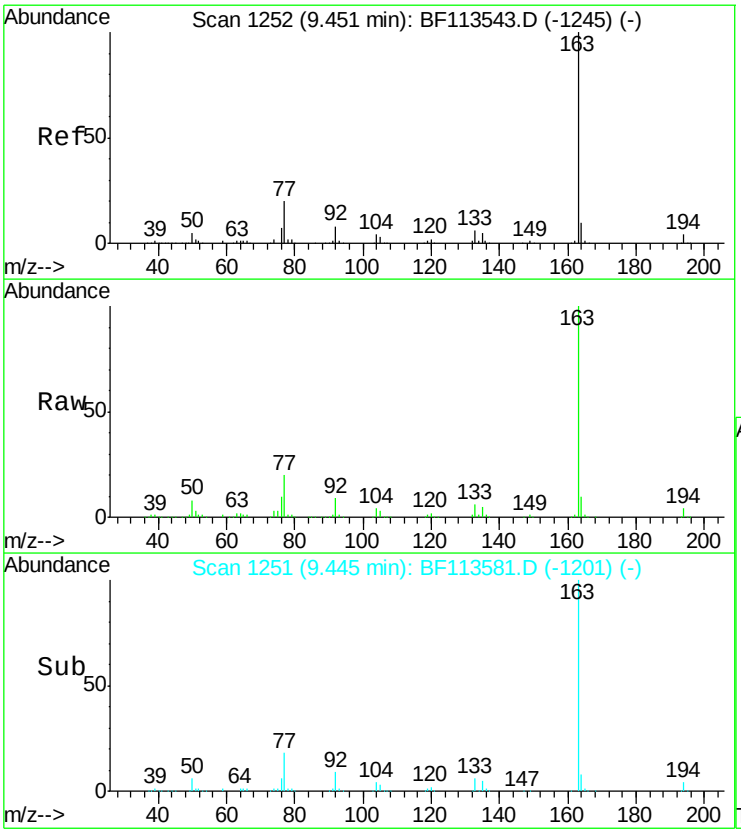
#49
Acenaphthylene
Concen: 39.058 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1333319

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.7	11.0	16.6

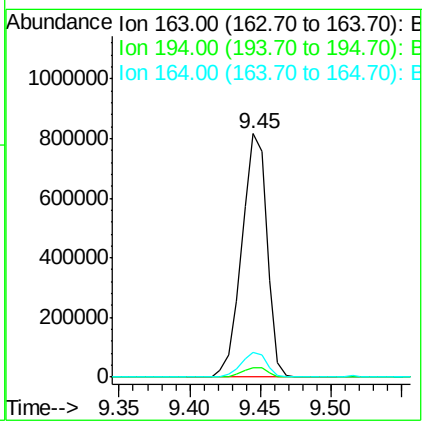


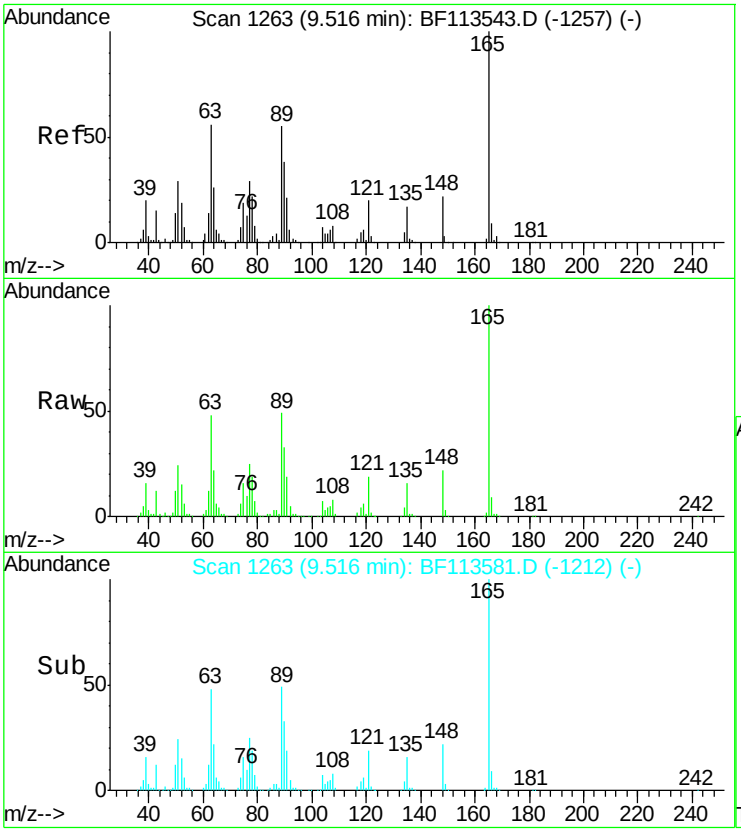


#50
Dimethylphthalate
Concen: 41.083 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:163 Resp: 1017548

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1



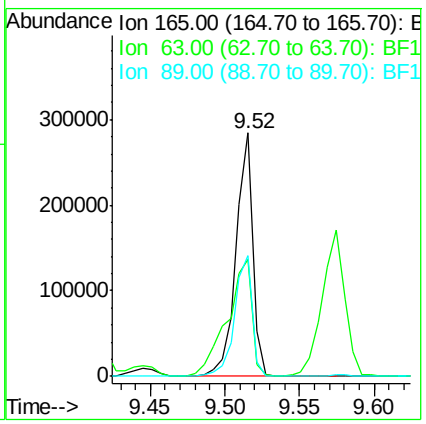


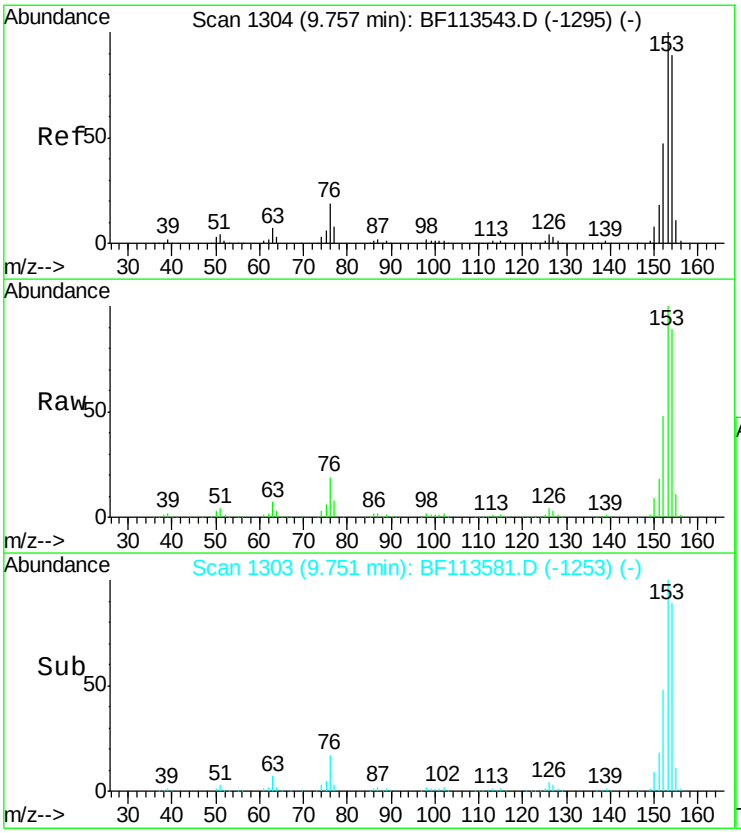
#51
2,6-Dinitrotoluene
Concen: 41.525 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 226707

Ion	Ratio	Lower	Upper
165	100		
63	48.0	43.4	65.0
89	49.4	43.1	64.7

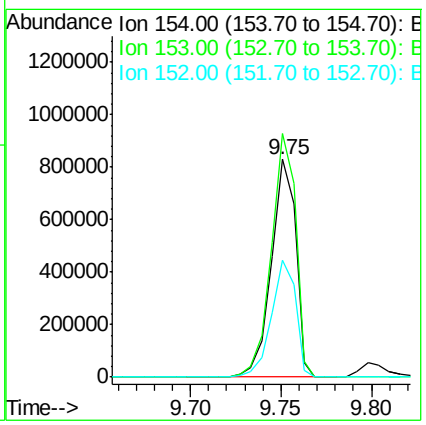


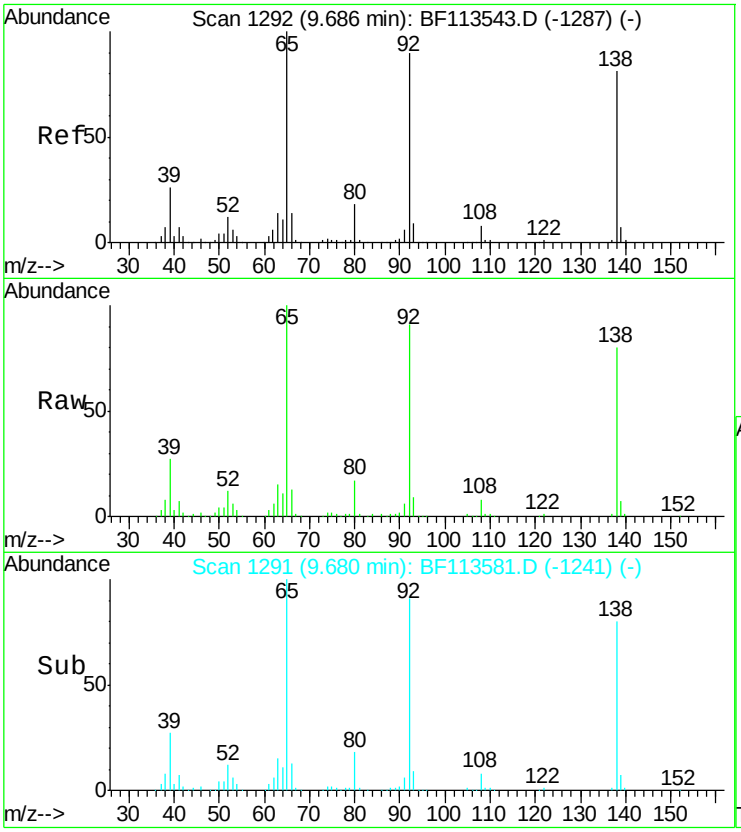


#52
Acenaphthene
Concen: 39.782 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:154 Resp: 777368

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.6	43.3	64.9



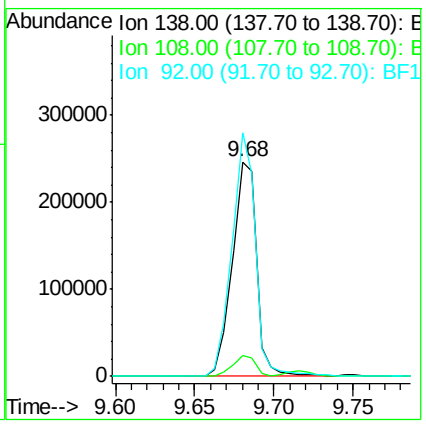


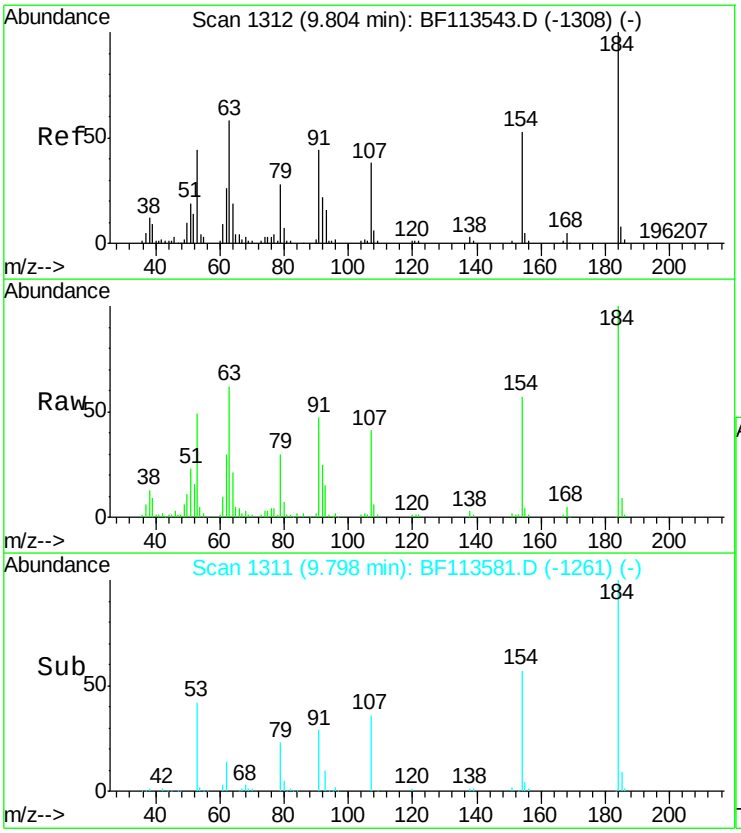
#53
3-Nitroaniline
Concen: 42.395 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 263158

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	113.4	82.6	124.0

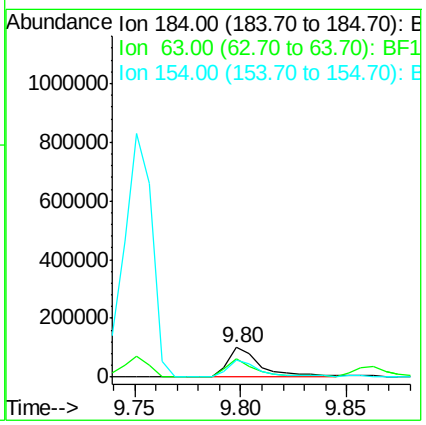


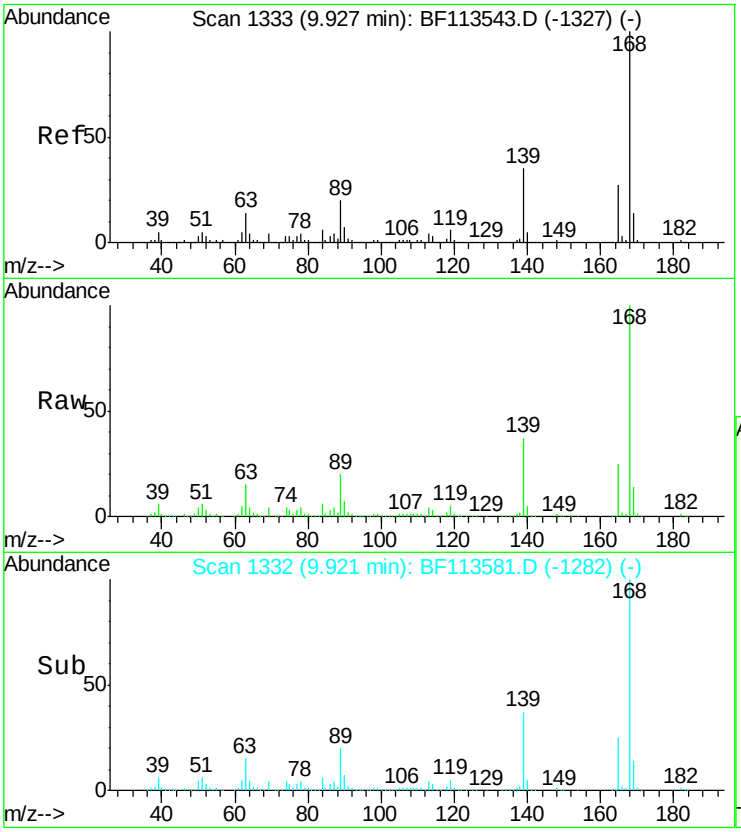


#54
2,4-Dinitrophenol
Concen: 42.413 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:184 Resp: 108332

Ion	Ratio	Lower	Upper
184	100		
63	62.2	54.3	81.5
154	57.2	48.4	72.6



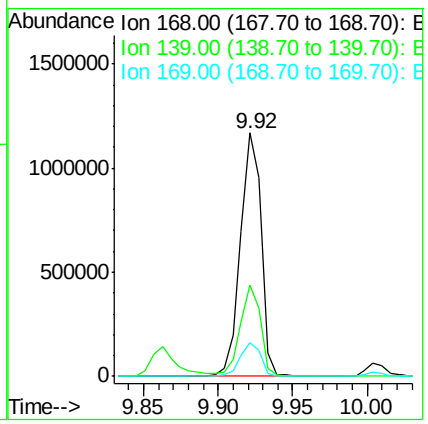


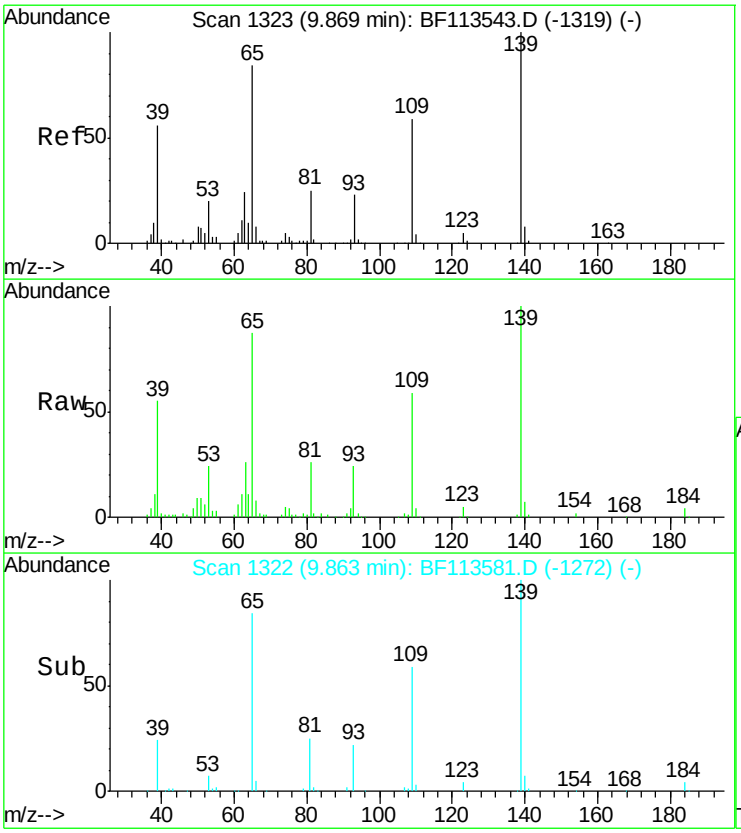
#55
Dibenzofuran
Concen: 39.560 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1133956

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	13.9	10.7	16.1

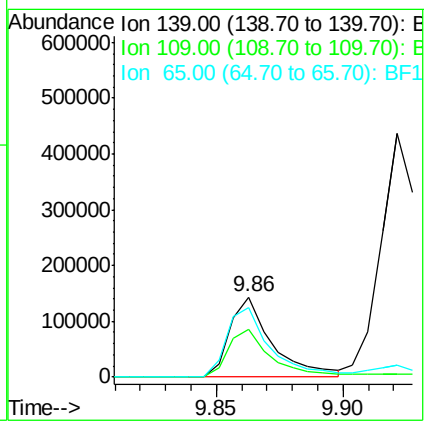


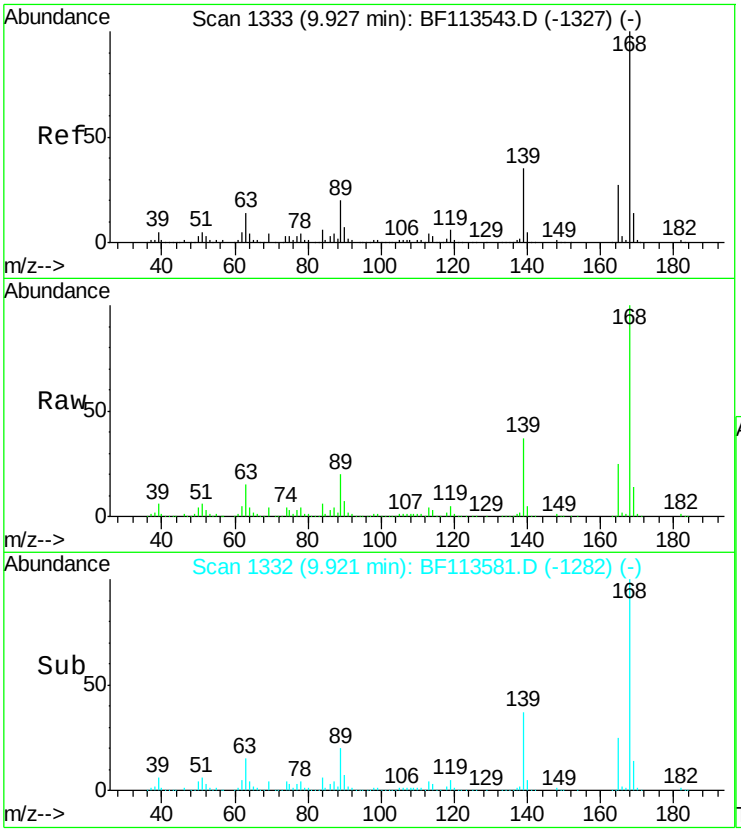


#56
4-Nitrophenol
Concen: 43.296 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:139 Resp: 166712

Ion	Ratio	Lower	Upper
139	100		
109	59.5	46.9	86.9
65	87.2	77.2	117.2



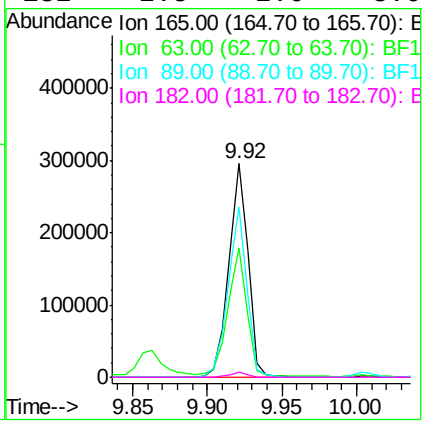


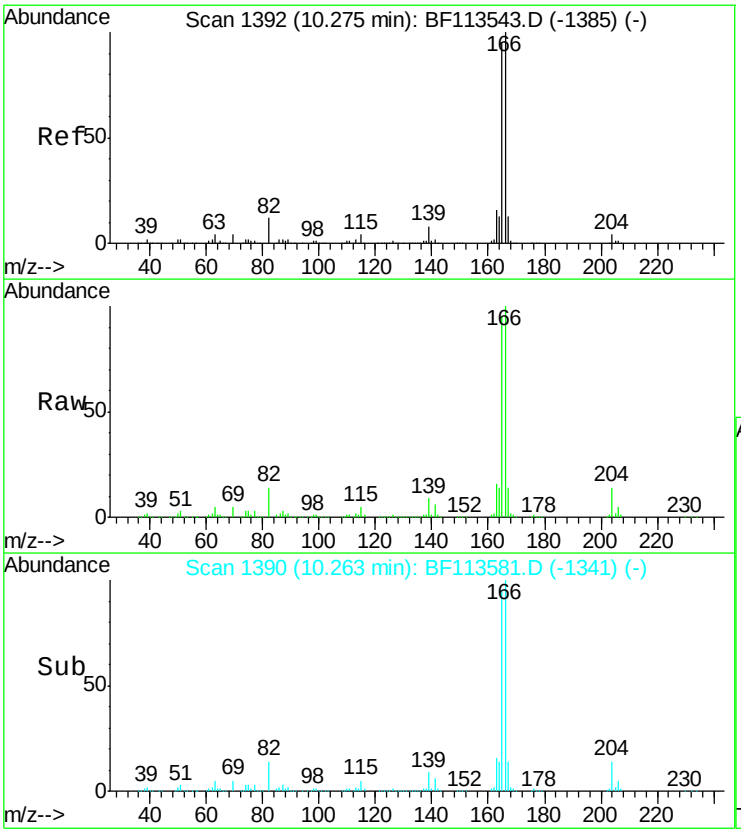
#57
2,4-Dinitrotoluene
Concen: 41.289 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 272629

Ion	Ratio	Lower	Upper
165	100		
63	60.3	37.5	56.3#
89	79.9	57.4	86.2
182	2.5	2.0	3.0

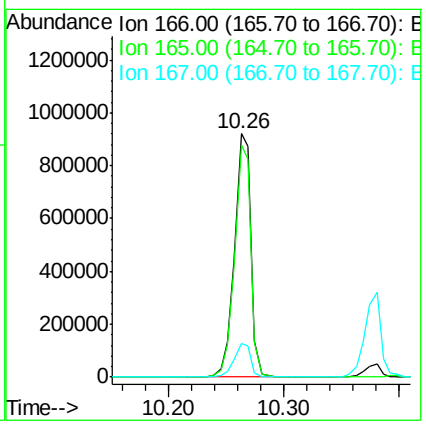


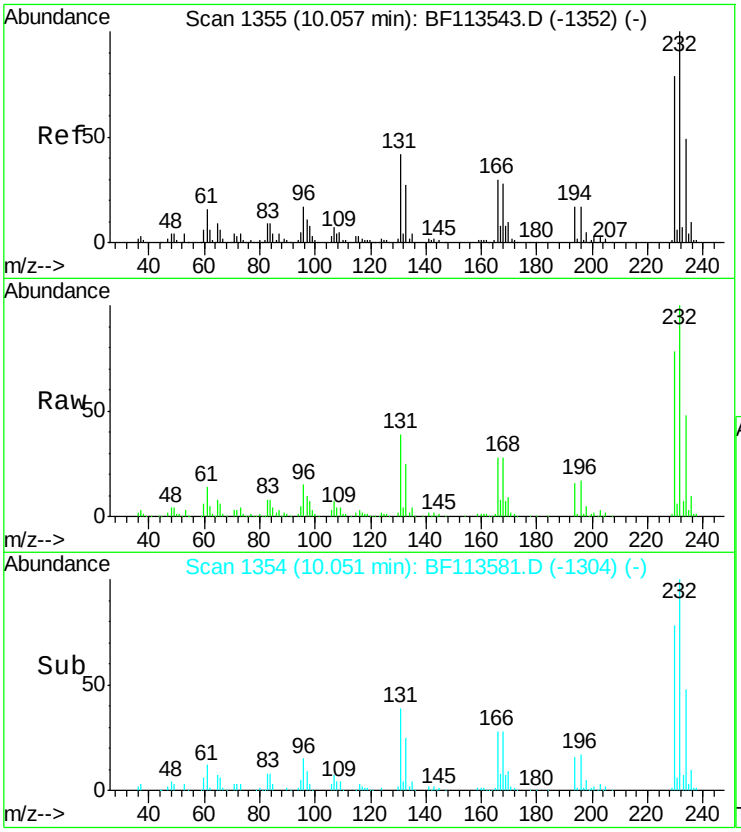


#58
Fluorene
Concen: 39.864 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:166 Resp: 903765

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.2	114.2
167	14.0	10.7	16.1



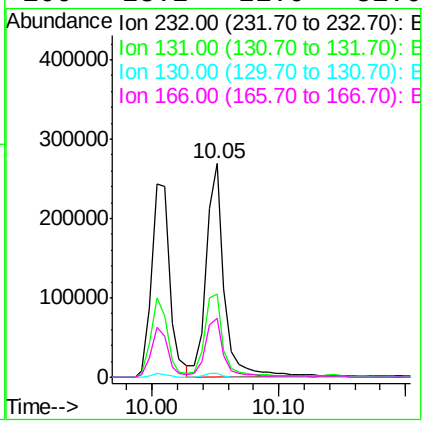


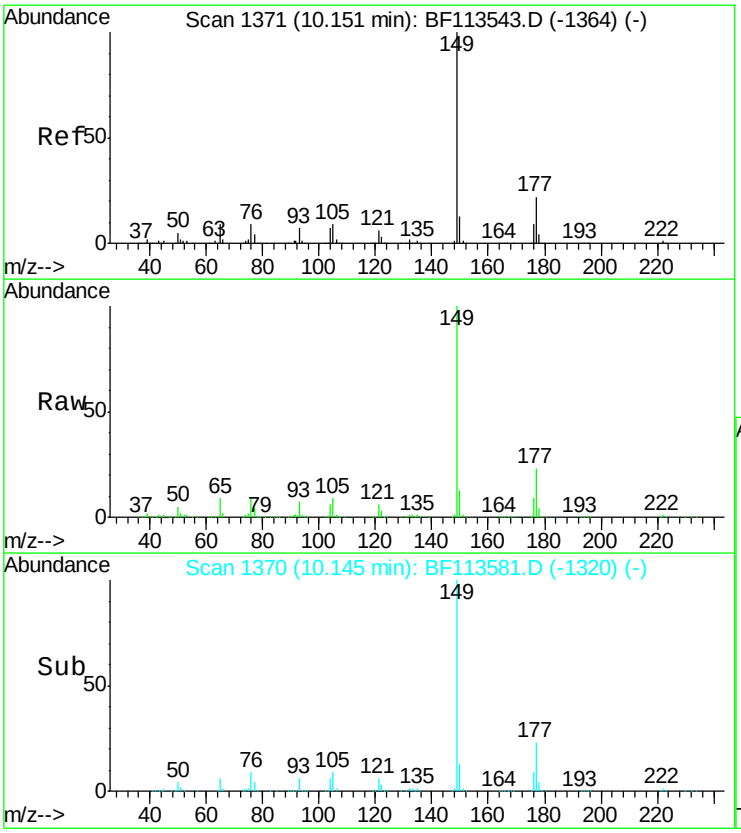
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.233 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 262834

Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.2	49.8
130	2.0	1.6	2.4
166	28.2	21.0	31.6

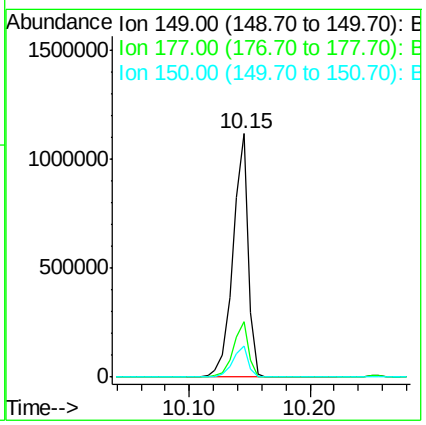


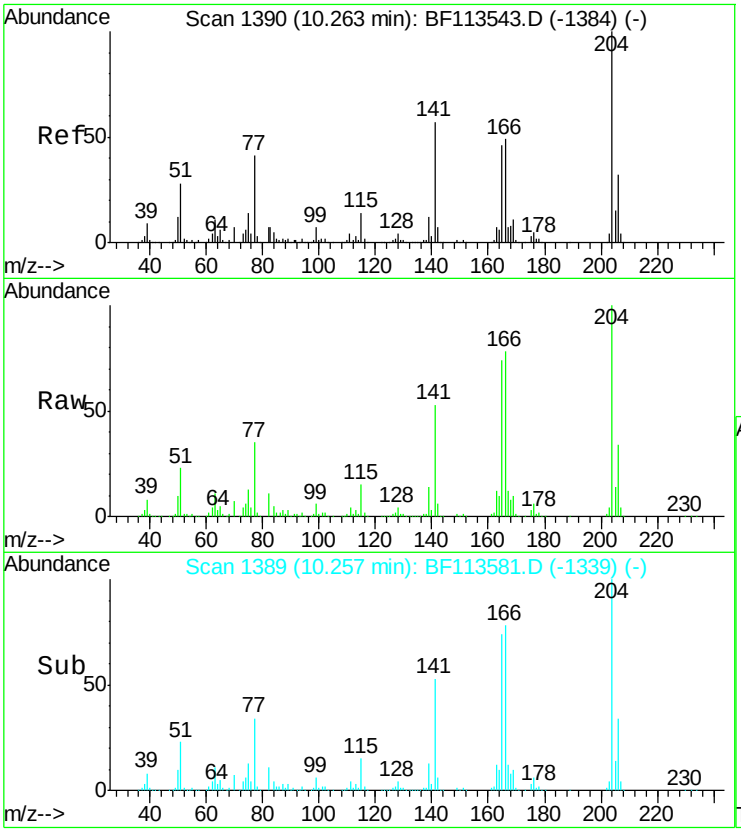


#60
Diethylphthalate
Concen: 40.910 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 976916

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.0
150	12.8	10.0	15.0



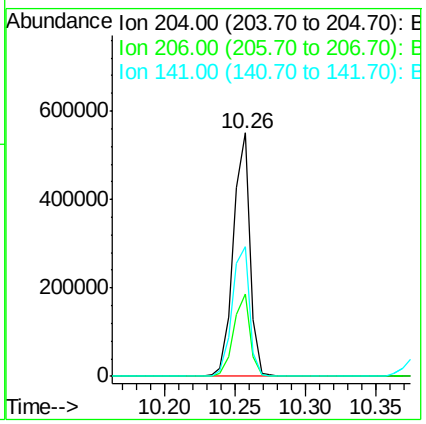


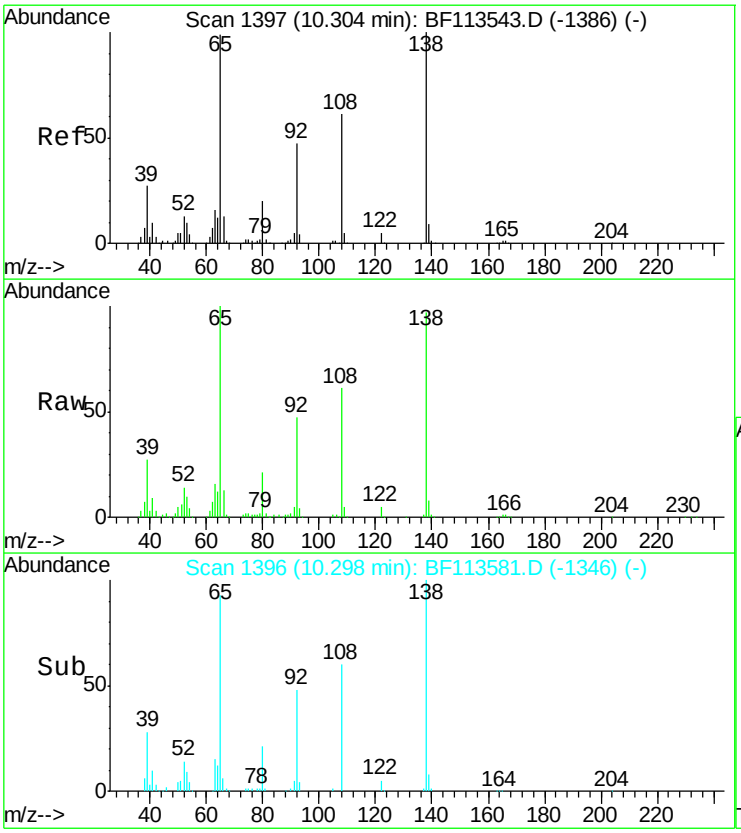
#61
4-Chlorophenyl-phenylether
Concen: 40.489 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 451507

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	53.1	48.8	73.2

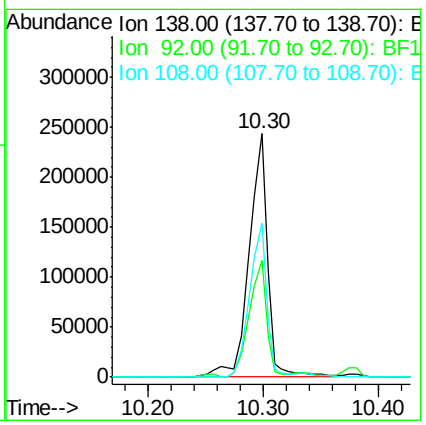


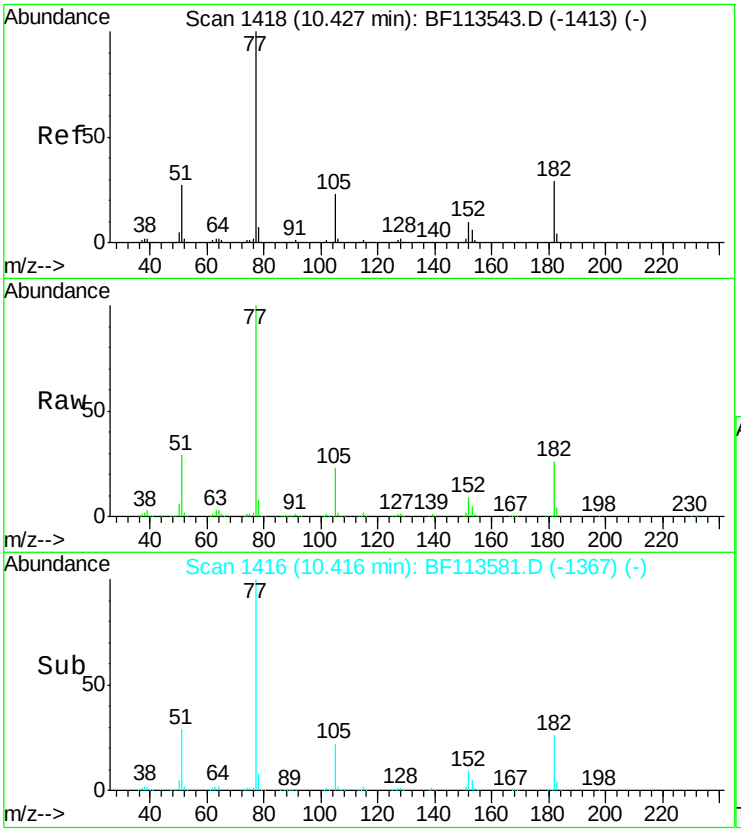


#62
4-Nitroaniline
Concen: 42.958 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:138 Resp: 271152

Ion	Ratio	Lower	Upper
138	100		
92	48.0	25.8	65.8
108	63.4	44.0	84.0



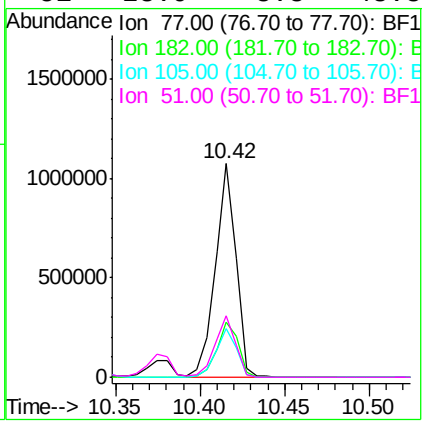


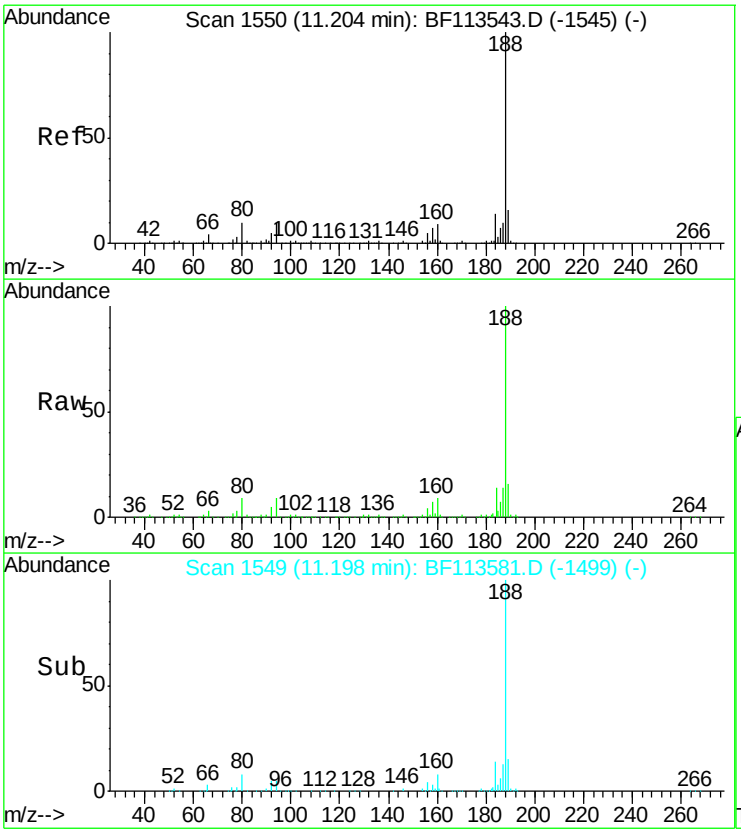
#63
Azobenzene
Concen: 40.574 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 917402

Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.7	48.7
105	22.9	2.9	42.9
51	28.9	8.8	48.8

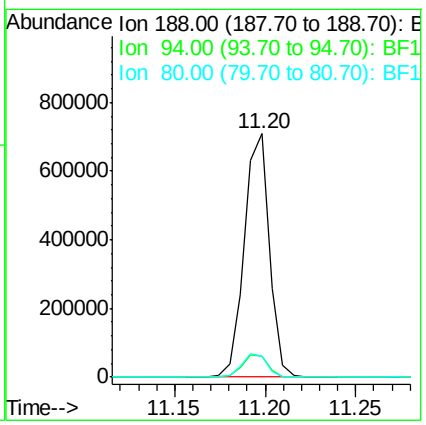


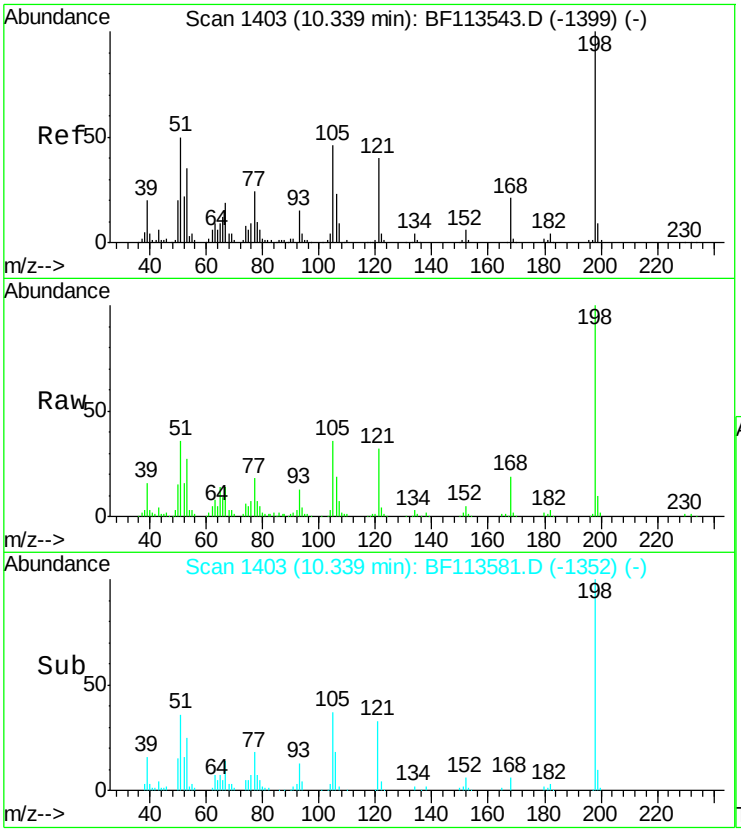


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:188 Resp: 681984

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



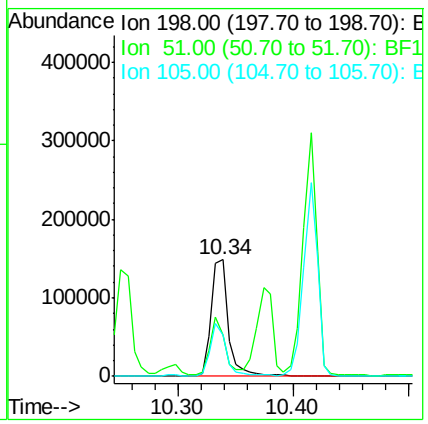


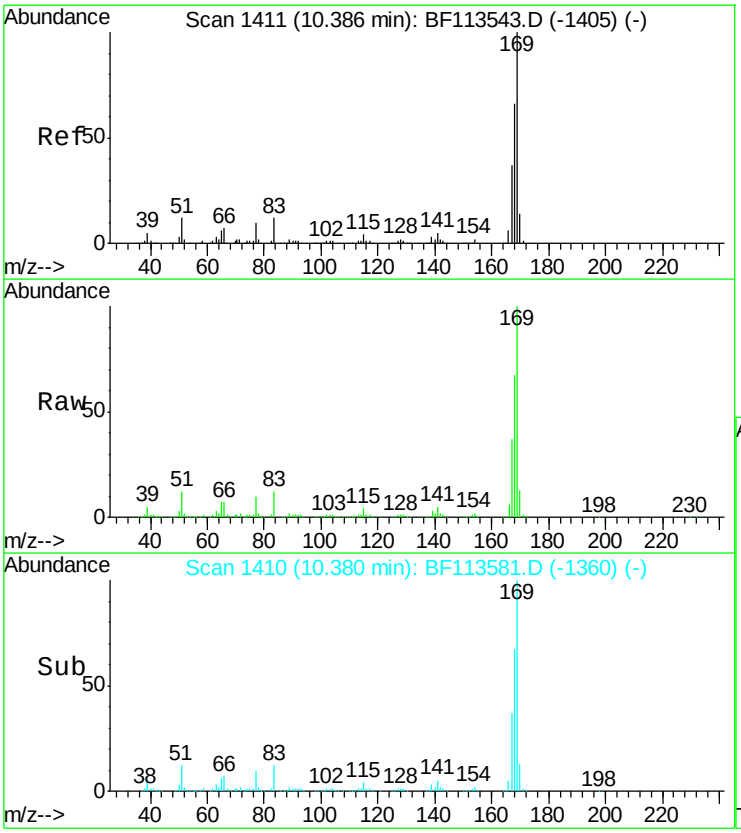
#65
4,6-Dinitro-2-methylphenol
Concen: 42.941 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 154173

Ion	Ratio	Lower	Upper
198	100		
51	35.7	21.6	61.6
105	36.0	20.6	60.6

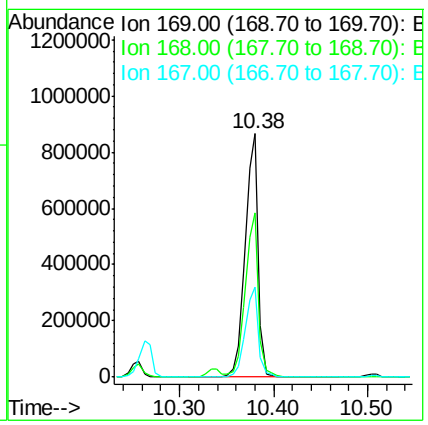


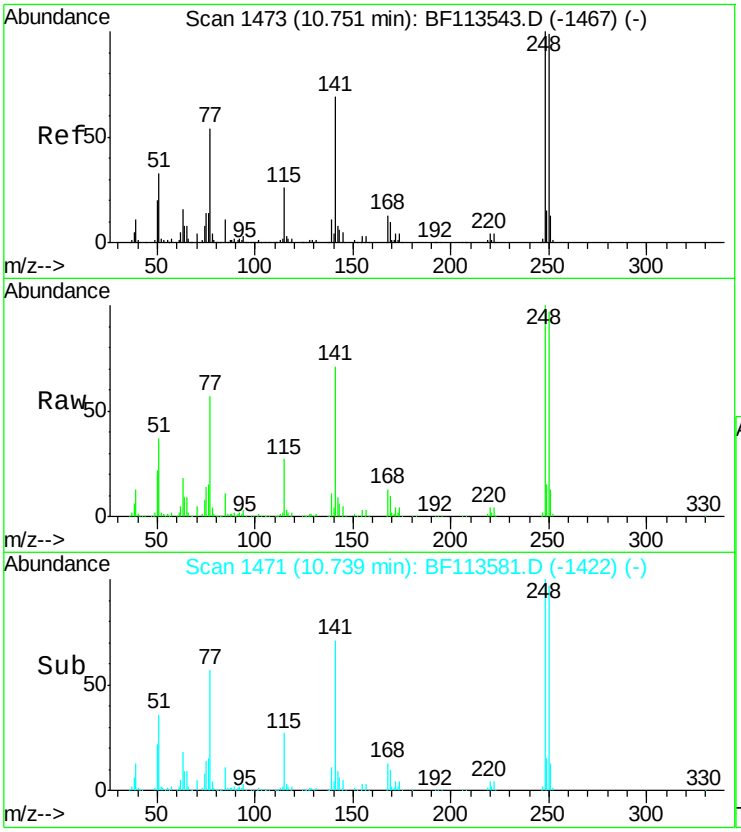


#66
n-Nitrosodiphenylamine
Concen: 39.578 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:169 Resp: 828631

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.2	29.5	44.3



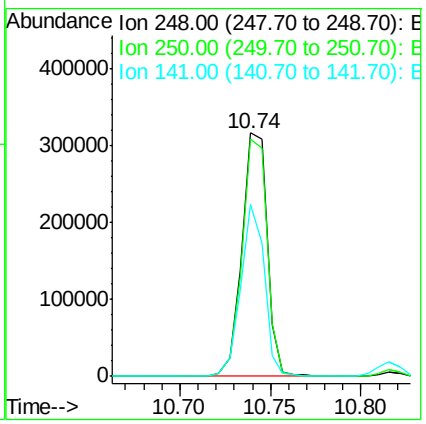


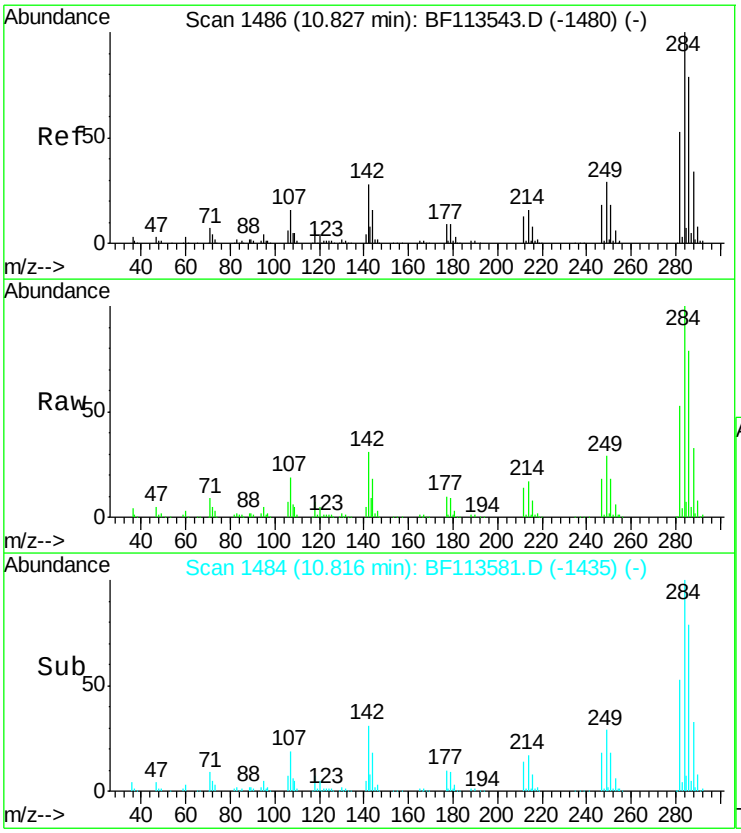
#67
4-Bromophenyl-phenylether
Concen: 40.165 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 307214

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.3	117.5
141	70.6	56.2	84.4

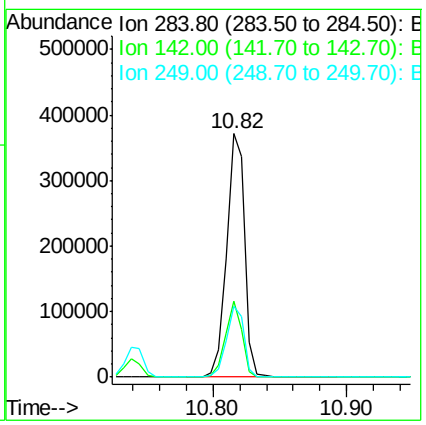


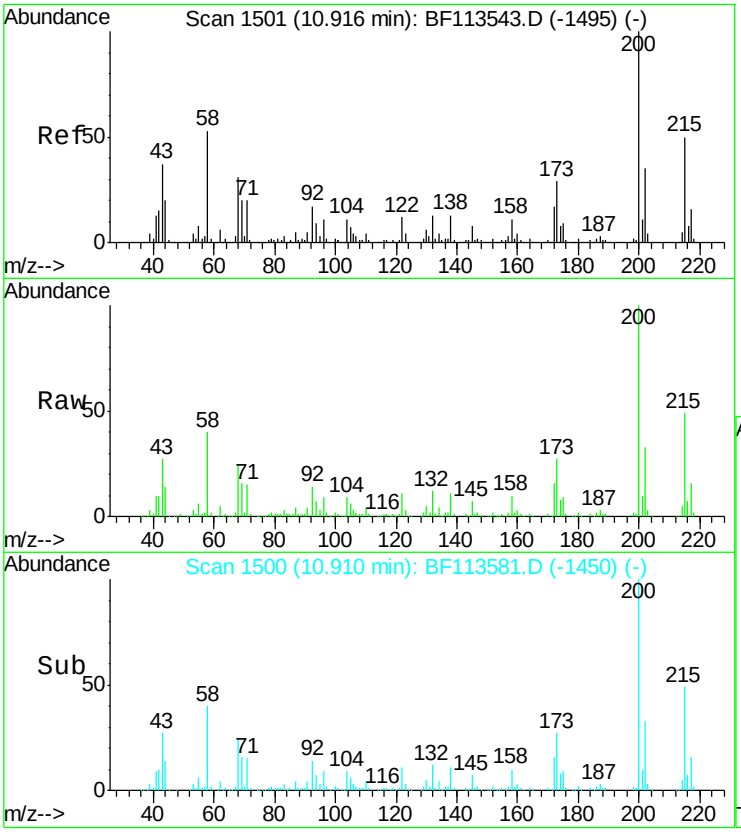


#68
Hexachlorobenzene
Concen: 40.425 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:284 Resp: 354289

Ion	Ratio	Lower	Upper
284	100		
142	31.1	20.1	30.1#
249	29.1	22.7	34.1



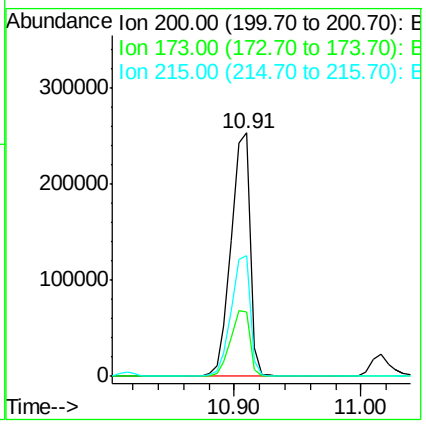


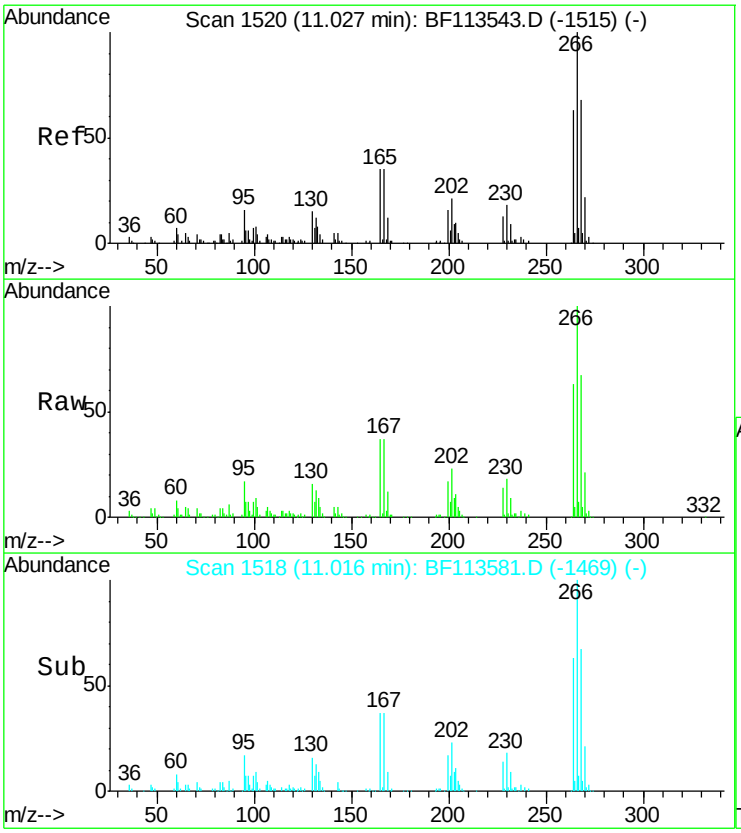
#69
Atrazine
Concen: 39.720 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 262115

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.0	46.0
215	49.5	31.3	71.3

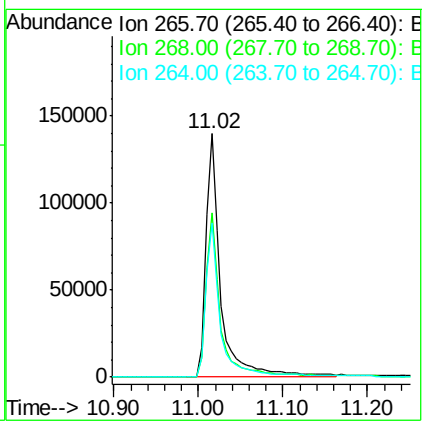


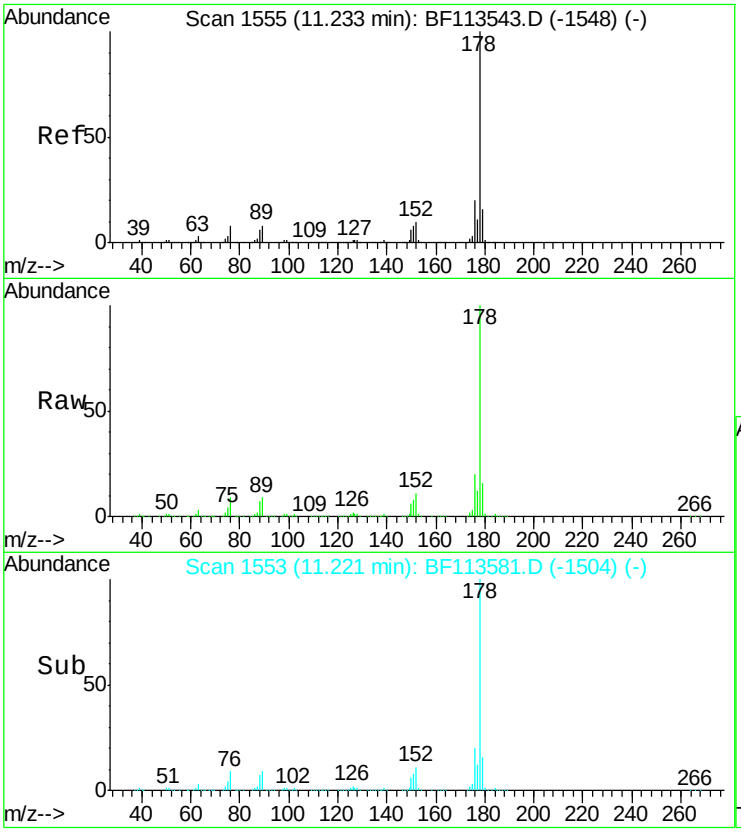


#70
Pentachlorophenol
Concen: 41.673 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:266 Resp: 172098

Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.8	80.6
264	63.5	49.2	73.8



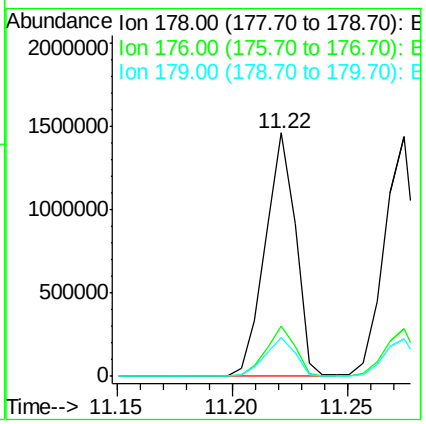


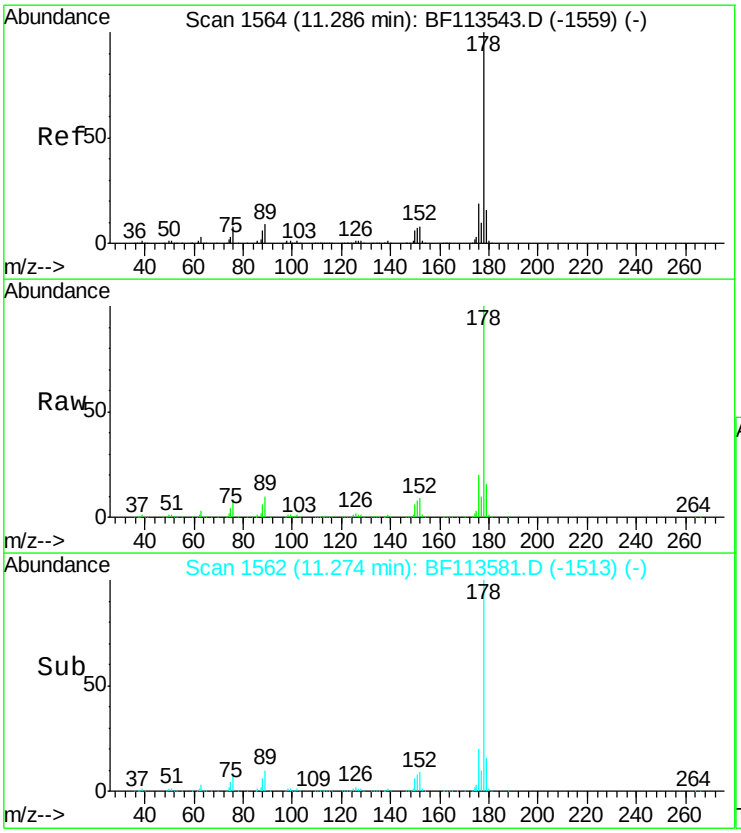
#71
Phenanthrene
Concen: 39.552 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1340362

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.2
179	16.1	12.7	19.1

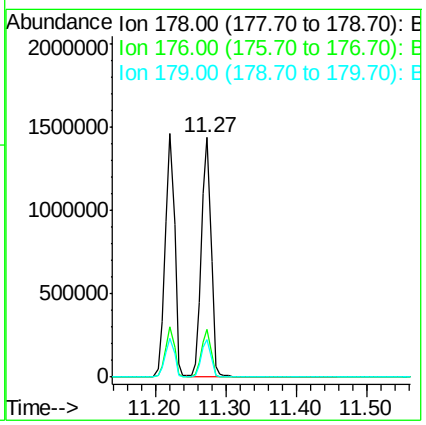


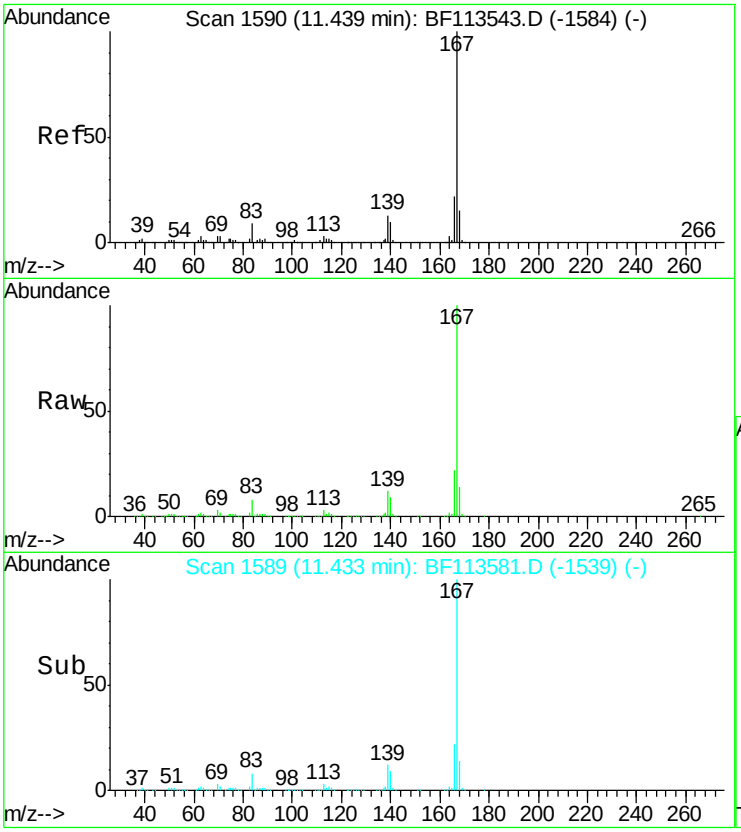


#72
Anthracene
Concen: 40.055 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:178 Resp: 1381047

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.9	12.8	19.2



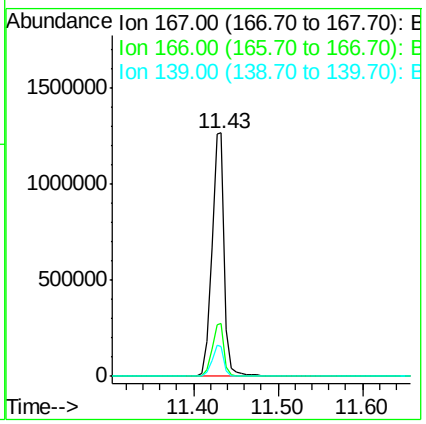


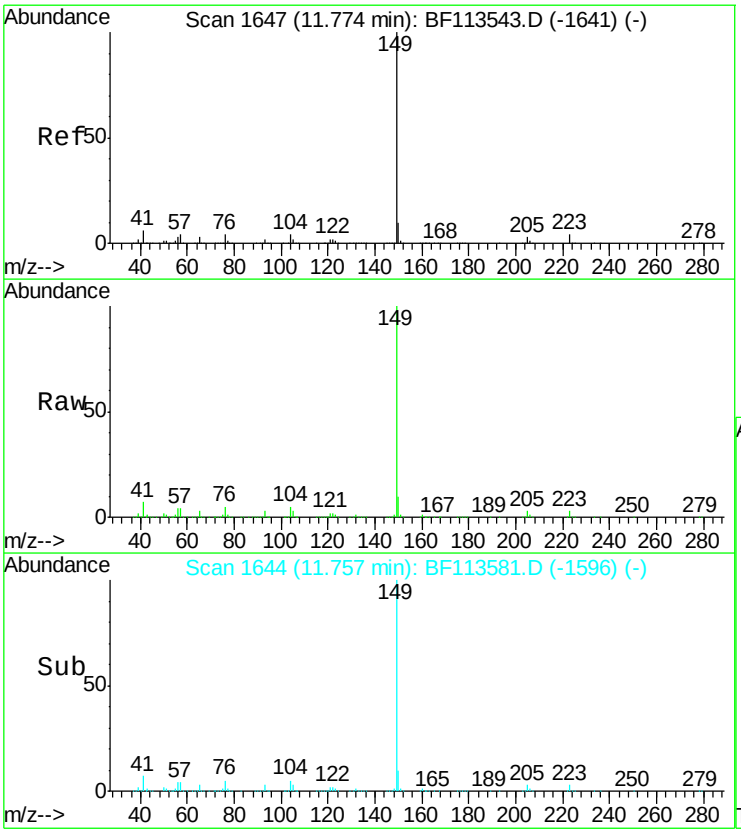
#73
Carbazole
Concen: 41.212 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1328980

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.4	10.4	15.6

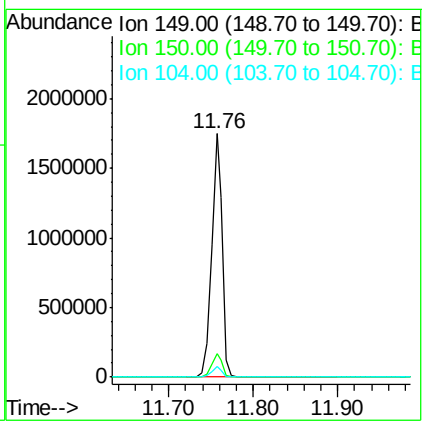


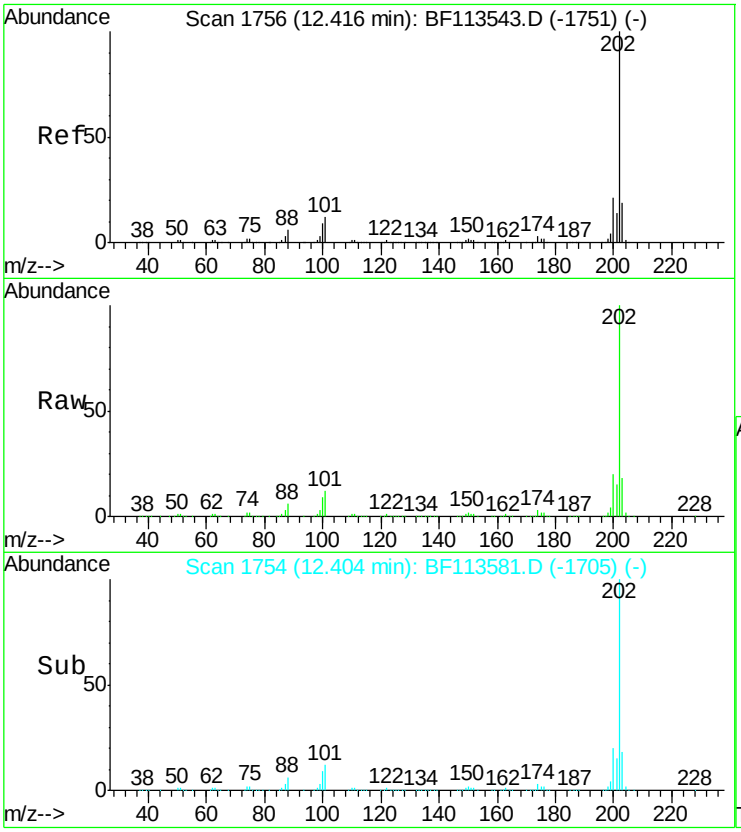


#74
Di-n-butylphthalate
Concen: 40.672 ng
RT: 11.76 min Scan# 1644
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 1560221

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.5	3.7	5.5



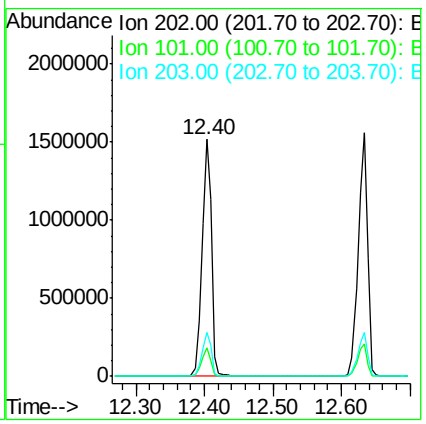


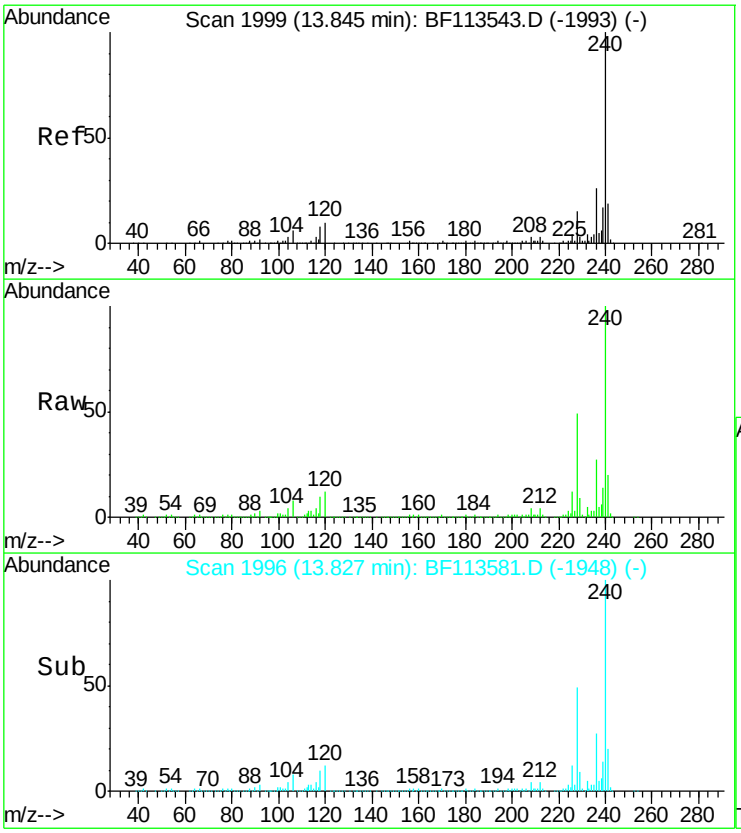
#75
Fluoranthene
Concen: 41.196 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1495984

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	18.3	0.0	38.0

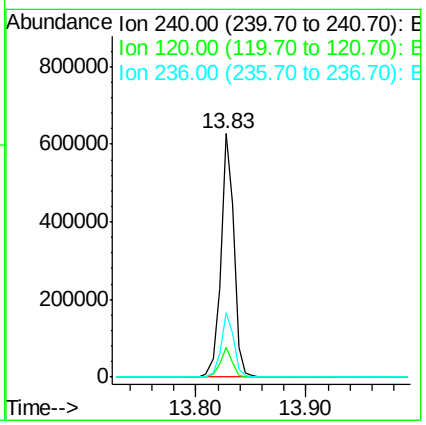


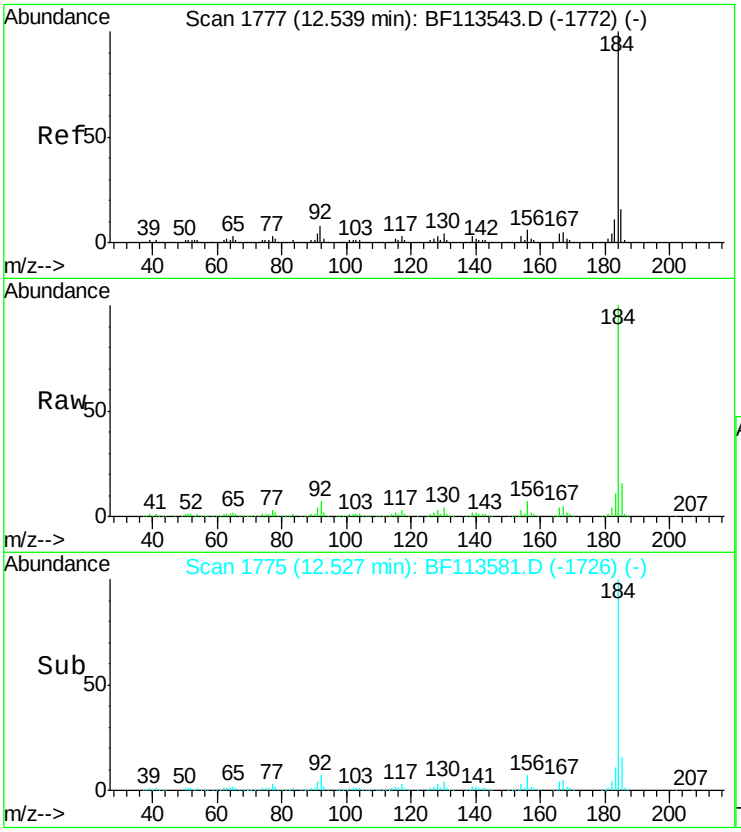


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:240 Resp: 512590

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.8	13.2
236	26.6	20.9	31.3



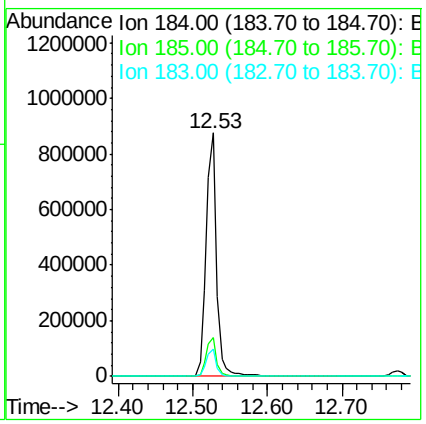


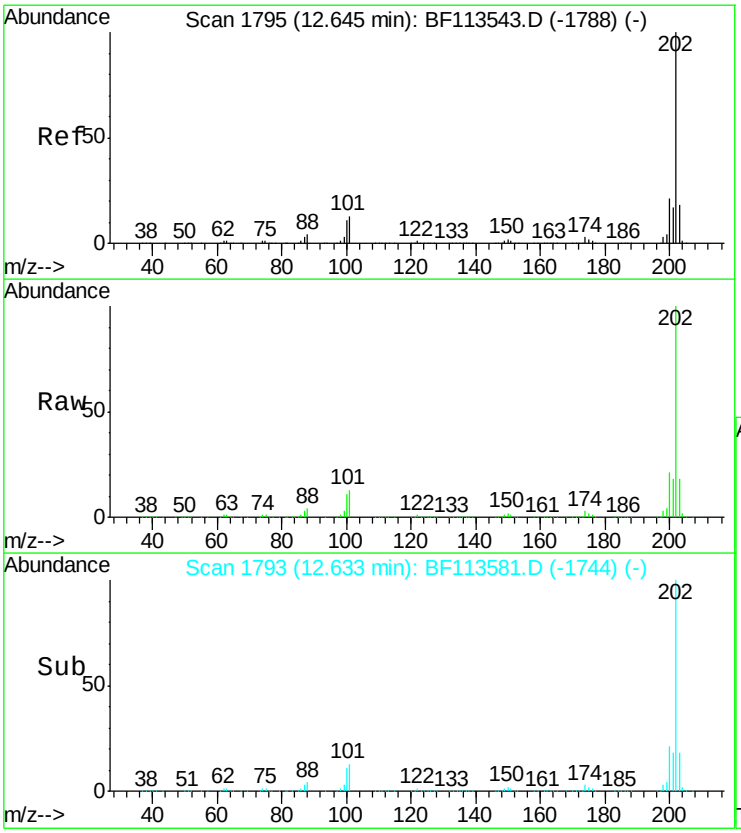
#77
Benzidine
Concen: 44.884 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 855551

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.6
183	11.1	9.0	13.4

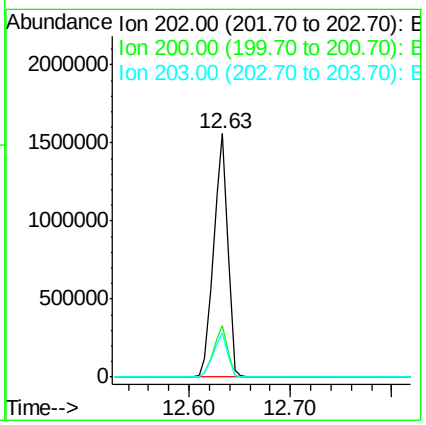


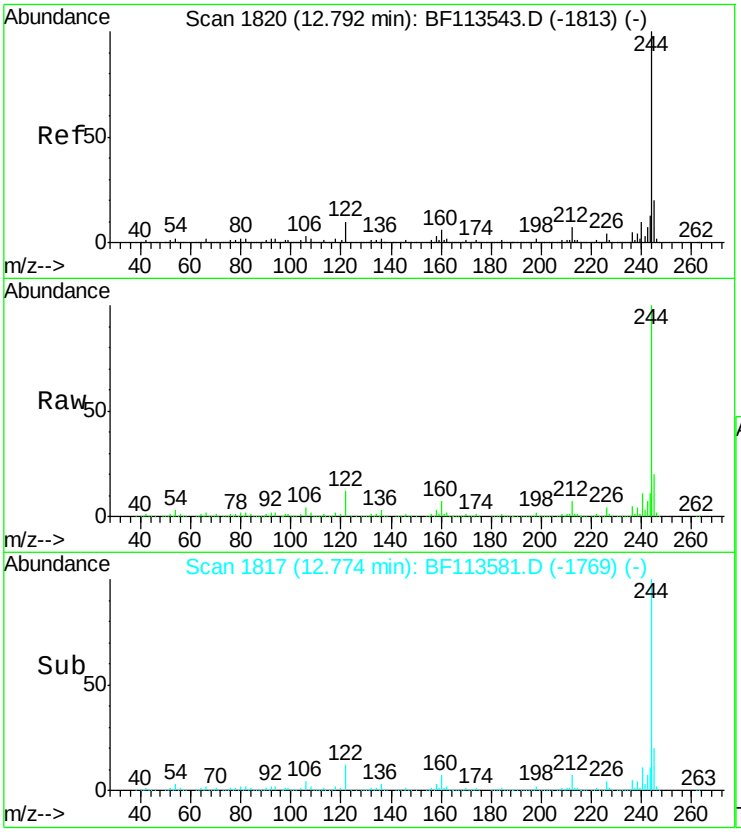


#78
Pyrene
Concen: 38.617 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:202 Resp: 1506167

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.2	14.4	21.6



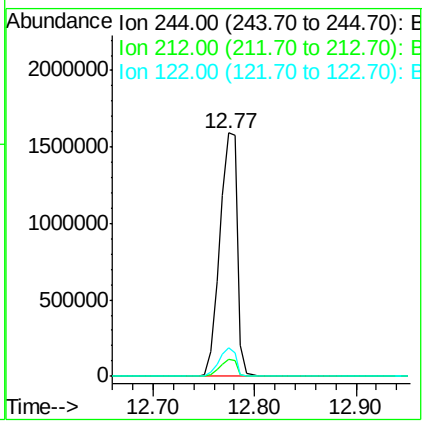


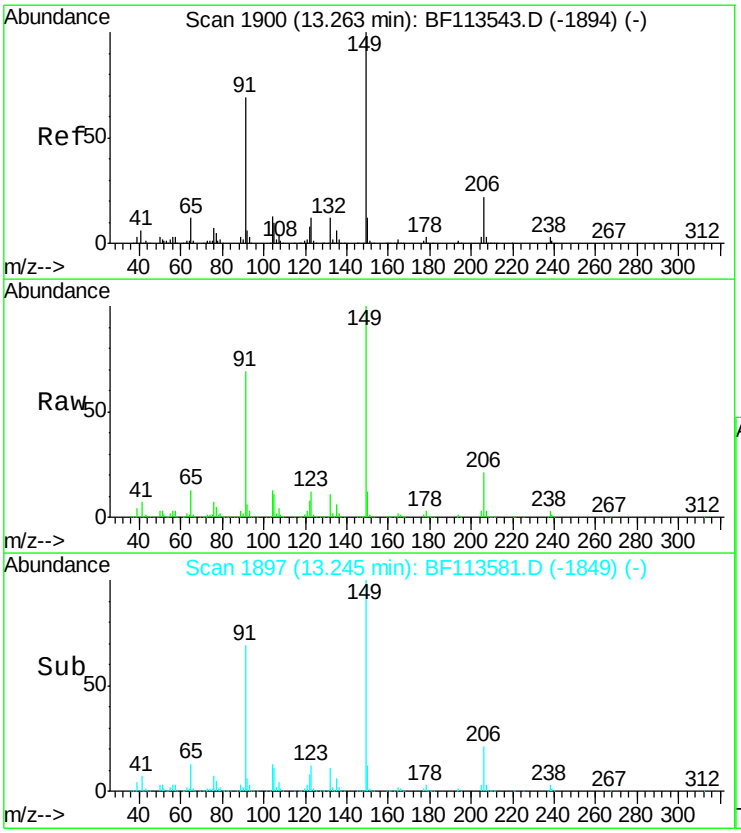
#79
Terphenyl-d14
Concen: 75.934 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1911719

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.6	8.6	13.0

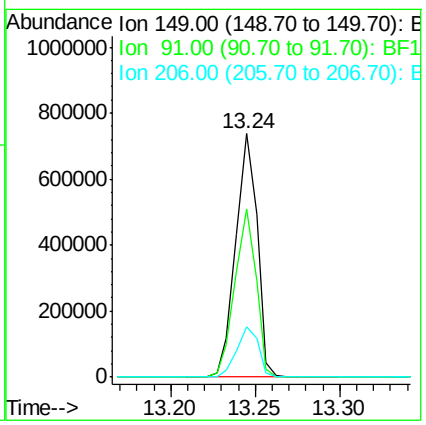


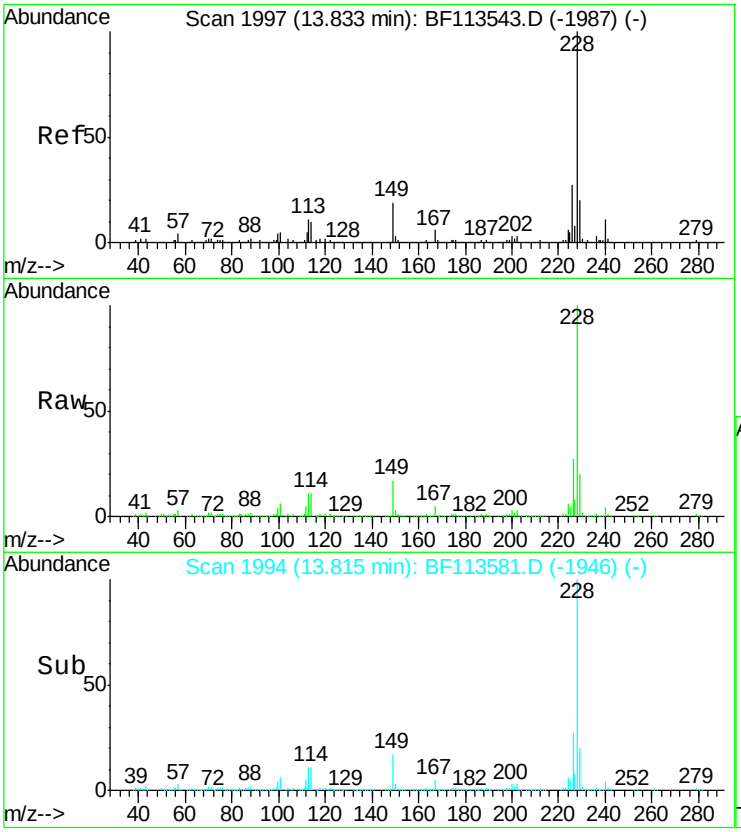


#80
Butylbenzylphthalate
Concen: 41.153 ng
RT: 13.24 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 653361

Ion	Ratio	Lower	Upper
149	100		
91	68.8	55.2	82.8
206	20.7	16.1	24.1



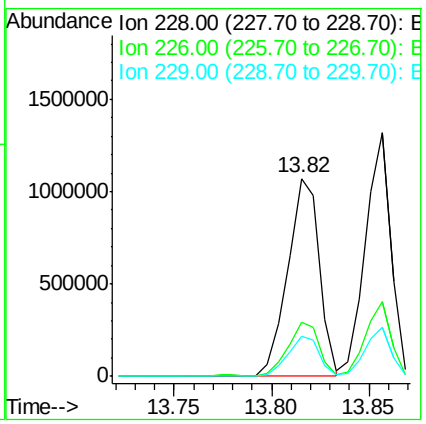


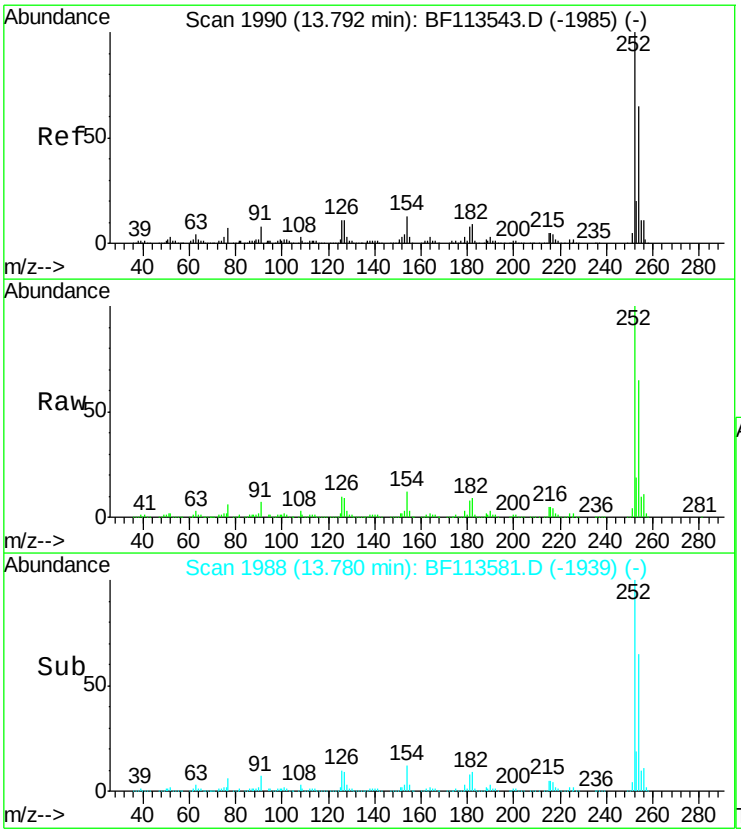
#81
Benzo(a)anthracene
Concen: 40.602 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1200556

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.3	16.2	24.4

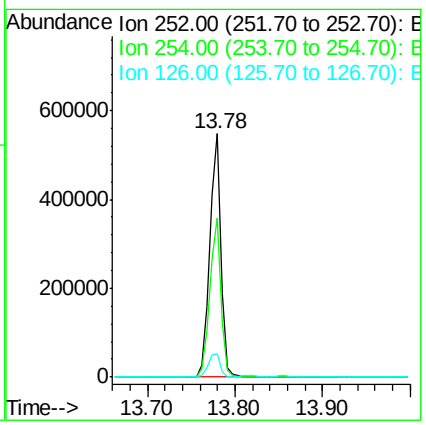


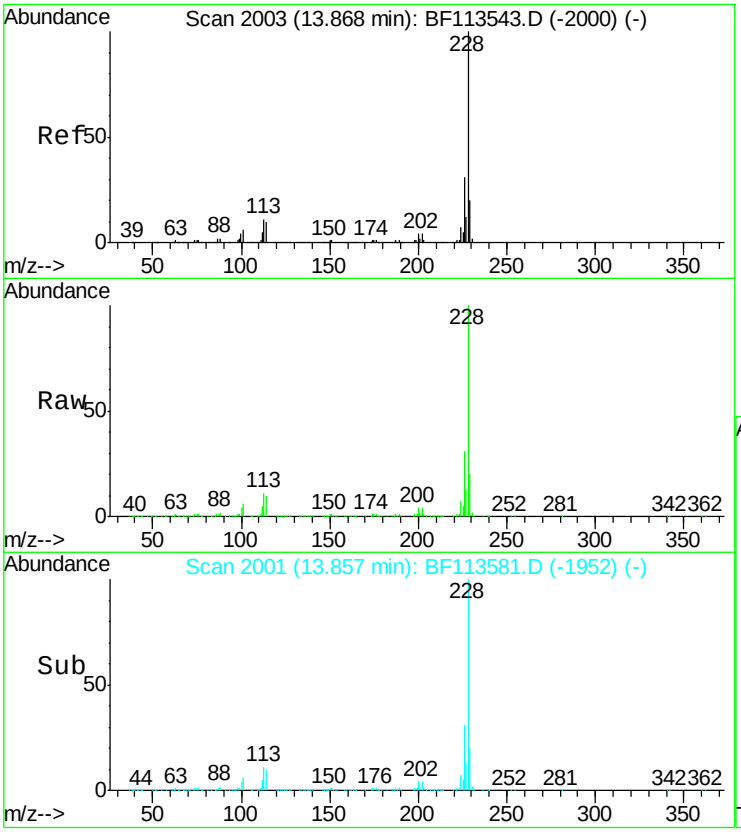


#82
3,3'-Dichlorobenzidine
Concen: 42.798 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:252 Resp: 487431

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.2	78.2
126	9.6	8.5	12.7



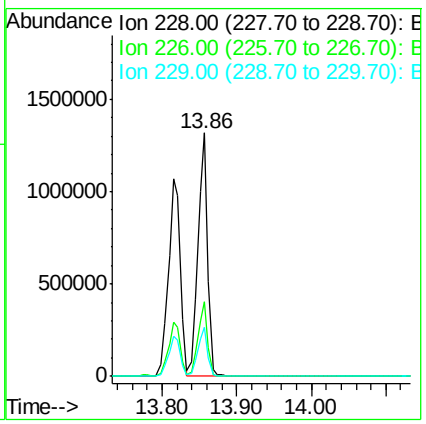


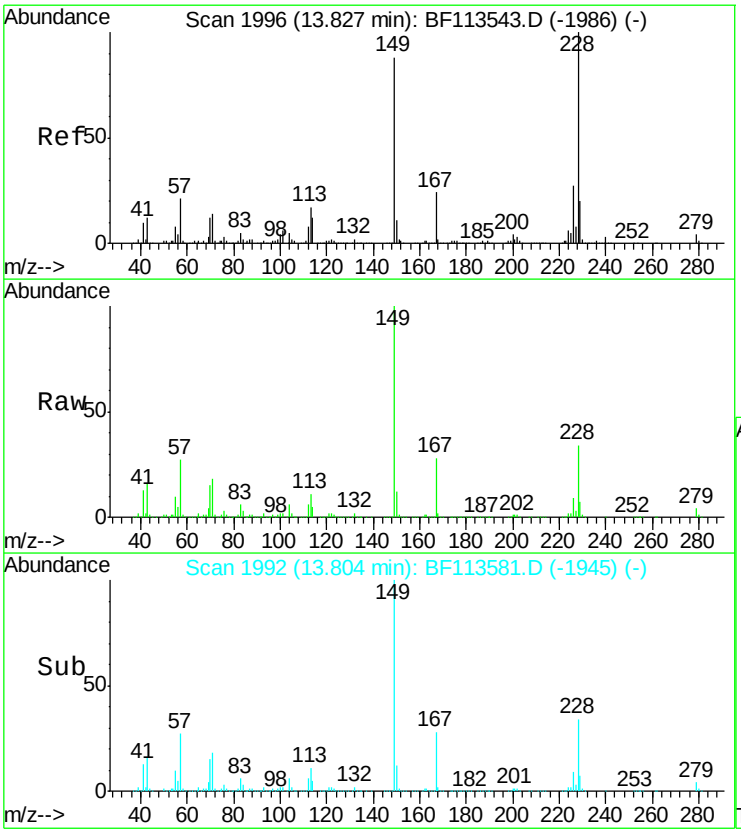
#83
Chrysene
Concen: 40.114 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1202411

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.3	16.3	24.5

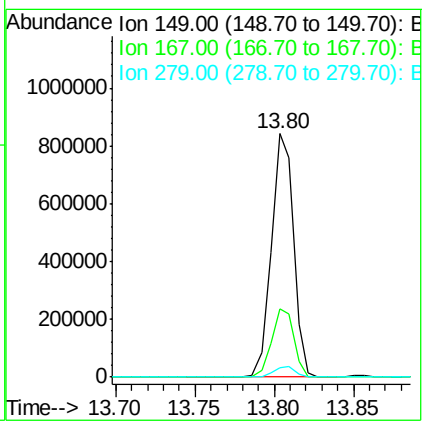


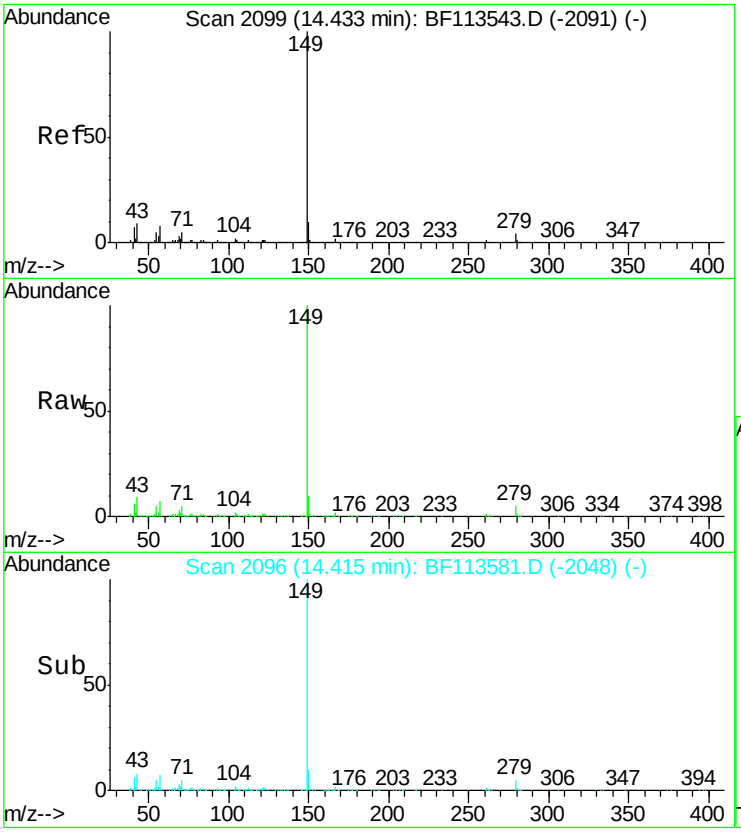


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.853 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 822576

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	4.0	2.9	4.3



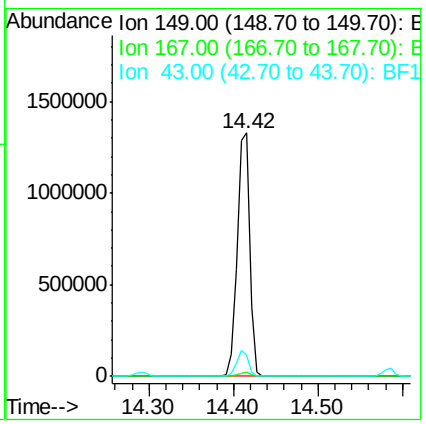


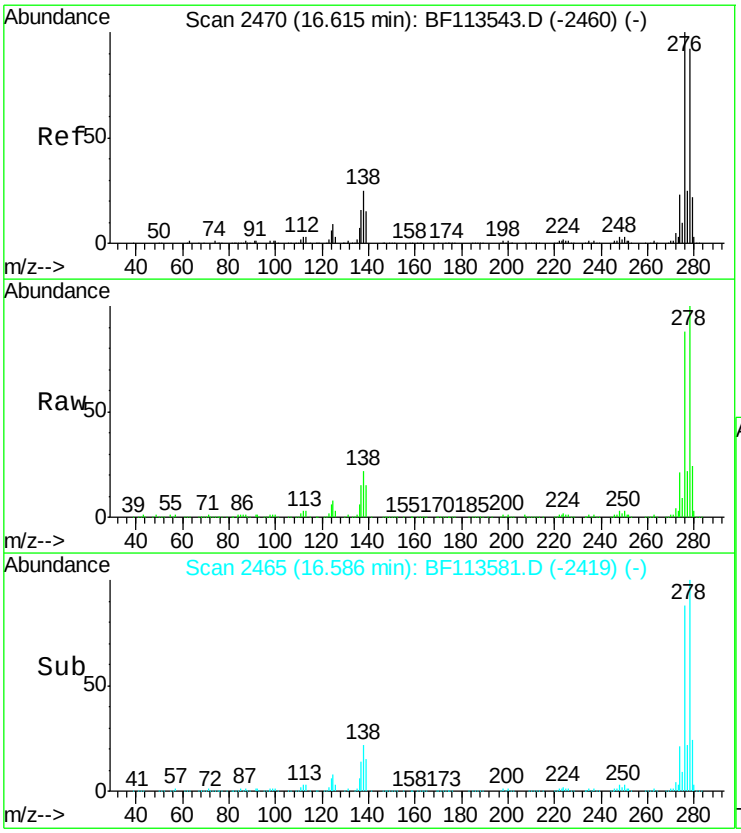
#85
Di-n-octyl phthalate
Concen: 42.544 ng
RT: 14.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1327433

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.7	11.5

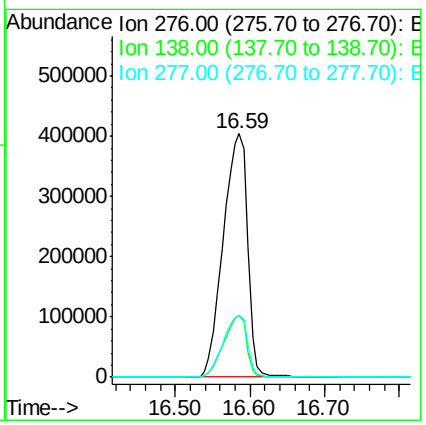


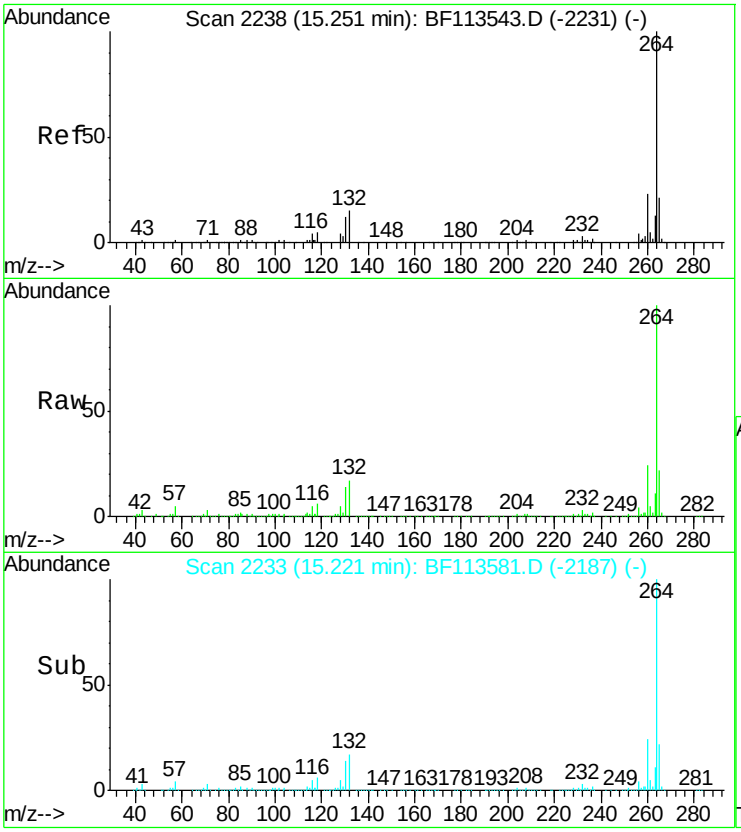


#86
Indeno(1,2,3-cd)pyrene
Concen: 33.250 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.03 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:276 Resp: 920194

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.1	27.1
277	25.3	20.2	30.4



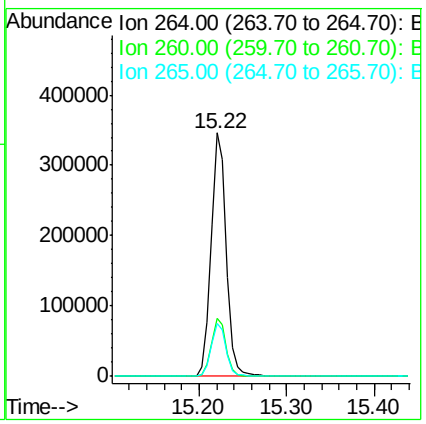


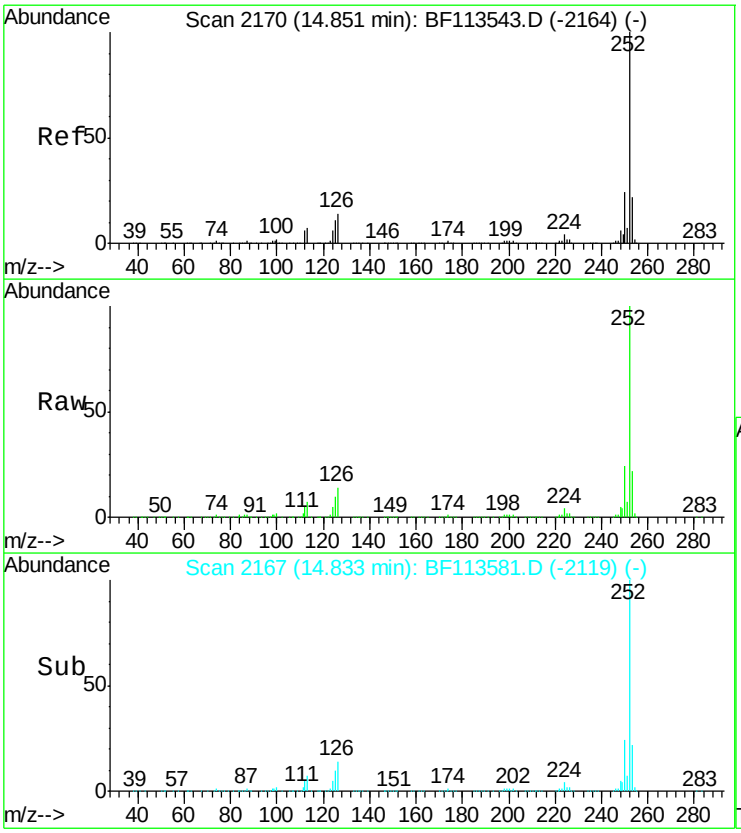
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 415010

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.0	17.1	25.7

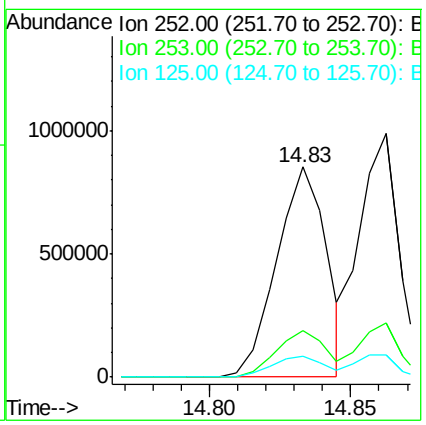


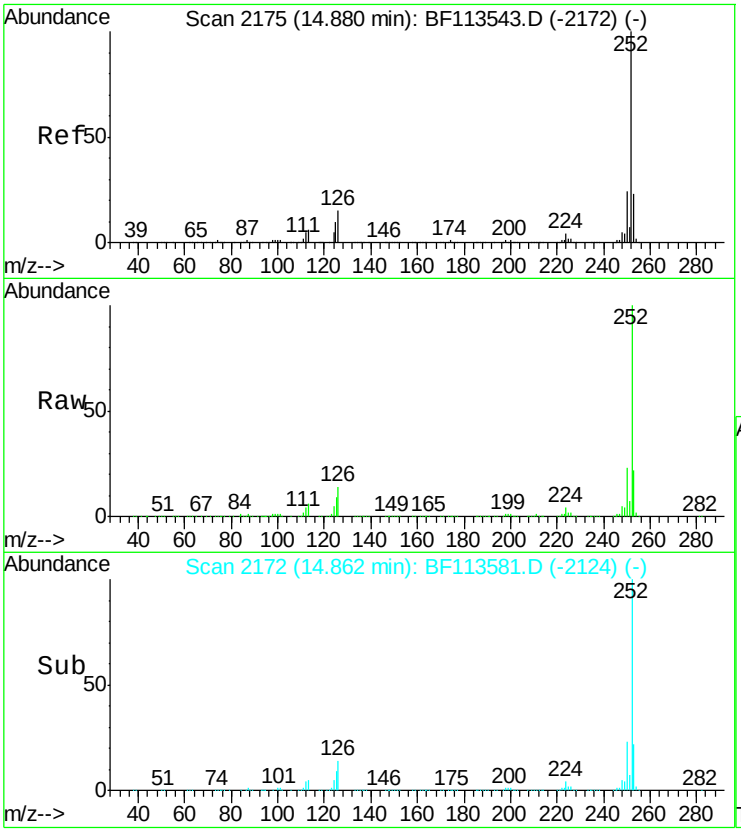


#88
Benzo(b)fluoranthene
Concen: 41.115 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:252 Resp: 1044464

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.2	7.6	11.4



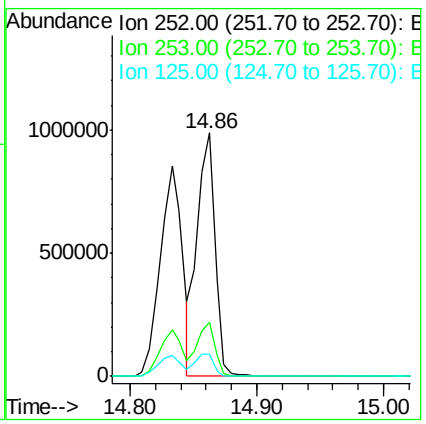


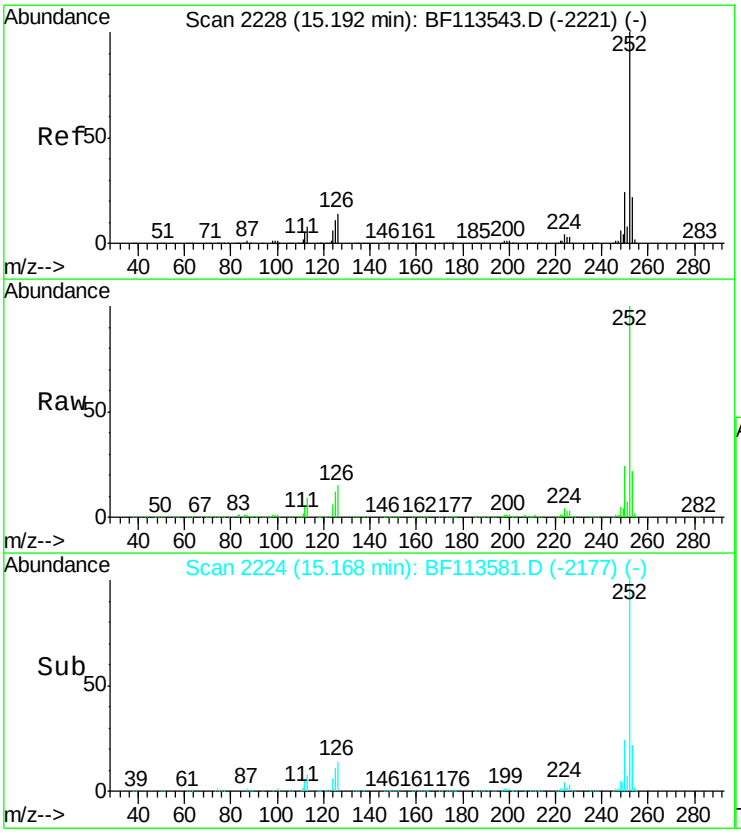
#89
Benzo(k)fluoranthene
Concen: 42.254 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 963364

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	7.3	10.9

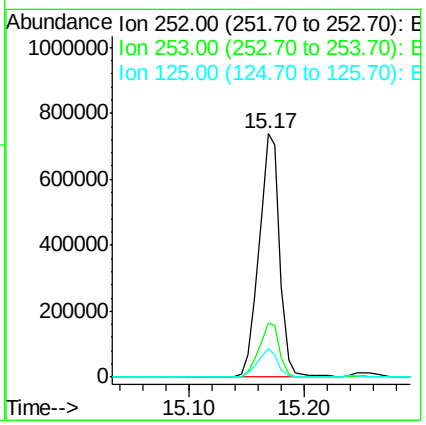


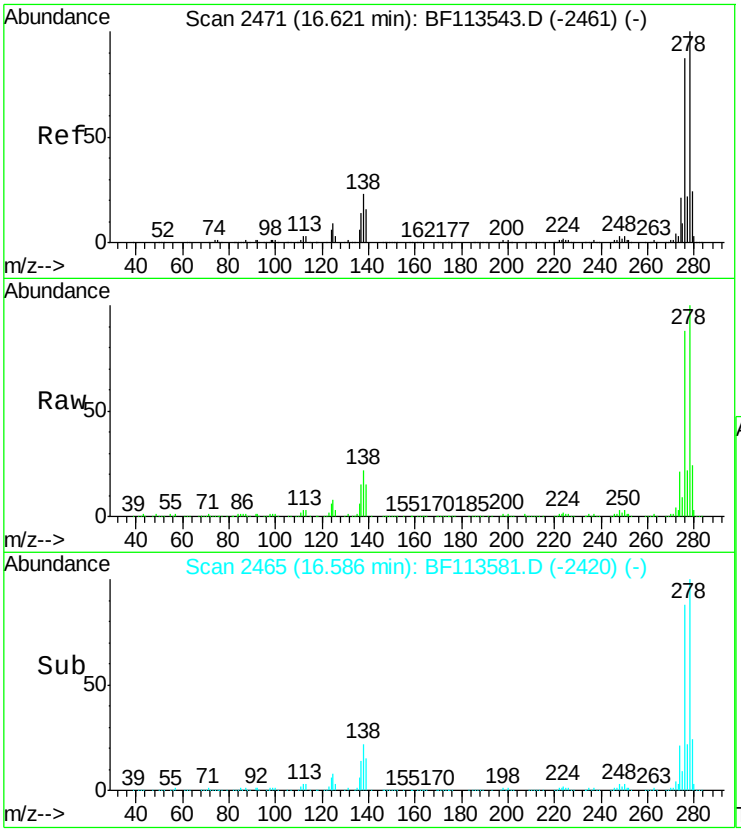


#90
Benzo(a)pyrene
Concen: 40.968 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:252 Resp: 924803

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	8.8	13.2



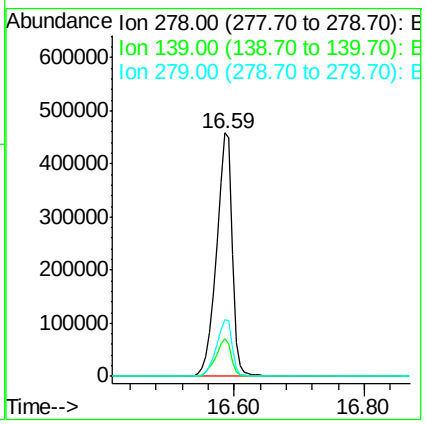


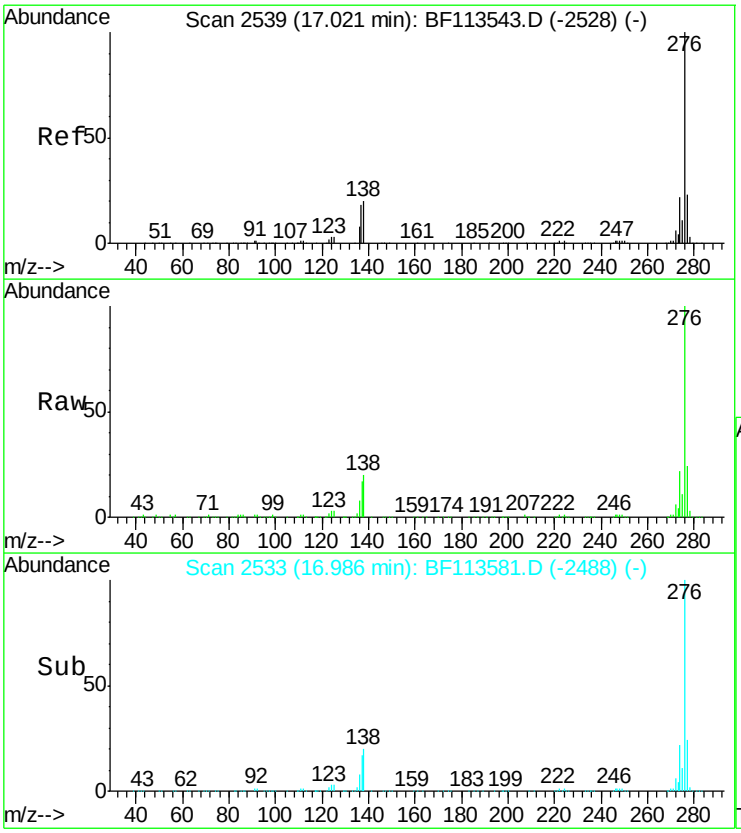
#91
Dibenzo(a,h)anthracene
Concen: 36.267 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.04 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

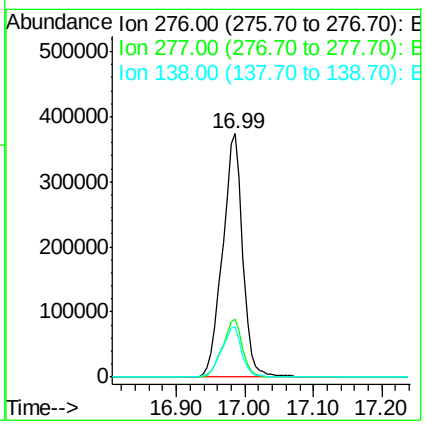
Tgt Ion:278 Resp: 765599

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.5	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 35.386 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:276 Resp: 762452

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	15.6	23.4