Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\

Quantitation Report (Not Reviewed)

Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Time: Jun 28 05:08:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	232056	20.00	ng		-0.02
21) Naphthalene-d8	7.88	136	892967	20.00	ng		-0.02
39) Acenaphthene-d10	9.62	164	438084	20.00	ng		-0.02
64) Phenanthrene-d10	11.10	188	874423	20.00	ng		-0.02
76) Chrysene-d12	13.72	240	590273	20.00	ng		-0.03
87) Perylene-d12	15.08	264	407345	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	712593	47.39	ng		-0.02
7) Phenol-d6	6.24	99	887729	48.64	ng		-0.02
23) Nitrobenzene-d5	7.16	82	502015	34.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.41	330	251878	54.52	ng		-0.02
45) 2-Fluorobiphenyl	8.95	172	1026049	39.78	ng		-0.03
79) Terphenyl-d14	12.68	244	1124853	40.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	118	0.017	ng	#	1
3) Pyridine	2.83	79	119	0.006	ng	#	8
4) n-Nitrosodimethylamine	2.80	42	108	0.014	ng	#	1
6) Aniline	6.25	93	309	0.012	ng	#	1
9) Benzaldehyde	6.24	77	1780	0.149	ng	#	1
10) Phenol	6.25	94	11020	0.515	ng		92
11) bis(2-Chloroethyl)ether	6.37	93	1101	0.070	ng	#	1
15) Benzyl Alcohol	6.75	79	9084	0.683	ng	#	43
18) Hexachloroethane	7.11	117	374	0.055	ng	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	65532	5.608	ng	#	75
22) Acetophenone	7.01	105	974	0.048	ng	#	44
24) Nitrobenzene	7.19	77	120	0.008	ng	#	35
25) Isophorone	7.16	82	489478	16.460	ng	#	63
28) bis(2-Chloroethoxy)methane	7.48	93	133	0.007	ng	#	49
31) Naphthalene	7.90	128	37987	0.867	ng		97
32) Benzoic acid	7.88	122	108	0.012	ng	#	1
33) 4-Chloroaniline	7.90	127	4470	0.223	ng	#	26
35) Caprolactam	8.32	113	362	0.081	ng	#	1
36) 4-Chloro-3-methylphenol	8.51	107	219	0.016	ng	#	1
37) 2-Methylnaphthalene	8.59	142	29340	0.993	ng		98
38) 1-Methylnaphthalene	8.69	142	39633	1.404	ng		100
46) 1,1'-Biphenyl	9.05	154	14782	0.422	ng		98
47) 2-Chloronaphthalene	9.12	162	2007	0.071	ng	#	51
48) 2-Nitroaniline	9.17	65	118	0.014	ng	#	1
49) Acenaphthylene	9.48	152	68056	1.536	ng		98
50) Dimethylphthalate	9.35	163	288575	8.953	ng		99
51) 2,6-Dinitrotoluene	9.35	165	3874	0.521	ng	#	2
52) Acenaphthene	9.66	154	59466	2.145	ng		99
53) 3-Nitroaniline	9.74	138	112	0.012	ng	#	5
55) Dibenzofuran	9.83	168	67390	1.694	ng		95
56) 4-Nitrophenol	9.74	139	1036	0.142	ng	#	50
57) 2,4-Dinitrotoluene	9.62	165	60038	6.249	ng	#	30
58) Fluorene	10.17	166	92047	Below Cal			98
60) Diethylphthalate	10.05	149	1917	0.059	ng	#	69

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\

Quantitation Report (Not Reviewed)

Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Time: Jun 28 05:08:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 4-Chlorophenyl-phenylether	10.00	204	115	Below Cal		#	1
62) 4-Nitroaniline	10.17	138	1164	0.128	ng	#	24
63) Azobenzene	10.33	77	1040	0.034	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.41	198	638	5.083	ng	#	1
66) n-Nitrosodiphenylamine	10.29	169	3663	0.134	ng	#	75
67) 4-Bromophenyl-phenylether	10.41	248	15881	1.675	ng	#	1
71) Phenanthrene	11.12	178	451940	9.599	ng		97
72) Anthracene	11.17	178	144230	3.035	ng		98
73) Carbazole	11.32	167	40991	0.966	ng		98
74) Di-n-butylphthalate	11.68	149	4056	0.083	ng	#	66
75) Fluoranthene	12.30	202	496906	10.578	ng		97
77) Benzidine	12.46	184	666	0.025	ng	#	1
78) Pyrene	12.52	202	478458	10.547	ng		99
80) Butylbenzylphthalate	13.17	149	201	0.010	ng	#	41
81) Benzo(a)anthracene	13.74	228	176037	4.156	ng		92
82) 3,3'-Dichlorobenzidine	13.68	252	1557	0.102	ng	#	67
83) Chrysene	13.74	228	176037	4.537	ng		97
84) Bis(2-ethylhexyl)phthalate	13.73	149	8420	0.321	ng	#	71
85) Di-n-octyl phthalate	14.34	149	3609	0.082	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.35	276	66299	1.444	ng		98
88) Benzo(b)fluoranthene	14.71	252	210339	8.275	ng	#	83
89) Benzo(k)fluoranthene	14.71	252	210339	9.228	ng	#	86
90) Benzo(a)pyrene	15.03	252	111881	4.884	ng	#	91
91) Dibenzo(a,h)anthracene	16.36	278	17922	0.838	ng	#	35
92) Benzo(g,h,i)perylene	16.73	276	67422	3.115	ng		95

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

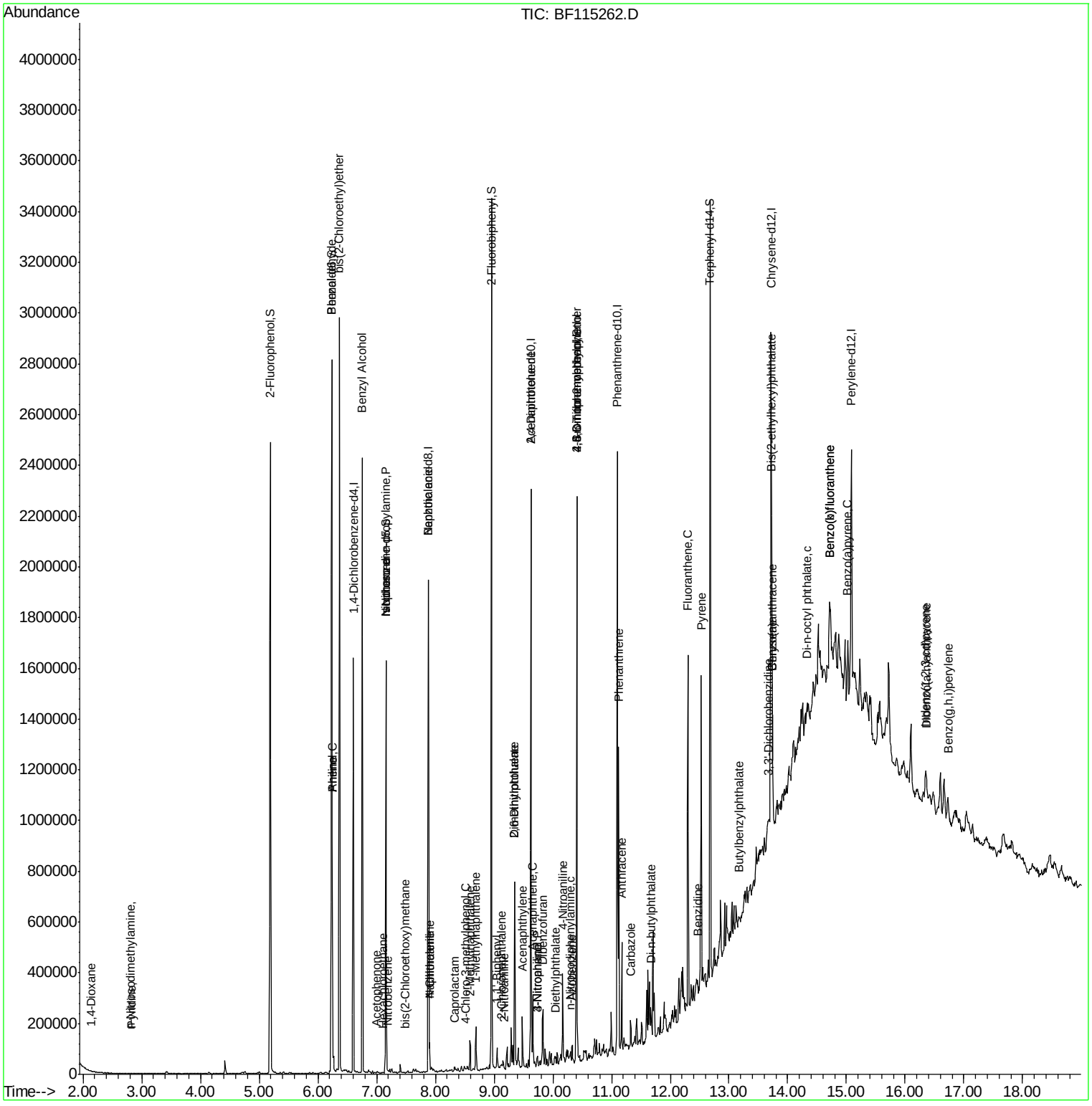
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\

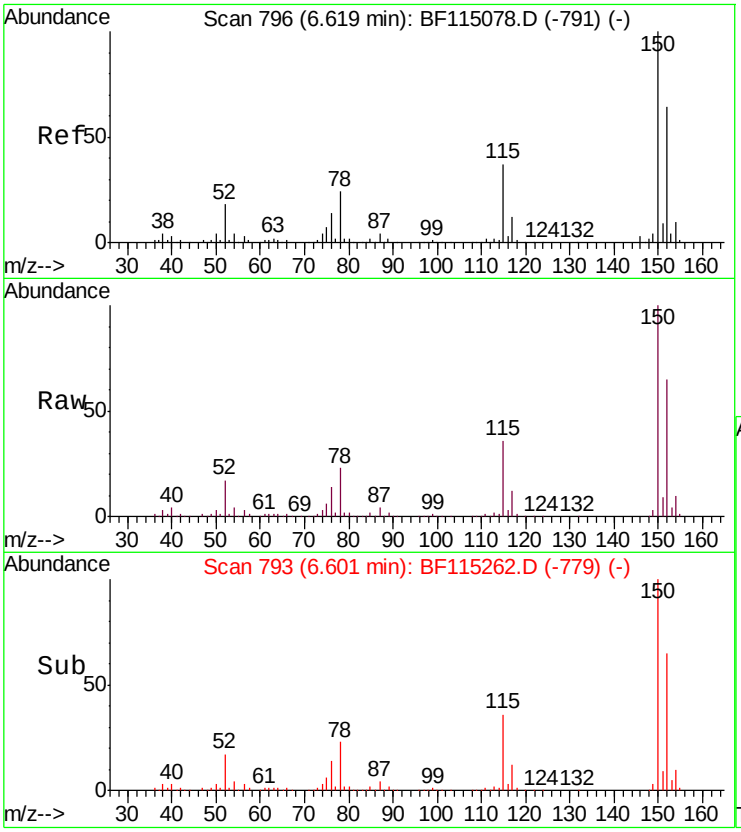
Quantitation Report (Not Reviewed)

Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Quant Time: Jun 28 05:08:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration



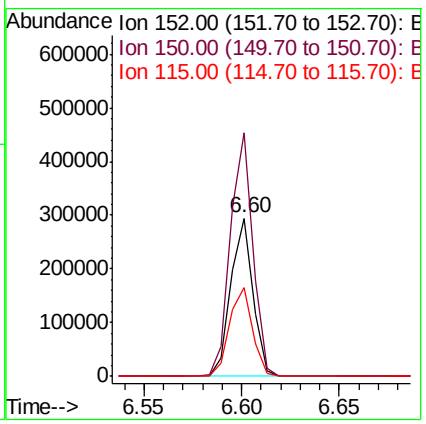


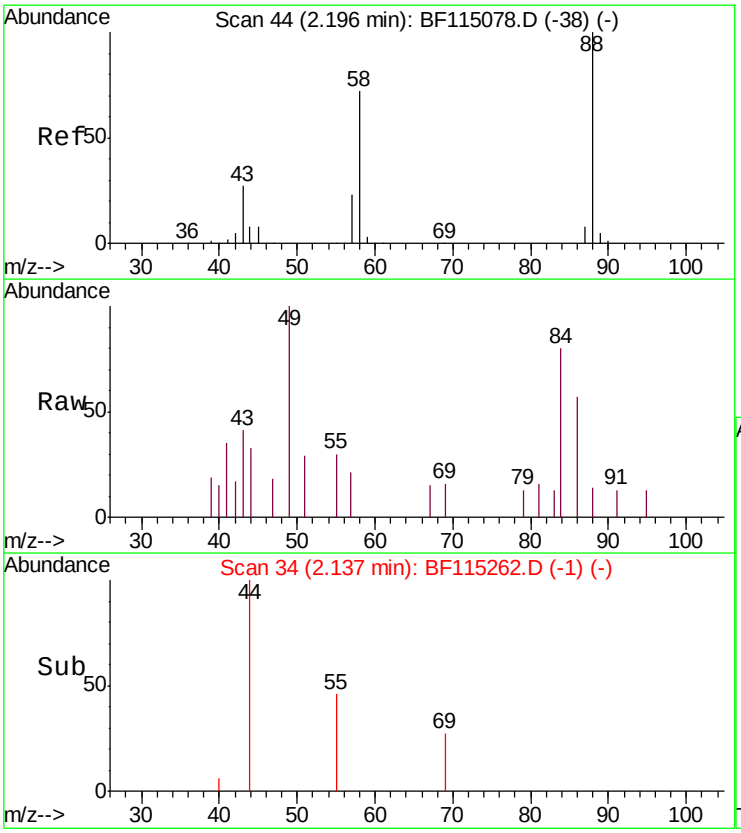
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:152 Resp: 232056

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	55.9	46.1	69.1

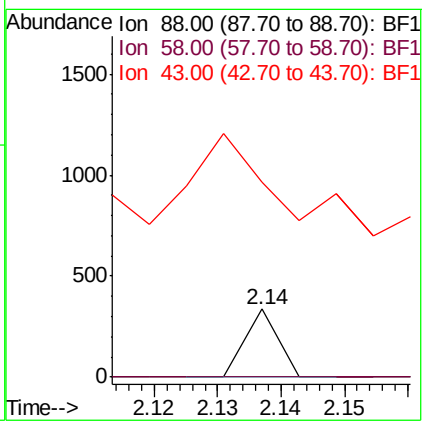


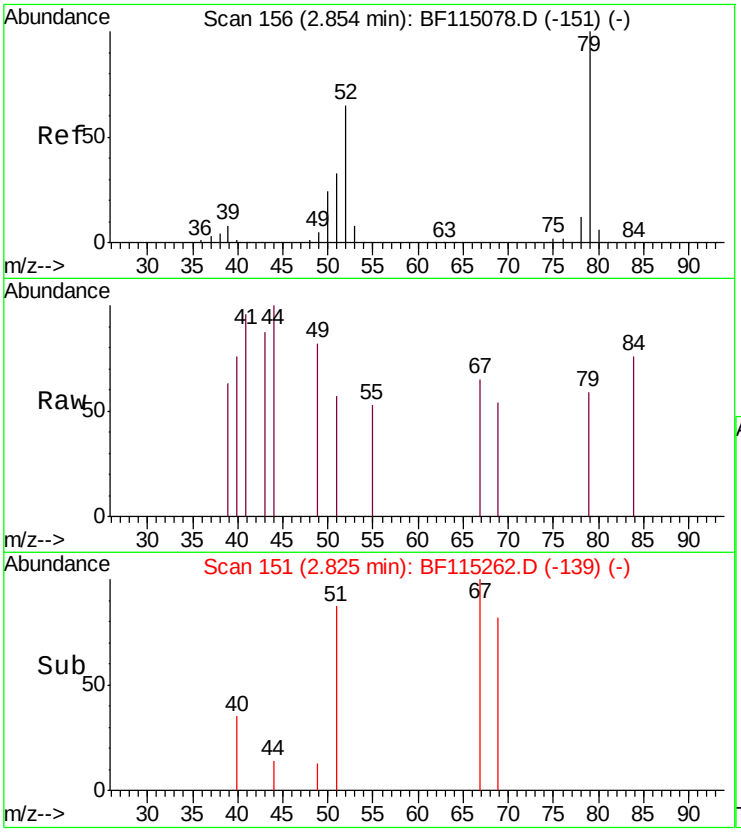


#2
1,4-Dioxane
Concen: 0.017 ng
RT: 2.14 min Scan# 34
Delta R.T. -0.06 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 88 Resp: 118

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.1	84.1#
43	393.2	21.3	31.9#



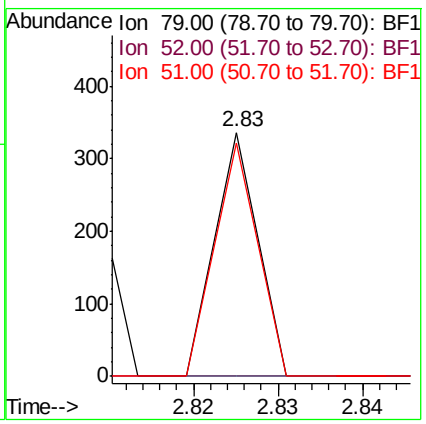


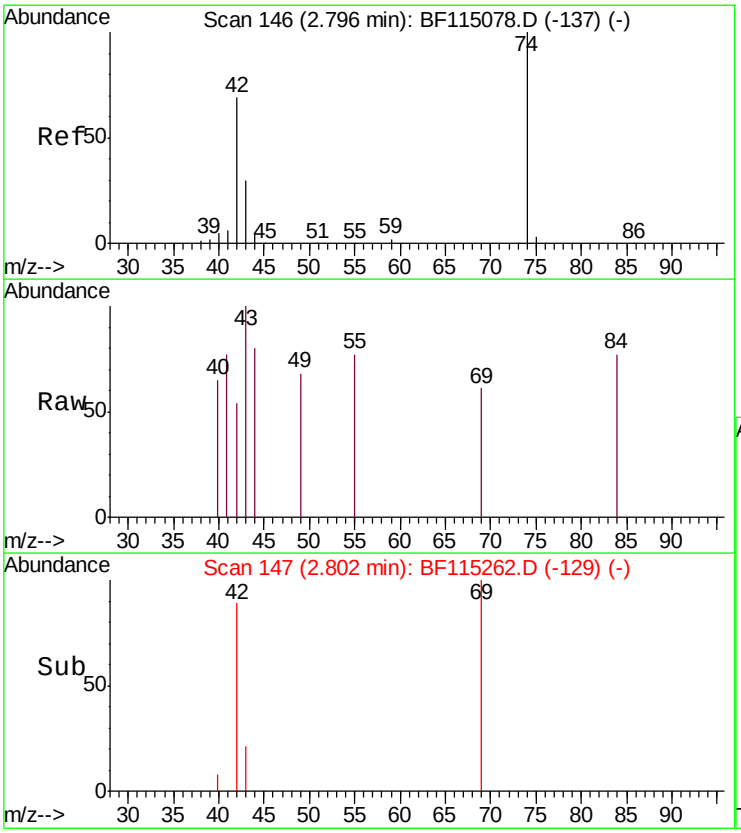
#3
Pyridine
Concen: 0.006 ng
RT: 2.83 min Scan# 151
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 79 Resp: 119

Ion	Ratio	Lower	Upper
79	100		
52	0.0	52.3	78.5#
51	95.5	26.1	39.1#

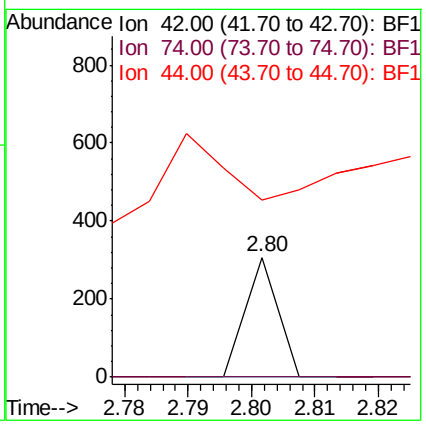


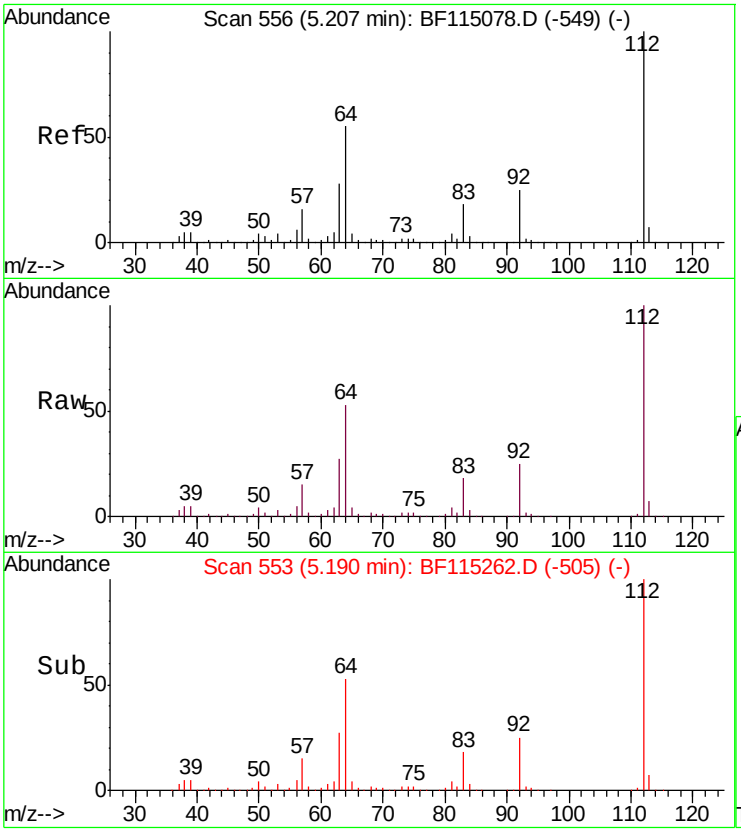


#4
n-Nitrosodimethylamine
Concen: 0.014 ng
RT: 2.80 min Scan# 147
Delta R.T. 0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 42 Resp: 108

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.6	175.0#
44	147.6	5.3	7.9#



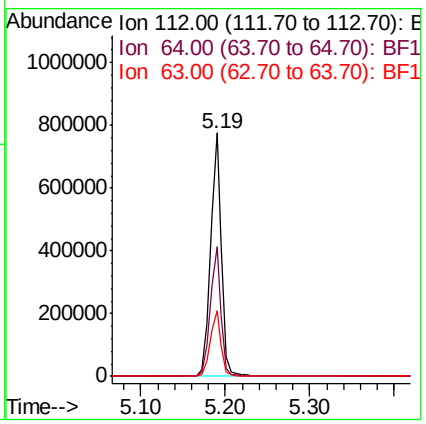


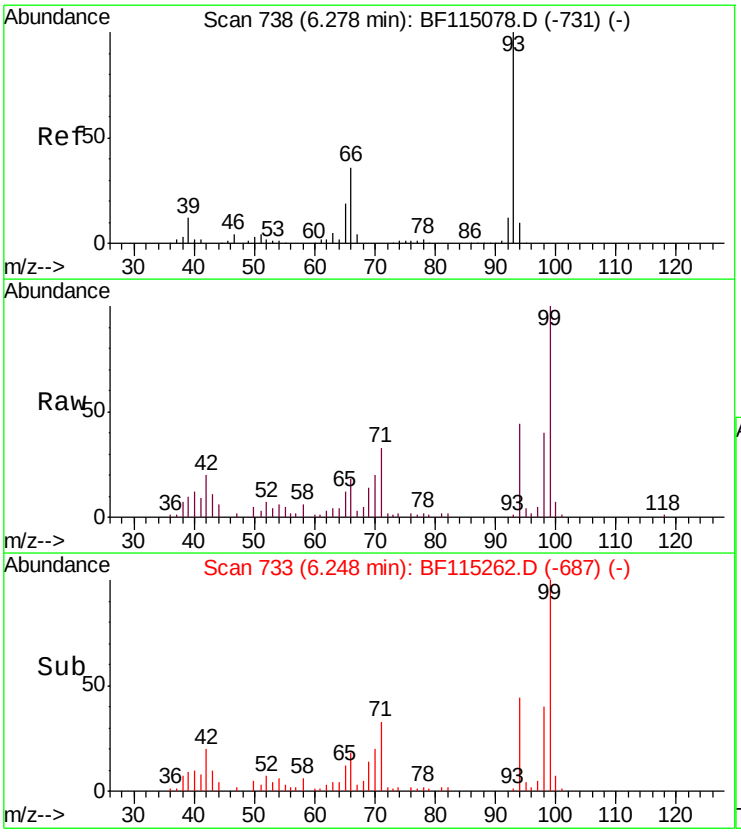
#5
2-Fluorophenol
Concen: 47.387 ng
RT: 5.19 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:112 Resp: 712593

Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.8	65.6
63	27.0	22.2	33.4

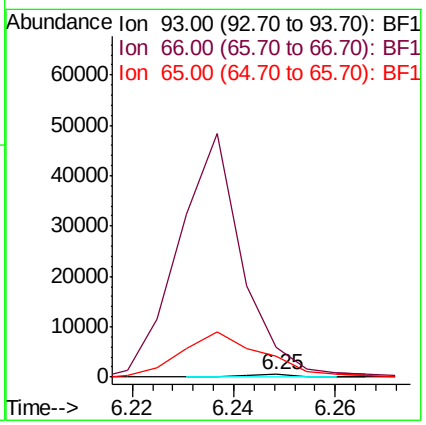


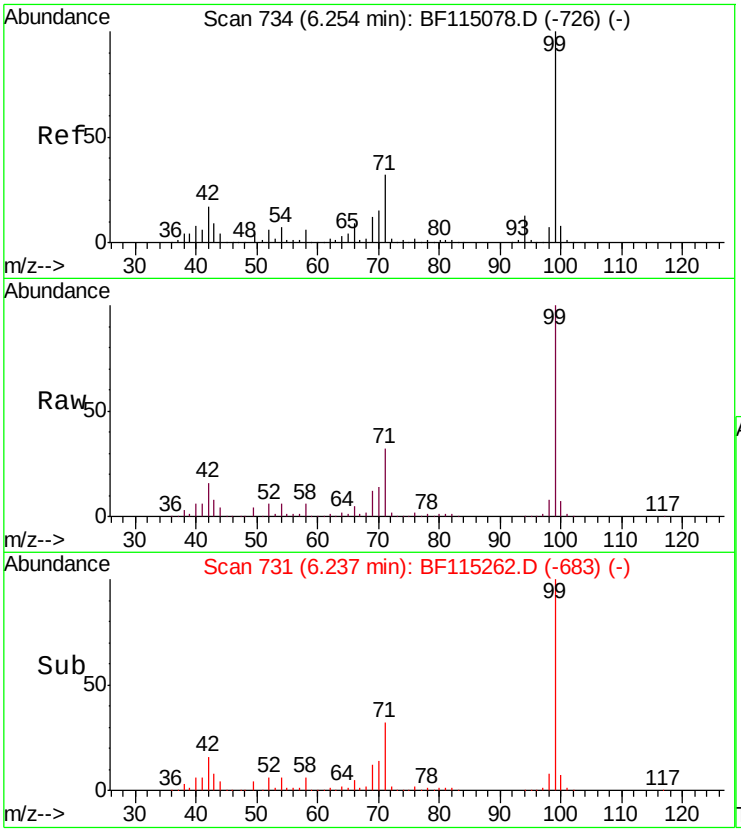


#6
Aniline
Concen: 0.012 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 93 Resp: 309

Ion	Ratio	Lower	Upper
93	100		
66	1269.4	30.0	45.0#
65	892.8	15.6	23.4#



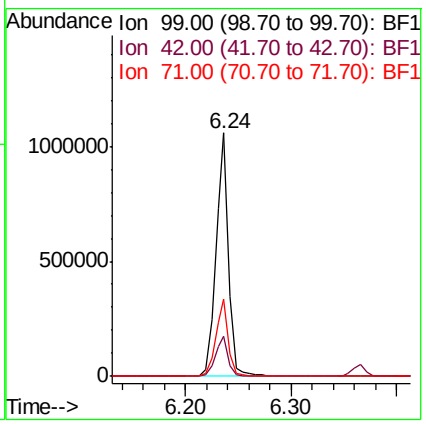


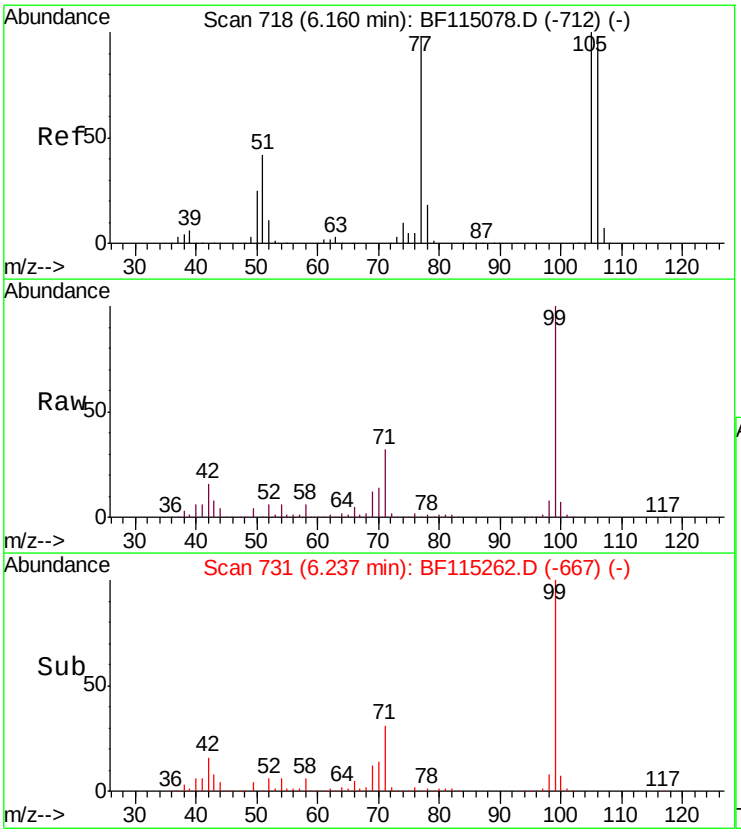
#7
Phenol-d6
Concen: 48.637 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 99 Resp: 887729

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	31.5	25.5	38.3

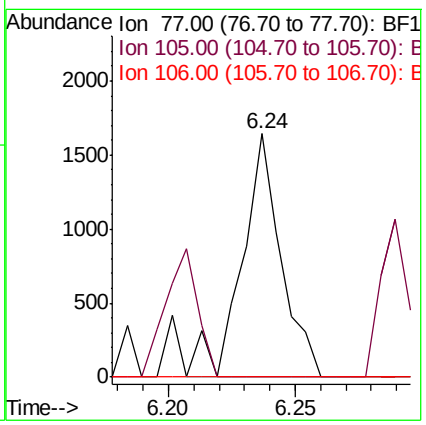


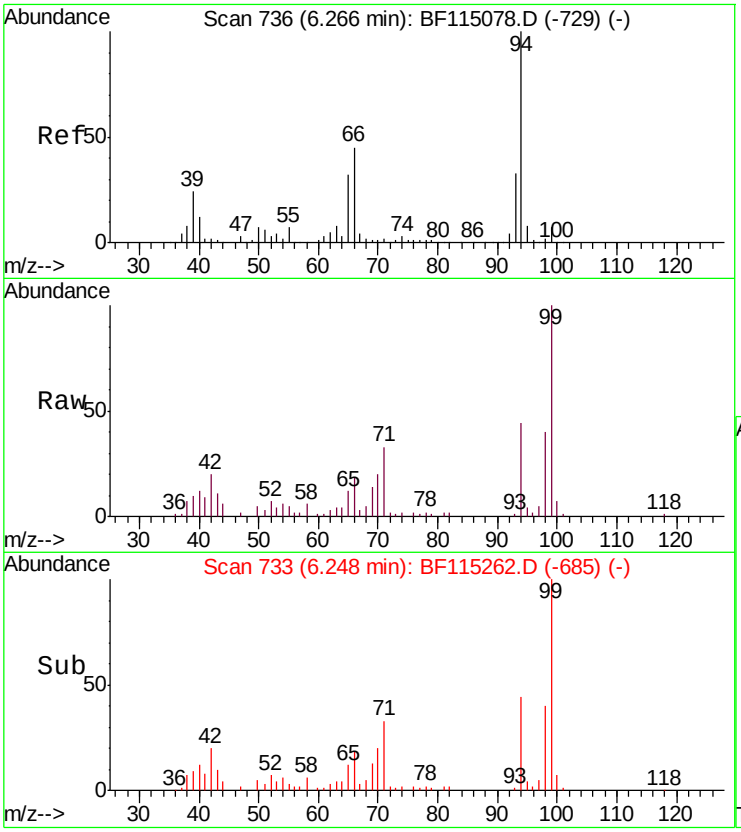


#9
Benzaldehyde
Concen: 0.149 ng
RT: 6.24 min Scan# 731
Delta R.T. 0.08 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 77 Resp: 1780

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.5	121.5#
106	0.0	79.7	119.7#



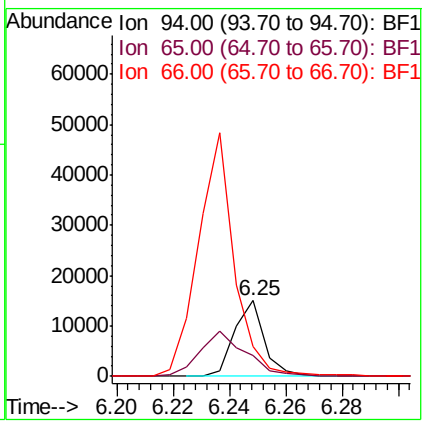


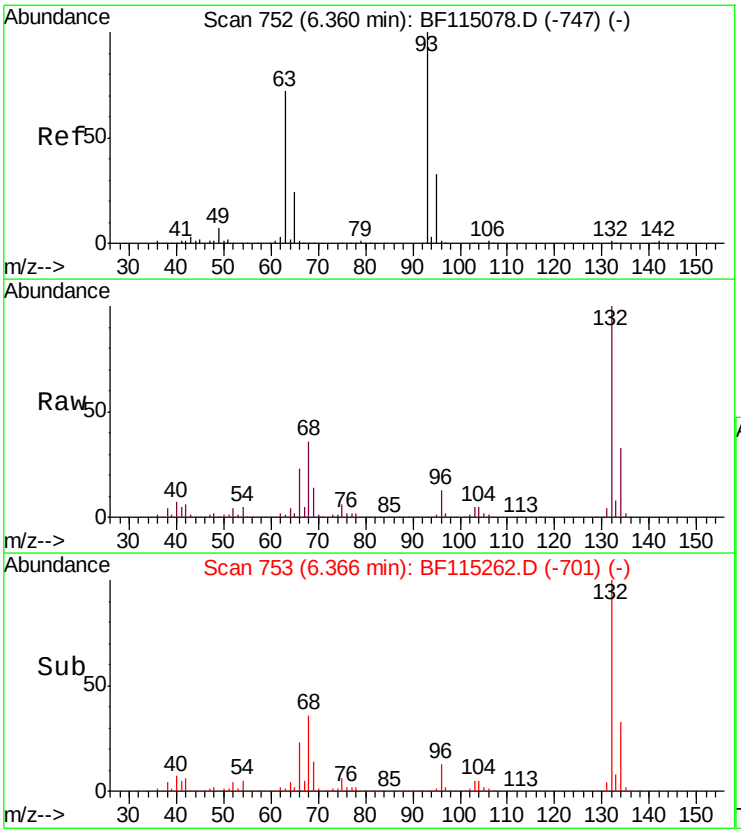
#10
Phenol
Concen: 0.515 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 94 Resp: 11020

Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.9	51.9
66	39.8	25.2	65.2

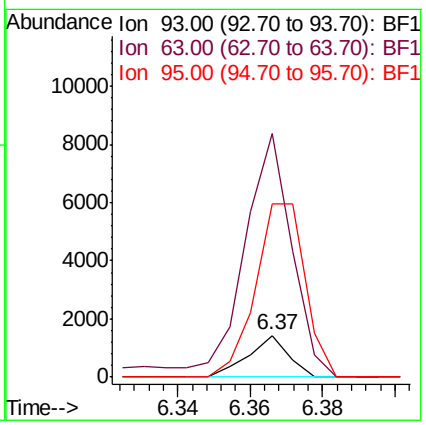


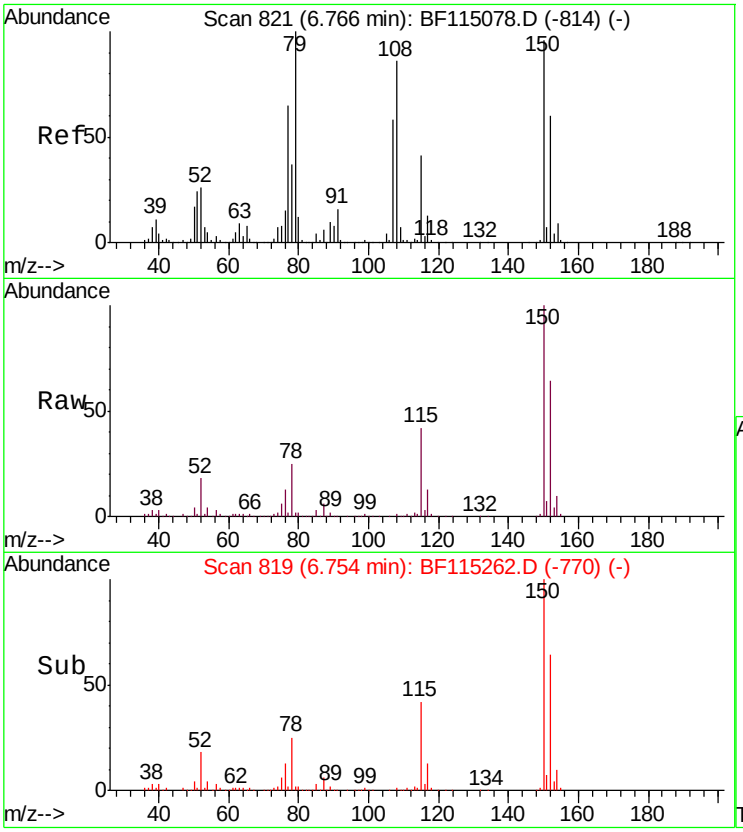


#11
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 93 Resp: 1101

Ion	Ratio	Lower	Upper
93	100		
63	583.2	51.5	91.5#
95	414.9	13.4	53.4#



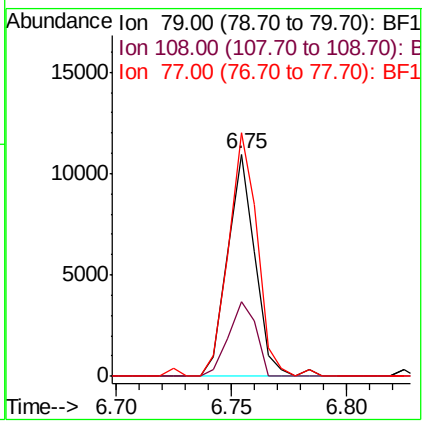


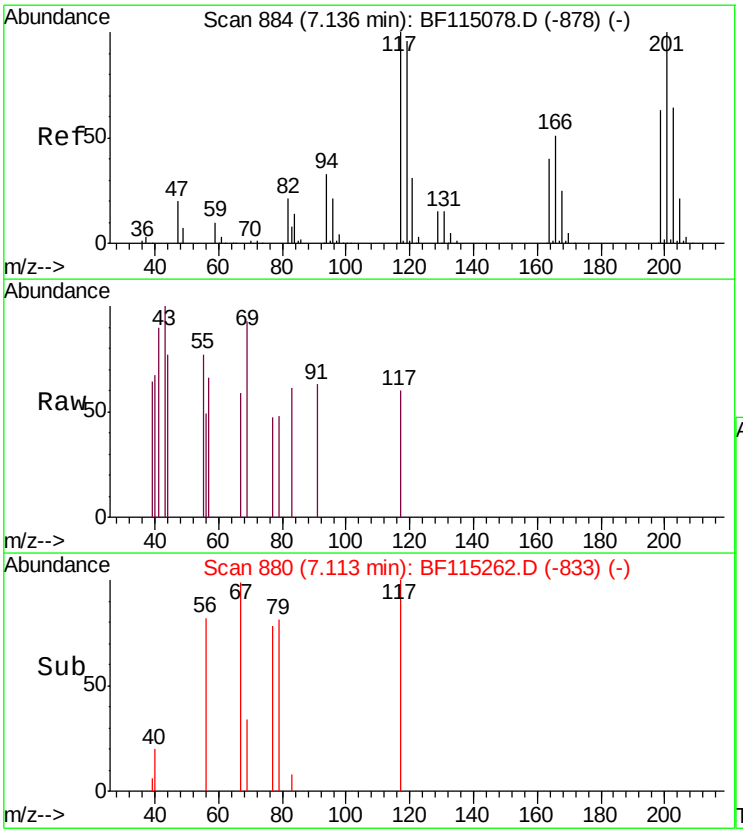
#15
Benzyl Alcohol
Concen: 0.683 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 79 Resp: 9084

Ion	Ratio	Lower	Upper
79	100		
108	33.8	68.7	103.1#
77	109.5	51.7	77.5#

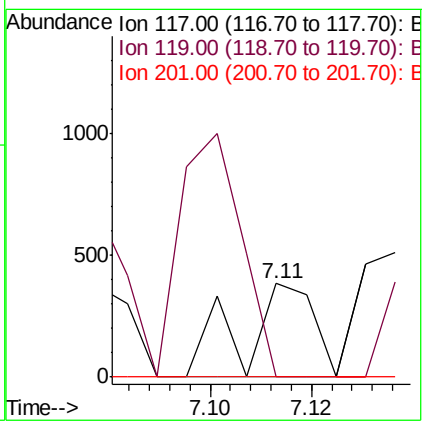


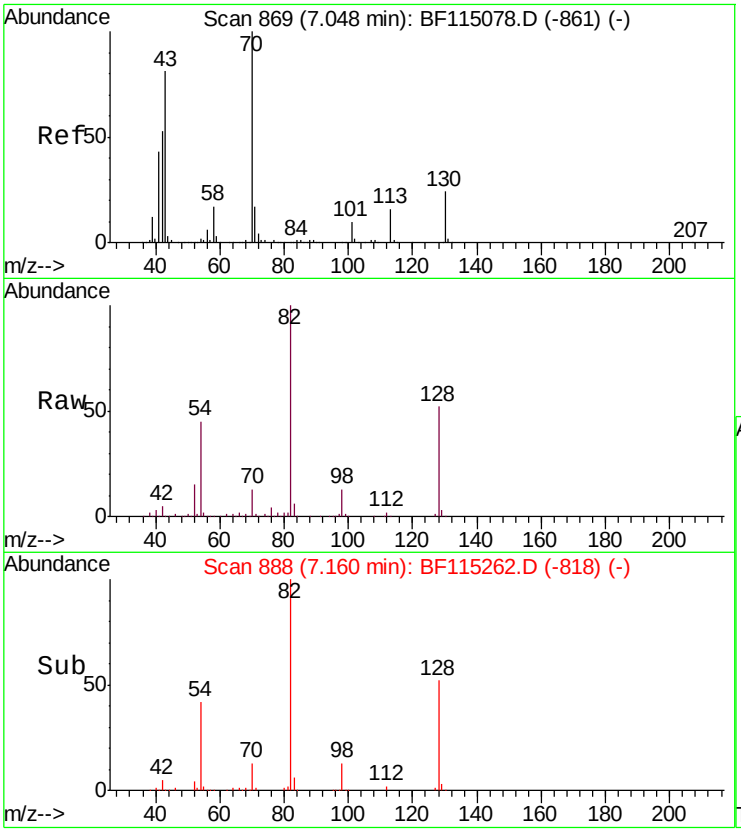


#18
Hexachloroethane
Concen: 0.055 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:117 Resp: 374

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	114.8#
201	0.0	80.2	120.2#



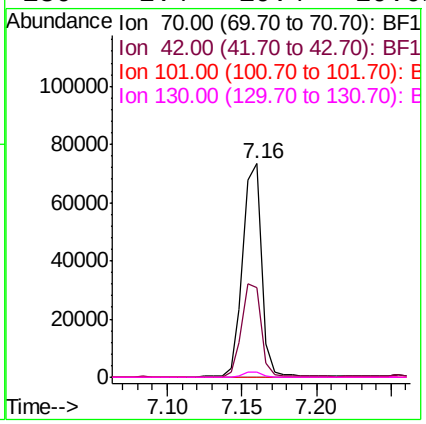


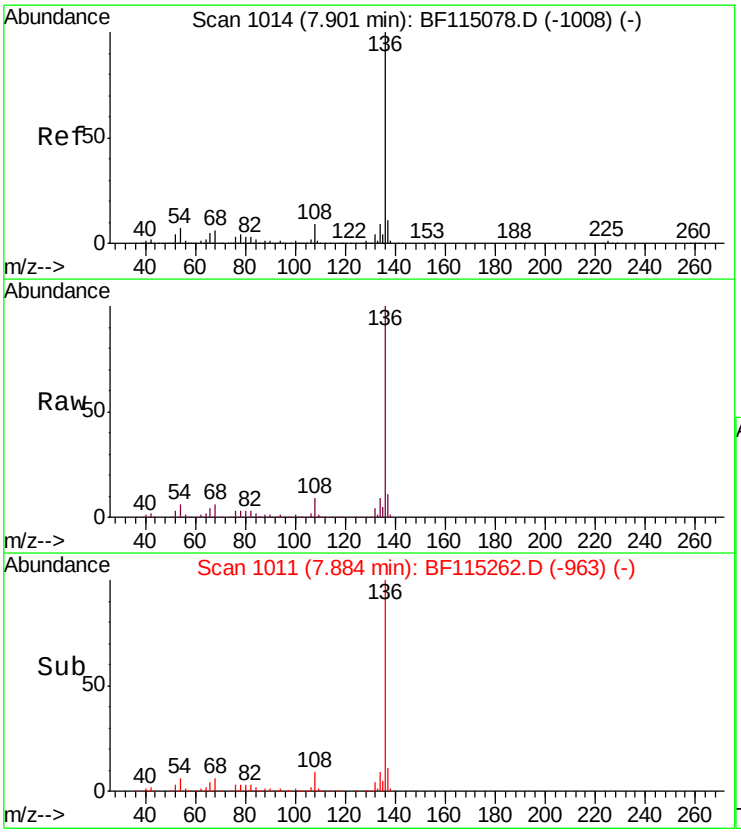
#19
n-Nitroso-di-n-propylamine
Concen: 5.608 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 70 Resp: 65532

Ion	Ratio	Lower	Upper
70	100		
42	41.8	42.6	63.8#
101	0.0	8.0	12.0#
130	2.4	19.4	29.0#

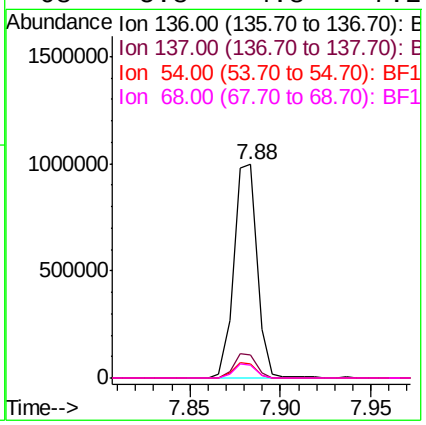


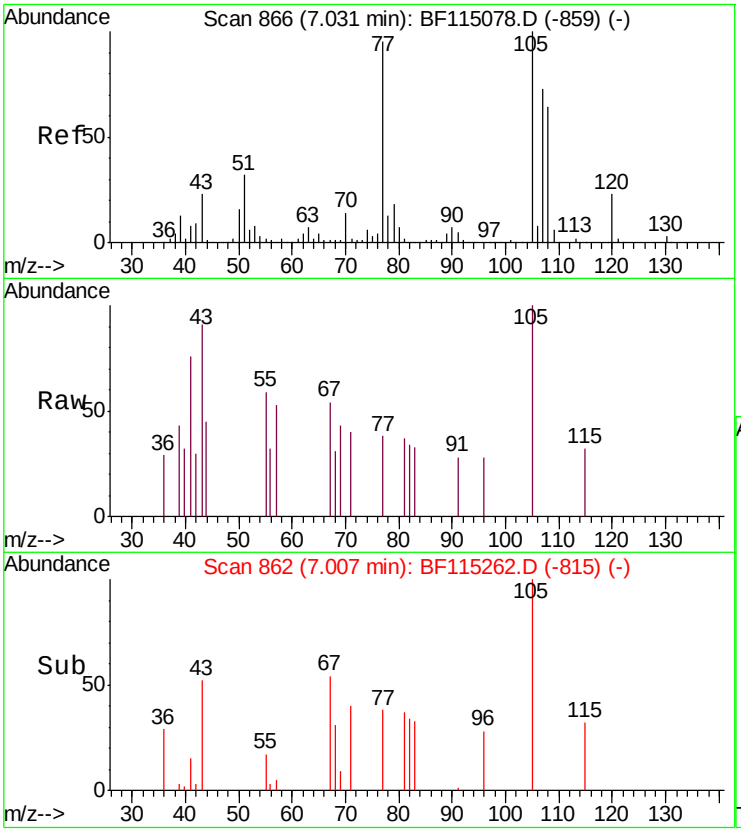


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:136 Resp: 892967

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	5.6	8.4
68	5.8	4.8	7.2



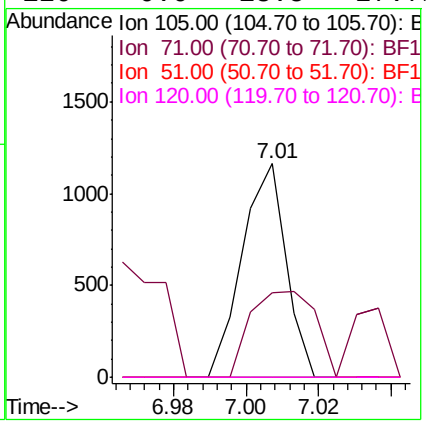


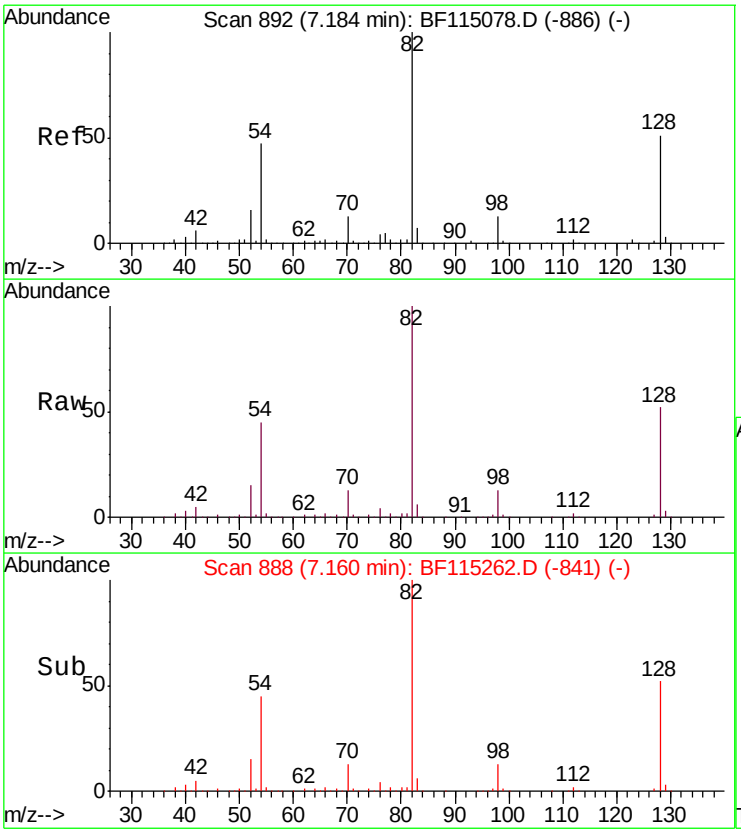
#22
Acetophenone
Concen: 0.048 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:105 Resp: 974

Ion	Ratio	Lower	Upper
105	100		
71	39.6	1.9	2.9#
51	0.0	25.8	38.8#
120	0.0	18.5	27.7#

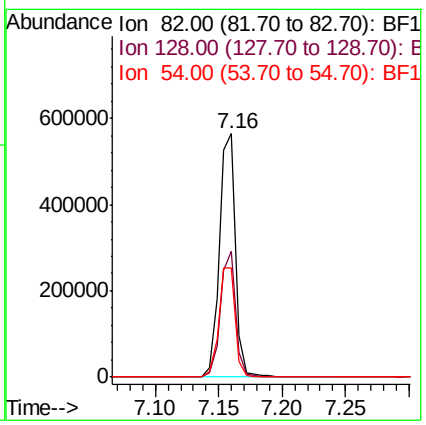


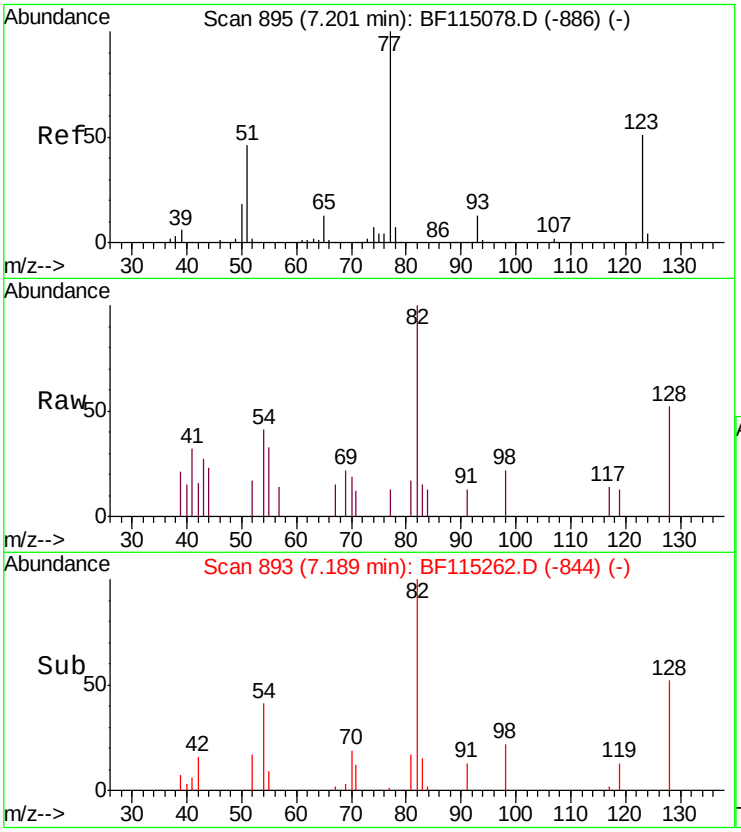


#23
Nitrobenzene-d5
Concen: 34.583 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 82 Resp: 502015

Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.4	60.6
54	44.8	37.5	56.3



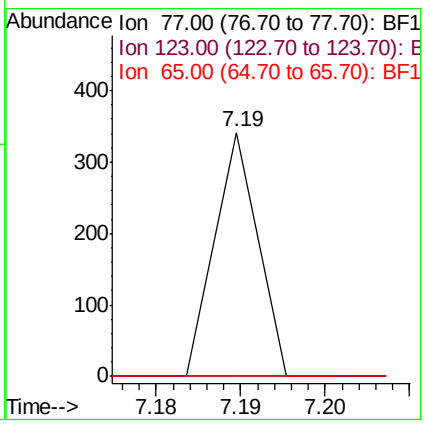


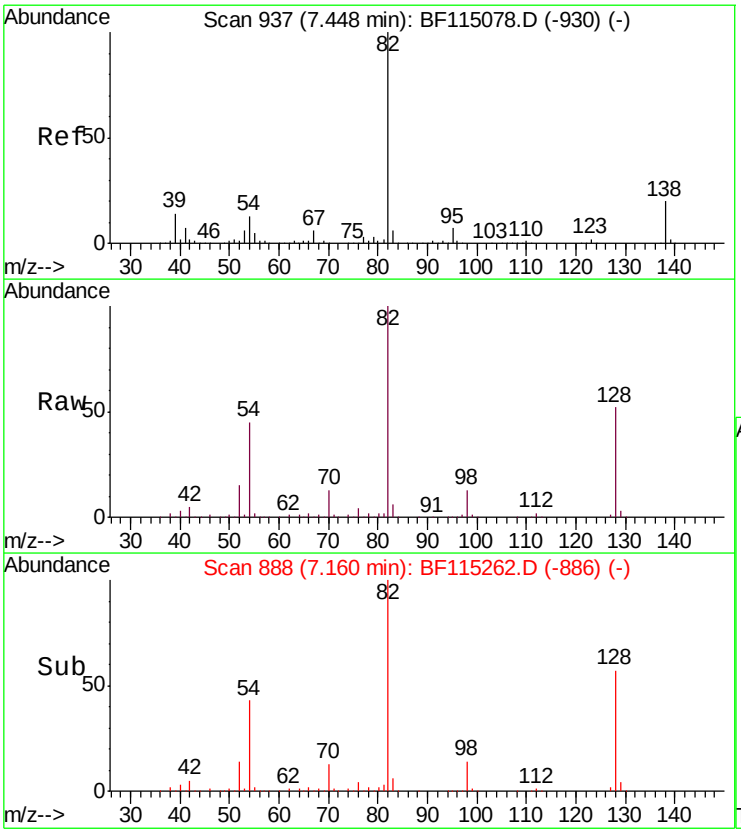
#24
Nitrobenzene
Concen: 0.008 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 77 Resp: 120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.0	61.6#
65	0.0	10.5	15.7#

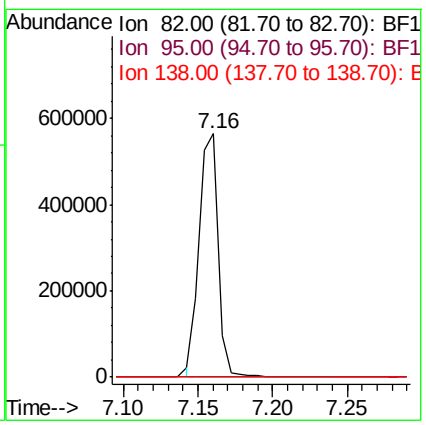


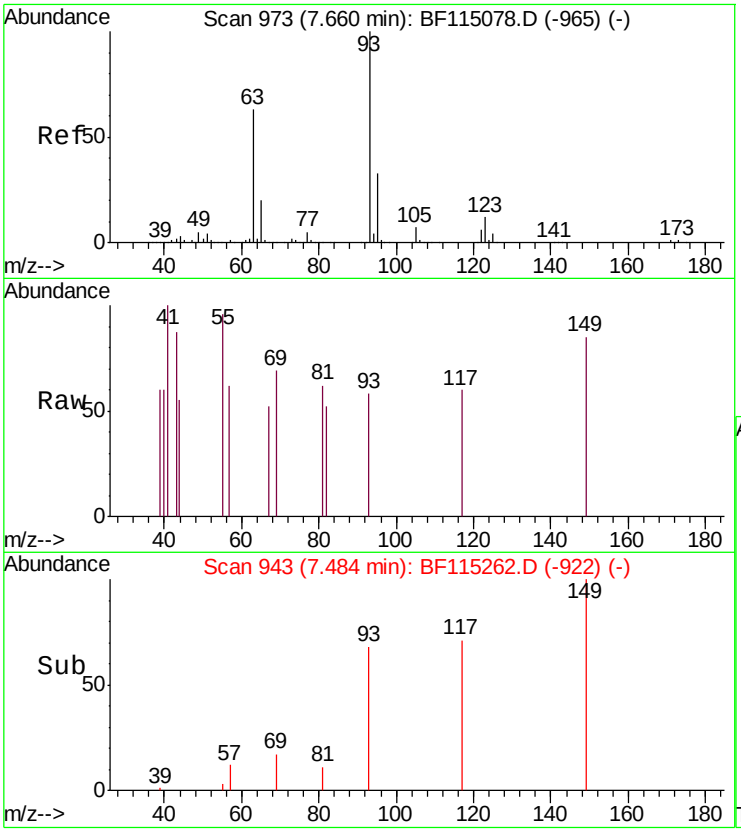


#25
Isophorone
Concen: 16.460 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.29 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 82 Resp: 489478

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.9	23.9#



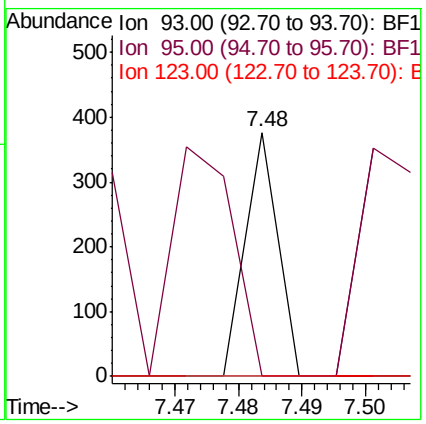


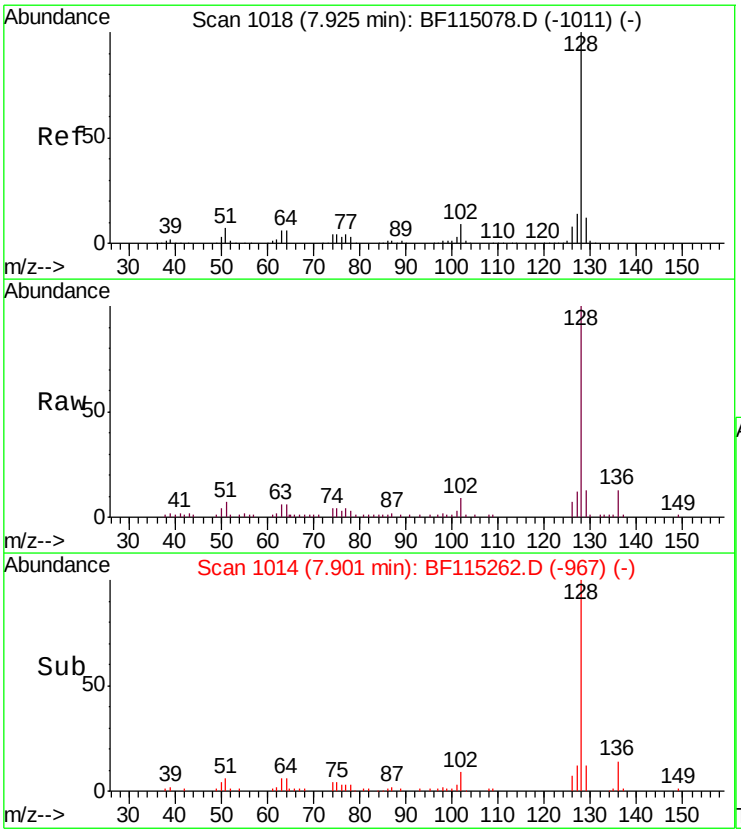
#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 7.48 min Scan# 943
Delta R.T. -0.18 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 93 Resp: 133

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.4#
123	0.0	9.7	14.5#

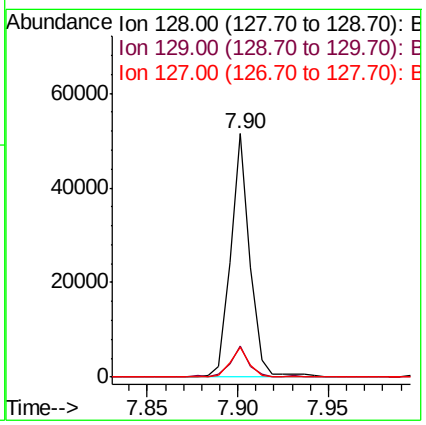


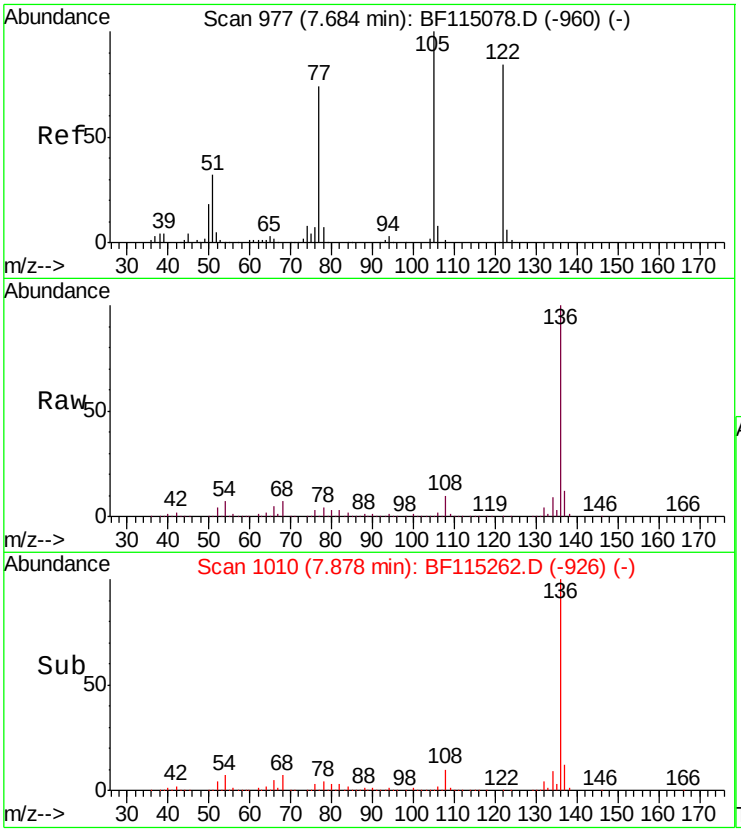


#31
Naphthalene
Concen: 0.867 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:128 Resp: 37987

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.6	14.4
127	12.3	11.4	17.0



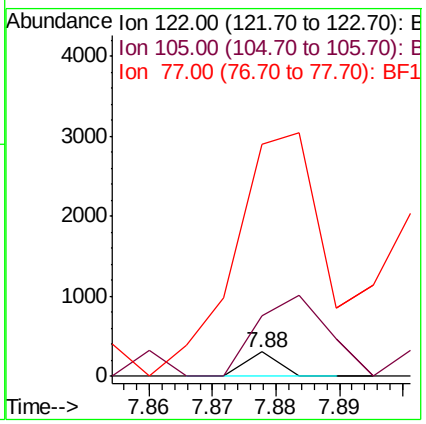


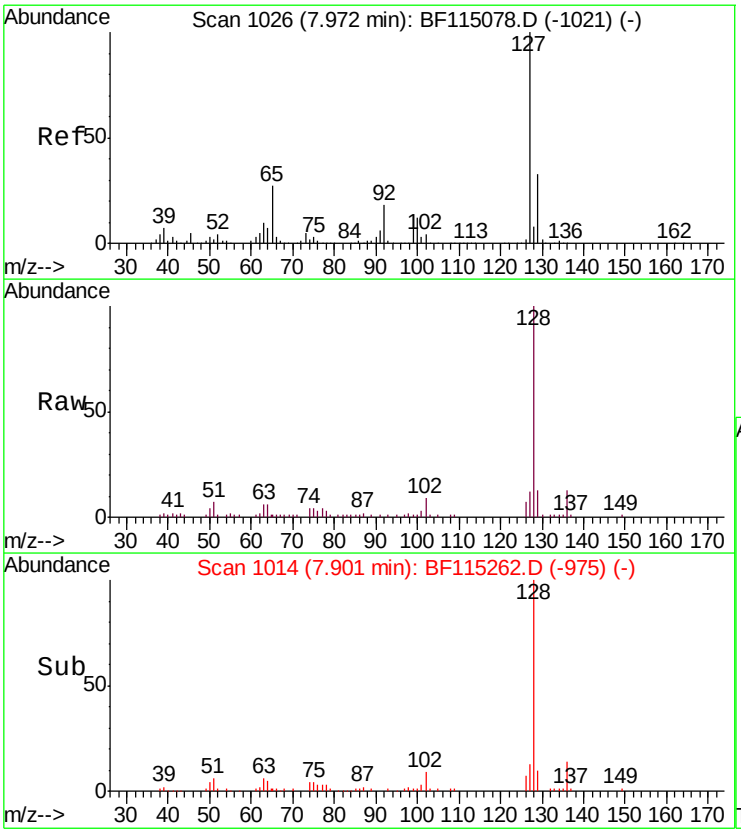
#32
Benzoic acid
Concen: 0.012 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.19 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	246.4	98.2	138.2#
77	950.0	67.0	107.0#

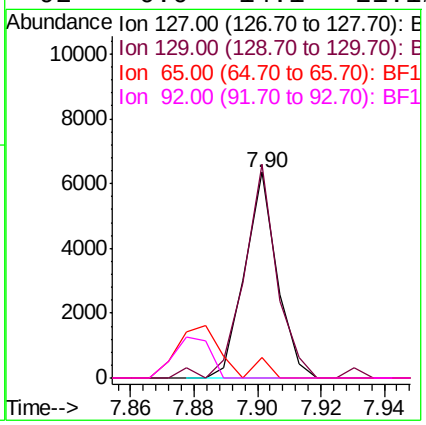


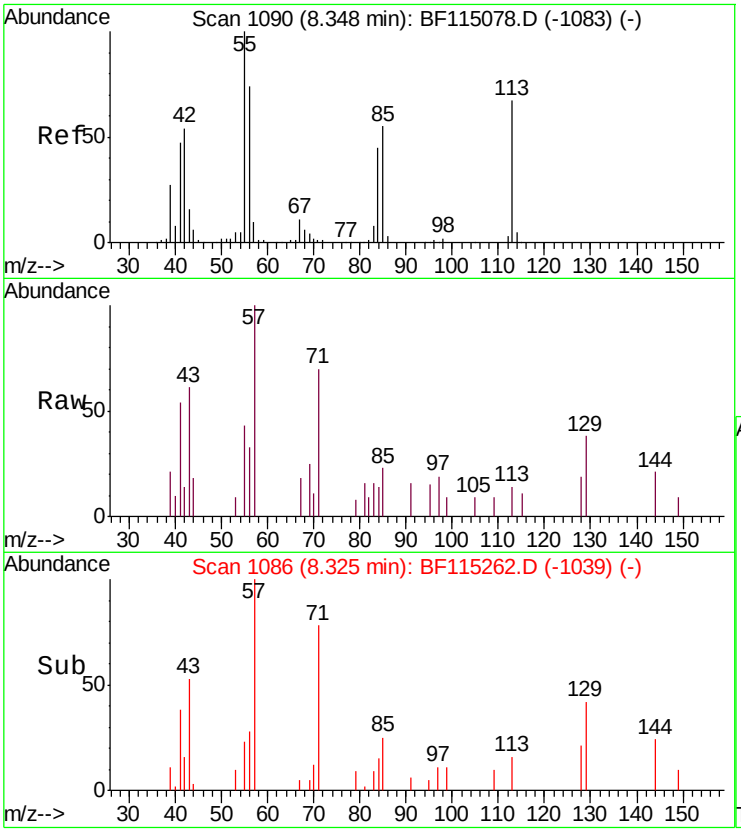


#33
4-Chloroaniline
Concen: 0.223 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.07 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:127 Resp: 4470

Ion	Ratio	Lower	Upper
127	100		
129	103.9	26.1	39.1#
65	10.3	21.4	32.2#
92	0.0	14.1	21.1#



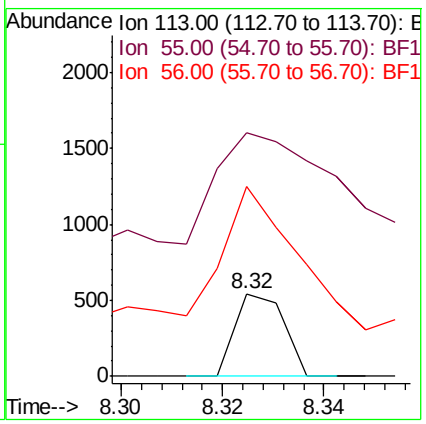


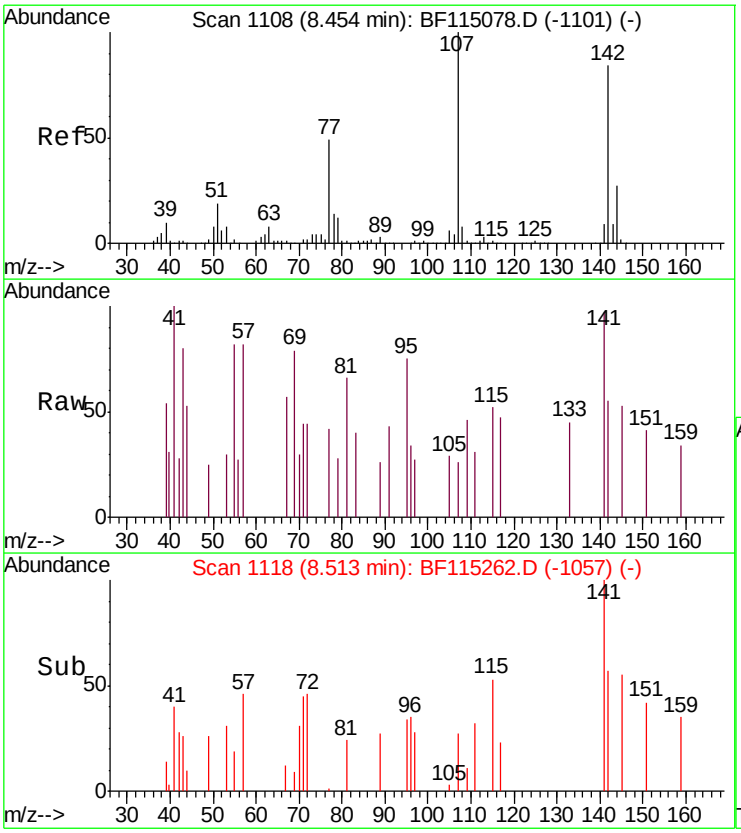
#35
Caprolactam
Concen: 0.081 ng
RT: 8.32 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:113 Resp: 362

Ion	Ratio	Lower	Upper
113	100		
55	295.2	130.2	170.2#
56	229.8	91.6	131.6#

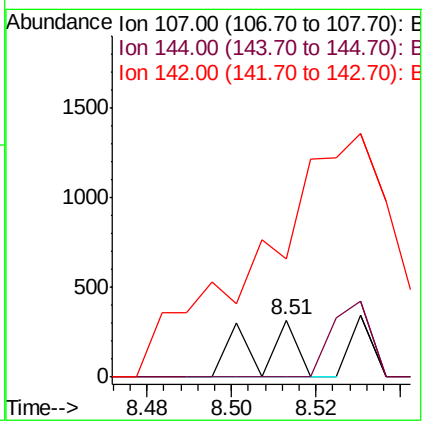


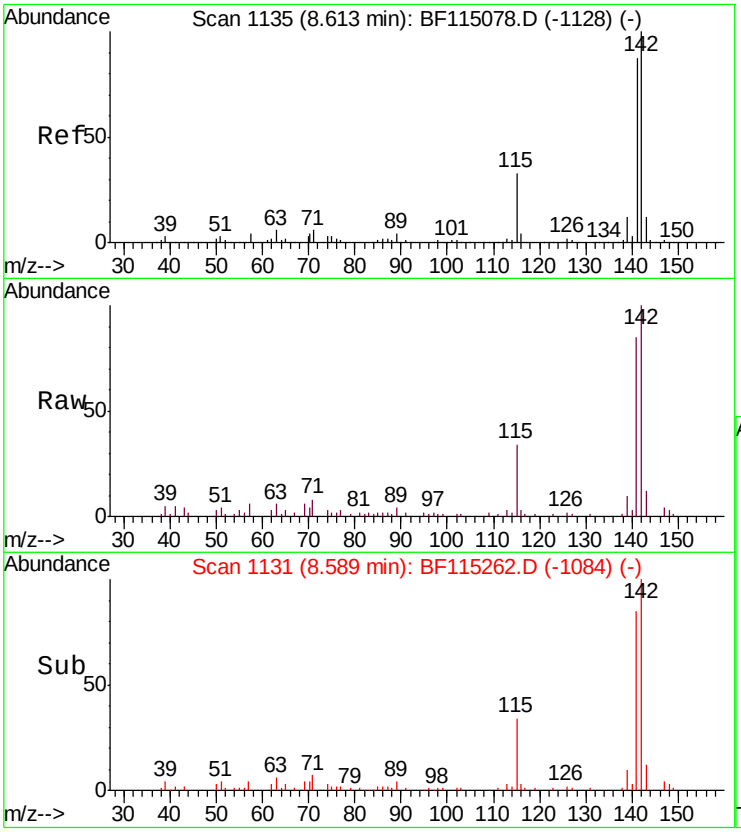


#36
4-Chloro-3-methylphenol
Concen: 0.016 ng
RT: 8.51 min Scan# 1118
Delta R.T. 0.06 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:107 Resp: 219

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.7	32.5#
142	207.8	67.0	100.4#



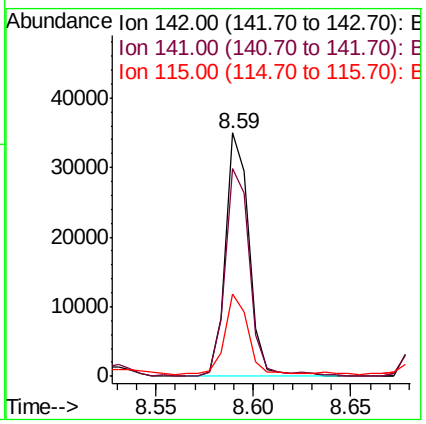


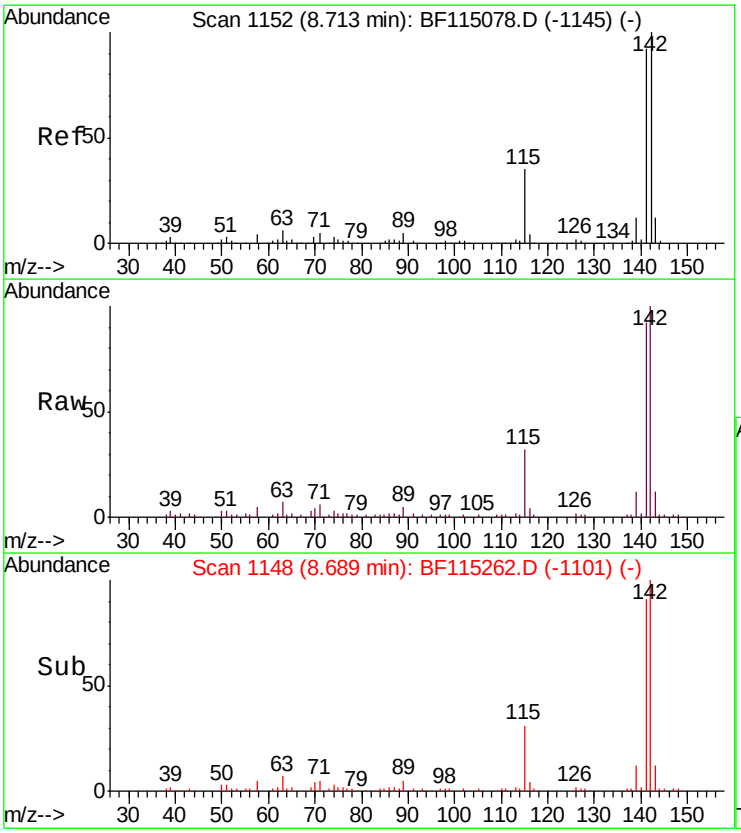
#37
2-Methylnaphthalene
Concen: 0.993 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:142 Resp: 29340

Ion	Ratio	Lower	Upper
142	100		
141	85.3	69.8	104.6
115	33.8	26.7	40.1

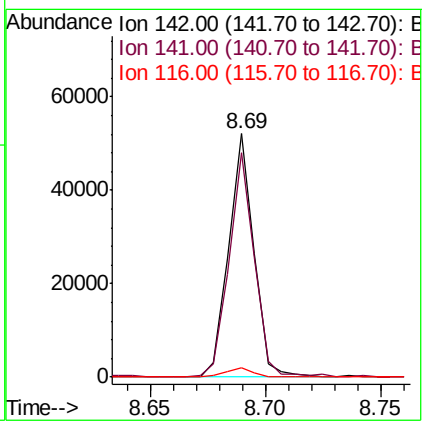


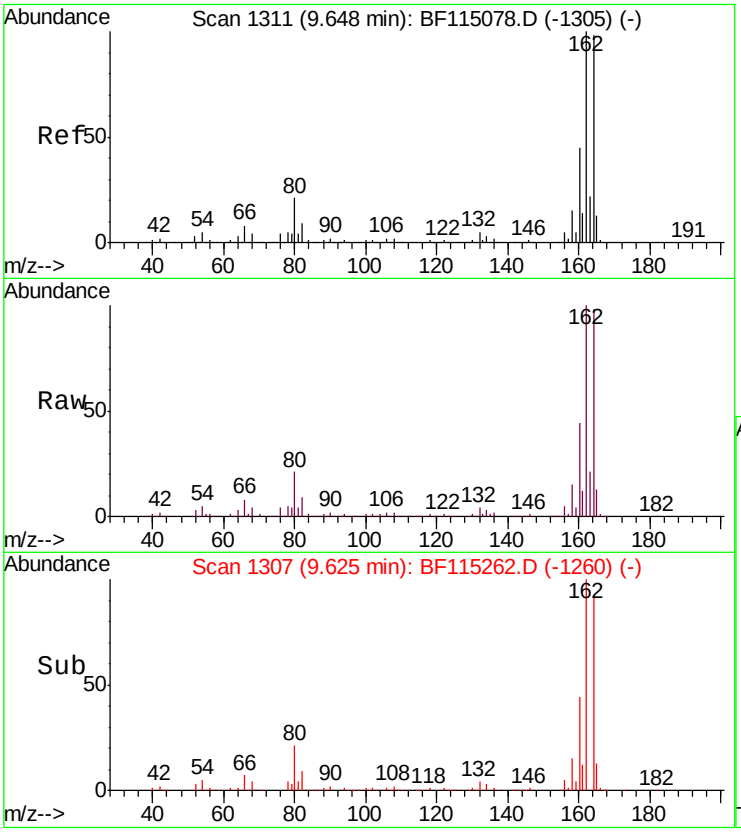


#38
1-Methylnaphthalene
Concen: 1.404 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:142 Resp: 39633

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	3.6	2.8	4.2



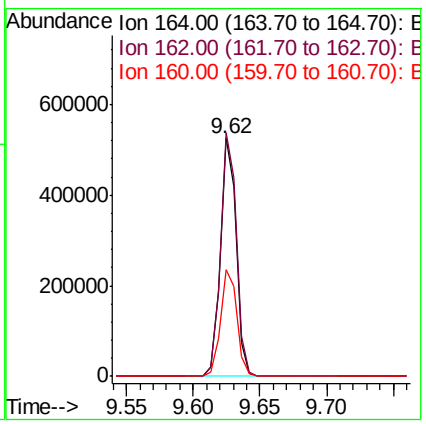


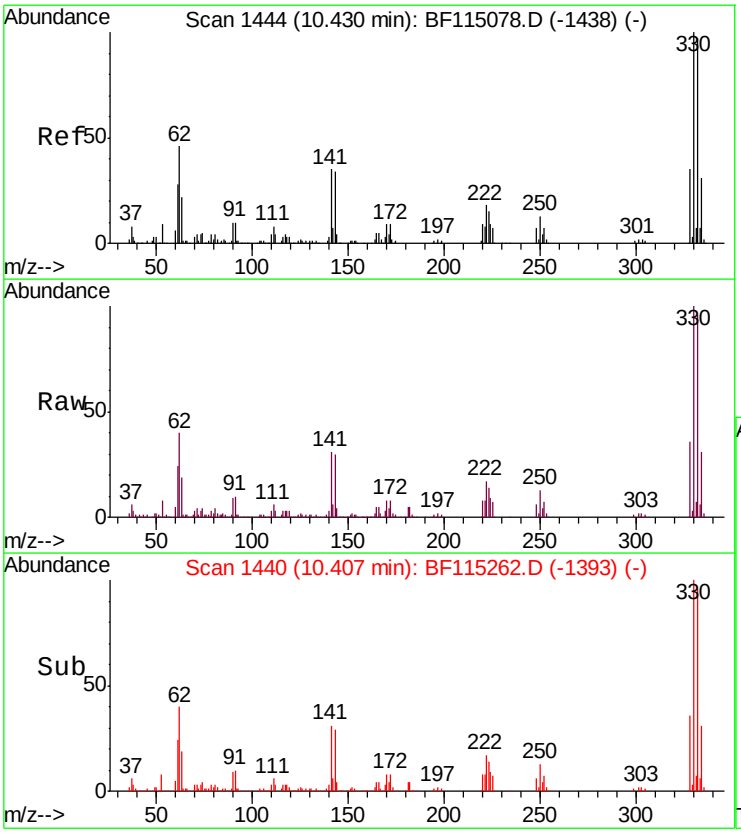
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:164 Resp: 438084

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	45.1	37.0	55.4

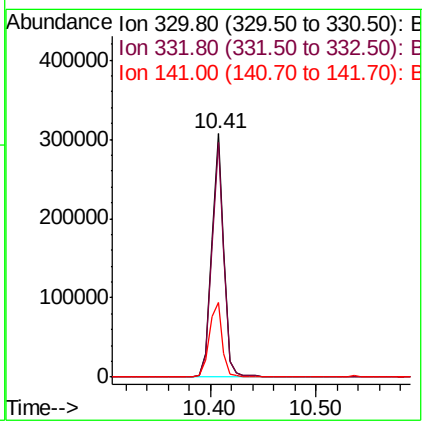


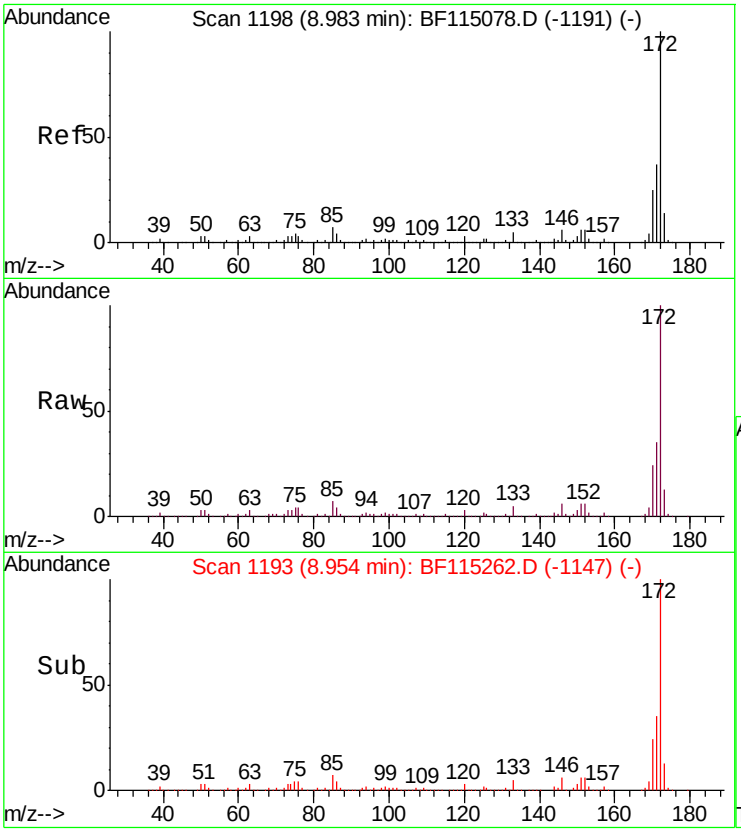


#42
2,4,6-Tribromophenol
Concen: 54.522 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:330 Resp: 251878

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.2	28.2	42.2



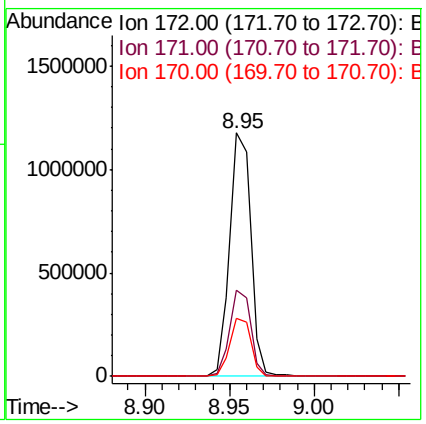


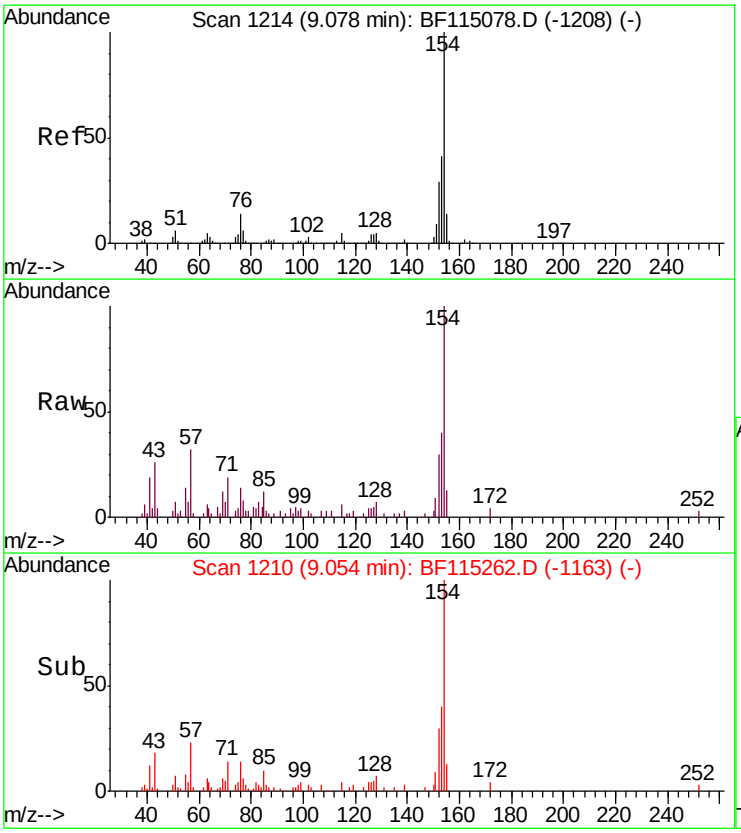
#45
2-Fluorobiphenyl
Concen: 39.784 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:172 Resp: 1026049

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	24.0	20.3	30.5

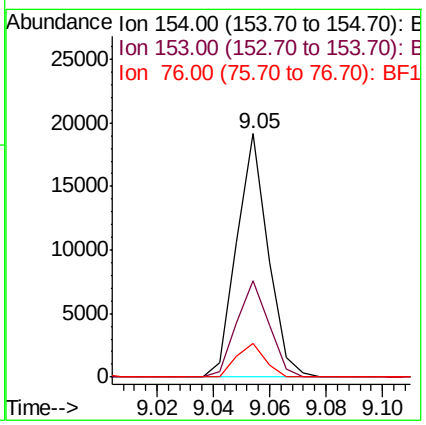


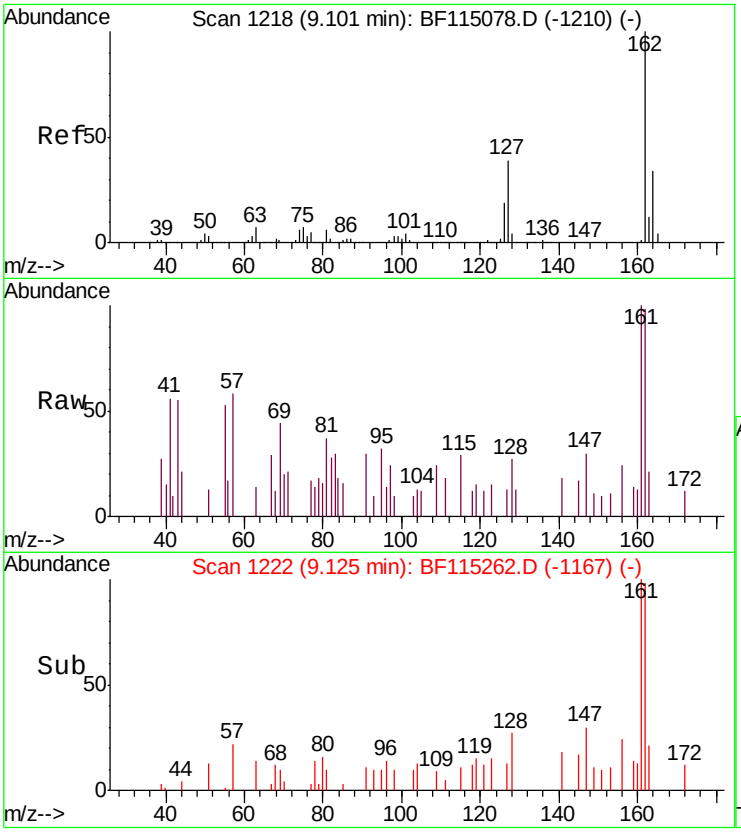


#46
1,1'-Biphenyl
Concen: 0.422 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:154 Resp: 14782

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.9	60.9
76	13.8	0.0	34.1



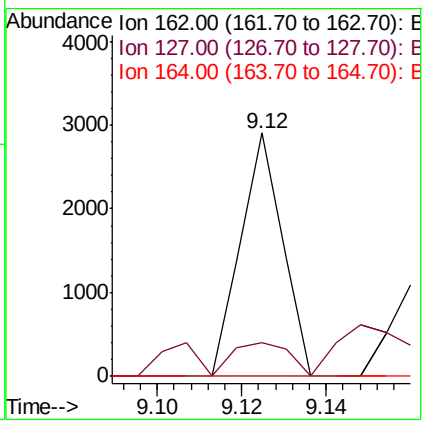


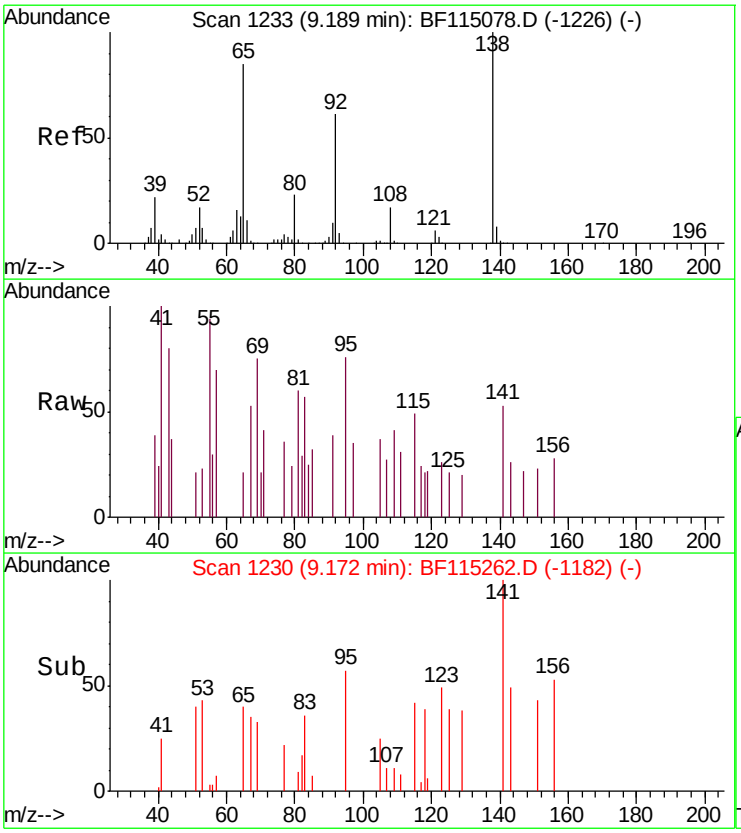
#47
2-Chloronaphthalene
Concen: 0.071 ng
RT: 9.12 min Scan# 1222
Delta R.T. 0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:162 Resp: 2007

Ion	Ratio	Lower	Upper
162	100		
127	13.8	30.8	46.2#
164	0.0	27.0	40.4#

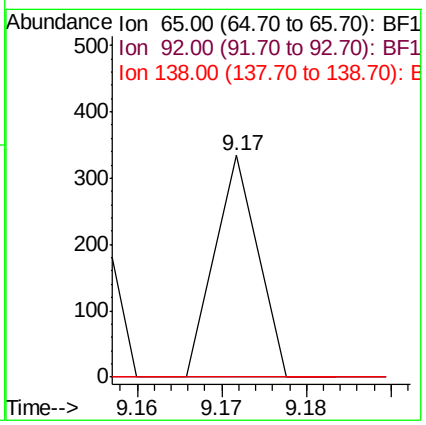


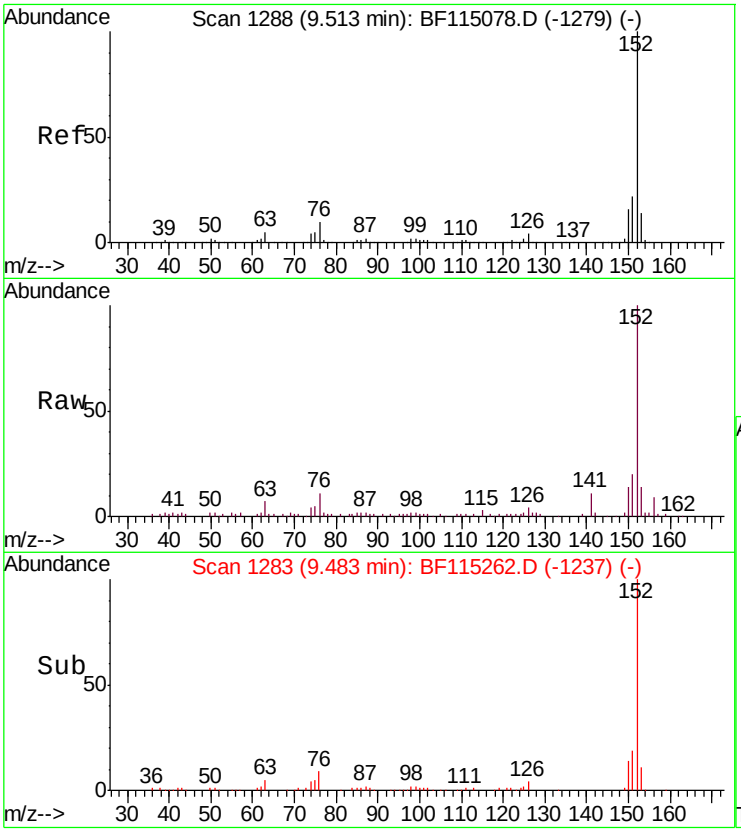


#48
2-Nitroaniline
Concen: 0.014 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 65 Resp: 118

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.4	86.2#
138	0.0	94.1	141.1#



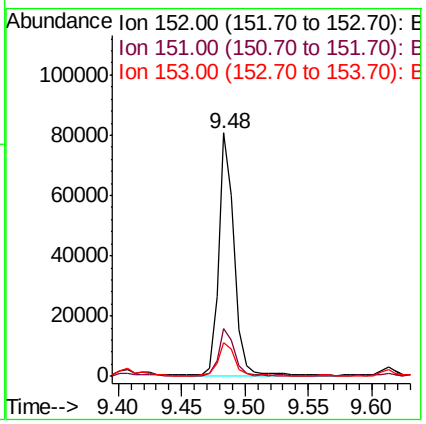


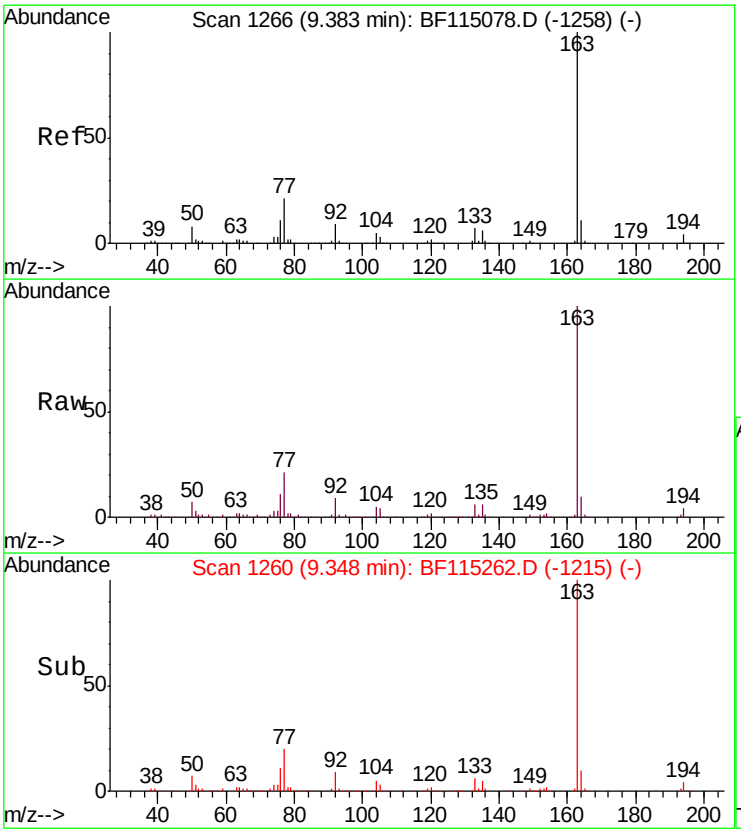
#49
Acenaphthylene
Concen: 1.536 ng
RT: 9.48 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Tgt Ion:152 Resp: 68056

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.8	11.0	16.6

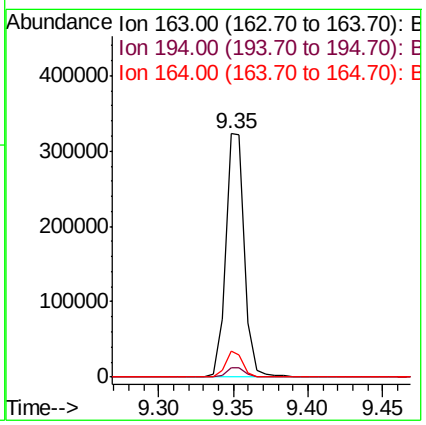


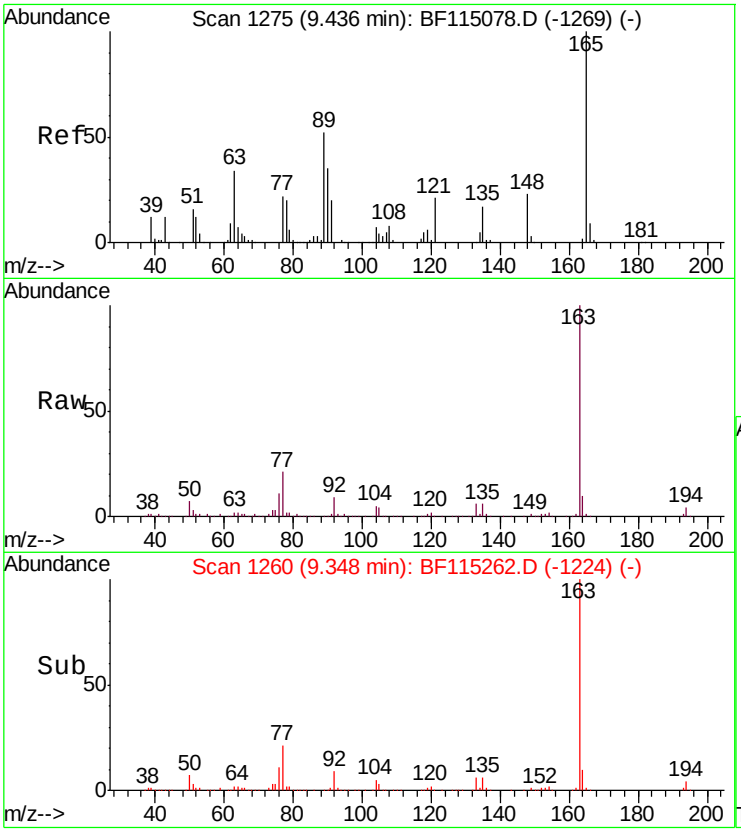


#50
Dimethylphthalate
Concen: 8.953 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:163 Resp: 288575

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	8.6	13.0



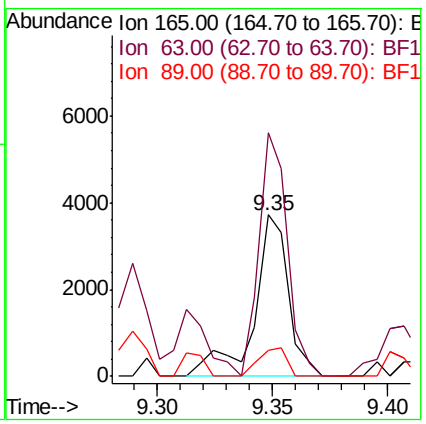


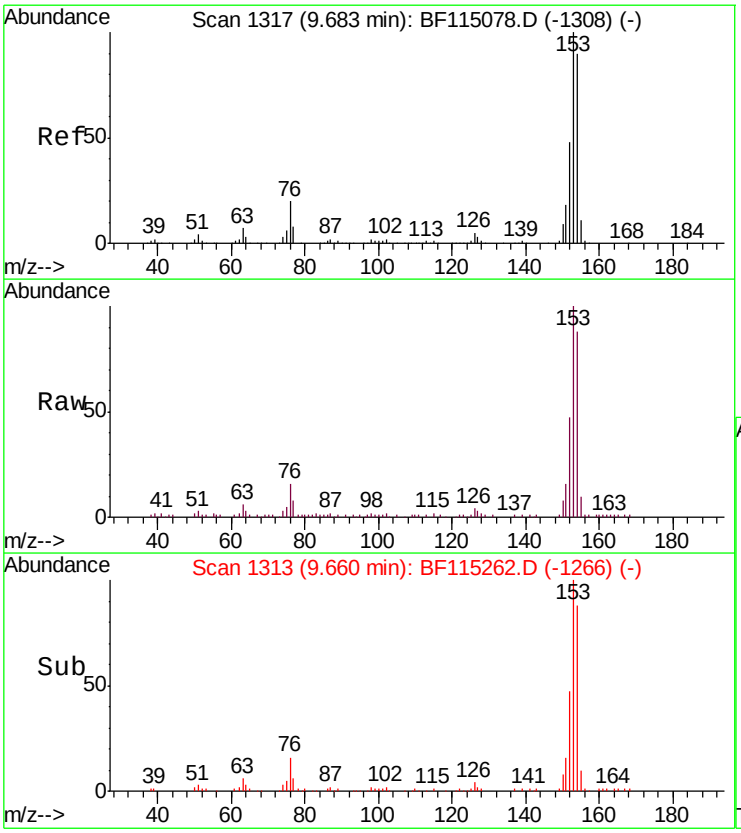
#51
2,6-Dinitrotoluene
Concen: 0.521 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.09 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:165 Resp: 3874

Ion	Ratio	Lower	Upper
165	100		
63	151.0	39.4	59.2#
89	16.4	42.0	63.0#

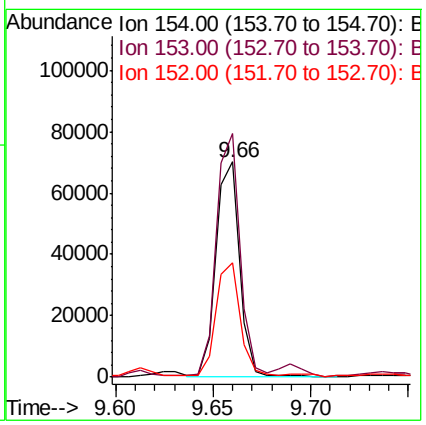


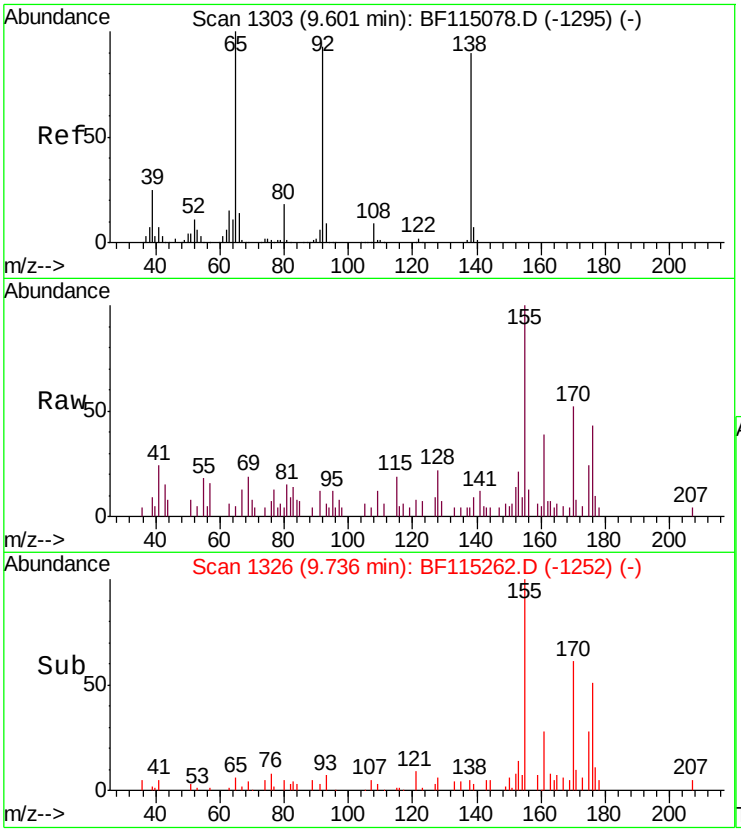


#52
Acenaphthene
Concen: 2.145 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:154 Resp: 59466

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.7	133.1
152	53.3	42.6	64.0



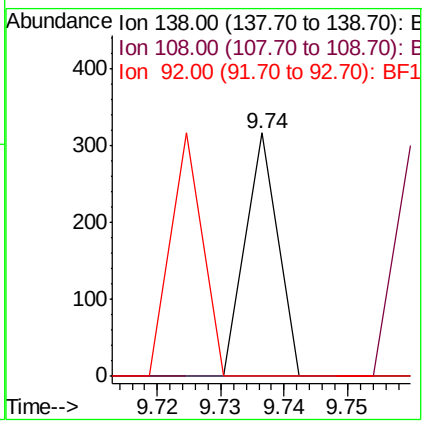


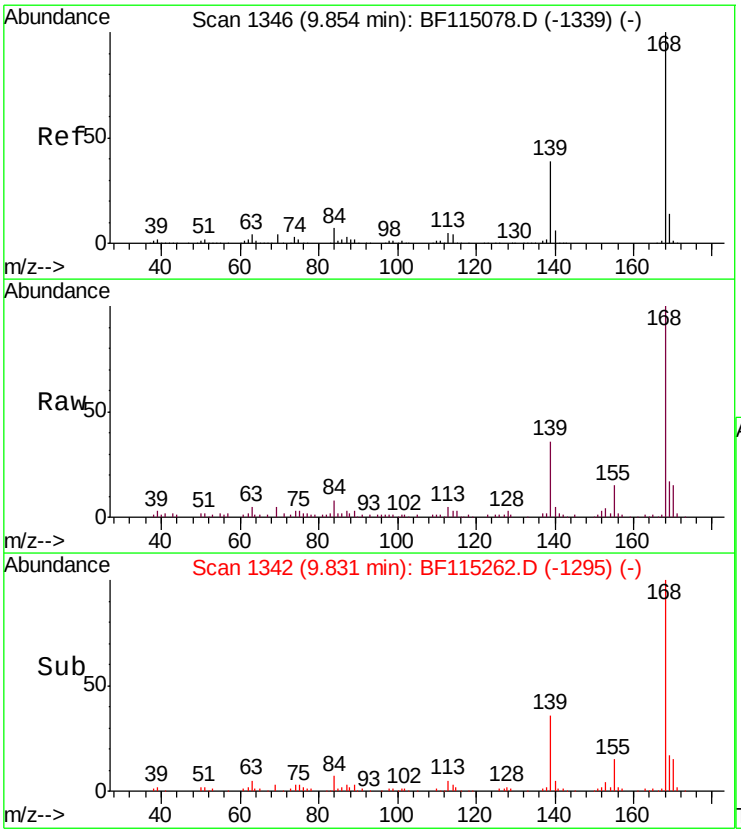
#53
3-Nitroaniline
Concen: 0.012 ng
RT: 9.74 min Scan# 1326
Delta R.T. 0.14 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:138 Resp: 112

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.8	11.6#
92	0.0	82.9	124.3#

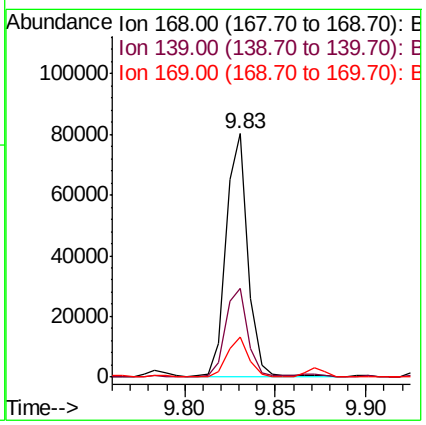


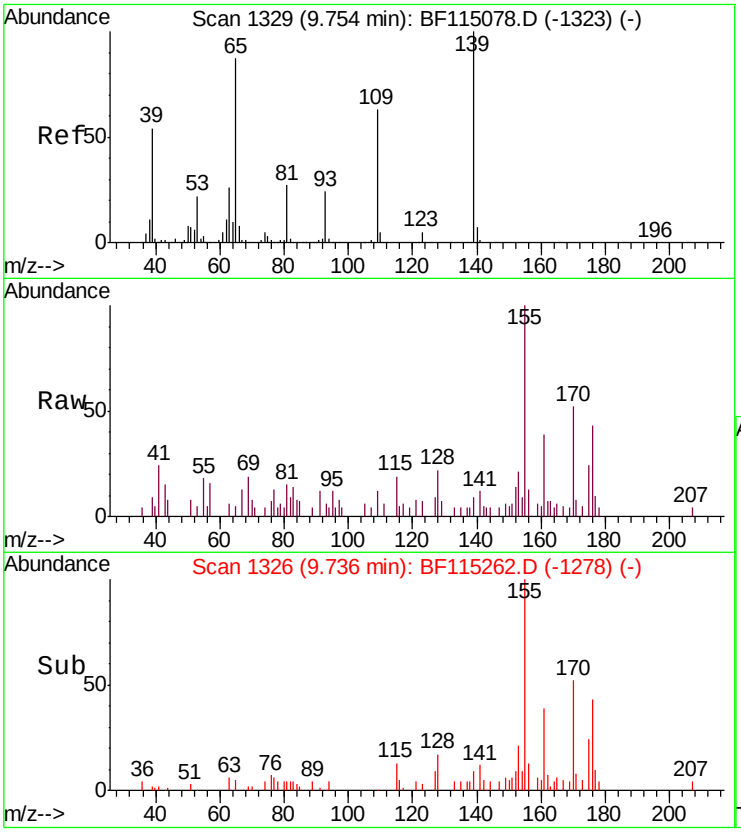


#55
Dibenzofuran
Concen: 1.694 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:168 Resp: 67390

Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.1	46.7
169	16.7	11.3	16.9



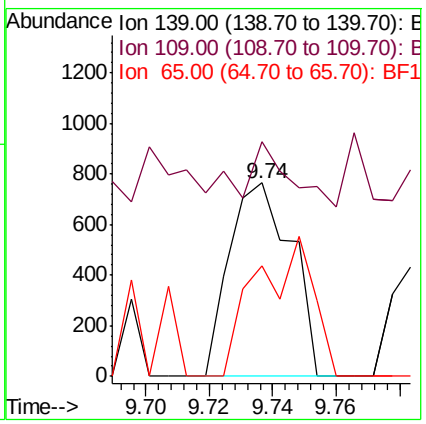


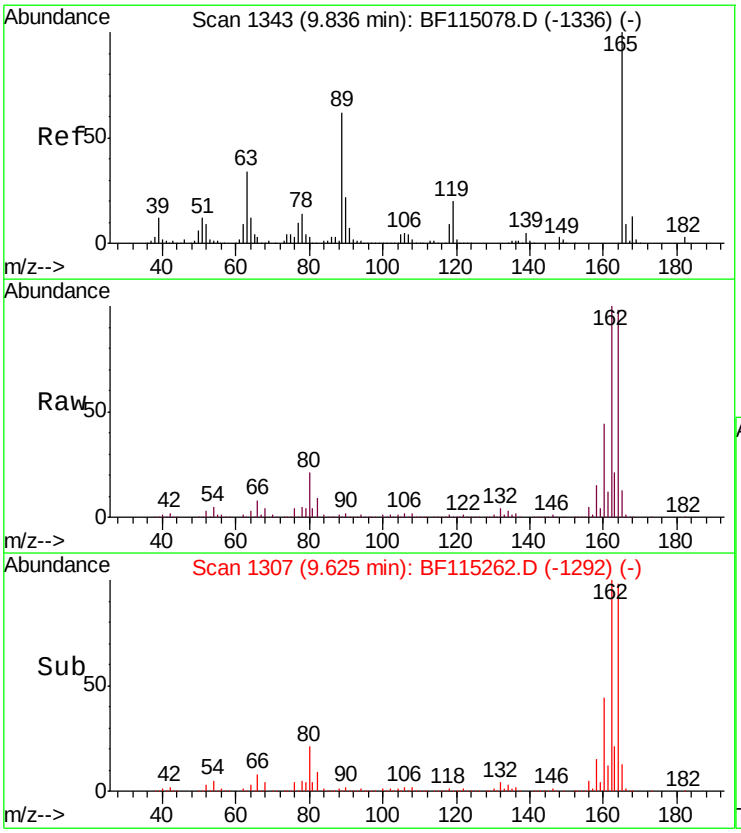
#56
4-Nitrophenol
Concen: 0.142 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:139 Resp: 1036

Ion	Ratio	Lower	Upper
139	100		
109	121.3	43.0	83.0#
65	57.2	67.0	107.0#

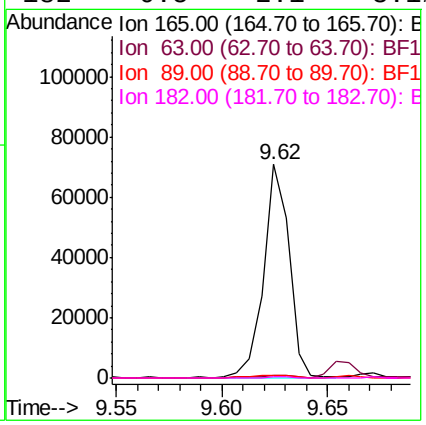


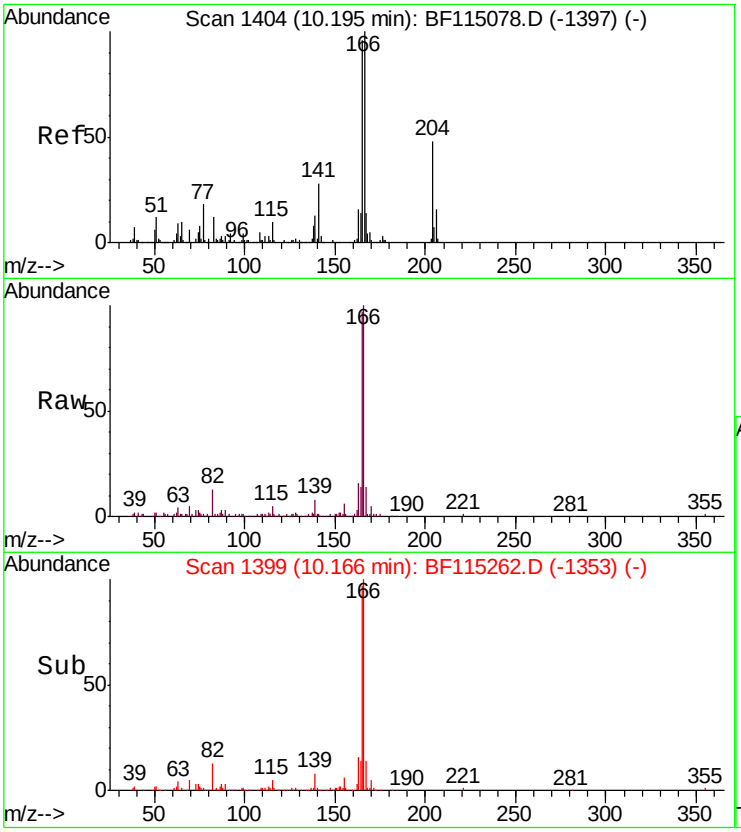


#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:165 Resp: 60038

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.1	49.9	74.9#
182	0.5	2.1	3.1#



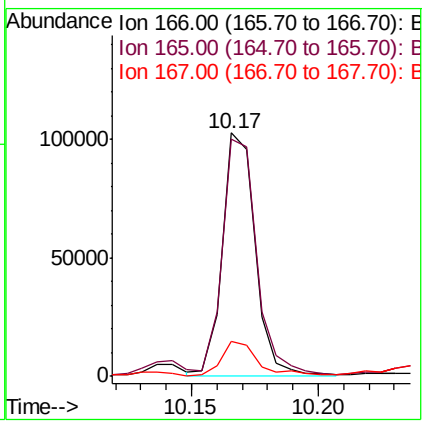


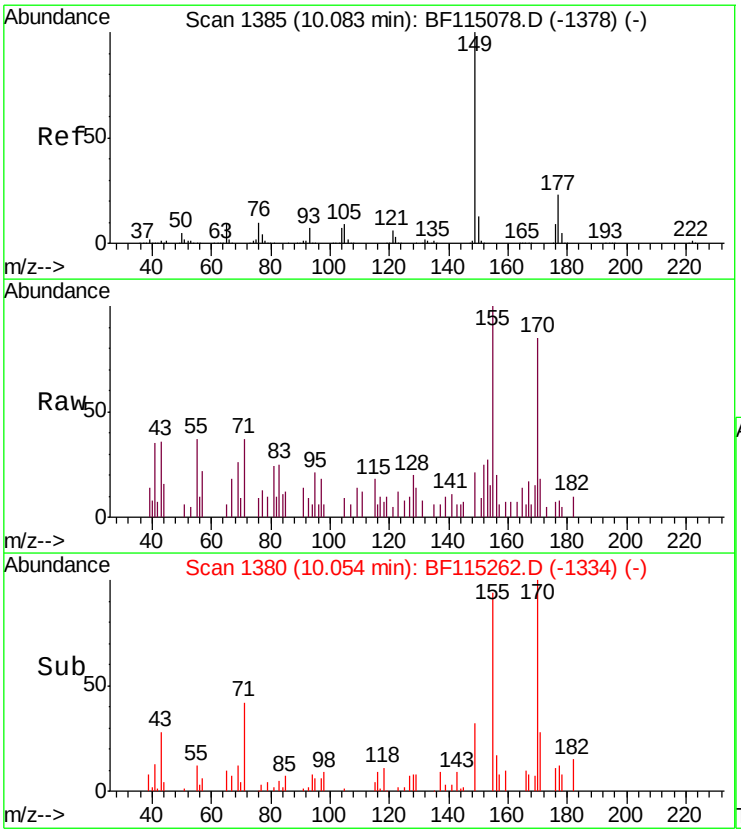
#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:166 Resp: 92047

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.5	114.7
167	14.5	11.0	16.4

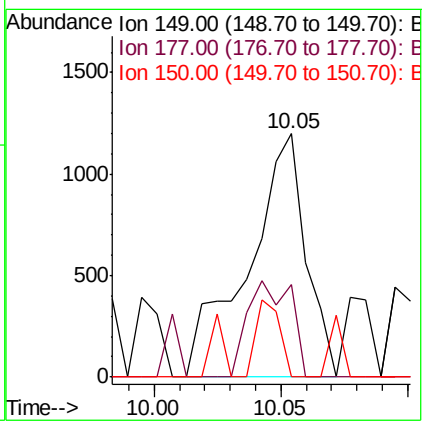


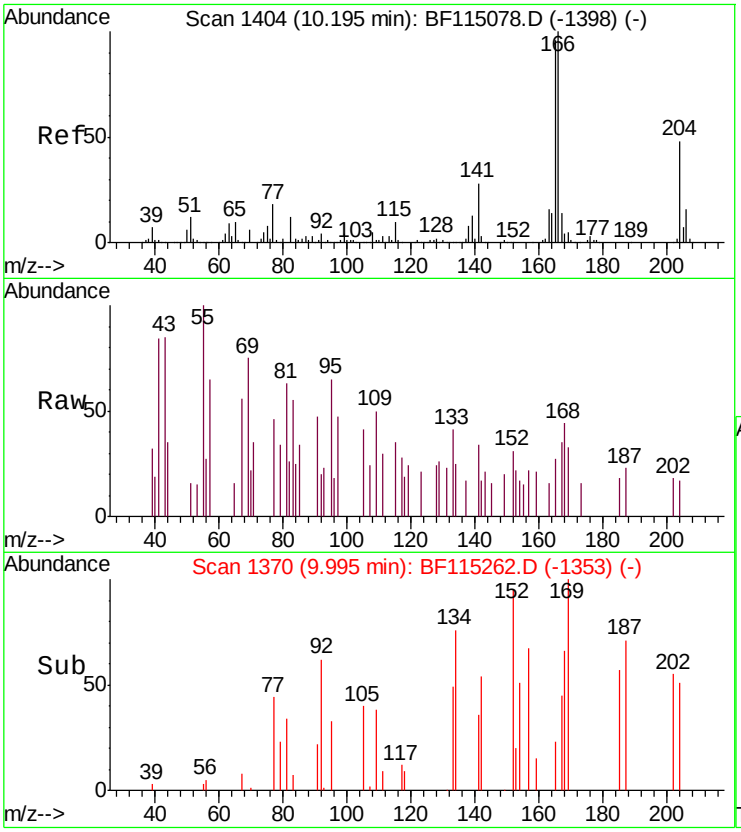


#60
Diethylphthalate
Concen: 0.059 ng
RT: 10.05 min Scan# 1380
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:149 Resp: 1917

Ion	Ratio	Lower	Upper
149	100		
177	37.9	18.7	28.1#
150	0.0	10.4	15.6#



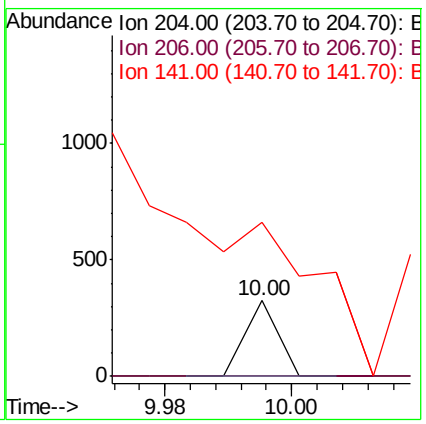


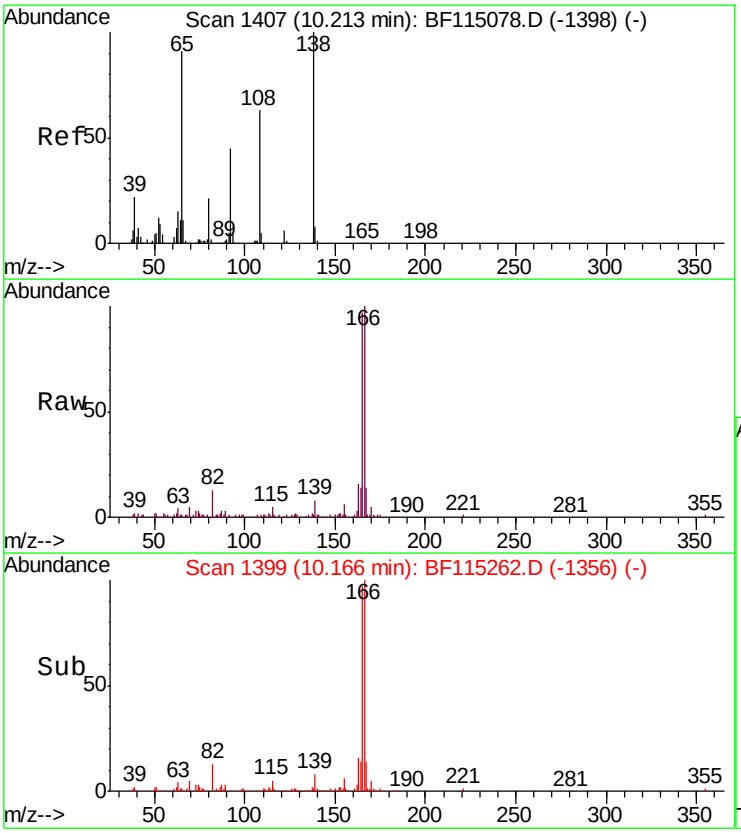
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.00 min Scan# 1370
Delta R.T. -0.20 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:204 Resp: 115

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	202.8	46.7	70.1#

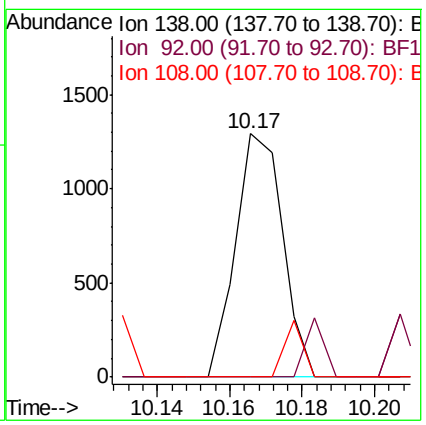


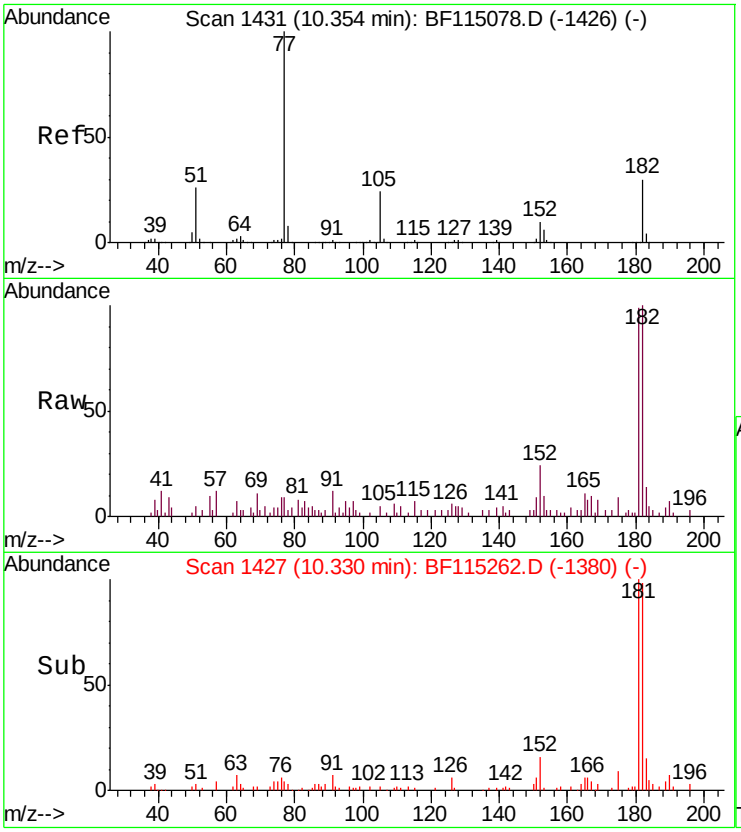


#62
4-Nitroaniline
Concen: 0.128 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.05 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:138 Resp: 1164

Ion	Ratio	Lower	Upper
138	100		
92	0.0	24.8	64.8#
108	0.0	43.3	83.3#



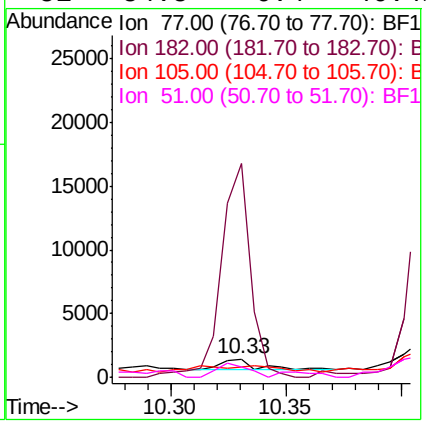


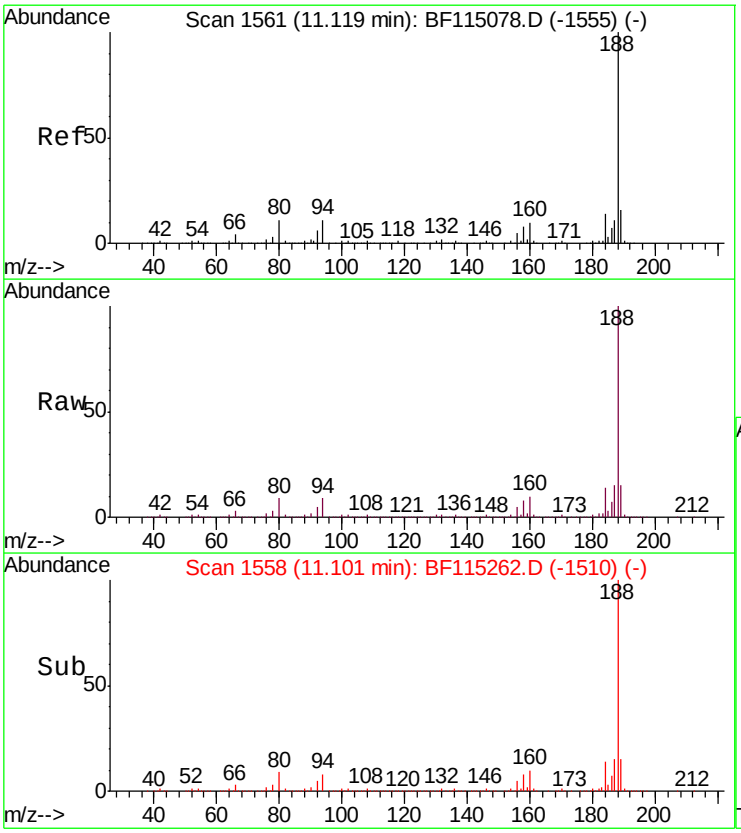
#63
Azobenzene
Concen: 0.034 ng
RT: 10.33 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 77 Resp: 1040

Ion	Ratio	Lower	Upper
77	100		
182	1150.1	10.1	50.1#
105	56.3	4.5	44.5#
51	54.5	6.4	46.4#

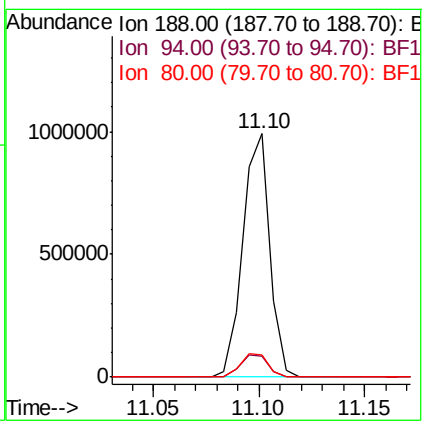


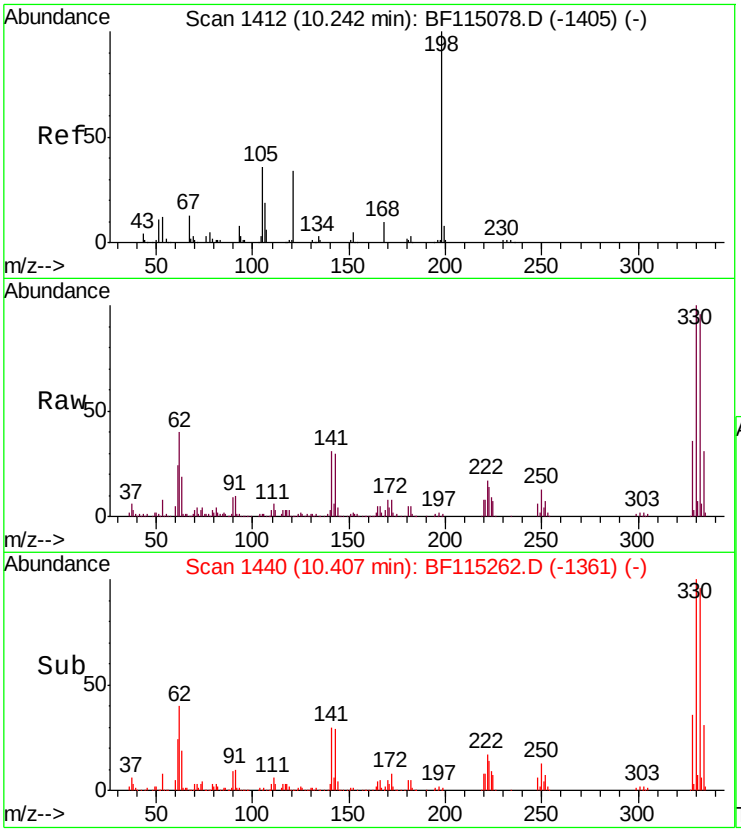


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:188 Resp: 874423

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.6	12.8#
80	9.2	8.8	13.2



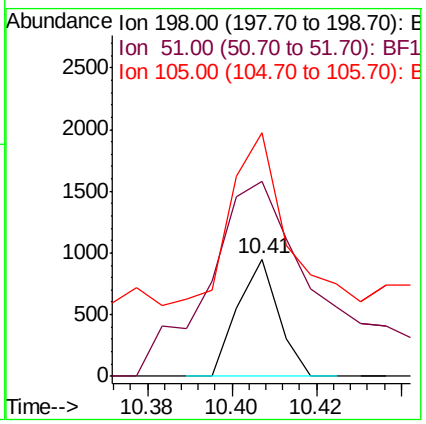


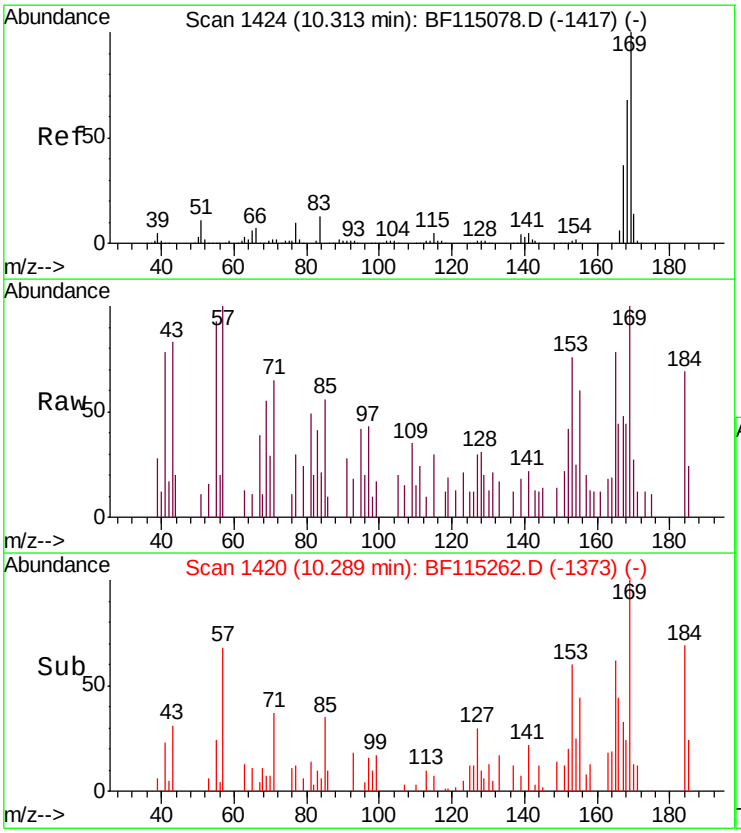
#65
4,6-Dinitro-2-methylphenol
Concen: 5.083 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.16 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:198 Resp: 638

Ion	Ratio	Lower	Upper
198	100		
51	166.0	11.0	51.0#
105	207.5	17.3	57.3#

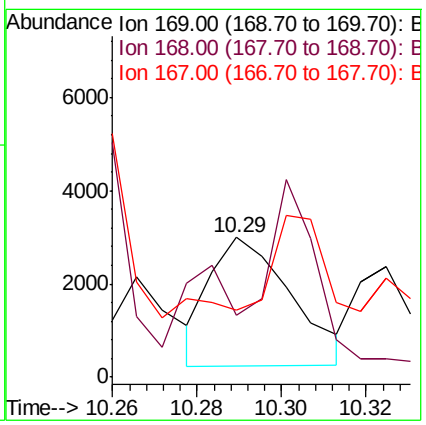


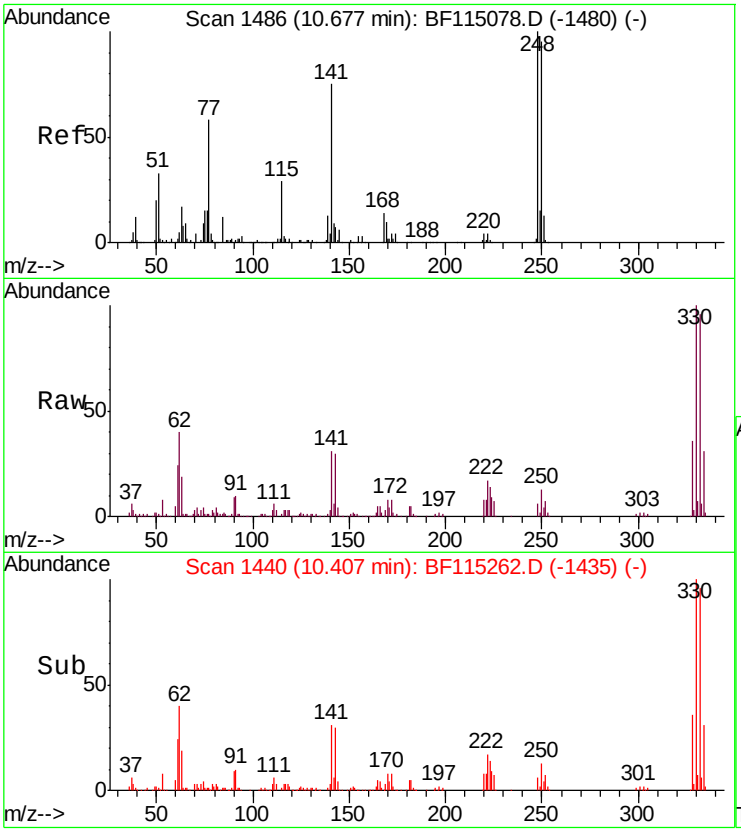


#66
n-Nitrosodiphenylamine
Concen: 0.134 ng
RT: 10.29 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:169 Resp: 3663

Ion	Ratio	Lower	Upper
169	100		
168	44.3	54.2	81.4#
167	47.7	29.4	44.0#



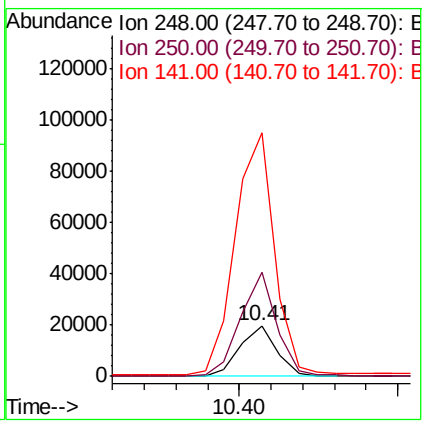


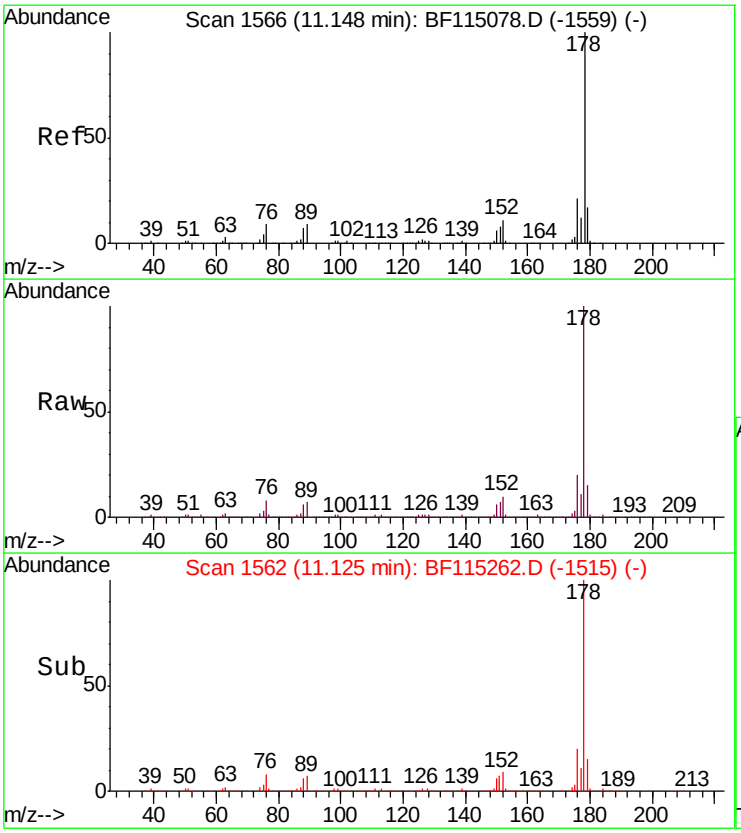
#67
4-Bromophenyl-phenylether
Concen: 1.675 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.27 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:248 Resp: 15881

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.2	114.2#
141	478.1	59.6	89.4#

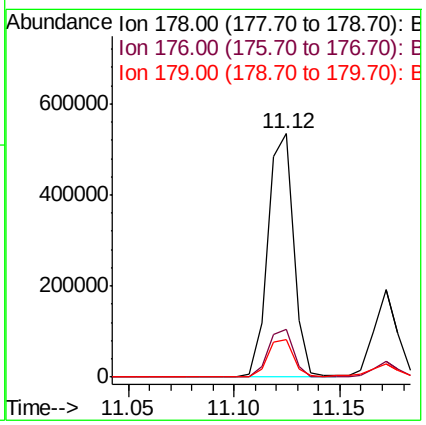


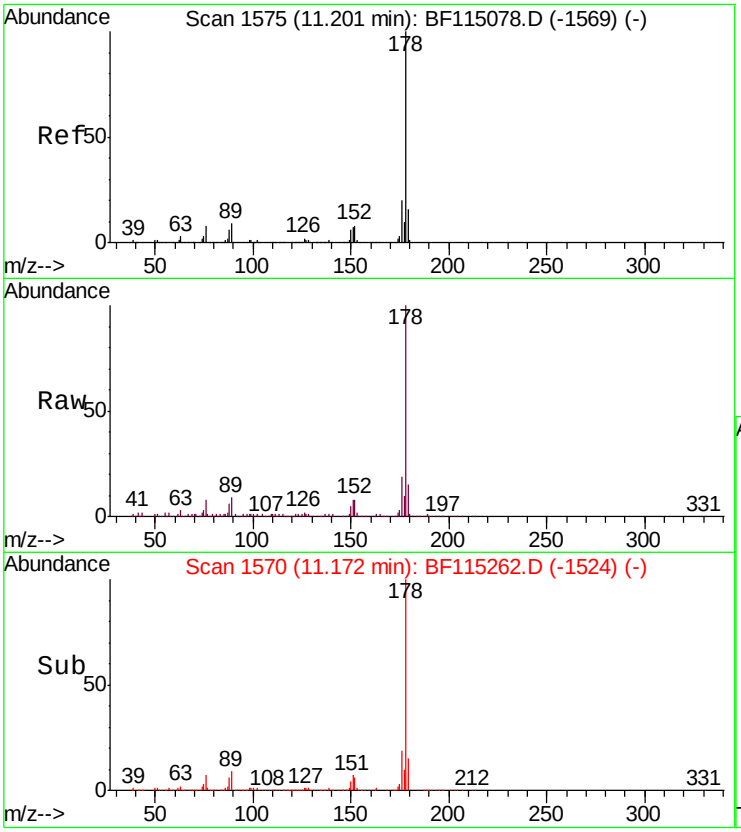


#71
Phenanthrene
Concen: 9.599 ng
RT: 11.12 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:178 Resp: 451940

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.9	25.3
179	15.5	13.2	19.8



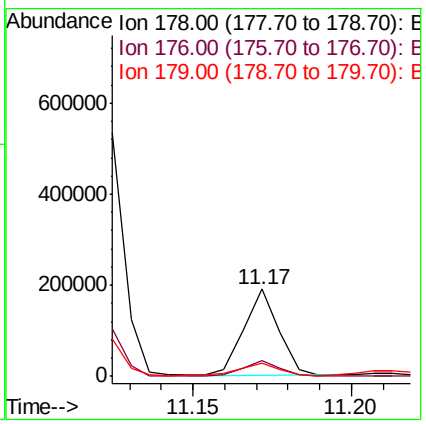


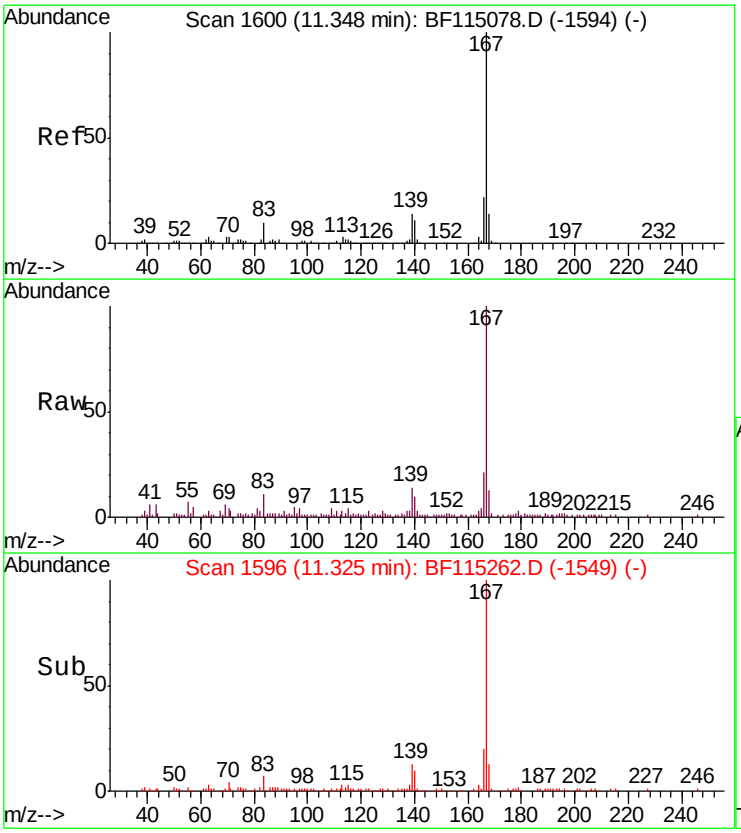
#72
Anthracene
Concen: 3.035 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:178 Resp: 144230

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.1	24.1
179	15.4	12.9	19.3

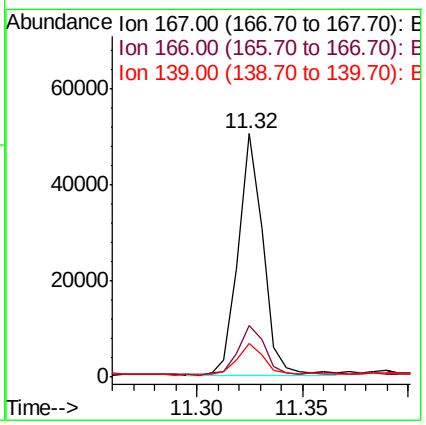


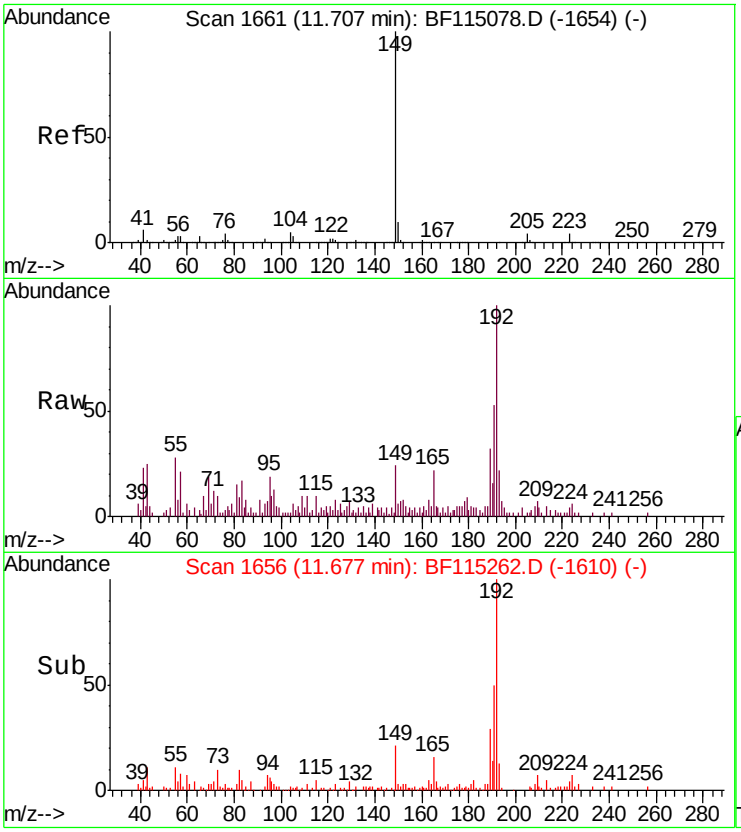


#73
Carbazole
Concen: 0.966 ng
RT: 11.32 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:167 Resp: 40991

Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.0	27.0
139	14.1	11.1	16.7



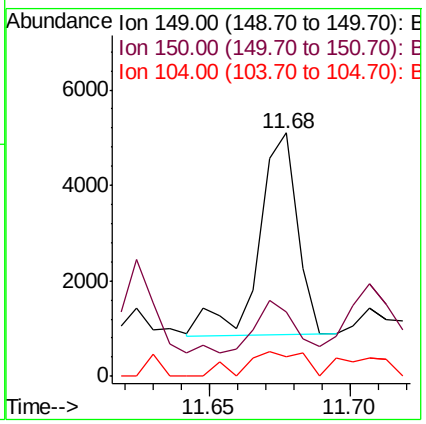


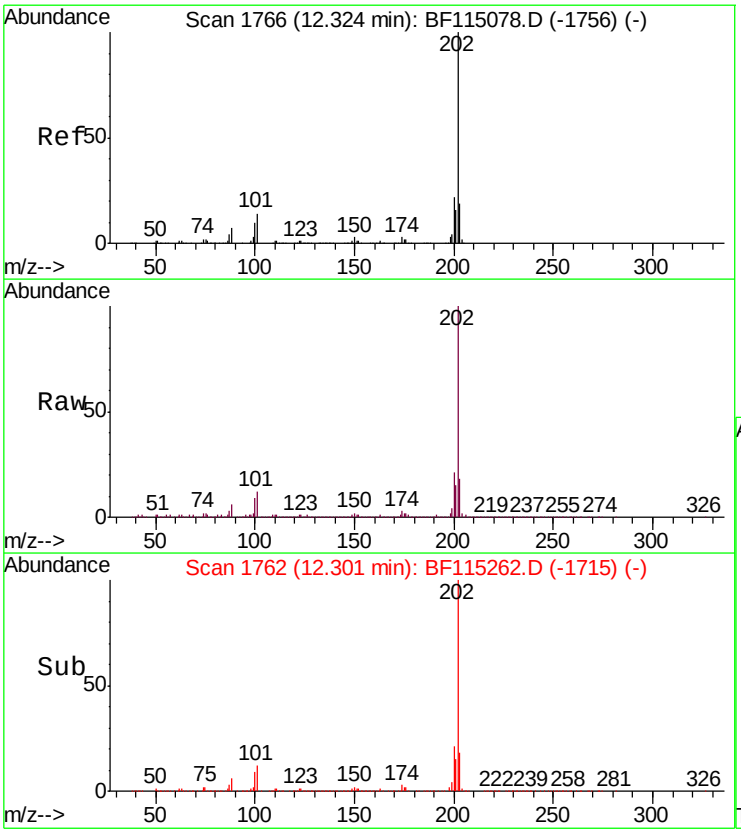
#74
Di-n-butylphthalate
Concen: 0.083 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:149 Resp: 4056

Ion	Ratio	Lower	Upper
149	100		
150	26.6	7.8	11.8#
104	8.2	3.7	5.5#

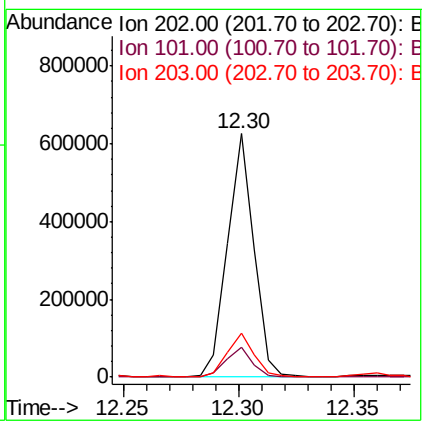


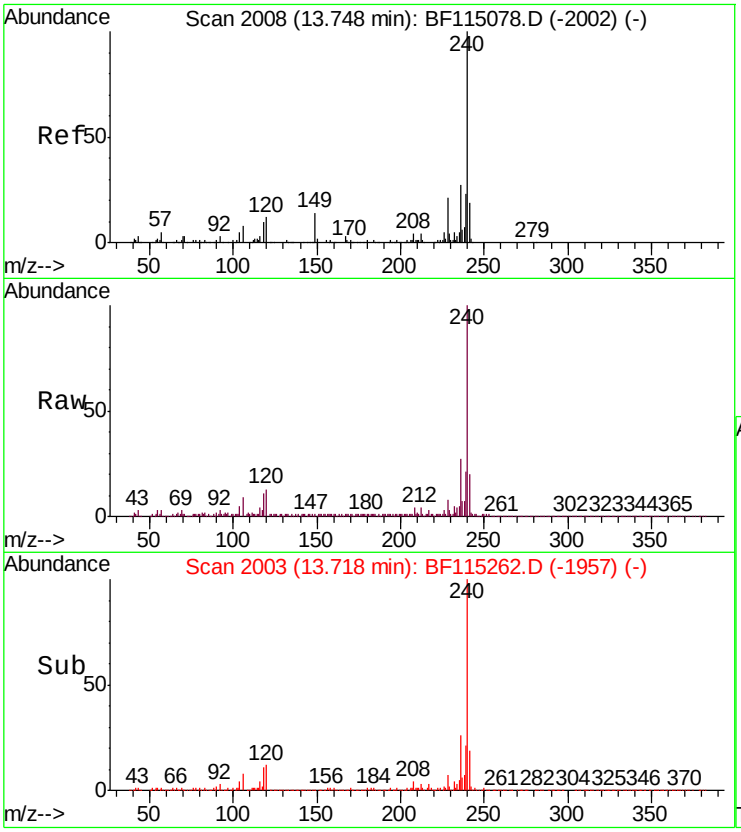


#75
Fluoranthene
Concen: 10.578 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:202 Resp: 496906

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.0
203	18.2	0.0	38.8



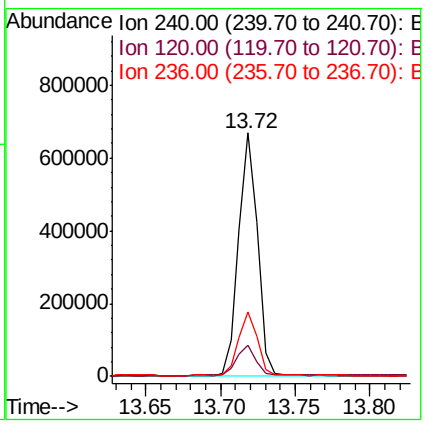


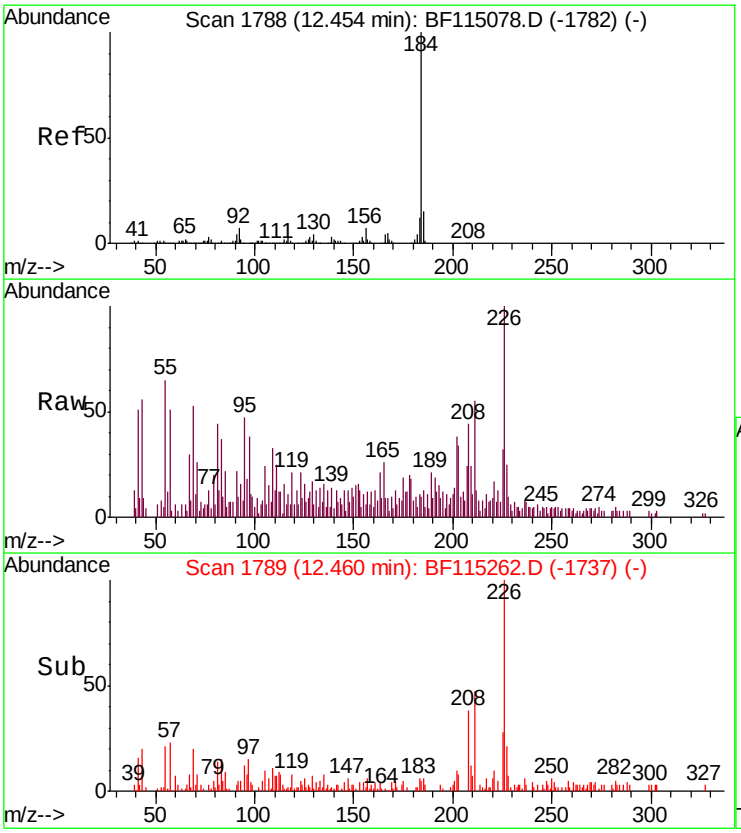
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:240 Resp: 590273

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.2
236	26.7	21.7	32.5

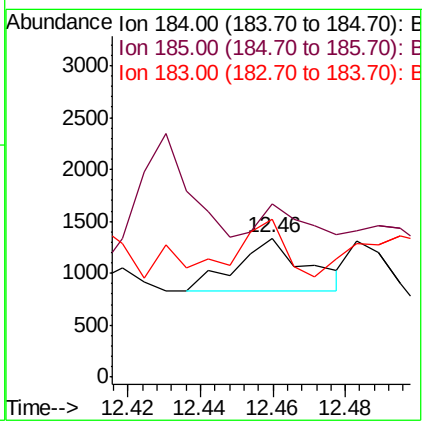


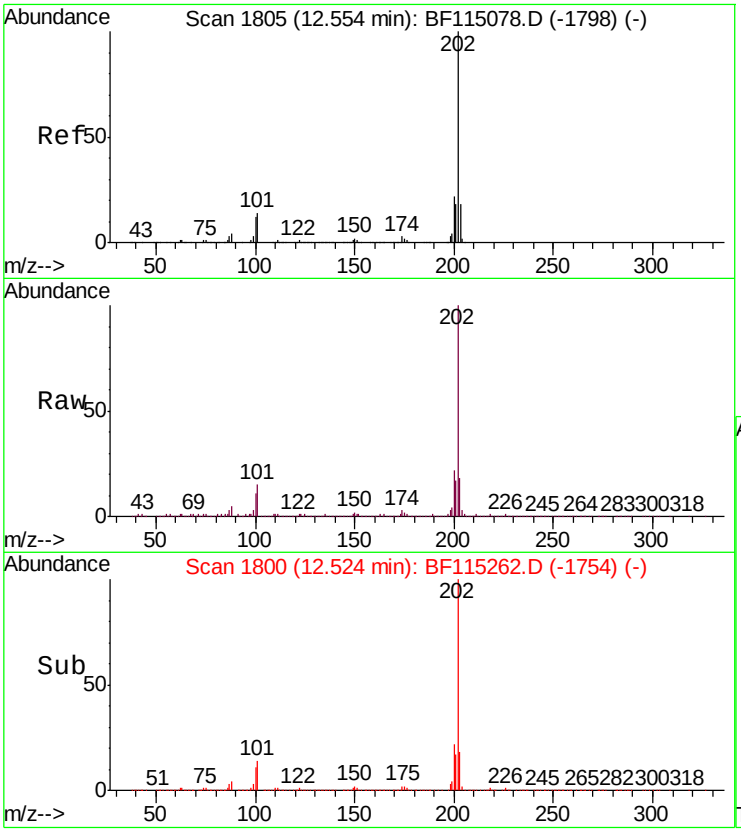


#77
Benzidine
Concen: 0.025 ng
RT: 12.46 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:184 Resp: 666

Ion	Ratio	Lower	Upper
184	100		
185	124.2	12.2	18.2#
183	113.0	9.6	14.4#



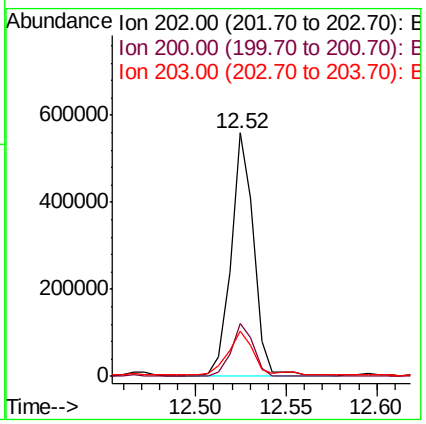


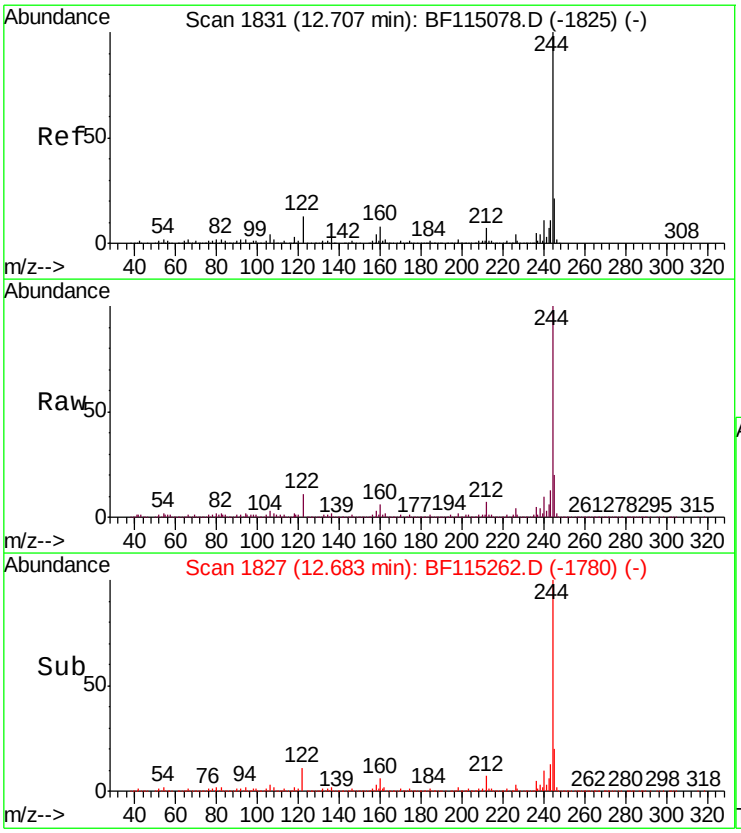
#78
Pyrene
Concen: 10.547 ng
RT: 12.52 min Scan# 1800
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:202 Resp: 478458

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	18.4	14.6	21.8

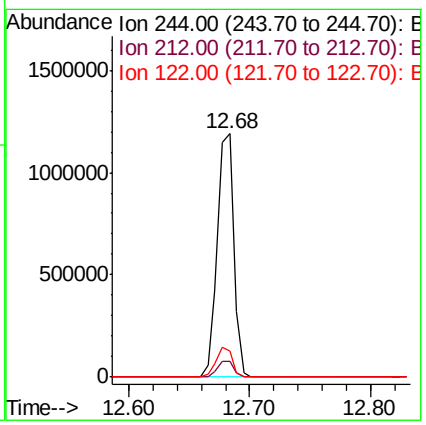


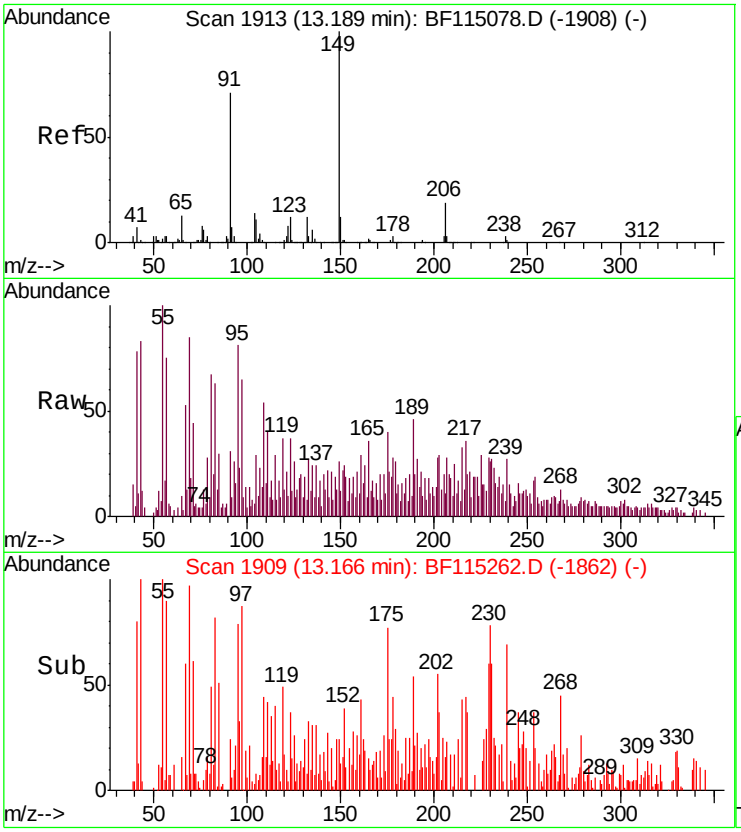


#79
Terphenyl-d14
Concen: 40.517 ng
RT: 12.68 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:244 Resp: 1124853

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.6	10.4	15.6



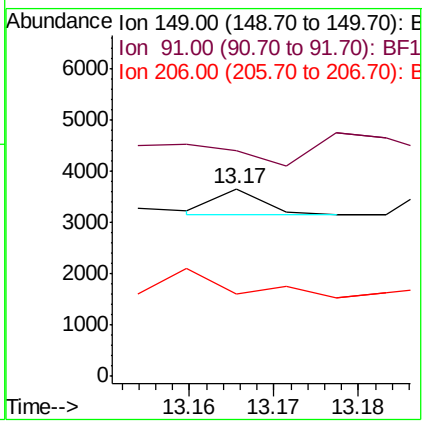


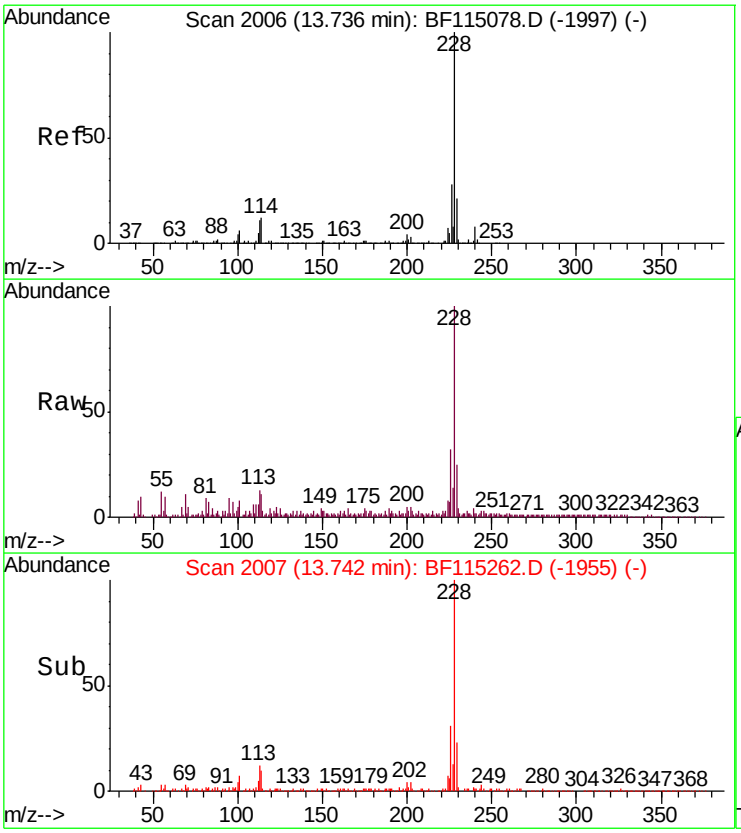
#80
Butylbenzylphthalate
Concen: 0.010 ng
RT: 13.17 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:149 Resp: 201

Ion	Ratio	Lower	Upper
149	100		
91	120.4	56.5	84.7#
206	44.2	15.3	22.9#

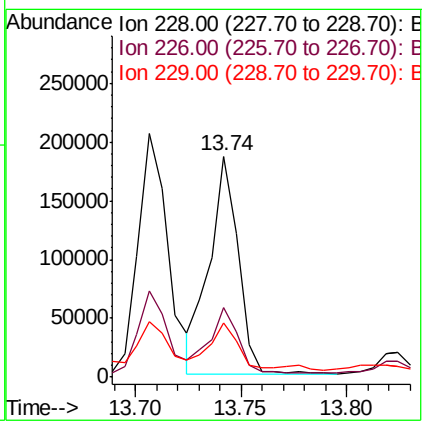


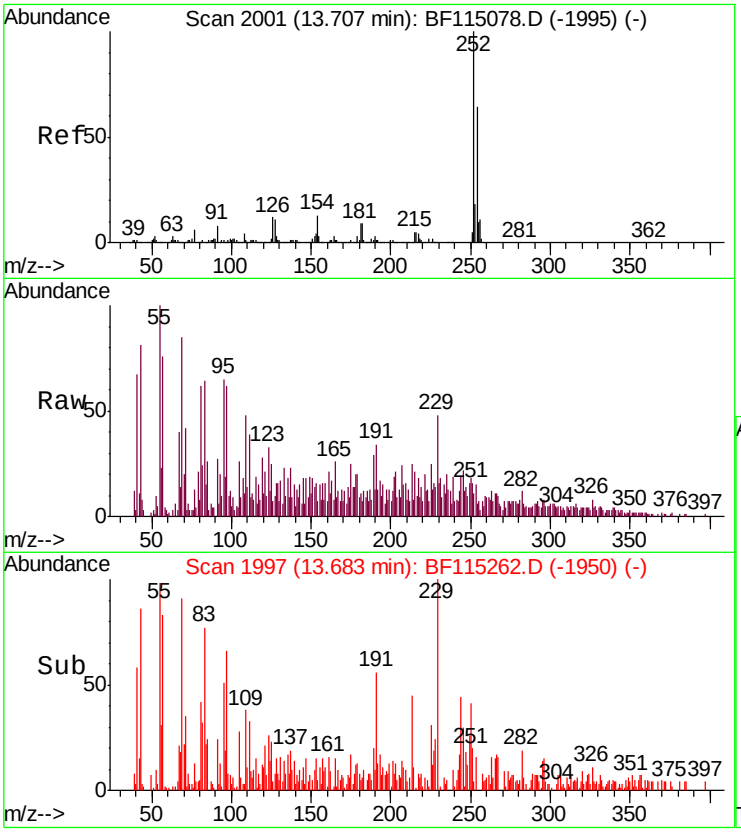


#81
Benzo(a)anthracene
Concen: 4.156 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:228 Resp: 176037

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.5	33.7
229	24.6	16.6	24.8



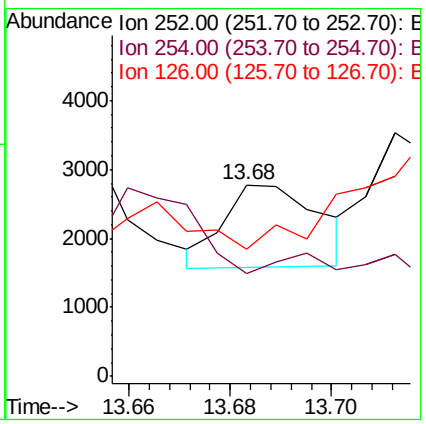


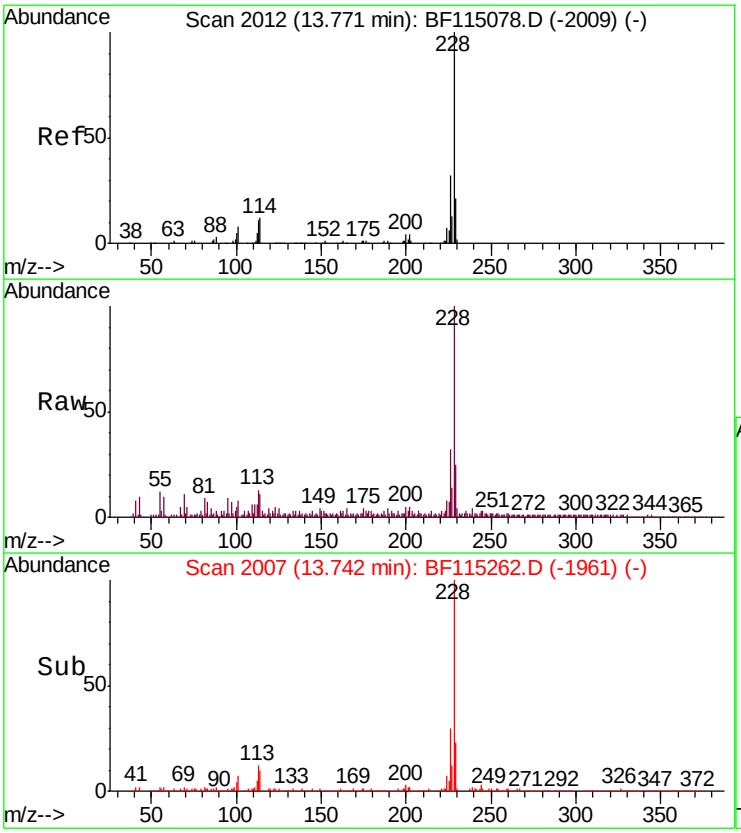
#82
3,3'-Dichlorobenzidine
Concen: 0.102 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:252 Resp: 1557

Ion	Ratio	Lower	Upper
252	100		
254	53.9	51.1	76.7
126	66.4	9.4	14.0#

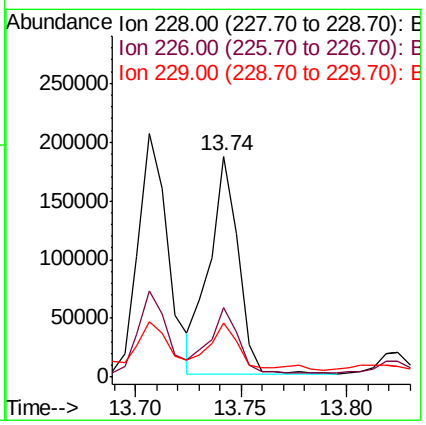


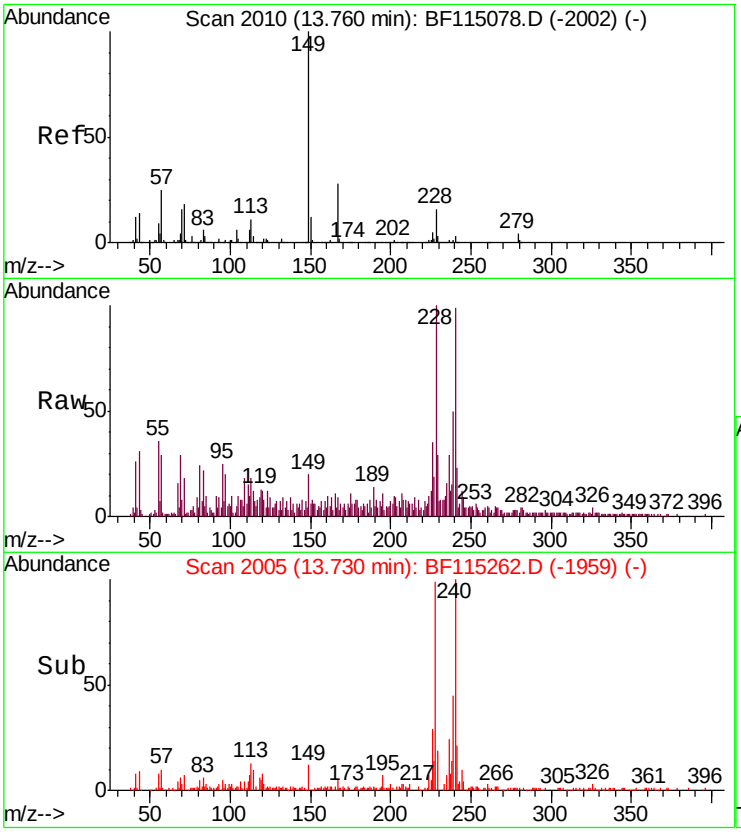


#83
Chrysene
Concen: 4.537 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:228 Resp: 176037

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	24.6	16.5	24.7



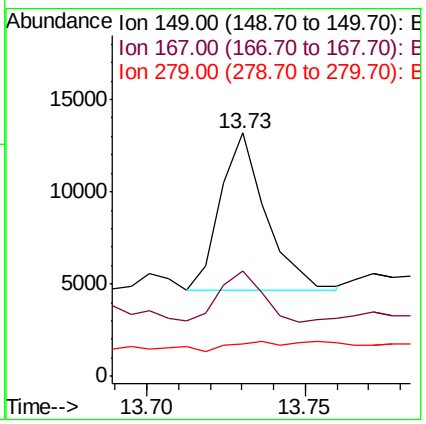


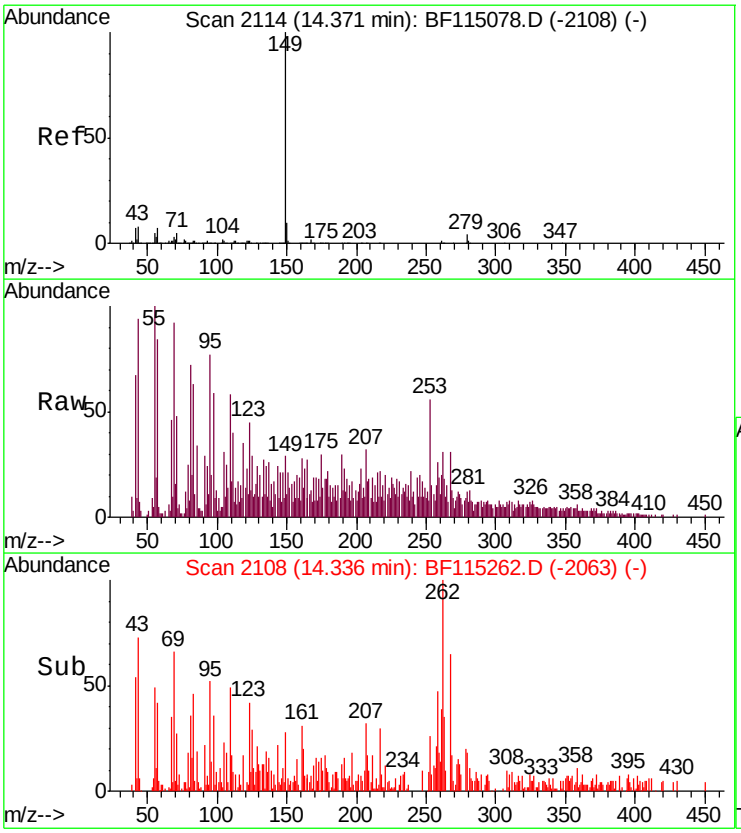
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:149 Resp: 8420

Ion	Ratio	Lower	Upper
149	100		
167	43.1	22.2	33.4#
279	13.5	2.9	4.3#

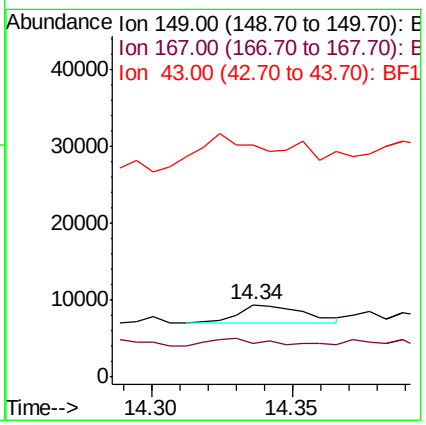


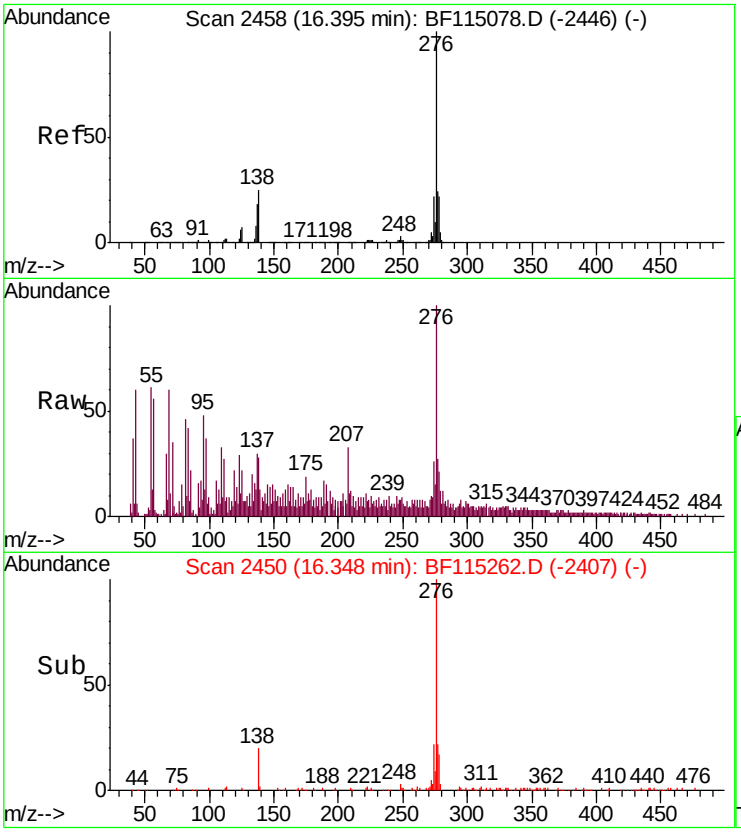


#85
Di-n-octyl phthalate
Concen: 0.082 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.04 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:149 Resp: 3609

Ion	Ratio	Lower	Upper
149	100		
167	39.2	1.2	1.8#
43	222.5	7.0	10.6#



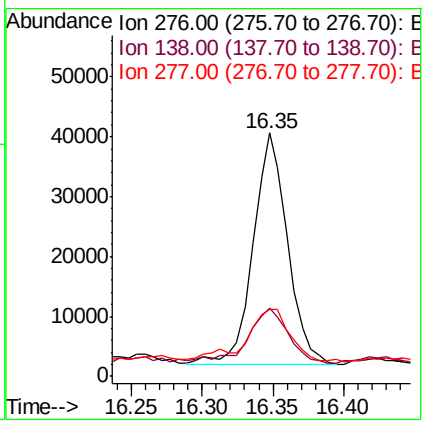


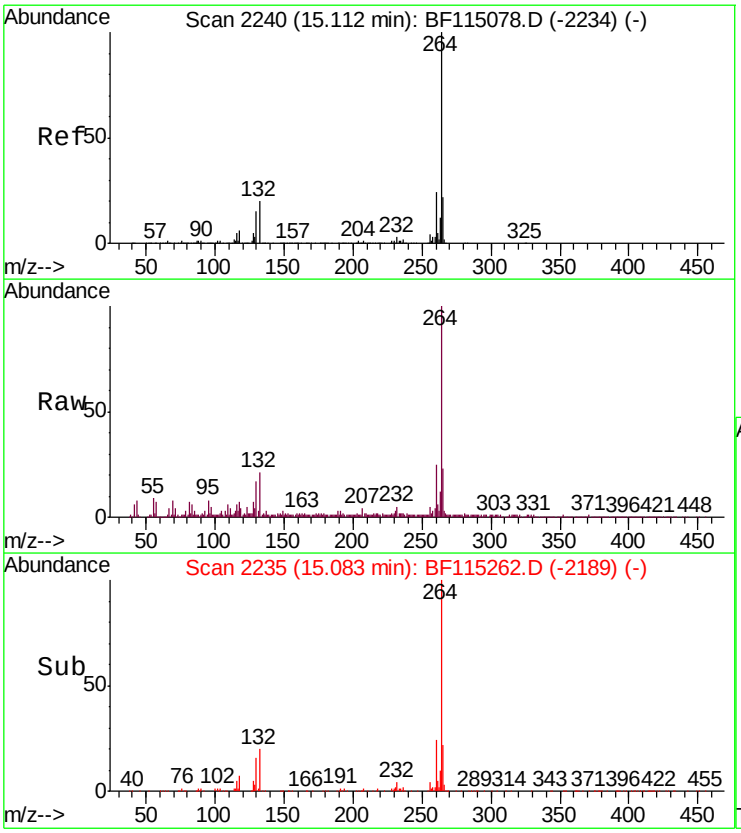
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.444 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.05 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:276 Resp: 66299

Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.2	34.8
277	23.7	20.1	30.1

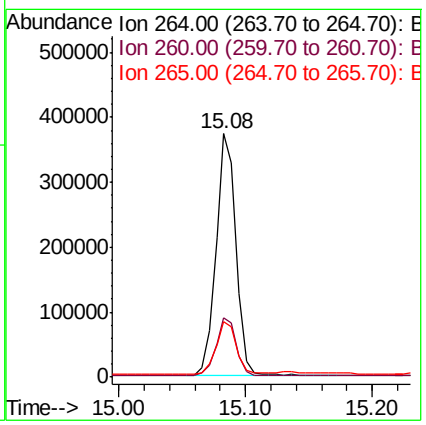


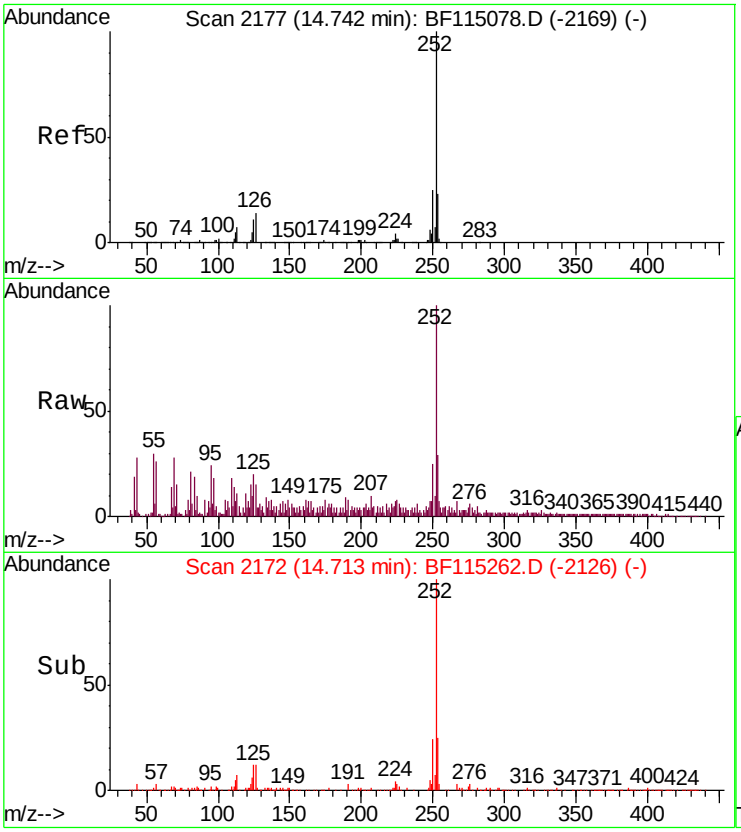


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:264 Resp: 407345

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.8	17.3	25.9



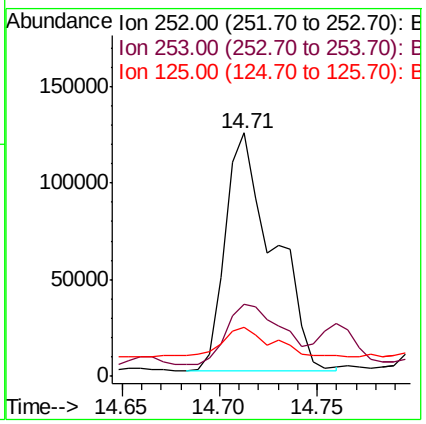


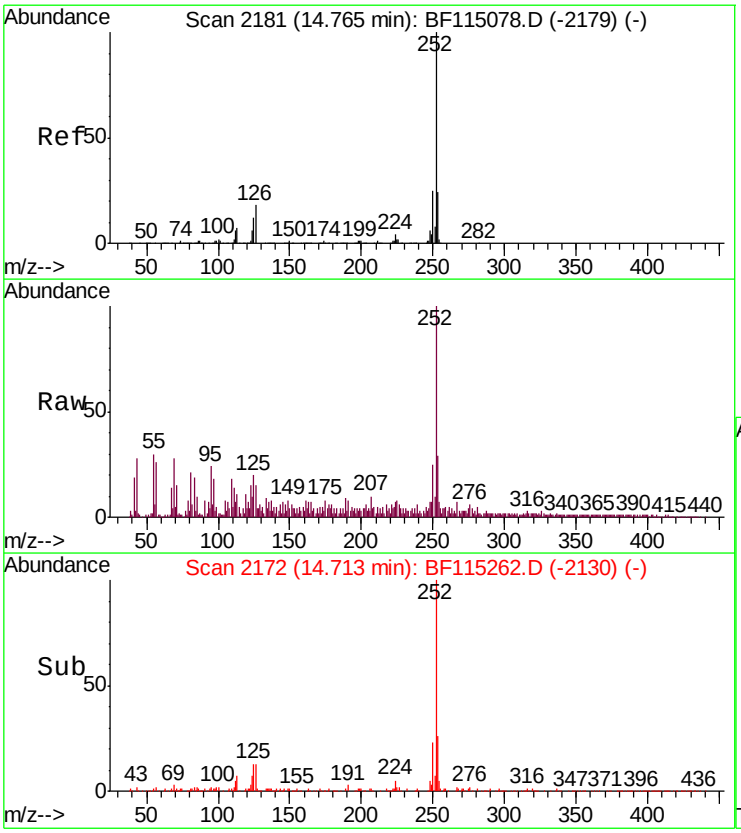
#88
Benzo(b)fluoranthene
Concen: 8.275 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:252 Resp: 210339

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.1	27.1#
125	20.0	8.7	13.1#

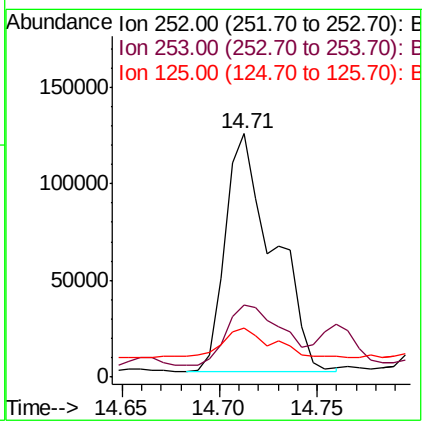


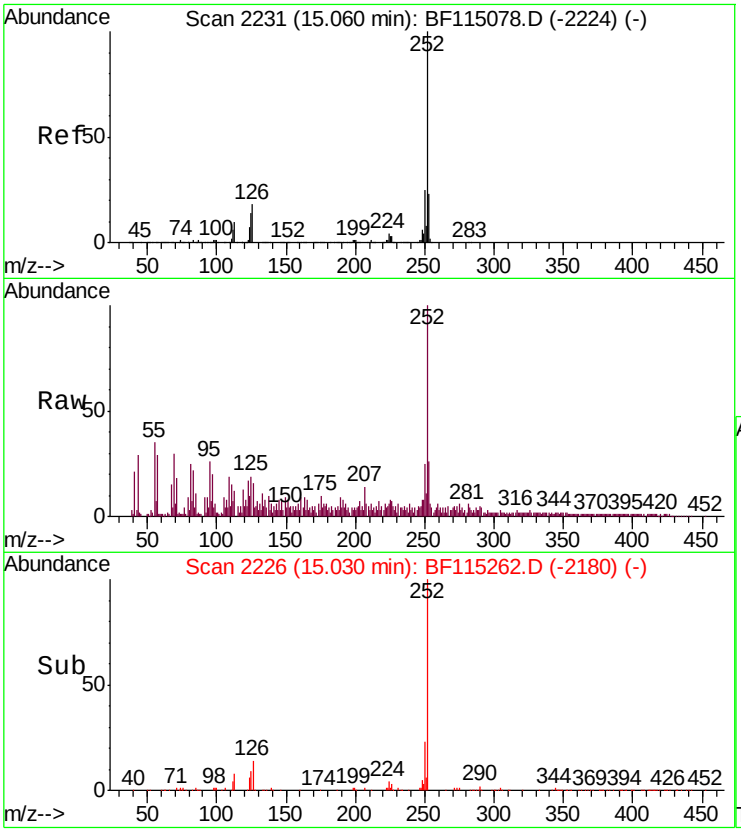


#89
Benzo(k)fluoranthene
Concen: 9.228 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.05 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:252 Resp: 210339

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.9	28.3#
125	20.0	10.2	15.2#



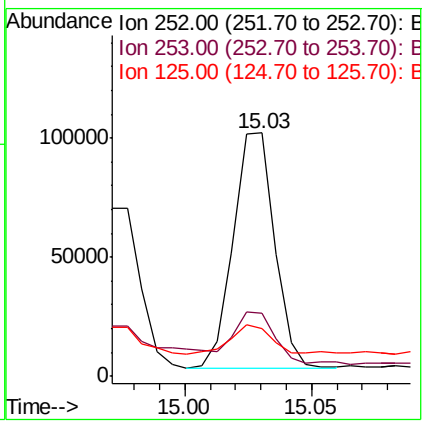


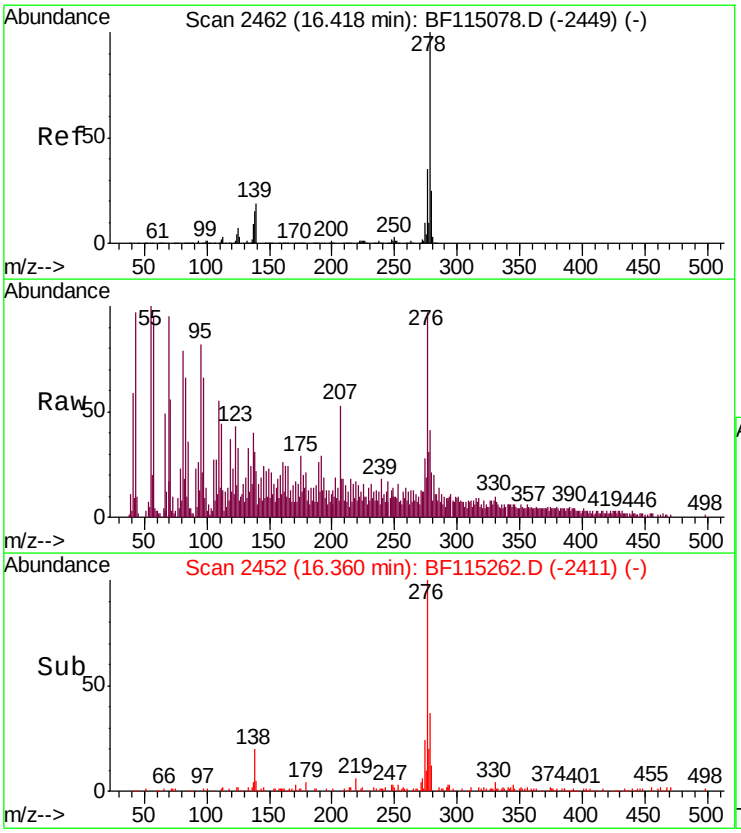
#90
Benzo(a)pyrene
Concen: 4.884 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:252 Resp: 111881

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.3	27.5
125	19.4	10.9	16.3#

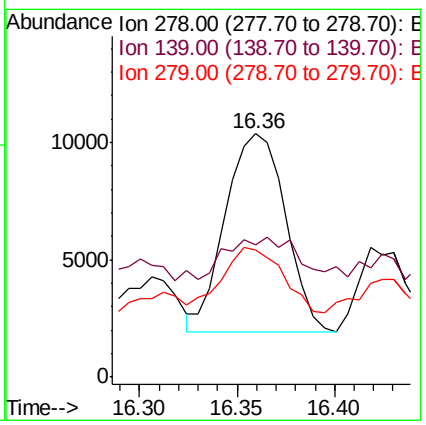


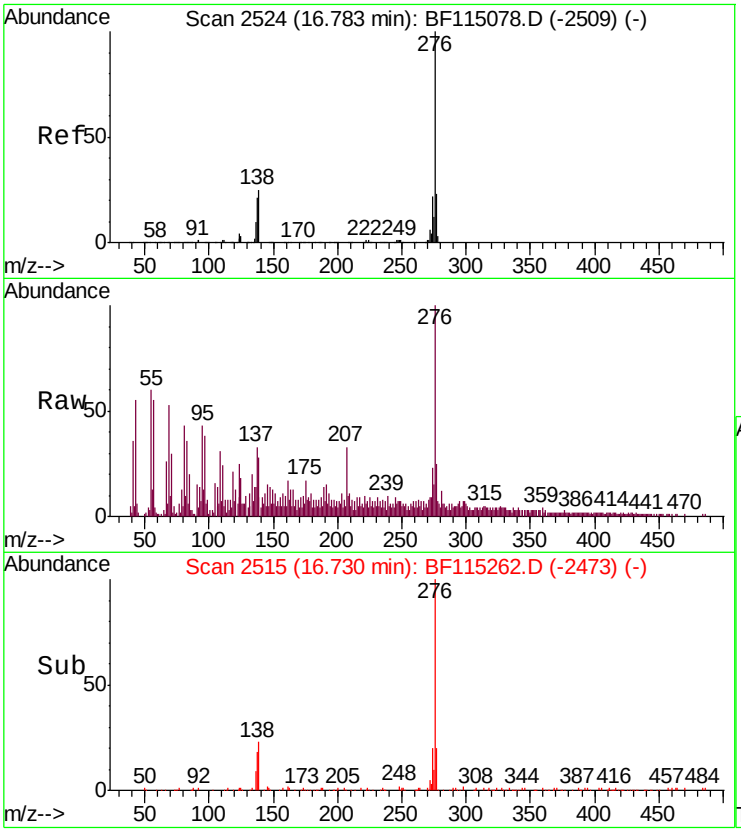


#91
Dibenzo(a,h)anthracene
Concen: 0.838 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.06 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:278 Resp: 17922

Ion	Ratio	Lower	Upper
278	100		
139	54.4	15.4	23.2#
279	52.2	19.9	29.9#





#92
Benzo(g,h,i)perylene
Concen: 3.115 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.05 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:276 Resp: 67422

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	28.3	19.8	29.6