Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116951.D
Acq On : 11 Sep 2019 17:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:03:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87326	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	374991	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	202566	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	339397	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	240503	20.00	ng		-0.01
87) Perylene-d12	15.42	264	218355	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	459472	85.24	ng		-0.01
7) Phenol-d6	6.46	99	606487	85.69	ng		-0.01
23) Nitrobenzene-d5	7.39	82	589632	89.76	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	148349	109.55	ng		-0.01
45) 2-Fluorobiphenyl	9.18	172	1048693	87.33	ng		-0.01
79) Terphenyl-d14	12.92	244	1100392	84.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	92717	37.261	ng		97
3) Pyridine	3.30	79	265466	36.847	ng		91
4) n-Nitrosodimethylamine	3.25	42	90330	36.512	ng		79
6) Aniline	6.49	93	401976	41.004	ng		99
8) 2-Chlorophenol	6.61	128	251543	42.748	ng		96
9) Benzaldehyde	6.37	77	174507	37.423	ng		98
10) Phenol	6.47	94	333897	42.601	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	245483	40.225	ng		99
12) 1,3-Dichlorobenzene	6.77	146	282335	42.454	ng		98
13) 1,4-Dichlorobenzene	6.85	146	288220	43.531	ng		99
14) 1,2-Dichlorobenzene	7.00	146	265135	43.211	ng		97
15) Benzyl Alcohol	6.97	79	240440	41.848	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	248418	34.695	ng		89
17) 2-Methylphenol	7.08	107	215075	41.753	ng		97
18) Hexachloroethane	7.34	117	109376	42.519	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	199265	42.757	ng		92
20) 3+4-Methylphenols	7.23	107	270203	45.115	ng	#	77
22) Acetophenone	7.23	105	397019	43.977	ng		98
24) Nitrobenzene	7.41	77	291504	43.634	ng		93
25) Isophorone	7.65	82	544527	40.910	ng		100
26) 2-Nitrophenol	7.72	139	128852	51.878	ng		99
27) 2,4-Dimethylphenol	7.76	122	200954	40.061	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	335925	41.299	ng		99
29) 2,4-Dichlorophenol	7.96	162	215349	44.672	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	222886	42.628	ng		98
31) Naphthalene	8.13	128	754724	42.326	ng		99
32) Benzoic acid	7.89	122	160784	56.767	ng		95
33) 4-Chloroaniline	8.17	127	343564	42.328	ng		99
34) Hexachlorobutadiene	8.25	225	128280	44.996	ng		99
35) Caprolactam	8.55	113	75275	41.724	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	257138	46.410	ng		97
37) 2-Methylnaphthalene	8.82	142	521700	43.973	ng		97
38) 1-Methylnaphthalene	8.92	142	491424	43.879	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	210406	43.330	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116951.D
Acq On : 11 Sep 2019 17:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:03:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	102221	36.454 ng		95
43) 2,4,6-Trichlorophenol	9.10	196	149381	44.877 ng		98
44) 2,4,5-Trichlorophenol	9.14	196	158694	45.921 ng		95
46) 1,1'-Biphenyl	9.28	154	651237	42.368 ng		97
47) 2-Chloronaphthalene	9.31	162	512322	42.082 ng		99
48) 2-Nitroaniline	9.40	65	168476	47.867 ng		96
49) Acenaphthylene	9.72	152	780764	42.426 ng		99
50) Dimethylphthalate	9.58	163	614494	43.939 ng		99
51) 2,6-Dinitrotoluene	9.65	165	126986	47.591 ng		86
52) Acenaphthene	9.89	154	461377	40.803 ng		99
53) 3-Nitroaniline	9.81	138	157552	47.117 ng		87
54) 2,4-Dinitrophenol	9.92	184	47469	53.512 ng		96
55) Dibenzofuran	10.06	168	683348	42.869 ng		95
56) 4-Nitrophenol	9.97	139	107560	46.912 ng		88
57) 2,4-Dinitrotoluene	10.05	165	171341	52.516 ng		97
58) Fluorene	10.40	166	564461	46.473 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	126711	50.805 ng		95
60) Diethylphthalate	10.27	149	621767	44.384 ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	242942	45.677 ng		95
62) 4-Nitroaniline	10.43	138	162258	50.001 ng		98
63) Azobenzene	10.56	77	621401	42.540 ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	63183	50.152 ng		80
66) n-Nitrosodiphenylamine	10.52	169	489145	41.662 ng		97
67) 4-Bromophenyl-phenylether	10.89	248	148228	42.992 ng		96
68) Hexachlorobenzene	10.96	284	160631	44.529 ng		96
69) Atrazine	11.04	200	135635	41.248 ng		98
70) Pentachlorophenol	11.15	266	85084	48.758 ng		100
71) Phenanthrene	11.37	178	796833	42.176 ng		99
72) Anthracene	11.42	178	810836	42.634 ng		99
73) Carbazole	11.57	167	767698	42.376 ng		99
74) Di-n-butylphthalate	11.90	149	1001646	43.129 ng		99
75) Fluoranthene	12.55	202	813748	43.827 ng		99
77) Benzidine	12.67	184	390318	41.377 ng		99
78) Pyrene	12.78	202	834113	39.015 ng		98
80) Butylbenzylphthalate	13.39	149	415201	39.936 ng		94
81) Benzo(a)anthracene	13.96	228	667378	43.845 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	224476	43.639 ng		98
83) Chrysene	14.00	228	642751	40.987 ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	554228	43.185 ng		99
85) Di-n-octyl phthalate	14.56	149	885447	42.160 ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.86	276	435180	34.549 ng		98
88) Benzo(b)fluoranthene	15.00	252	572179	43.342 ng		100
89) Benzo(k)fluoranthene	15.03	252	507198	42.138 ng		97
90) Benzo(a)pyrene	15.36	252	486499	42.358 ng		99
91) Dibenzo(a,h)anthracene	16.87	278	353647	35.177 ng		99
92) Benzo(g,h,i)perylene	17.29	276	327965	31.987 ng		96

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

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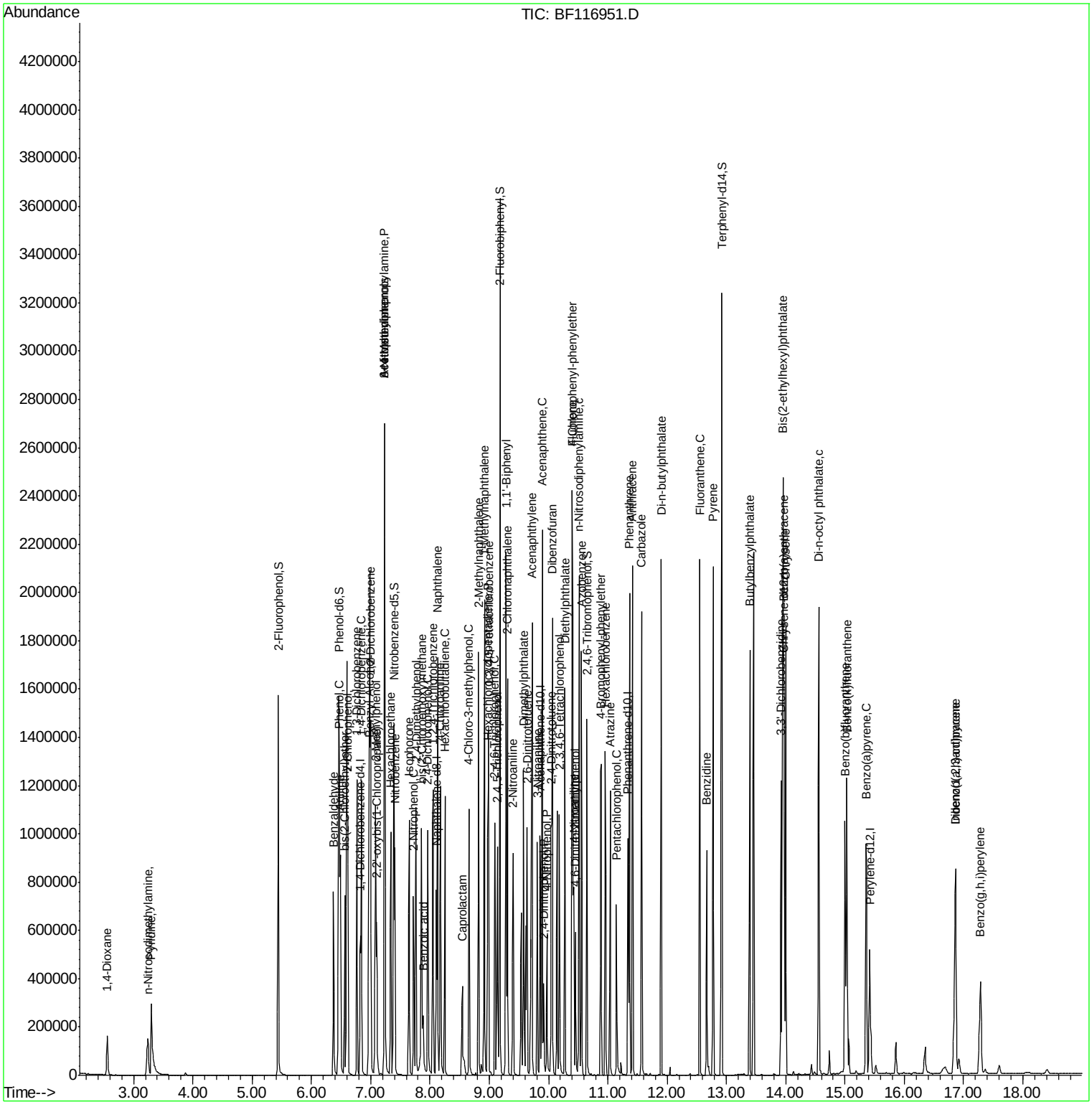
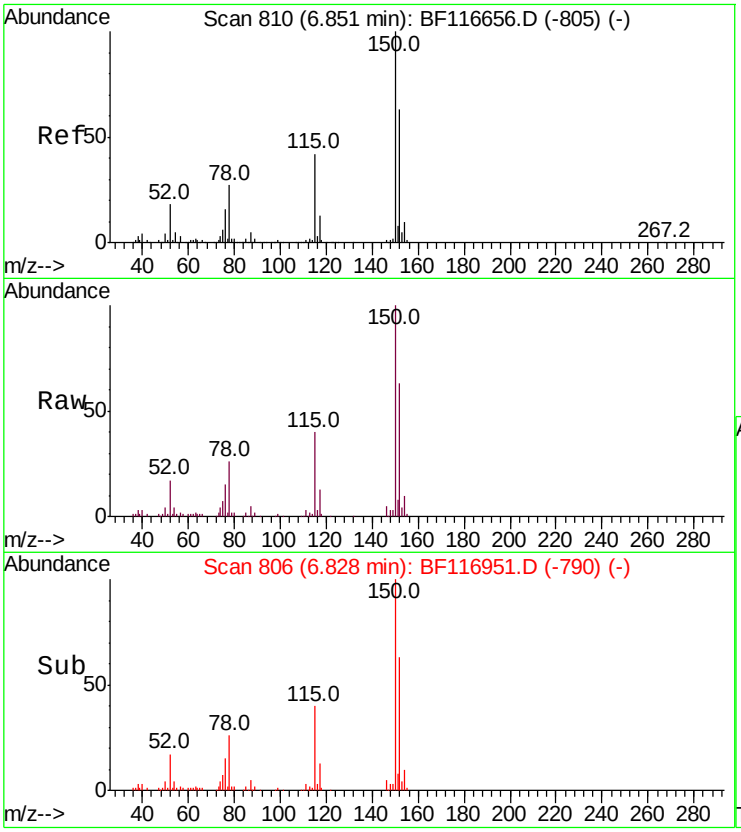
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116951.D
Acq On : 11 Sep 2019 17:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 12 07:03:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration



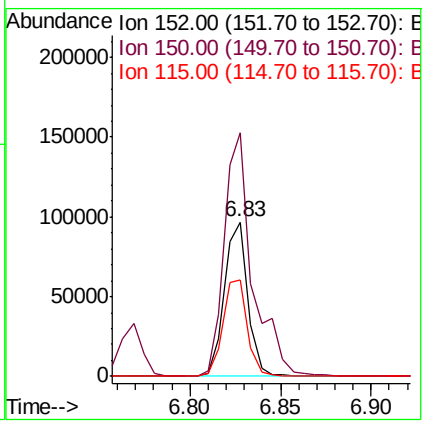


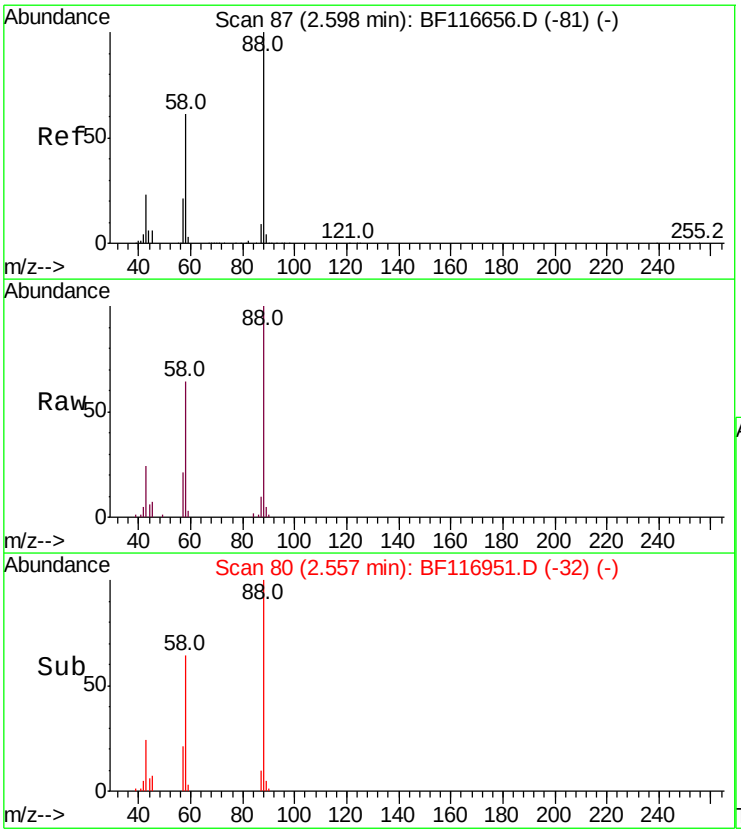
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87326

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.4	186.6
115	62.7	49.9	74.9

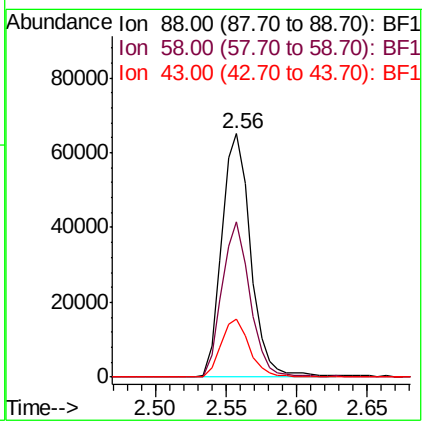


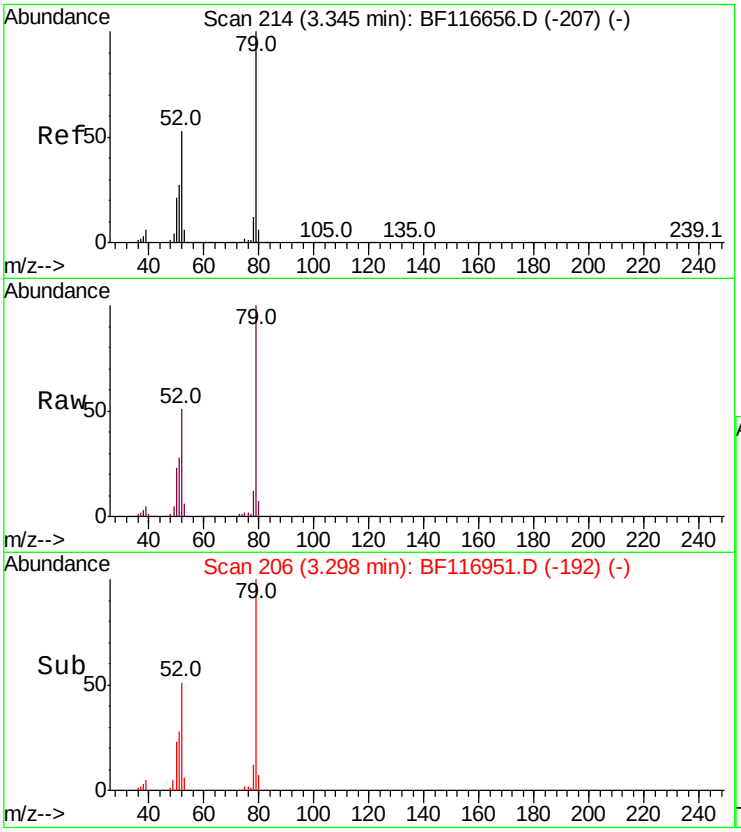


#2
1,4-Dioxane
Concen: 37.261 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 88 Resp: 92717

Ion	Ratio	Lower	Upper
88	100		
58	61.8	51.7	77.5
43	23.3	19.8	29.8



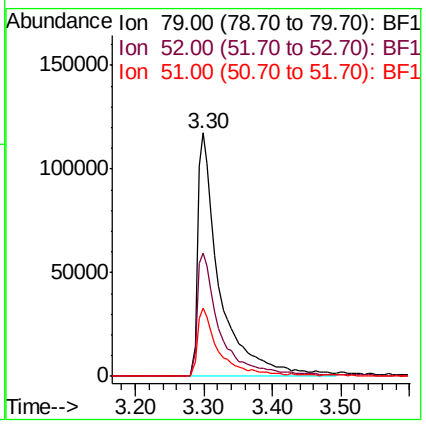


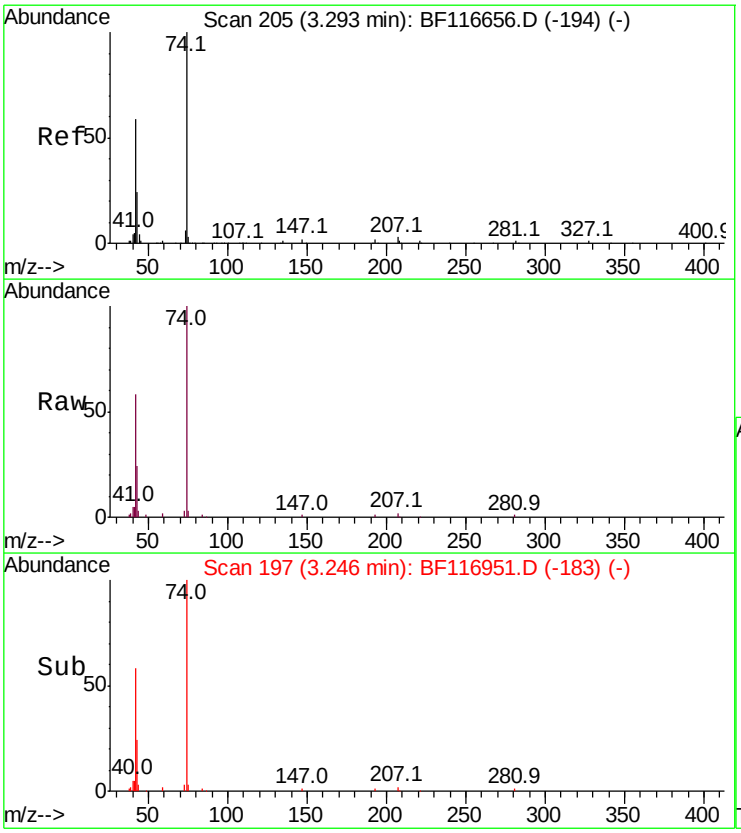
#3
Pyridine
Concen: 36.847 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 265466

Ion	Ratio	Lower	Upper
79	100		
52	50.6	47.4	71.0
51	27.9	24.1	36.1

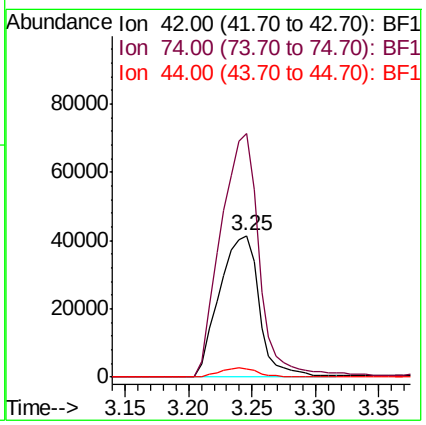


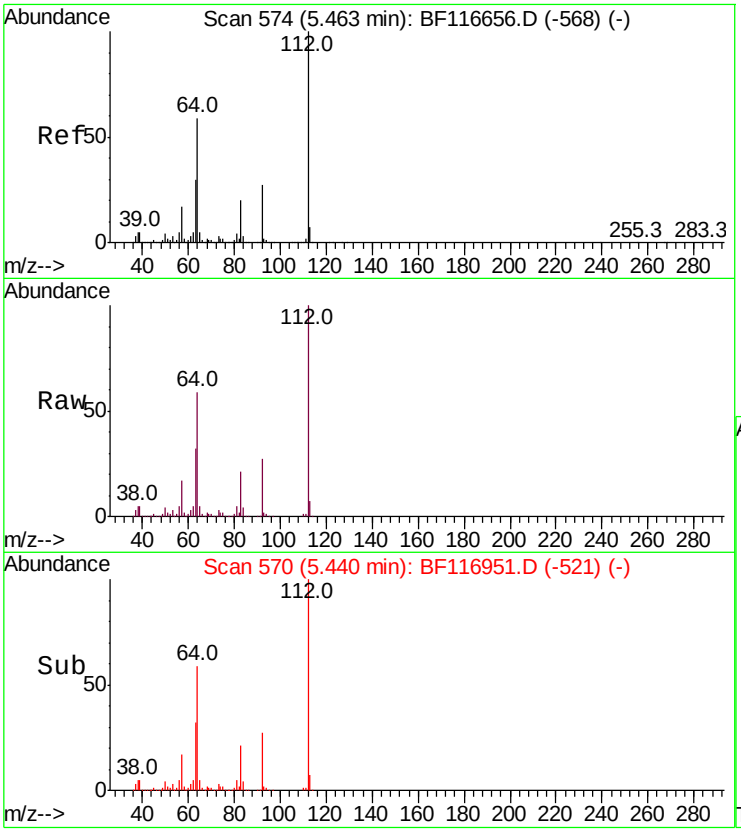


#4
n-Nitrosodimethylamine
Concen: 36.512 ng
RT: 3.25 min Scan# 197
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 42 Resp: 90330

Ion	Ratio	Lower	Upper
42	100		
74	172.0	115.6	173.4
44	5.5	4.6	7.0



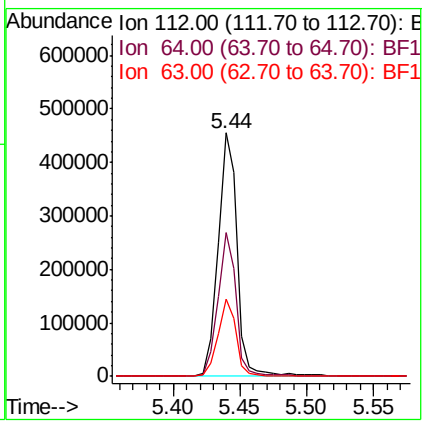


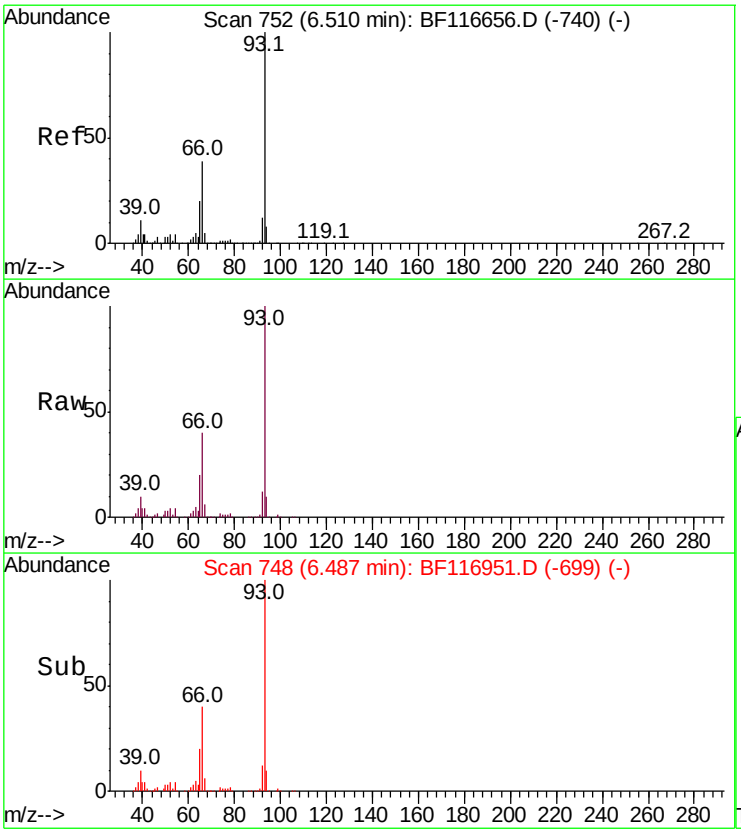
#5
2-Fluorophenol
Concen: 85.240 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 459472

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	31.7	24.9	37.3

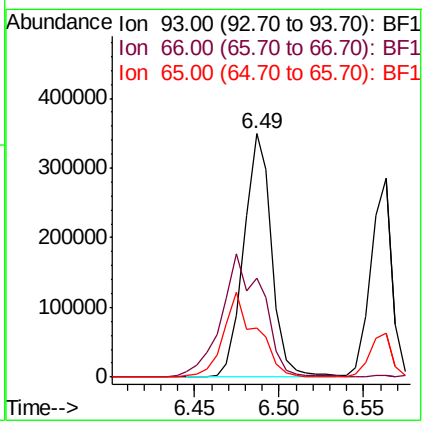


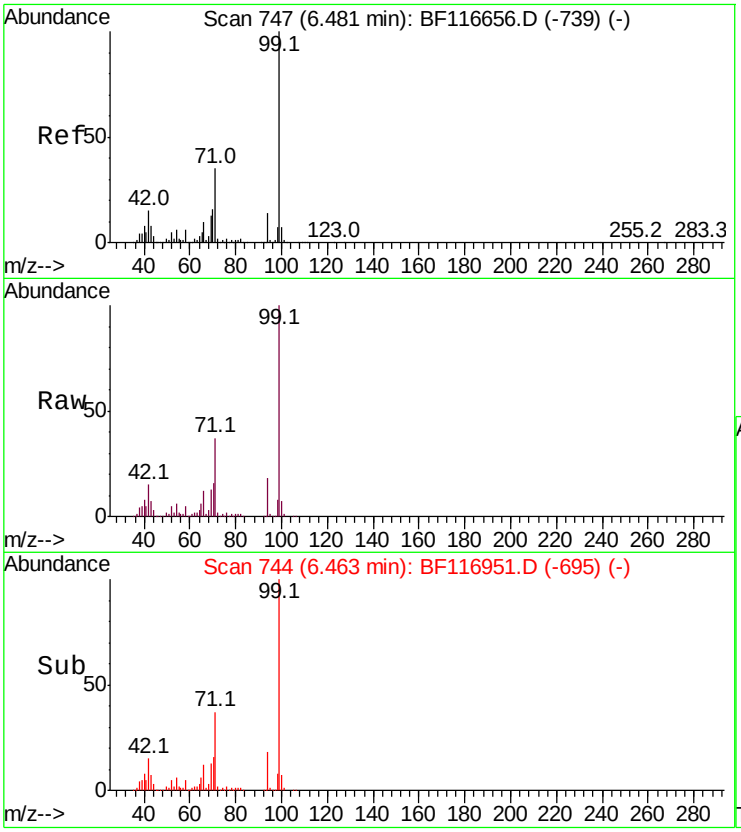


#6
Aniline
Concen: 41.004 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 93 Resp: 401976

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.7	49.1
65	20.2	16.3	24.5



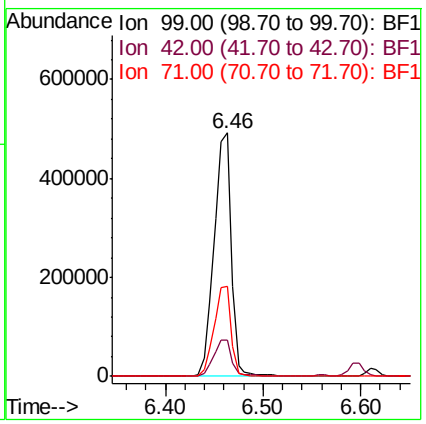


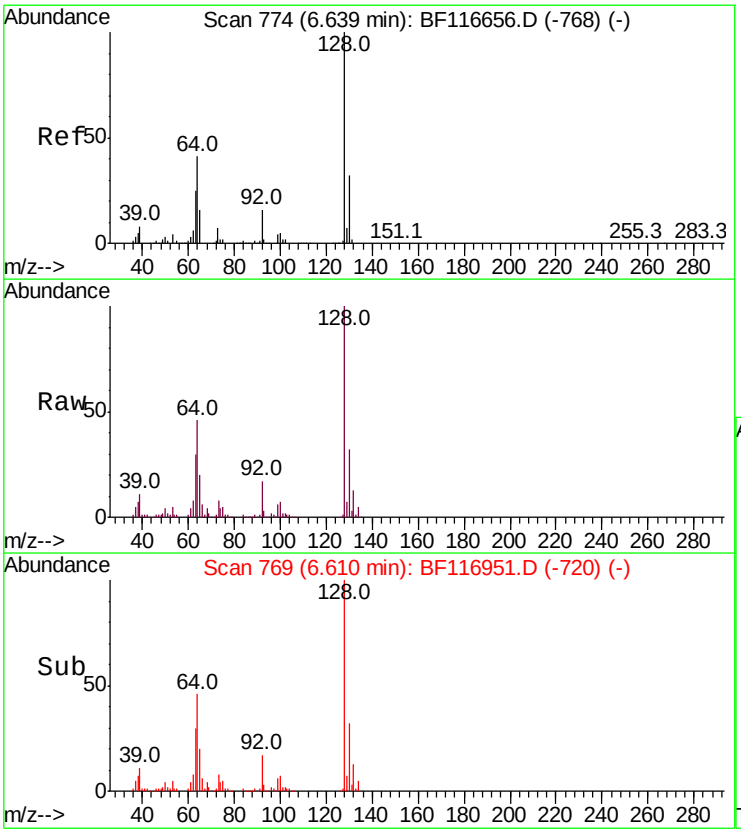
#7
Phenol-d6
Concen: 85.685 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 606487

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.7	20.5
71	37.1	30.8	46.2

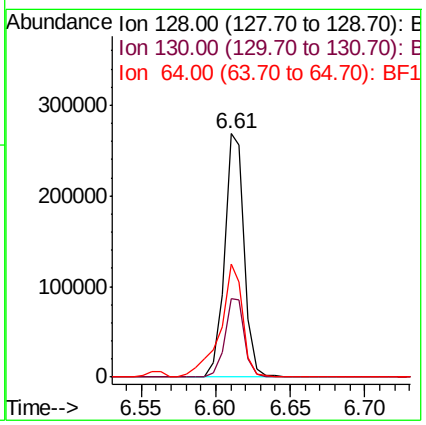


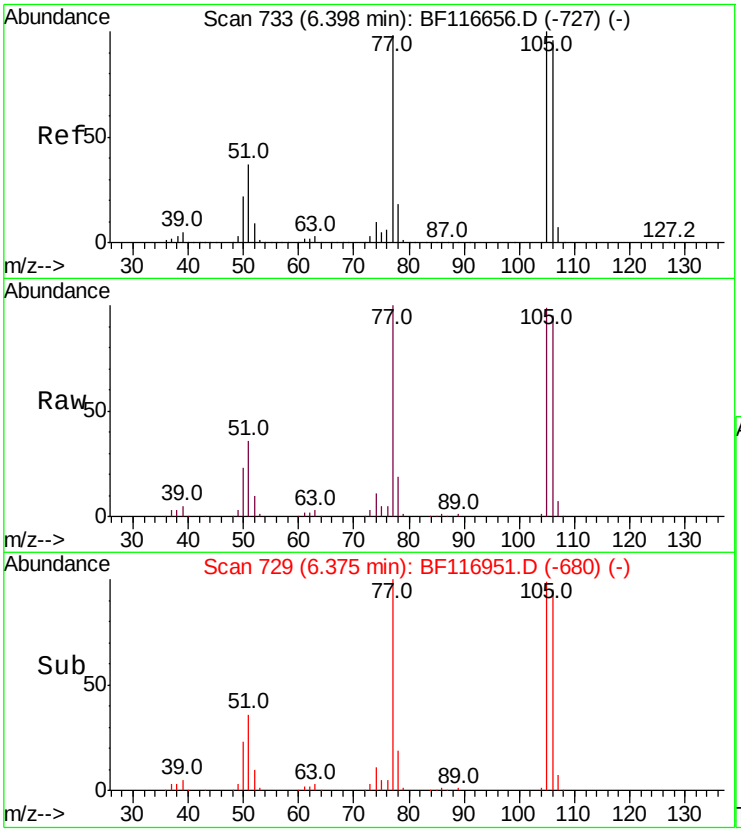


#8
2-Chlorophenol
Concen: 42.748 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:128 Resp: 251543

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	46.5	22.5	62.5



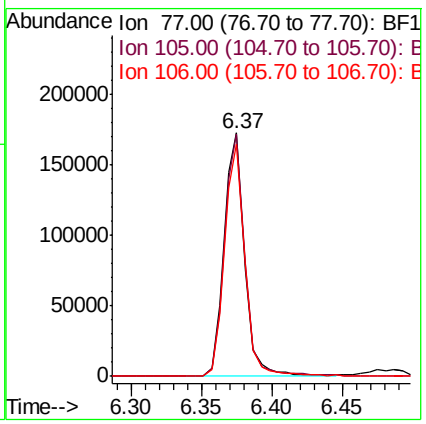


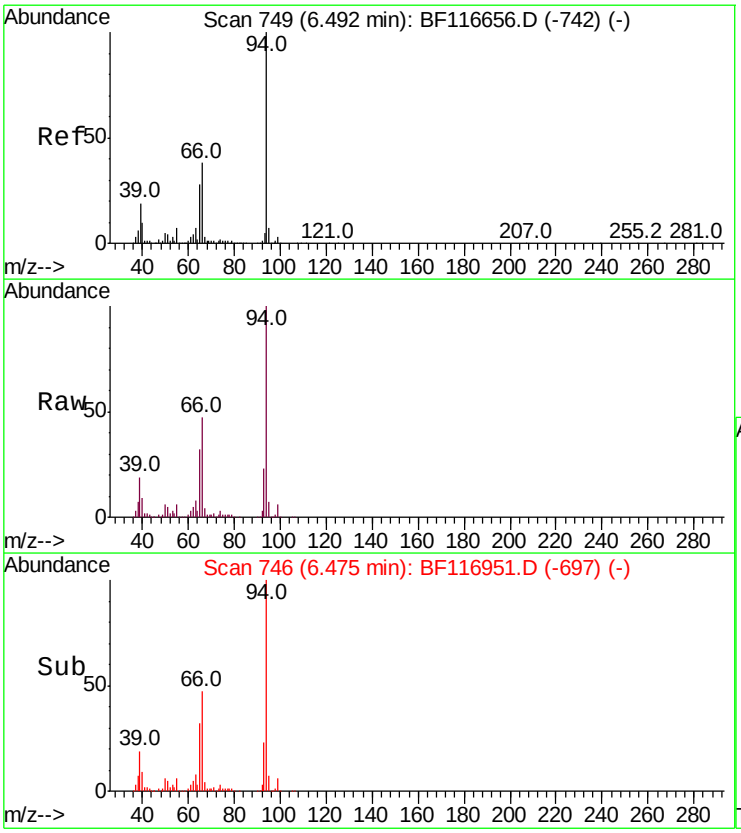
#9
Benzaldehyde
Concen: 37.423 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 174507

Ion	Ratio	Lower	Upper
77	100		
105	99.3	76.7	116.7
106	95.1	73.1	113.1

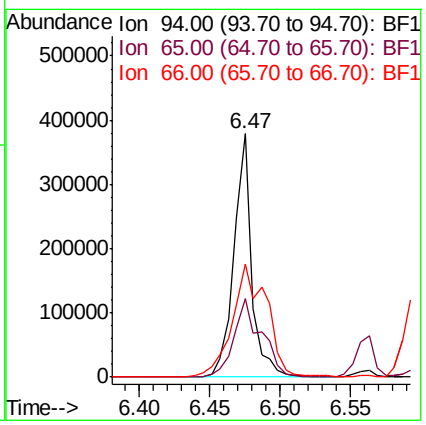


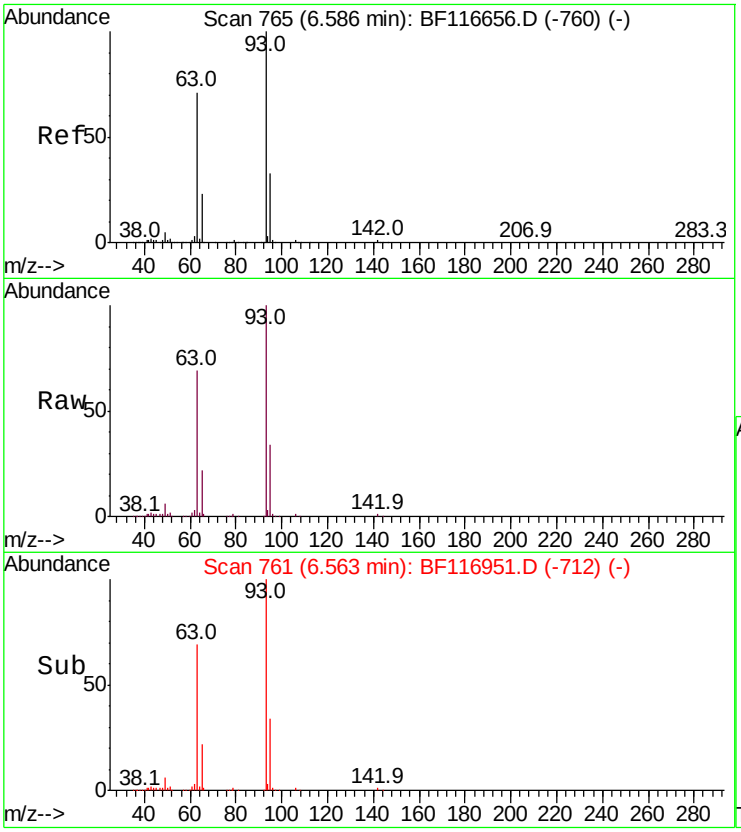


#10
Phenol
Concen: 42.601 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 94 Resp: 333897

Ion	Ratio	Lower	Upper
94	100		
65	32.0	10.8	50.8
66	46.5	21.1	61.1



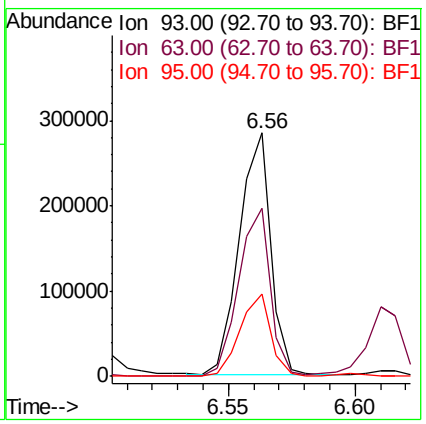


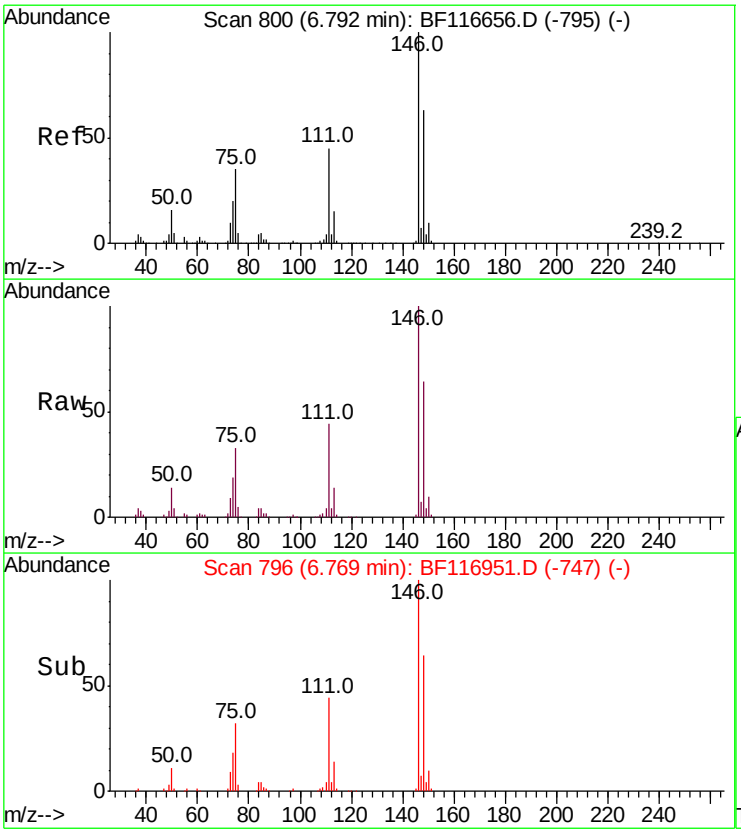
#11
bis(2-Chloroethyl)ether
Concen: 40.225 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 245483

Ion	Ratio	Lower	Upper
93	100		
63	69.0	49.9	89.9
95	33.7	12.7	52.7

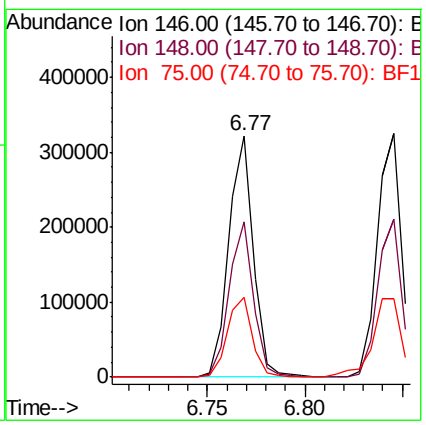


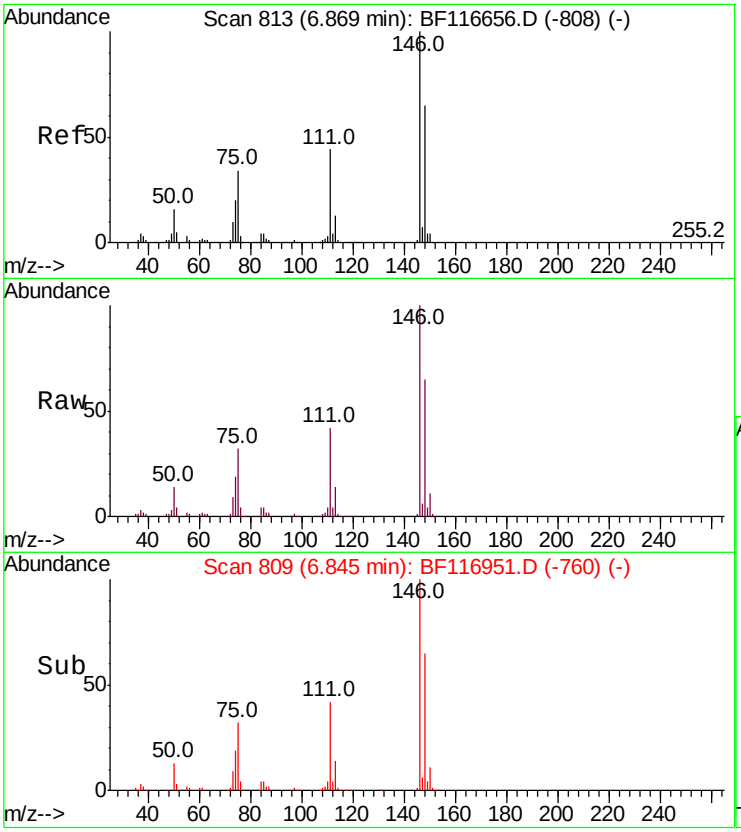


#12
1,3-Dichlorobenzene
Concen: 42.454 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:146 Resp: 282335

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	33.3	29.6	44.4



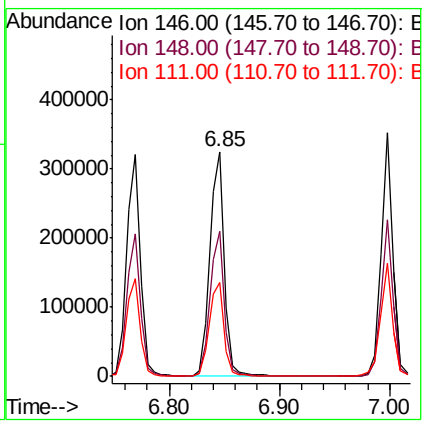


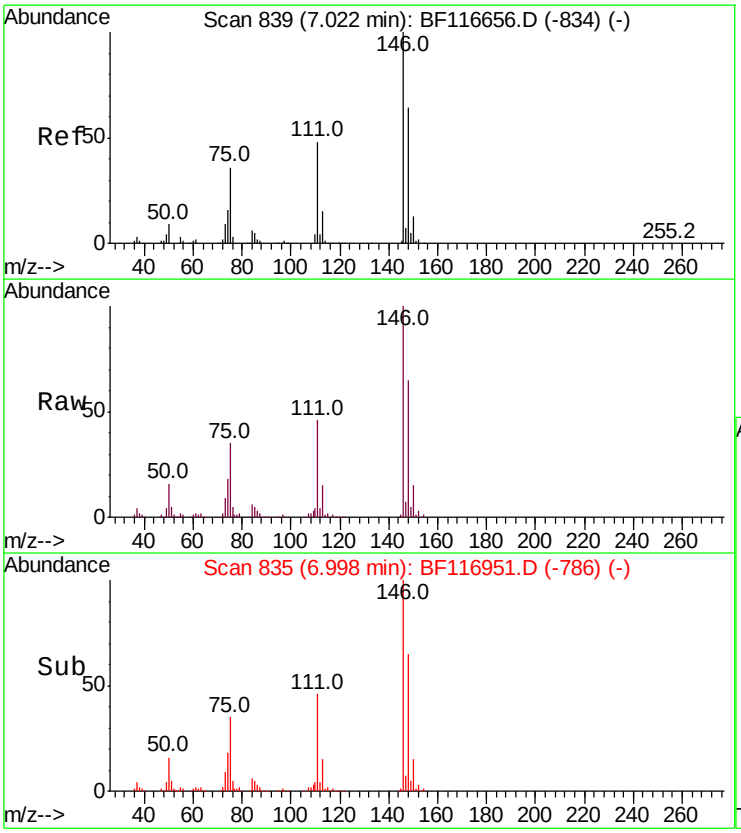
#13
1,4-Dichlorobenzene
Concen: 43.531 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 288220

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	41.8	34.8	52.2

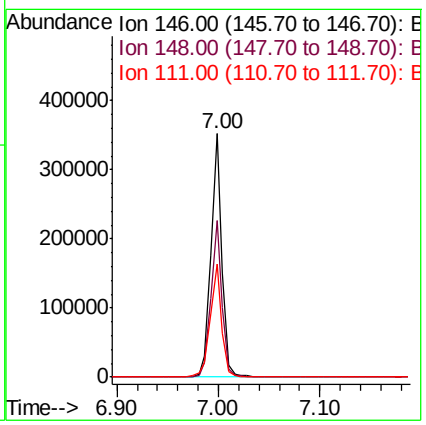


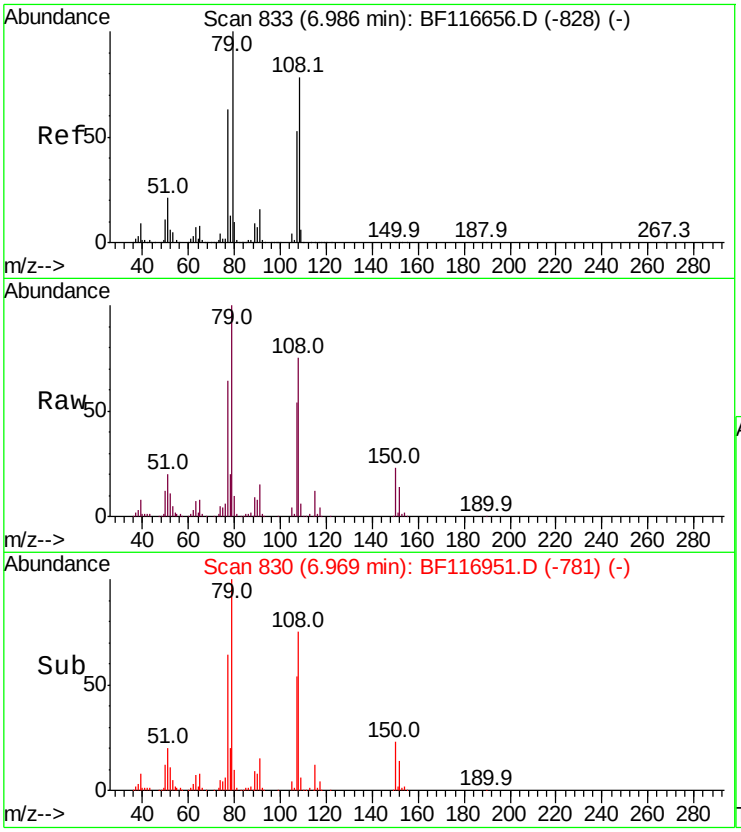


#14
1,2-Dichlorobenzene
Concen: 43.211 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:146 Resp: 265135

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
111	46.5	34.2	51.4



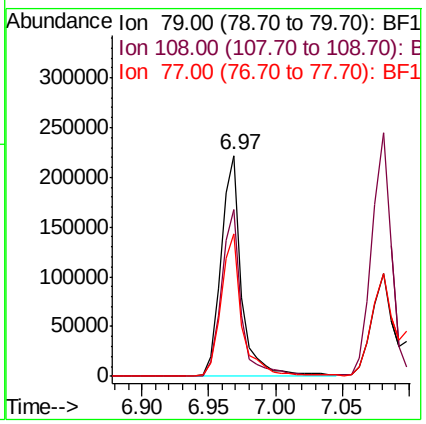


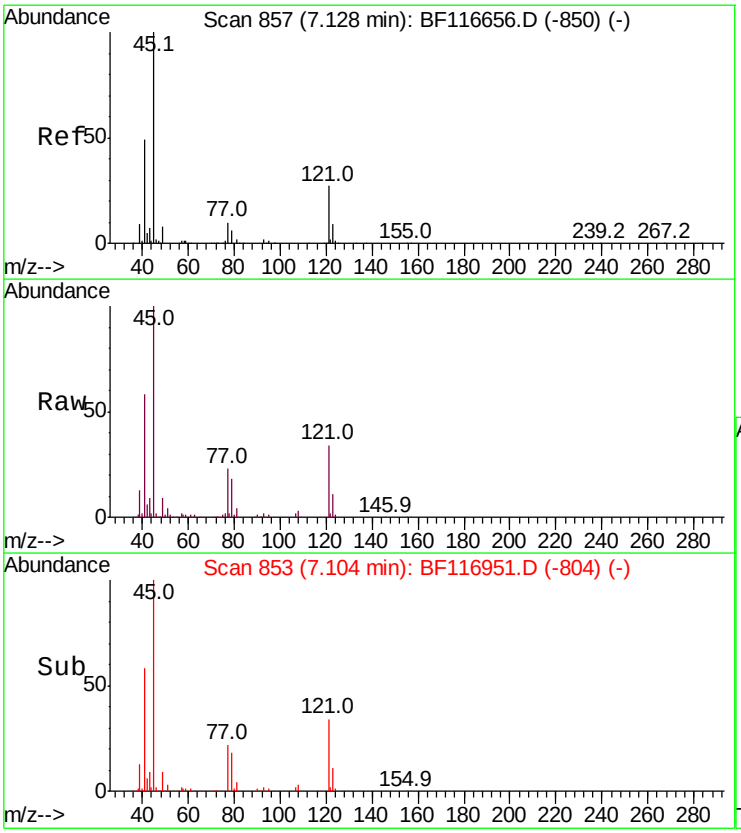
#15
Benzyl Alcohol
Concen: 41.848 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 240440

Ion	Ratio	Lower	Upper
79	100		
108	75.3	59.2	88.8
77	64.4	53.0	79.4

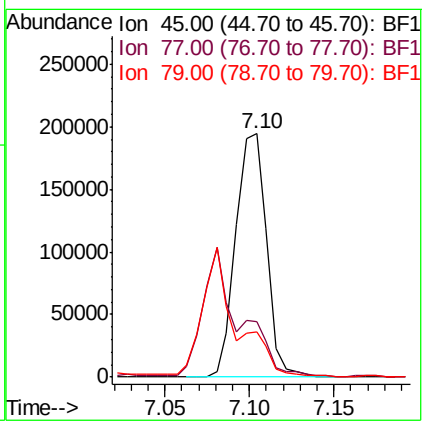


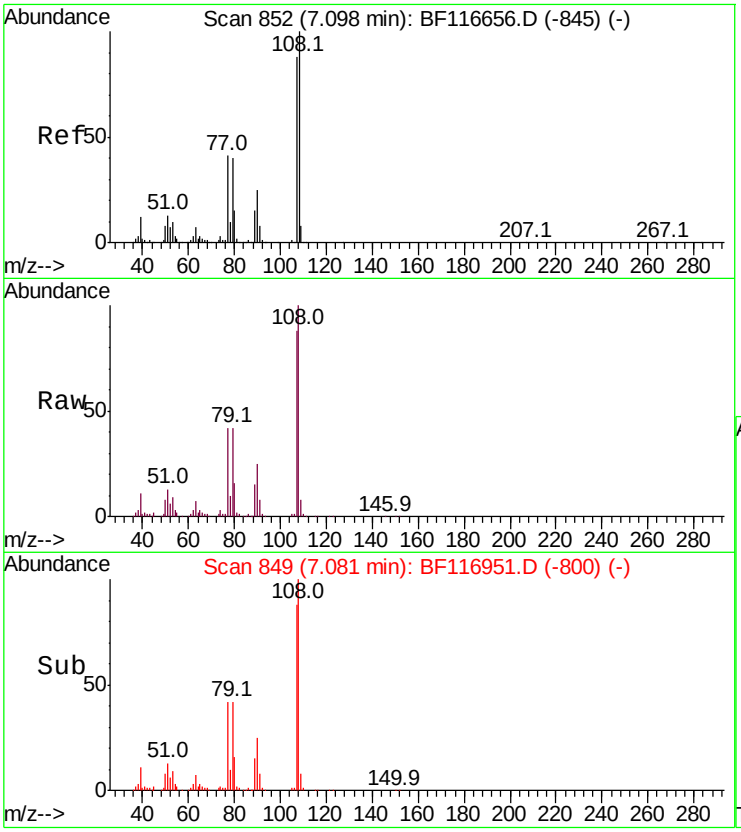


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.695 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 45 Resp: 248418

Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	38.2
79	18.5	0.0	33.9



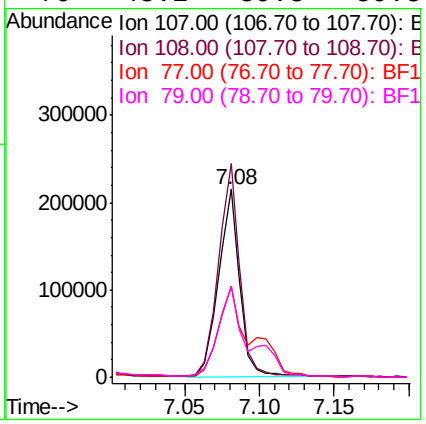


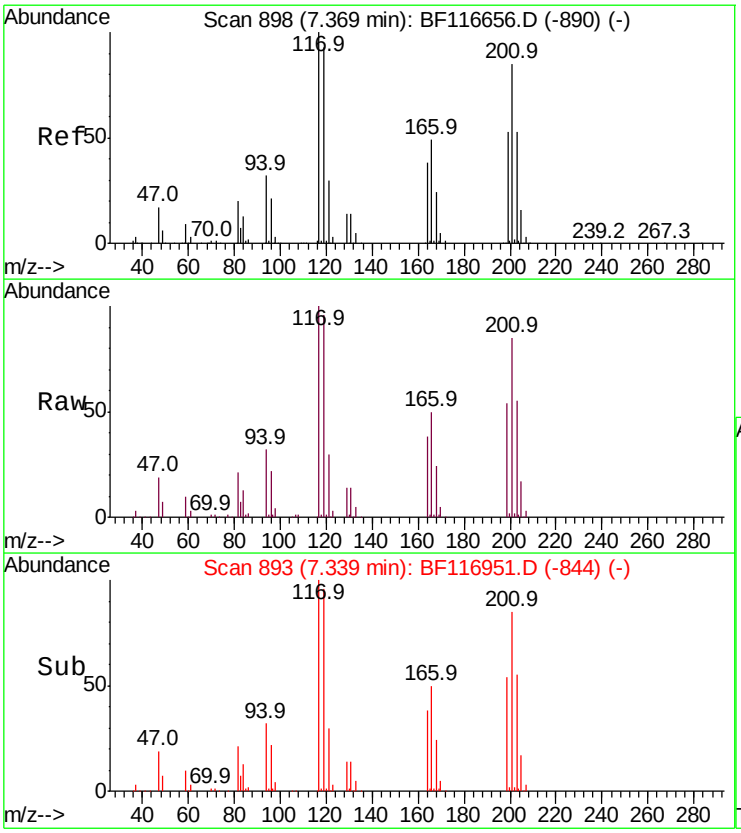
#17
2-Methylphenol
Concen: 41.753 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 215075

Ion	Ratio	Lower	Upper
107	100		
108	113.6	88.3	132.5
77	48.3	39.9	59.9
79	48.2	39.8	59.8

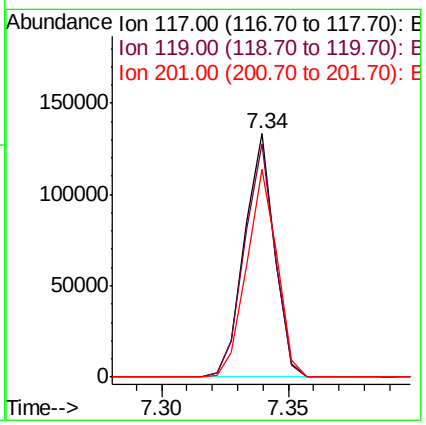


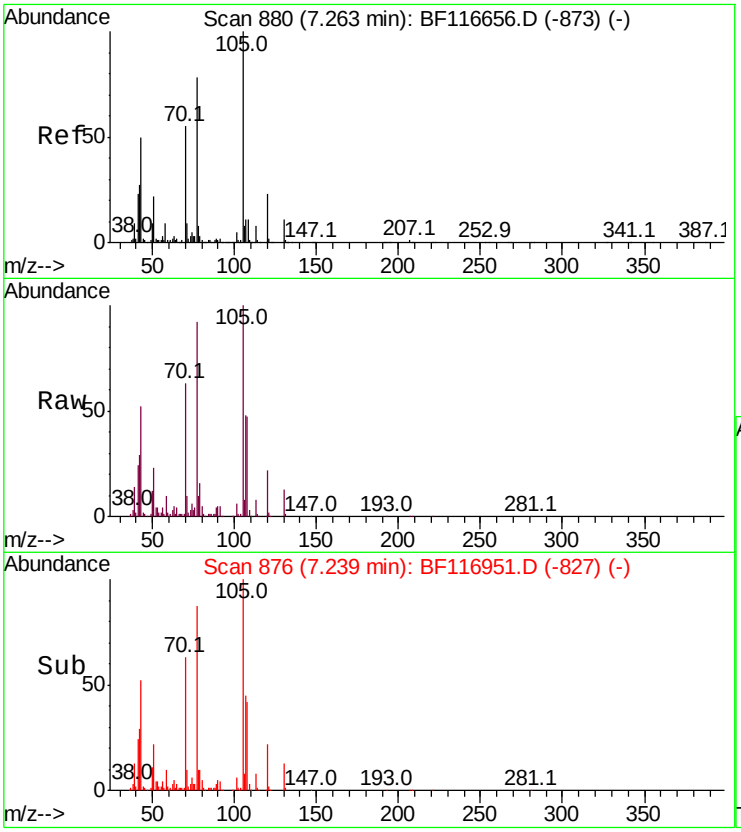


#18
Hexachloroethane
Concen: 42.519 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:117 Resp: 109376

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
201	85.2	79.4	119.0



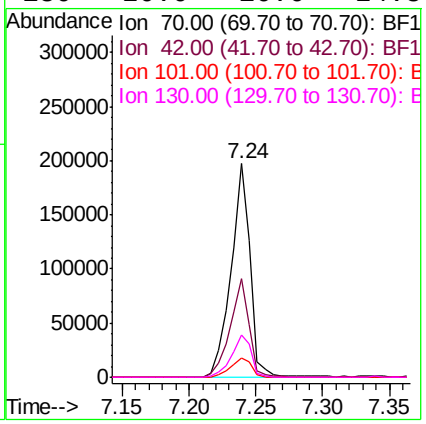


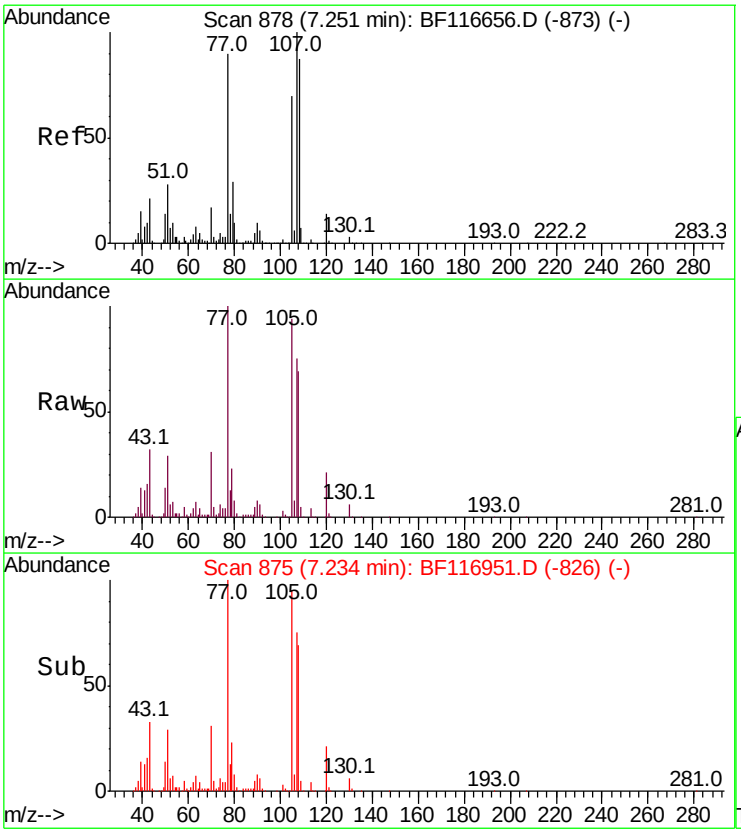
#19
n-Nitroso-di-n-propylamine
Concen: 42.757 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 199265

Ion	Ratio	Lower	Upper
70	100		
42	46.2	43.5	65.3
101	9.3	7.8	11.6
130	20.0	16.6	24.8

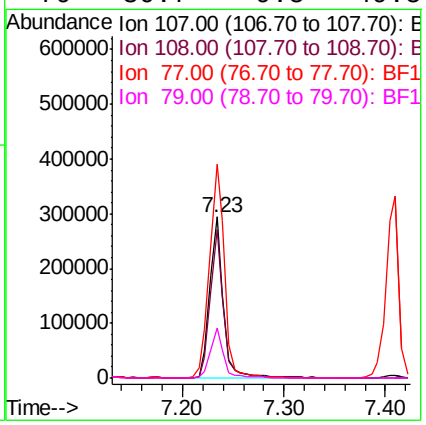


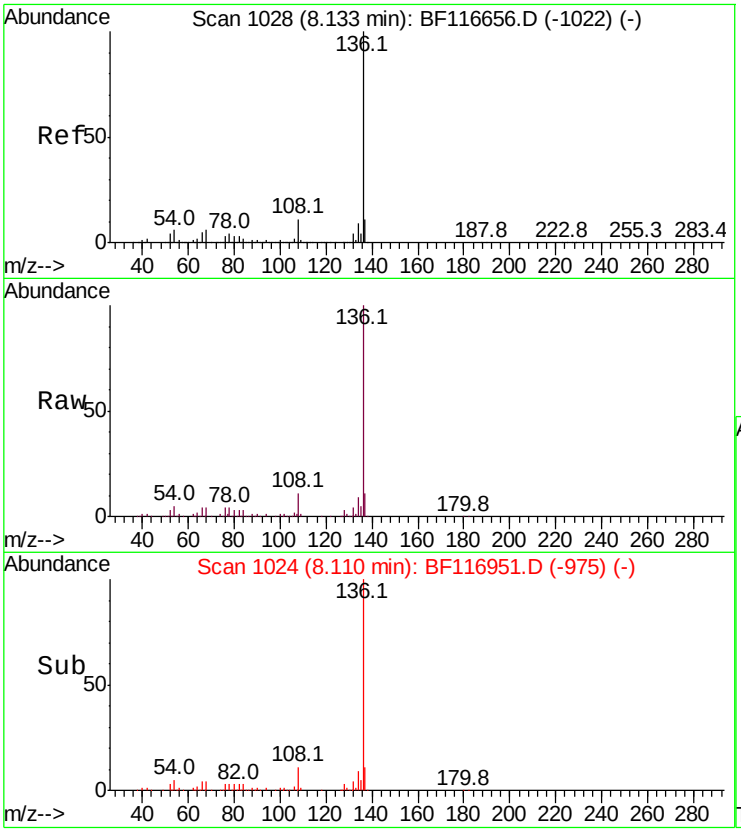


#20
3+4-Methylphenols
Concen: 45.115 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:107 Resp: 270203

Ion	Ratio	Lower	Upper
107	100		
108	91.9	65.5	105.5
77	132.6	69.4	109.4#
79	30.7	9.5	49.5

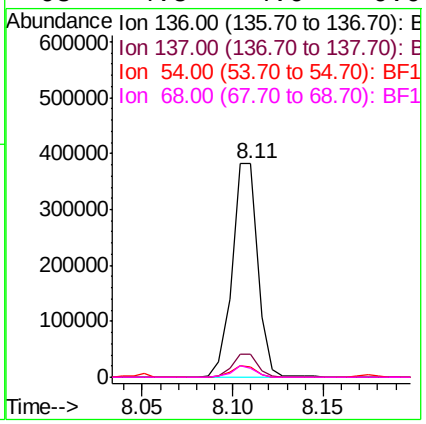




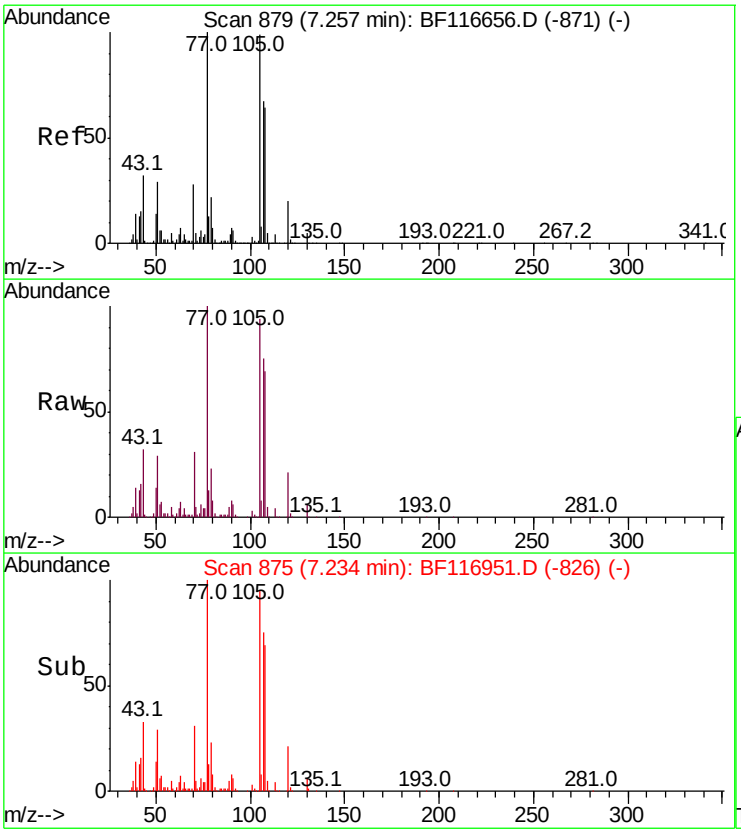
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:136 Resp: 374991

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	4.8	4.8	7.2
68	4.5	4.0	6.0



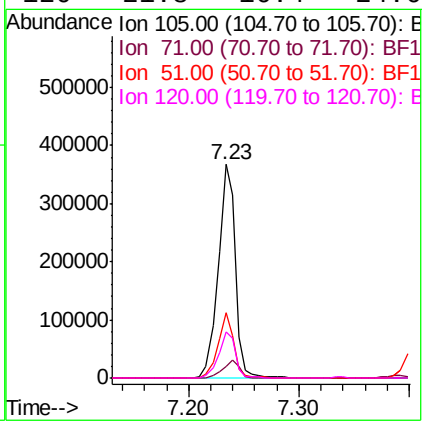
Instrument :
BNA_F
ClientSampleId :

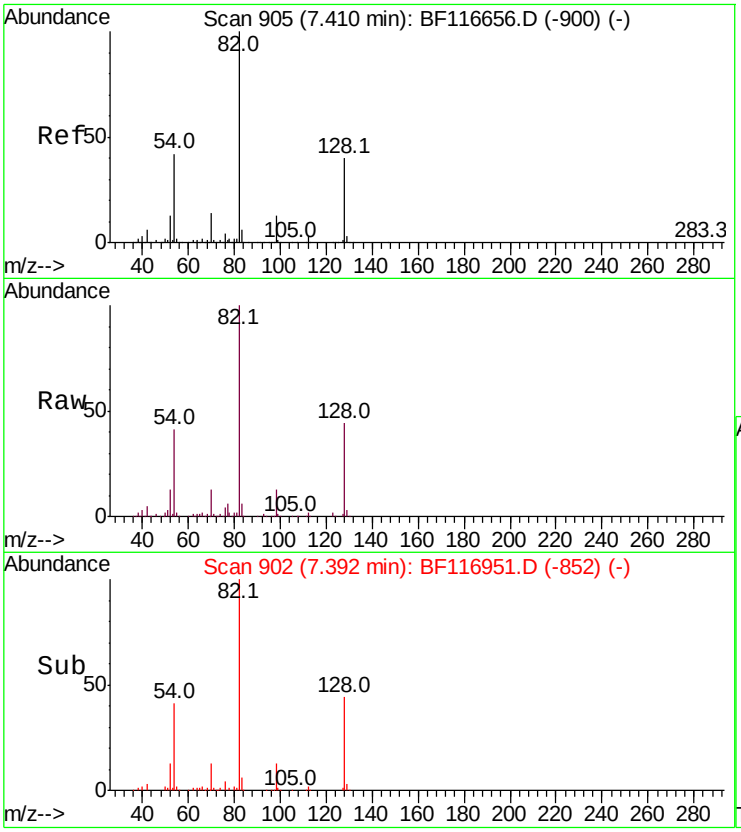


#22
Acetophenone
Concen: 43.977 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:105 Resp: 397019

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.4
51	30.8	25.8	38.8
120	21.8	16.4	24.6



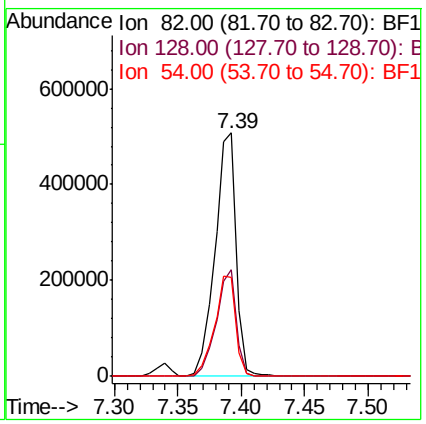


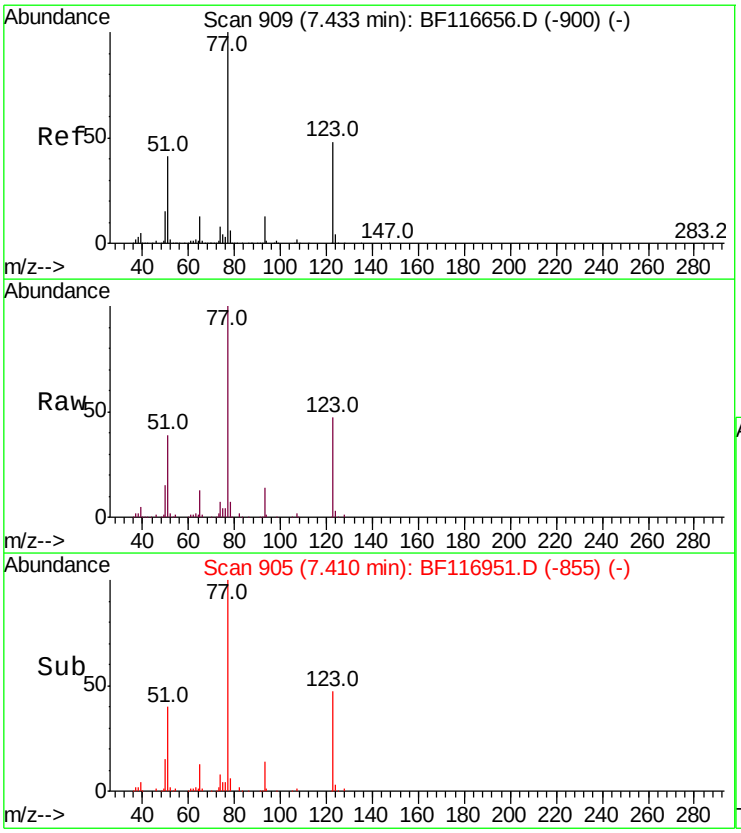
#23
Nitrobenzene-d5
Concen: 89.764 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 589632

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.8	49.2
54	40.7	36.9	55.3

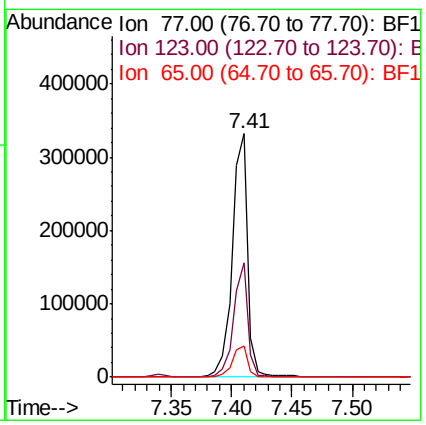


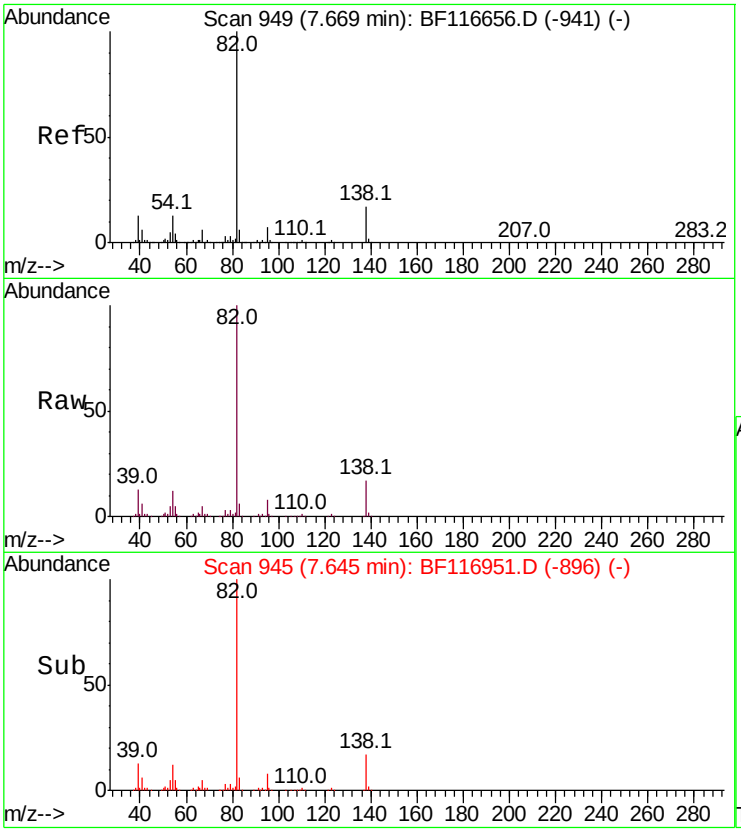


#24
Nitrobenzene
Concen: 43.634 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 77 Resp: 291504

Ion	Ratio	Lower	Upper
77	100		
123	47.1	33.1	49.7
65	12.9	10.6	15.8



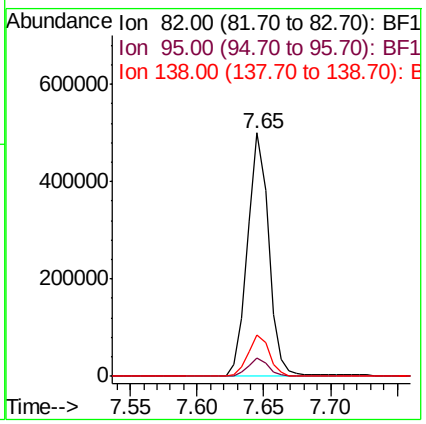


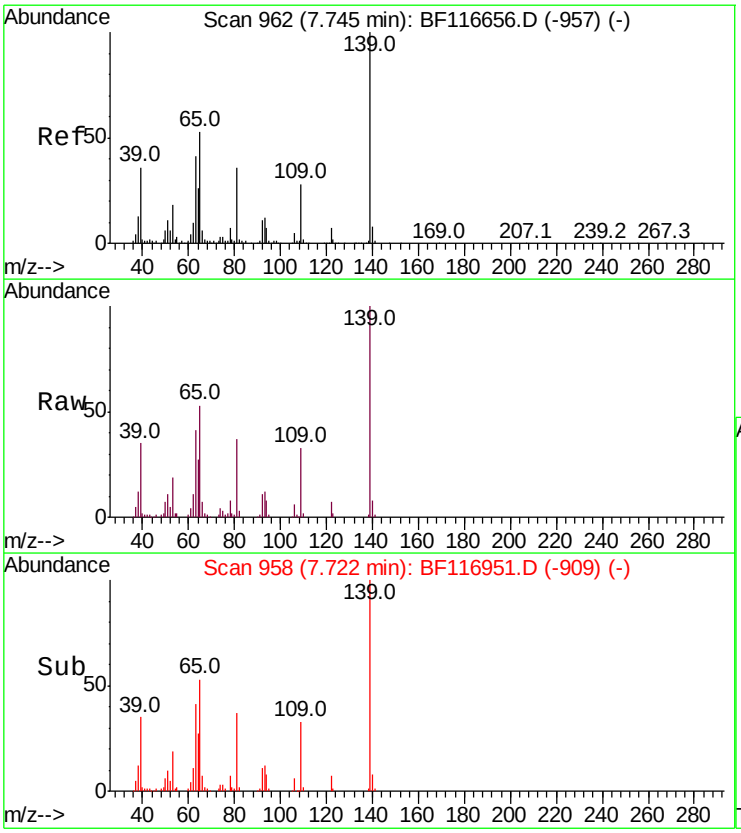
#25
Isophorone
Concen: 40.910 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 544527

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	16.8	13.5	20.3

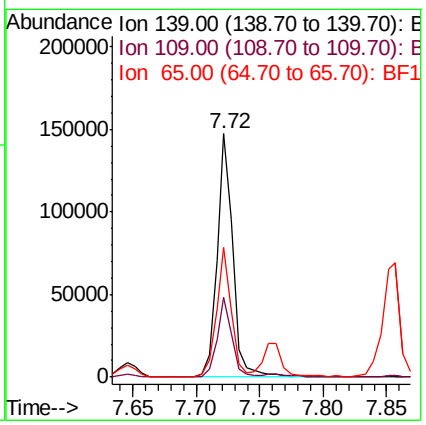


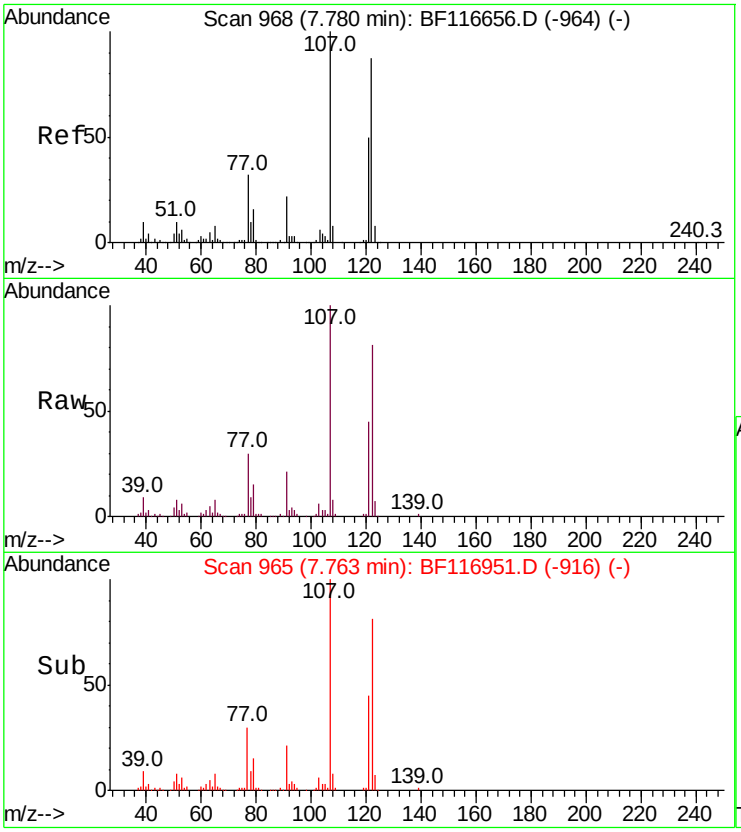


#26
2-Nitrophenol
Concen: 51.878 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:139 Resp: 128852

Ion	Ratio	Lower	Upper
139	100		
109	32.8	27.1	40.7
65	53.1	43.0	64.6



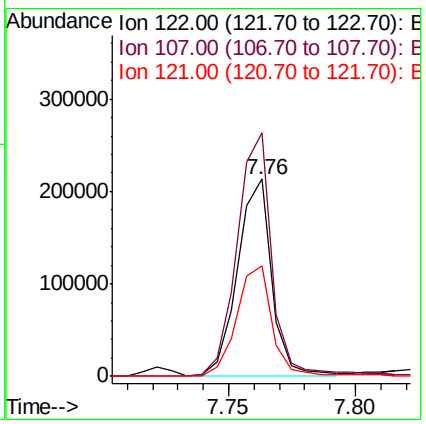


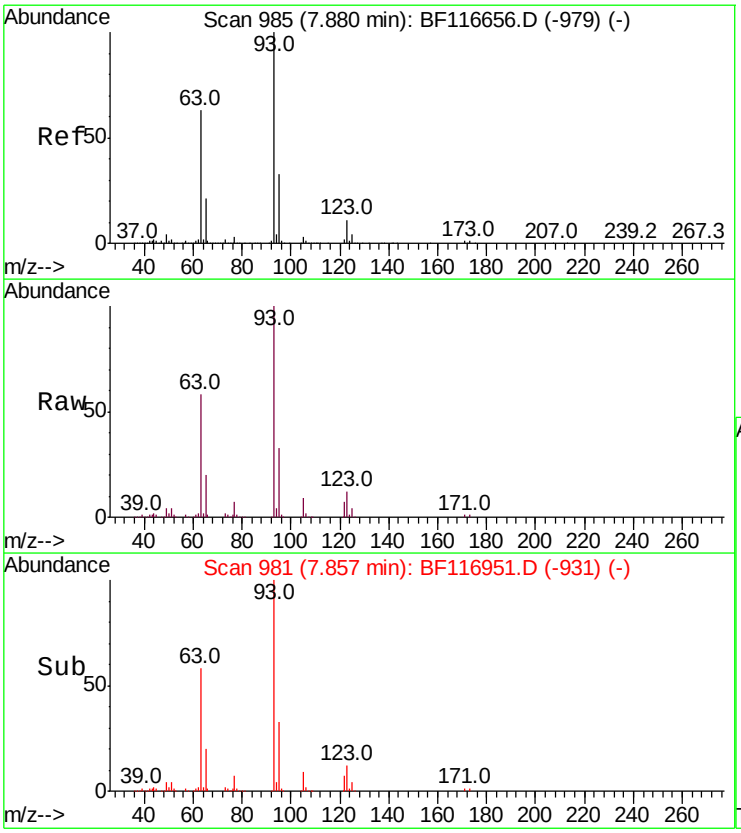
#27
2,4-Dimethylphenol
Concen: 40.061 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 200954

Ion	Ratio	Lower	Upper
122	100		
107	123.5	98.1	147.1
121	56.0	47.3	70.9

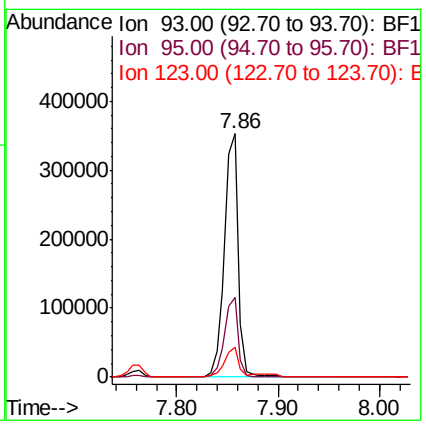


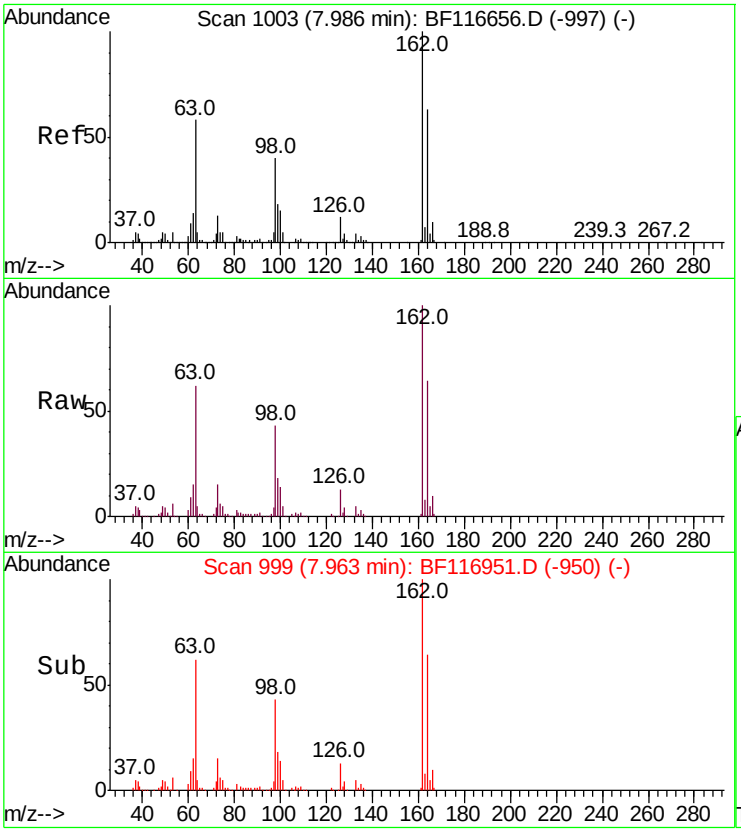


#28
bis(2-Chloroethoxy)methane
Concen: 41.299 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 93 Resp: 335925

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.1	9.8	14.8



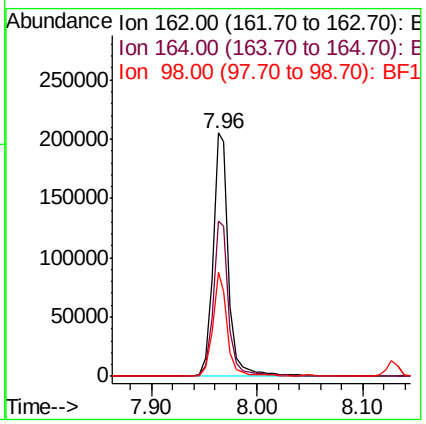


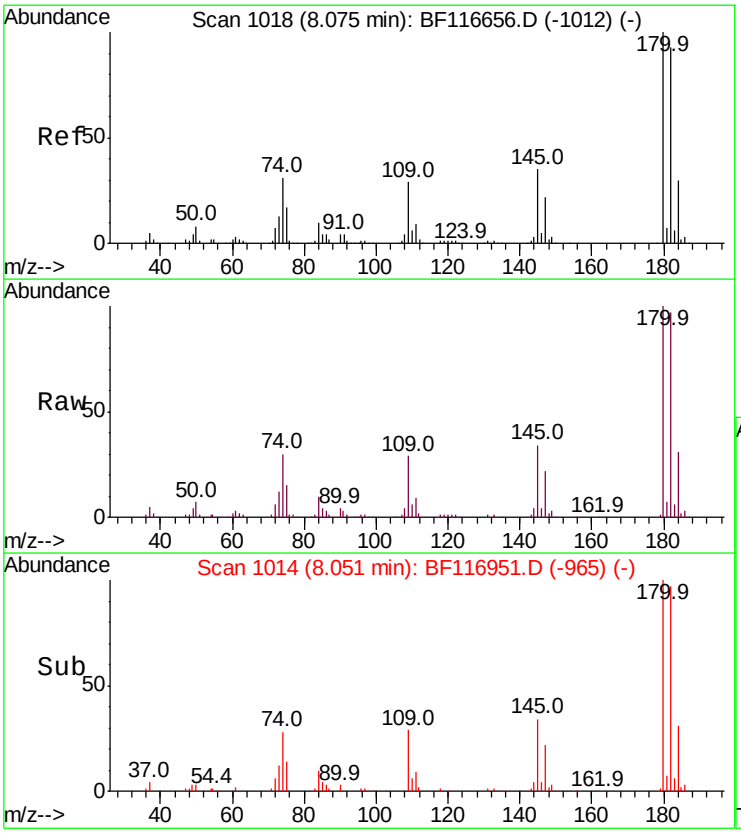
#29
2,4-Dichlorophenol
Concen: 44.672 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 215349

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.4	83.4
98	42.8	18.1	58.1

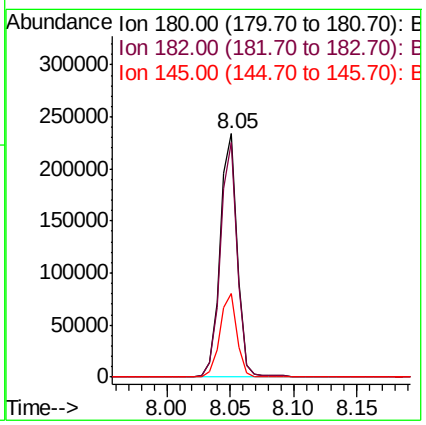


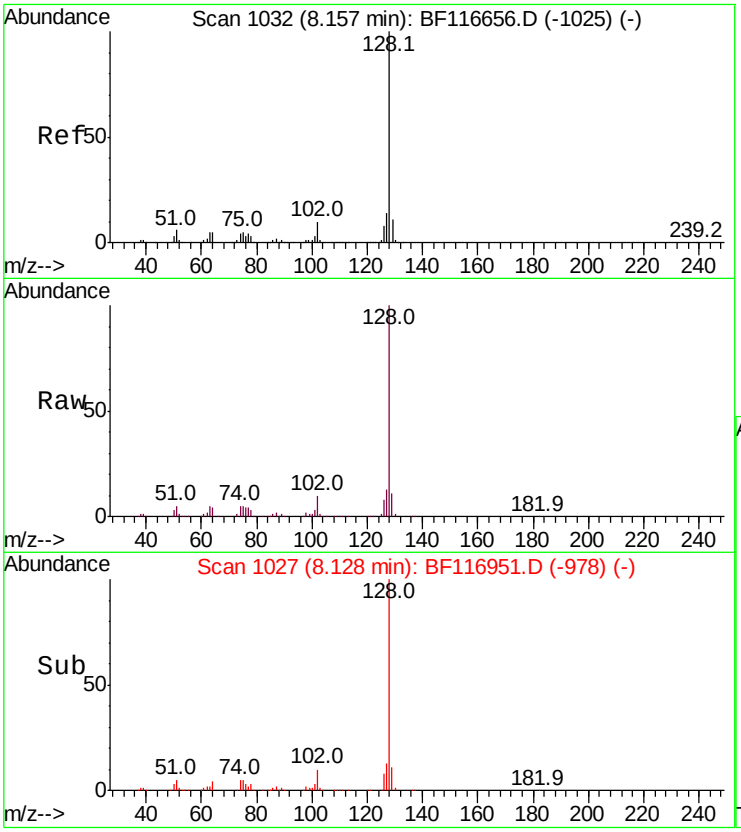


#30
1,2,4-Trichlorobenzene
Concen: 42.628 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:180 Resp: 222886

Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.6	118.0
145	34.3	25.7	38.5



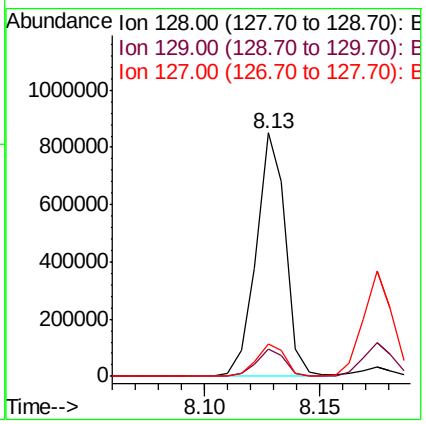


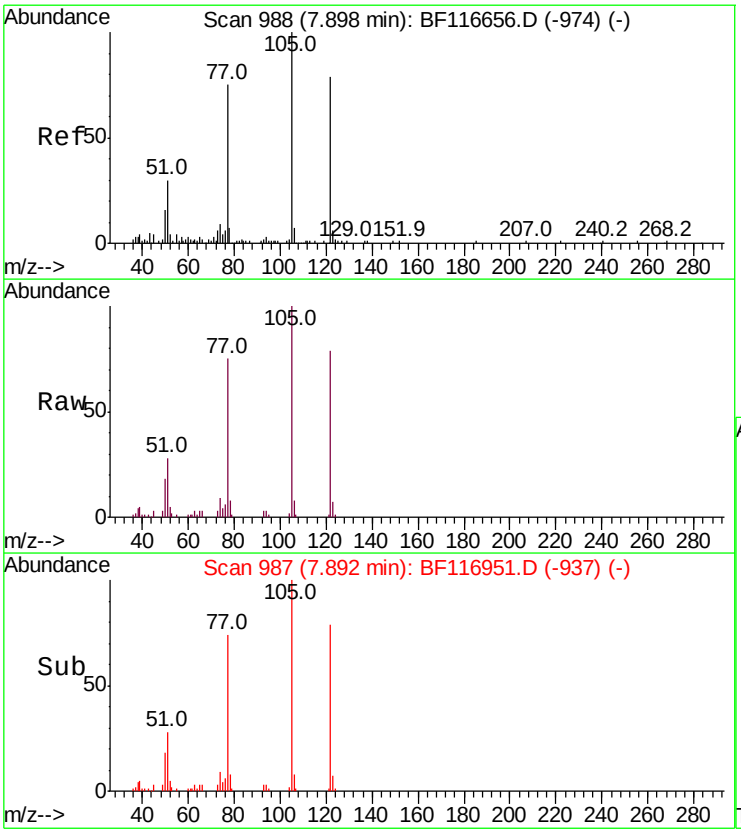
#31
Naphthalene
Concen: 42.326 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 754724

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.3	10.4	15.6

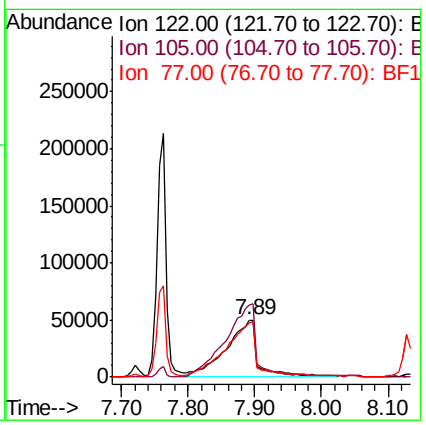


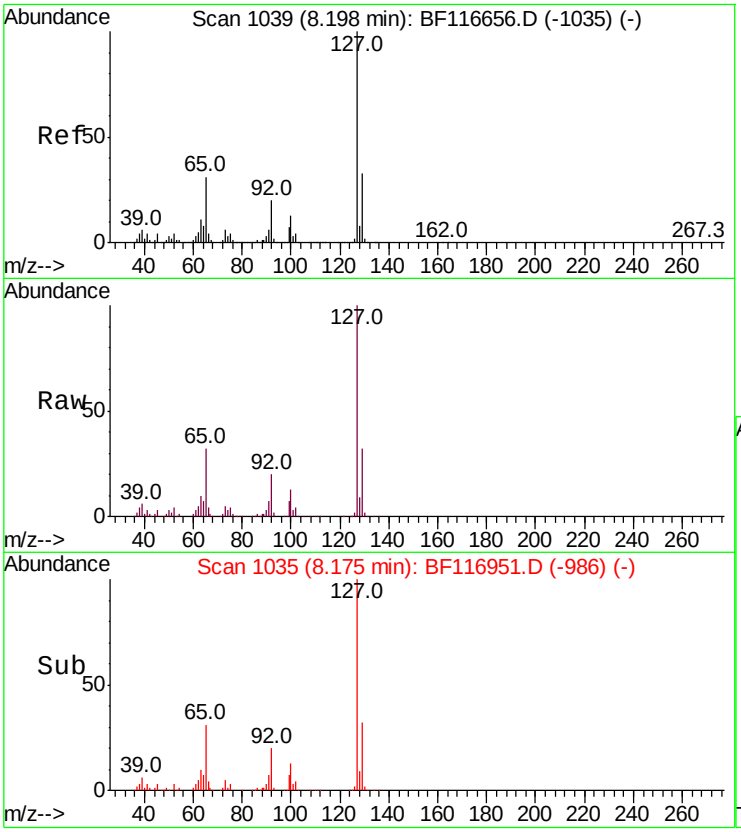


#32
Benzoic acid
Concen: 56.767 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:122 Resp: 160784

Ion	Ratio	Lower	Upper
122	100		
105	125.8	110.0	150.0
77	94.3	81.7	121.7



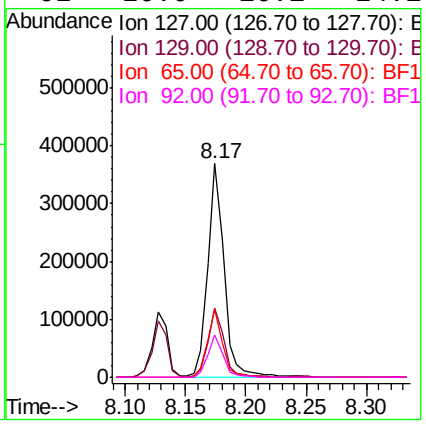


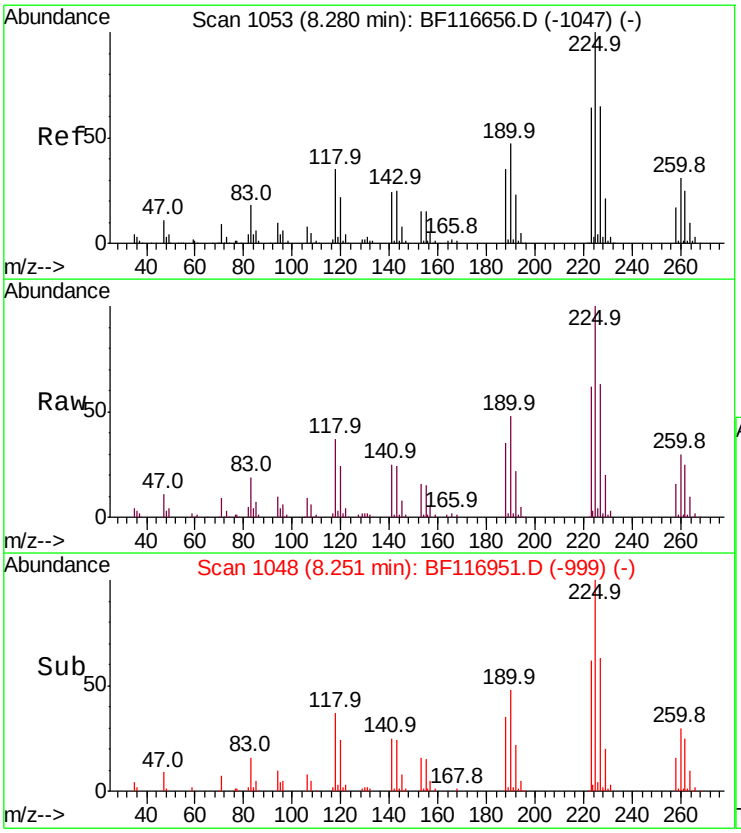
#33
4-Chloroaniline
Concen: 42.328 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 343564

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	31.6	26.0	39.0
92	20.0	16.1	24.1

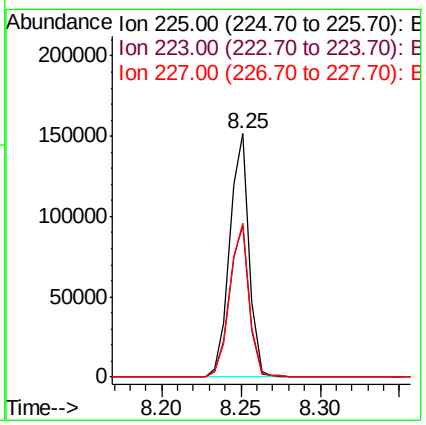


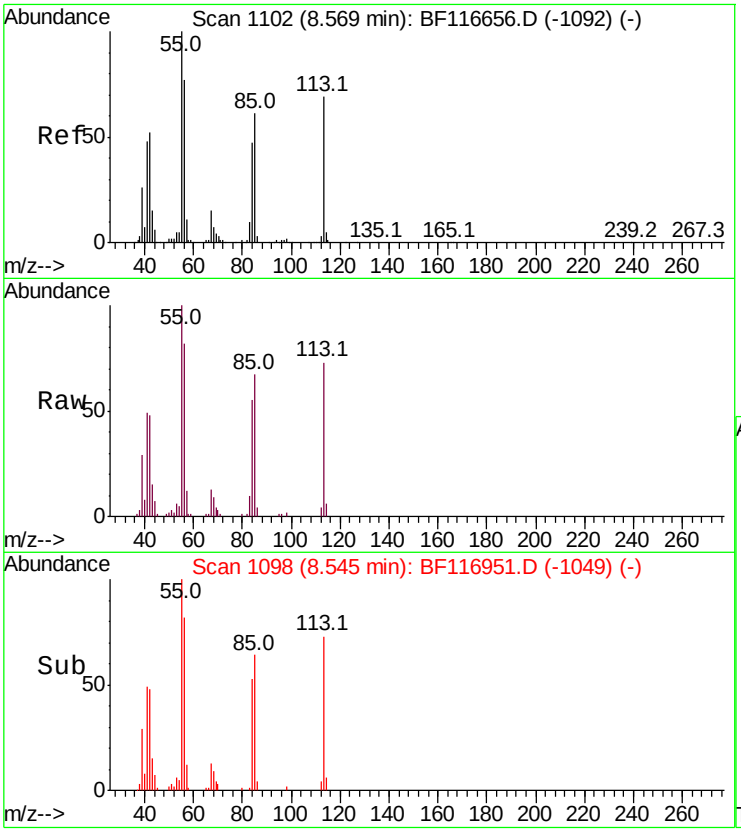


#34
Hexachlorobutadiene
Concen: 44.996 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:225 Resp: 128280

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	63.2	51.0	76.4



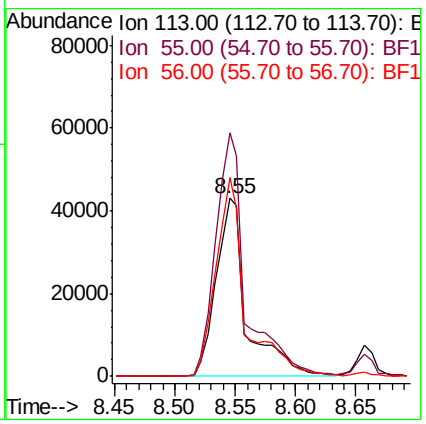


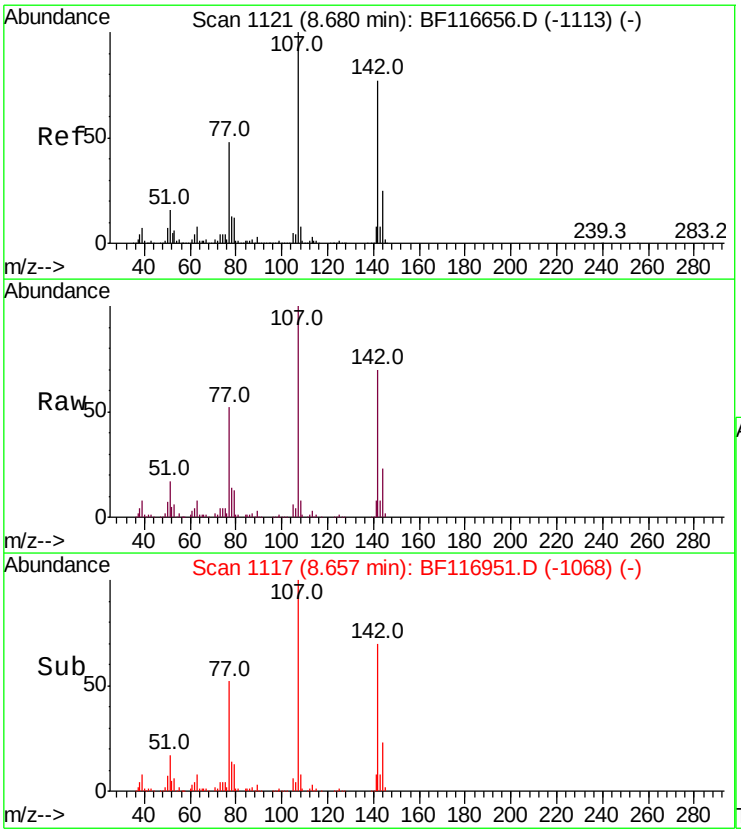
#35
Caprolactam
Concen: 41.724 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 75275

Ion	Ratio	Lower	Upper
113	100		
55	136.6	124.3	164.3
56	111.3	94.6	134.6

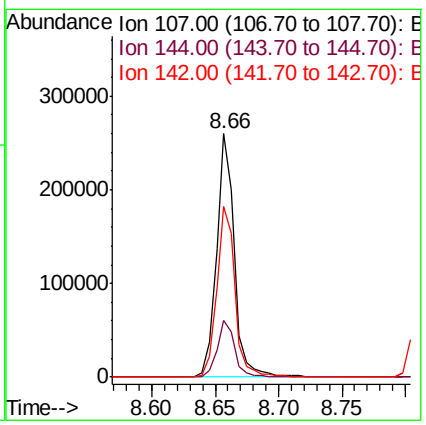


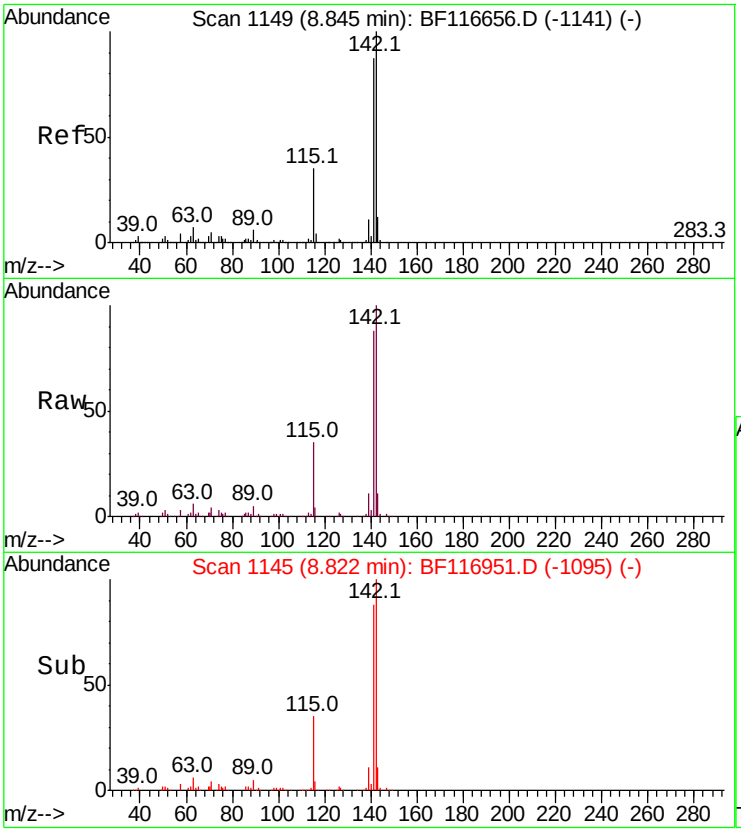


#36
4-Chloro-3-methylphenol
Concen: 46.410 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:107 Resp: 257138

Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.6	27.8
142	69.9	58.5	87.7



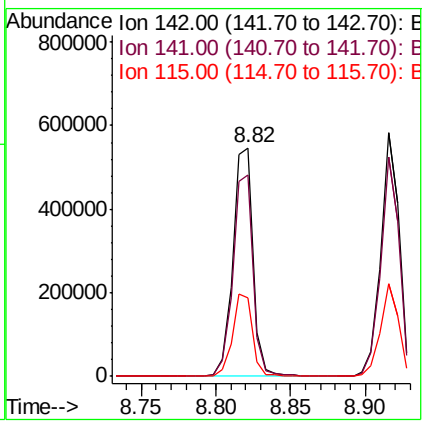


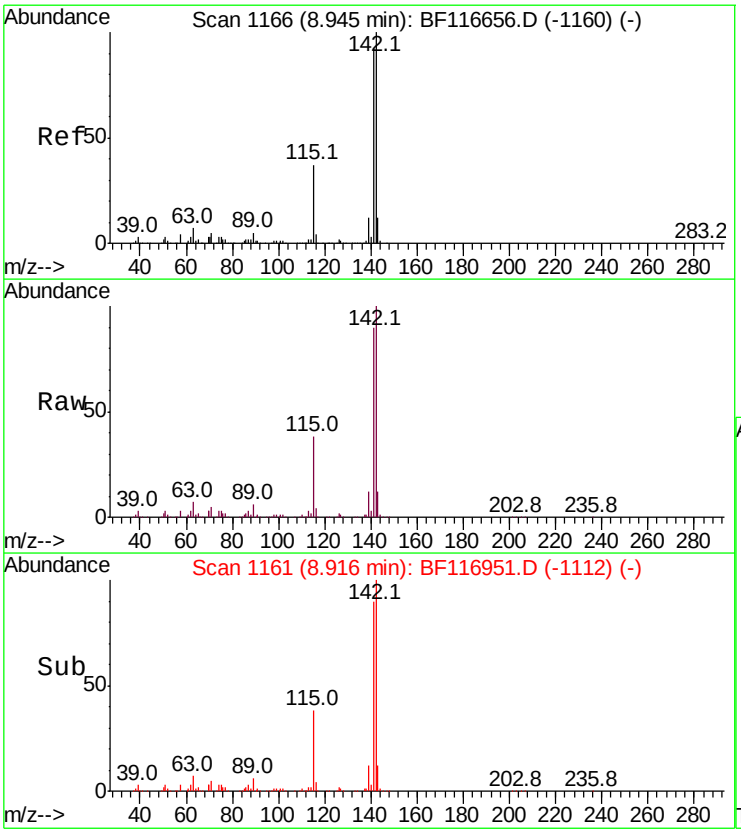
#37
2-Methylnaphthalene
Concen: 43.973 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 521700

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	109.0
115	34.6	29.8	44.6

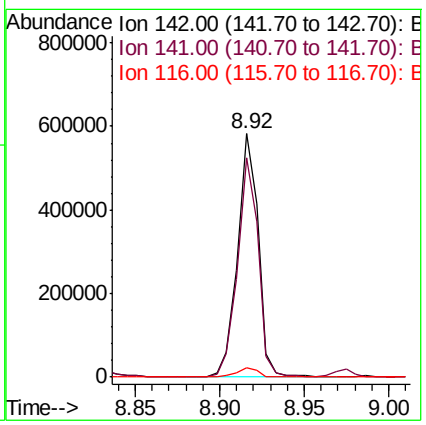


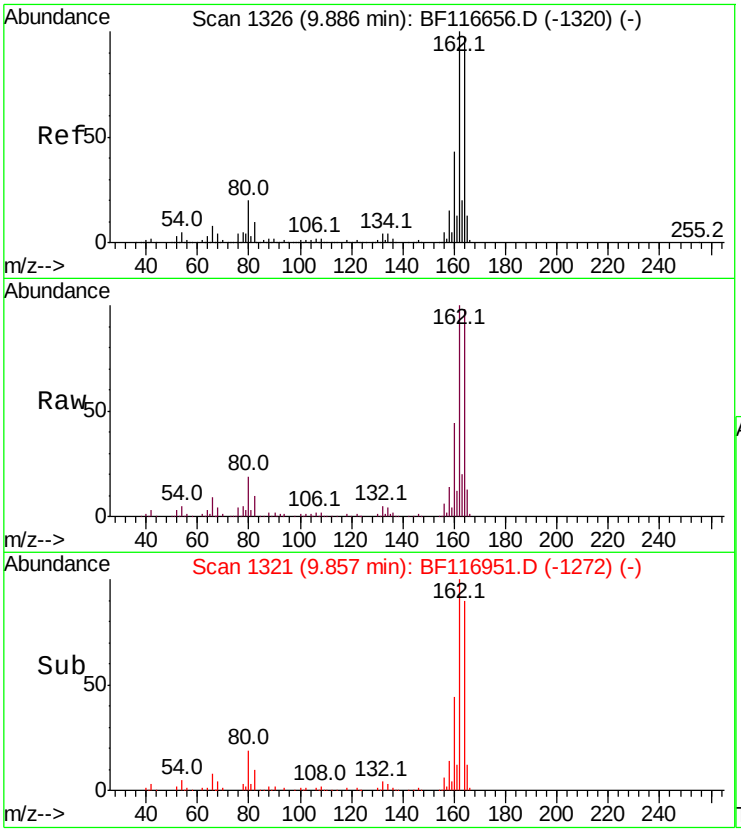


#38
1-Methylnaphthalene
Concen: 43.879 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:142 Resp: 491424

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.9	110.9
116	4.0	3.0	4.6



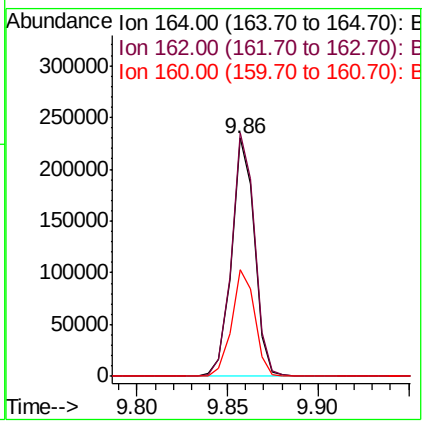


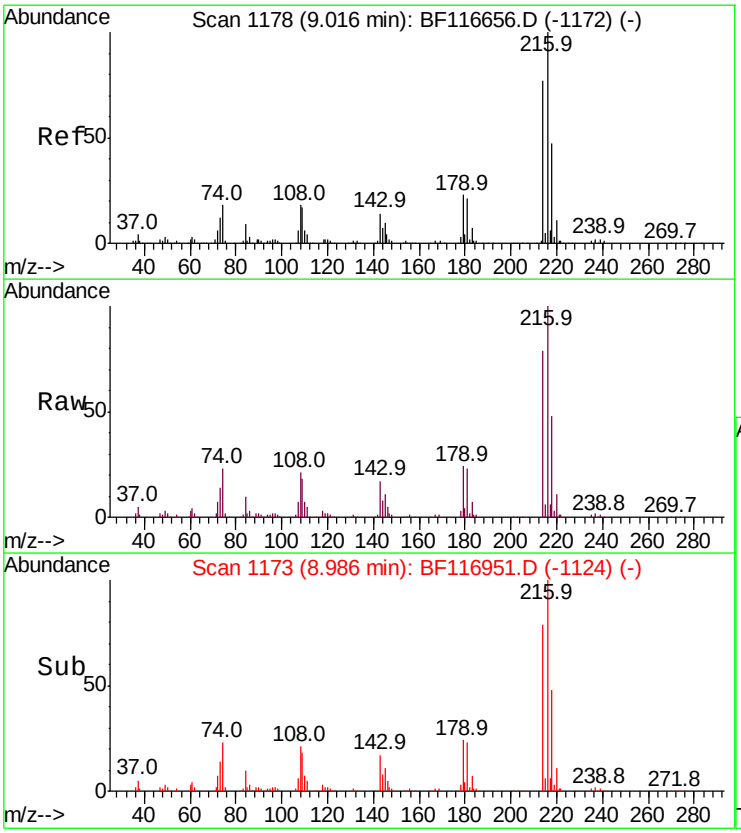
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 202566

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.6	35.4	53.2

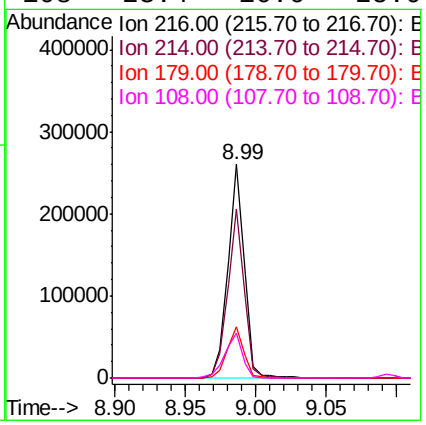


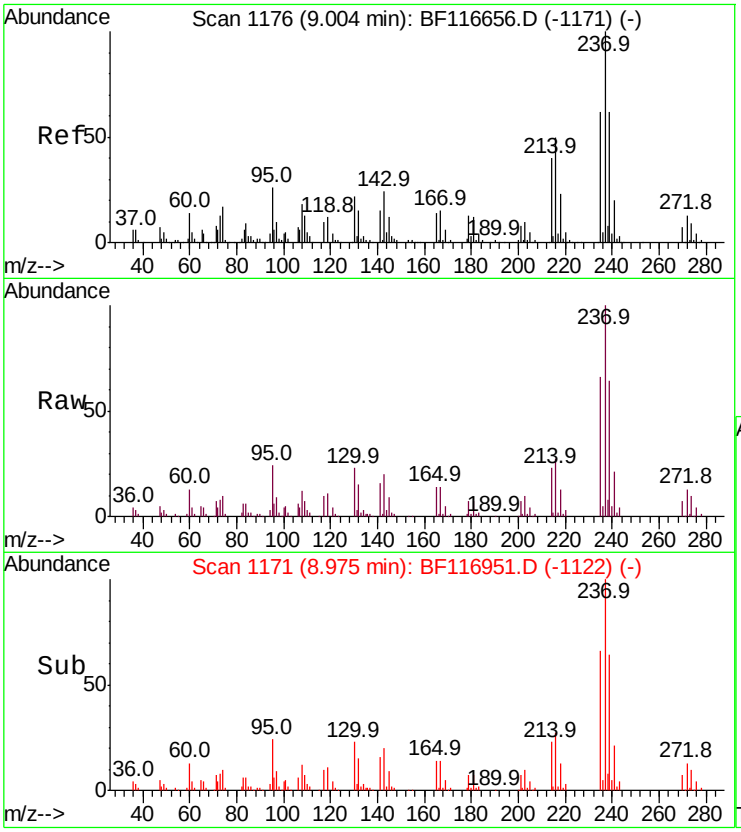


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.330 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:216 Resp: 210406

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.7	94.1
179	24.1	19.3	28.9
108	23.4	16.6	25.0



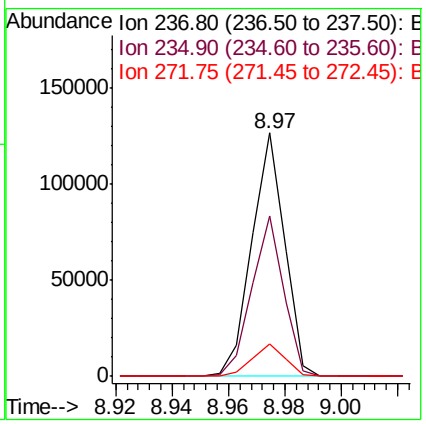


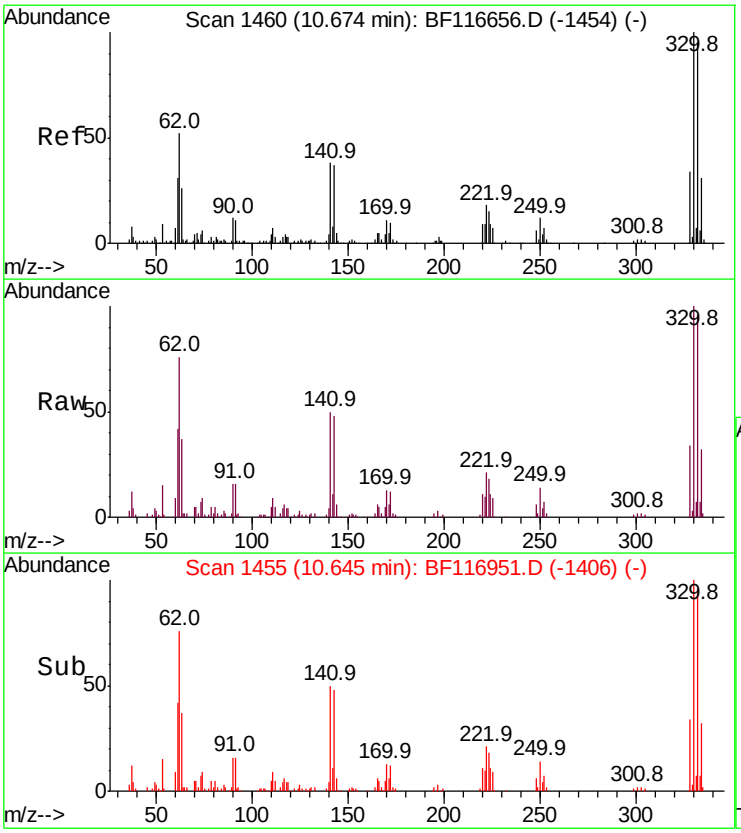
#41
Hexachlorocyclopentadiene
Concen: 36.454 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 102221

Ion	Ratio	Lower	Upper
237	100		
235	65.8	41.4	81.4
272	13.4	0.0	32.8

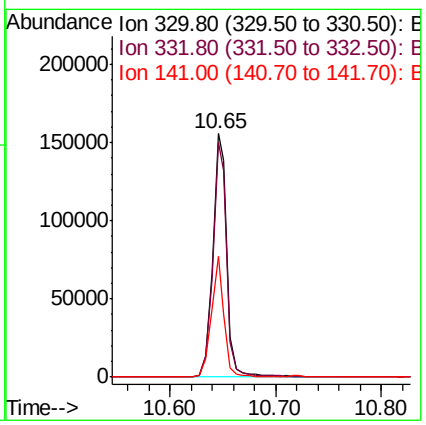


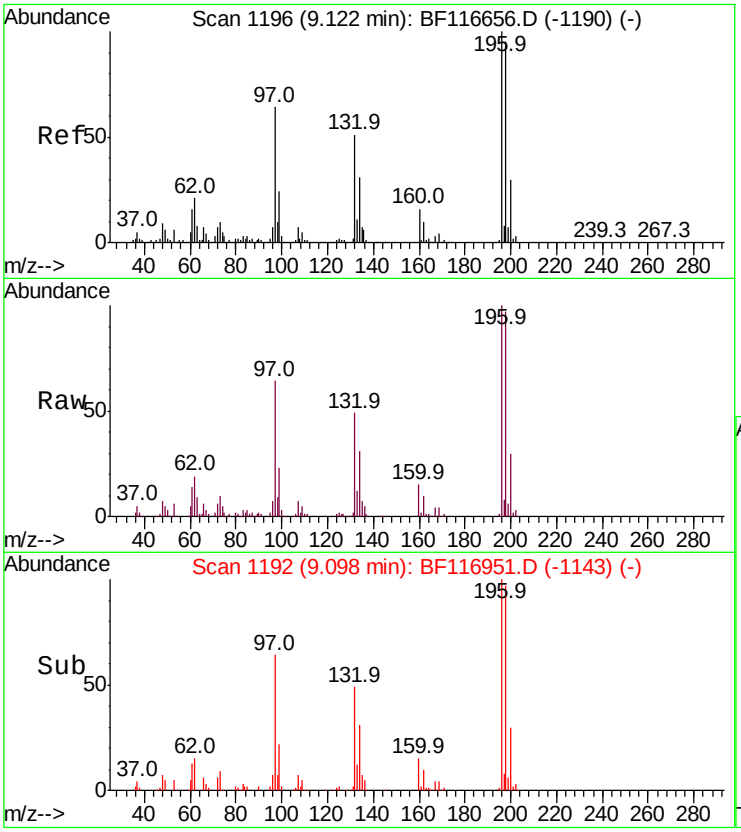


#42
2,4,6-Tribromophenol
Concen: 109.548 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:330 Resp: 148349

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	44.5	31.4	47.2



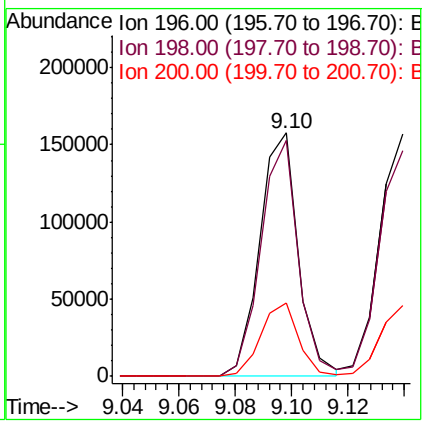


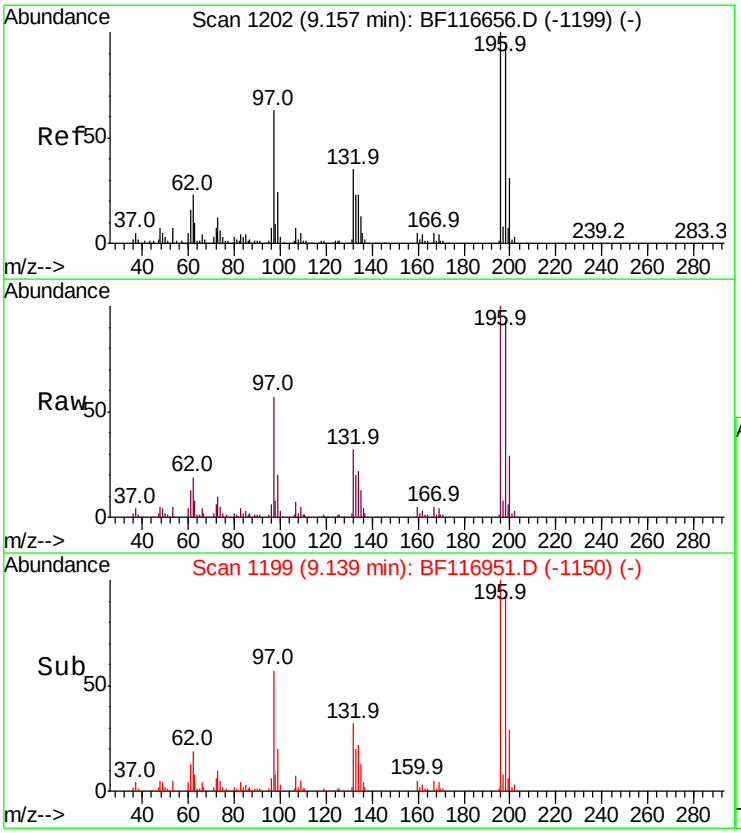
#43
2,4,6-Trichlorophenol
Concen: 44.877 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 149381

Ion	Ratio	Lower	Upper
196	100		
198	96.7	79.1	118.7
200	30.1	24.0	36.0

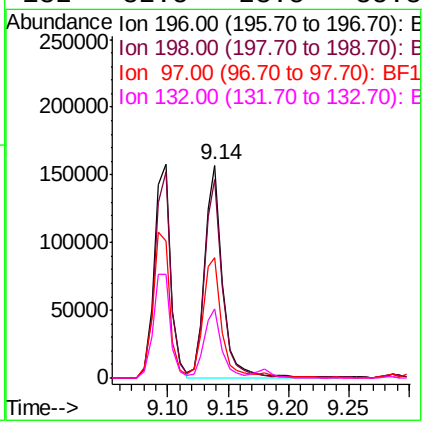


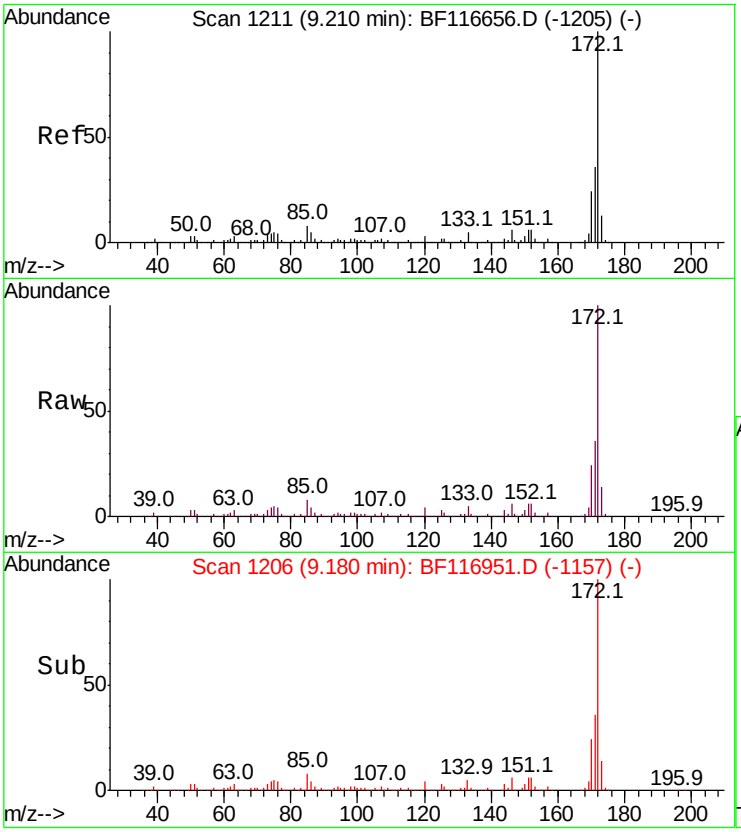


#44
2,4,5-Trichlorophenol
Concen: 45.921 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:196 Resp: 158694

Ion	Ratio	Lower	Upper
196	100		
198	93.4	78.1	117.1
97	56.7	41.6	62.4
132	32.5	23.5	35.3



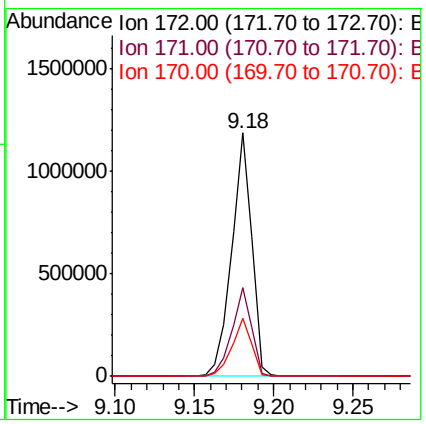


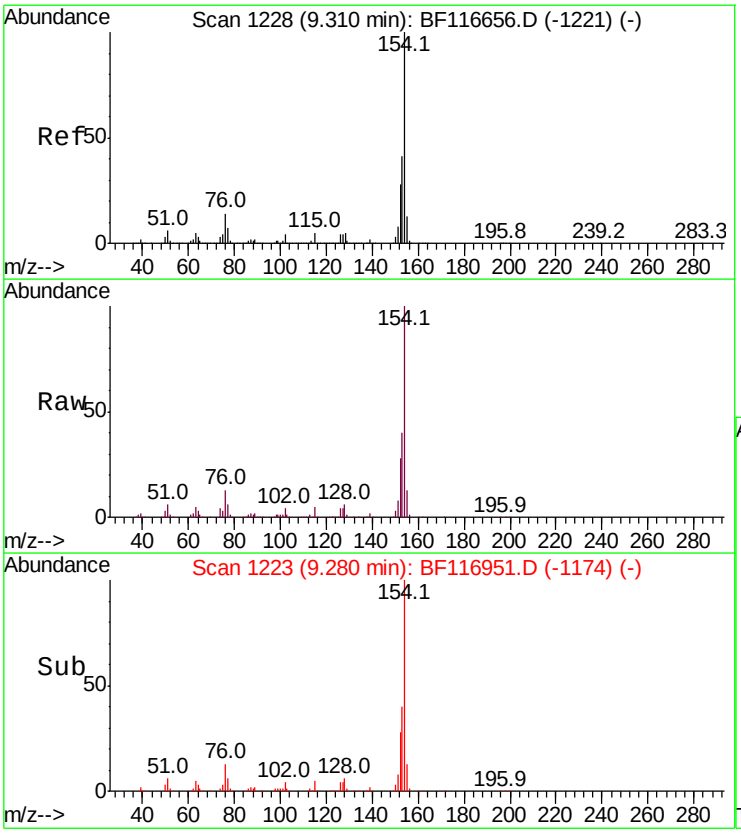
#45
2-Fluorobiphenyl
Concen: 87.331 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1048693

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.0	18.9	28.3

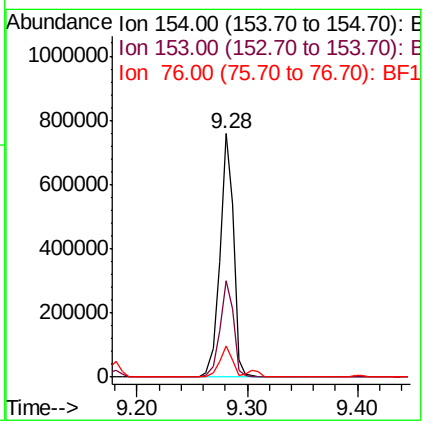


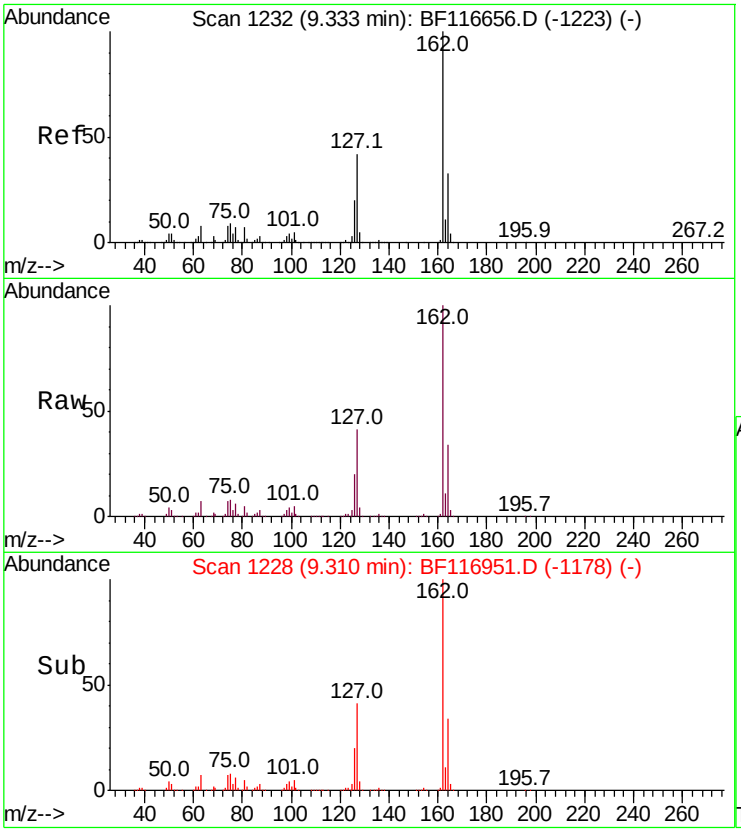


#46
1,1'-Biphenyl
Concen: 42.368 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:154 Resp: 651237

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	12.8	0.0	30.9



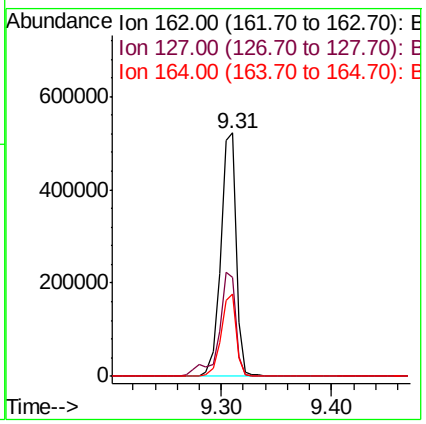


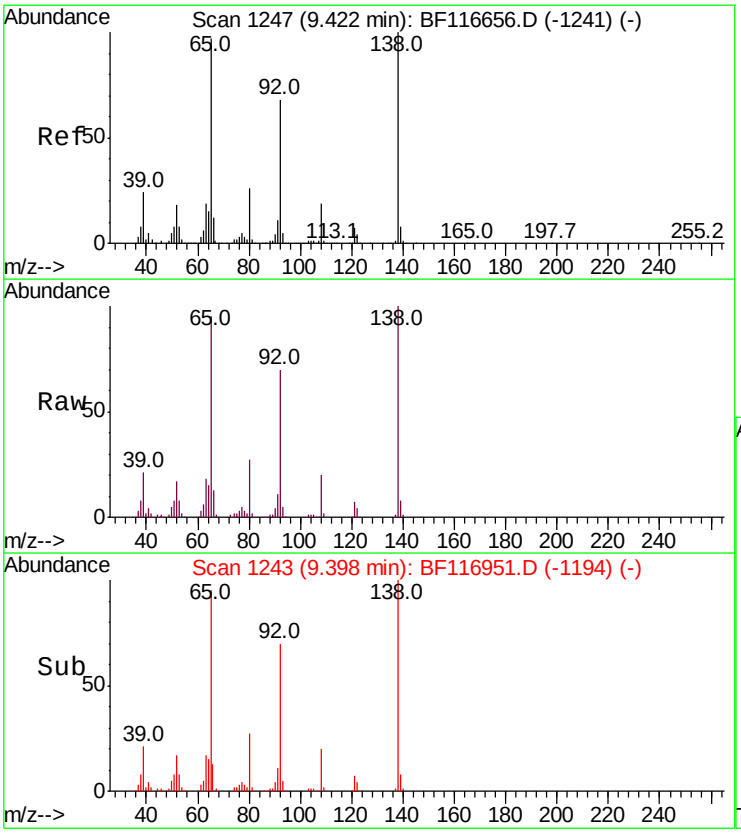
#47
2-Chloronaphthalene
Concen: 42.082 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 512322

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	33.7	26.6	39.8

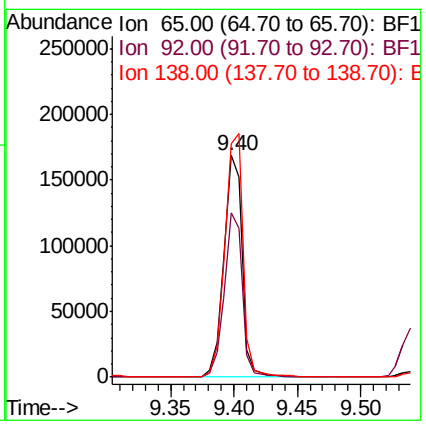


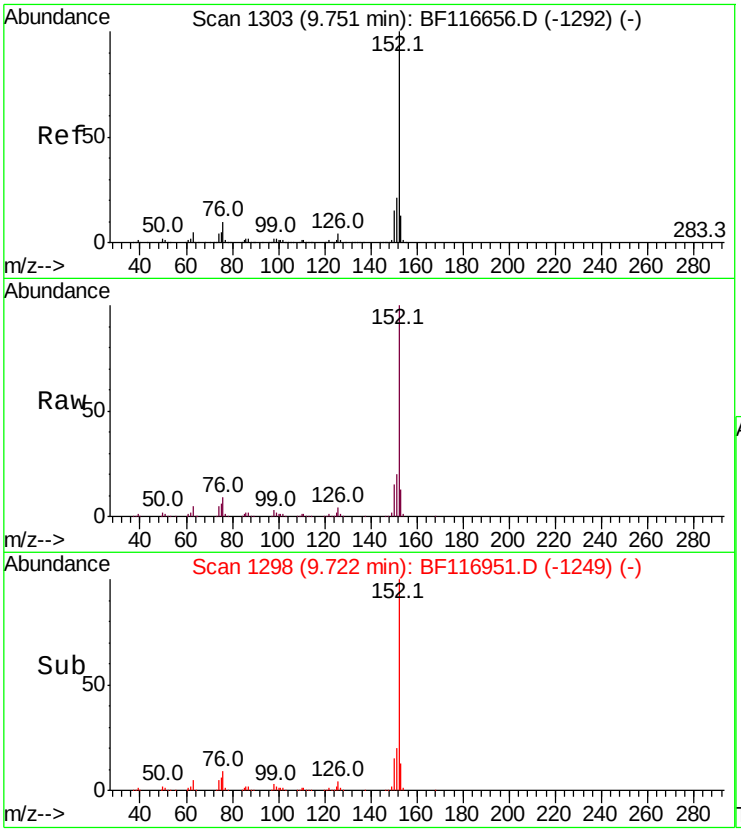


#48
2-Nitroaniline
Concen: 47.867 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion: 65 Resp: 168476

Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.1	85.7
138	105.2	88.2	132.2



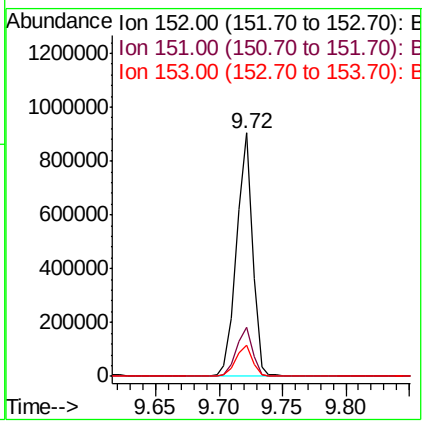


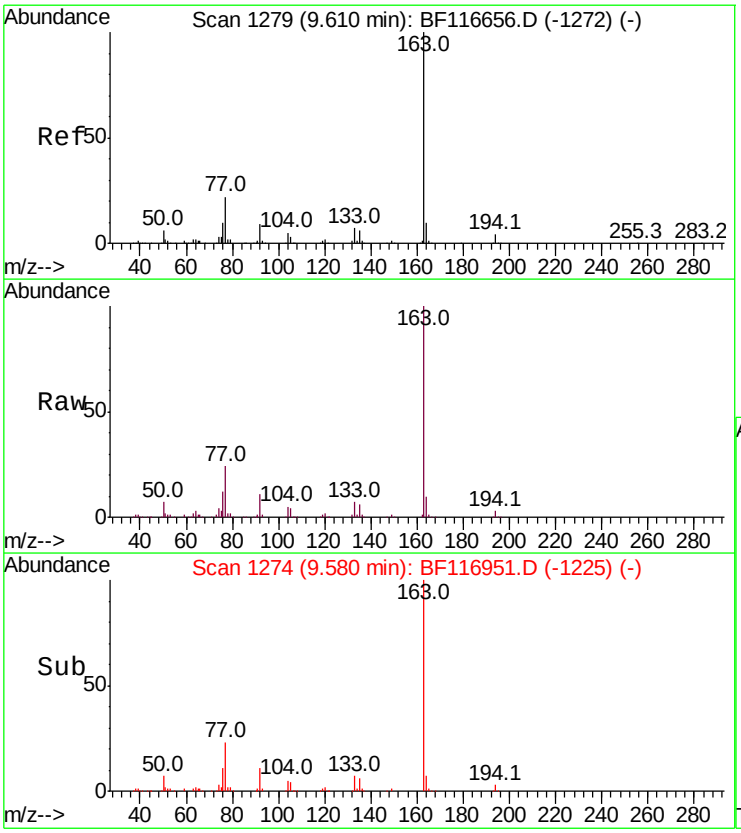
#49
Acenaphthylene
Concen: 42.426 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 780764

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.9	16.3

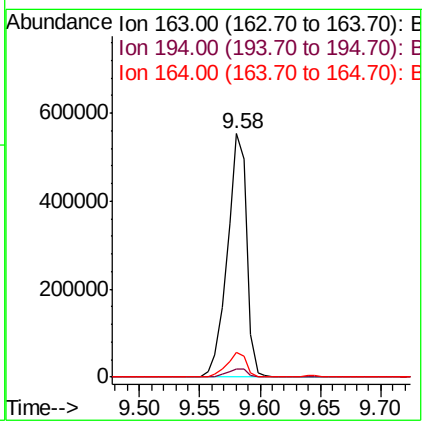


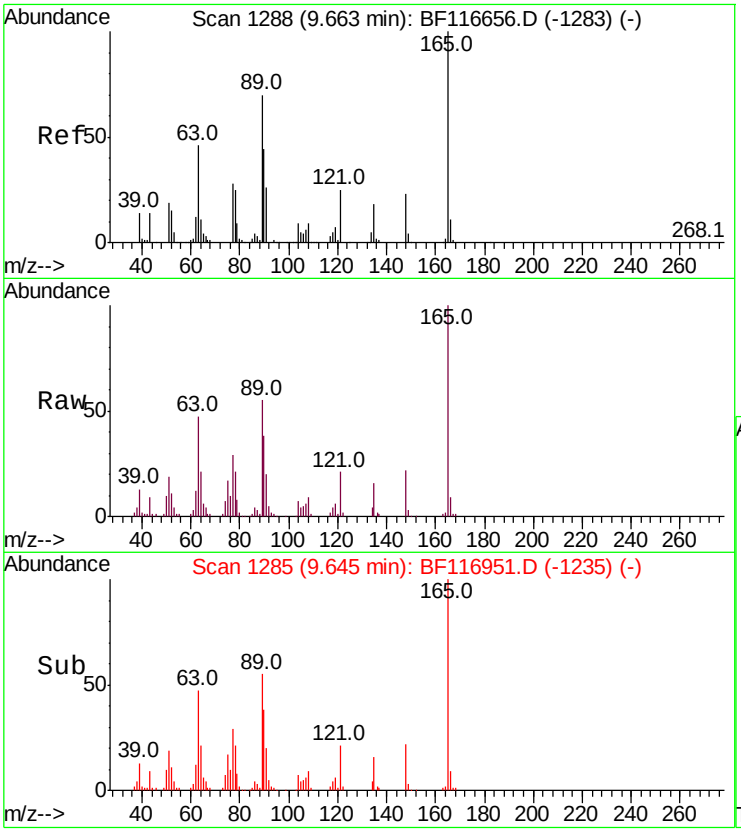


#50
Dimethylphthalate
Concen: 43.939 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:163 Resp: 614494

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.3	8.6	12.8



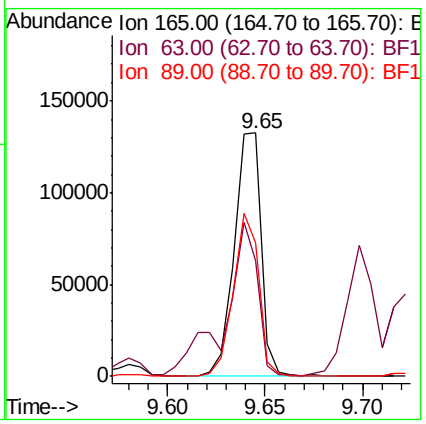


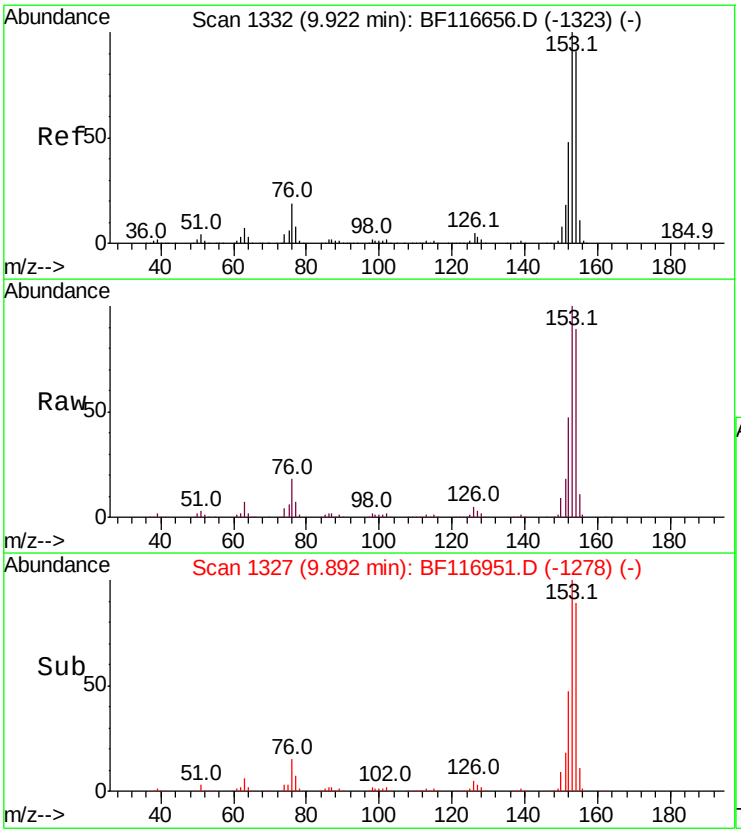
#51
2,6-Dinitrotoluene
Concen: 47.591 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 126986

Ion	Ratio	Lower	Upper
165	100		
63	47.5	47.3	70.9
89	55.1	52.5	78.7

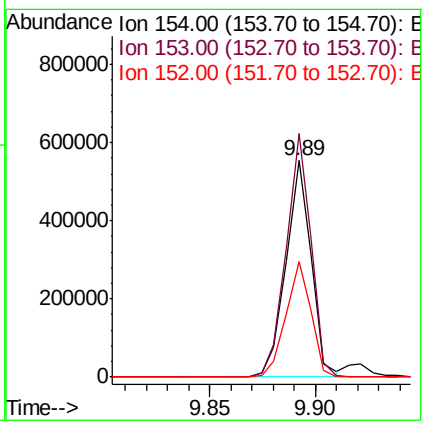


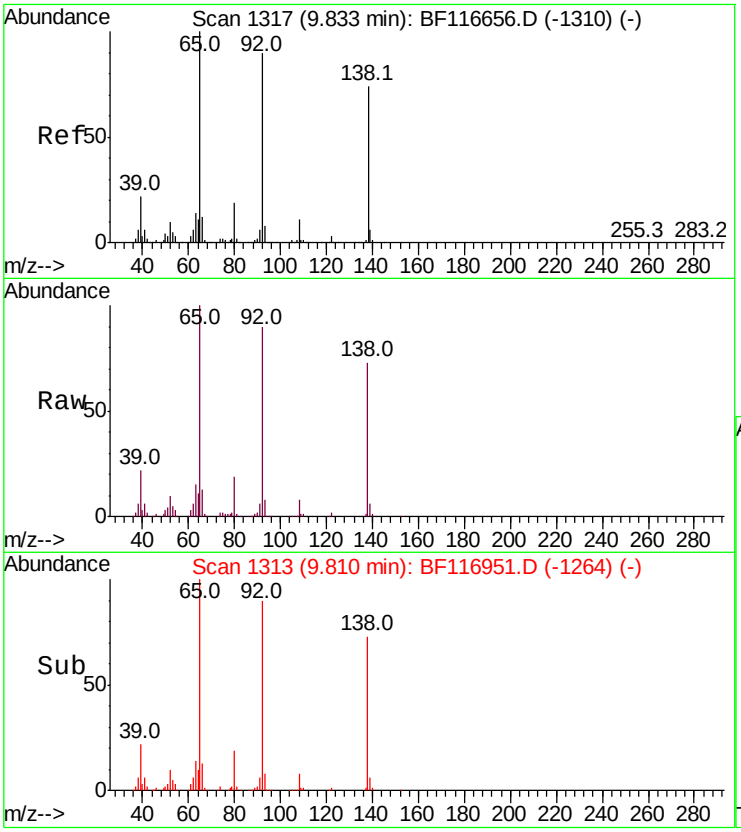


#52
Acenaphthene
Concen: 40.803 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:154 Resp: 461377

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.5	134.3
152	53.2	41.9	62.9



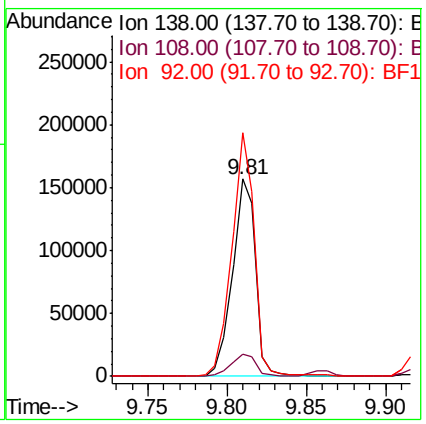


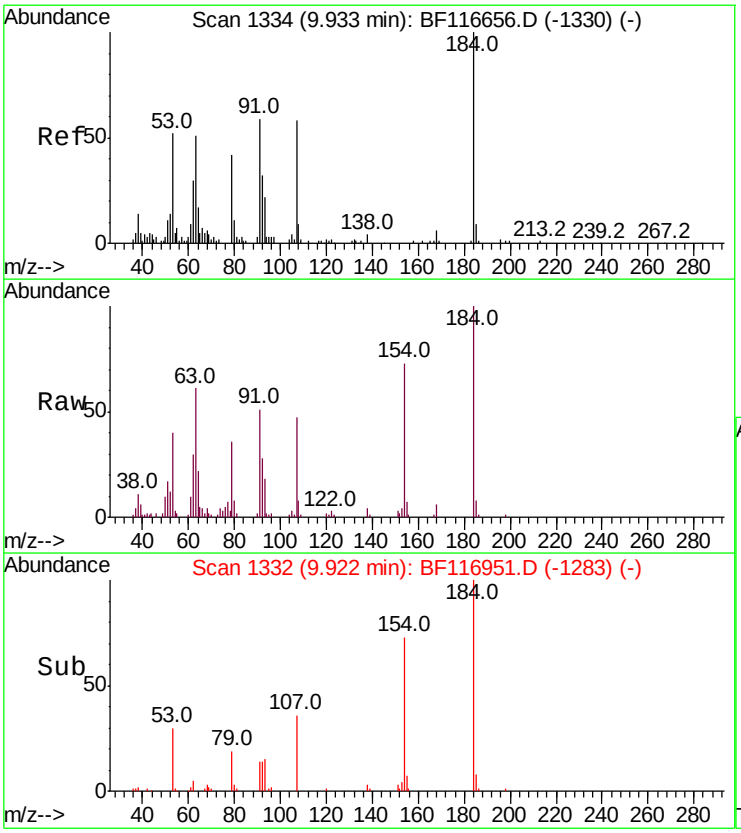
#53
3-Nitroaniline
Concen: 47.117 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 157552

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	123.6	87.2	130.8

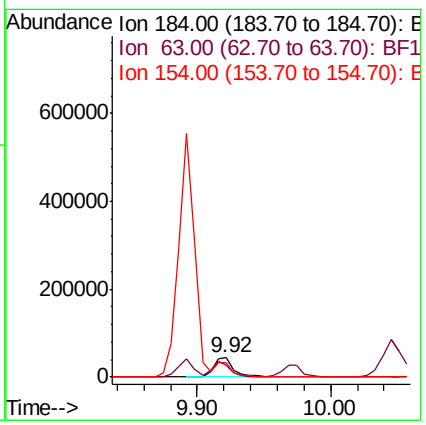


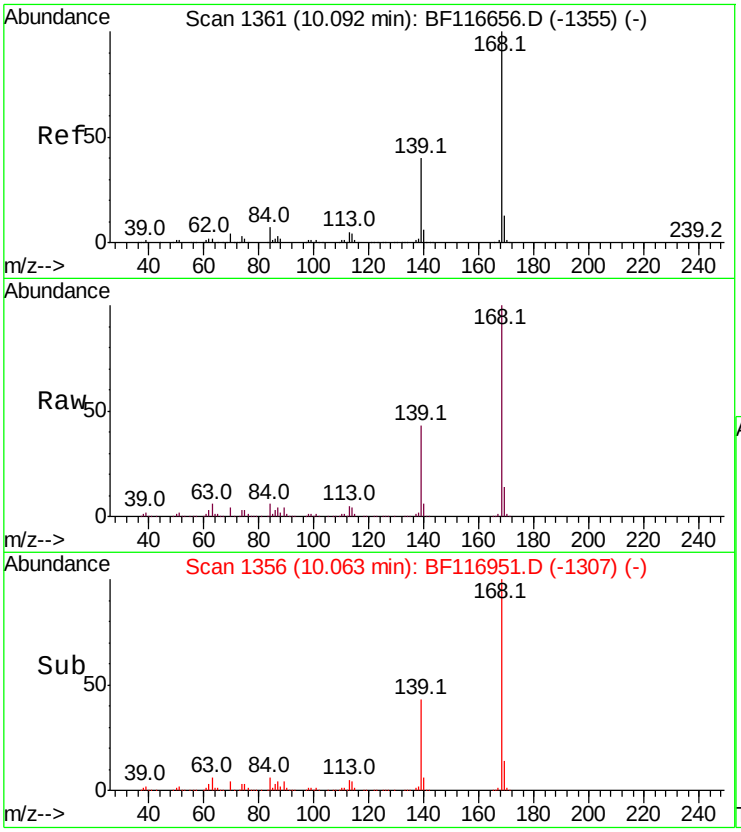


#54
2,4-Dinitrophenol
Concen: 53.512 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:184 Resp: 47469

Ion	Ratio	Lower	Upper
184	100		
63	61.2	52.2	78.2
154	72.9	60.8	91.2



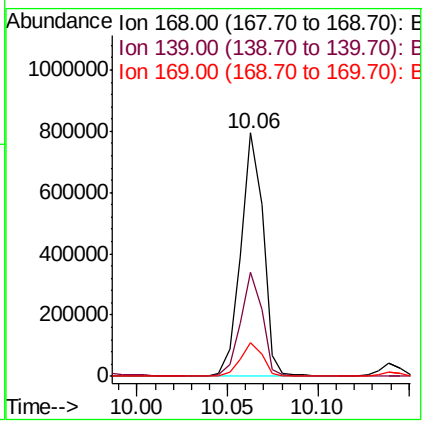


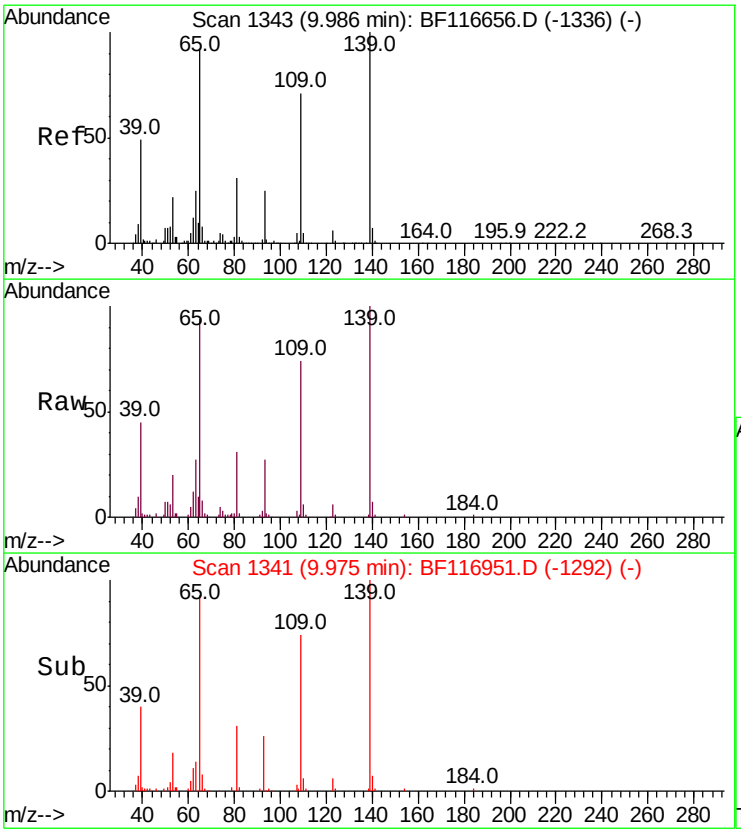
#55
Dibenzofuran
Concen: 42.869 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 683348

Ion	Ratio	Lower	Upper
168	100		
139	42.8	31.5	47.3
169	13.7	10.3	15.5

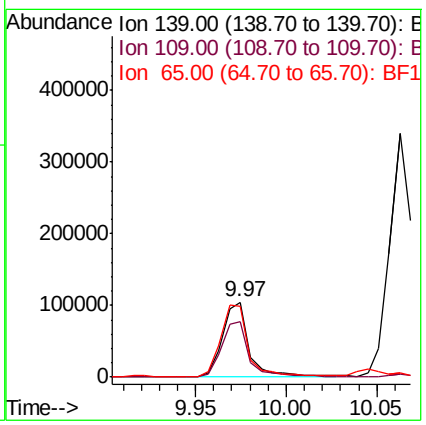


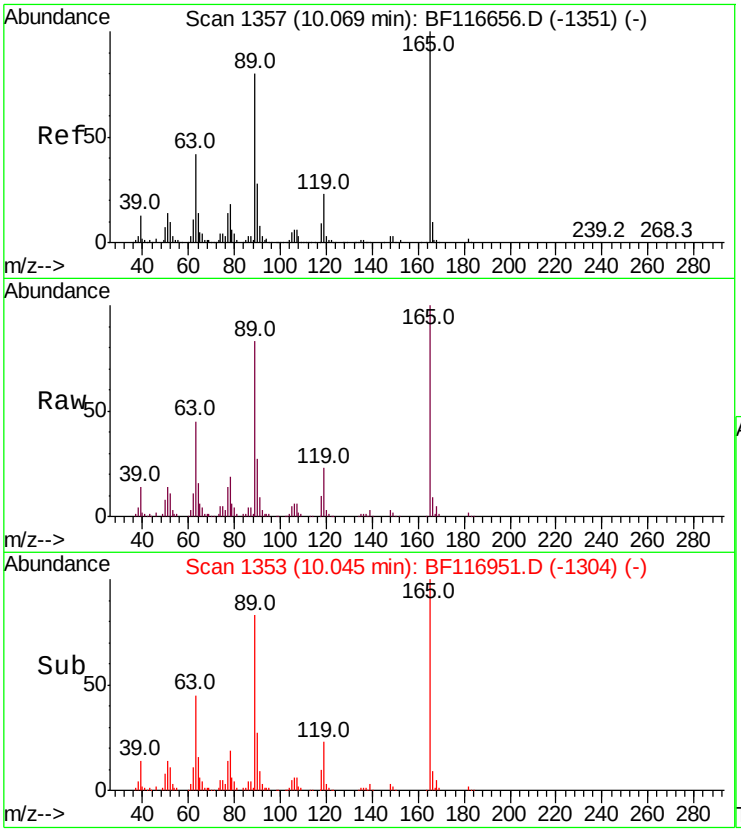


#56
4-Nitrophenol
Concen: 46.912 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:139 Resp: 107560

Ion	Ratio	Lower	Upper
139	100		
109	74.0	61.7	101.7
65	94.0	89.1	129.1



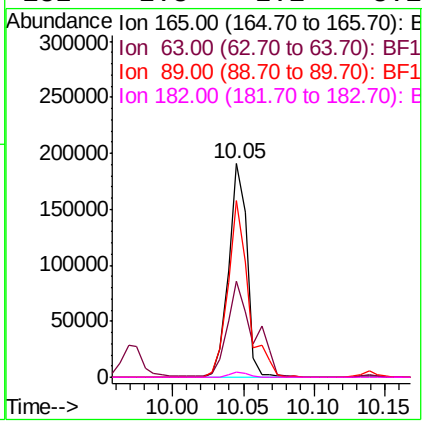


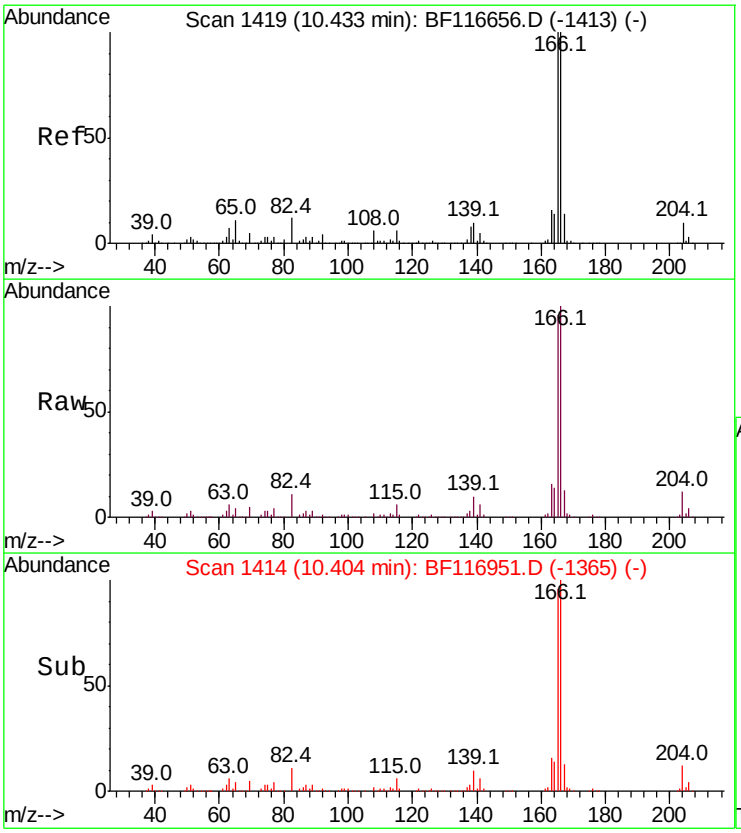
#57
2,4-Dinitrotoluene
Concen: 52.516 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 171341

Ion	Ratio	Lower	Upper
165	100		
63	45.2	36.4	54.6
89	82.6	62.6	94.0
182	2.3	2.1	3.1

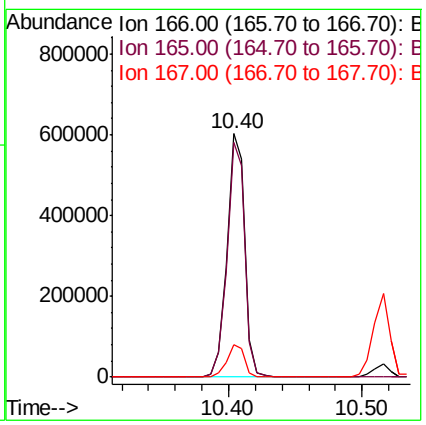


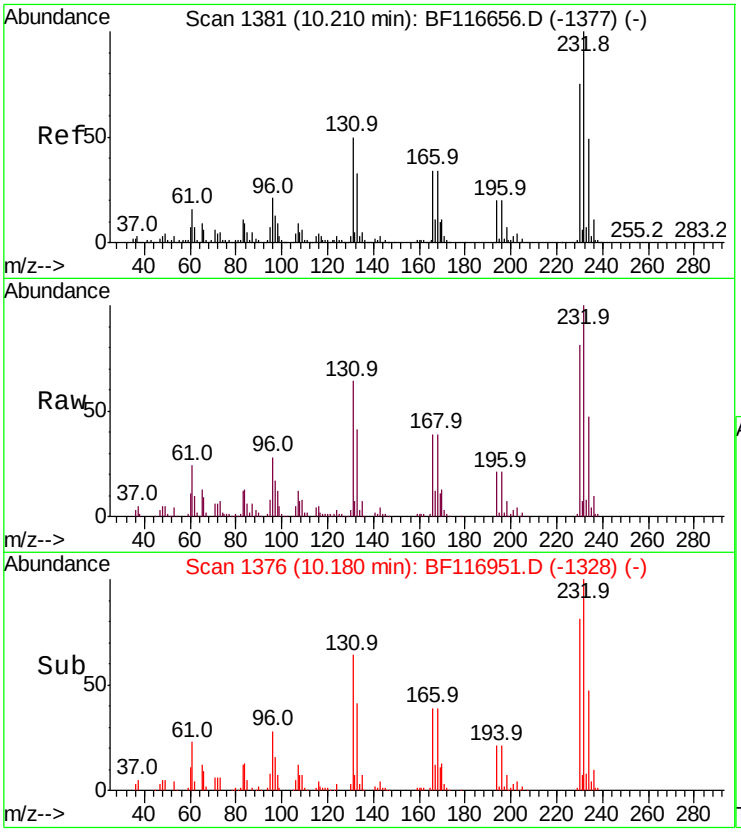


#58
Fluorene
Concen: 46.473 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:166 Resp: 564461

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.8	118.2
167	13.4	10.0	15.0



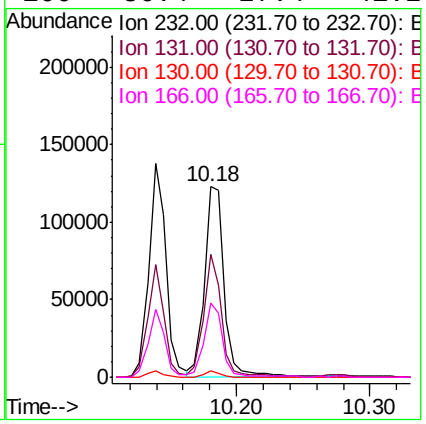


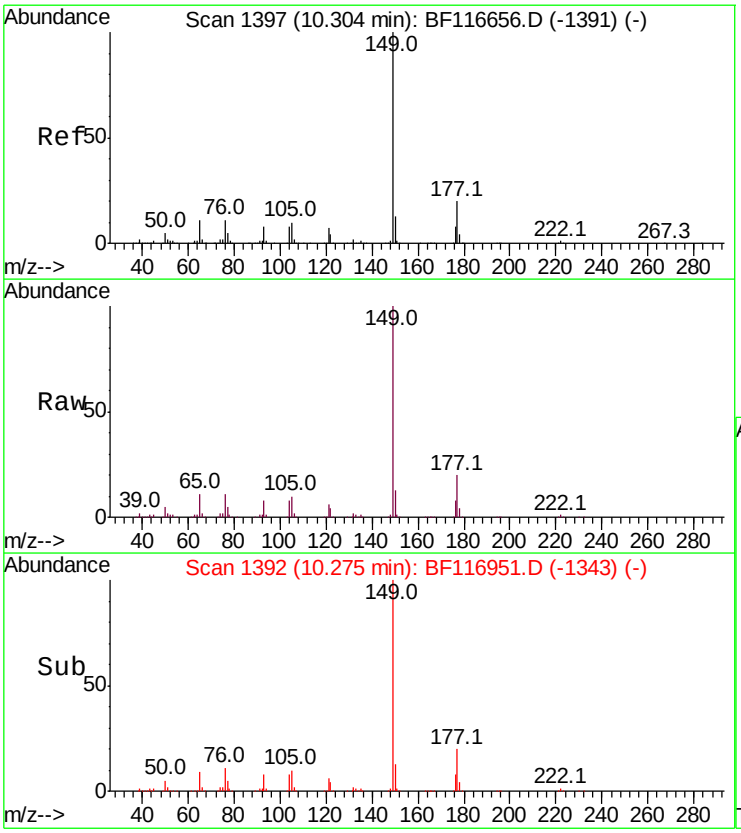
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.805 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 126711

Ion	Ratio	Lower	Upper
232	100		
131	57.6	42.7	64.1
130	2.8	1.9	2.9
166	36.4	27.4	41.2

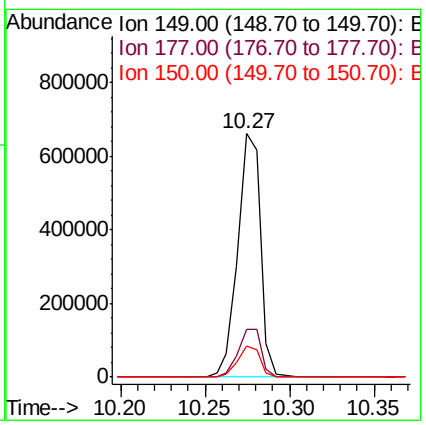


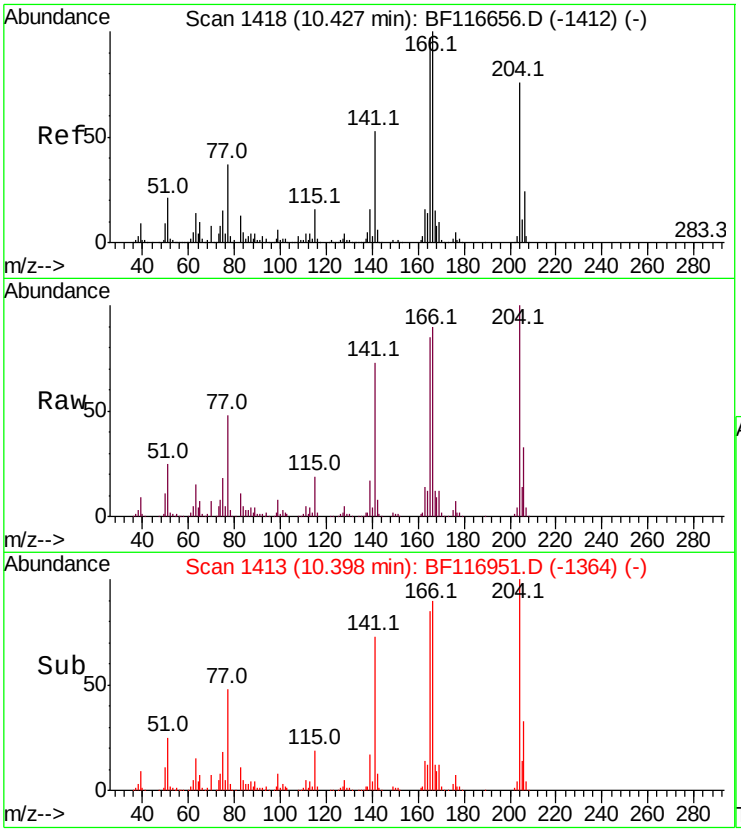


#60
Diethylphthalate
Concen: 44.384 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:149 Resp: 621767

Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.2	25.8
150	12.5	9.7	14.5



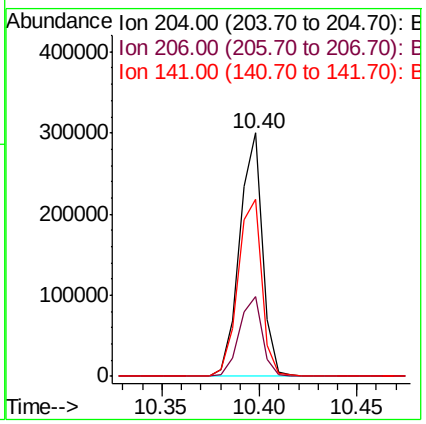


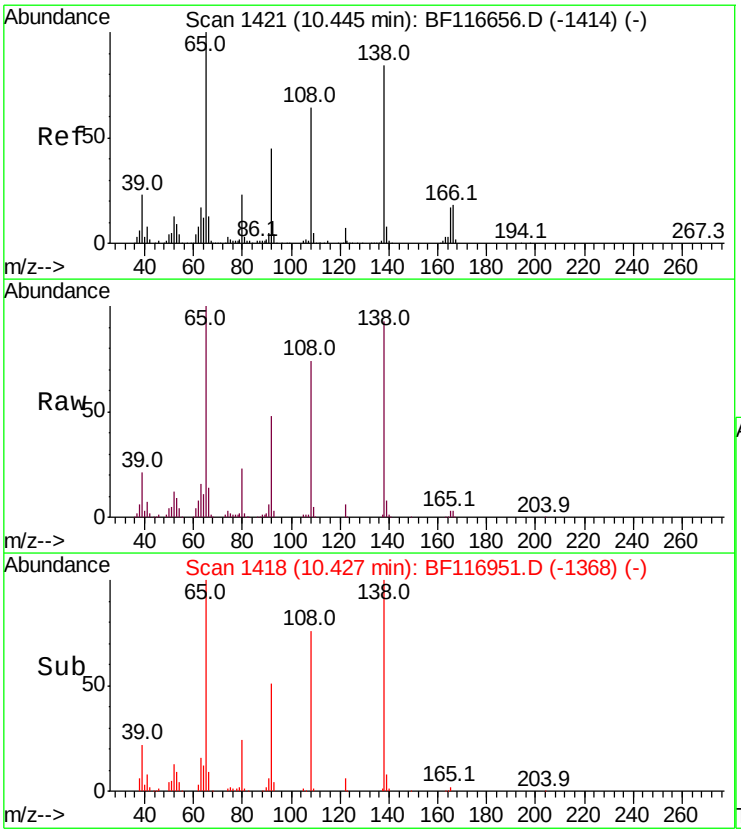
#61
4-Chlorophenyl-phenylether
Concen: 45.677 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 242942

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.2
141	72.5	53.8	80.8

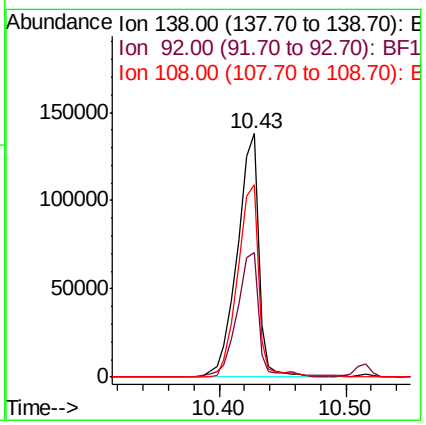


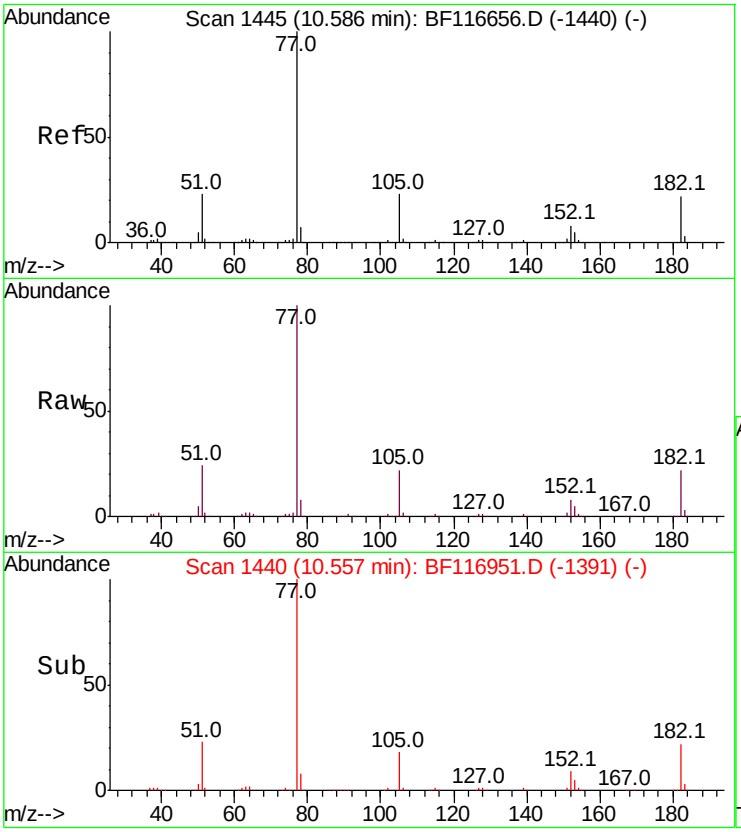


#62
4-Nitroaniline
Concen: 50.001 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:138 Resp: 162258

Ion	Ratio	Lower	Upper
138	100		
92	51.0	28.7	68.7
108	79.1	60.4	100.4



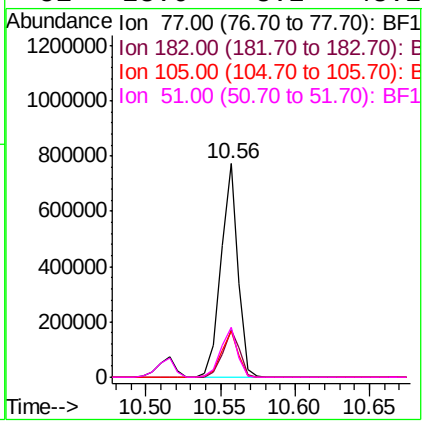


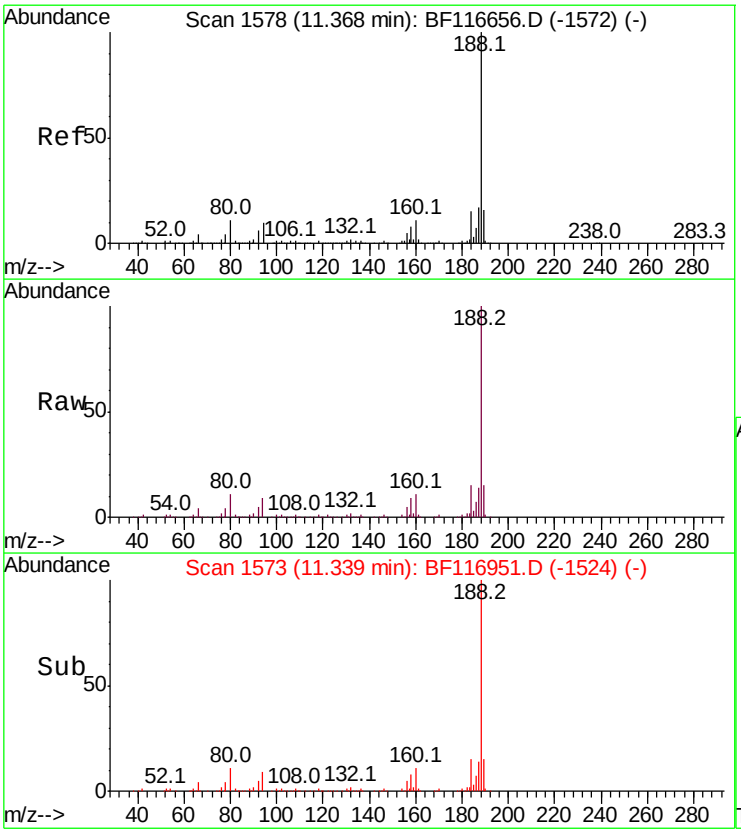
#63
Azobenzene
Concen: 42.540 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 621401

Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.2	41.2
105	21.5	0.6	40.6
51	23.6	8.2	48.2

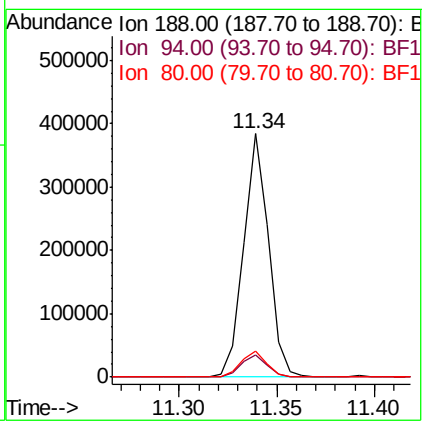


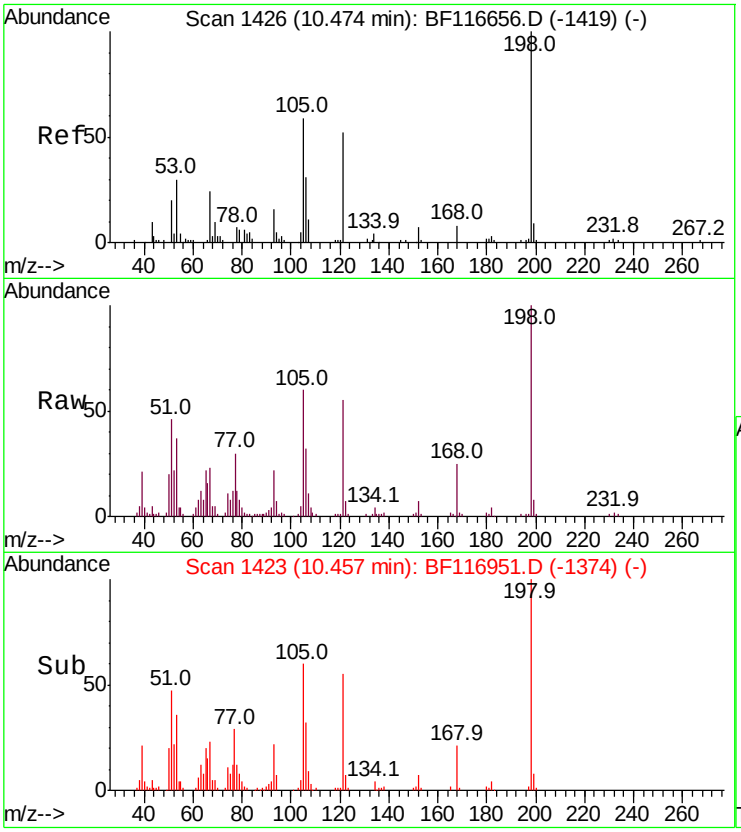


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:188 Resp: 339397

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.3	10.9
80	10.6	8.4	12.6



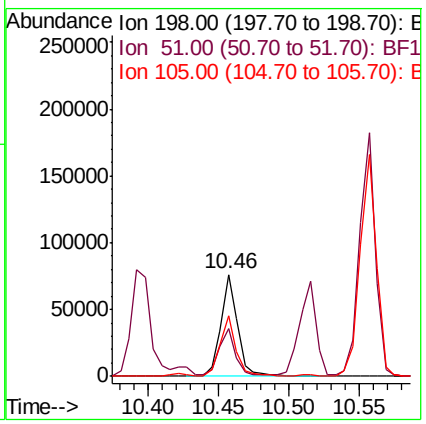


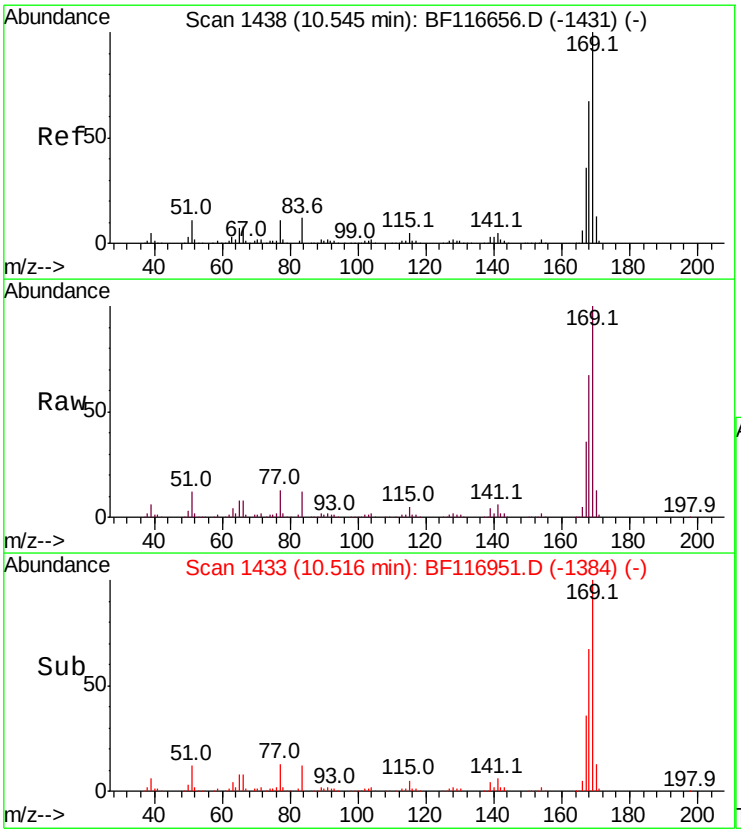
#65
4,6-Dinitro-2-methylphenol
Concen: 50.152 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 63183

Ion	Ratio	Lower	Upper
198	100		
51	46.3	18.4	58.4
105	60.0	22.9	62.9

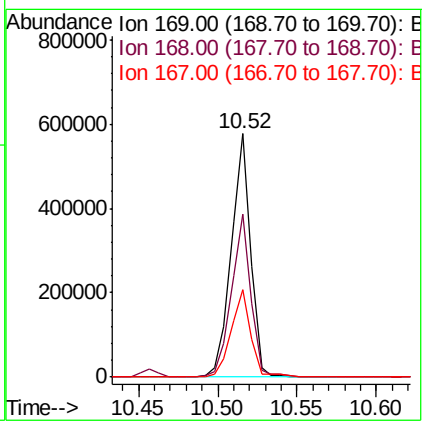


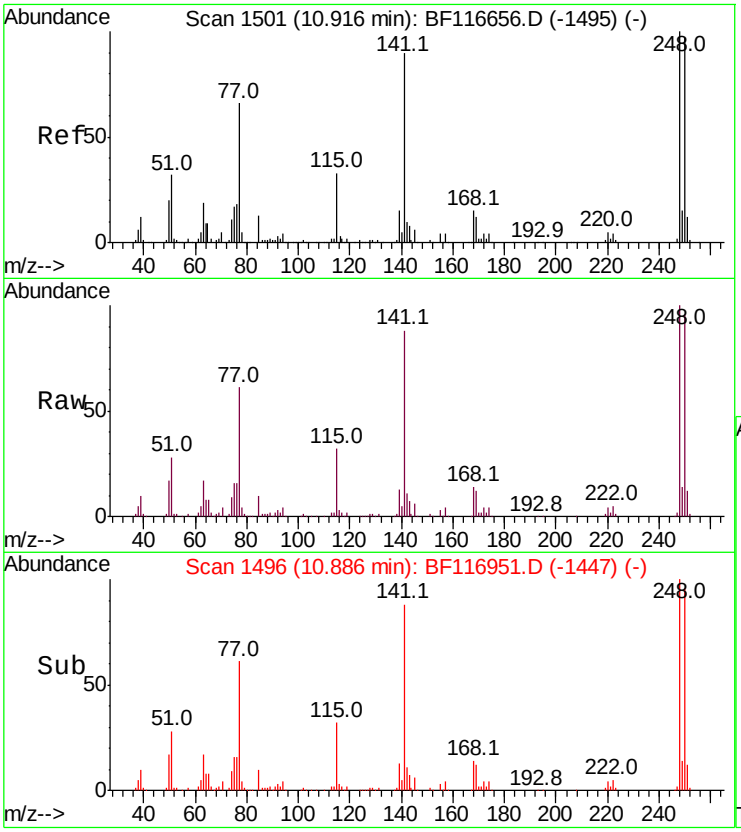


#66
n-Nitrosodiphenylamine
Concen: 41.662 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:169 Resp: 489145

Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.8	83.6
167	35.9	29.4	44.2



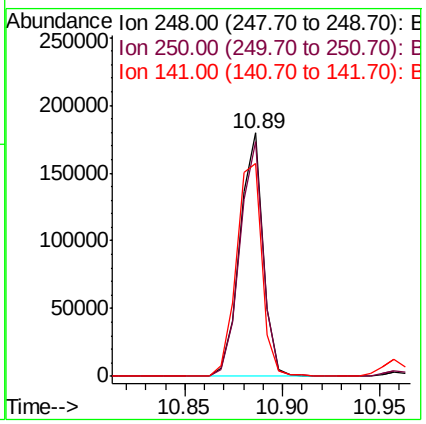


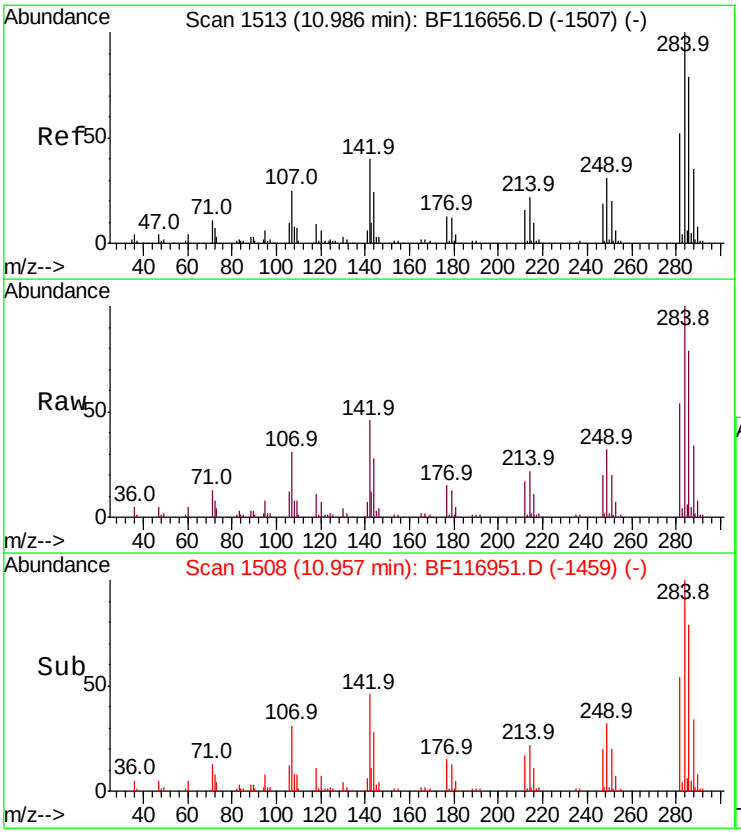
#67
4-Bromophenyl-phenylether
Concen: 42.992 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 148228

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.8
141	87.7	75.9	113.9

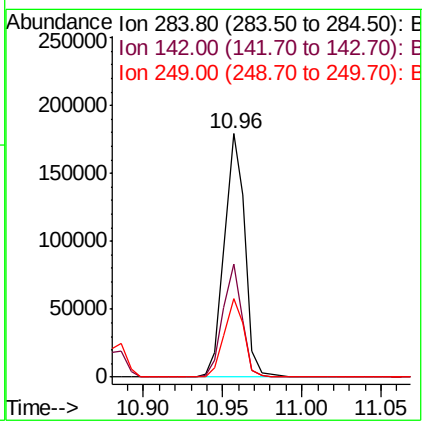


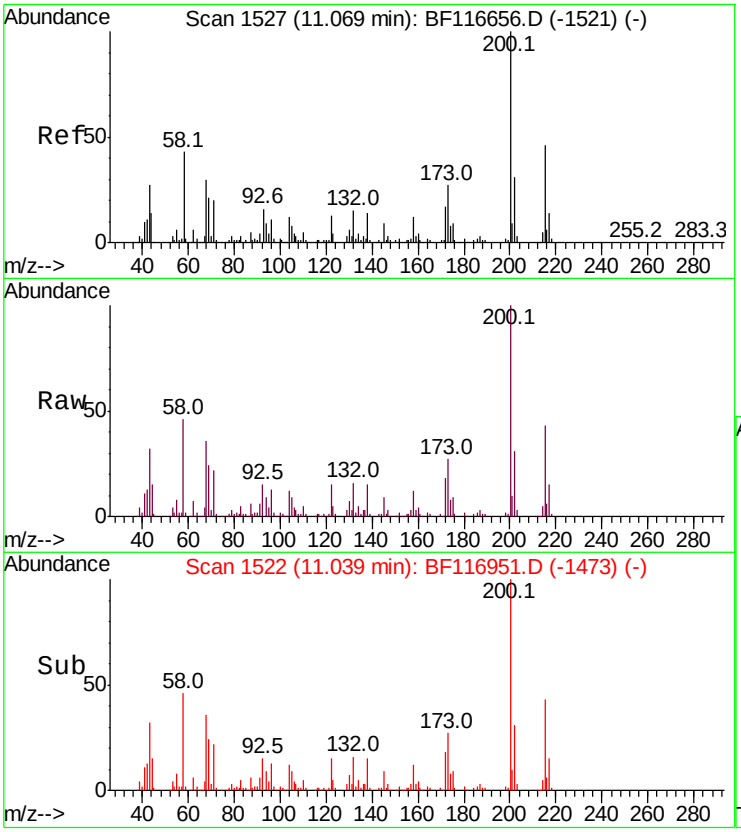


#68
Hexachlorobenzene
Concen: 44.529 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:284 Resp: 160631

Ion	Ratio	Lower	Upper
284	100		
142	46.5	34.0	51.0
249	32.4	26.4	39.6



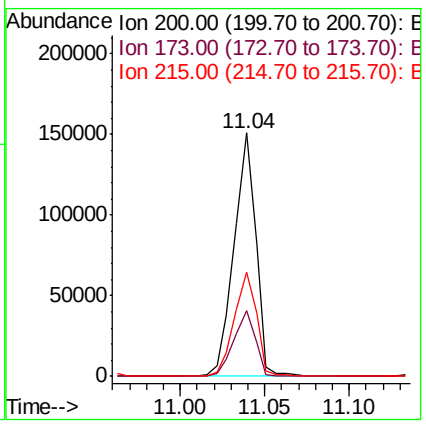


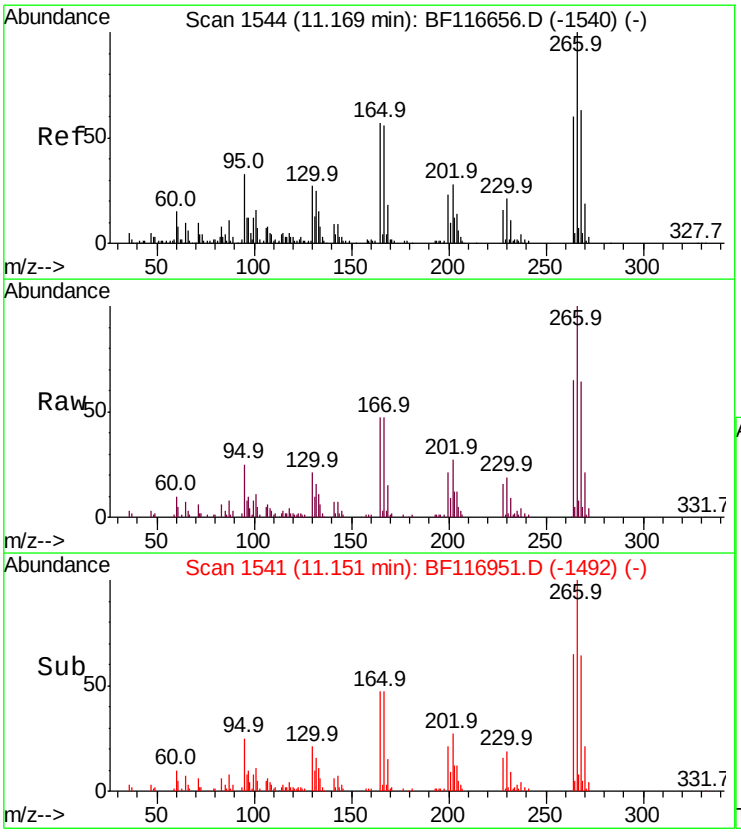
#69
Atrazine
Concen: 41.248 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 135635

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.2	46.2
215	42.9	24.3	64.3

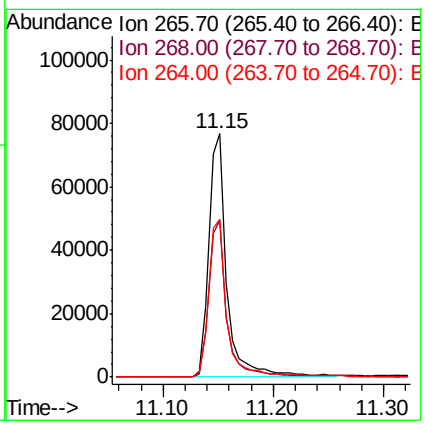


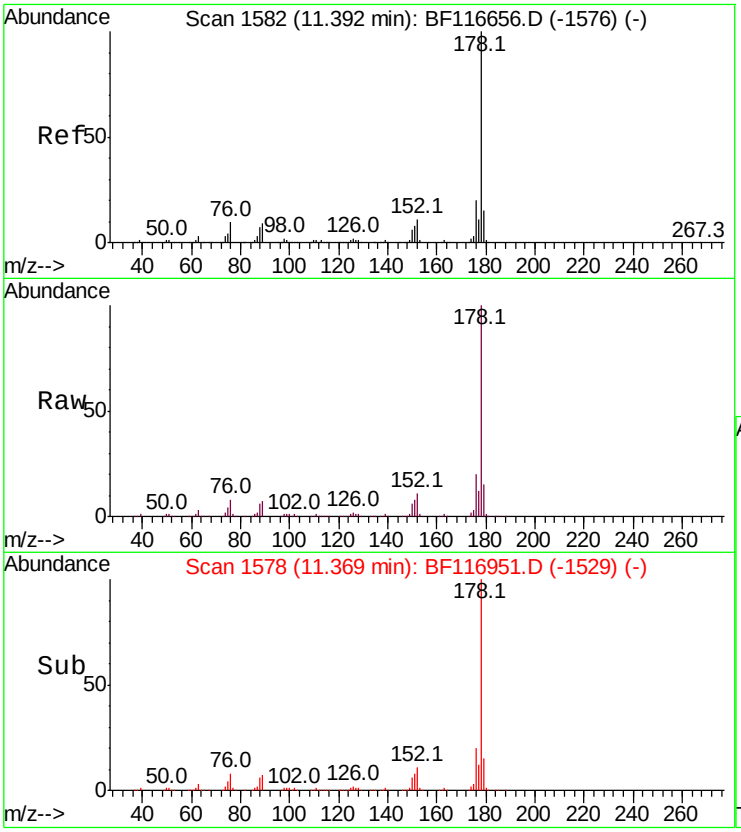


#70
Pentachlorophenol
Concen: 48.758 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:266 Resp: 85084

Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.2	76.8
264	65.1	51.9	77.9



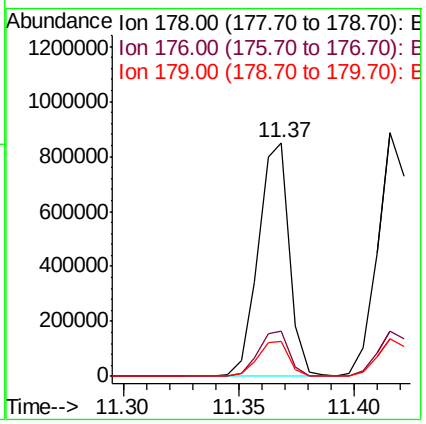


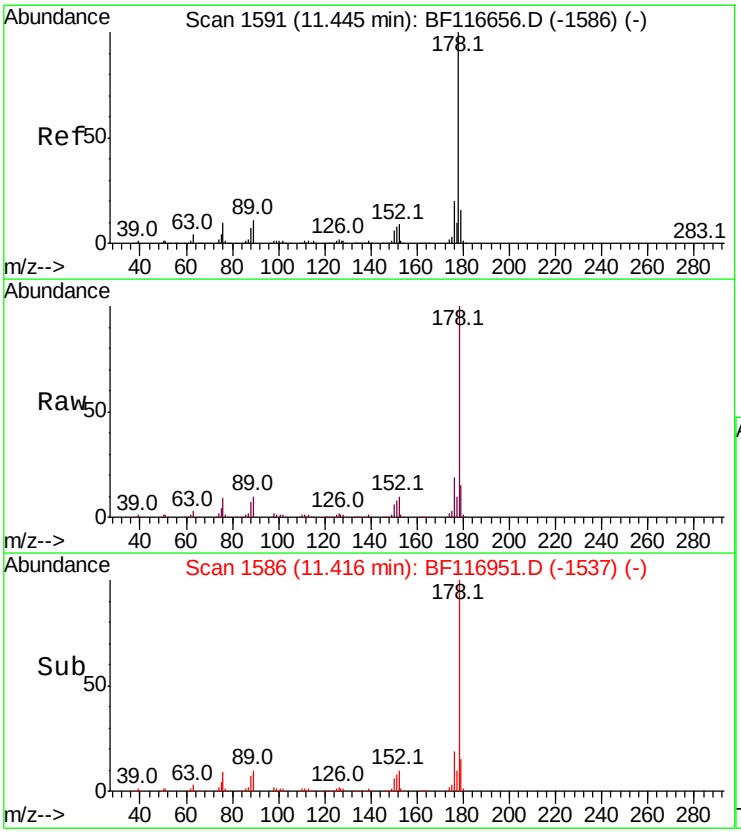
#71
Phenanthrene
Concen: 42.176 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 796833

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.0	12.2	18.2

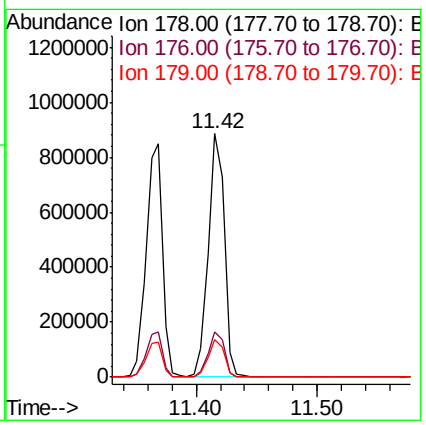


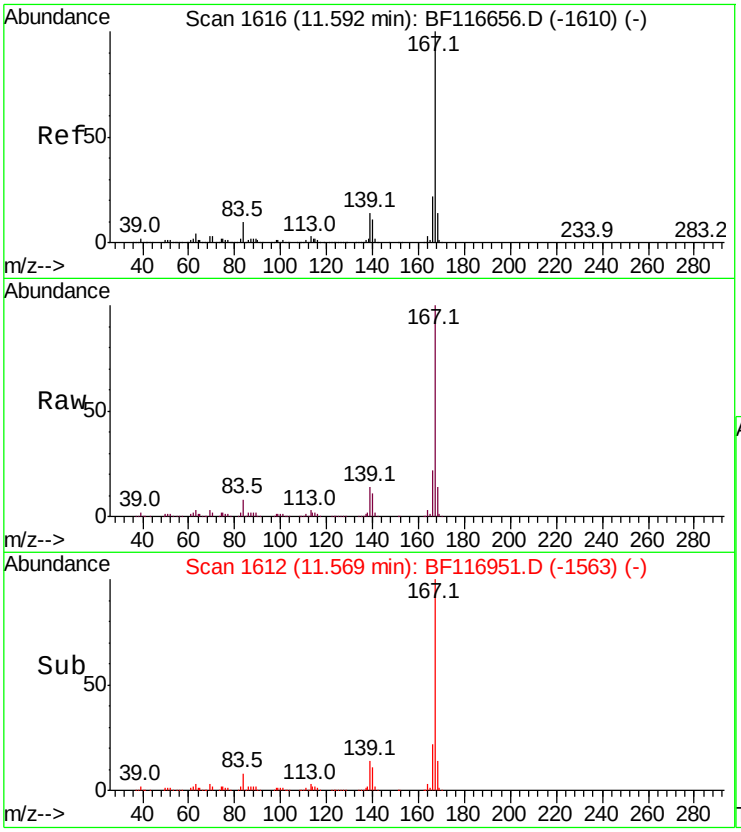


#72
Anthracene
Concen: 42.634 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:178 Resp: 810836

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.5	18.7



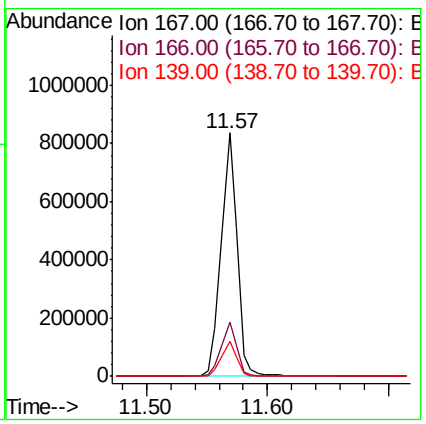


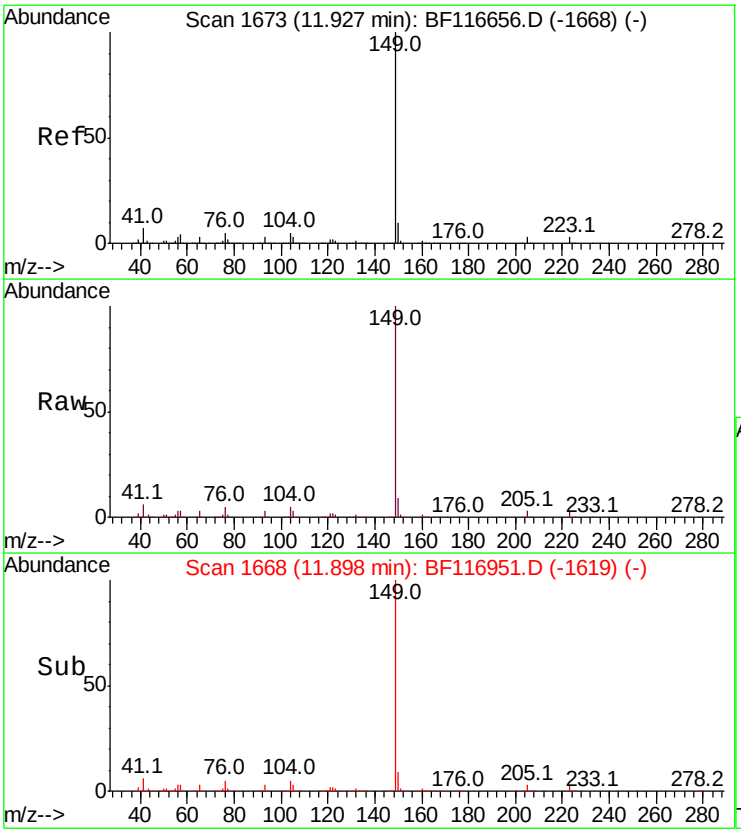
#73
Carbazole
Concen: 42.376 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 767698

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.3	11.1	16.7

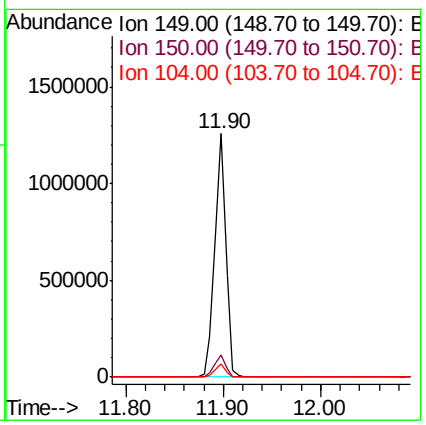


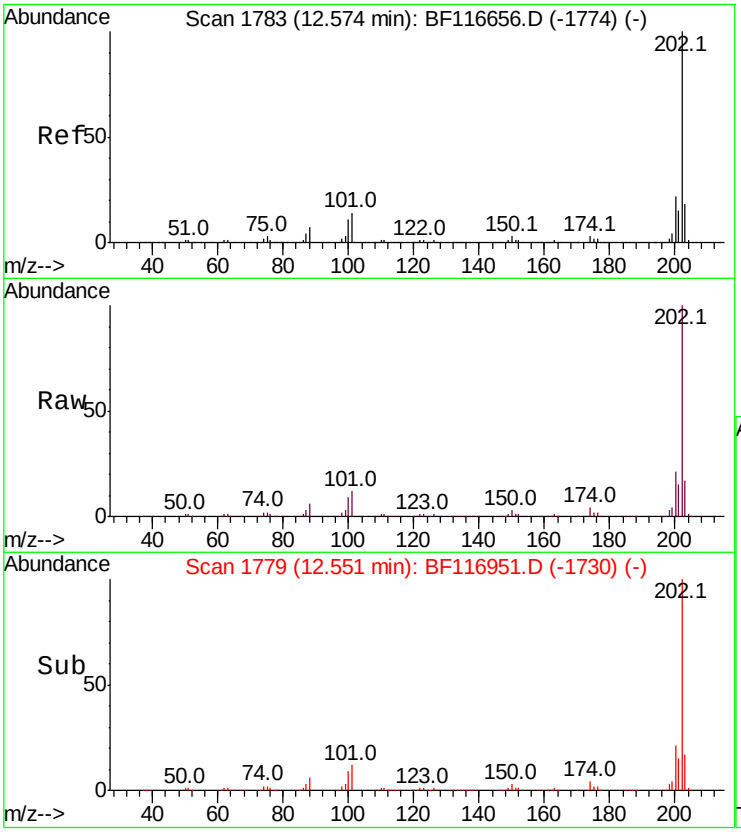


#74
Di-n-butylphthalate
Concen: 43.129 ng
RT: 11.90 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:149 Resp: 1001646

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.2	6.2



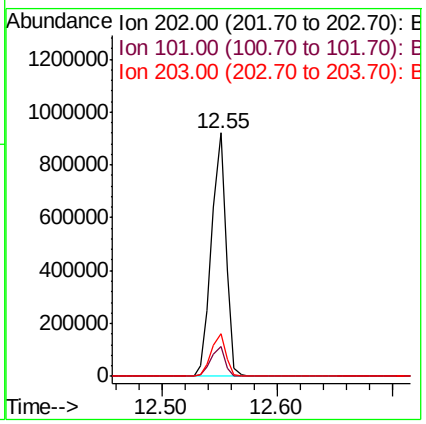


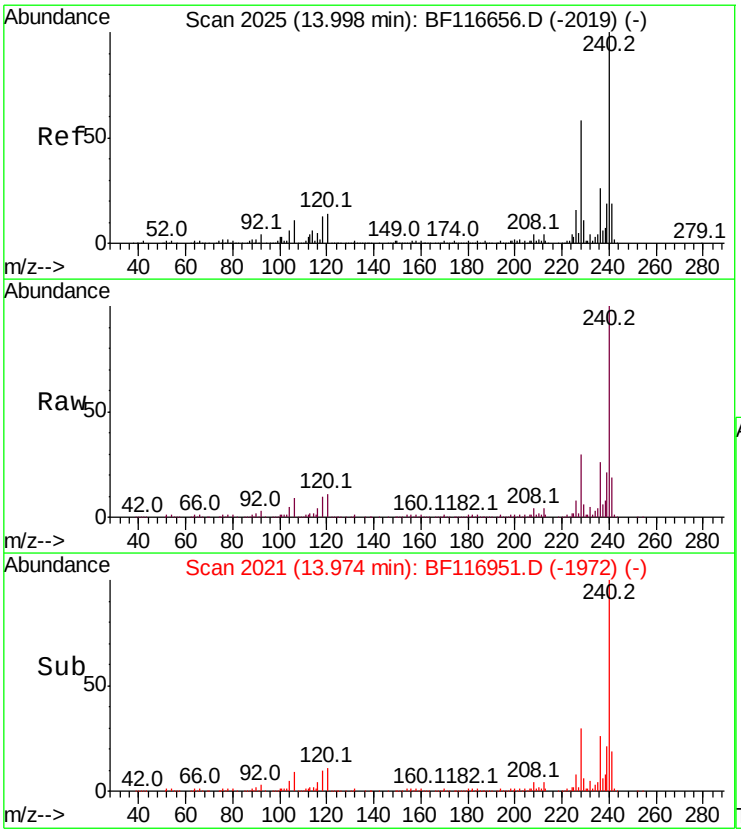
#75
Fluoranthene
Concen: 43.827 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 813748

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.5	0.0	37.6

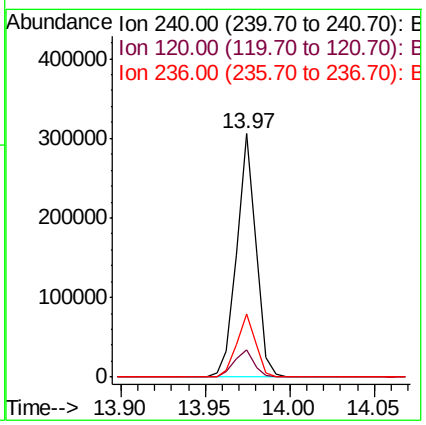


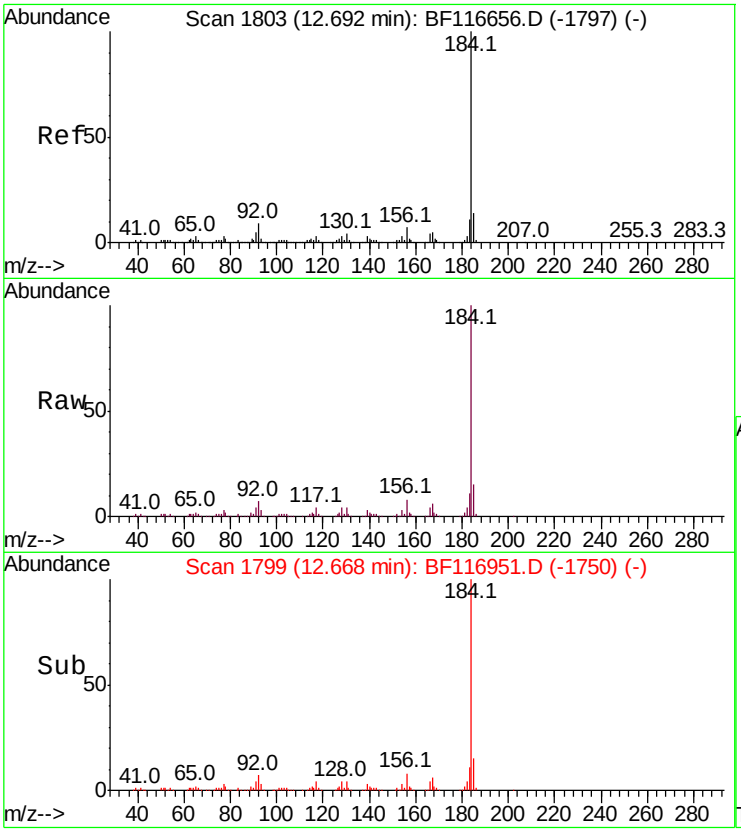


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:240 Resp: 240503

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.1	21.1	31.7



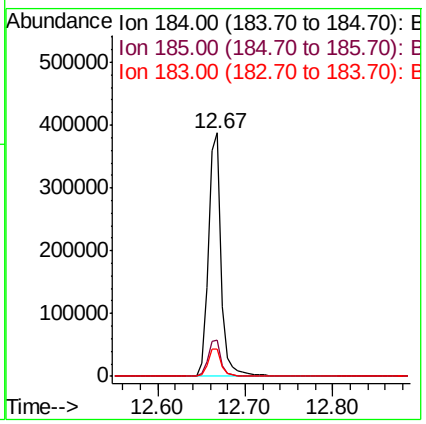


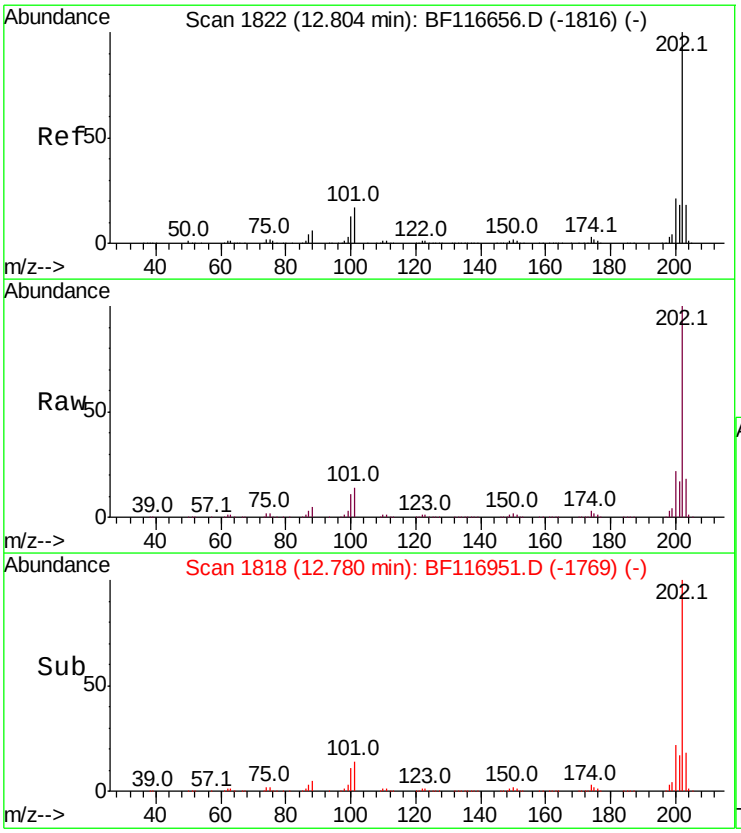
#77
Benzidine
Concen: 41.377 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 390318

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.3	16.9
183	11.5	9.2	13.8

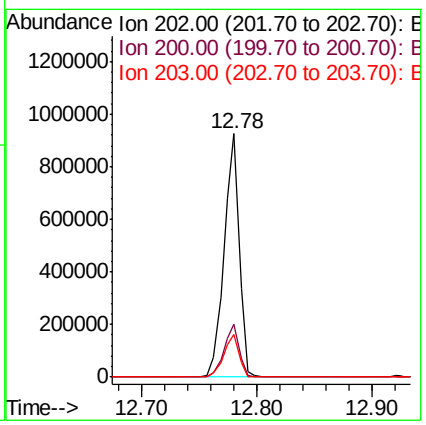


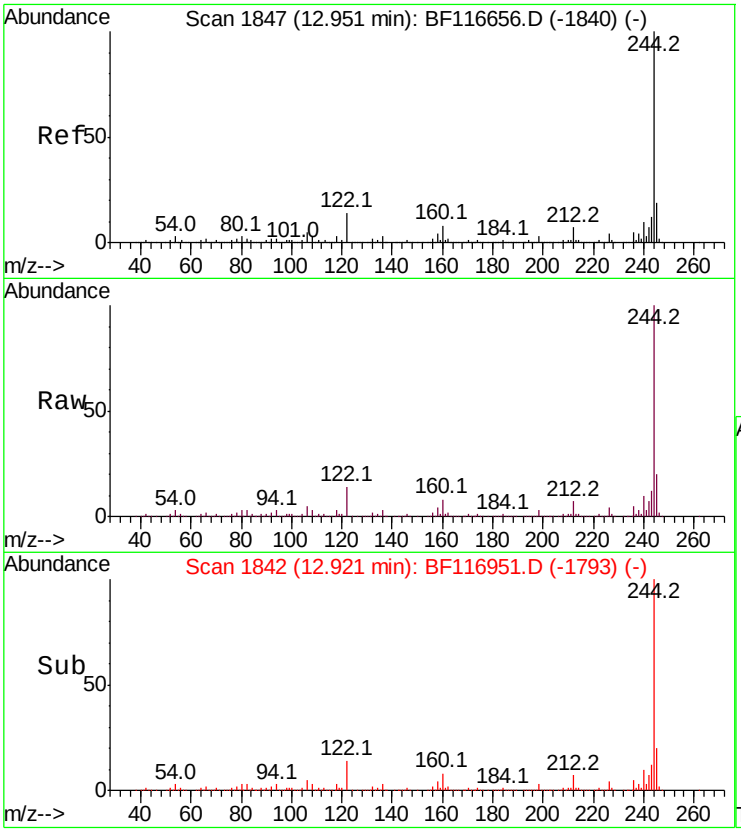


#78
Pyrene
Concen: 39.015 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:202 Resp: 834113

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.7	13.7	20.5



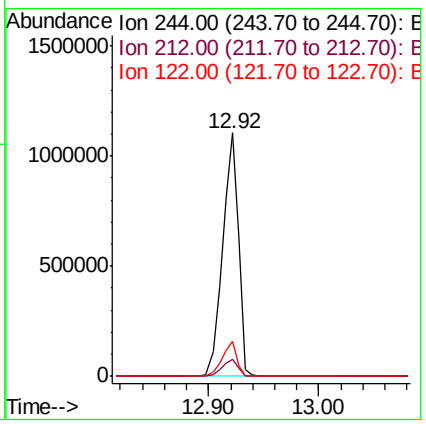


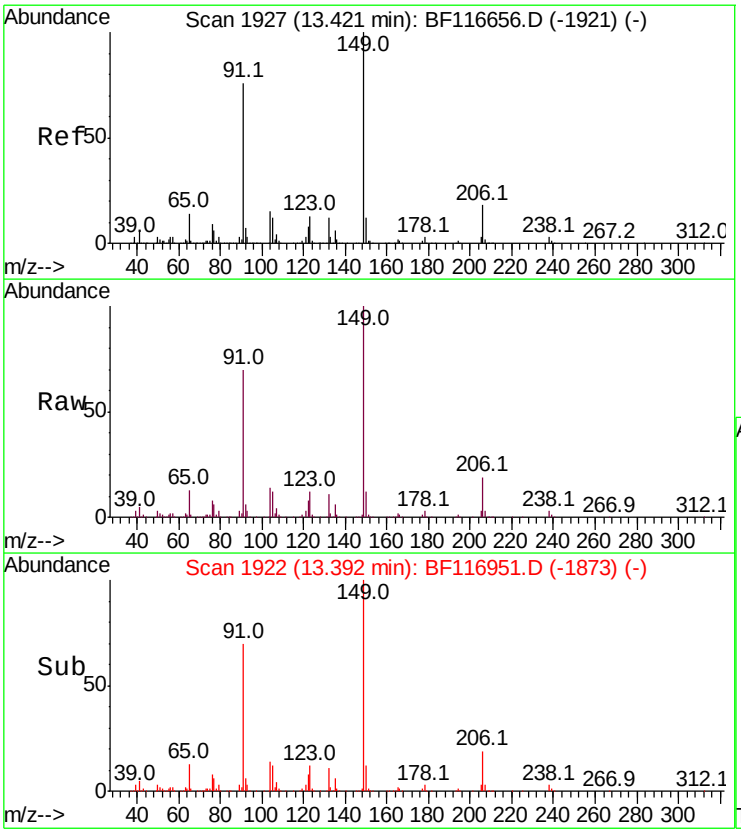
#79
Terphenyl-d14
Concen: 84.642 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1100392

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	14.4	10.2	15.4

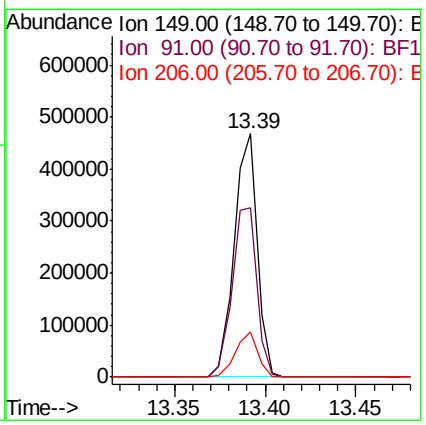


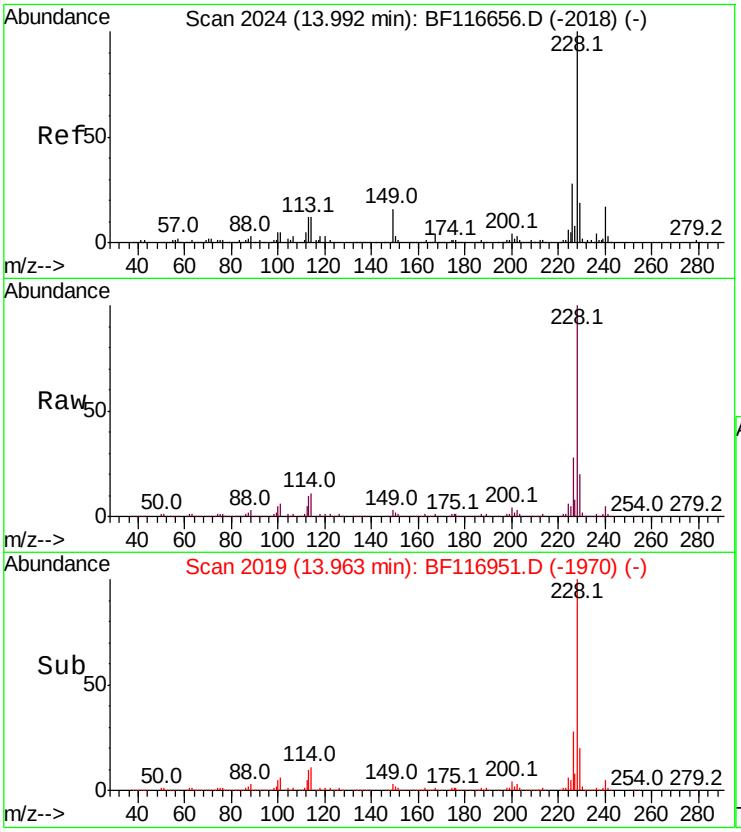


#80
Butylbenzylphthalate
Concen: 39.936 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:149 Resp: 415201

Ion	Ratio	Lower	Upper
149	100		
91	69.8	61.0	91.4
206	18.8	14.8	22.2



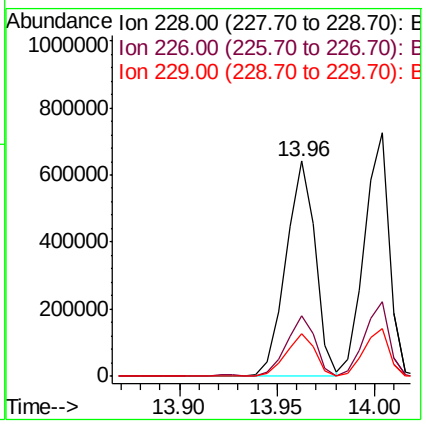


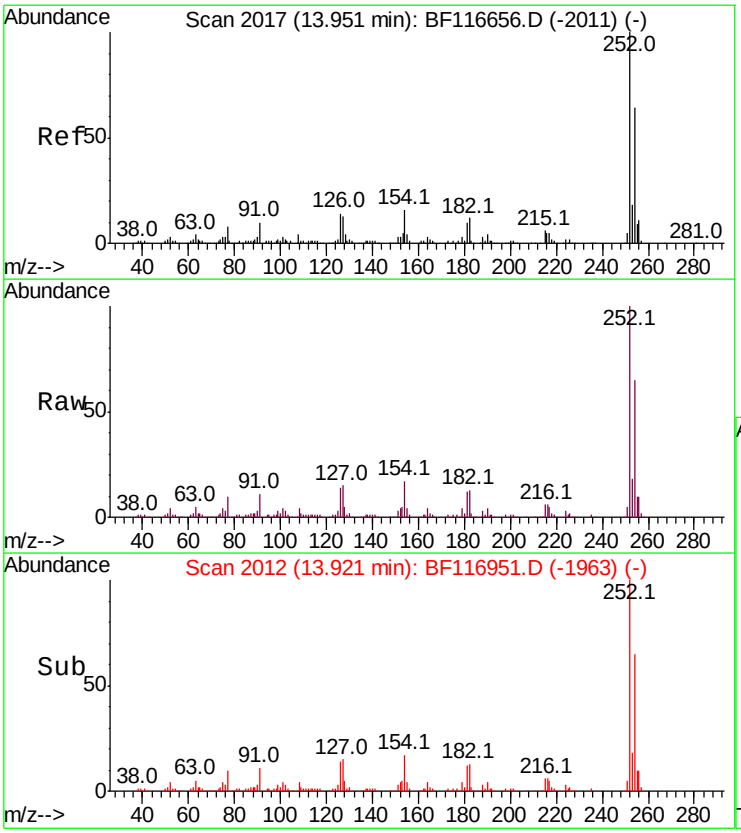
#81
Benzo(a)anthracene
Concen: 43.845 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 667378

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.8	16.4	24.6

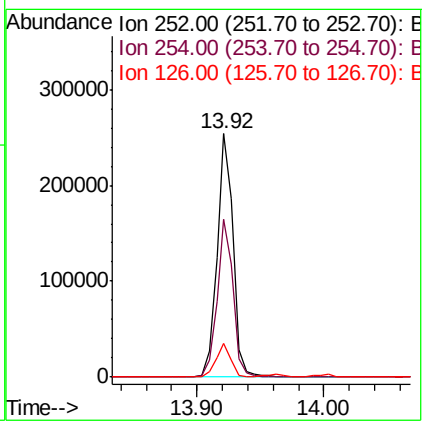


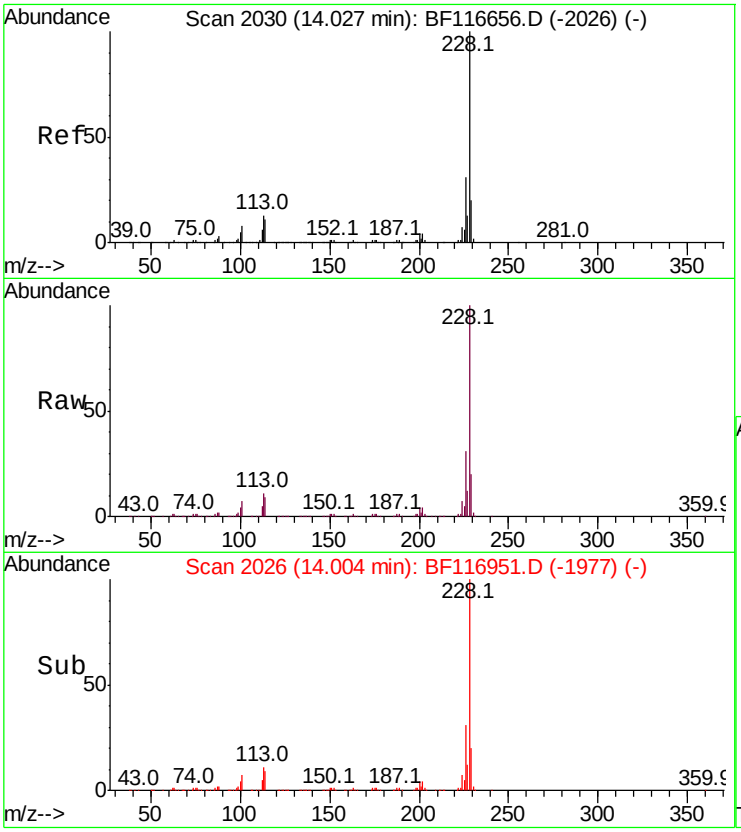


#82
3,3'-Dichlorobenzidine
Concen: 43.639 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:252 Resp: 224476

Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.1	75.1
126	13.6	10.6	16.0



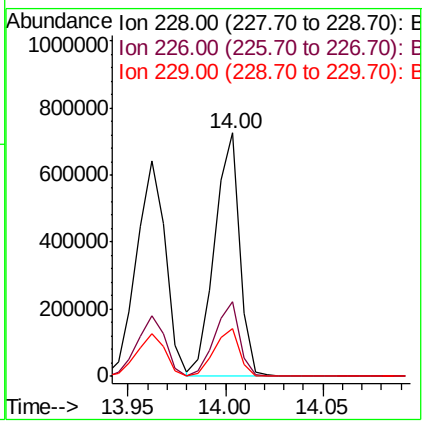


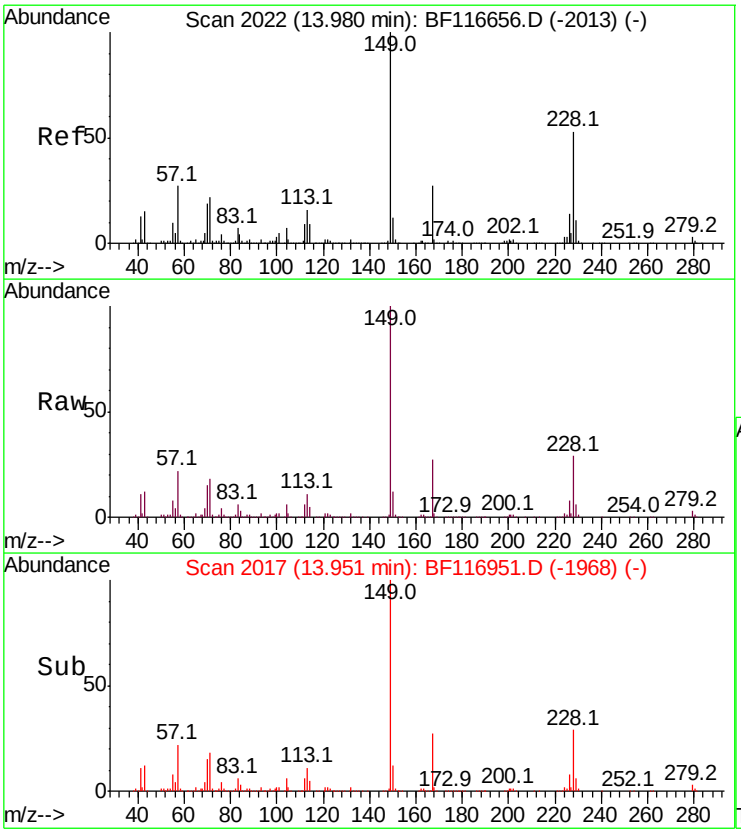
#83
Chrysene
Concen: 40.987 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 642751

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.6	15.4	23.0

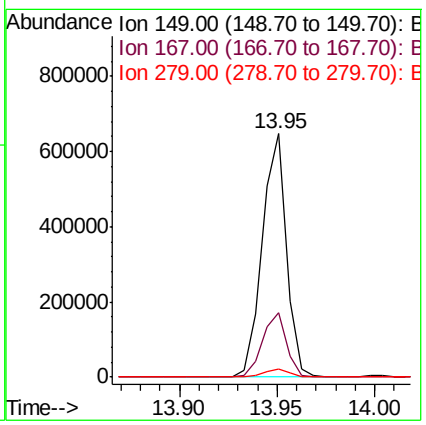


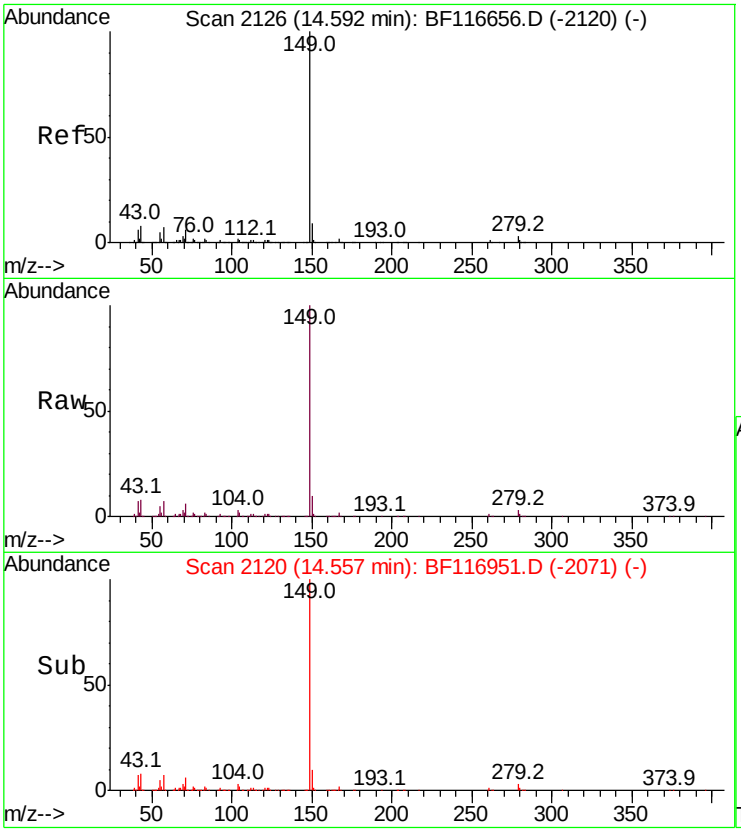


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.185 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:149 Resp: 554228

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	3.2	2.8	4.2



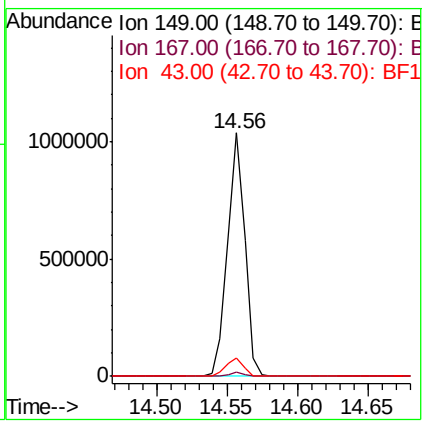


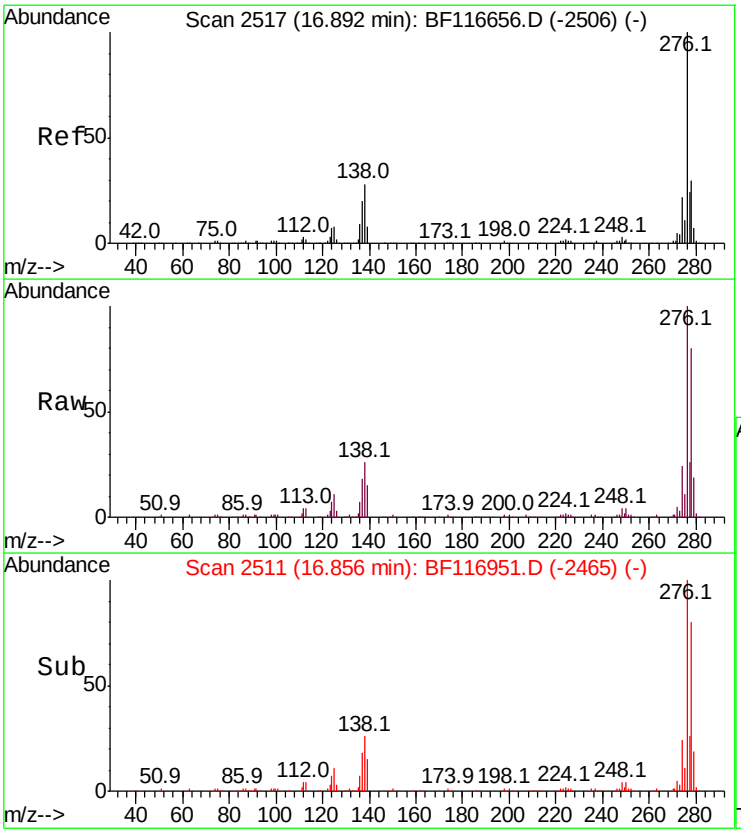
#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 885447

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.8	7.8	11.8#

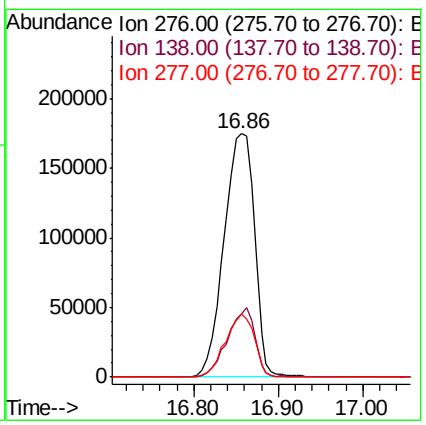


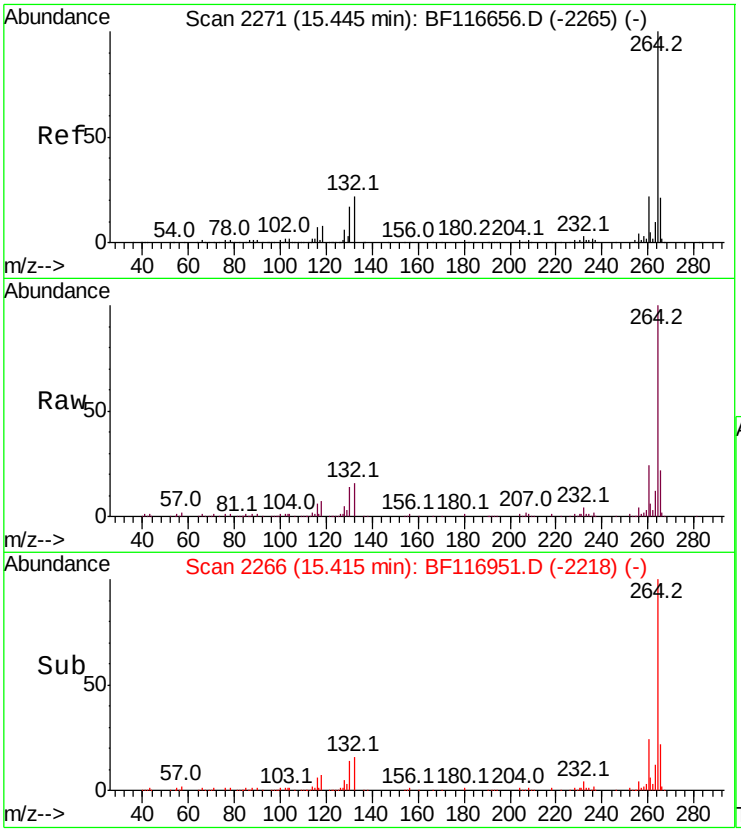


#86
Indeno(1,2,3-cd)pyrene
Concen: 34.549 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:276 Resp: 435180

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.4	29.2
277	24.9	20.5	30.7



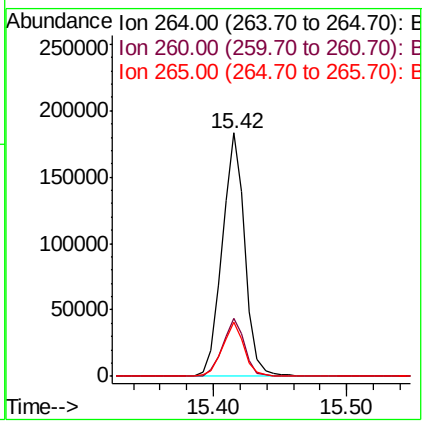


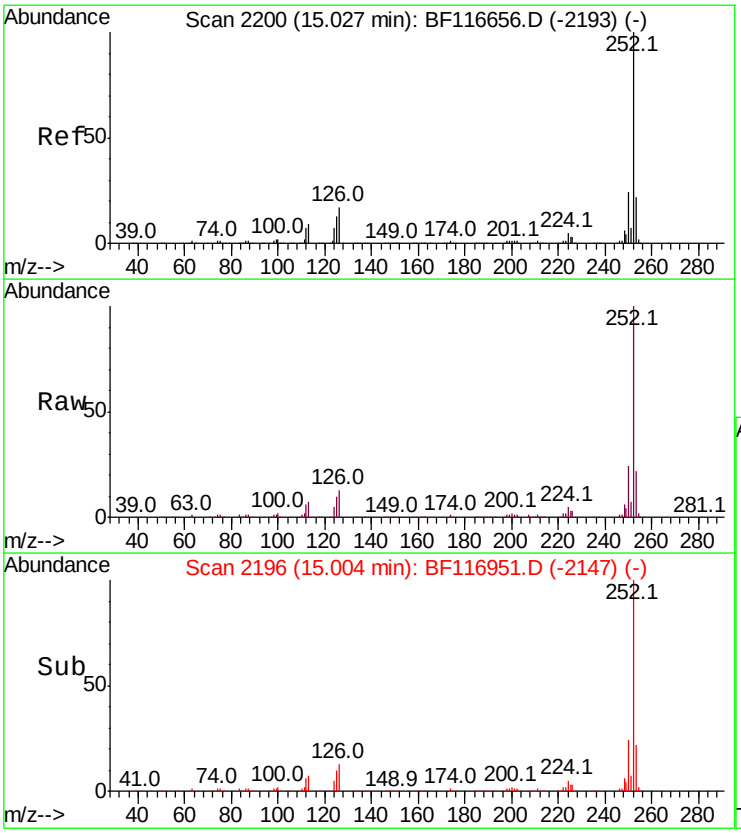
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 218355

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.4	16.5	24.7

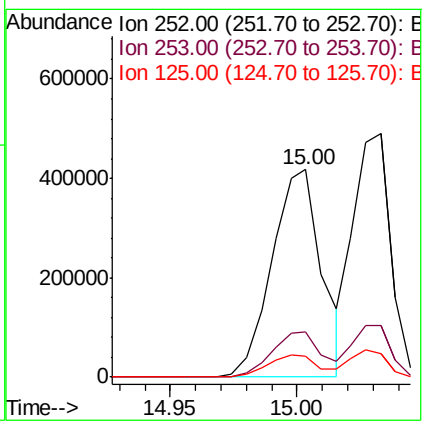


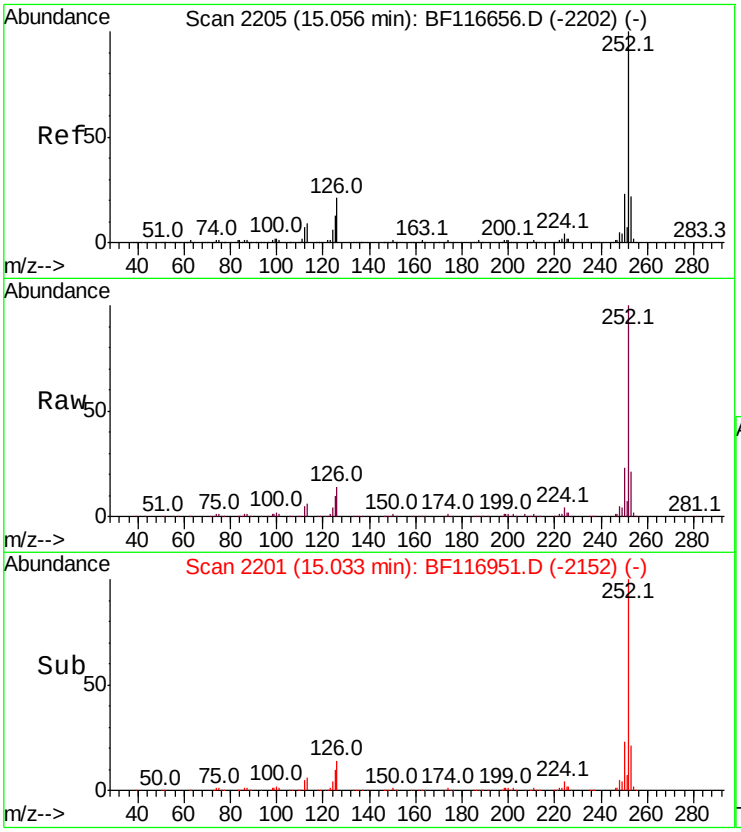


#88
Benzo(b)fluoranthene
Concen: 43.342 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:252 Resp: 572179

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.4	8.2	12.2



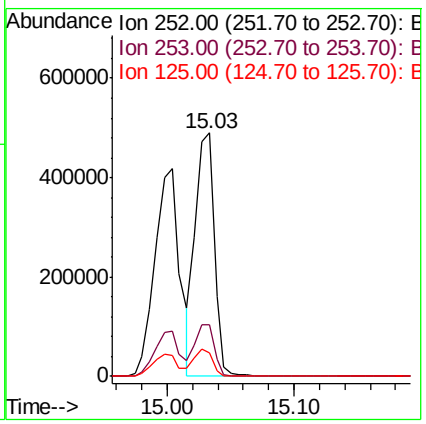


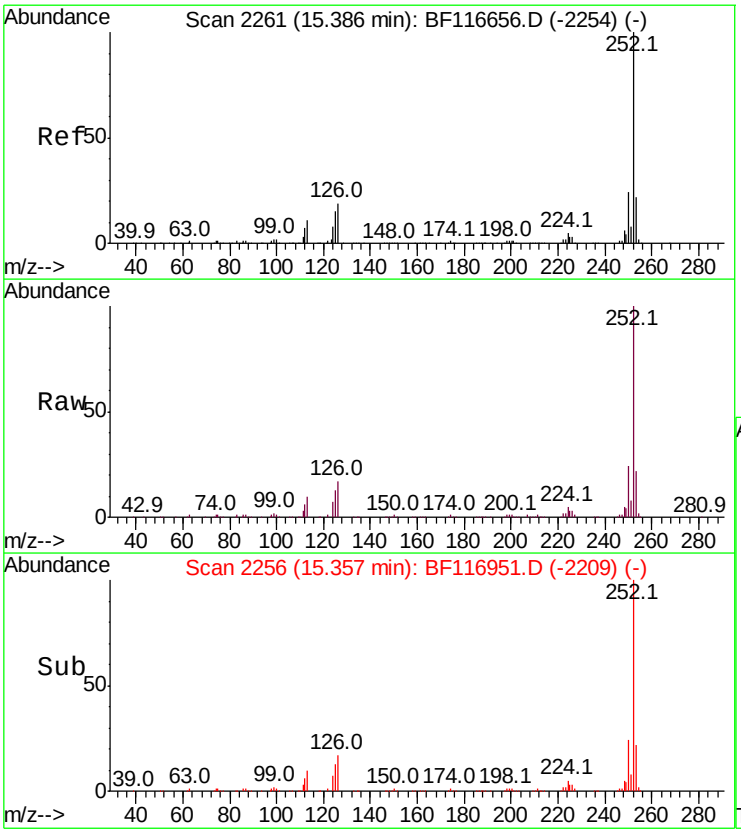
#89
Benzo(k)fluoranthene
Concen: 42.138 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 507198

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	9.5	8.6	13.0

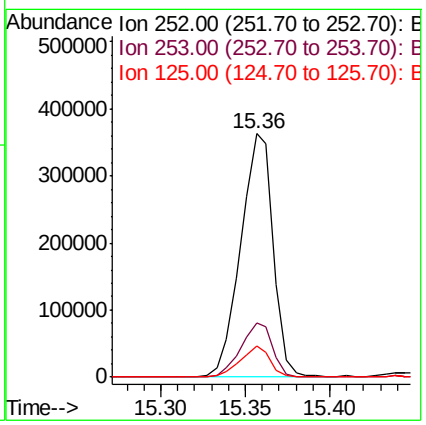


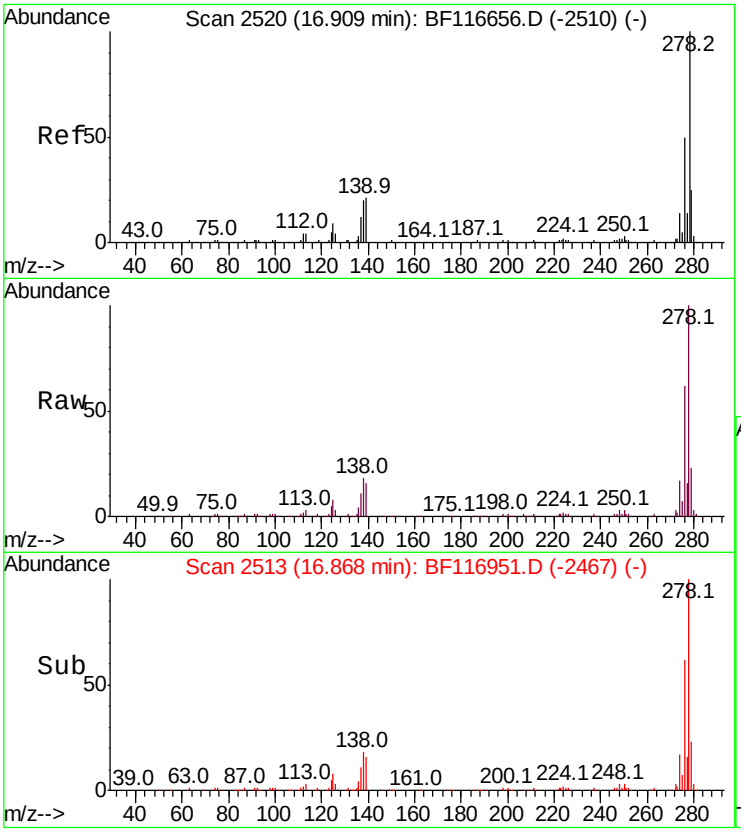


#90
Benzo(a)pyrene
Concen: 42.358 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:252 Resp: 486499

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.7	9.8	14.8



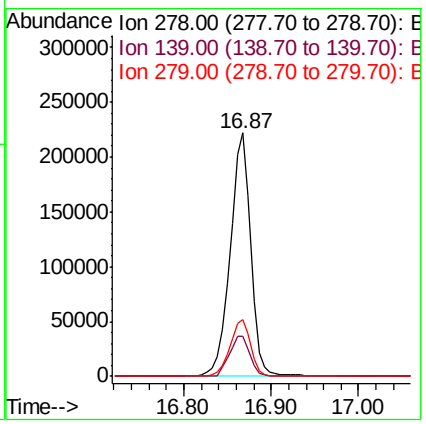


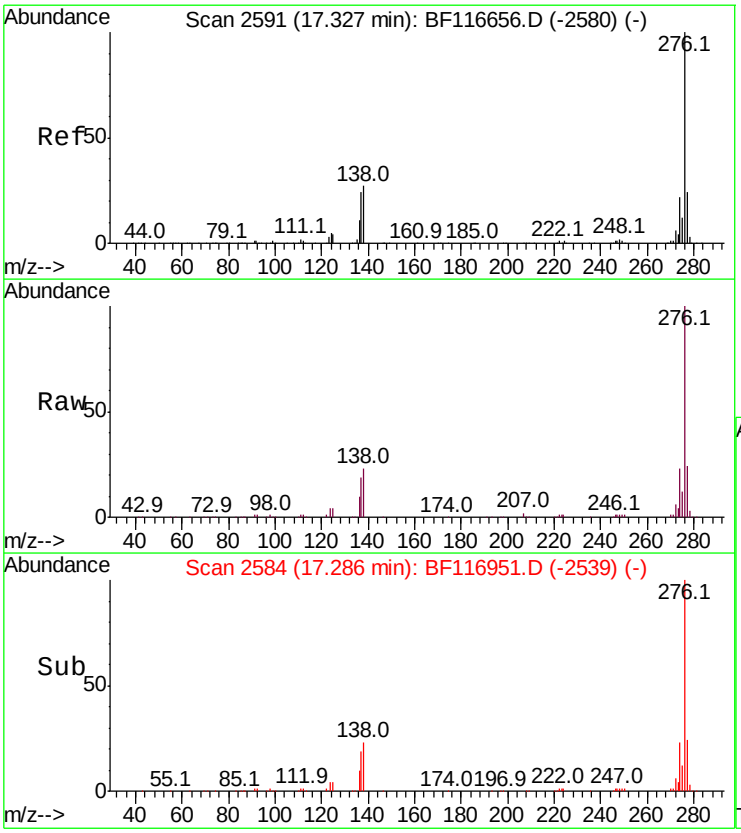
#91
Dibenzo(a,h)anthracene
Concen: 35.177 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.03 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Instrument :
BNA_F
ClientSampleId :

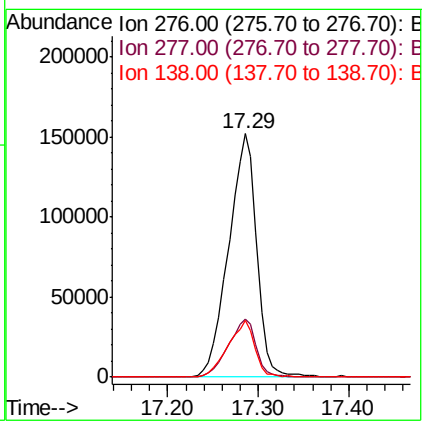
Tgt Ion:278 Resp: 353647

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.4	18.6
279	23.2	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 31.987 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.04 min
Lab File: BF116951.D
Acq: 11 Sep 2019 17:28

Tgt Ion:276 Resp: 327965

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	23.4	16.2	24.2