Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097612.D
Acq On : 12 Aug 2017 00:35
Operator : SJ/JU
Sample : I4631-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-1-2

Quant Time: Aug 12 01:22:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	82802	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	343023	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	107392	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	122668	20.00	ng		0.01
75) Chrysene-d12	18.47	240	180051	20.00	ng		0.01
86) Perylene-d12	20.14	264	149575	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	326498	62.68	ng		0.02
7) Phenol-d6	7.07	99	252969	39.15	ng		0.02
23) Nitrobenzene-d5	8.42	82	467329	85.43	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	85096	104.24	ng		0.01
44) 2-Fluorobiphenyl	11.32	172	708790	99.61	ng		0.00
78) Terphenyl-d14	17.13	244	474522	54.55	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	294	0.13	ng	#	31
4) n-Nitrosodimethylamine	2.39	42	106	0.03	ng	#	1
6) Aniline	7.16	93	612	0.07	ng	#	1
10) Phenol	7.12	94	29180	4.12	ng		92
11) bis(2-Chloroethyl)ether	7.16	93	612	0.11	ng	#	1
15) Benzyl Alcohol	7.75	79	7327	1.64	ng	#	38
16) 2,2'-oxybis(1-Chloropropan	8.00	45	963	0.08	ng		70
19) n-Nitroso-di-n-propylamine	8.42	70	63301	14.08	ng	#	87
20) 3+4-Methylphenols	8.34	107	31840	5.62	ng	#	62
22) Acetophenone	8.25	105	166	0.02	ng	#	46
24) Nitrobenzene	8.42	77	3340	0.56	ng	#	42
25) Isophorone	8.85	82	557	0.06	ng	#	38
26) 2-Nitrophenol	8.83	139	416	0.14	ng	#	15
27) 2,4-Dimethylphenol	9.20	122	1626	0.32	ng	#	73
28) bis(2-Chloroethoxy)methane	9.23	93	363	0.05	ng	#	1
31) Naphthalene	9.57	128	396	0.02	ng	#	68
32) Benzoic acid	9.45	122	829	0.31	ng	#	73
33) 4-Chloroaniline	9.73	127	1789	0.25	ng	#	44
35) Caprolactam	10.33	113	393	0.28	ng	#	1
36) 4-Chloro-3-methylphenol	10.59	107	586	0.12	ng	#	14
37) 2-Methylnaphthalene	10.86	142	367	0.03	ng	#	1
45) 1,1'-Biphenyl	11.50	154	3325	0.36	ng		82
46) 2-Chloronaphthalene	11.49	162	141	0.02	ng	#	1
47) 2-Nitroaniline	11.72	65	1198	0.43	ng	#	57
48) Acenaphthylene	12.15	152	1426	0.13	ng	#	1
49) Dimethylphthalate	12.02	163	39664	4.79	ng	#	92
50) 2,6-Dinitrotoluene	12.14	165	2131	1.25	ng	#	75
51) Acenaphthene	12.42	154	2255	0.33	ng	#	69
52) 3-Nitroaniline	12.40	138	11804	5.27	ng	#	4
53) 2,4-Dinitrophenol	12.50	184	113	0.16	ng	#	1
54) Dibenzofuran	12.72	168	1667	0.18	ng	#	1
55) 4-Nitrophenol	12.80	139	5089	5.97	ng	#	1
56) 2,4-Dinitrotoluene	12.79	165	484	0.21	ng	#	64
57) Fluorene	13.26	166	3204	0.41	ng	#	40

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097612.D
Acq On : 12 Aug 2017 00:35
Operator : SJ/JU
Sample : I4631-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-1-2

Quant Time: Aug 12 01:22:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	13.19	149	2787	0.36	ng	#	1
60) 4-Chlorophenyl-phenylether	13.29	204	1918	0.58	ng	#	1
61) 4-Nitroaniline	13.32	138	491	0.23	ng	#	1
62) Azobenzene	13.42	77	626	0.08	ng		74
64) 4,6-Dinitro-2-methylphenol	13.61	198	128	0.17	ng	#	1
65) n-Nitrosodiphenylamine	13.48	169	2898	0.64	ng	#	35
68) Atrazine	14.40	200	1109	0.98	ng	#	1
70) Phenanthrene	14.85	178	1146	0.16	ng	#	1
71) Anthracene	14.90	178	2108	0.29	ng	#	1
72) Carbazole	15.19	167	650	0.09	ng	#	1
73) Di-n-butylphthalate	15.76	149	995	0.12	ng	#	13
74) Fluoranthene	16.59	202	2369	0.37	ng	#	1
76) Benzidine	16.79	184	653	0.11	ng	#	1
77) Pyrene	16.88	202	4067	0.27	ng	#	3
79) Butylbenzylphthalate	17.79	149	429	0.07	ng	#	1
80) Benzo(a)anthracene	18.47	228	734	0.07	ng	#	1
81) 3,3'-Dichlorobenzidine	18.45	252	113	0.03	ng	#	1
82) Chrysene	18.52	228	768	0.07	ng	#	11
83) Bis(2-ethylhexyl)phthalate	18.54	149	15022	1.70	ng	#	73
84) Di-n-octyl phthalate	19.31	149	1376	0.09	ng	#	68
85) Indeno(1,2,3-cd)pyrene	21.35	276	138	0.02	ng	#	1
87) Benzo(b)fluoranthene	19.73	252	424	0.05	ng	#	1
88) Benzo(k)fluoranthene	19.73	252	424	0.05	ng	#	1
89) Benzo(a)pyrene	20.09	252	268	0.03	ng	#	1
90) Dibenzo(a,h)anthracene	21.54	278	107	0.02	ng	#	1
91) Benzo(g,h,i)perylene	21.74	276	220	0.03	ng	#	1

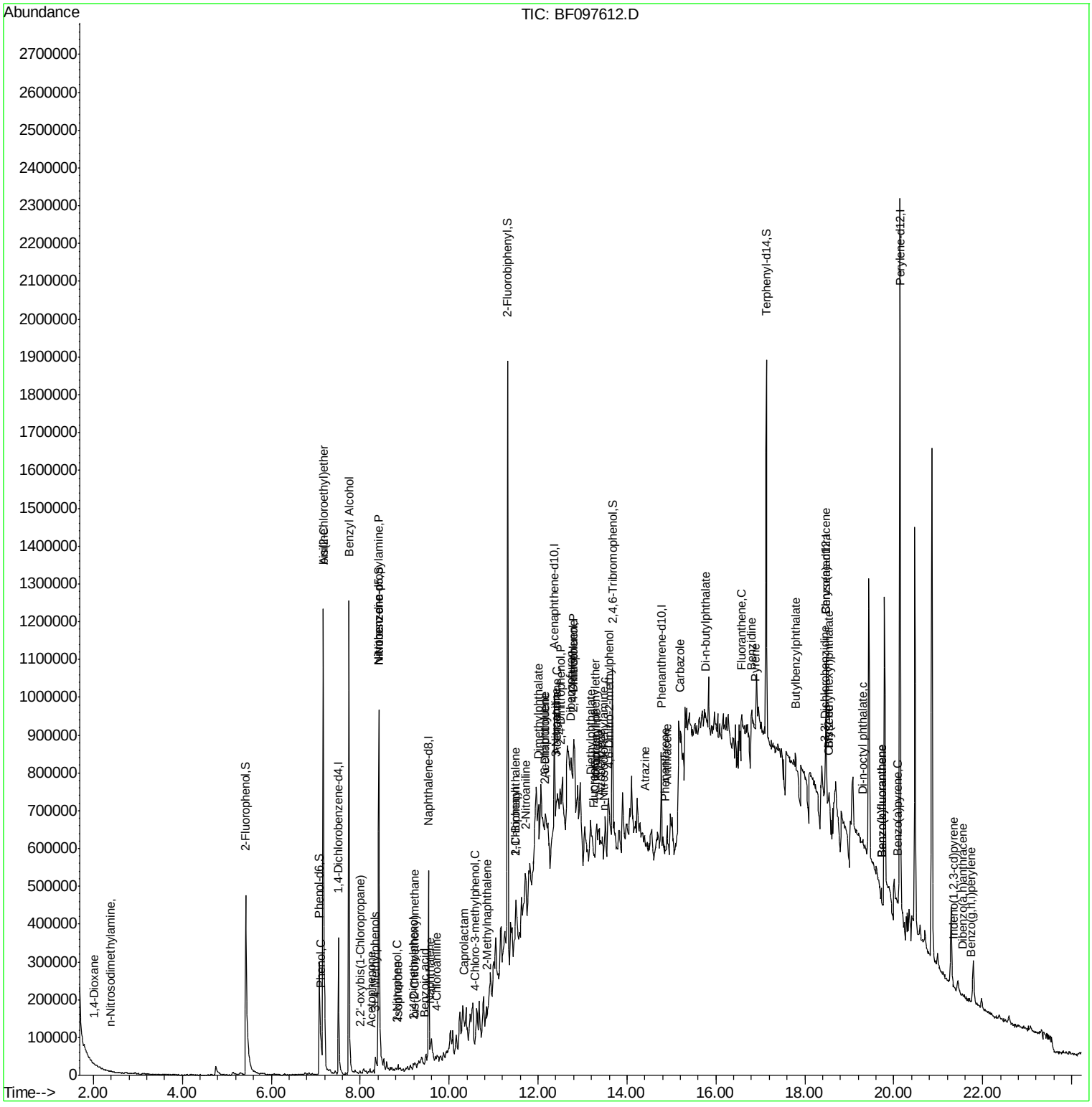
(#) = qualifier out of range (m) = manual integration (+) = signals summed

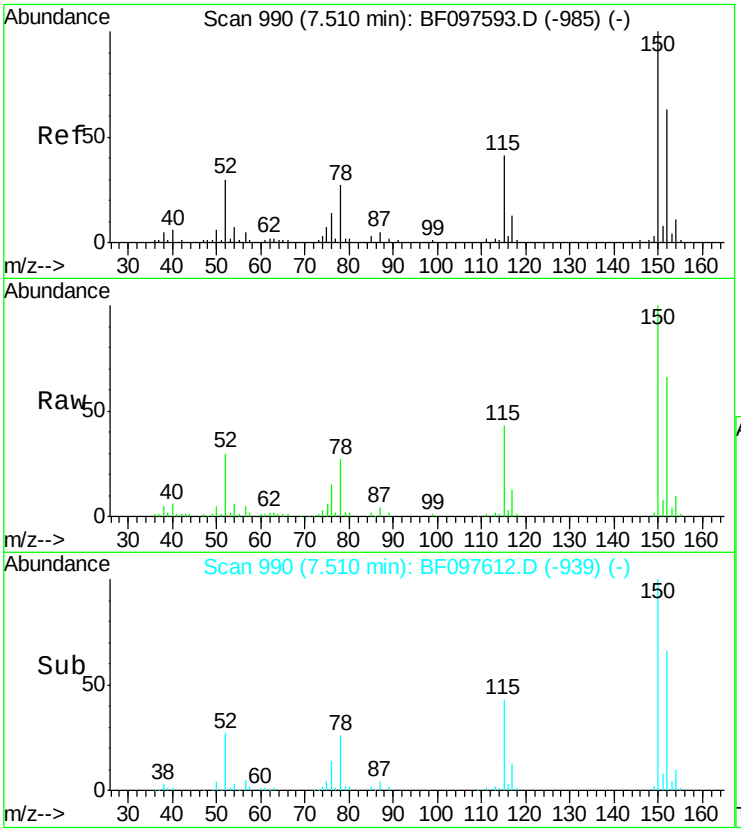
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097612.D
Acq On : 12 Aug 2017 00:35
Operator : SJ/JU
Sample : I4631-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-1-2

Quant Time: Aug 12 01:22:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



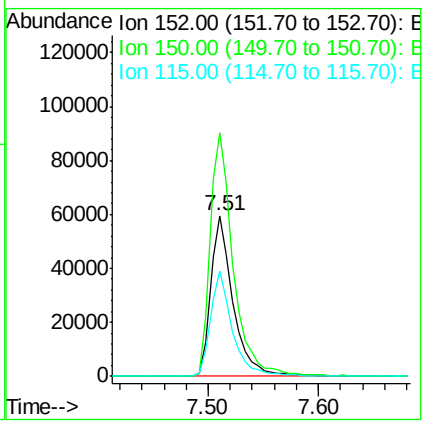


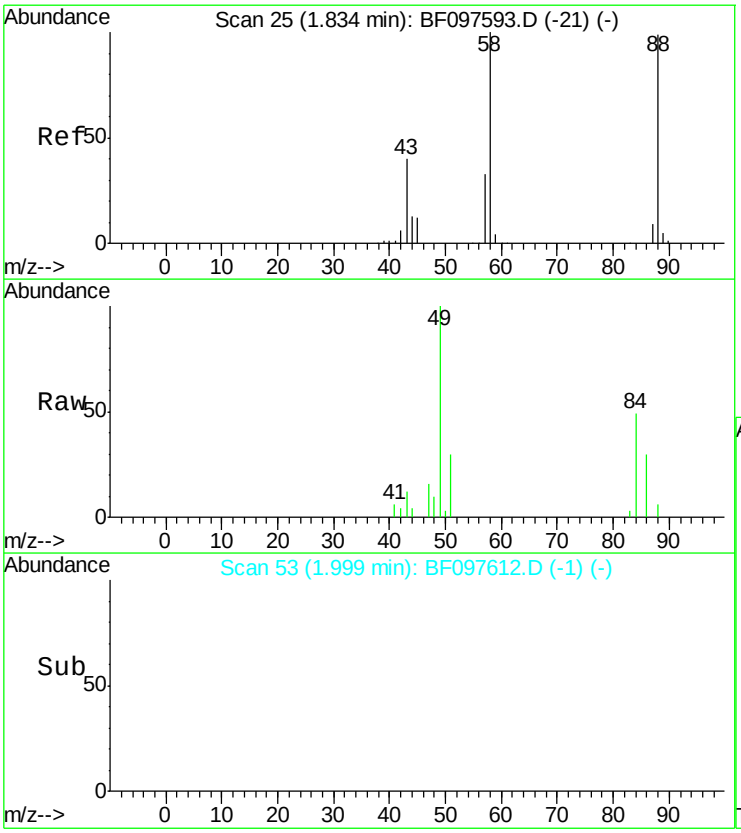
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:152 Resp: 82802

Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.2	189.2
115	65.6	52.2	78.2

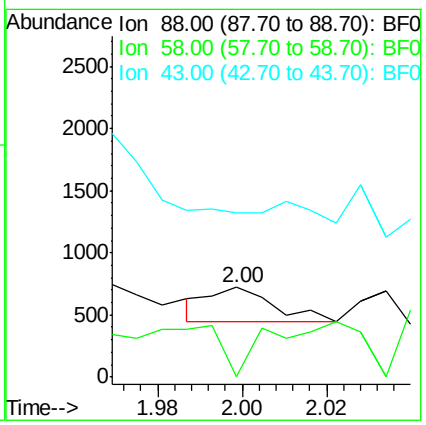


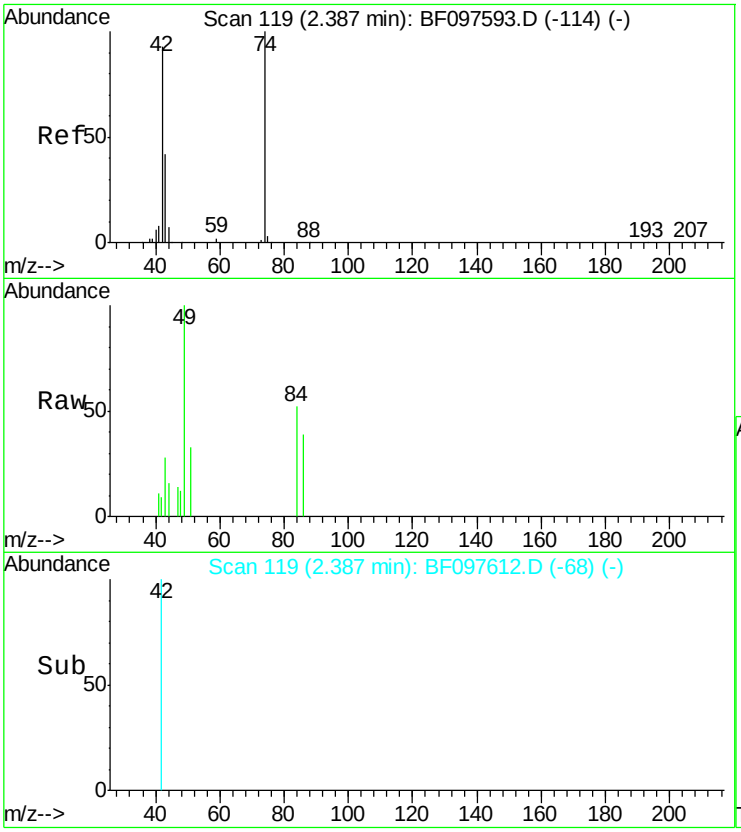


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 2.00 min Scan# 53
Delta R.T. 0.16 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 88 Resp: 294

Ion	Ratio	Lower	Upper
88	100		
58	141.2	61.4	92.0#
43	0.0	23.4	35.0#



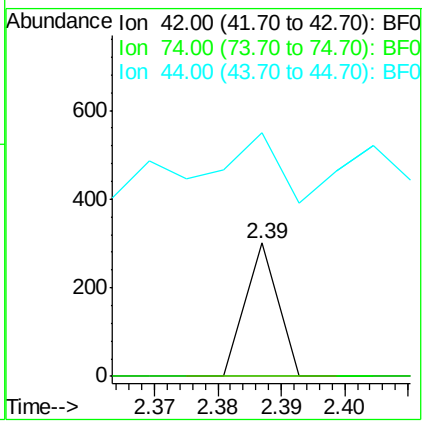


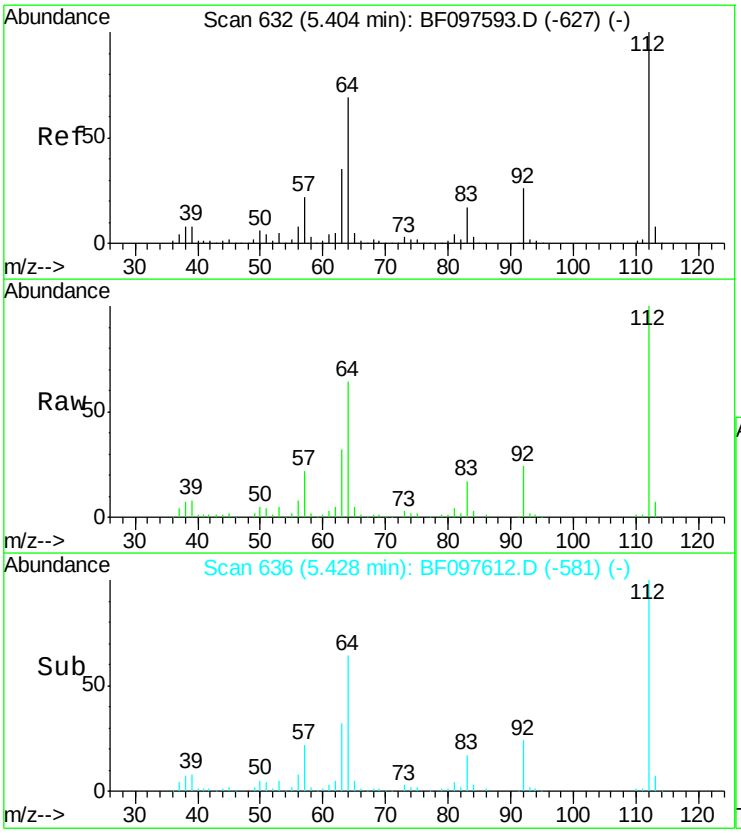
#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 2.39 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 42 Resp: 106

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	182.4	5.7	8.5#

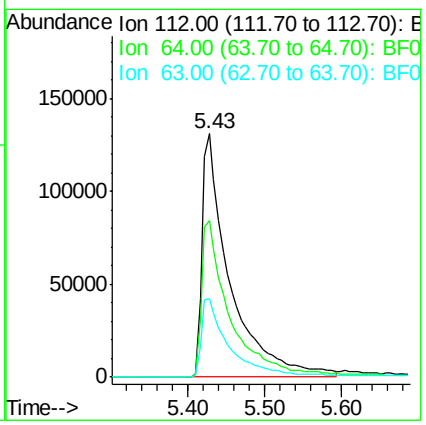


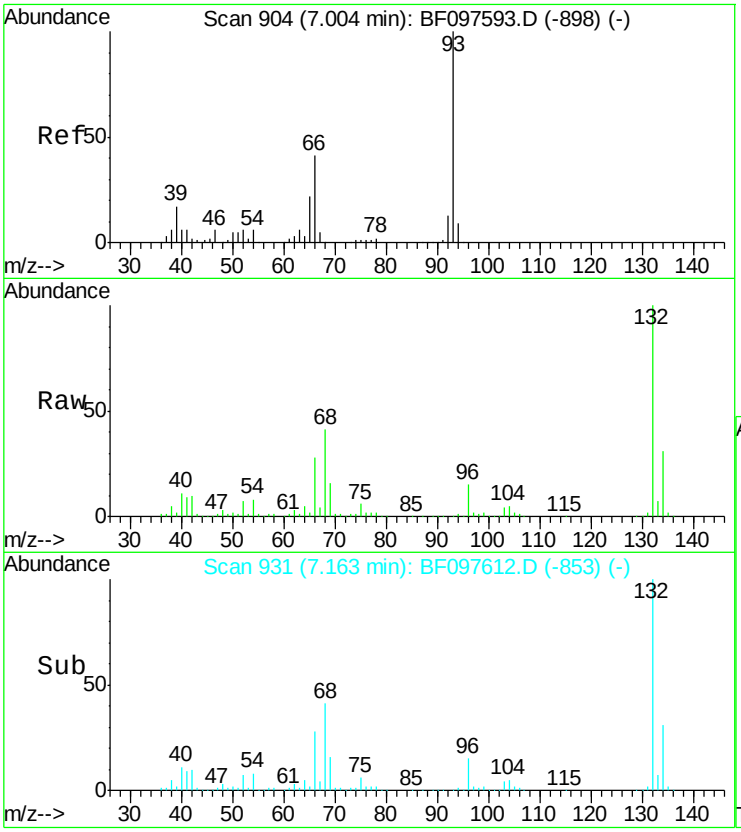


#5
2-Fluorophenol
Concen: 62.68 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:112 Resp: 326498

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.0	69.0
63	32.3	23.4	35.0



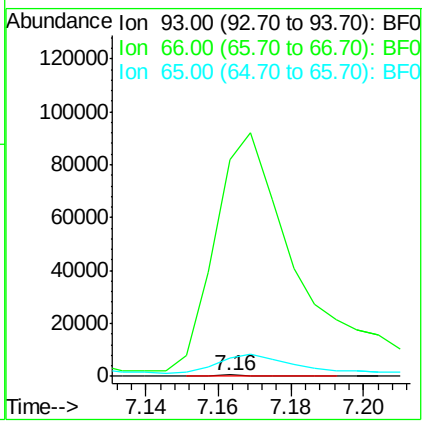


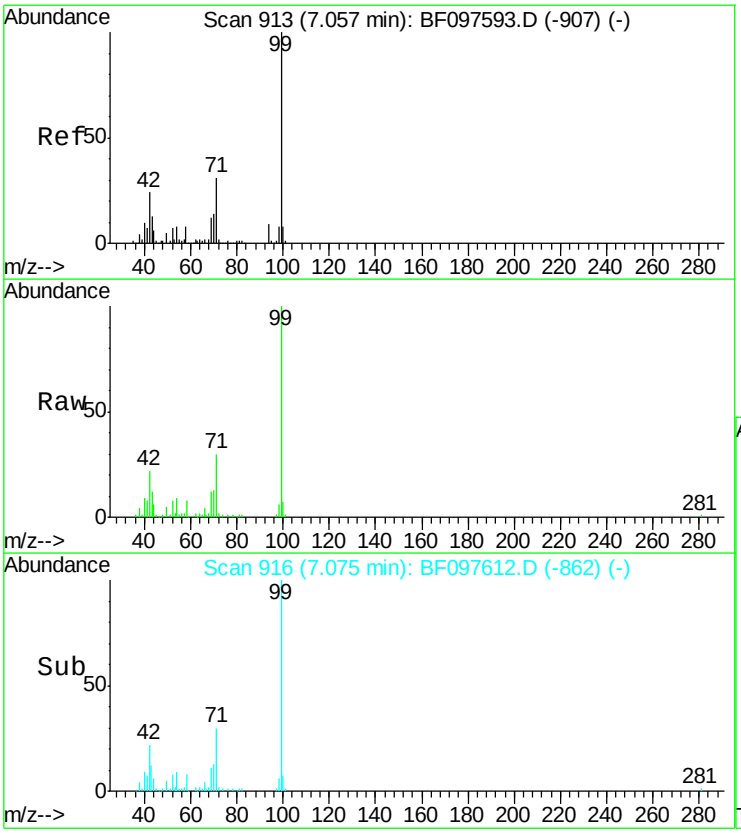
#6
Aniline
Concen: 0.07 ng
RT: 7.16 min Scan# 931
Delta R.T. 0.16 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 93 Resp: 612

Ion	Ratio	Lower	Upper
93	100		
66	13716.6	32.9	49.3#
65	1151.8	16.0	24.0#

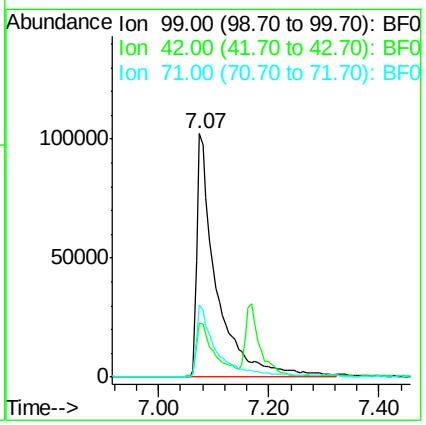


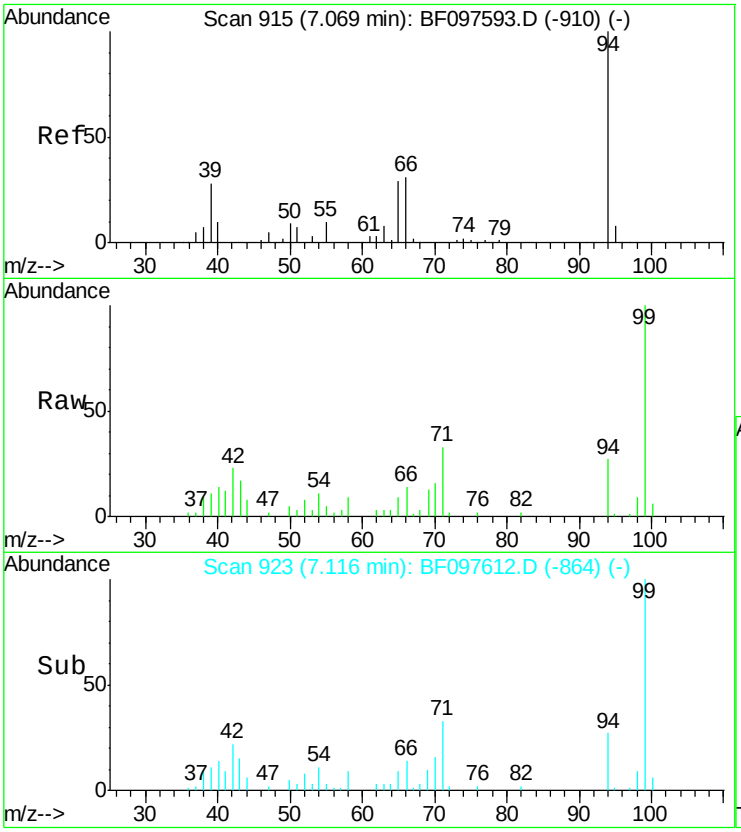


#7
Phenol-d6
Concen: 39.15 ng
RT: 7.07 min Scan# 916
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 99 Resp: 252969

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	29.6	24.5	36.7



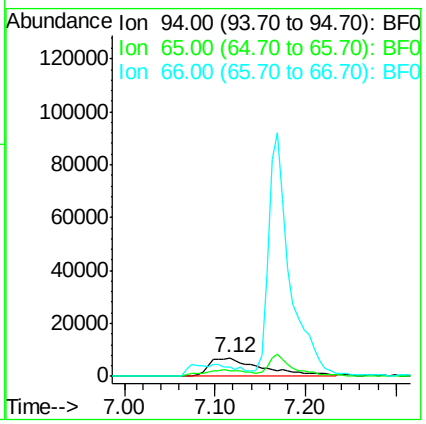


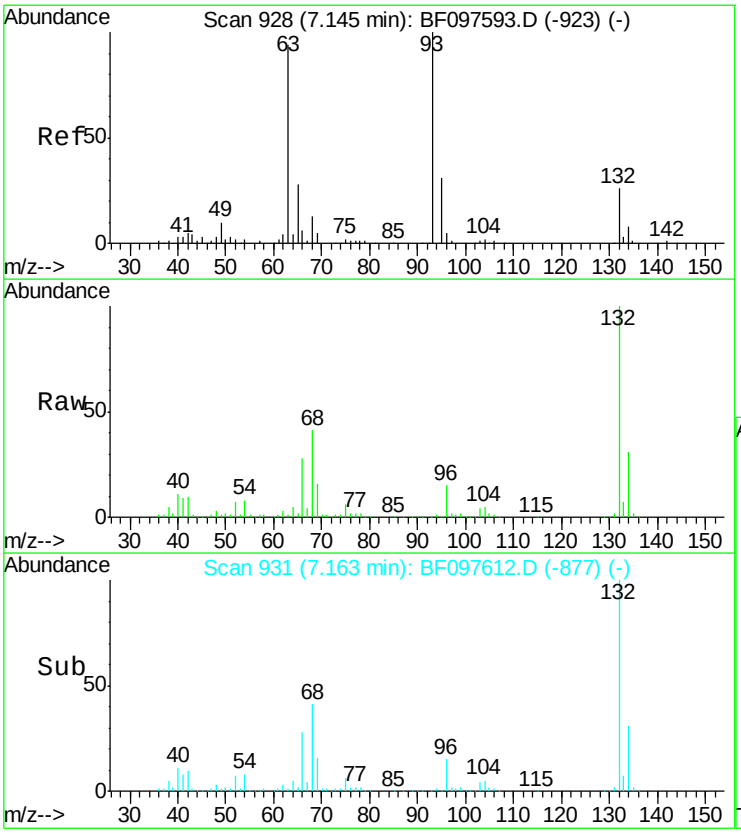
#10
Phenol
Concen: 4.12 ng
RT: 7.12 min Scan# 923
Delta R.T. 0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 94 Resp: 29180

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	49.4	23.1	63.1

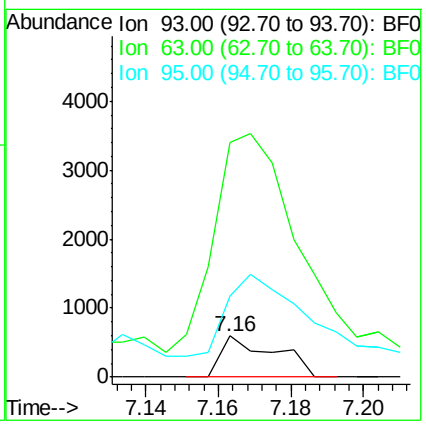


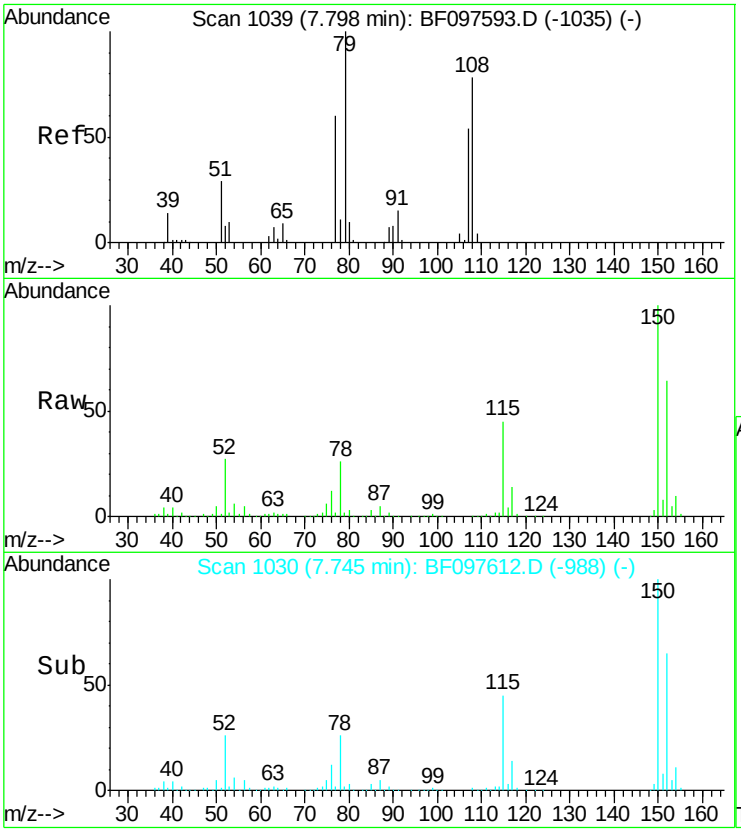


#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.16 min Scan# 931
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 93 Resp: 612

Ion	Ratio	Lower	Upper
93	100		
63	571.0	59.2	99.2#
95	196.3	12.8	52.8#



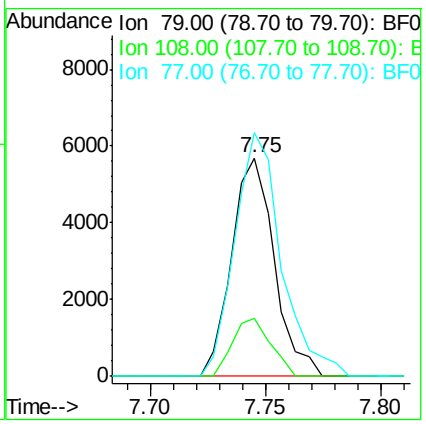


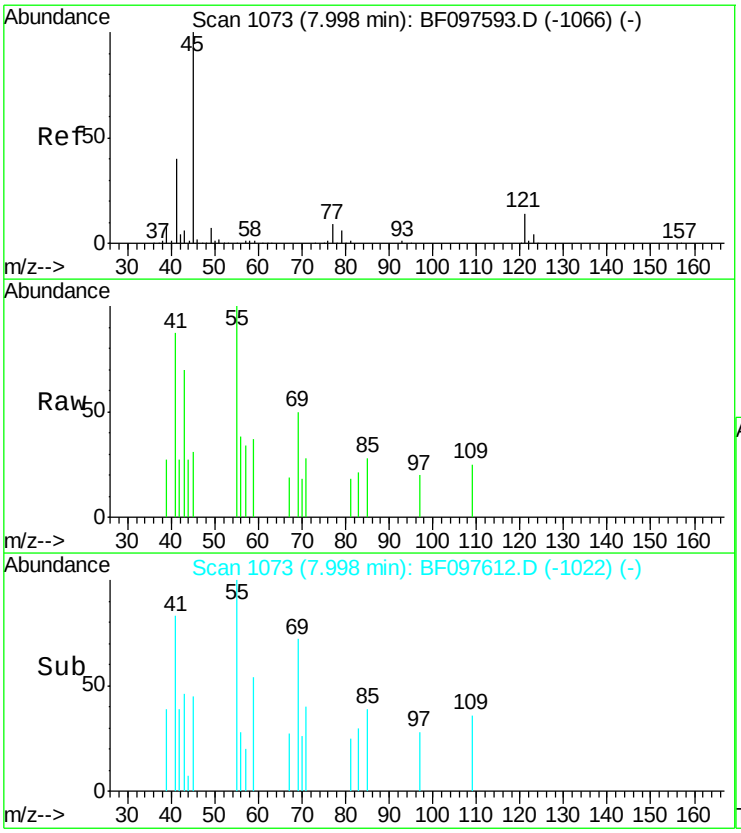
#15
Benzyl Alcohol
Concen: 1.64 ng
RT: 7.75 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 79 Resp: 7327

Ion	Ratio	Lower	Upper
79	100		
108	26.5	63.4	95.0#
77	111.5	49.2	73.8#

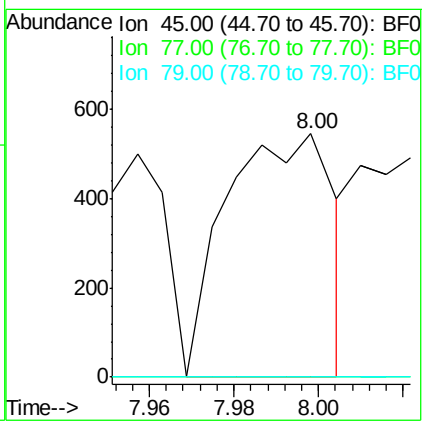


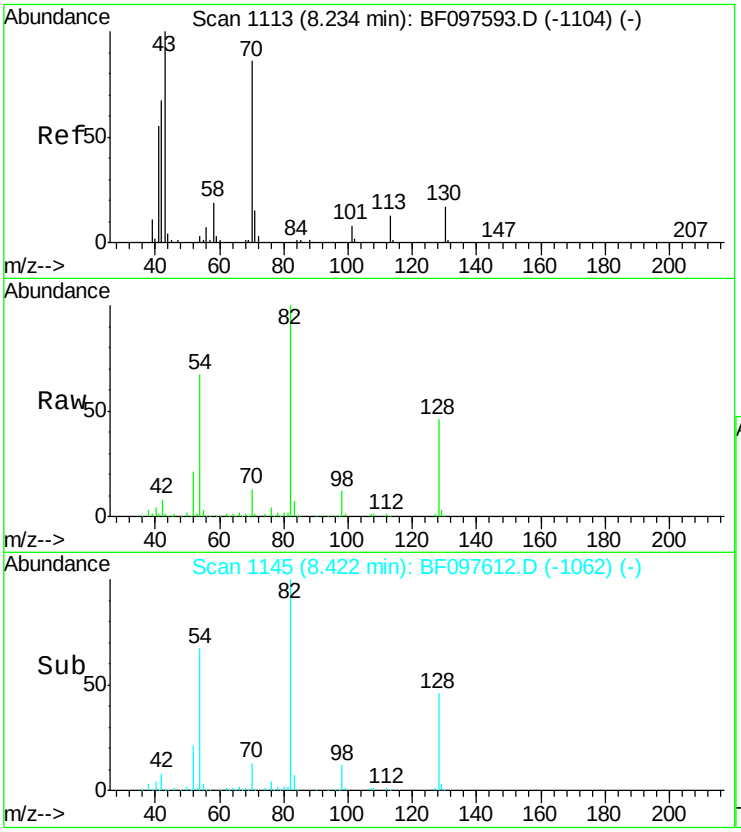


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.08 ng
RT: 8.00 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 45 Resp: 963

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.2
79	0.0	0.0	30.0



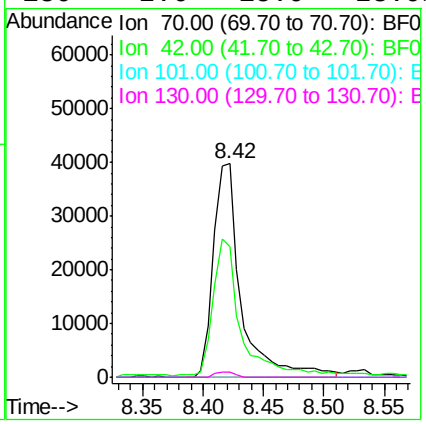


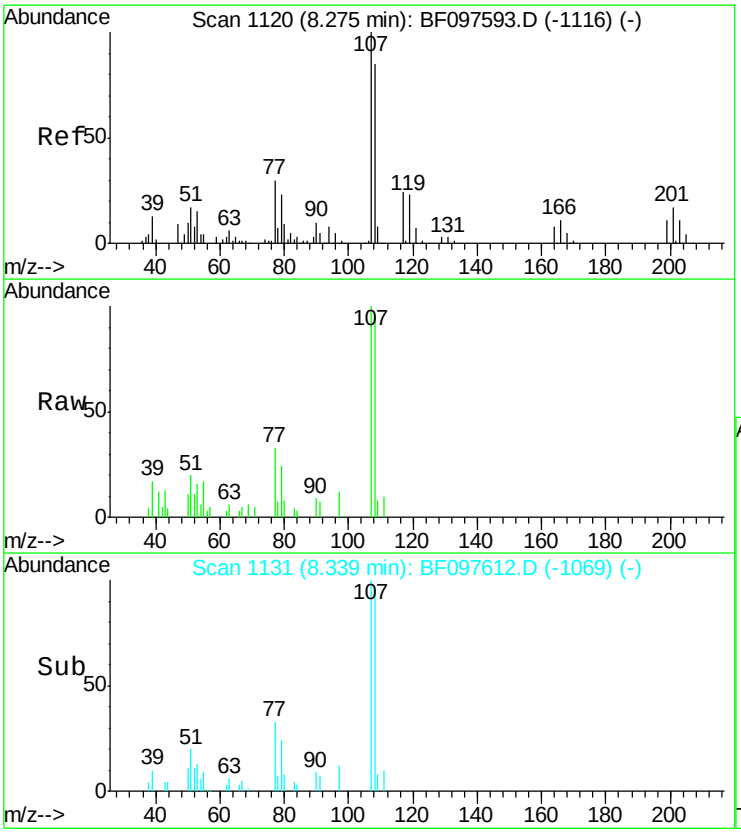
#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 70 Resp: 63301

Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

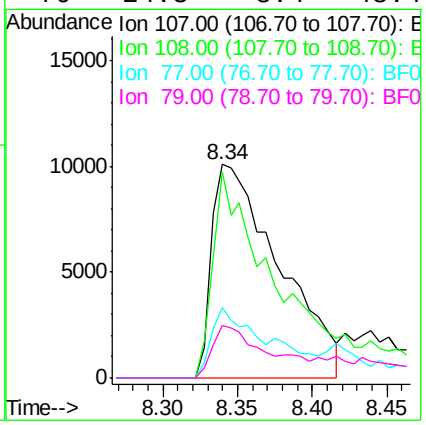


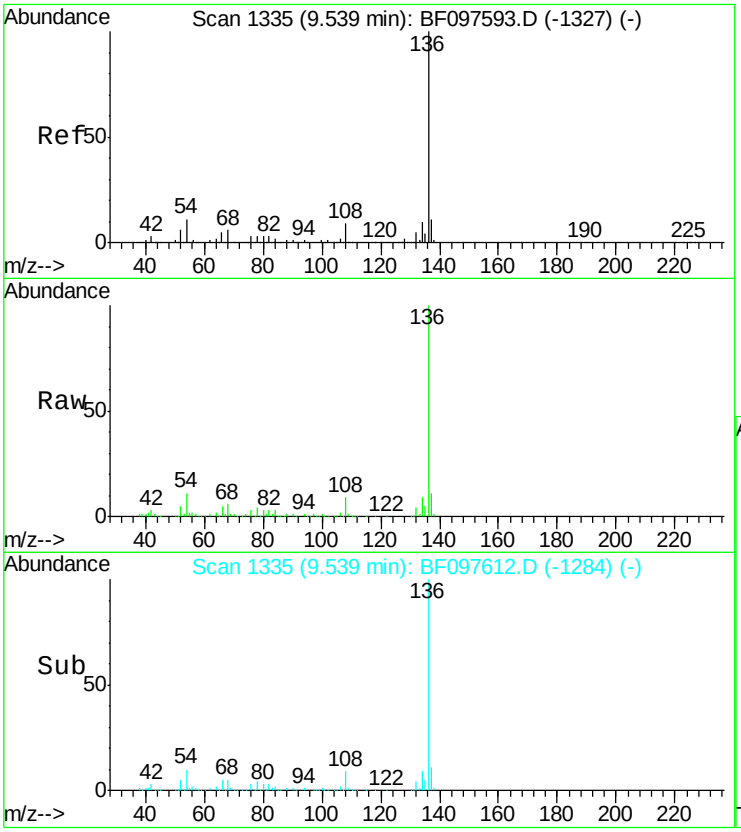


#20
3+4-Methylphenols
Concen: 5.62 ng
RT: 8.34 min Scan# 1131
Delta R.T. 0.06 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:107 Resp: 31840

Ion	Ratio	Lower	Upper
107	100		
108	96.4	71.0	111.0
77	33.2	90.5	130.5#
79	24.3	8.4	48.4



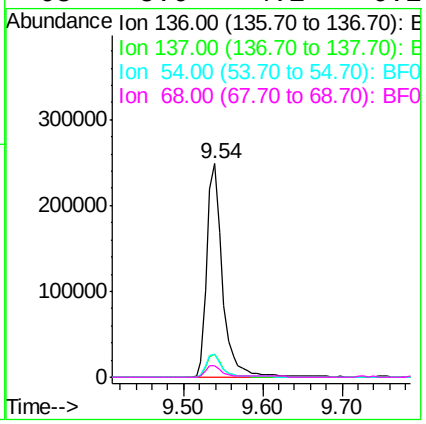


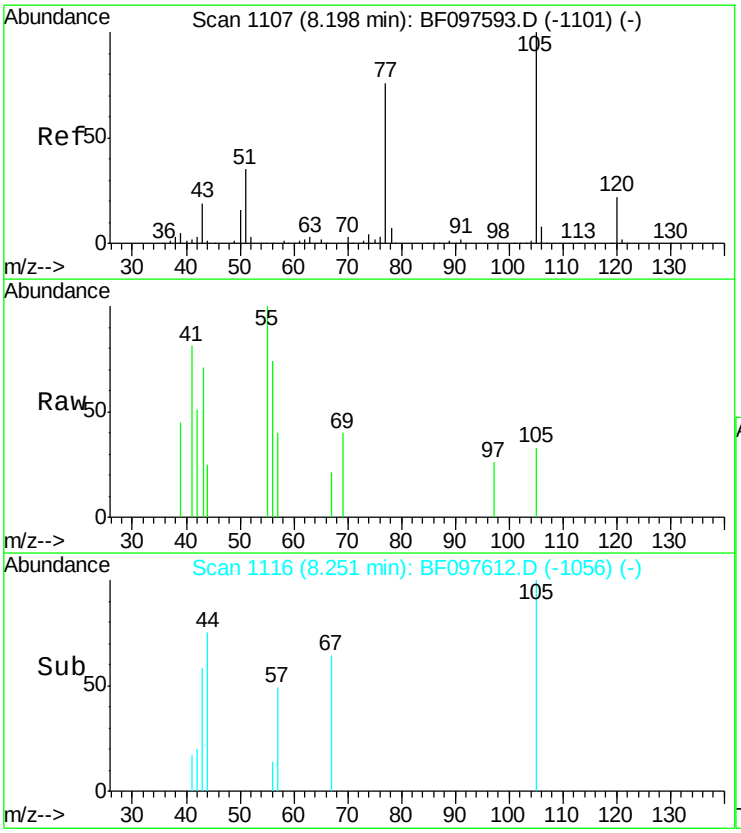
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:136 Resp: 343023

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.6	4.9	7.3#
68	5.6	4.1	6.1

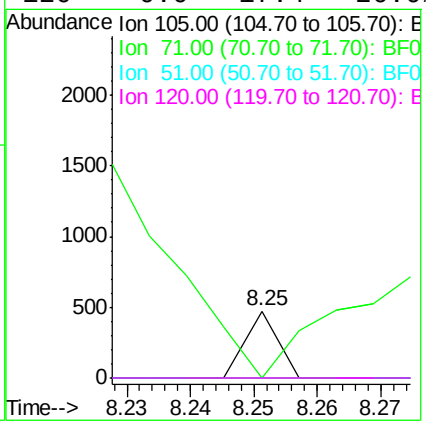


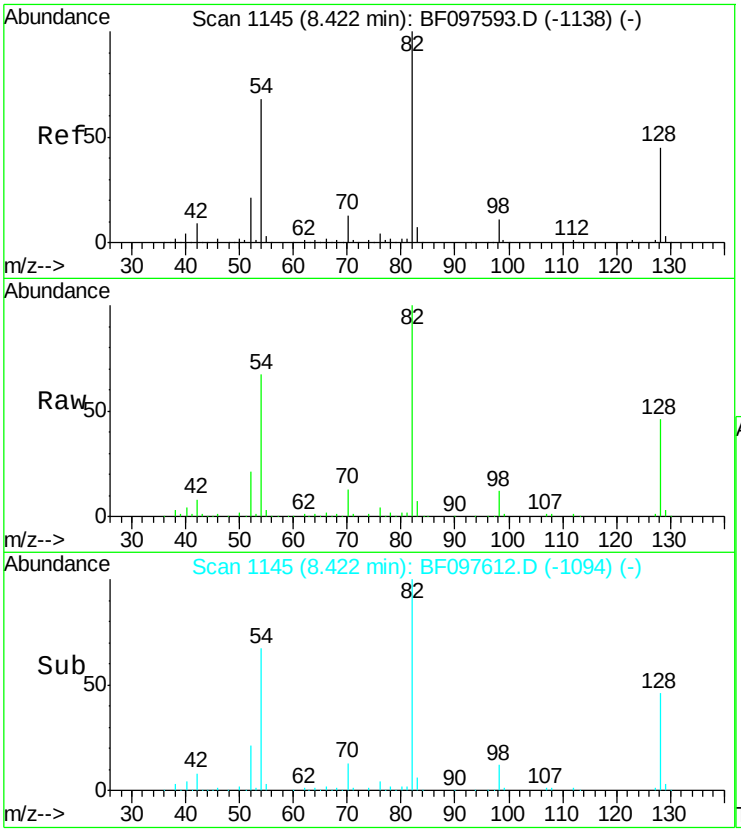


#22
Acetophenone
Concen: 0.02 ng
RT: 8.25 min Scan# 1116
Delta R.T. 0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:105 Resp: 166

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



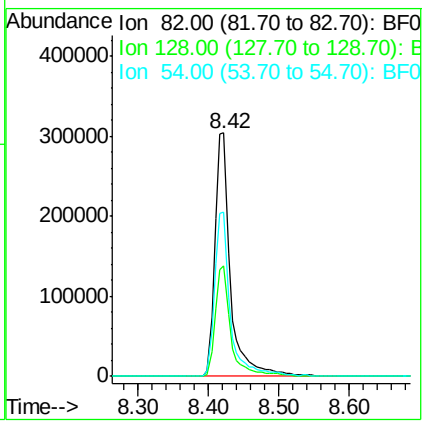


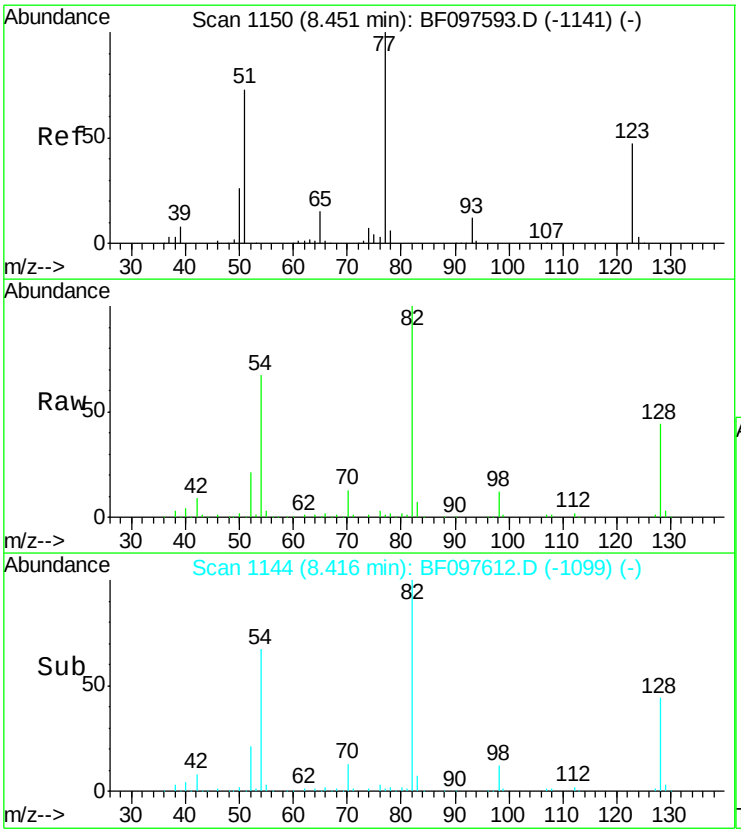
#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 8.42 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 82 Resp: 467329

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	67.3	42.2	63.2#

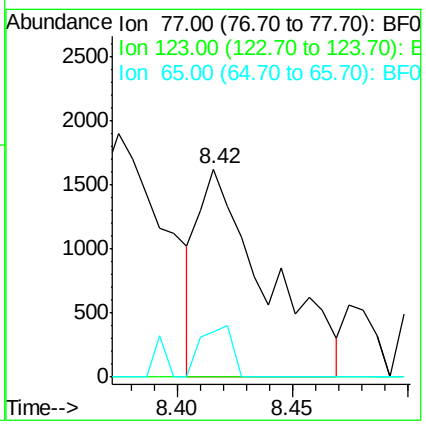


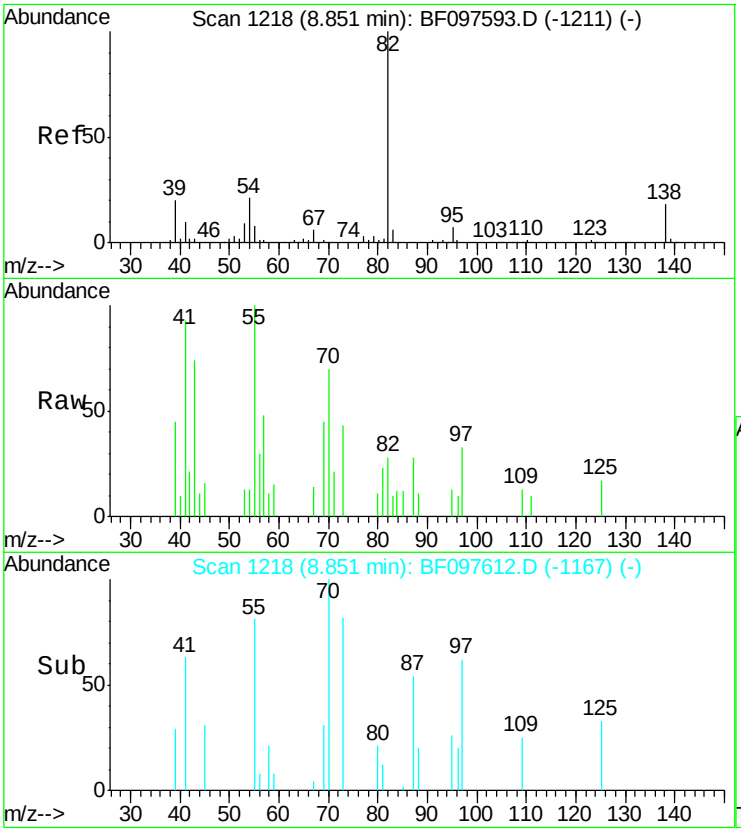


#24
Nitrobenzene
Concen: 0.56 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 77 Resp: 3340

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	21.5	10.6	15.8#



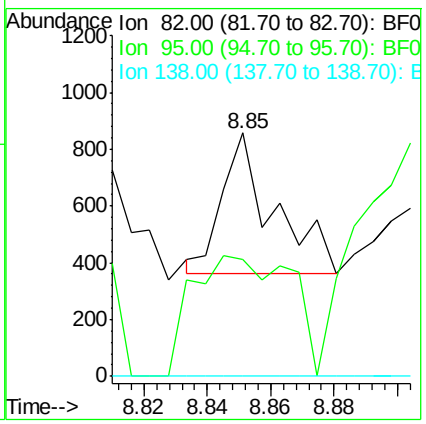


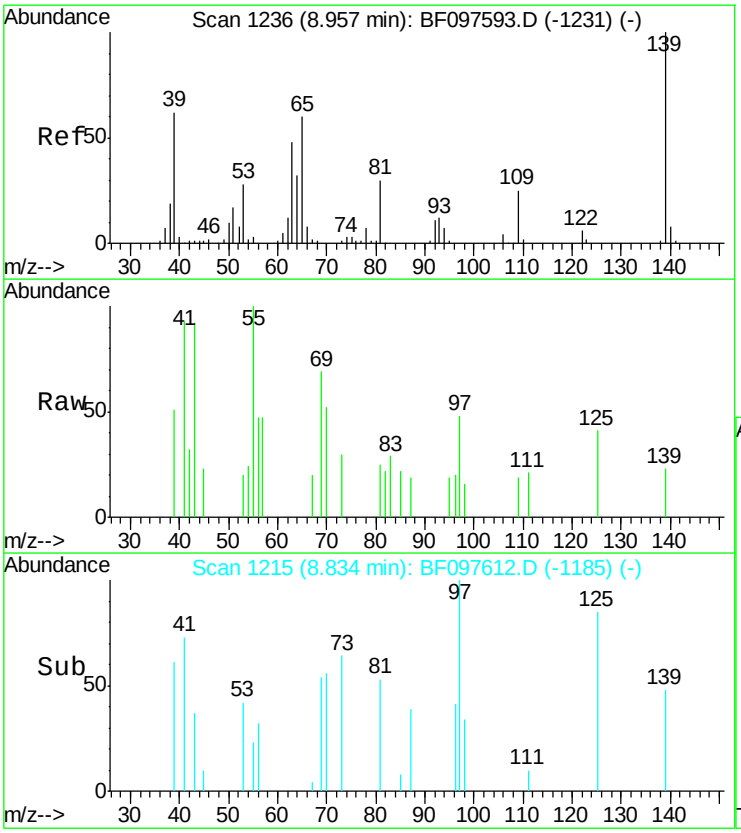
#25
Isophorone
Concen: 0.06 ng
RT: 8.85 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion: 82 Resp: 557

Ion	Ratio	Lower	Upper
82	100		
95	48.1	5.3	7.9#
138	0.0	13.1	19.7#

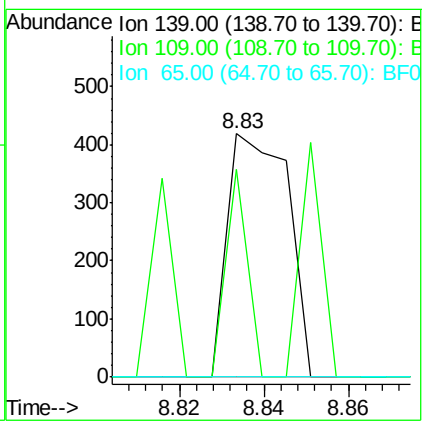


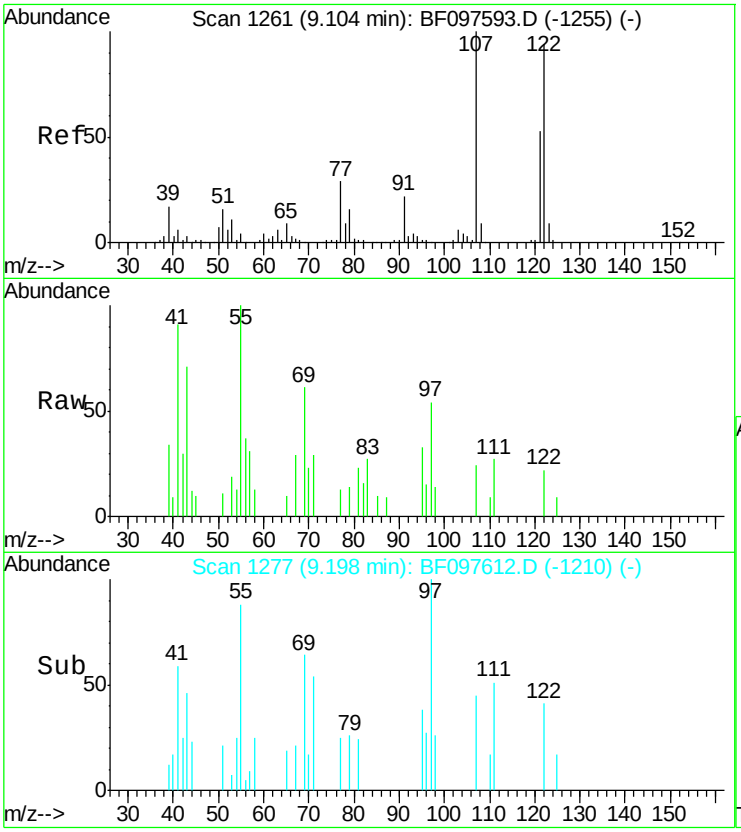


#26
2-Nitrophenol
Concen: 0.14 ng
RT: 8.83 min Scan# 1215
Delta R.T. -0.12 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:139 Resp: 416

Ion	Ratio	Lower	Upper
139	100		
109	85.2	21.0	31.6#
65	0.0	33.0	49.6#



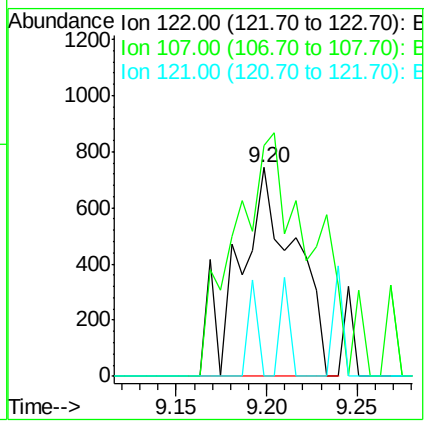


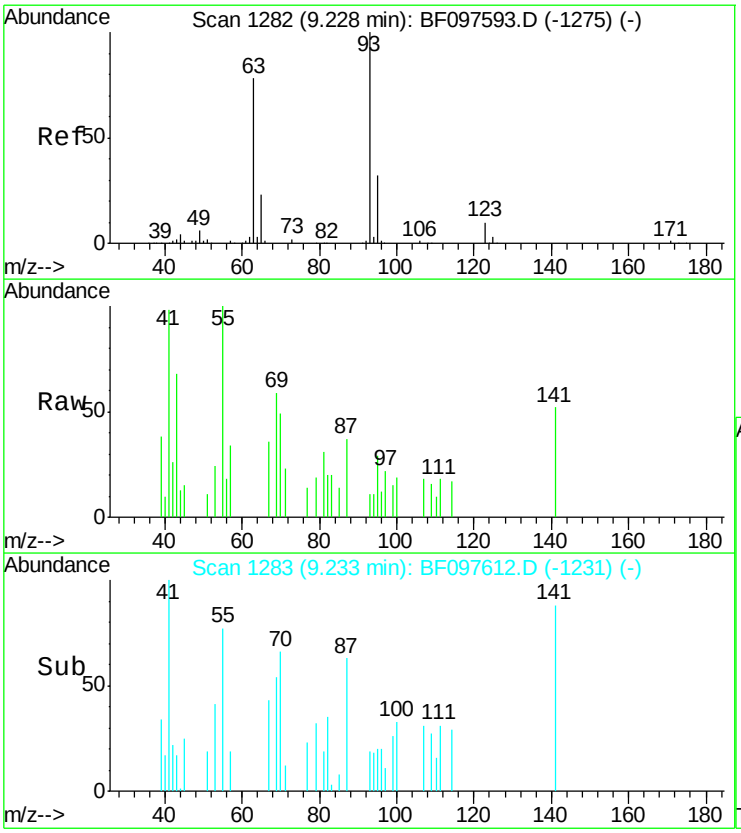
#27
2,4-Dimethylphenol
Concen: 0.32 ng
RT: 9.20 min Scan# 1277
Delta R.T. 0.09 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:122 Resp: 1626

Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.2	133.8
121	0.0	45.2	67.8#

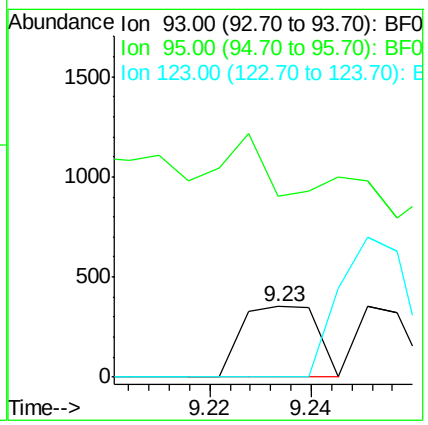


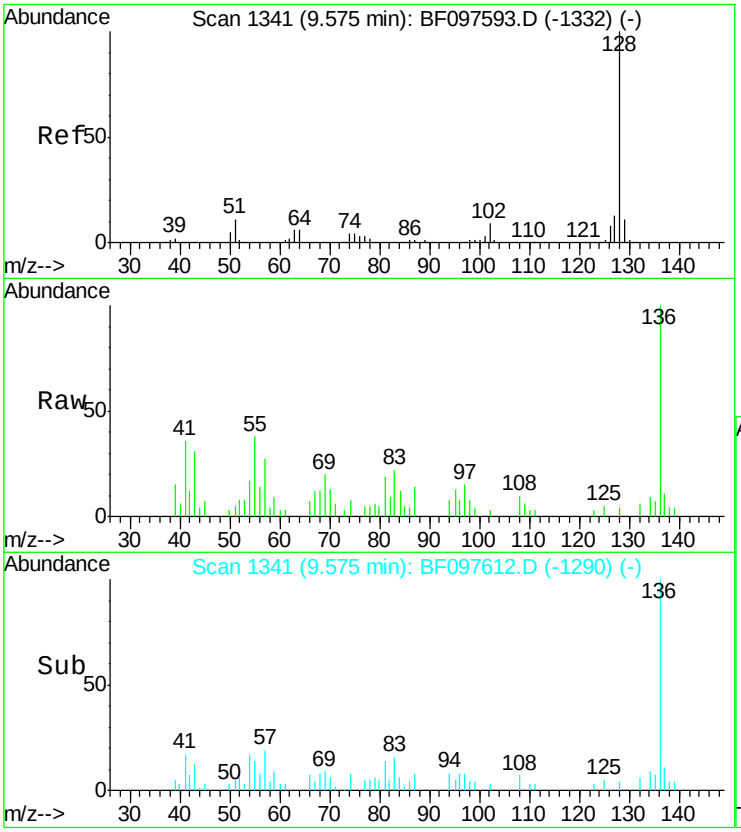


#28
bis(2-Chloroethoxy)methane
Concen: 0.05 ng
RT: 9.23 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 93 Resp: 363

Ion	Ratio	Lower	Upper
93	100		
95	256.7	26.5	39.7#
123	0.0	9.0	13.4#



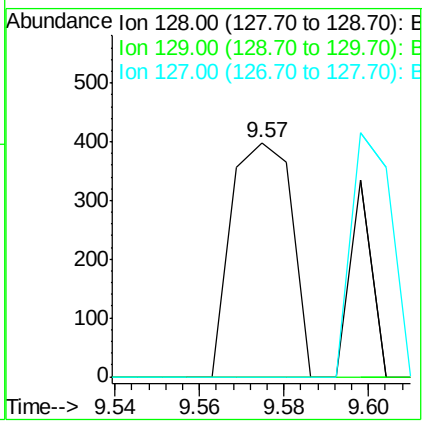


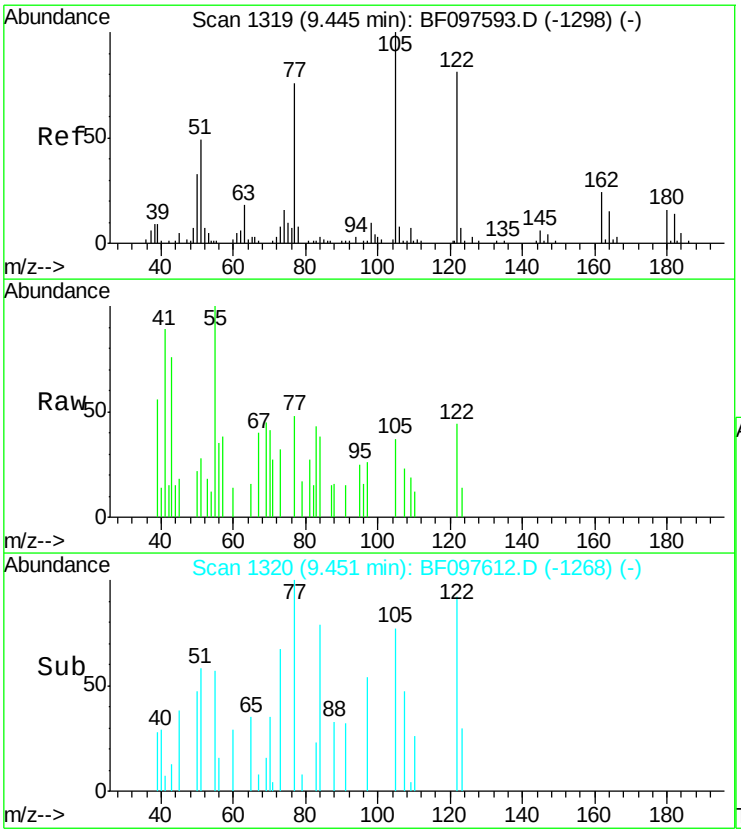
#31
Naphthalene
Concen: 0.02 ng
RT: 9.57 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:128 Resp: 396

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	10.8	16.2#

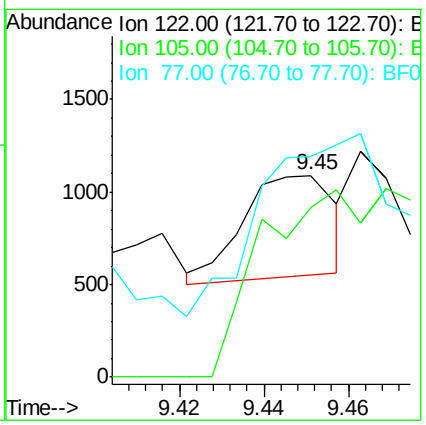


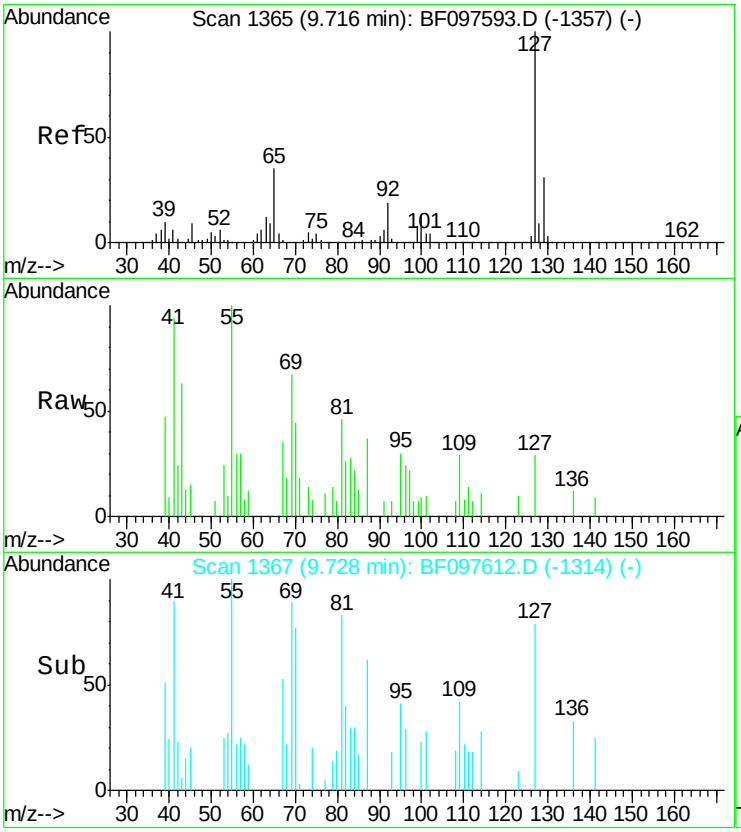


#32
Benzoic acid
Concen: 0.31 ng
RT: 9.45 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:122 Resp: 829

Ion	Ratio	Lower	Upper
122	100		
105	84.0	103.3	143.3#
77	109.0	73.7	113.7



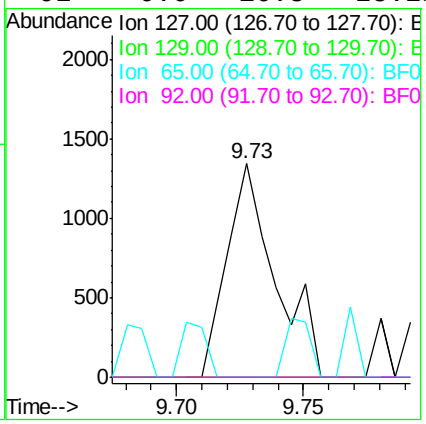


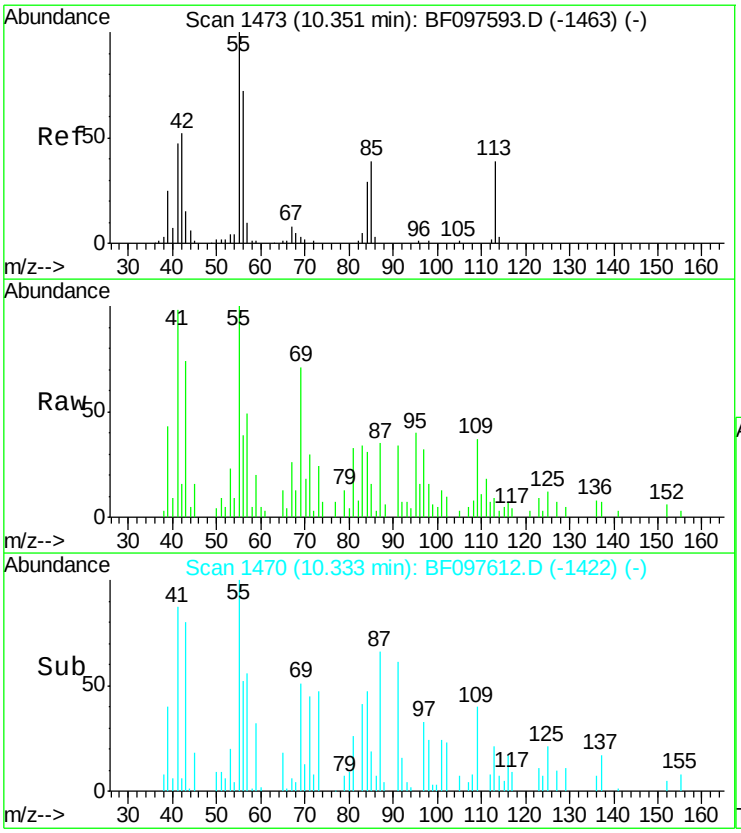
#33
4-Chloroaniline
Concen: 0.25 ng
RT: 9.73 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:127 Resp: 1789

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

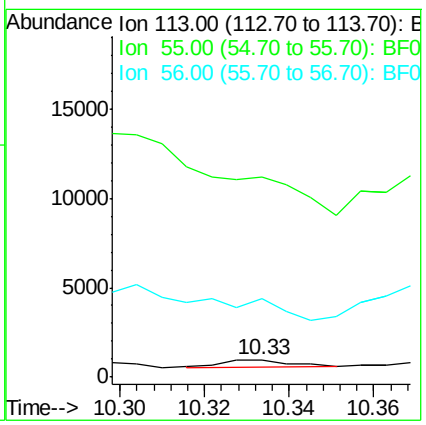


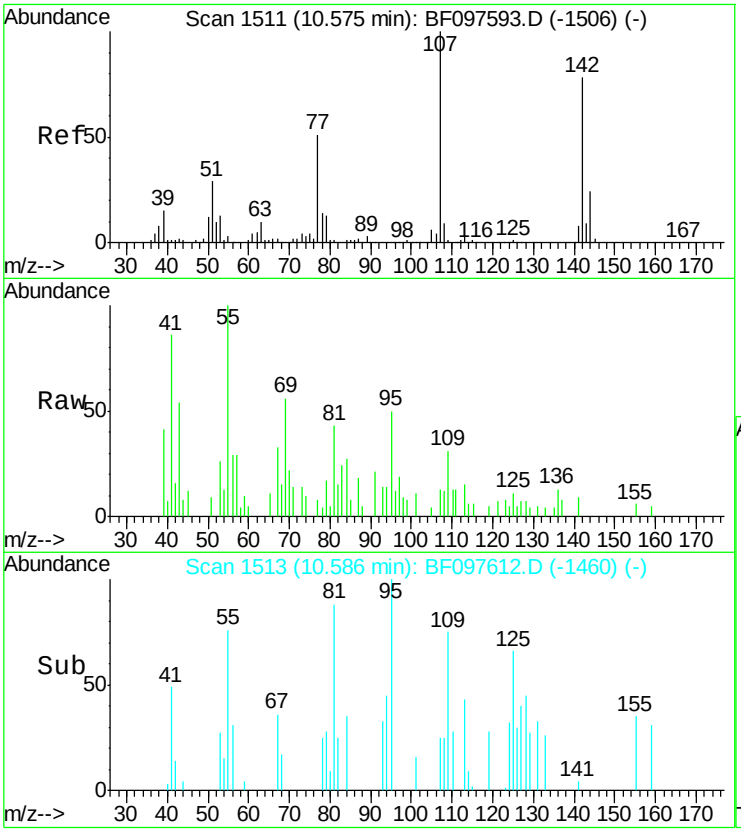


#35
Caprolactam
Concen: 0.28 ng
RT: 10.33 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:113 Resp: 393

Ion	Ratio	Lower	Upper
113	100		
55	1165.6	150.2	190.2#
56	459.4	107.8	147.8#



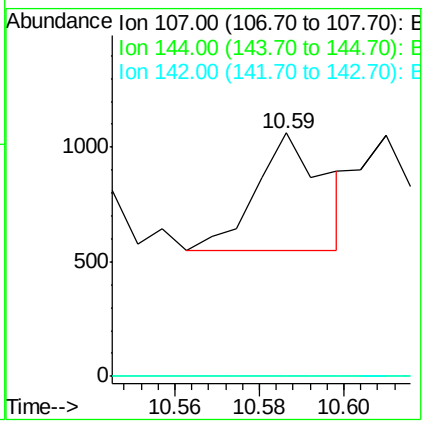


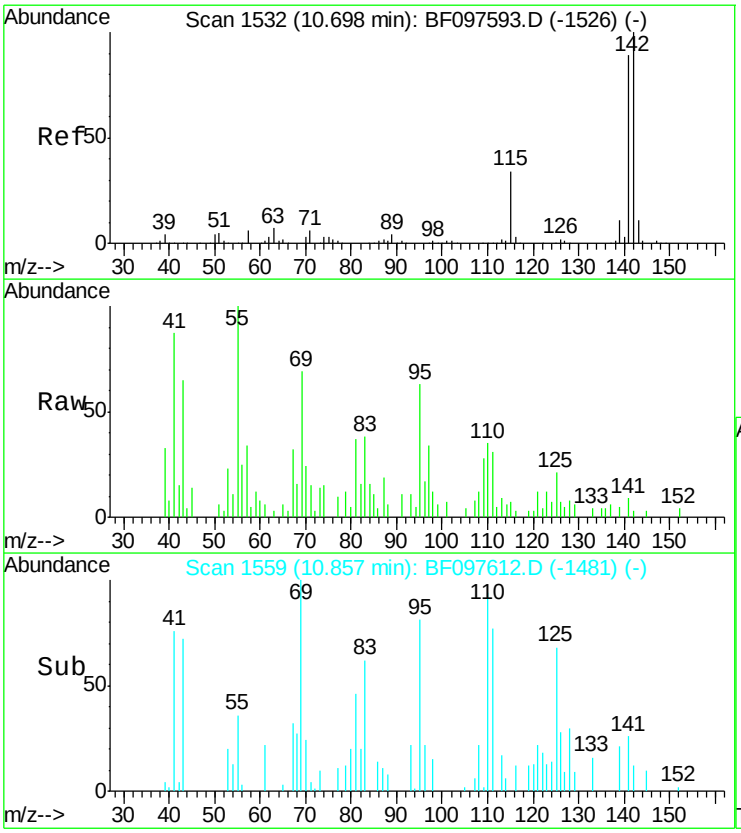
#36
4-Chloro-3-methylphenol
Concen: 0.12 ng
RT: 10.59 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:107 Resp: 586

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

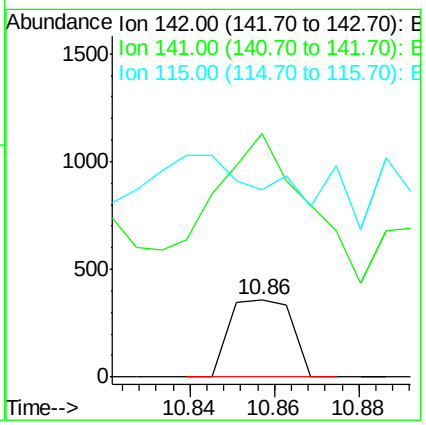


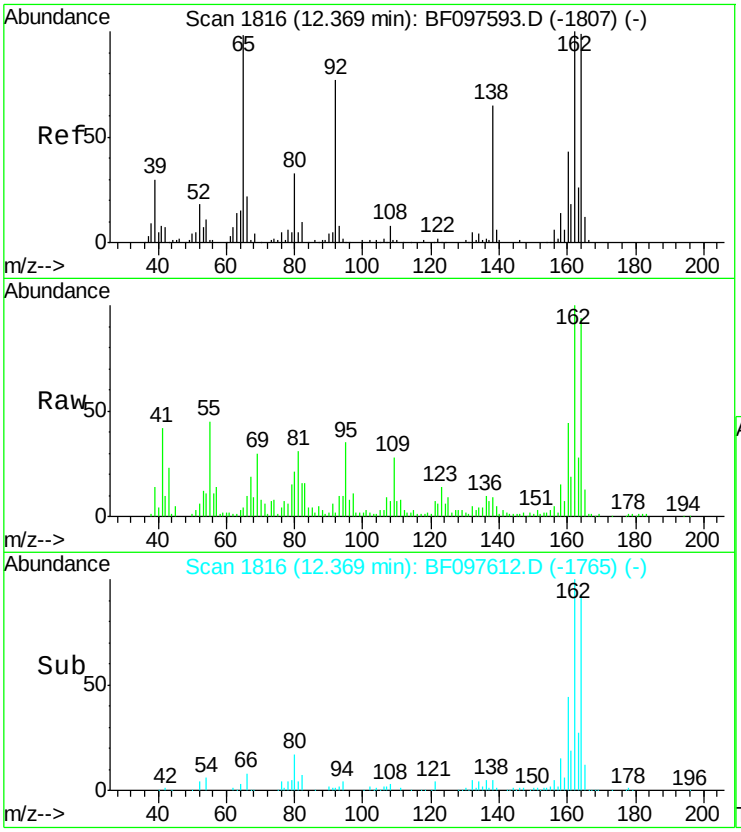


#37
2-Methylnaphthalene
Concen: 0.03 ng
RT: 10.86 min Scan# 1559
Delta R.T. 0.16 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:142 Resp: 367

Ion	Ratio	Lower	Upper
142	100		
141	314.8	71.3	106.9#
115	241.5	27.1	40.7#



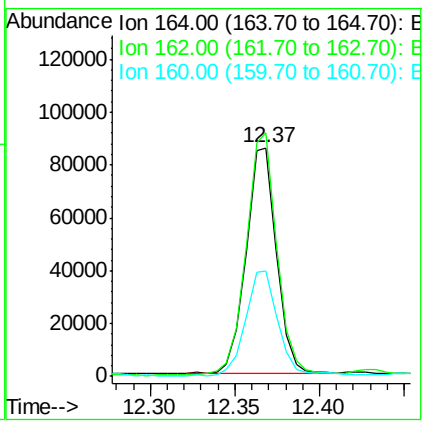


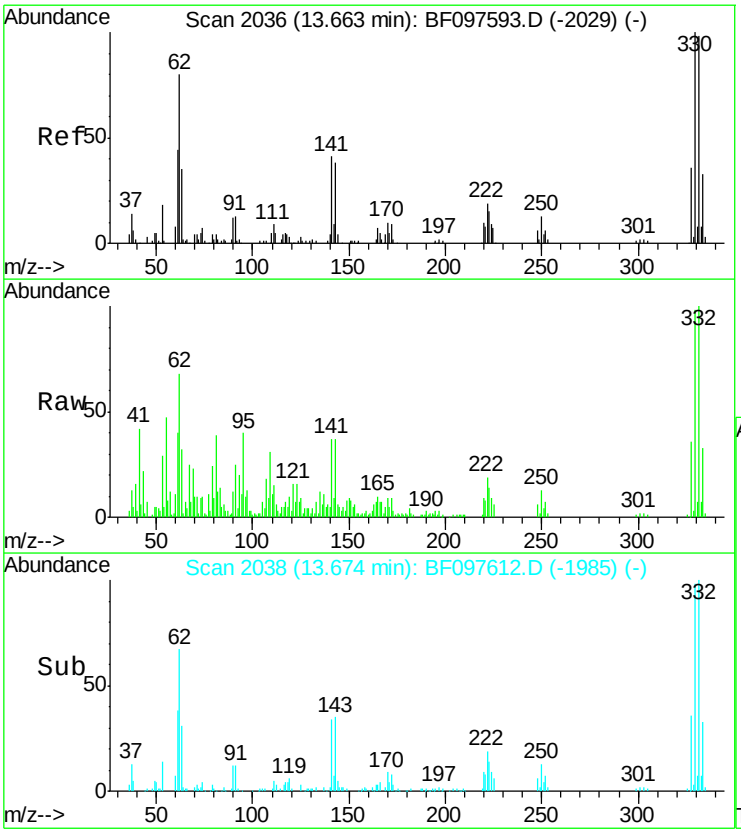
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:164 Resp: 107392

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.6	123.8
160	46.4	36.2	54.2

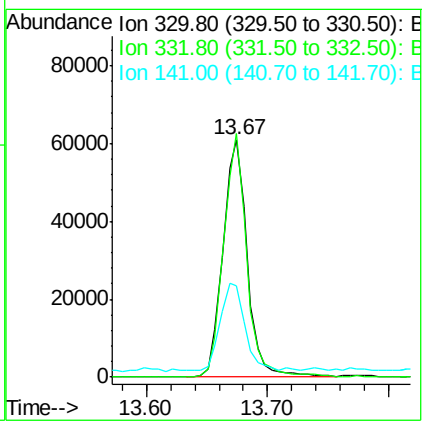


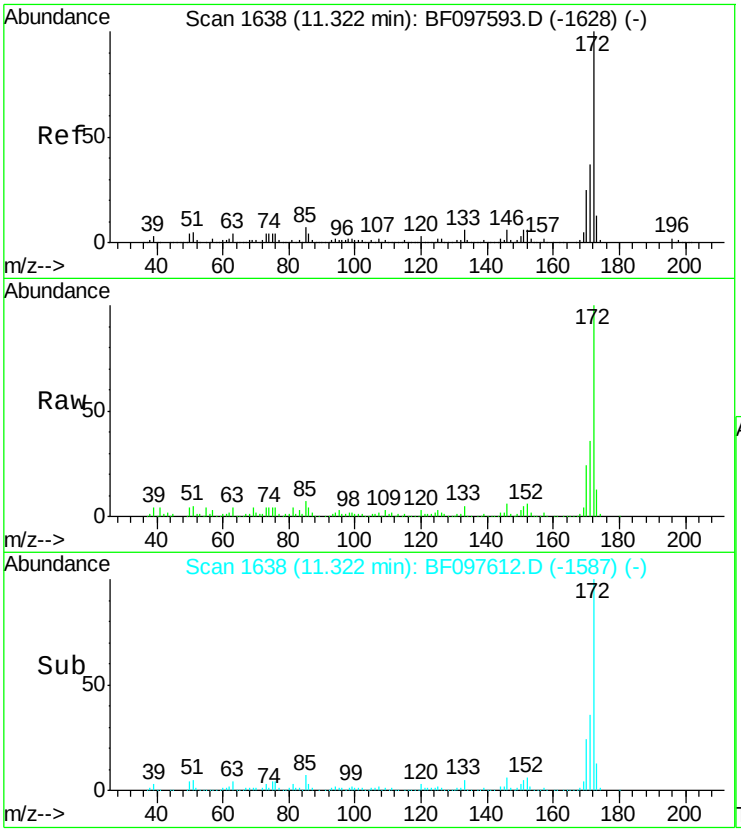


#41
2,4,6-Tribromophenol
Concen: 104.24 ng
RT: 13.67 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:330 Resp: 85096

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	36.9	31.4	47.2



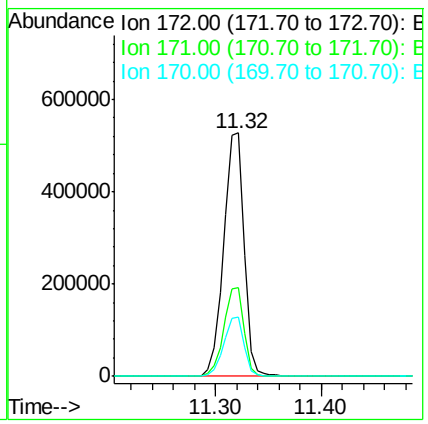


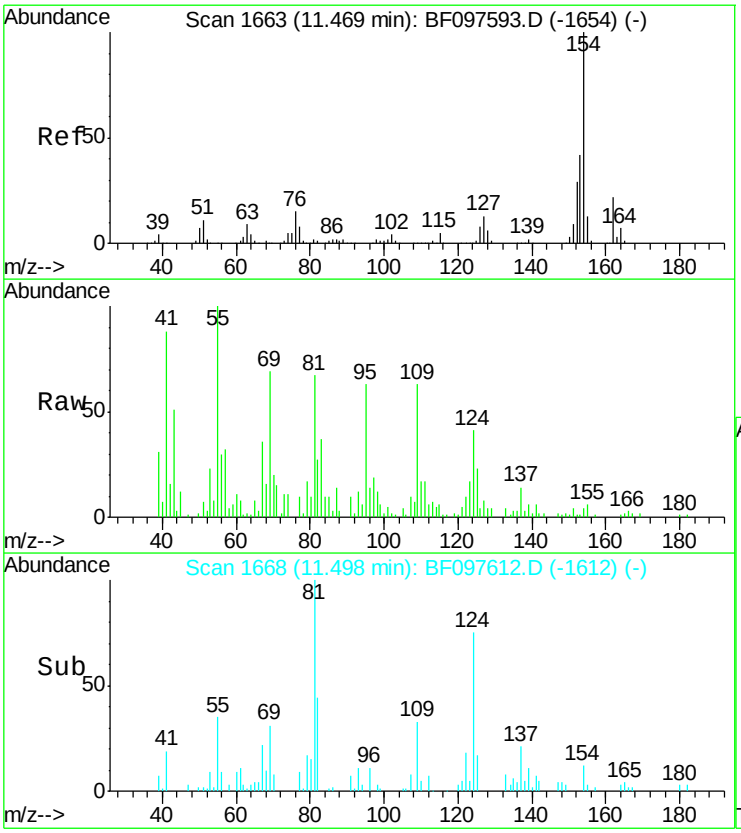
#44
2-Fluorobiphenyl
Concen: 99.61 ng
RT: 11.32 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:172 Resp: 708790

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

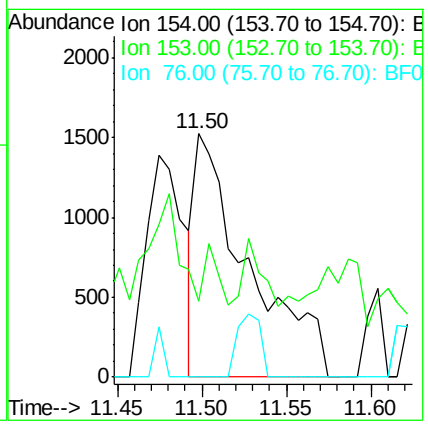


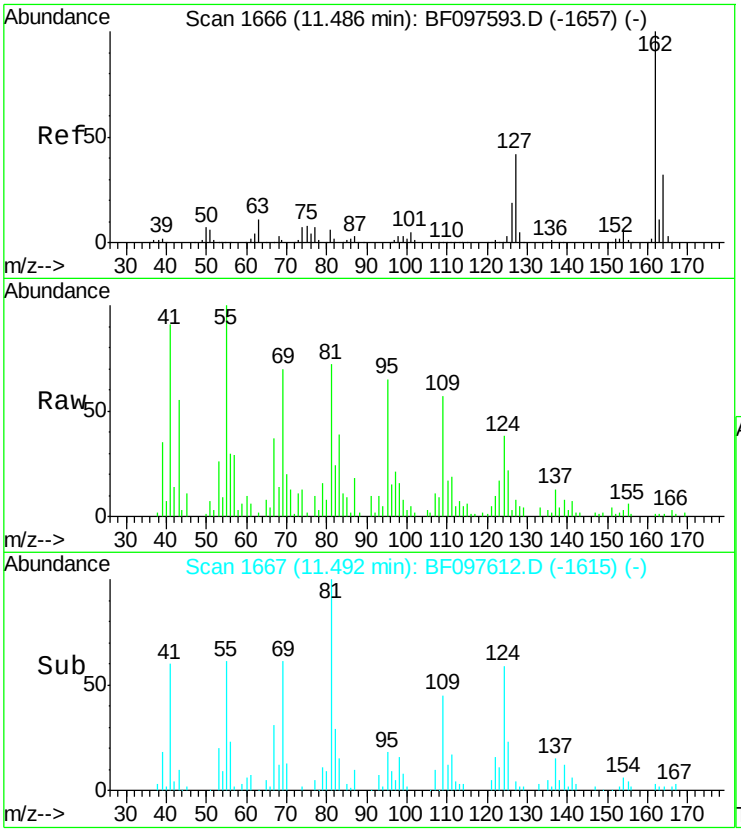


#45
1,1'-Biphenyl
Concen: 0.36 ng
RT: 11.50 min Scan# 1668
Delta R.T. 0.03 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:154 Resp: 3325

Ion	Ratio	Lower	Upper
154	100		
153	31.1	21.2	61.2
76	0.0	0.0	29.9



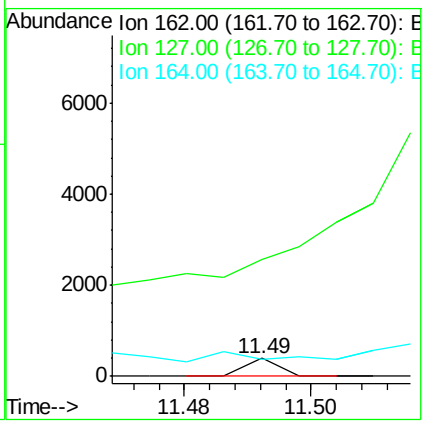


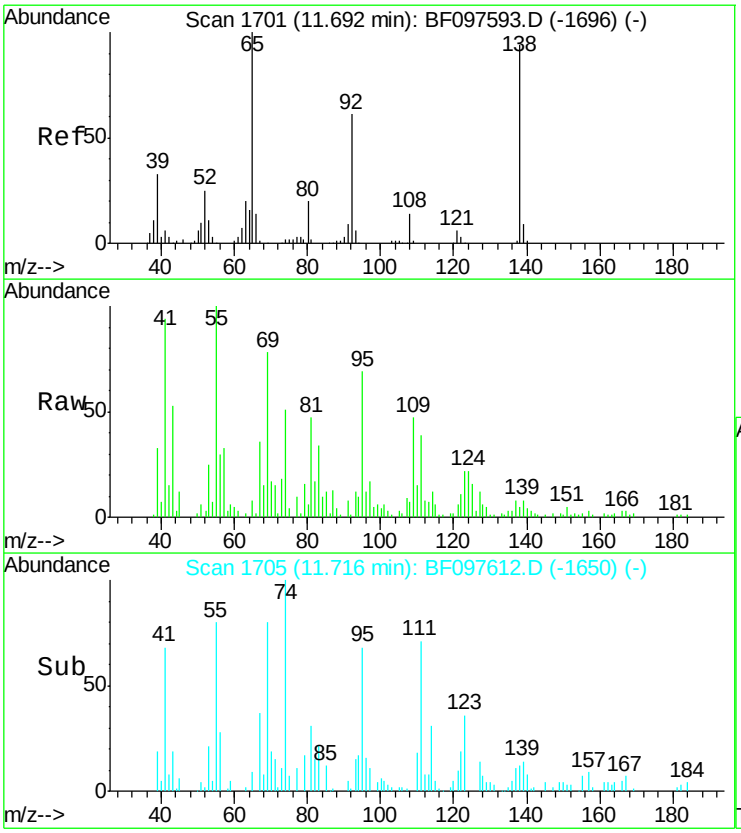
#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 11.49 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:162 Resp: 141

Ion	Ratio	Lower	Upper
162	100		
127	641.9	28.3	42.5#
164	95.7	27.0	40.4#

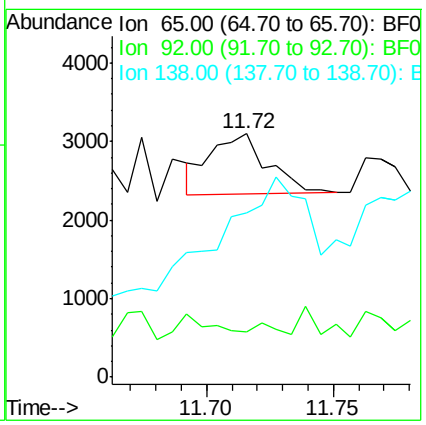


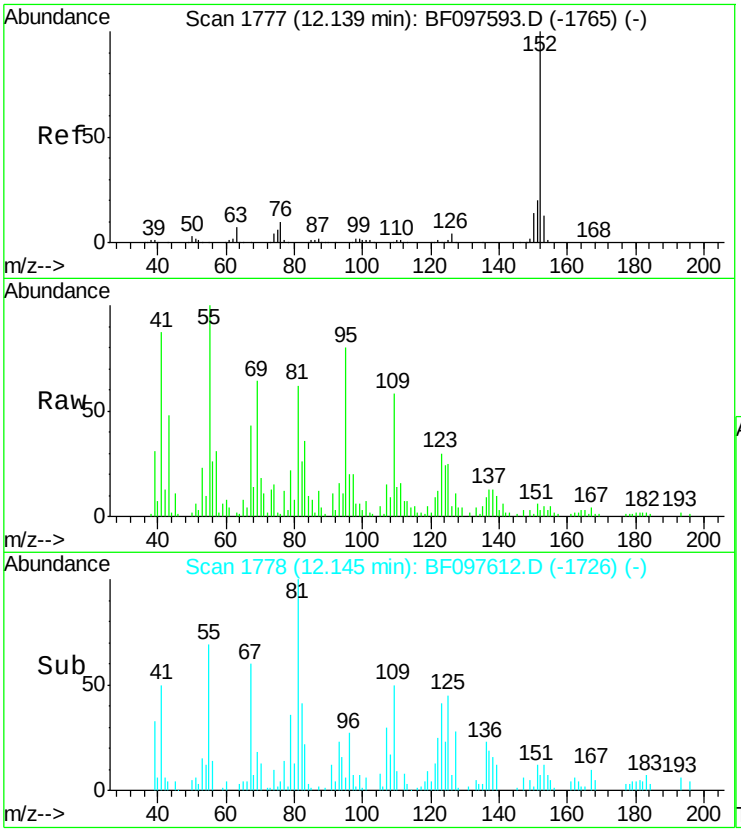


#47
2-Nitroaniline
Concen: 0.43 ng
RT: 11.72 min Scan# 1705
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 65 Resp: 1198

Ion	Ratio	Lower	Upper
65	100		
92	18.8	53.9	80.9#
138	67.5	78.8	118.2#



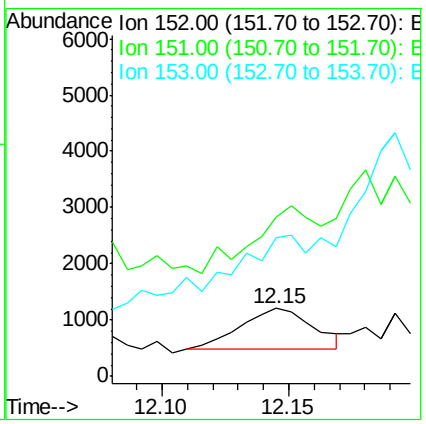


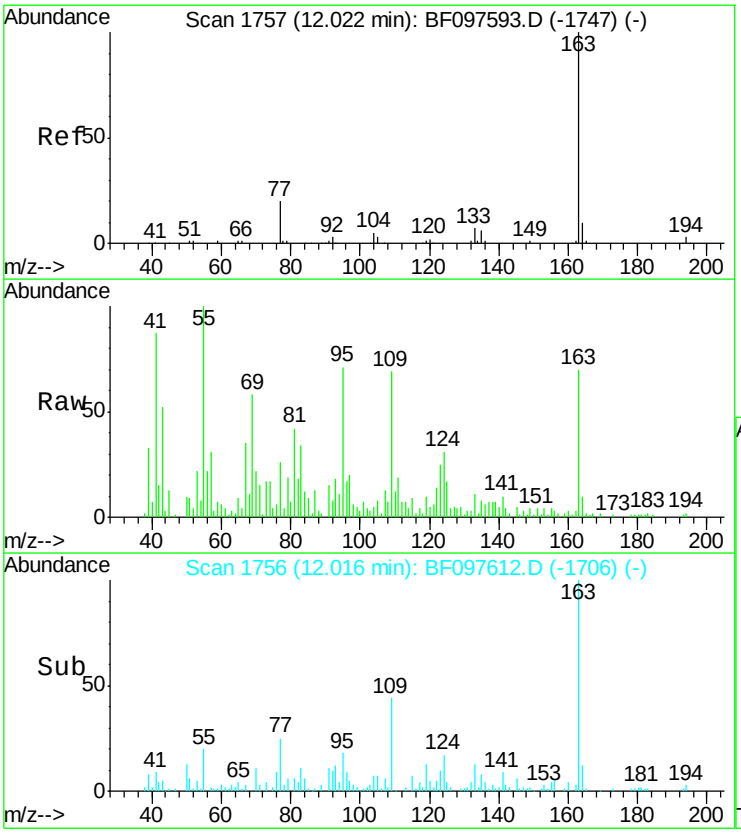
#48
Acenaphthylene
Concen: 0.13 ng
RT: 12.15 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:152 Resp: 1426

Ion	Ratio	Lower	Upper
152	100		
151	234.6	16.8	25.2#
153	205.0	10.8	16.2#

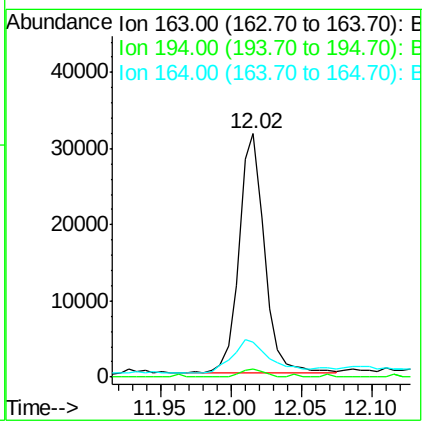


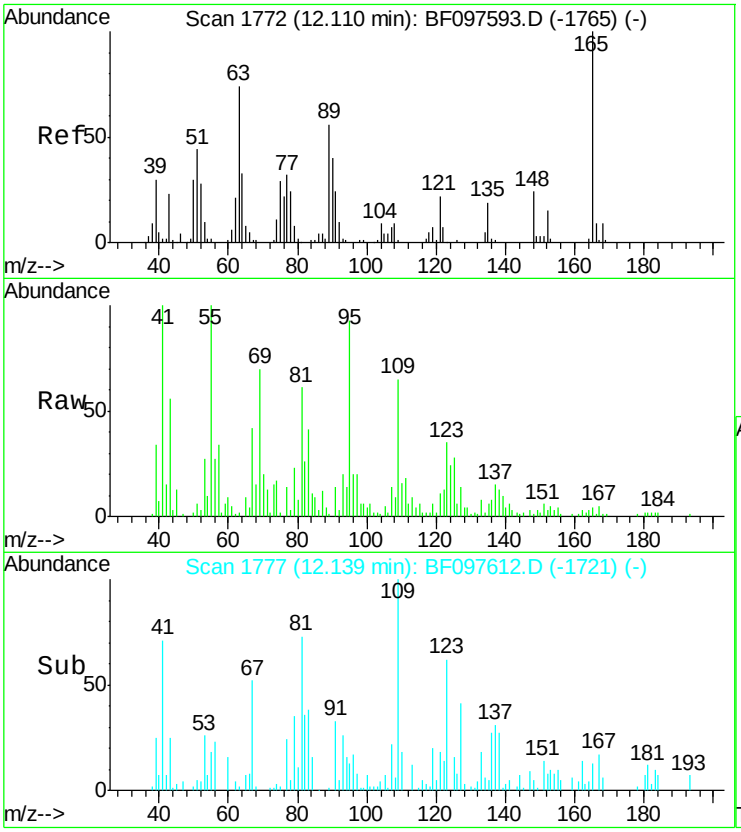


#49
Dimethylphthalate
Concen: 4.79 ng
RT: 12.02 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:163 Resp: 39664

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	14.3	8.4	12.6#



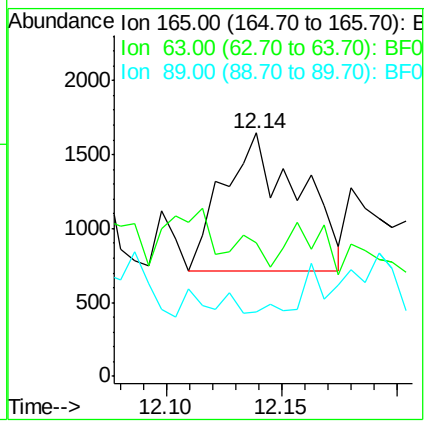


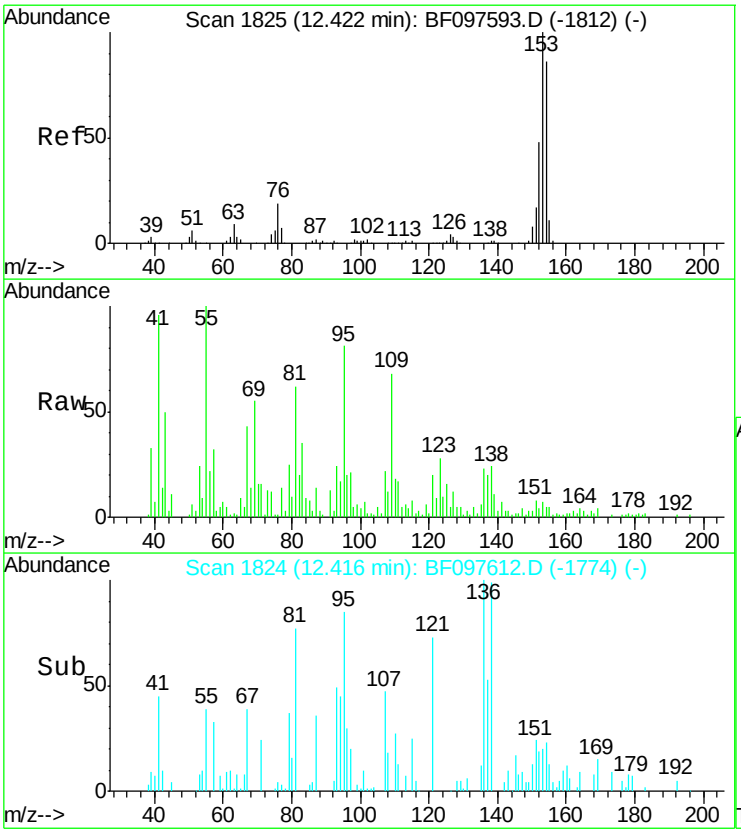
#50
2,6-Dinitrotoluene
Concen: 1.25 ng
RT: 12.14 min Scan# 1777
Delta R.T. 0.03 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:165 Resp: 2131

Ion	Ratio	Lower	Upper
165	100		
63	55.0	34.3	51.5#
89	26.3	37.1	55.7#

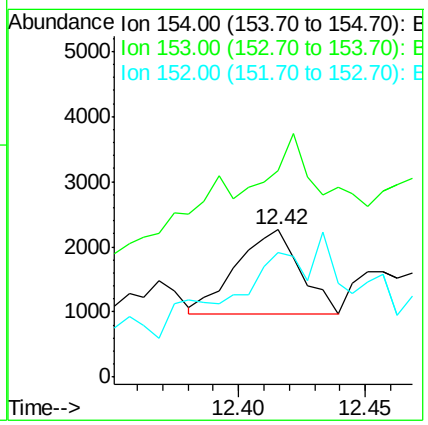


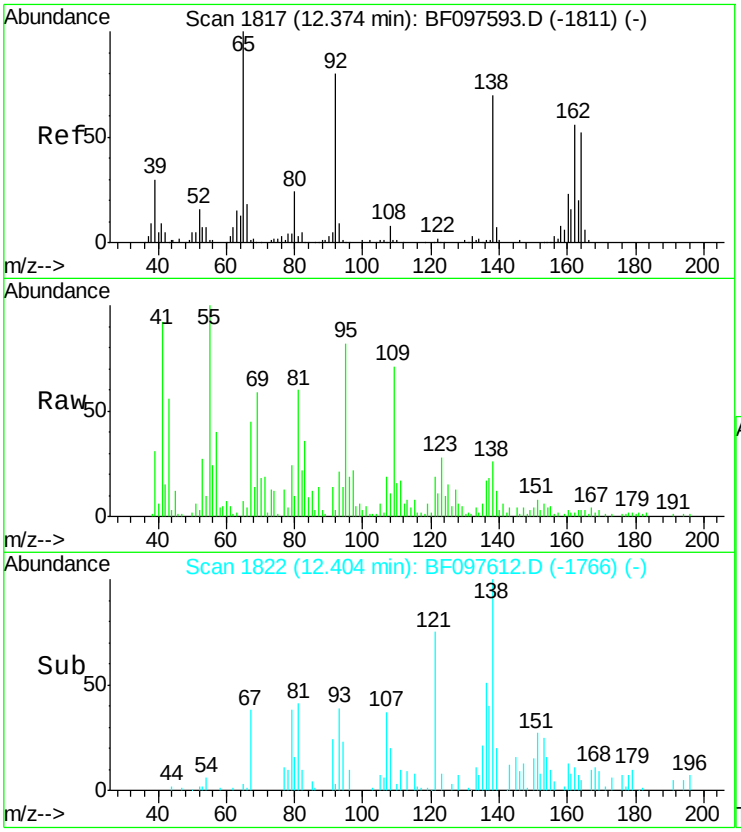


#51
Acenaphthene
Concen: 0.33 ng
RT: 12.42 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:154 Resp: 2255

Ion	Ratio	Lower	Upper
154	100		
153	140.7	90.5	135.7#
152	84.3	43.6	65.4#



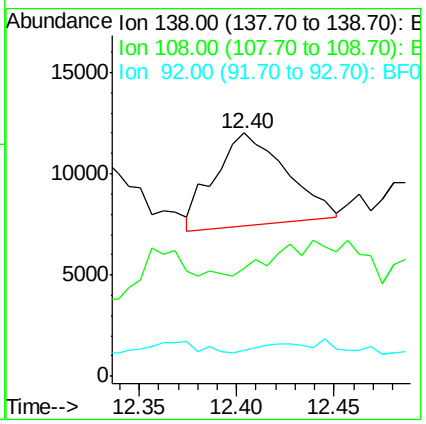


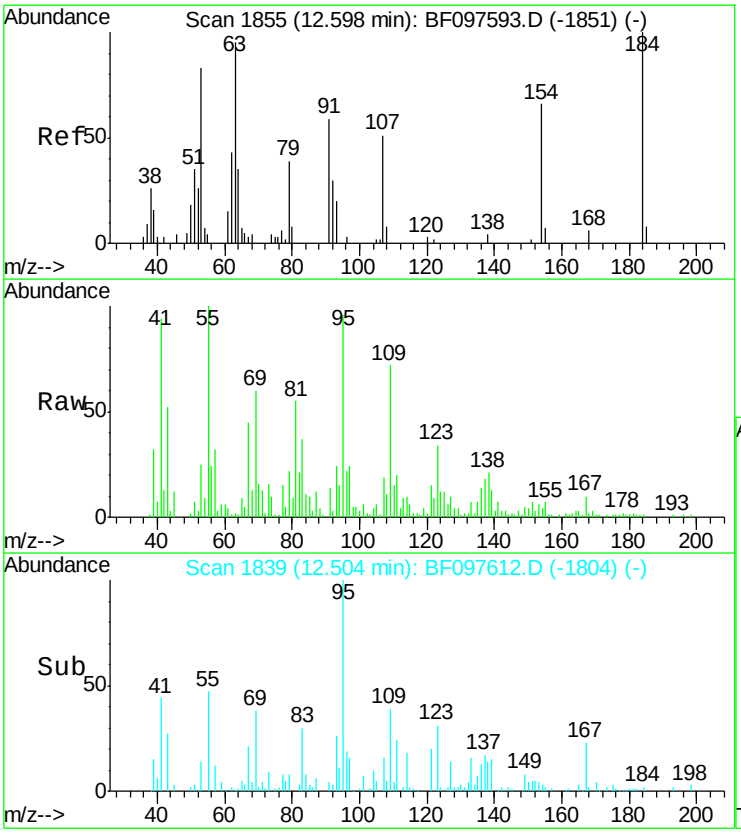
#52
3-Nitroaniline
Concen: 5.27 ng
RT: 12.40 min Scan# 1822
Delta R.T. 0.03 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:138 Resp: 11804

Ion	Ratio	Lower	Upper
138	100		
108	44.3	9.1	13.7#
92	10.8	93.8	140.6#

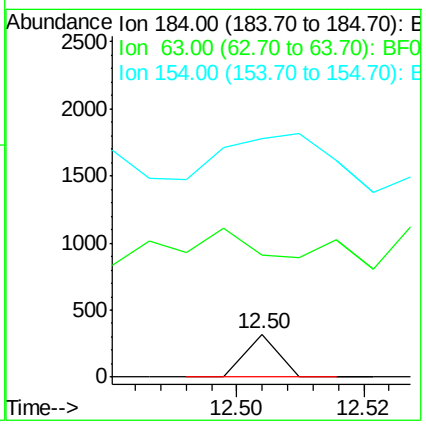


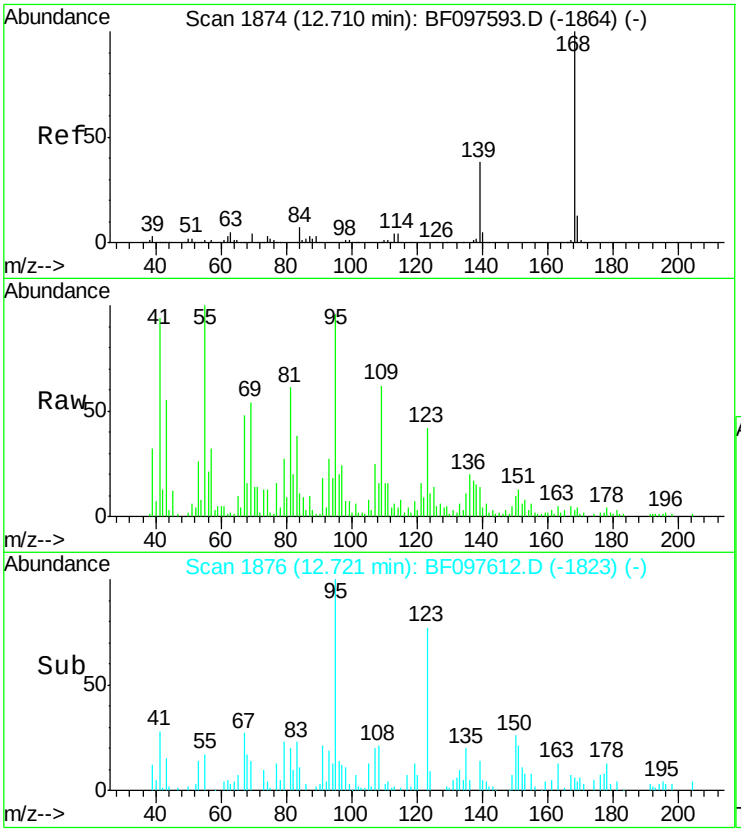


#53
2,4-Dinitrophenol
Concen: 0.16 ng
RT: 12.50 min Scan# 1839
Delta R.T. -0.09 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
63	282.6	62.7	94.1#
154	554.5	81.1	121.7#



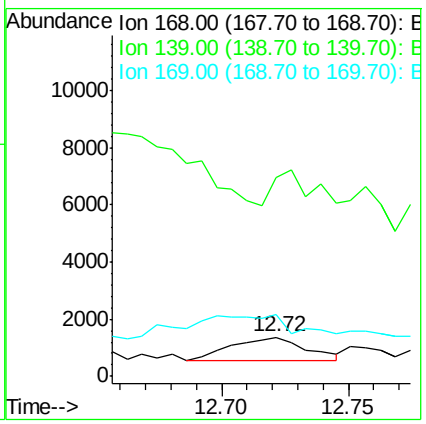


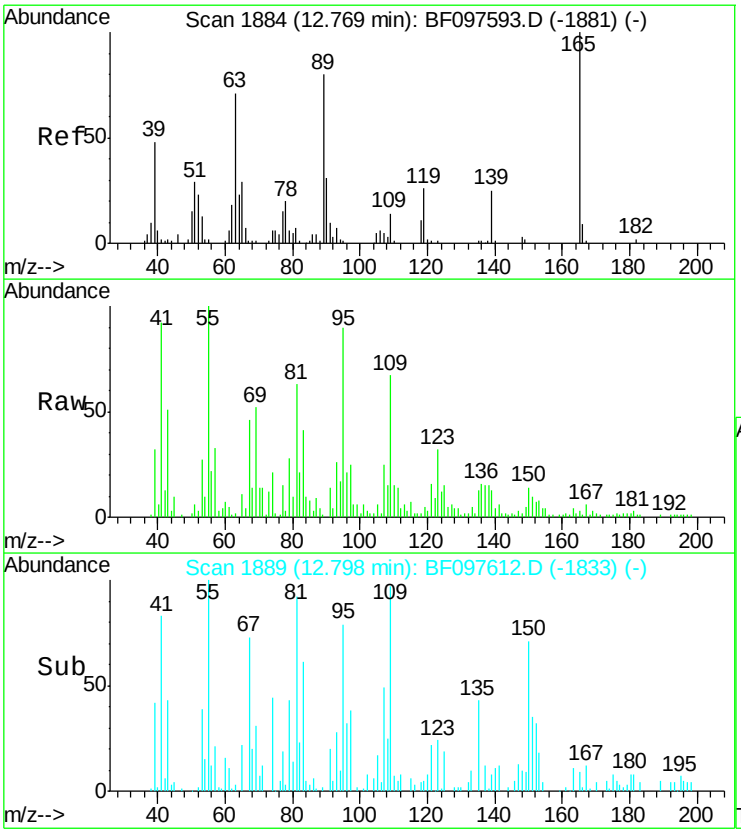
#54
Dibenzofuran
Concen: 0.18 ng
RT: 12.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:168 Resp: 1667

Ion	Ratio	Lower	Upper
168	100		
139	513.3	30.6	45.8#
169	159.1	10.8	16.2#

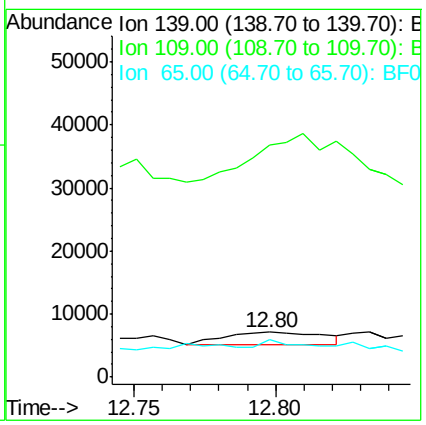


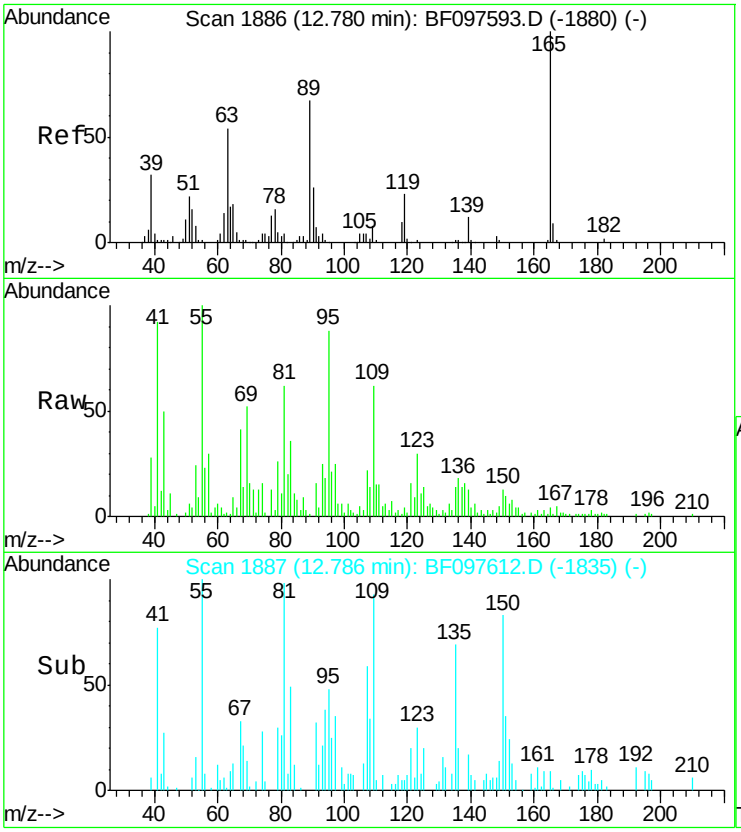


#55
4-Nitrophenol
Concen: 5.97 ng
RT: 12.80 min Scan# 1889
Delta R.T. 0.03 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:139 Resp: 5089

Ion	Ratio	Lower	Upper
139	100		
109	514.5	34.1	74.1#
65	83.3	31.4	71.4#



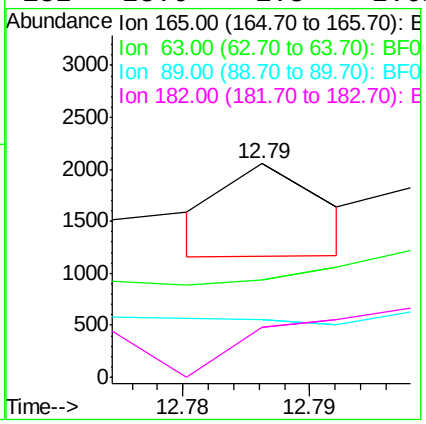


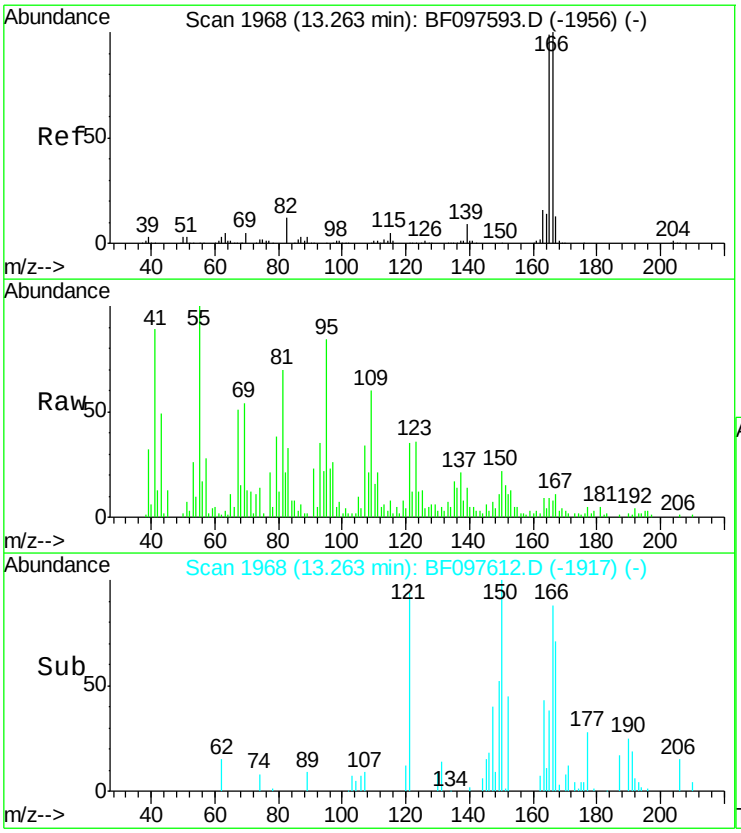
#56
2,4-Dinitrotoluene
Concen: 0.21 ng
RT: 12.79 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:165 Resp: 484

Ion	Ratio	Lower	Upper
165	100		
63	45.3	25.4	38.0#
89	27.1	46.4	69.6#
182	23.6	1.8	2.6#

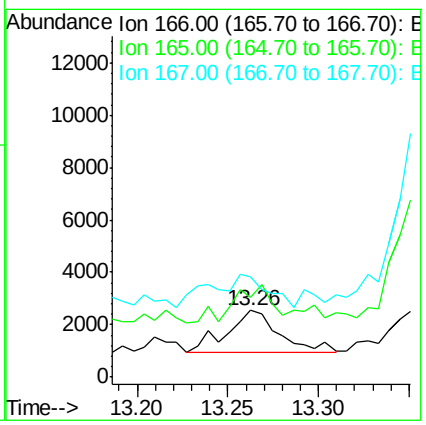


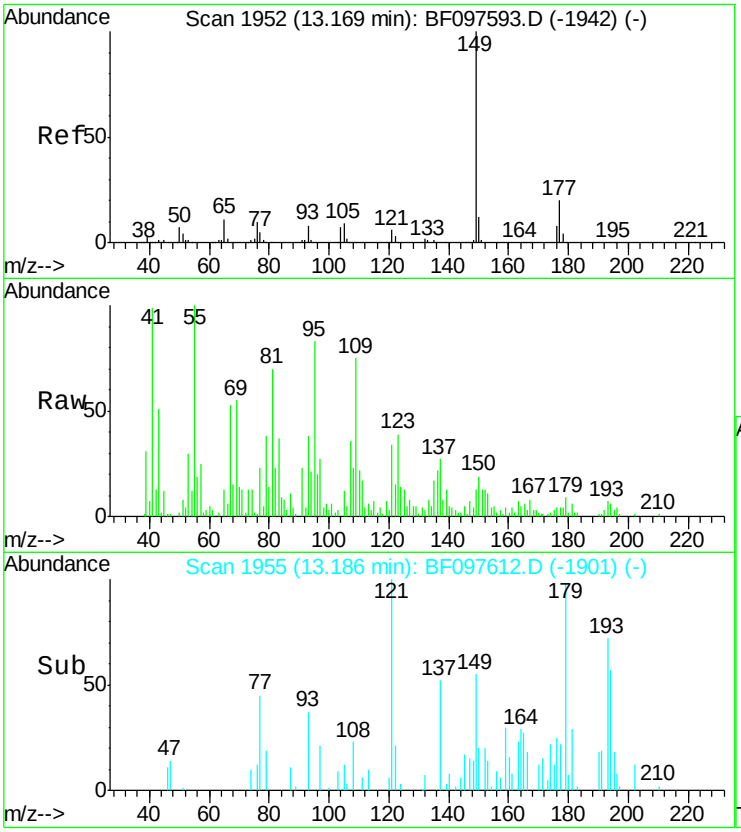


#57
Fluorene
Concen: 0.41 ng
RT: 13.26 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:166 Resp: 3204

Ion	Ratio	Lower	Upper
166	100		
165	120.5	78.8	118.2#
167	150.3	10.6	16.0#



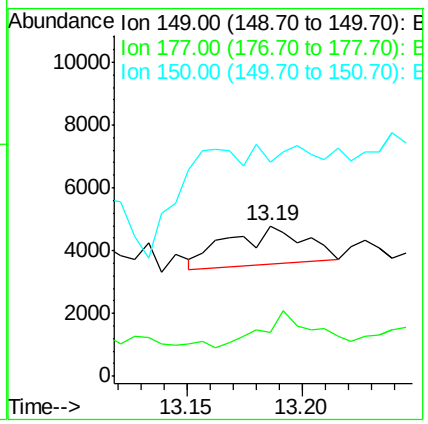


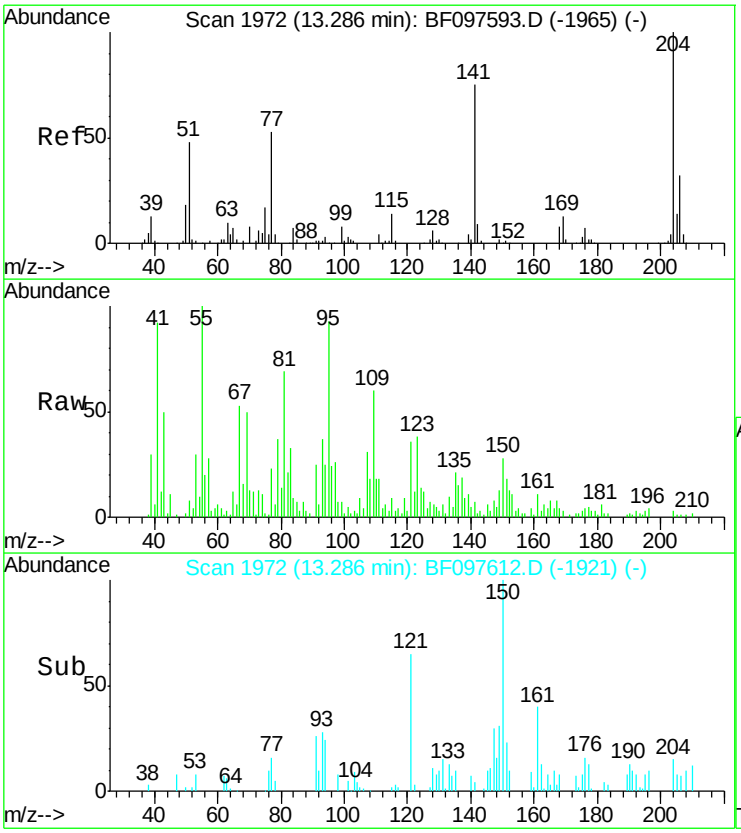
#59
Diethylphthalate
Concen: 0.36 ng
RT: 13.19 min Scan# 1955
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:149 Resp: 2787

Ion	Ratio	Lower	Upper
149	100		
177	29.3	16.7	25.1#
150	142.6	10.2	15.2#

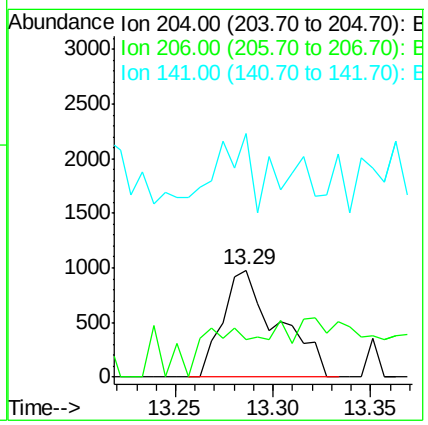


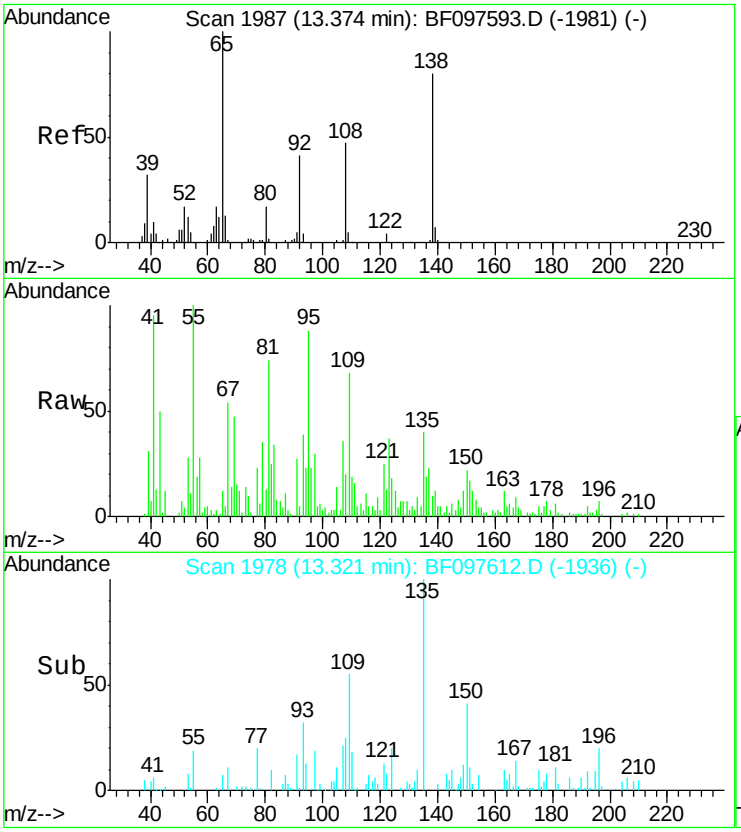


#60
4-Chlorophenyl-phenylether
Concen: 0.58 ng
RT: 13.29 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:204 Resp: 1918

Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.2	39.2
141	228.2	60.8	91.2#



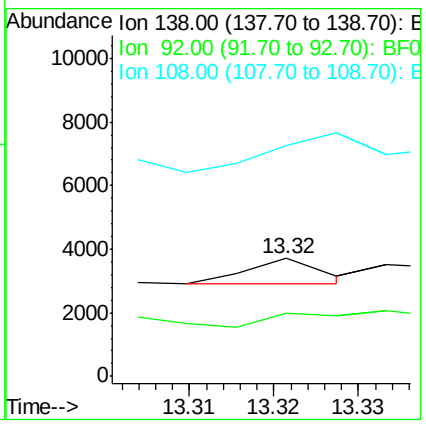


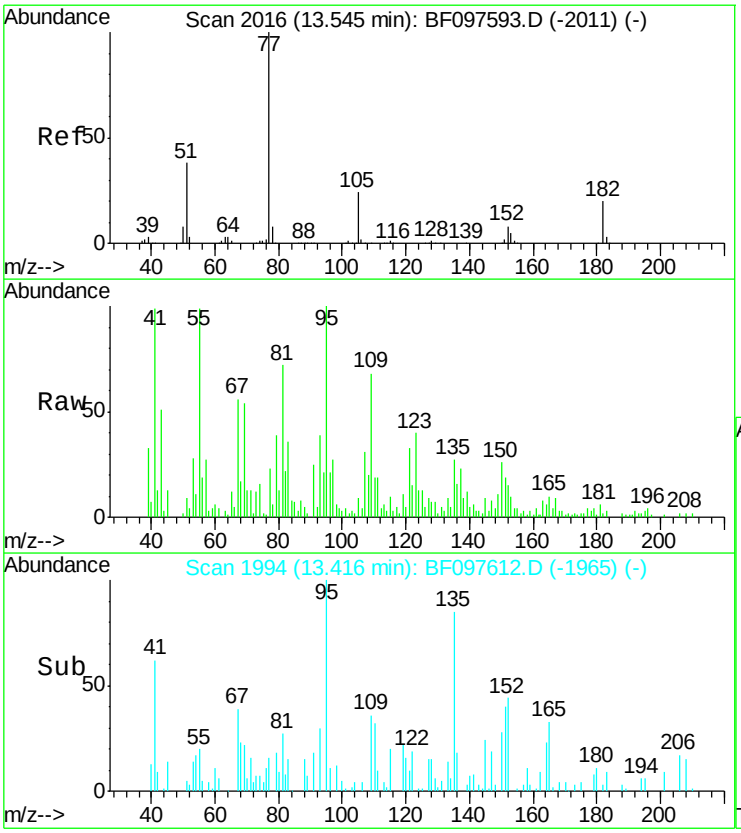
#61
4-Nitroaniline
Concen: 0.23 ng
RT: 13.32 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:138 Resp: 491

Ion	Ratio	Lower	Upper
138	100		
92	53.0	21.8	61.8
108	195.8	42.3	82.3#

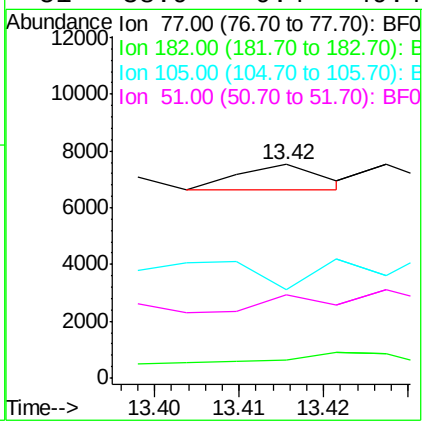


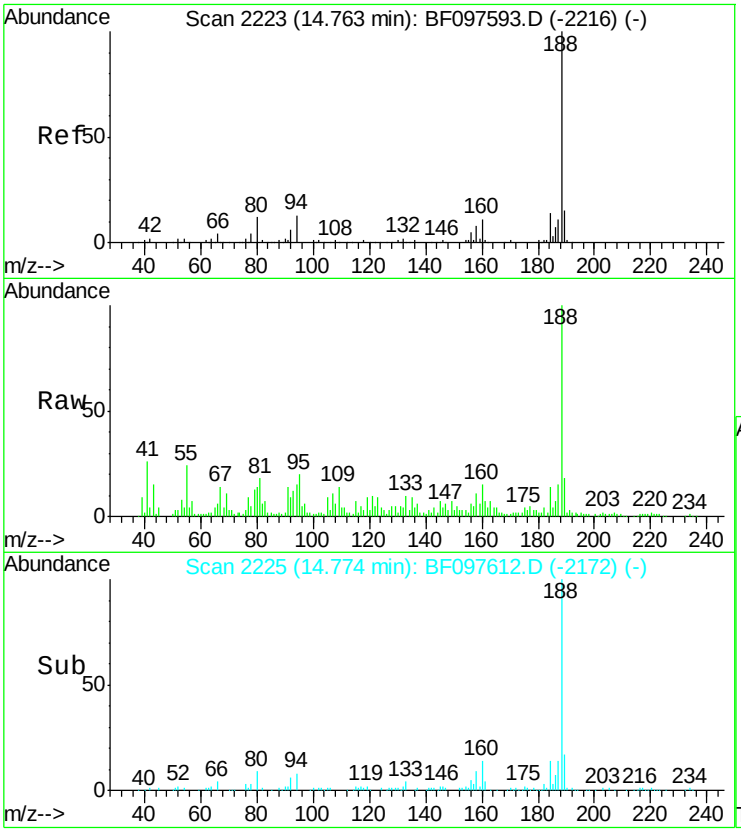


#62
Azobenzene
Concen: 0.08 ng
RT: 13.42 min Scan# 1994
Delta R.T. -0.13 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion: 77 Resp: 626

Ion	Ratio	Lower	Upper
77	100		
182	8.3	0.1	40.1
105	41.6	3.6	43.6
51	38.9	9.4	49.4



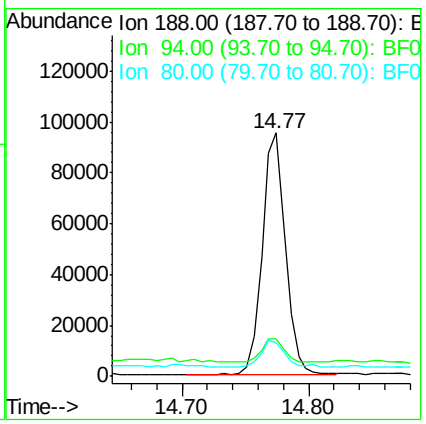


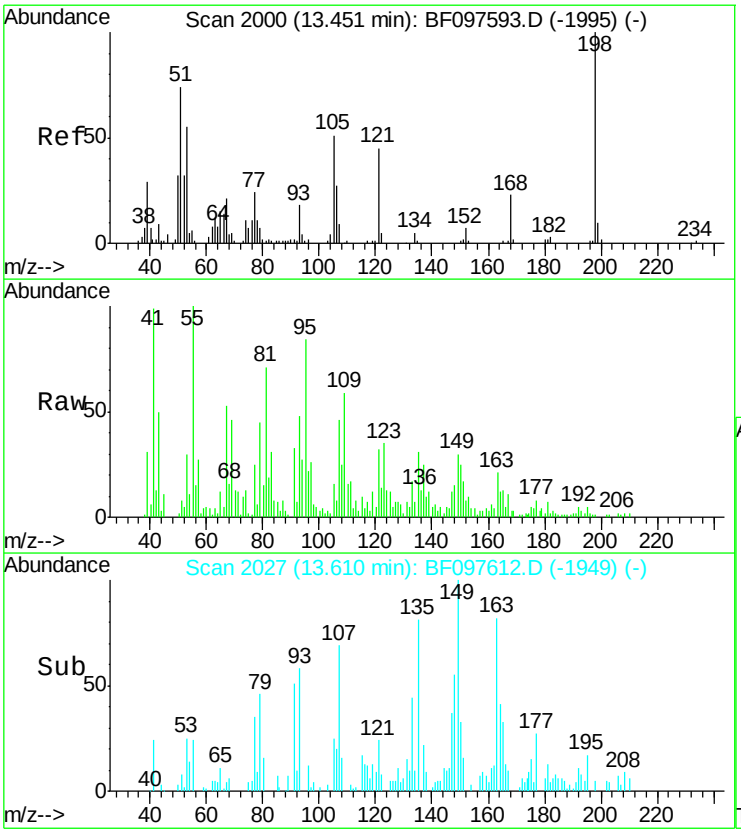
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:188 Resp: 122668

Ion	Ratio	Lower	Upper
188	100		
94	15.2	9.4	14.2#
80	13.7	10.2	15.2

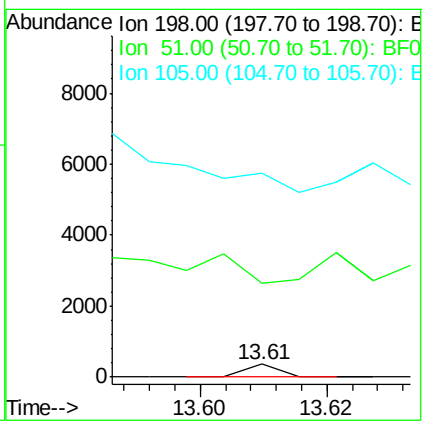


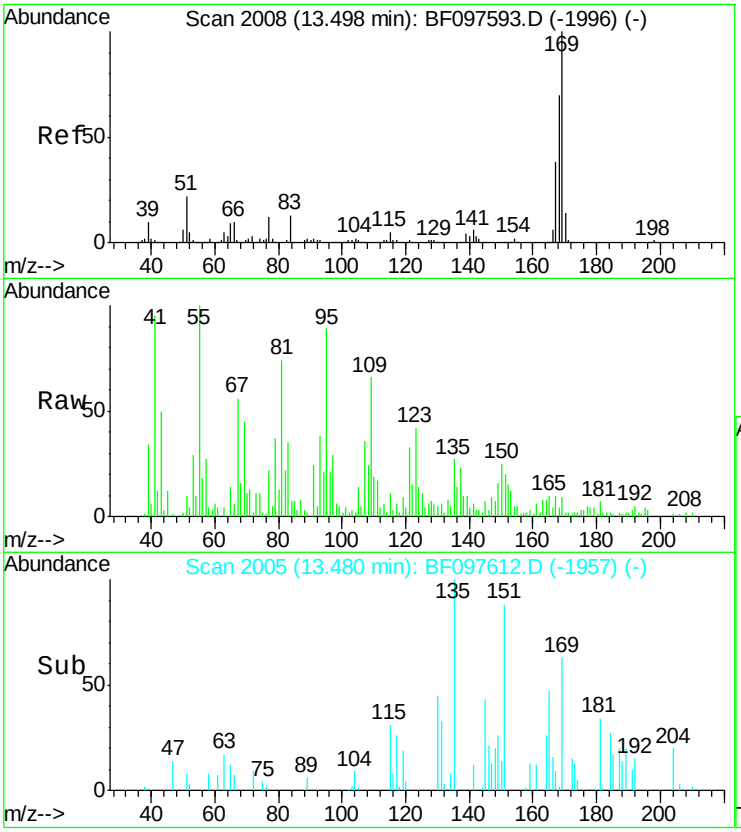


#64
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 13.61 min Scan# 2027
Delta R.T. 0.16 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	728.8	53.2	93.2#
105	1574.7	45.8	85.8#



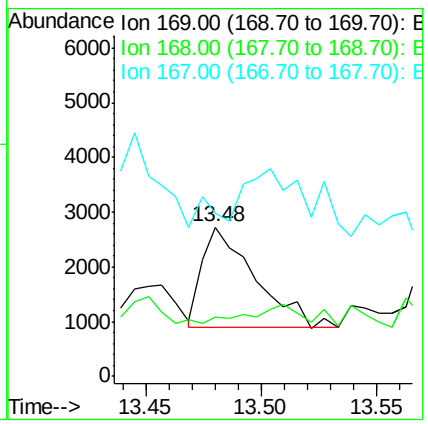


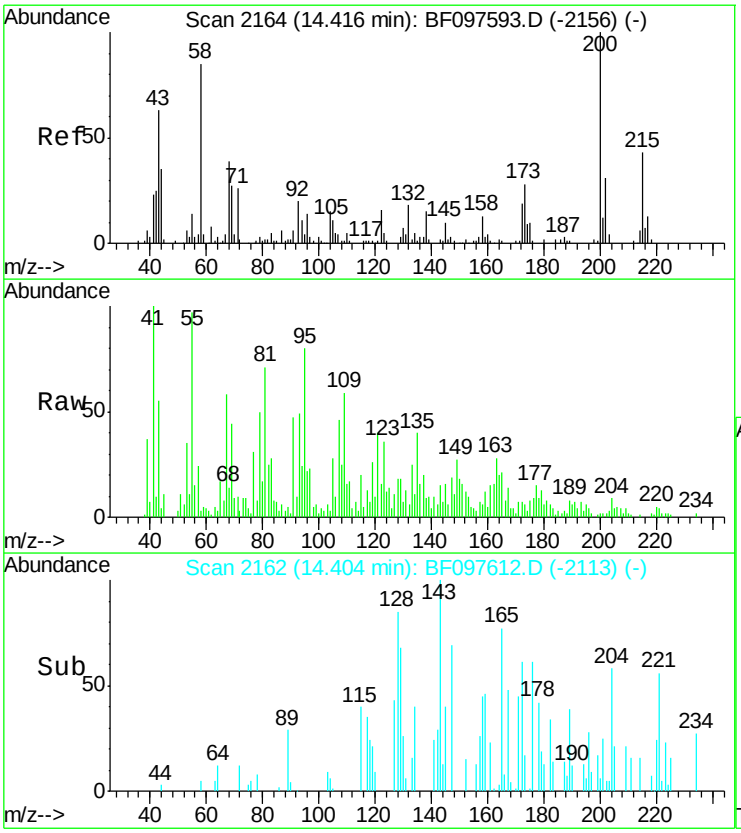
#65
n-Nitrosodiphenylamine
Concen: 0.64 ng
RT: 13.48 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:169 Resp: 2898

Ion	Ratio	Lower	Upper
169	100		
168	39.9	53.2	79.8#
167	108.9	29.5	44.3#

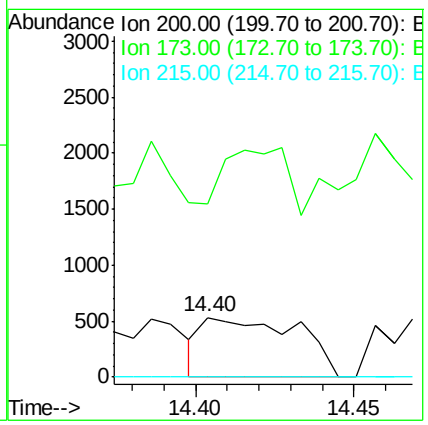


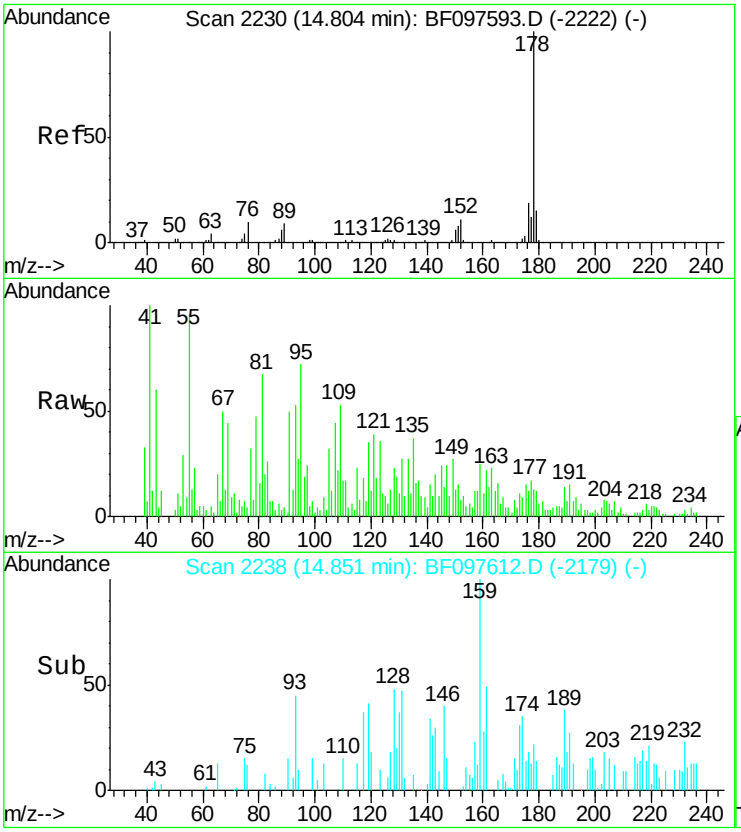


#68
Atrazine
Concen: 0.98 ng
RT: 14.40 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:200 Resp: 1109

Ion	Ratio	Lower	Upper
200	100		
173	289.8	6.3	46.3#
215	0.0	27.2	67.2#



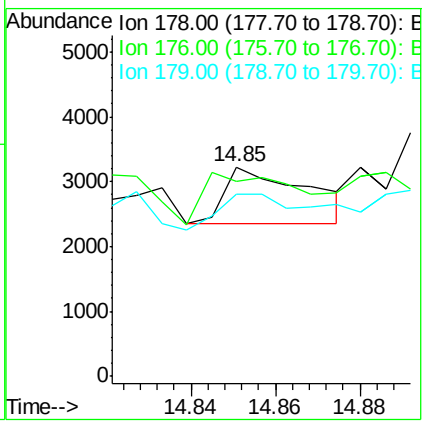


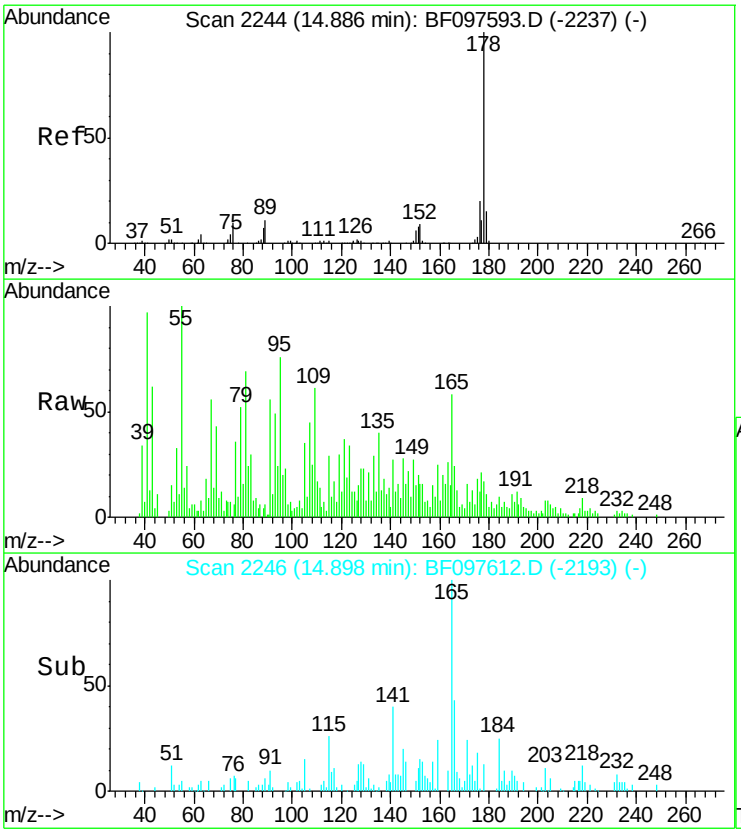
#70
Phenanthrene
Concen: 0.16 ng
RT: 14.85 min Scan# 2238
Delta R.T. 0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:178 Resp: 1146

Ion	Ratio	Lower	Upper
178	100		
176	92.9	16.2	24.4#
179	87.2	12.6	19.0#

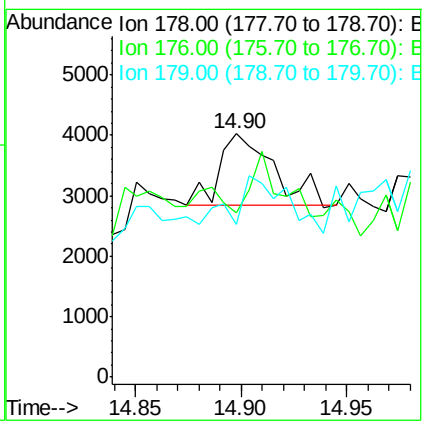


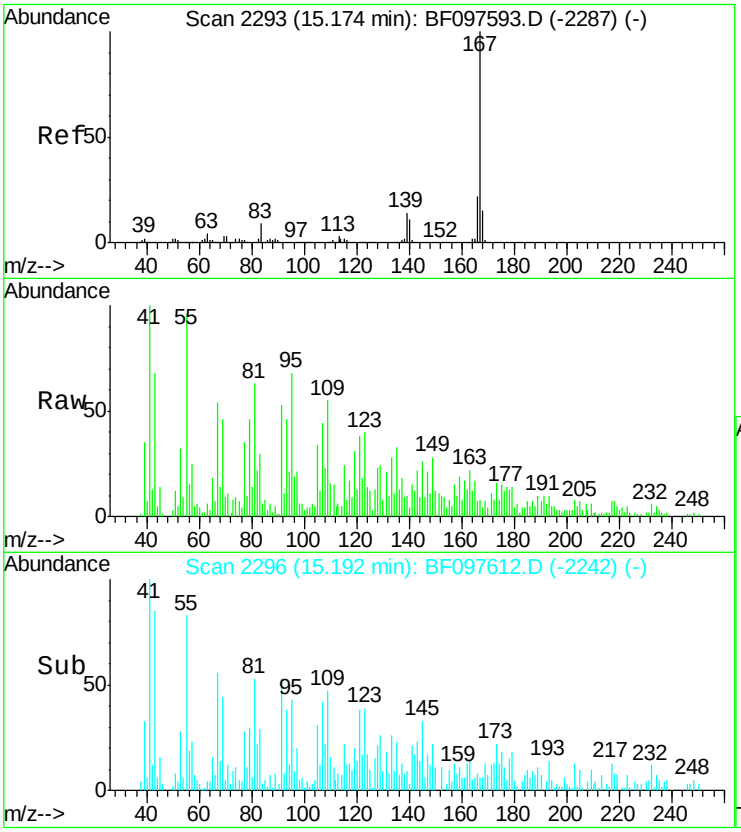


#71
Anthracene
Concen: 0.29 ng
RT: 14.90 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:178 Resp: 2108

Ion	Ratio	Lower	Upper
178	100		
176	67.6	15.8	23.8#
179	62.6	12.7	19.1#



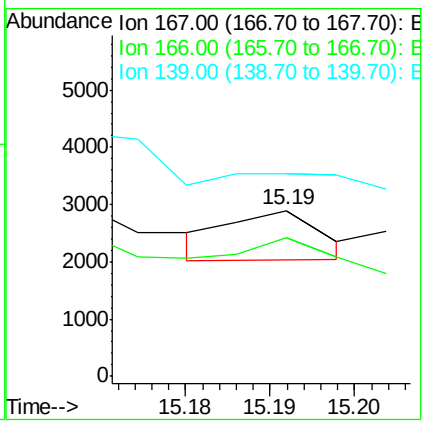


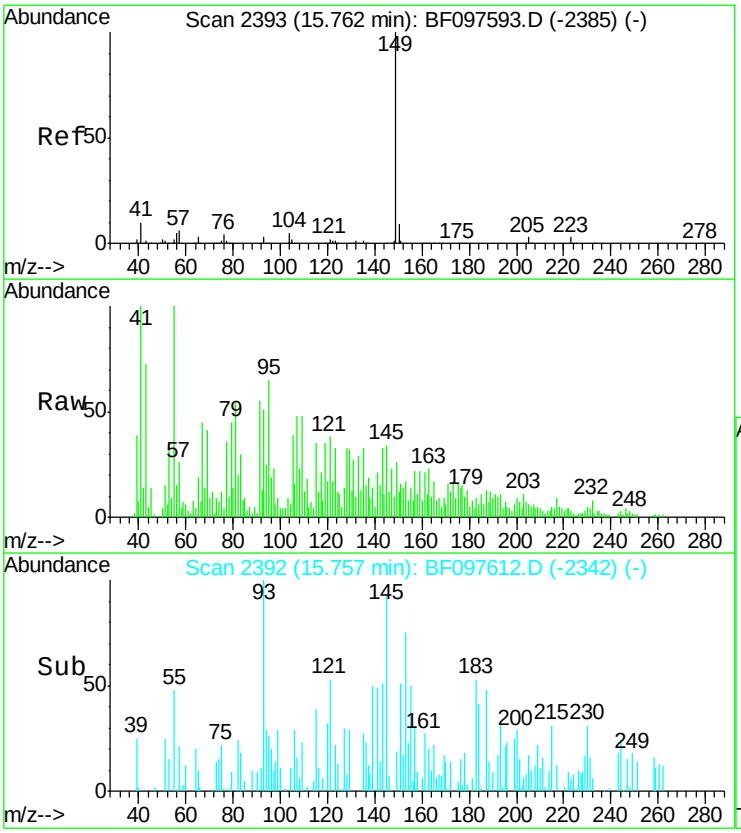
#72
Carbazole
Concen: 0.09 ng
RT: 15.19 min Scan# 2296
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:167 Resp: 650

Ion	Ratio	Lower	Upper
167	100		
166	83.8	18.1	27.1#
139	122.0	11.7	17.5#

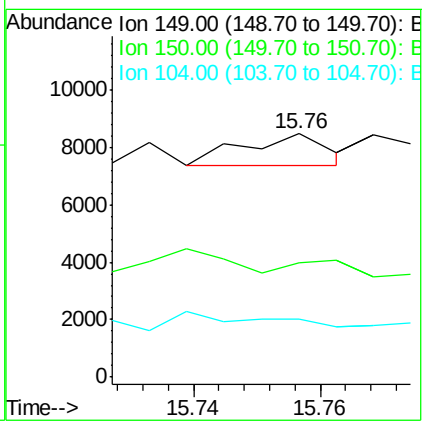


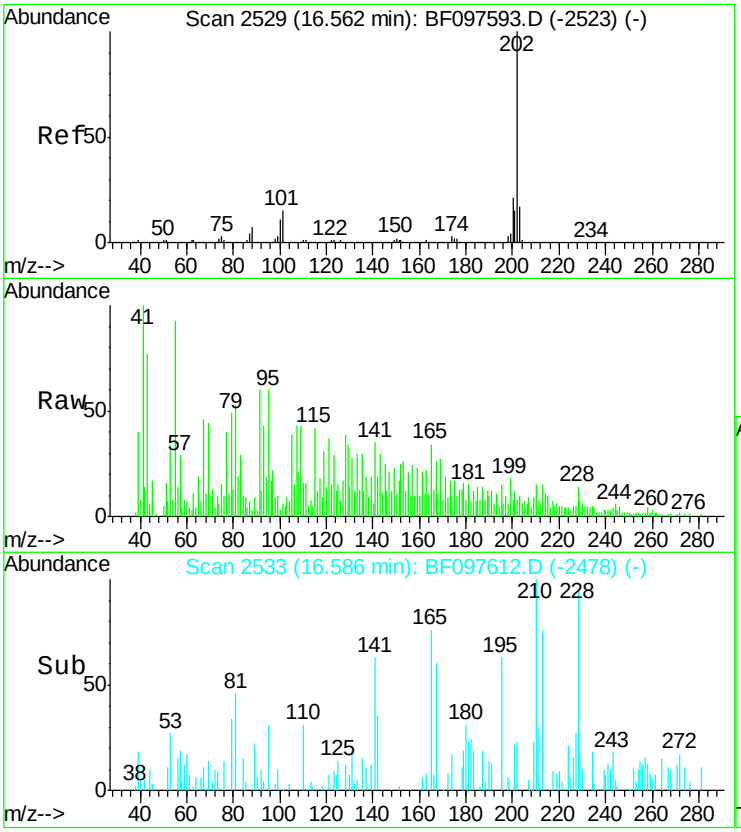


#73
Di-n-butylphthalate
Concen: 0.12 ng
RT: 15.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:149 Resp: 995

Ion	Ratio	Lower	Upper
149	100		
150	47.1	7.7	11.5#
104	23.9	4.0	6.0#



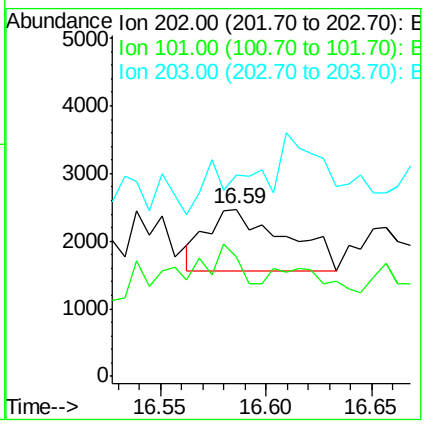


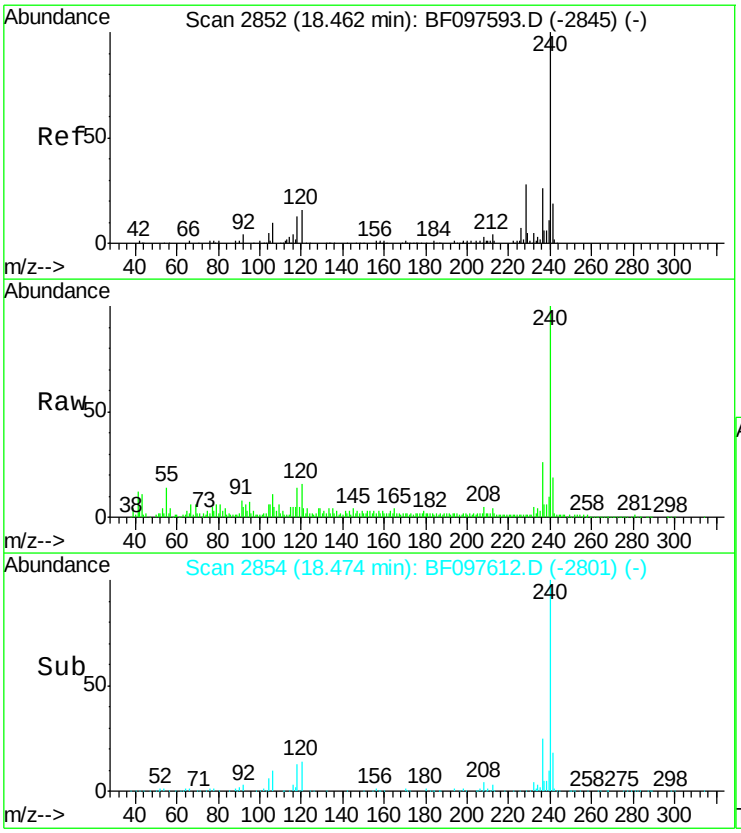
#74
Fluoranthene
Concen: 0.37 ng
RT: 16.59 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:202 Resp: 2369

Ion	Ratio	Lower	Upper
202	100		
101	71.3	0.0	33.2#
203	120.6	0.0	38.1#

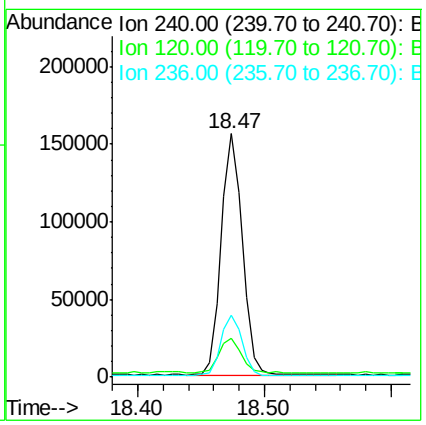


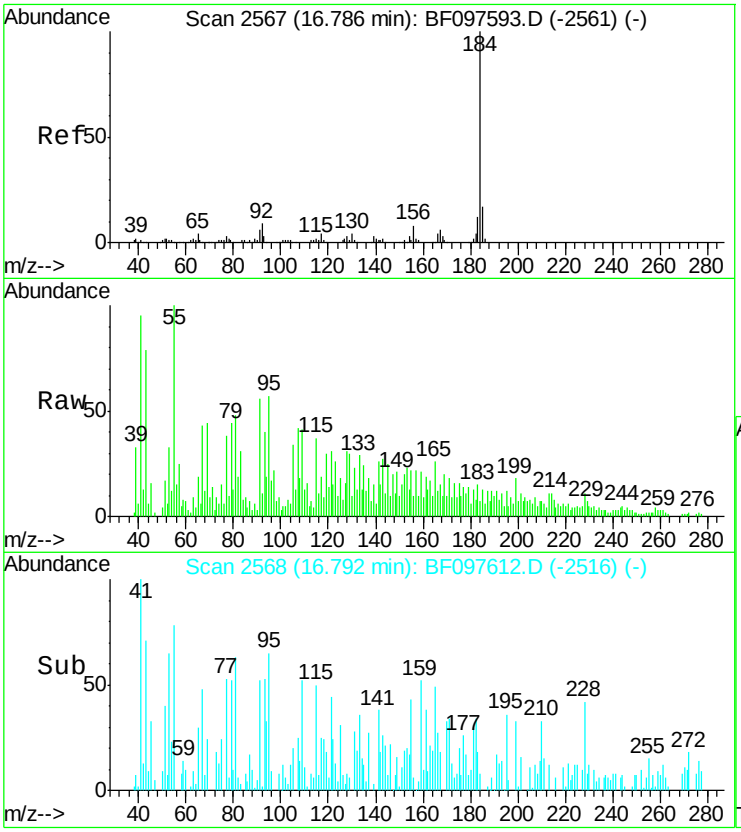


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:240 Resp: 180051

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.7	20.5	30.7



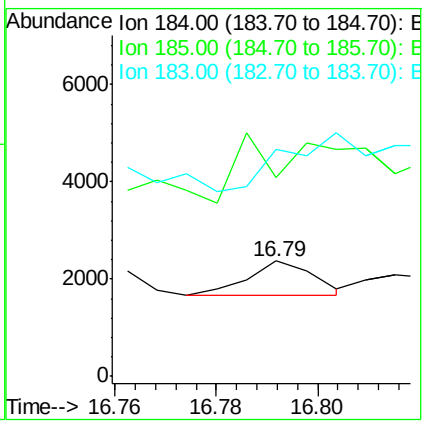


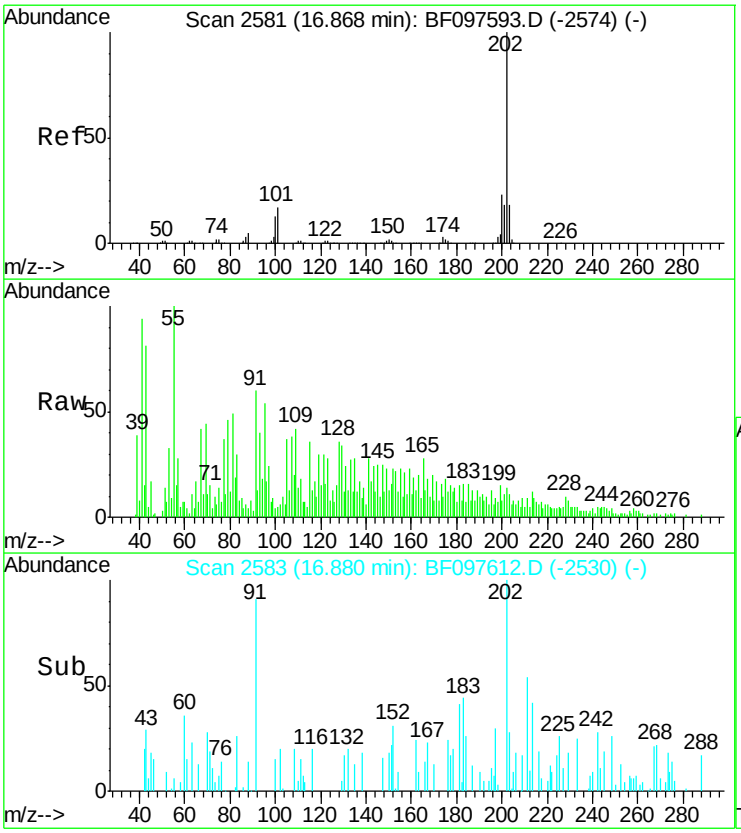
#76
Benzidine
Concen: 0.11 ng
RT: 16.79 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:184 Resp: 653

Ion	Ratio	Lower	Upper
184	100		
185	172.3	15.5	23.3#
183	197.2	9.8	14.6#

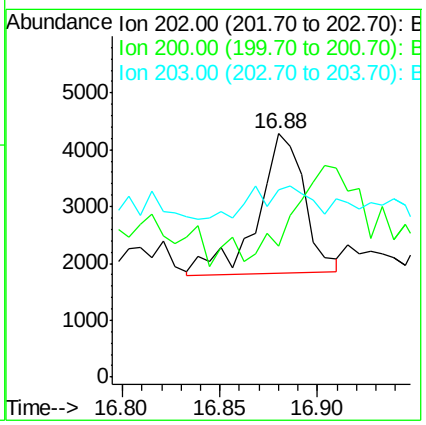


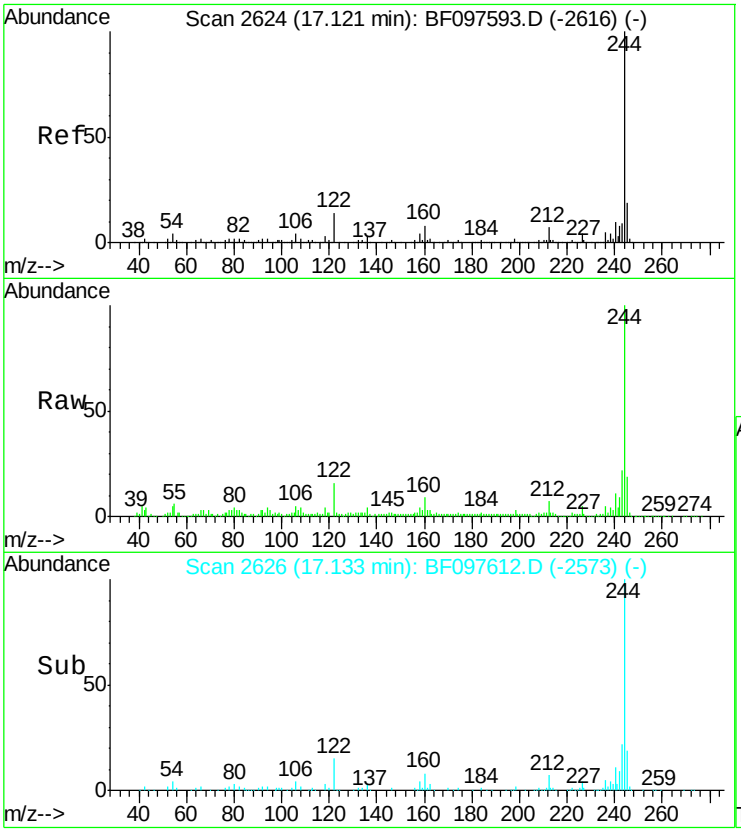


#77
Pyrene
Concen: 0.27 ng
RT: 16.88 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:202 Resp: 4067

Ion	Ratio	Lower	Upper
202	100		
200	53.6	17.6	26.4#
203	77.0	14.4	21.6#



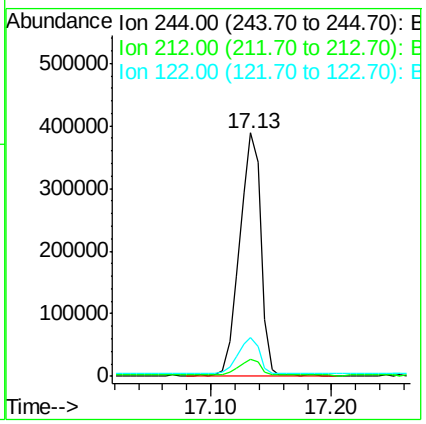


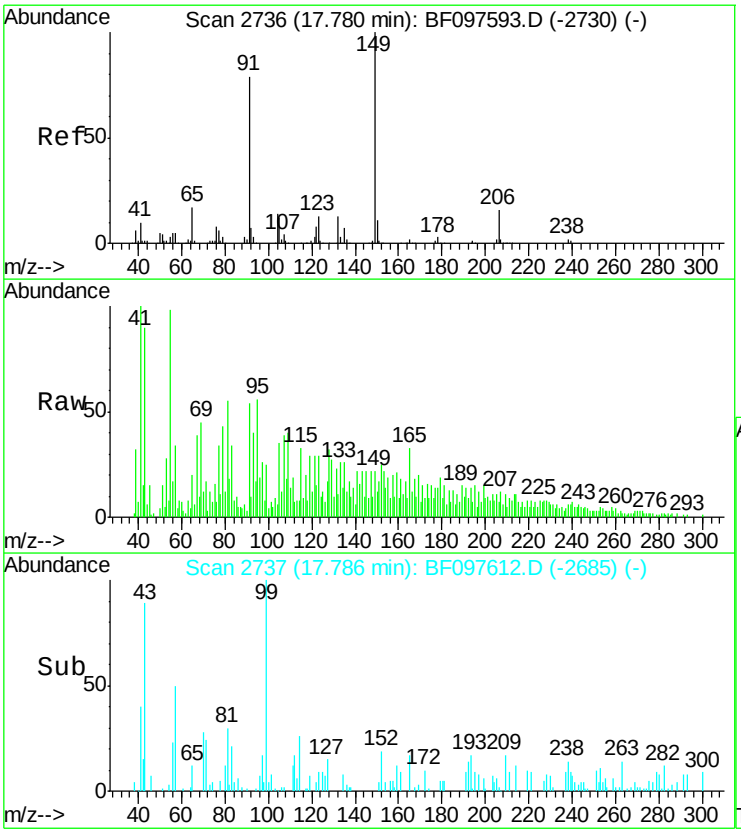
#78
Terphenyl-d14
Concen: 54.55 ng
RT: 17.13 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:244 Resp: 474522

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.9	10.3	15.5#

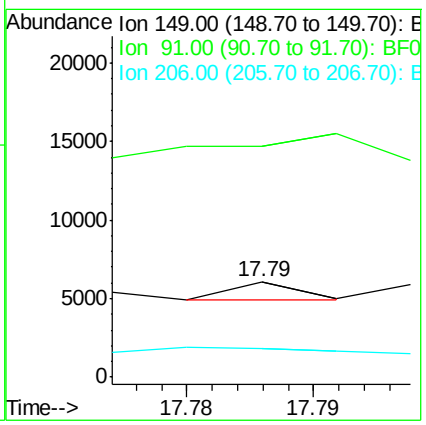


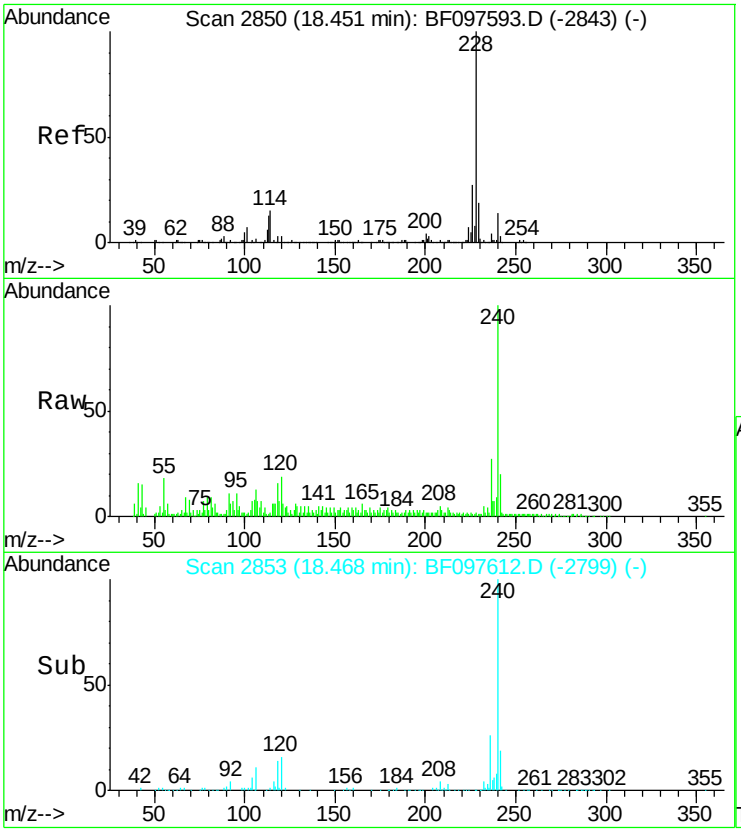


#79
Butylbenzylphthalate
Concen: 0.07 ng
RT: 17.79 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:149 Resp: 429

Ion	Ratio	Lower	Upper
149	100		
91	242.4	45.0	67.4#
206	29.9	17.0	25.6#



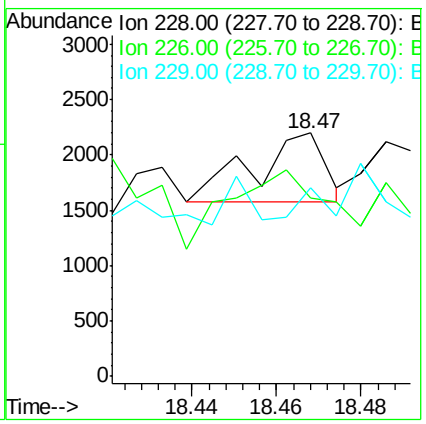


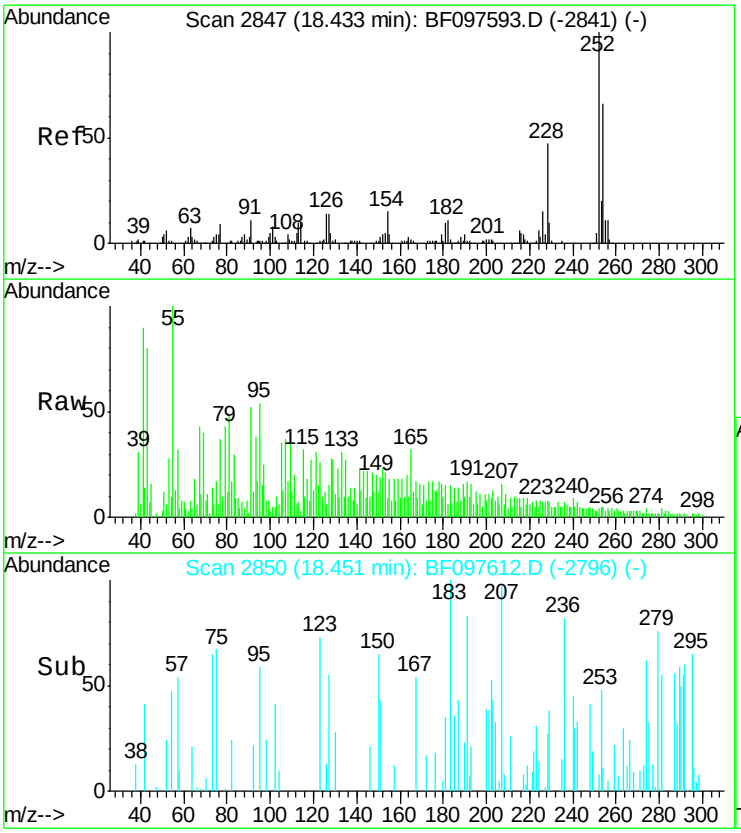
#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 18.47 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:228 Resp: 734

Ion	Ratio	Lower	Upper
228	100		
226	73.4	22.6	33.8#
229	77.7	16.3	24.5#

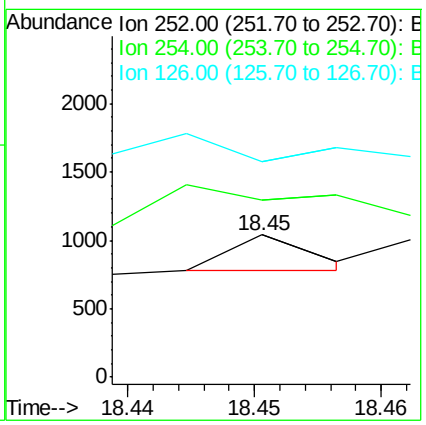


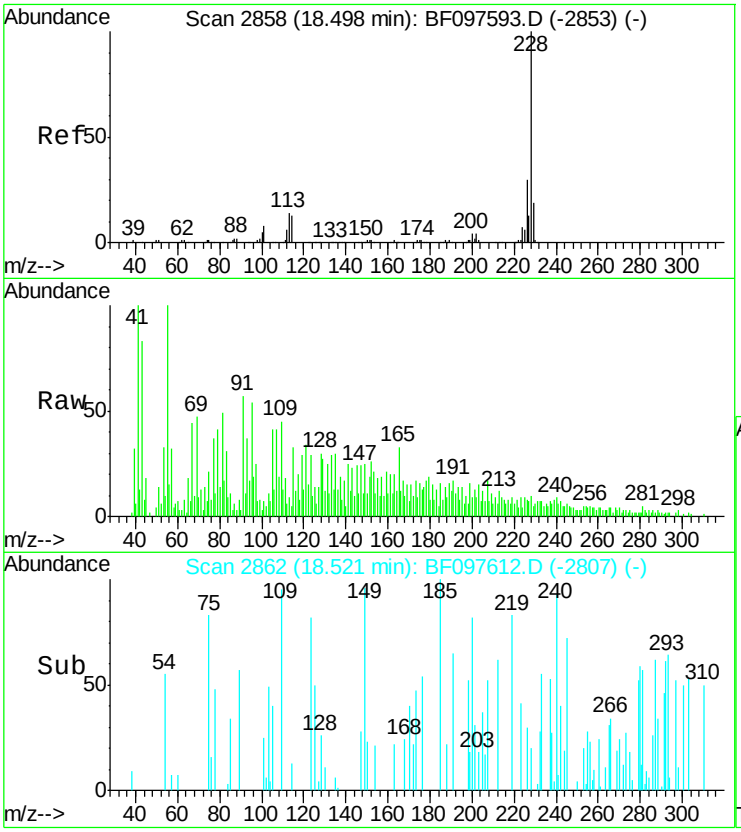


#81
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 18.45 min Scan# 2850
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:252 Resp: 113

Ion	Ratio	Lower	Upper
252	100		
254	124.6	51.5	77.3#
126	151.6	15.8	23.8#



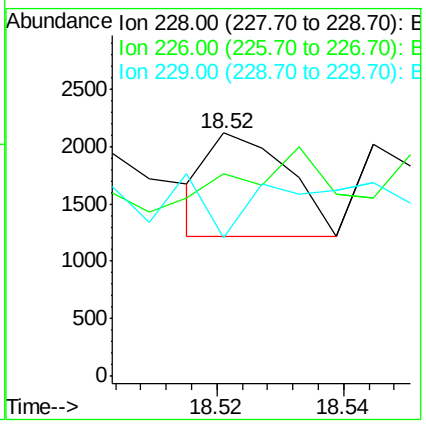


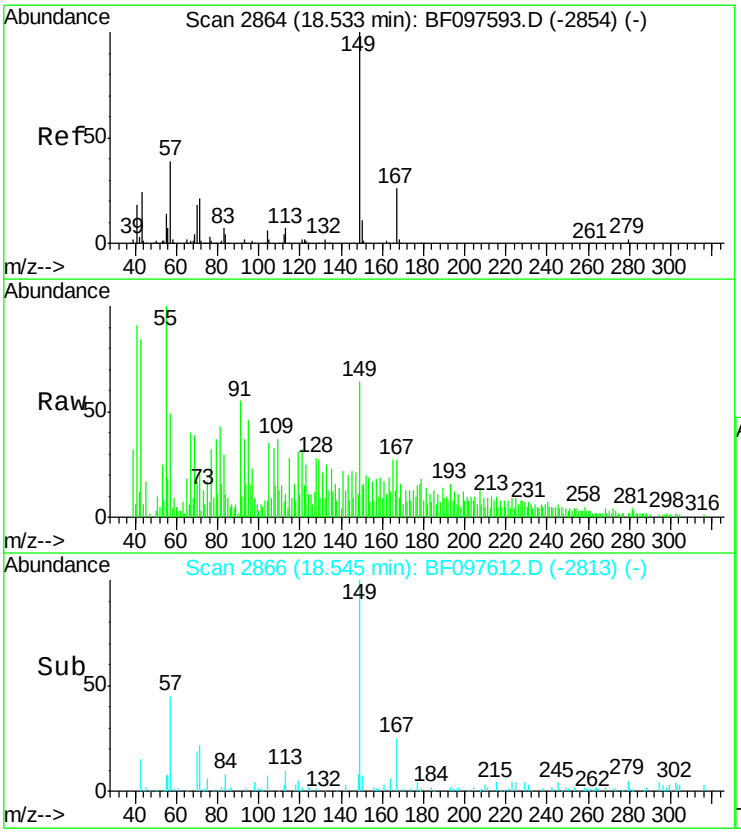
#82
Chrysene
Concen: 0.07 ng
RT: 18.52 min Scan# 2862
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:228 Resp: 768

Ion	Ratio	Lower	Upper
228	100		
226	83.1	24.9	37.3#
229	56.8	15.8	23.6#

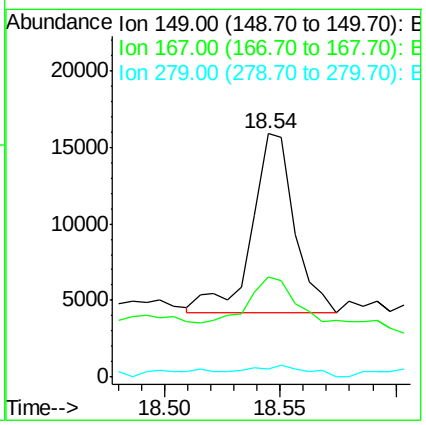


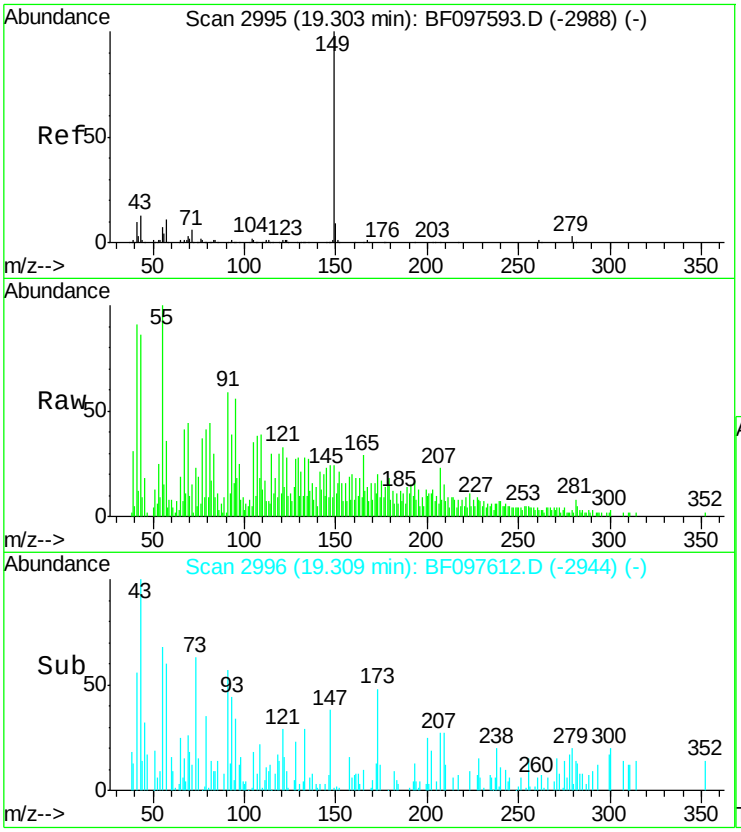


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.70 ng
RT: 18.54 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:149 Resp: 15022

Ion	Ratio	Lower	Upper
149	100		
167	41.4	21.0	31.4#
279	3.2	1.9	2.9#



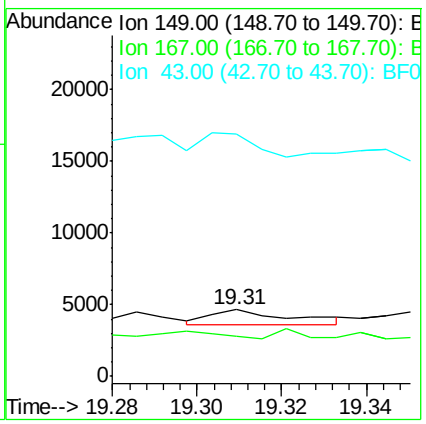


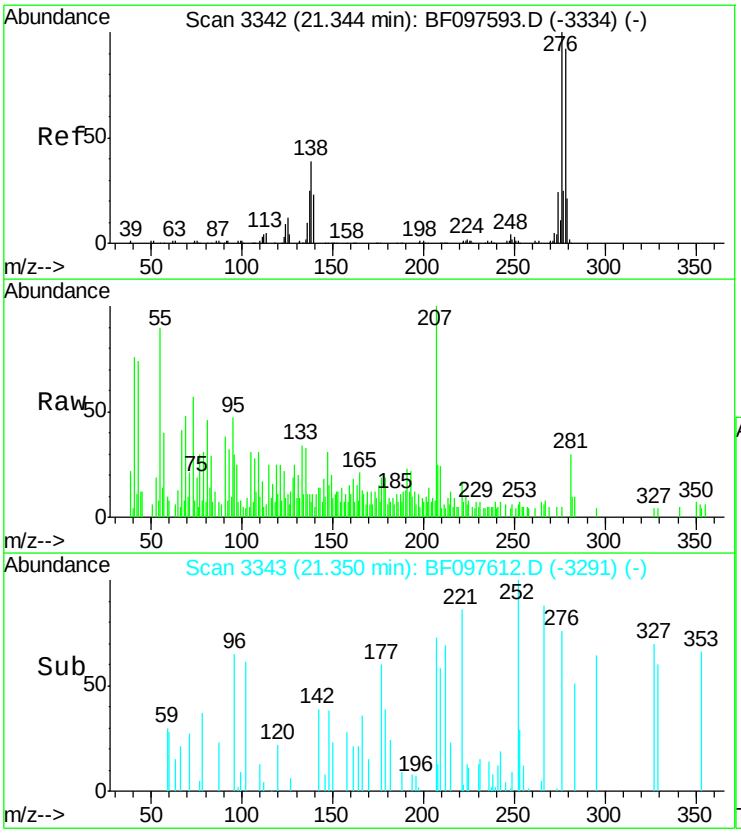
#84
Di-n-octyl phthalate
Concen: 0.09 ng
RT: 19.31 min Scan# 2996
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:149 Resp: 1376

Ion	Ratio	Lower	Upper
149	100		
167	24.9	1.2	1.8#
43	0.0	8.5	12.7#

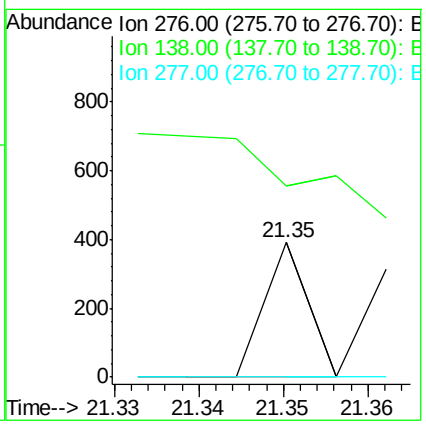


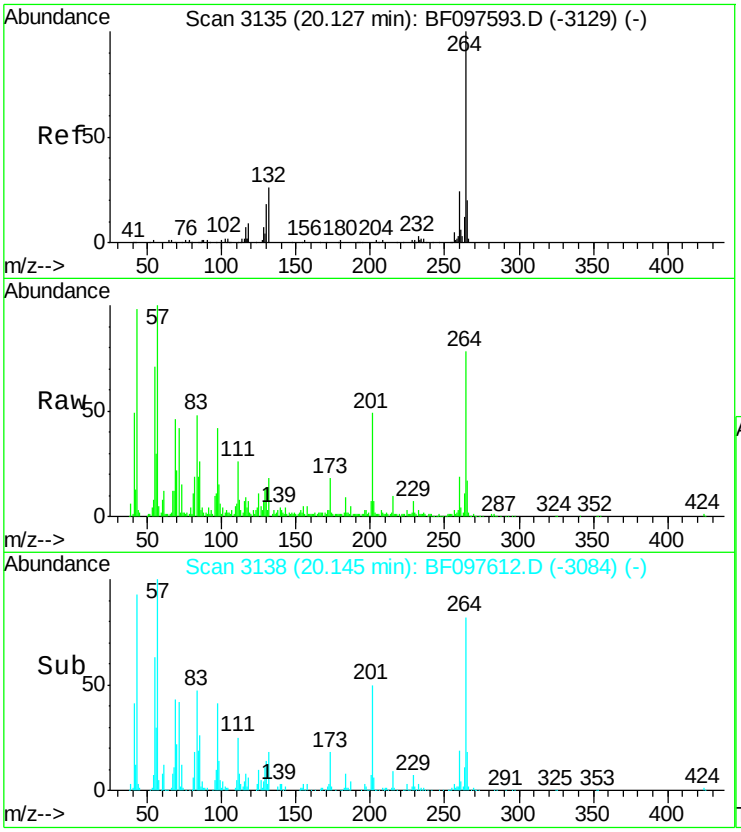


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 21.35 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:276 Resp: 138

Ion	Ratio	Lower	Upper
276	100		
138	265.2	27.8	41.6#
277	0.0	20.2	30.4#



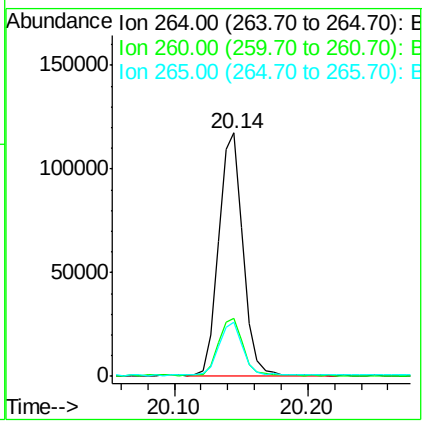


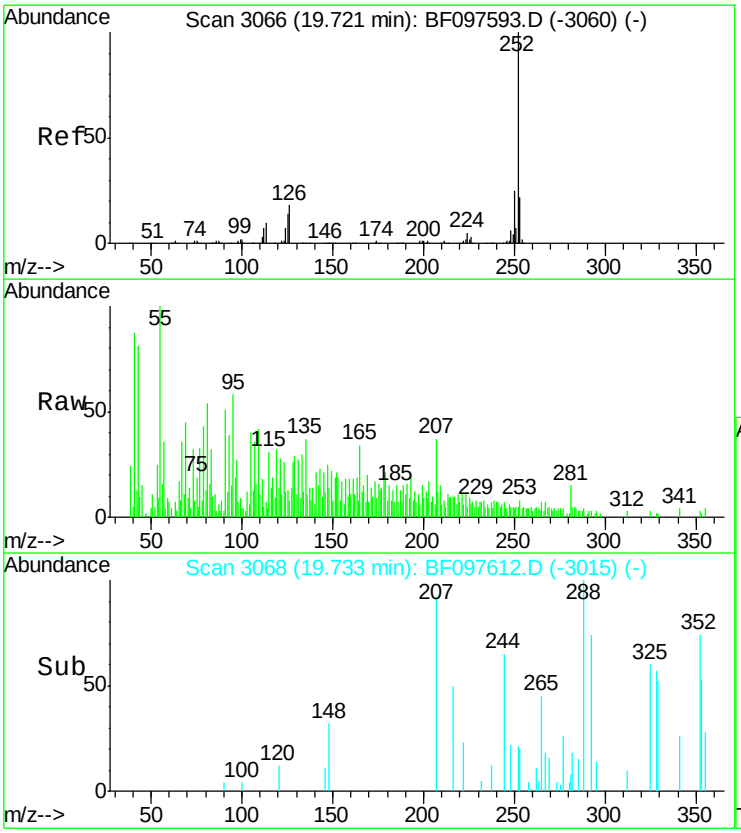
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 3138
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:264 Resp: 149575

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8

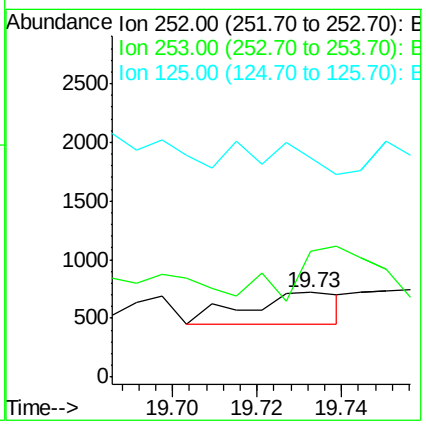


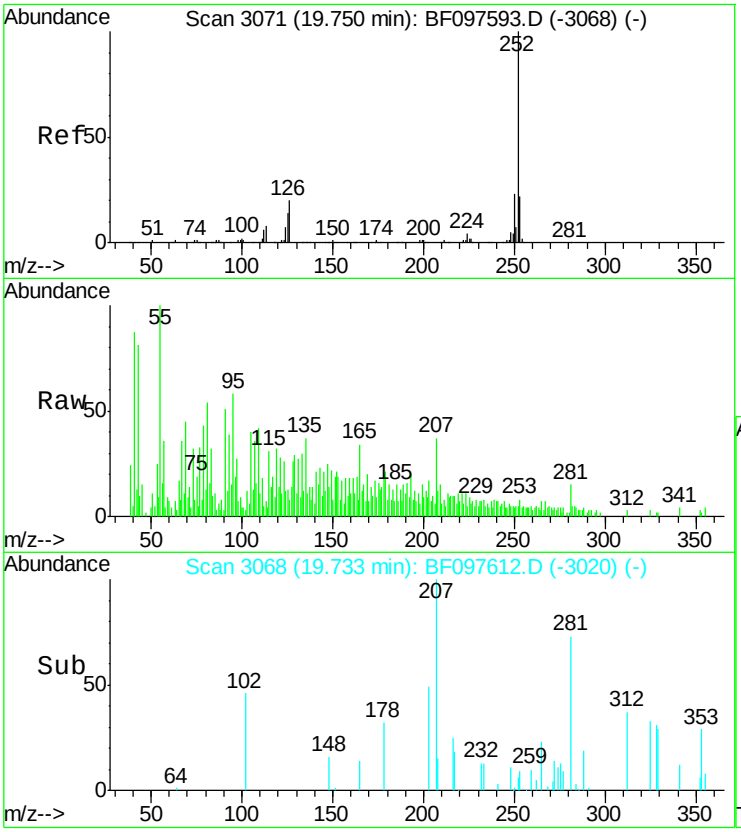


#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 19.73 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:252 Resp: 424

Ion	Ratio	Lower	Upper
252	100		
253	148.8	18.1	27.1#
125	260.2	9.8	14.8#



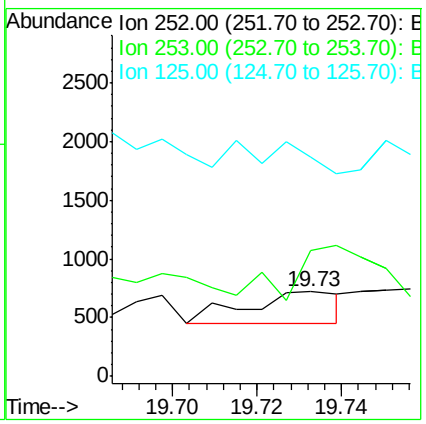


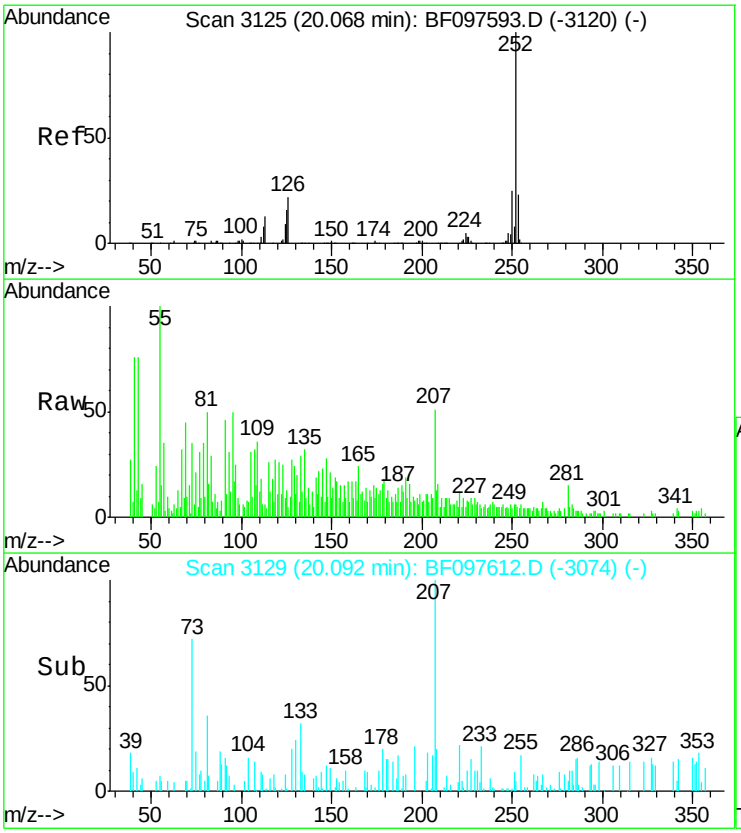
#88
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 19.73 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:252 Resp: 424

Ion	Ratio	Lower	Upper
252	100		
253	148.8	18.4	27.6#
125	260.2	13.1	19.7#

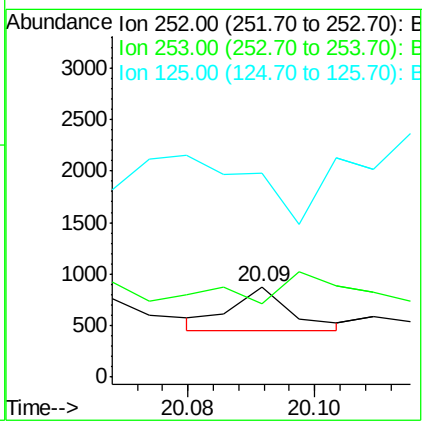


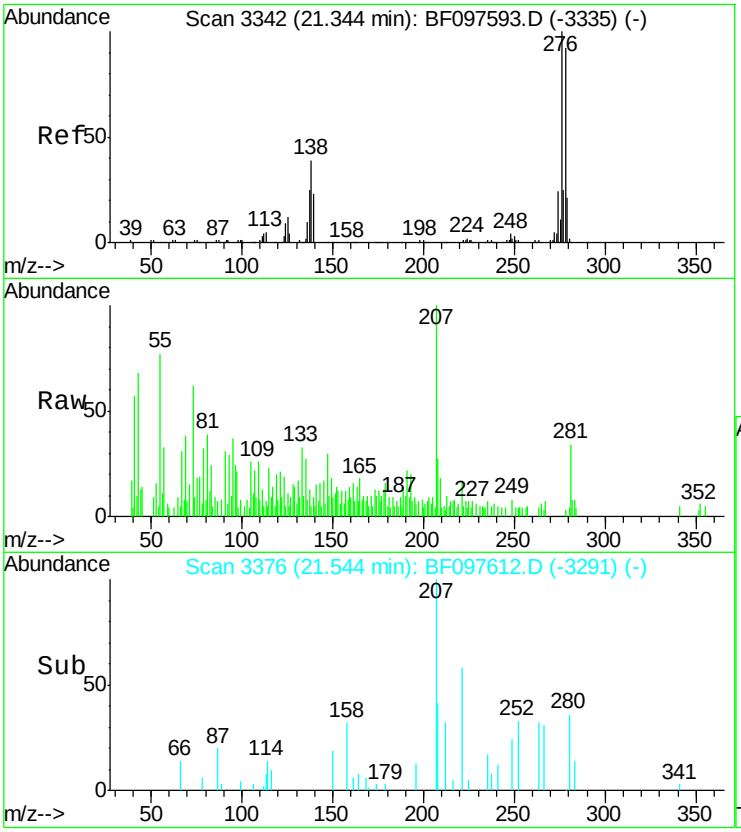


#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 20.09 min Scan# 3129
Delta R.T. 0.02 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:252 Resp: 268

Ion	Ratio	Lower	Upper
252	100		
253	81.7	17.5	26.3#
125	225.5	11.0	16.4#



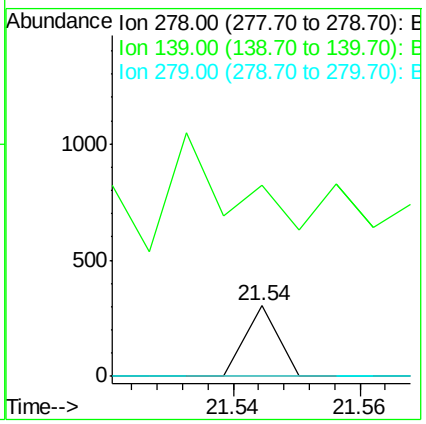


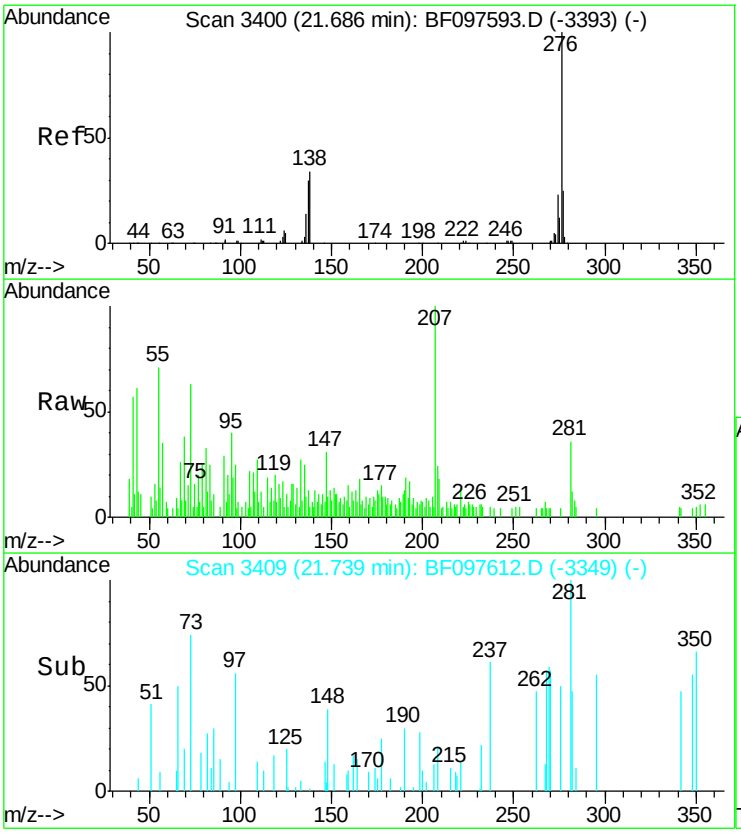
#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 21.54 min Scan# 3376
Delta R.T. 0.20 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tgt Ion:278 Resp: 107

Ion	Ratio	Lower	Upper
278	100		
139	271.3	16.6	24.8#
279	0.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 21.74 min Scan# 3409
Delta R.T. 0.05 min
Lab File: BF097612.D
Acq: 12 Aug 2017 00:35

Tgt Ion:276 Resp: 220

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	140.4	25.4	38.0#