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

Quantitation Report (Not Reviewed)

Data File : BF115245.D
Acq On : 27 Jun 2019 20:29
Operator : HP/JU
Sample : K3509-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-062619-A

Quant Time: Jun 28 04:57:52 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	218619	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	811731	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	388489	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	836661	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	721161	20.00	ng	-0.04
87) Perylene-d12	15.07	264	772235	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1542436	108.88	ng	0.00
7) Phenol-d6	6.24	99	1558483	90.64	ng	-0.02
23) Nitrobenzene-d5	7.15	82	1206644	91.44	ng	-0.03
42) 2,4,6-Tribromophenol	10.41	330	585487	142.91	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	2264320	99.00	ng	-0.03
79) Terphenyl-d14	12.68	244	2706873	79.81	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	1408	0.211	ng	# 24
3) Pyridine	2.80	79	215	0.011	ng	# 26
4) n-Nitrosodimethylamine	2.80	42	178	0.024	ng	# 1
6) Aniline	6.37	93	2194	0.093	ng	# 1
8) 2-Chlorophenol	6.38	128	427	0.027	ng	# 1
9) Benzaldehyde	6.13	77	1042	0.093	ng	# 1
10) Phenol	6.25	94	793	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2194	0.148	ng	# 1
12) 1,3-Dichlorobenzene	6.75	146	129	0.007	ng	# 1
13) 1,4-Dichlorobenzene	6.75	146	129	0.007	ng	# 1
14) 1,2-Dichlorobenzene	6.75	146	129	0.008	ng	# 1
15) Benzyl Alcohol	6.75	79	19974	1.595	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	6.88	45	398	0.018	ng	67
17) 2-Methylphenol	6.75	107	110	0.008	ng	# 1
18) Hexachloroethane	7.14	117	370	0.058	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	160872	14.613	ng	# 78
20) 3+4-Methylphenols	6.75	107	110	0.007	ng	# 1
22) Acetophenone	7.00	105	4181	0.225	ng	# 79
24) Nitrobenzene	7.15	77	4244	0.292	ng	# 33
25) Isophorone	7.15	82	1185033	43.839	ng	# 63
27) 2,4-Dimethylphenol	7.57	122	3098	0.264	ng	# 6
31) Naphthalene	7.90	128	18006	0.452	ng	95
32) Benzoic acid	7.57	122	3098	0.369	ng	95
33) 4-Chloroaniline	7.90	127	2230	0.122	ng	# 38
37) 2-Methylnaphthalene	8.58	142	3380	0.126	ng	95
38) 1-Methylnaphthalene	8.68	142	2108	0.082	ng	# 92
46) 1,1'-Biphenyl	9.05	154	5177	0.167	ng	96
48) 2-Nitroaniline	9.08	65	151	0.021	ng	# 1
49) Acenaphthylene	9.48	152	281	0.007	ng	# 59
50) Dimethylphthalate	9.35	163	4154	0.145	ng	# 98
51) 2,6-Dinitrotoluene	9.62	165	49974	7.573	ng	# 28
52) Acenaphthene	9.65	154	946	0.038	ng	# 59
55) Dibenzofuran	9.82	168	1414	0.040	ng	# 89
56) 4-Nitrophenol	9.82	139	450	0.070	ng	# 11

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

Quantitation Report (Not Reviewed)

Data File : BF115245.D
Acq On : 27 Jun 2019 20:29
Operator : HP/JU
Sample : K3509-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-062619-A

Quant Time: Jun 28 04:57:52 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)
57) 2,4-Dinitrotoluene	9.62	165	49974	5.865	ng	#	30
58) Fluorene	10.16	166	1168	Below Cal		#	87
60) Diethylphthalate	10.05	149	1305	0.045	ng	#	88
63) Azobenzene	10.32	77	473	0.018	ng	#	48
65) 4,6-Dinitro-2-methylphenol	10.40	198	1142	5.190	ng	#	1
66) n-Nitrosodiphenylamine	10.40	169	17447	0.669	ng	#	43
67) 4-Bromophenyl-phenylether	10.40	248	37178	4.099	ng	#	1
71) Phenanthrene	11.11	178	3528	0.078	ng	#	94
72) Anthracene	11.11	178	3528	0.078	ng		94
73) Carbazole	11.32	167	271	0.007	ng	#	58
74) Di-n-butylphthalate	11.67	149	7845	0.167	ng		99
75) Fluoranthene	12.30	202	1442	0.032	ng		61
77) Benzidine	12.68	184	35765	1.117	ng	#	95
78) Pyrene	12.51	202	1127	0.020	ng	#	76
80) Butylbenzylphthalate	13.15	149	1376	0.056	ng	#	60
81) Benzo(a)anthracene	13.71	228	2894	0.056	ng	#	71
83) Chrysene	13.71	228	2894	0.061	ng	#	68
84) Bis(2-ethylhexyl)phthalate	13.72	149	2812	0.088	ng	#	91
85) Di-n-octyl phthalate	14.33	149	729	0.014	ng	#	44
86) Indeno(1,2,3-cd)pyrene	16.34	276	111	0.002	ng	#	48
88) Benzo(b)fluoranthene	14.69	252	960	0.020	ng	#	1
89) Benzo(k)fluoranthene	14.72	252	836	0.019	ng	#	1
90) Benzo(a)pyrene	15.01	252	844	0.019	ng	#	1
91) Dibenzo(a,h)anthracene	16.34	278	109	0.003	ng	#	1
92) Benzo(g,h,i)perylene	16.75	276	106	0.003	ng	#	51

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

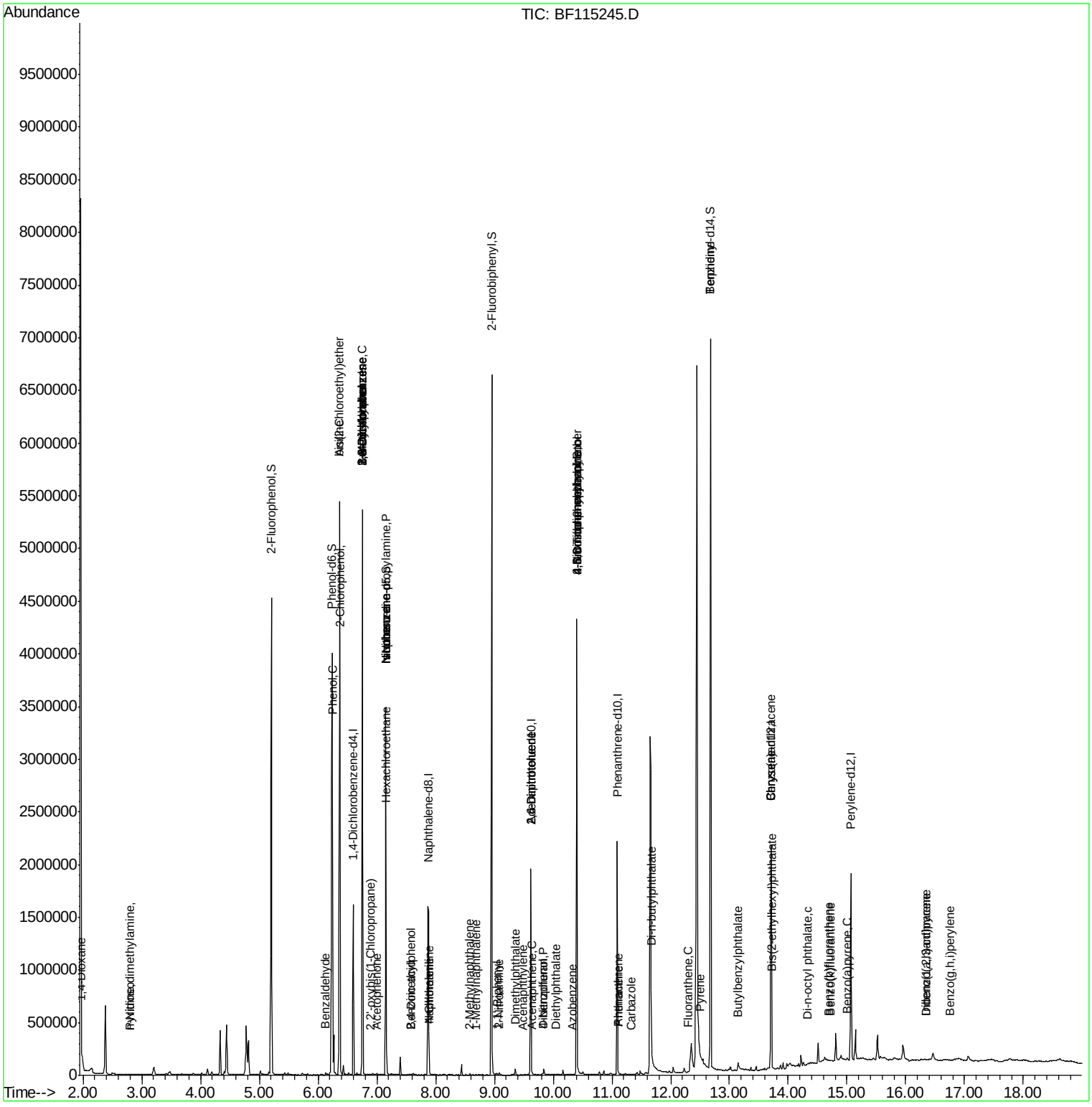
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\

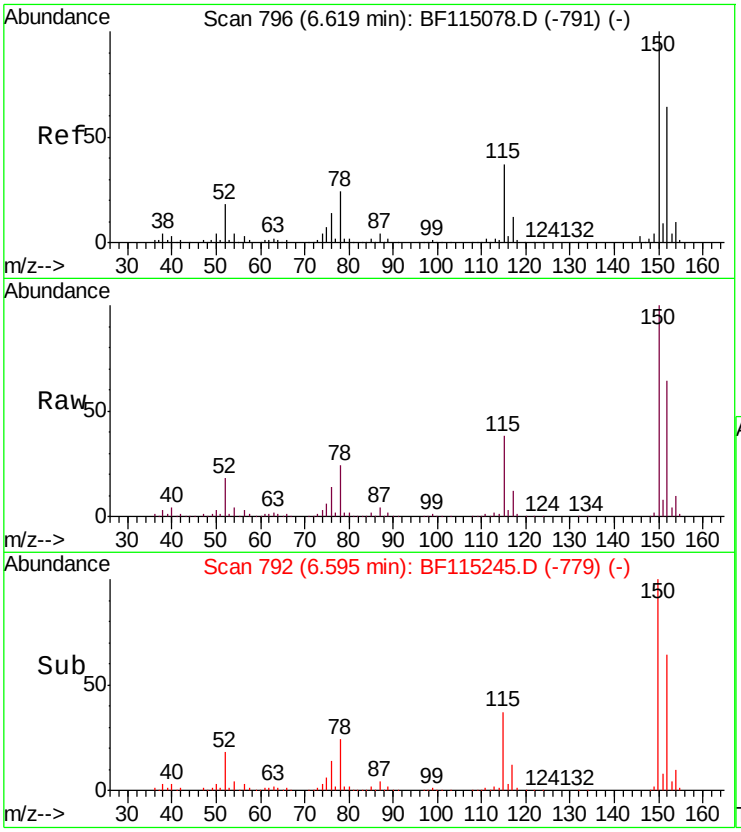
Quantitation Report (Not Reviewed)

Data File : BF115245.D
Acq On : 27 Jun 2019 20:29
Operator : HP/JU
Sample : K3509-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Quant Time: Jun 28 04:57:52 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



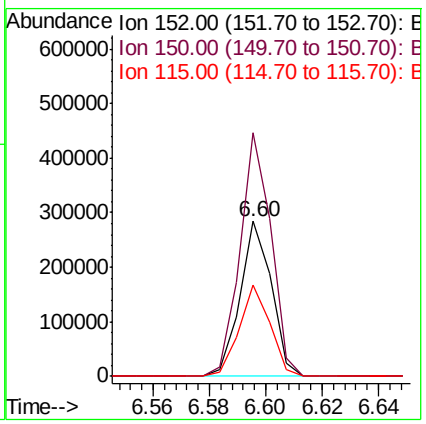


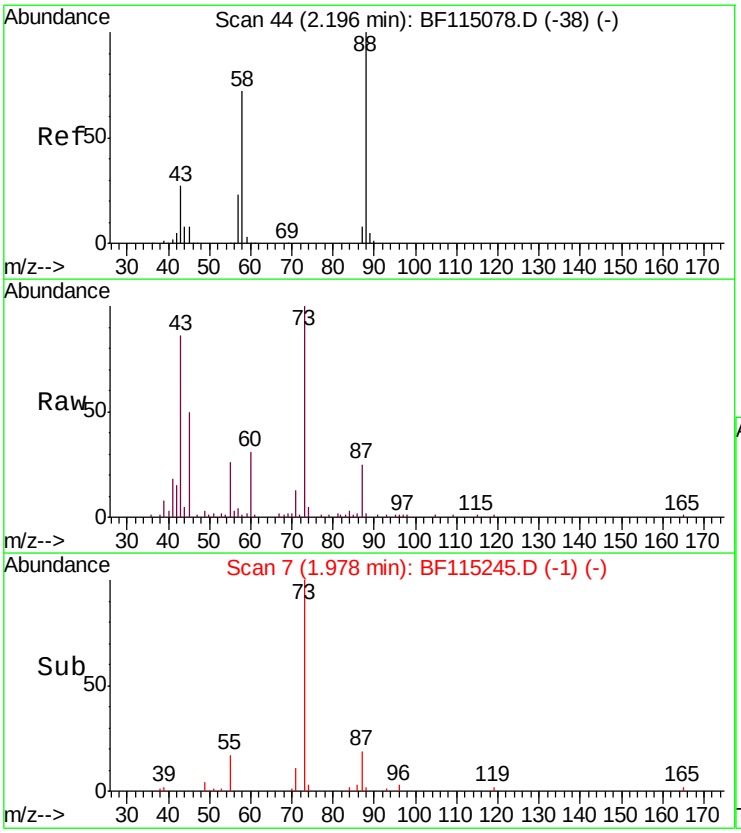
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:152 Resp: 218619

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	59.0	46.1	69.1

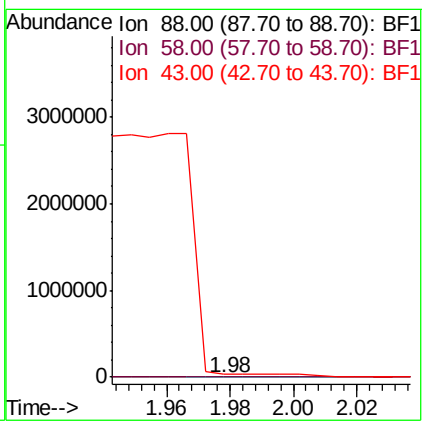


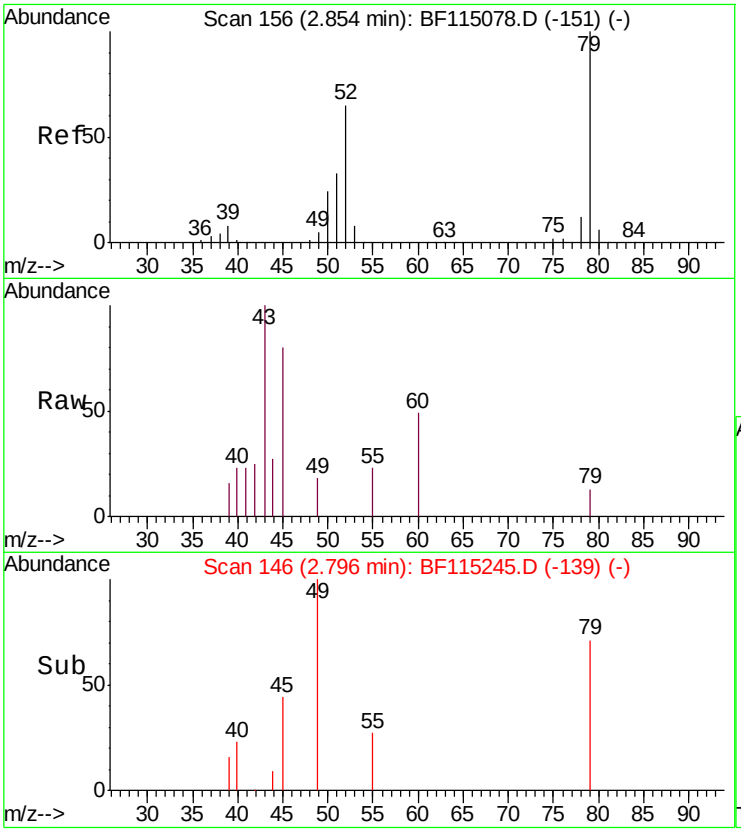


#2
1,4-Dioxane
Concen: 0.211 ng
RT: 1.98 min Scan# 7
Delta R.T. -0.22 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 88 Resp: 1408

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



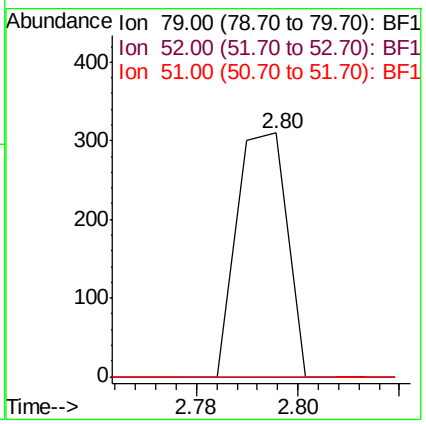


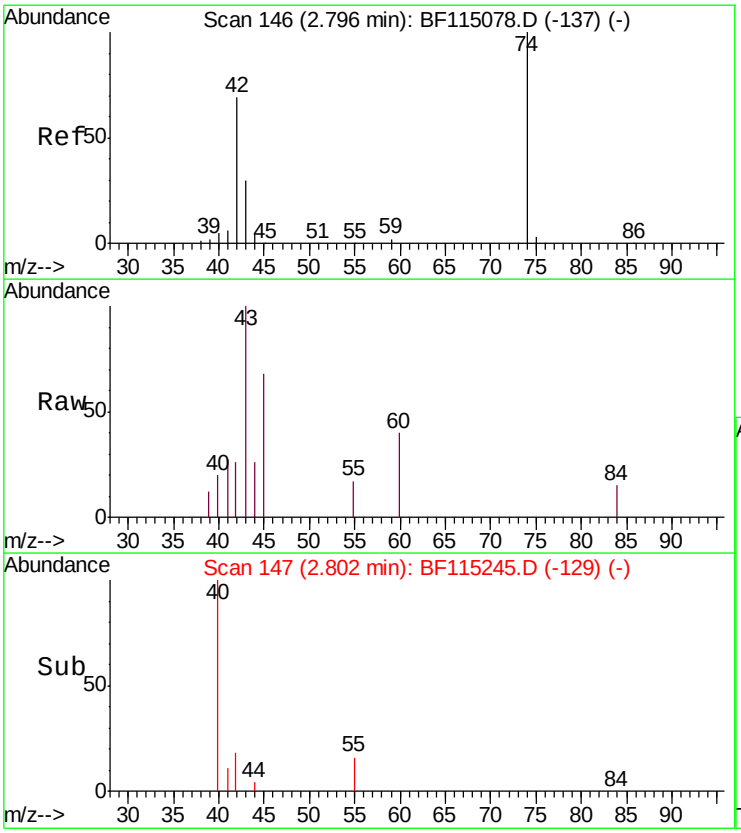
#3
Pyridine
Concen: 0.011 ng
RT: 2.80 min Scan# 146
Delta R.T. -0.06 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 79 Resp: 215

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

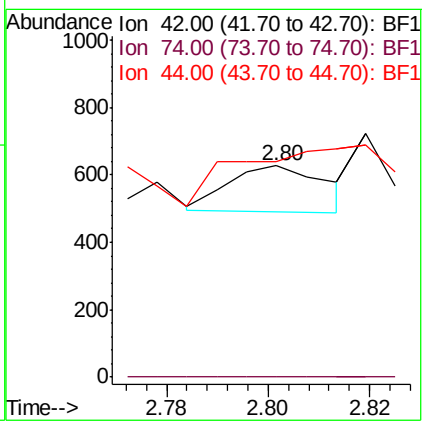


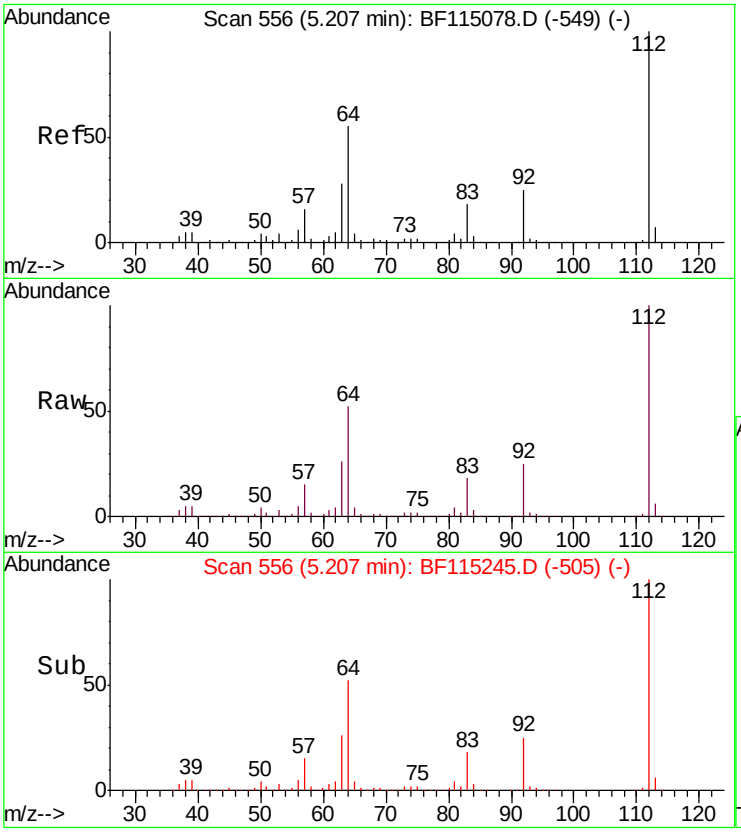


#4
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 2.80 min Scan# 147
Delta R.T. 0.01 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 42 Resp: 178

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.6	175.0#
44	101.8	5.3	7.9#



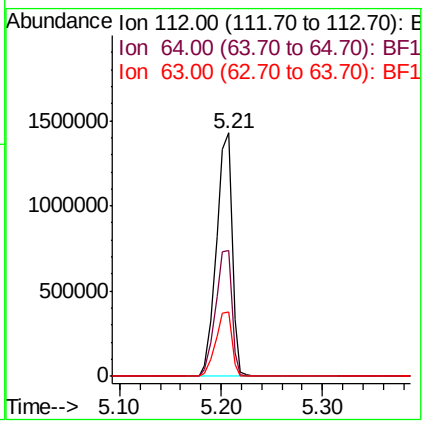


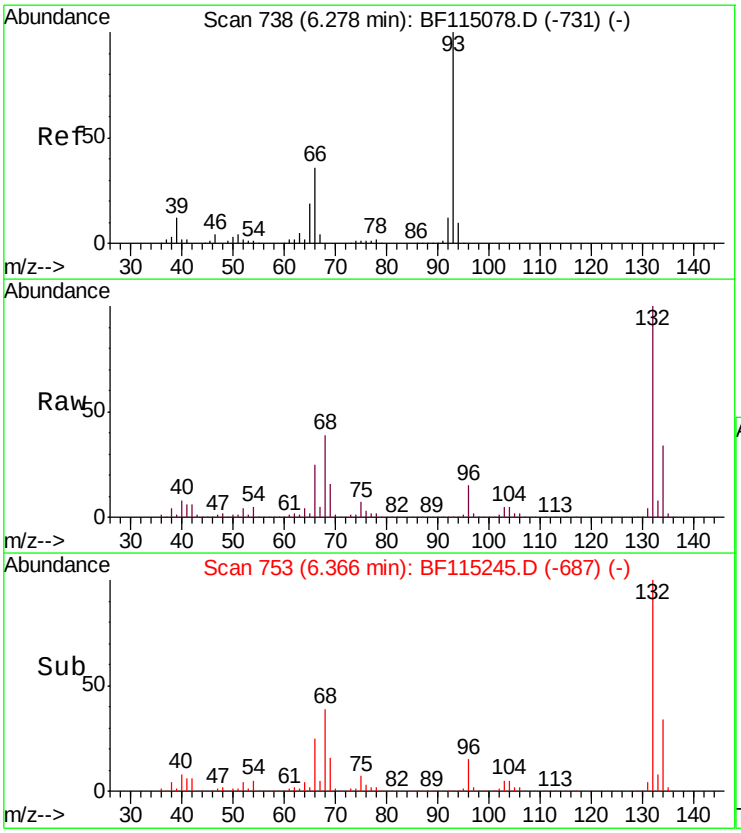
#5
2-Fluorophenol
Concen: 108.876 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:112 Resp: 1542436

Ion	Ratio	Lower	Upper
112	100		
64	51.7	43.8	65.6
63	26.5	22.2	33.4

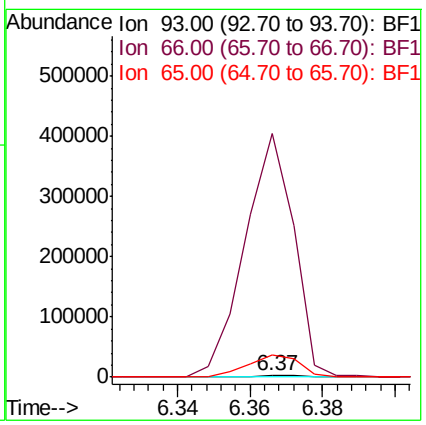


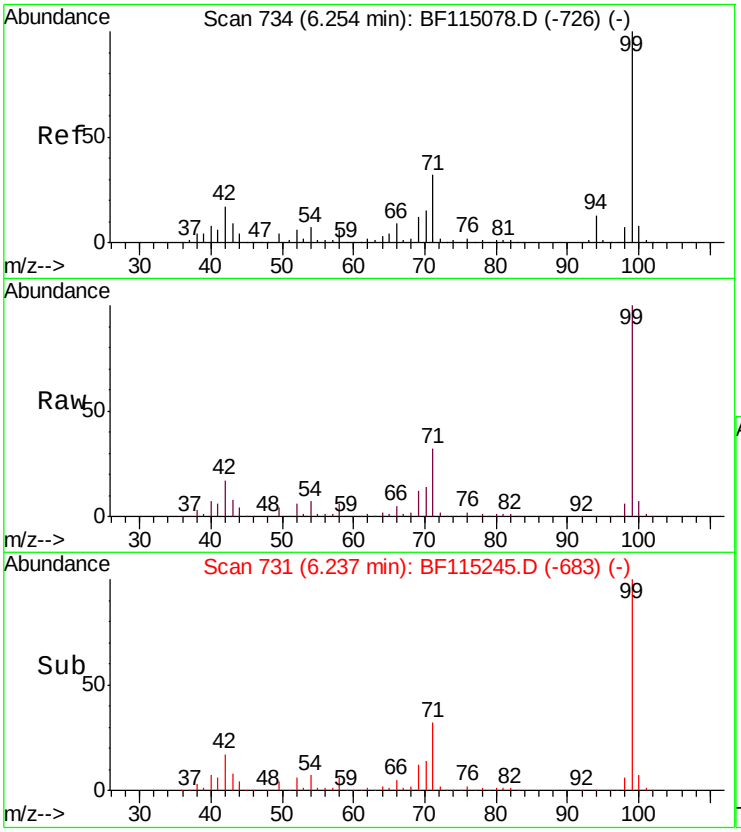


#6
Aniline
Concen: 0.093 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.09 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 93 Resp: 2194

Ion	Ratio	Lower	Upper
93	100		
66	17389.5	30.0	45.0#
65	1592.1	15.6	23.4#



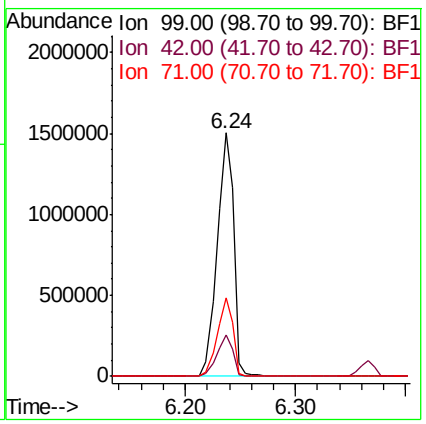


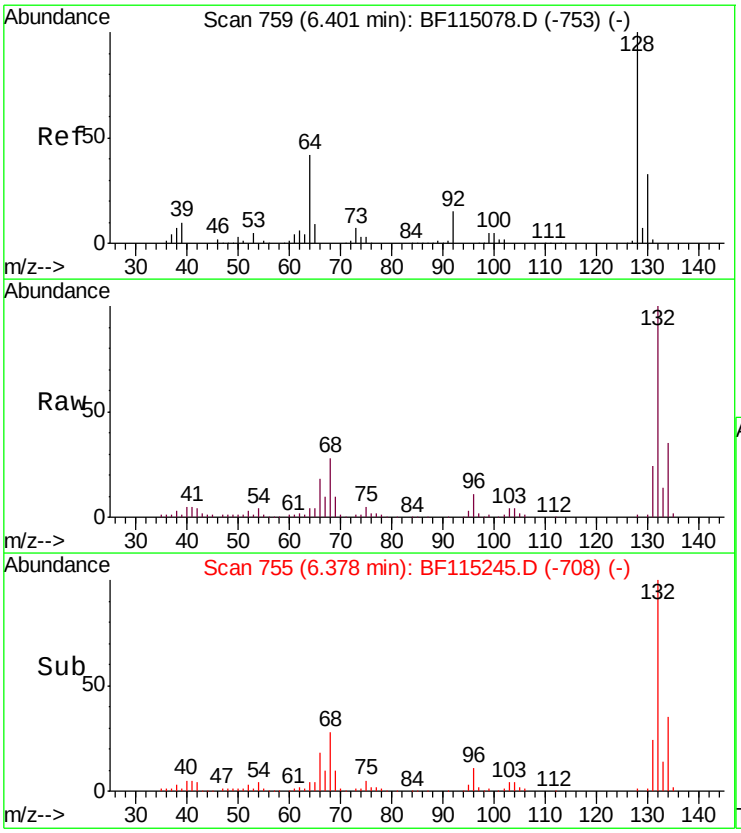
#7
Phenol-d6
Concen: 90.635 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 99 Resp: 1558483

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	32.2	25.5	38.3

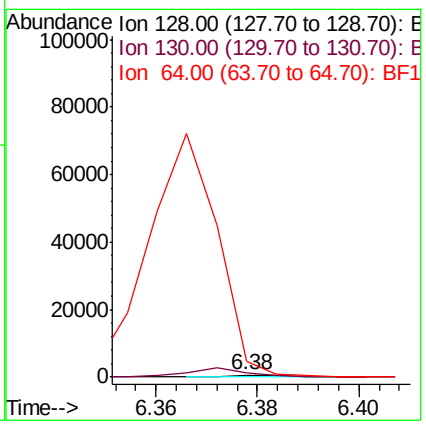


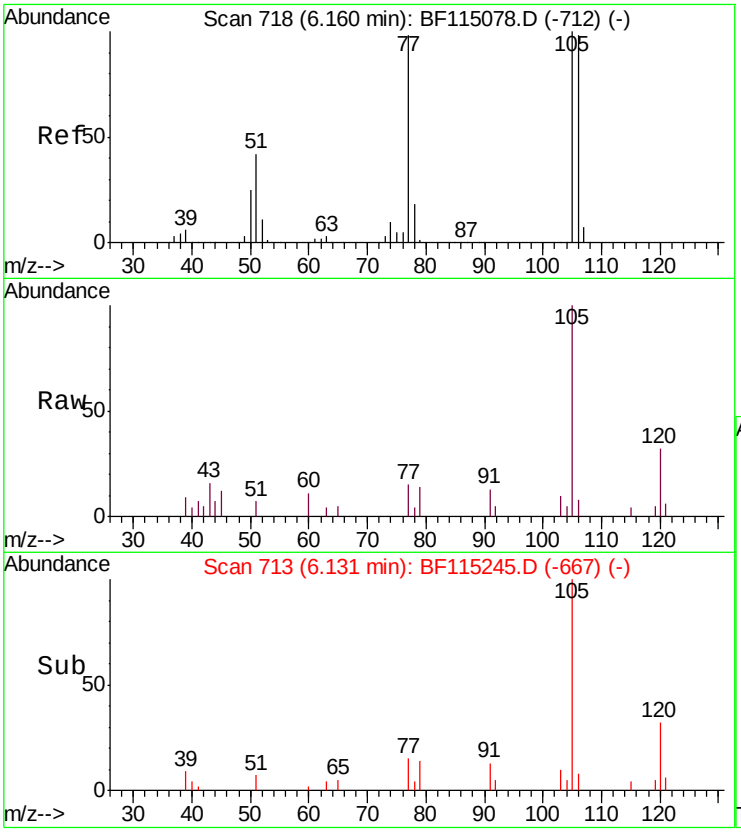


#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.38 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:128 Resp: 427

Ion	Ratio	Lower	Upper
128	100		
130	233.2	12.9	52.9#
64	744.0	22.9	62.9#



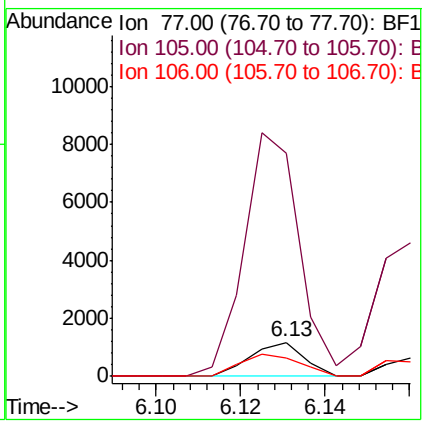


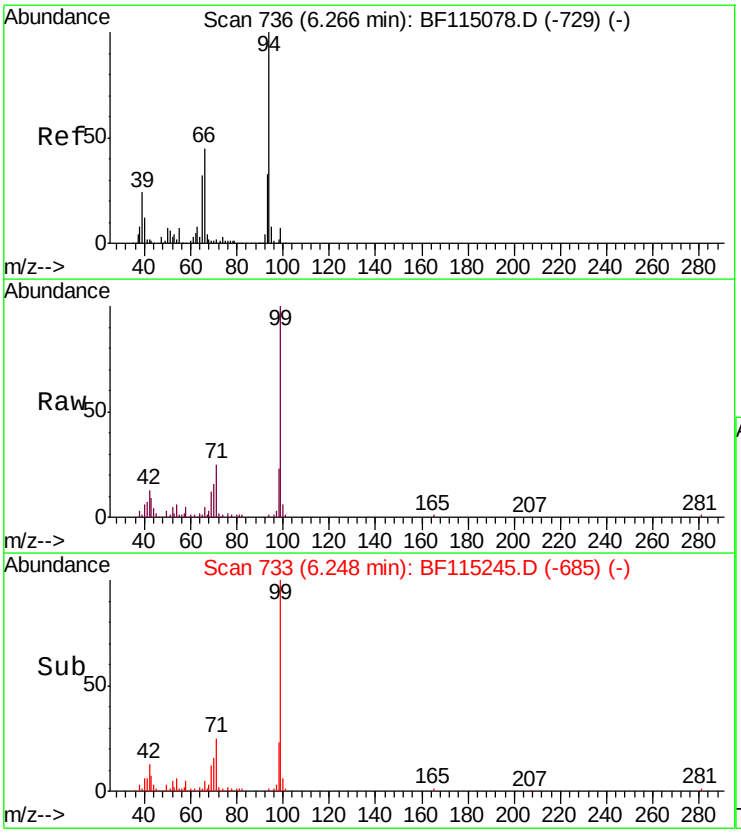
#9
Benzaldehyde
Concen: 0.093 ng
RT: 6.13 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 77 Resp: 1042

Ion	Ratio	Lower	Upper
77	100		
105	661.7	81.5	121.5#
106	54.2	79.7	119.7#

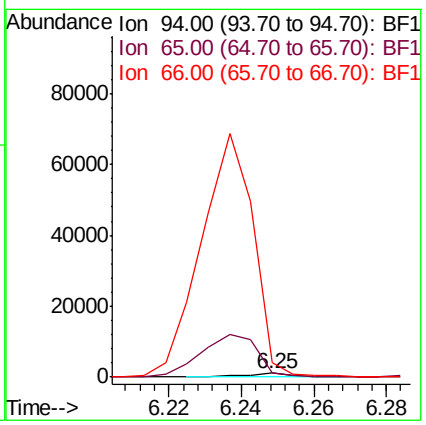


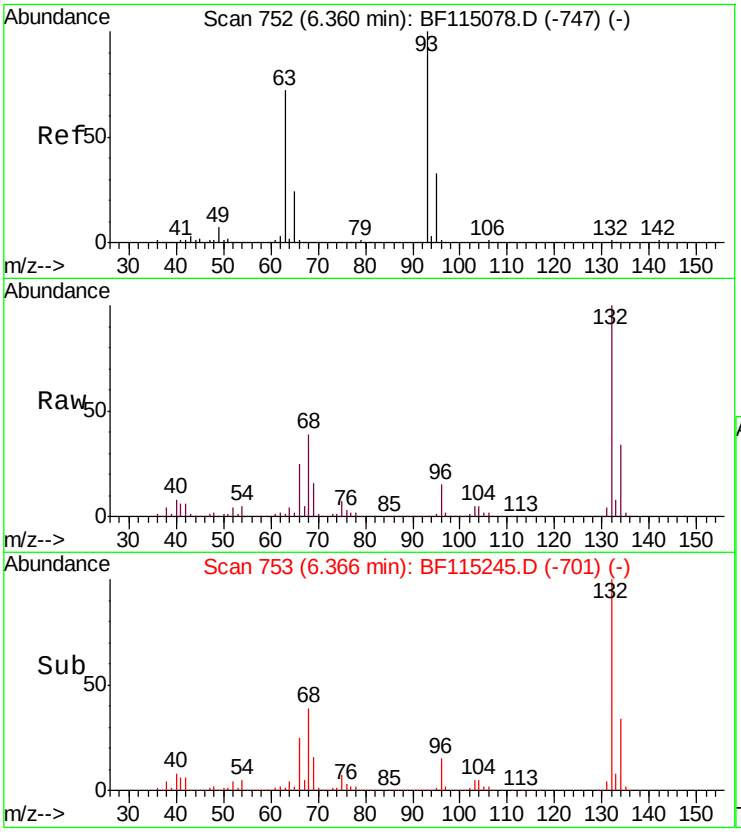


#10
Phenol
Concen: 0.039 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 94 Resp: 793

Ion	Ratio	Lower	Upper
94	100		
65	108.7	11.9	51.9#
66	349.0	25.2	65.2#



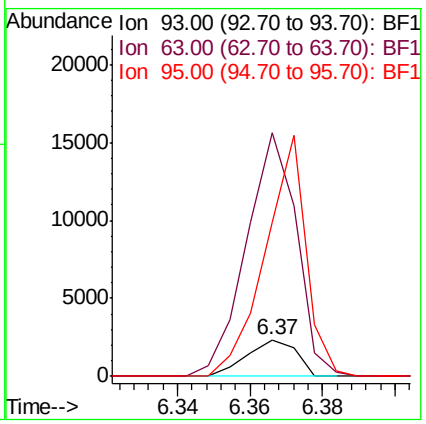


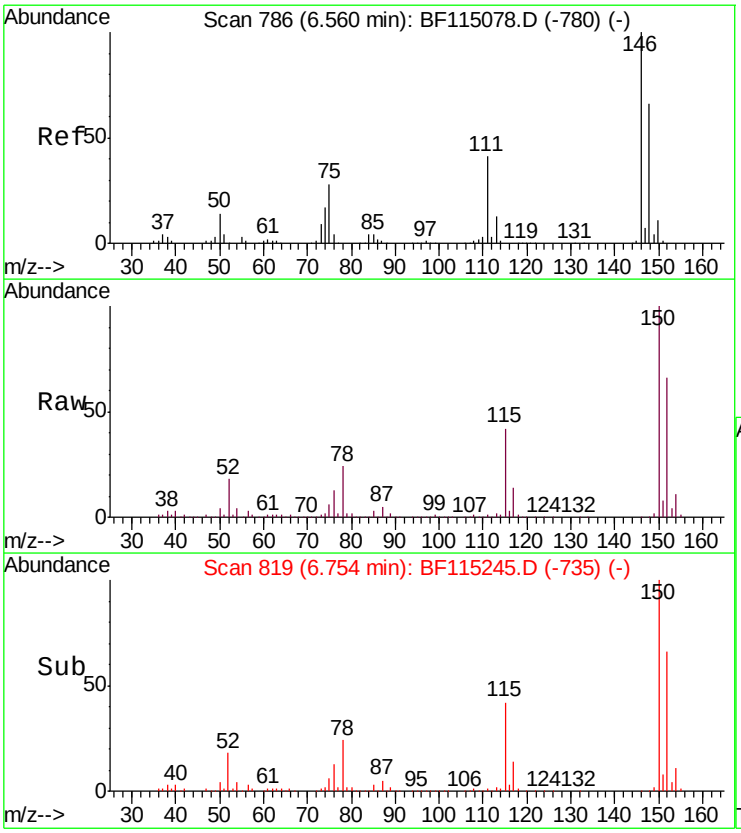
#11
bis(2-Chloroethyl)ether
Concen: 0.148 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 93 Resp: 2194

Ion	Ratio	Lower	Upper
93	100		
63	671.3	51.5	91.5#
95	426.0	13.4	53.4#

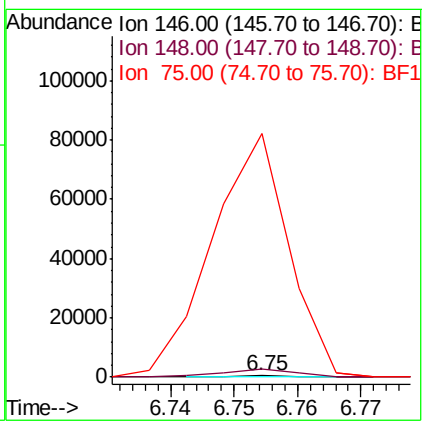


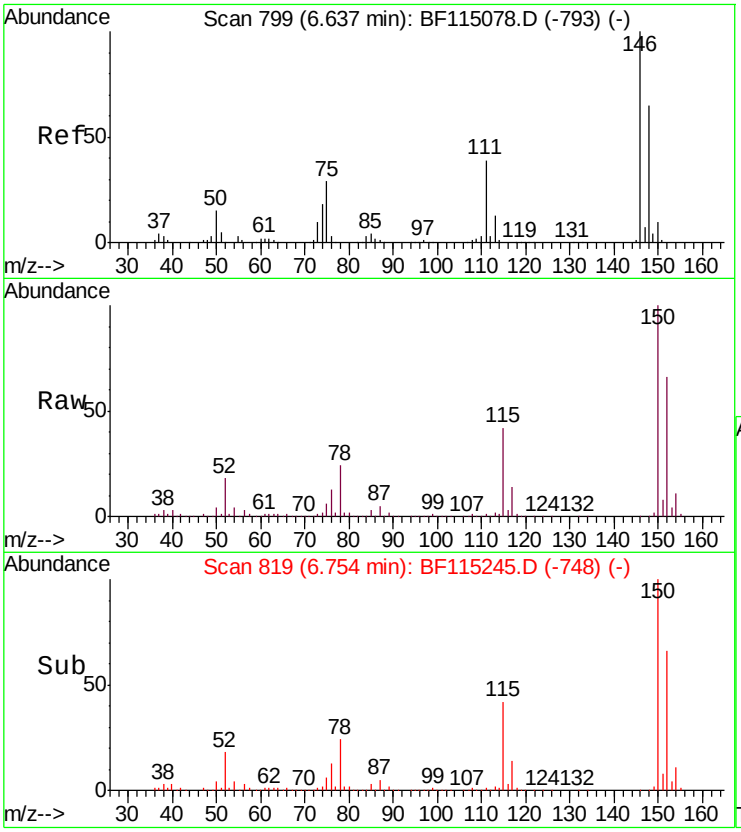


#12
1,3-Dichlorobenzene
Concen: 0.007 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.19 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:146 Resp: 129

Ion	Ratio	Lower	Upper
146	100		
148	706.6	52.6	78.8#
75	22520.5	22.6	34.0#



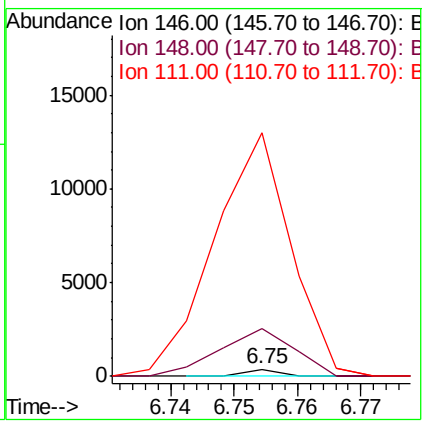


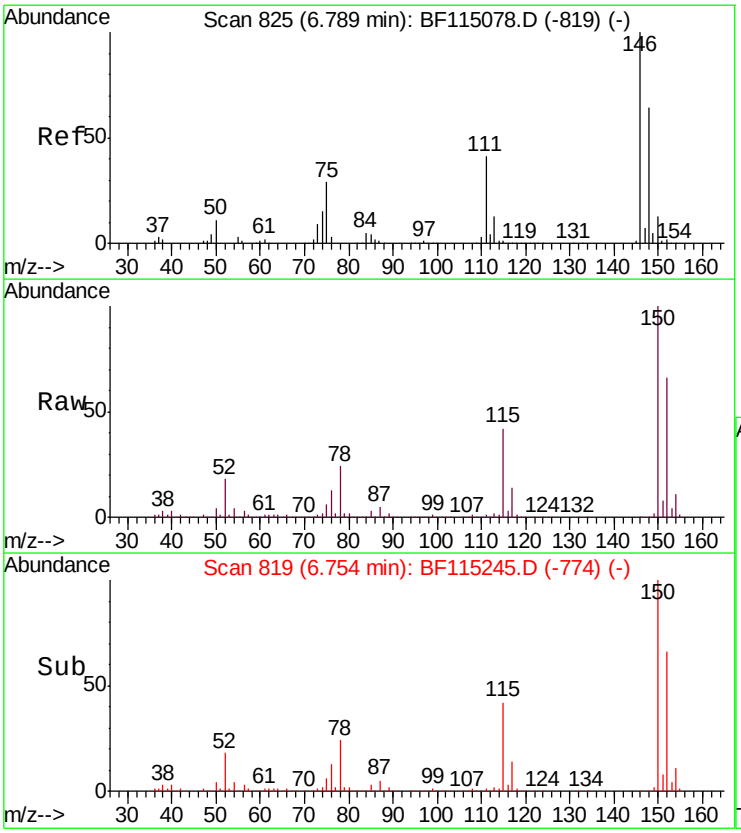
#13
1,4-Dichlorobenzene
Concen: 0.007 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.12 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:146 Resp: 129

Ion	Ratio	Lower	Upper
146	100		
148	706.6	51.9	77.9#
111	3557.5	31.4	47.0#

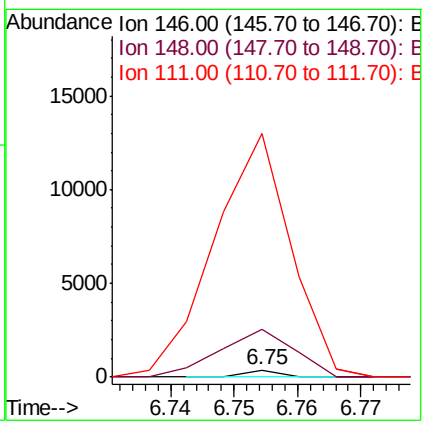


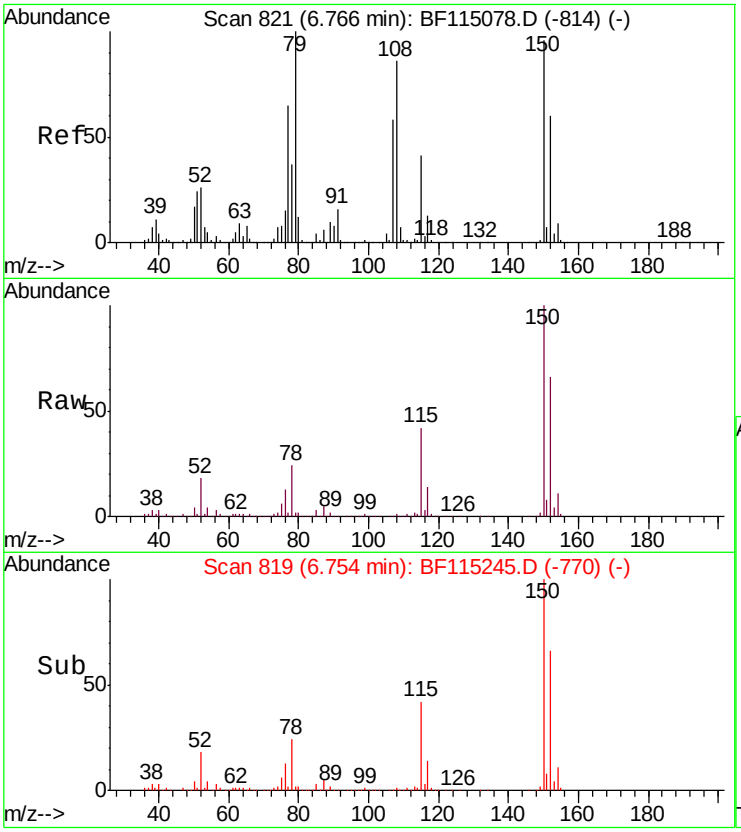


#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:146 Resp: 129

Ion	Ratio	Lower	Upper
146	100		
148	706.6	51.1	76.7#
111	3557.5	33.2	49.8#



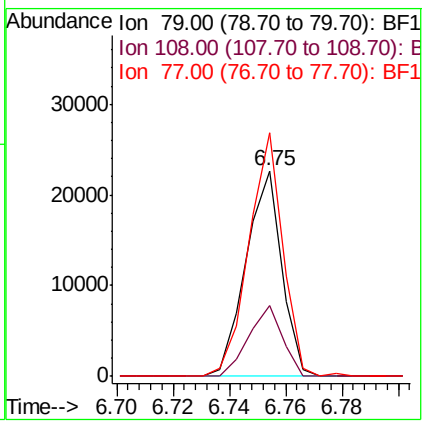


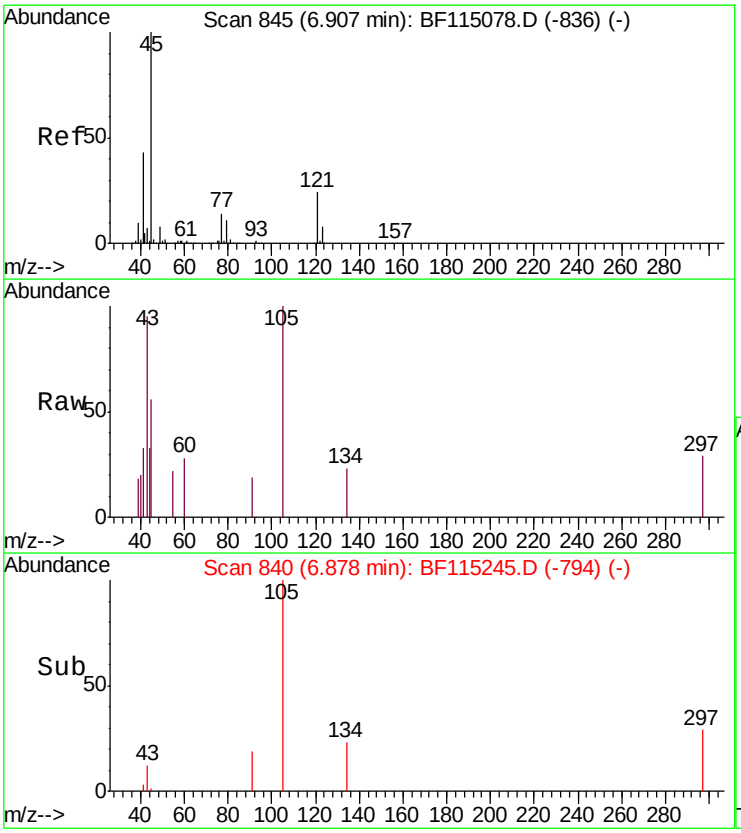
#15
Benzyl Alcohol
Concen: 1.595 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 79 Resp: 19974

Ion	Ratio	Lower	Upper
79	100		
108	34.4	68.7	103.1#
77	118.6	51.7	77.5#

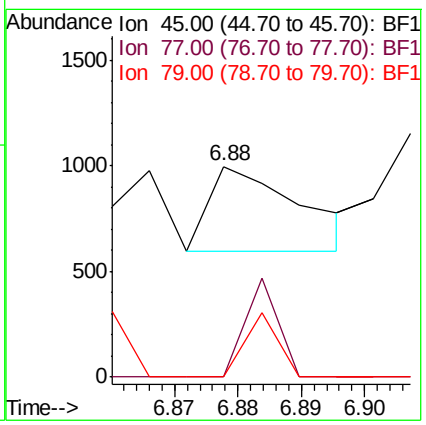


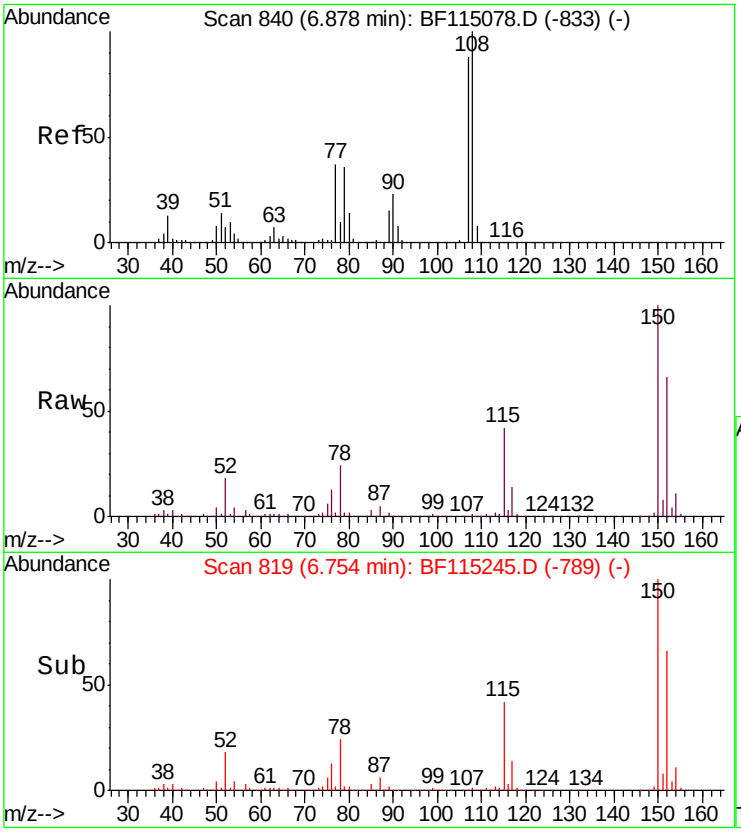


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.018 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 45 Resp: 398

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.6
79	0.0	0.0	31.2



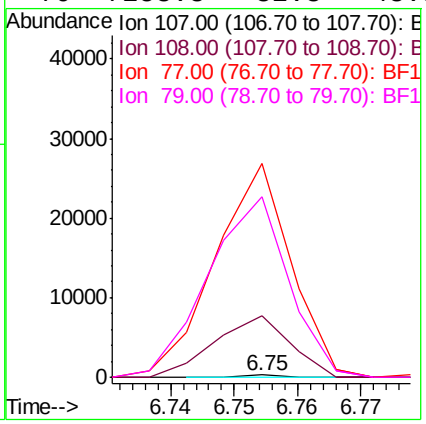


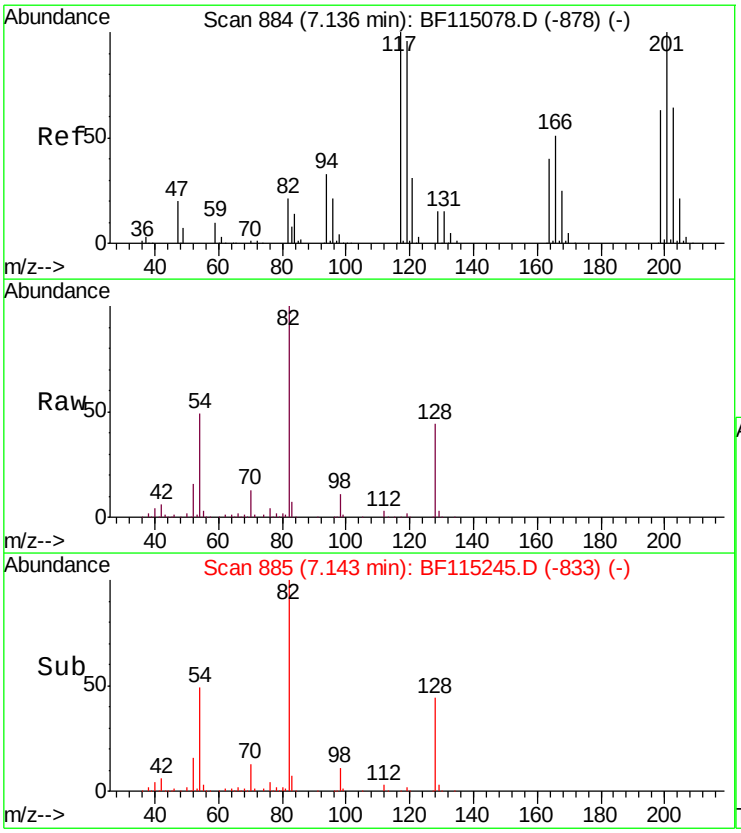
#17
2-Methylphenol
Concen: 0.008 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.12 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:107 Resp: 110

Ion	Ratio	Lower	Upper
107	100		
108	2495.5	90.9	136.3#
77	8605.1	33.4	50.2#
79	7253.8	32.3	48.5#

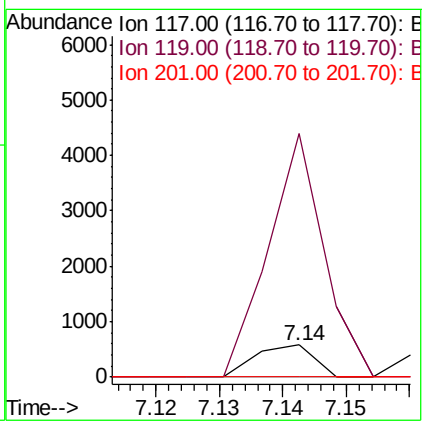


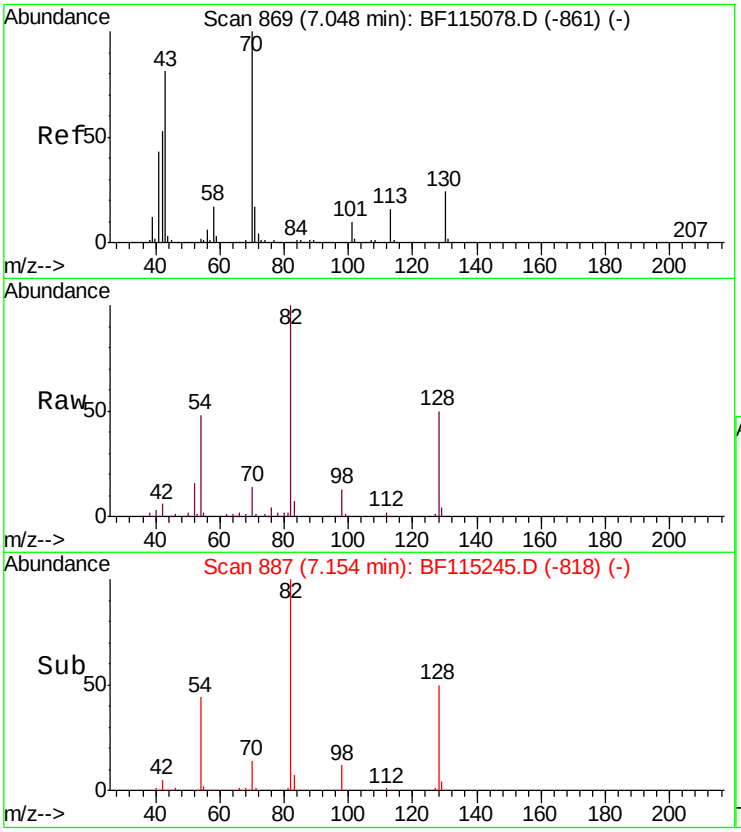


#18
Hexachloroethane
Concen: 0.058 ng
RT: 7.14 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:117 Resp: 370

Ion	Ratio	Lower	Upper
117	100		
119	754.8	76.6	114.8#
201	0.0	80.2	120.2#



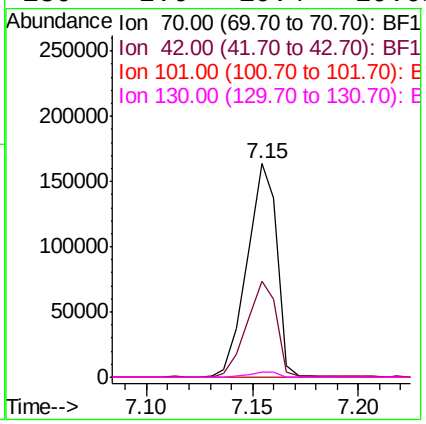


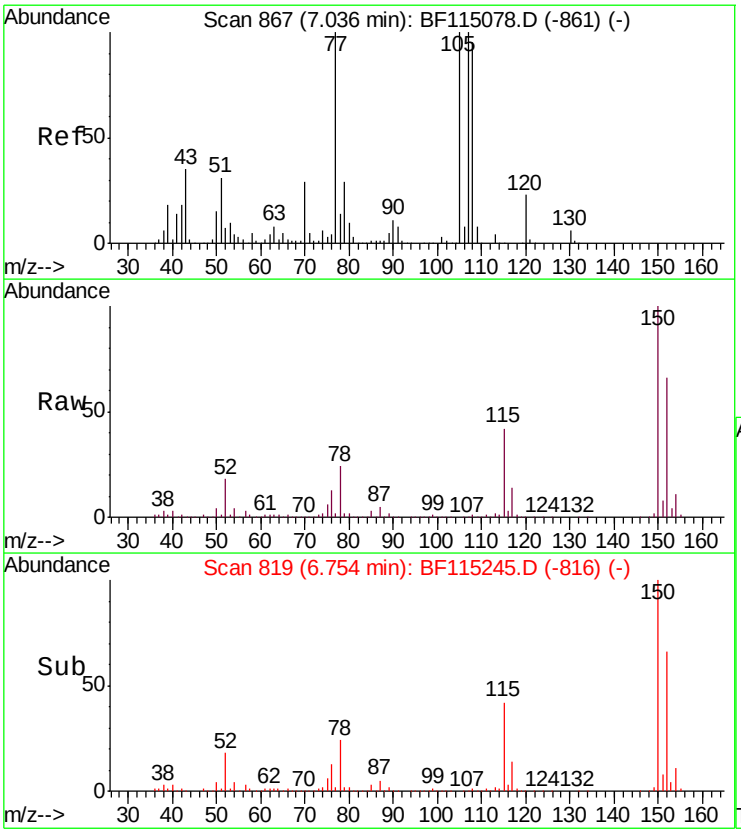
#19
n-Nitroso-di-n-propylamine
Concen: 14.613 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.11 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 70 Resp: 160872

Ion	Ratio	Lower	Upper
70	100		
42	45.0	42.6	63.8
101	0.0	8.0	12.0#
130	2.6	19.4	29.0#

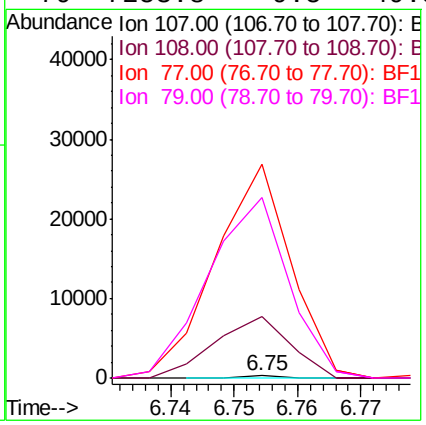


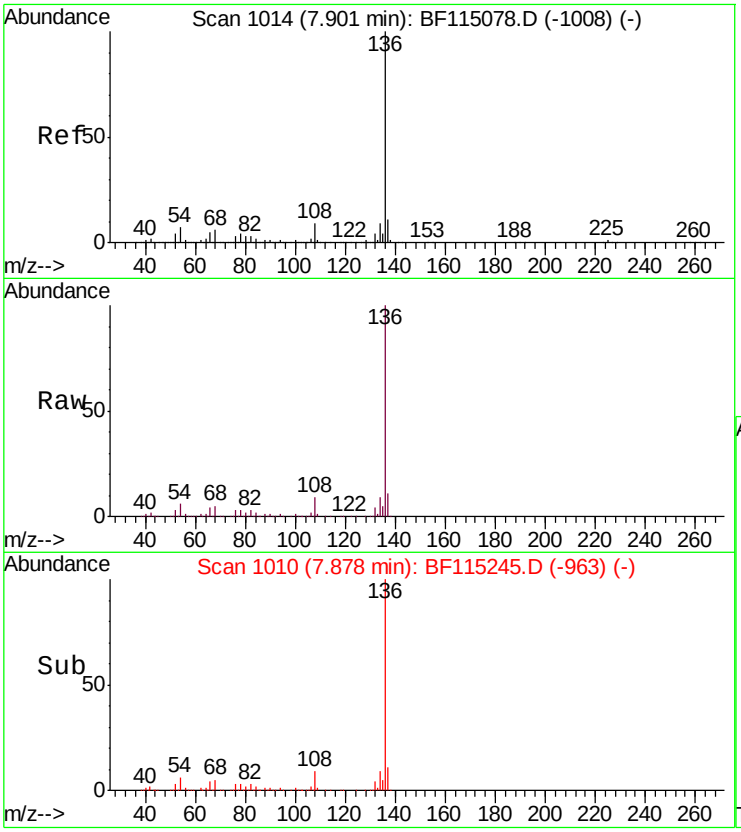


#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.28 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:107 Resp: 110

Ion	Ratio	Lower	Upper
107	100		
108	2495.5	75.5	115.5#
77	8605.1	80.2	120.2#
79	7253.8	9.5	49.5#



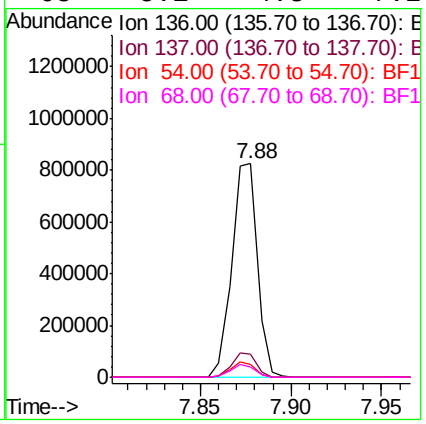


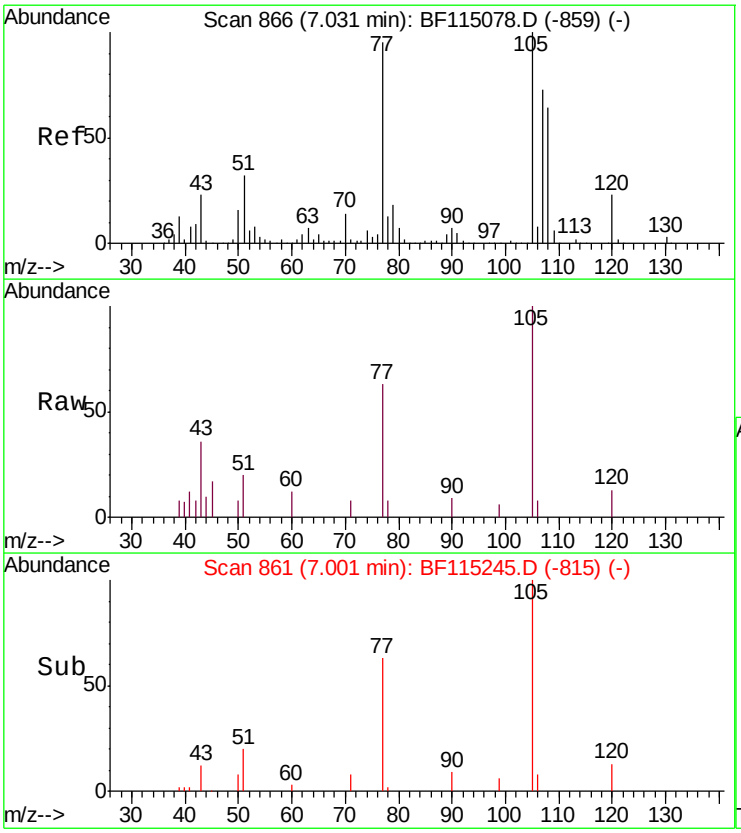
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:136 Resp: 811731

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.0	5.6	8.4
68	5.1	4.8	7.2

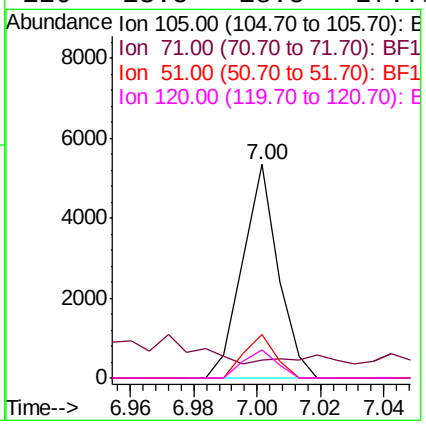


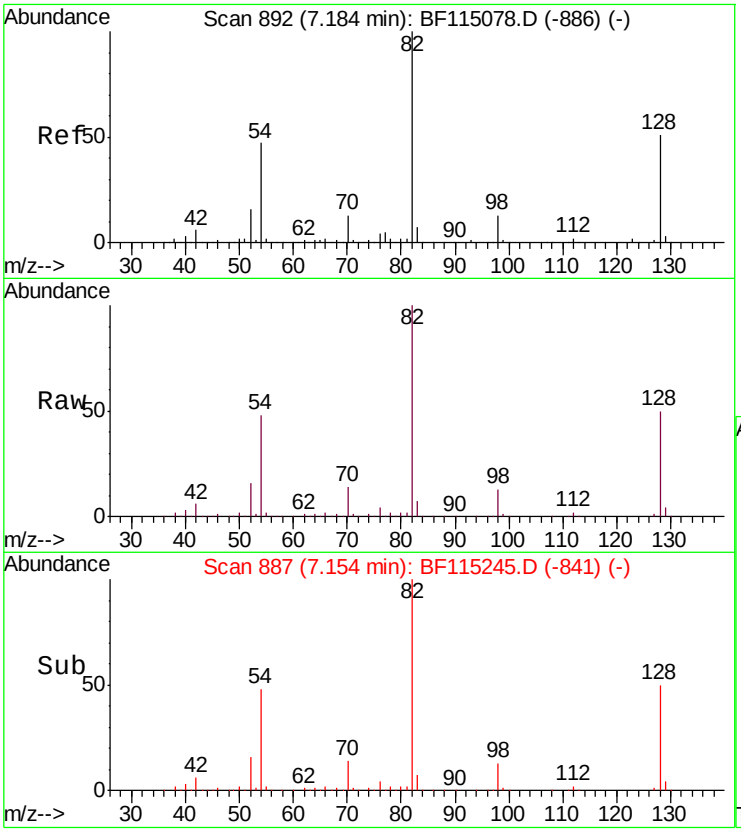


#22
Acetophenone
Concen: 0.225 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:105 Resp: 4181

Ion	Ratio	Lower	Upper
105	100		
71	8.2	1.9	2.9#
51	20.3	25.8	38.8#
120	13.5	18.5	27.7#



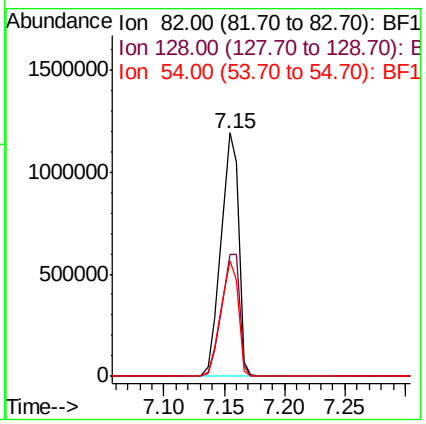


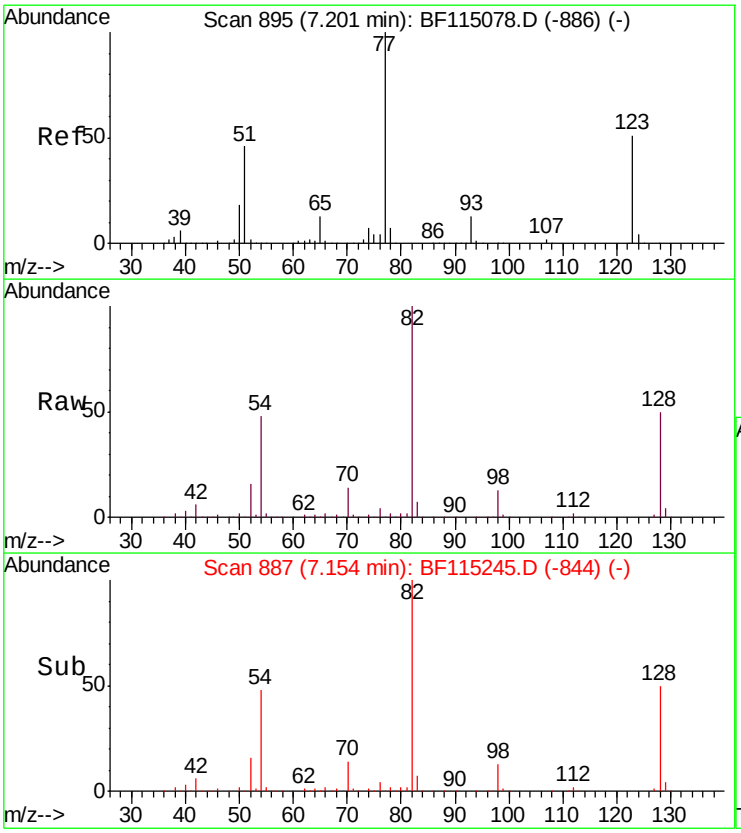
#23
Nitrobenzene-d5
Concen: 91.443 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 82 Resp: 1206644

Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.4	60.6
54	47.7	37.5	56.3

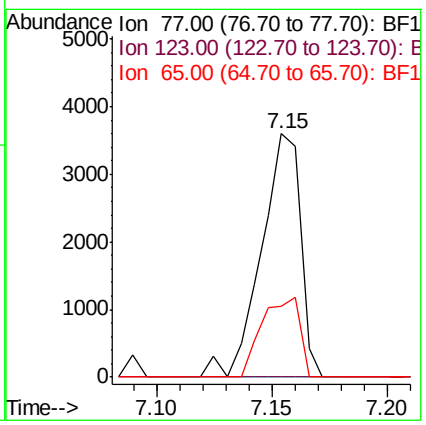


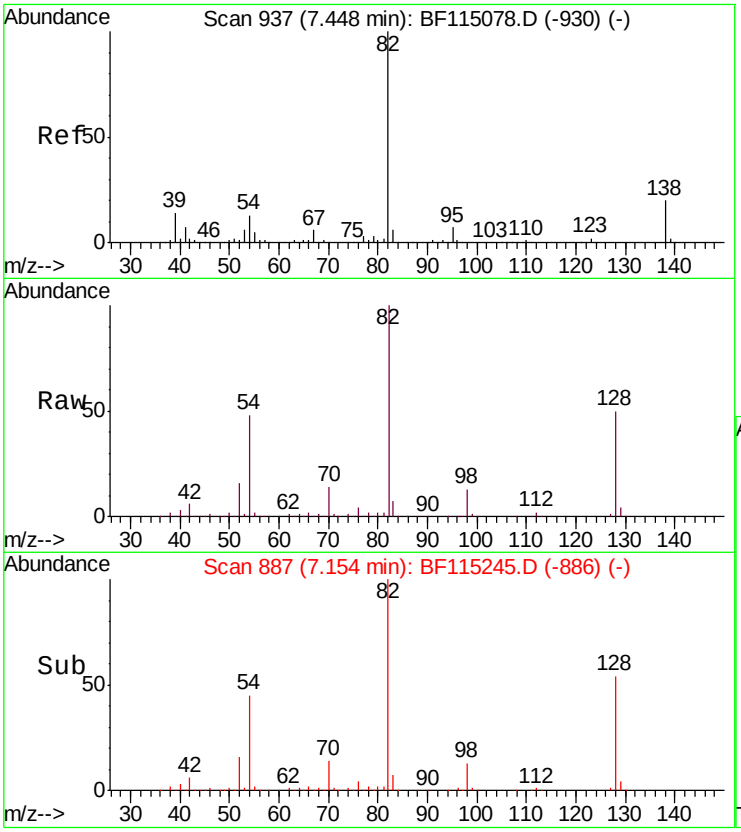


#24
Nitrobenzene
Concen: 0.292 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.05 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 77 Resp: 4244

Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.0	61.6#
65	29.1	10.5	15.7#



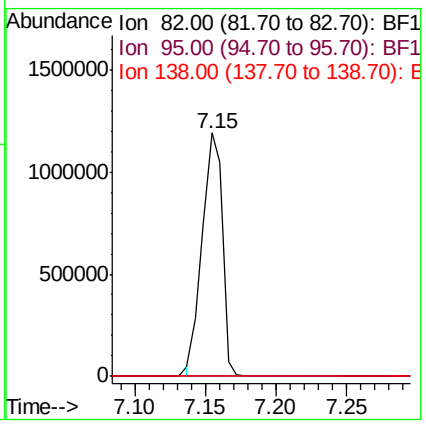


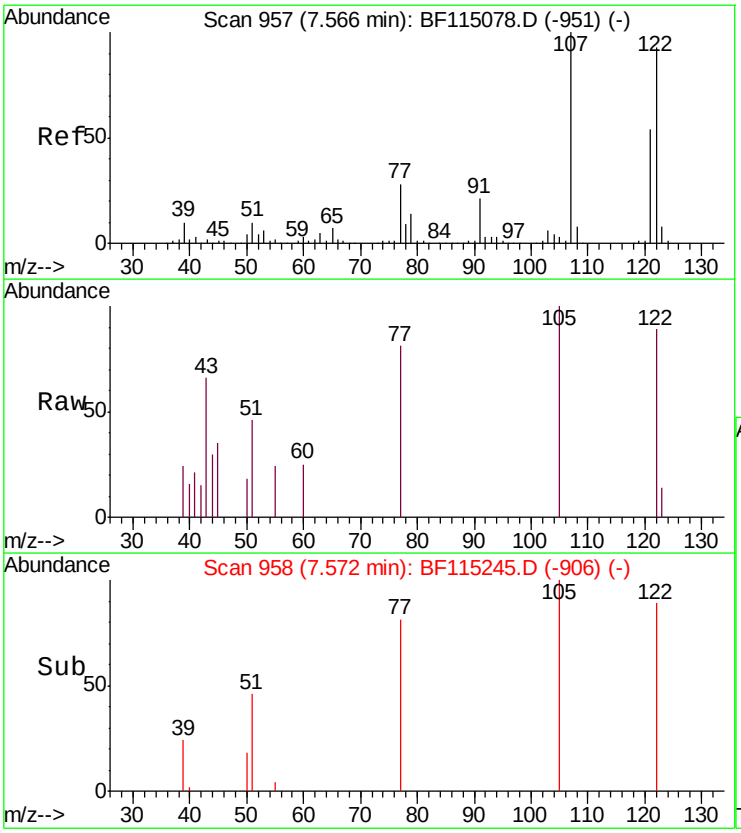
#25
Isophorone
Concen: 43.839 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.29 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion: 82 Resp: 1185033

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

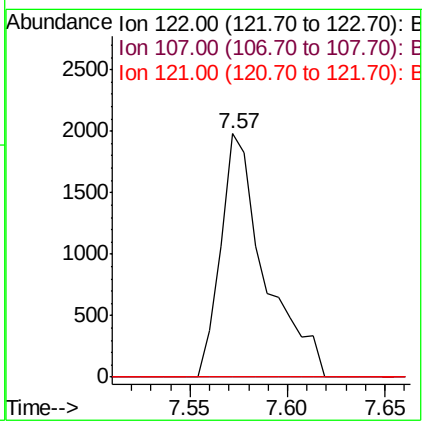


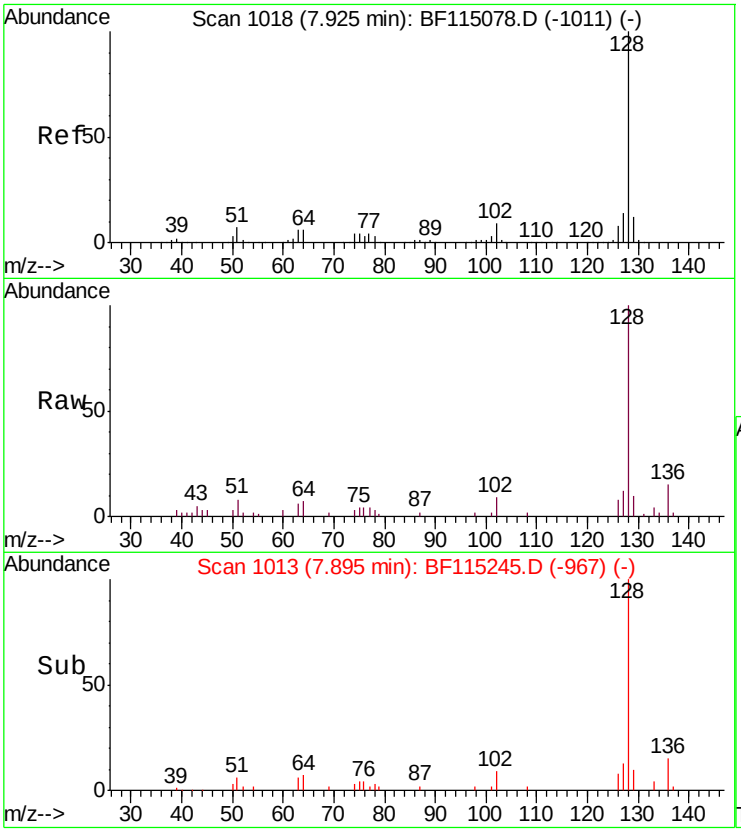


#27
2,4-Dimethylphenol
Concen: 0.264 ng
RT: 7.57 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:122 Resp: 3098

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.8	128.6#
121	0.0	46.3	69.5#



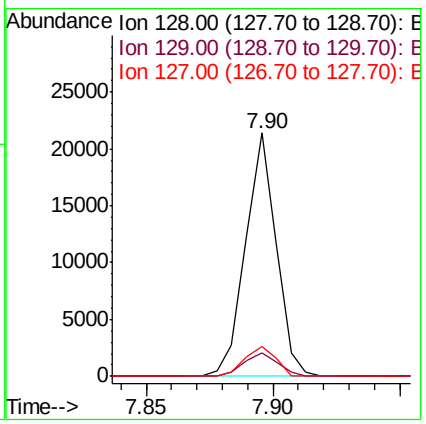


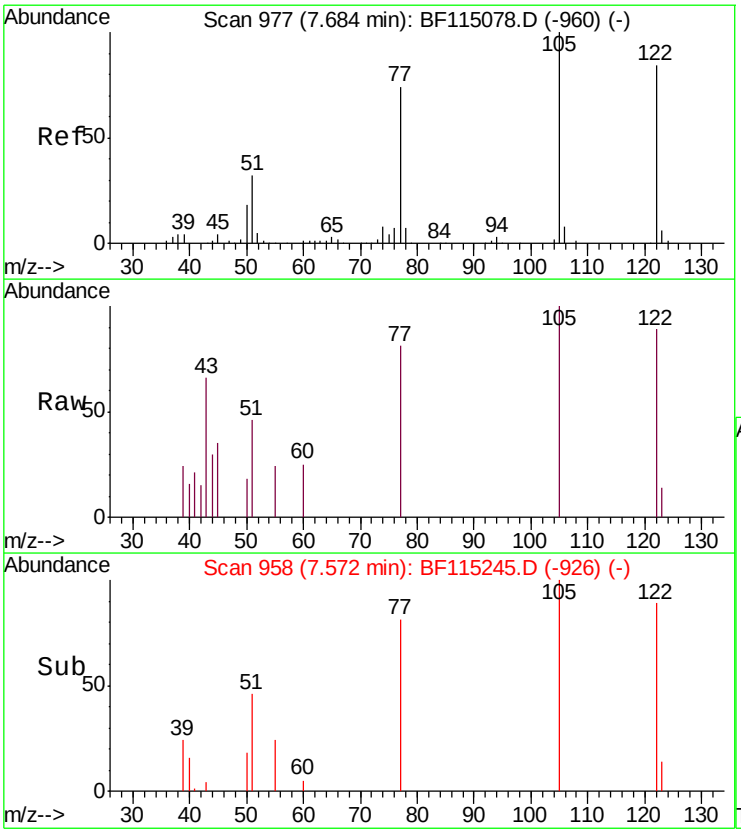
#31
Naphthalene
Concen: 0.452 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:128 Resp: 18006

Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.6	14.4
127	12.4	11.4	17.0

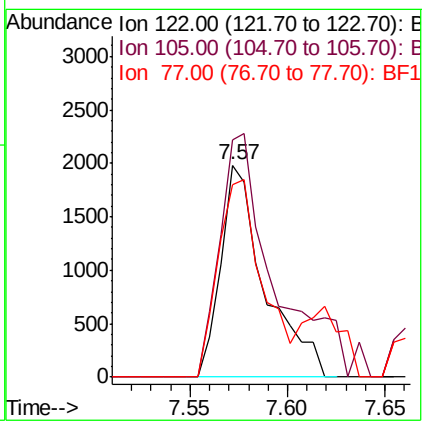


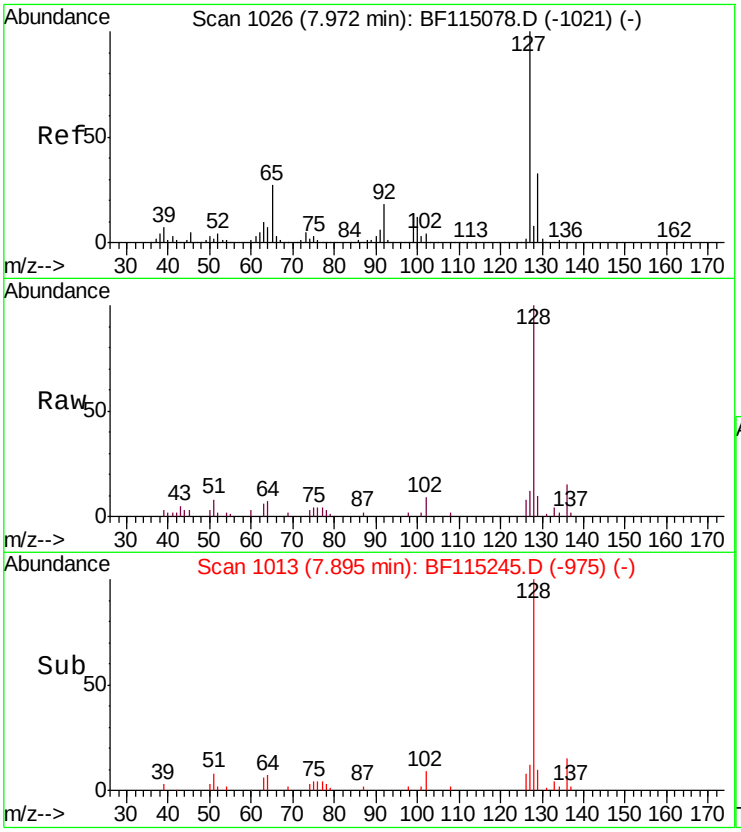


#32
Benzoic acid
Concen: 0.369 ng
RT: 7.57 min Scan# 958
Delta R.T. -0.11 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:122 Resp: 3098

Ion	Ratio	Lower	Upper
122	100		
105	112.1	98.2	138.2
77	90.9	67.0	107.0



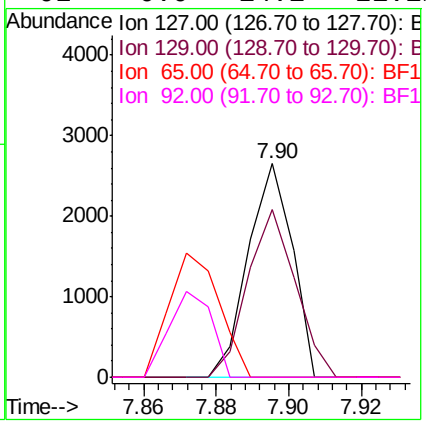


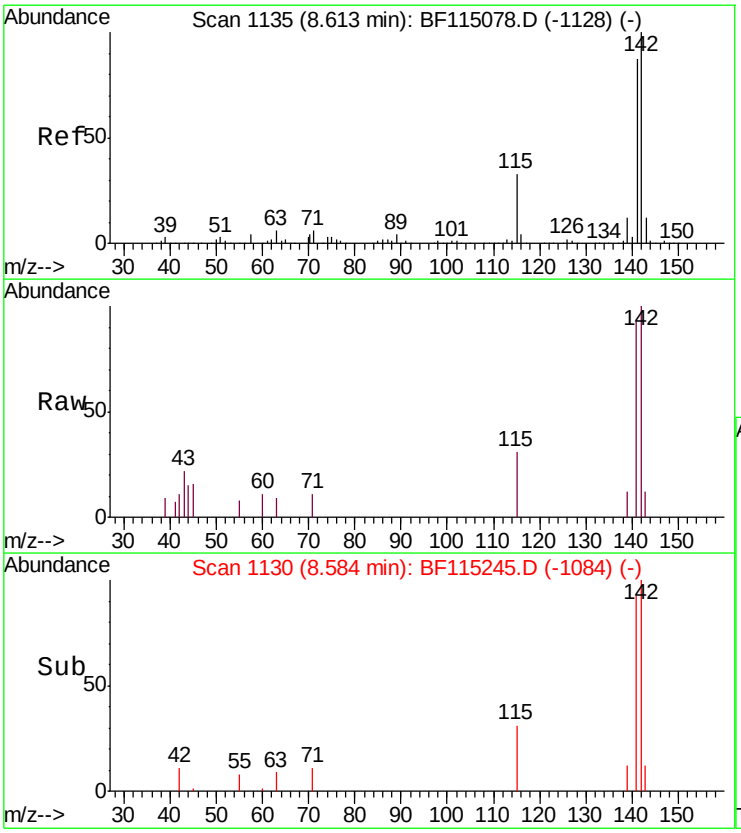
#33
4-Chloroaniline
Concen: 0.122 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.08 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:127 Resp: 2230

Ion	Ratio	Lower	Upper
127	100		
129	78.4	26.1	39.1#
65	0.0	21.4	32.2#
92	0.0	14.1	21.1#

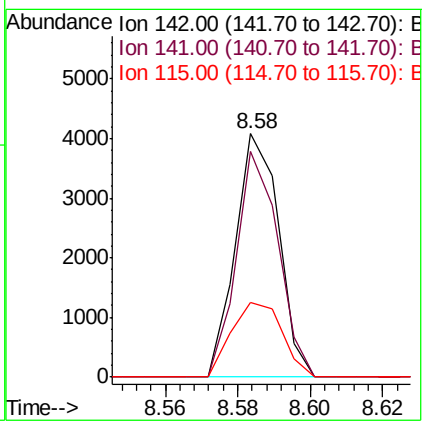


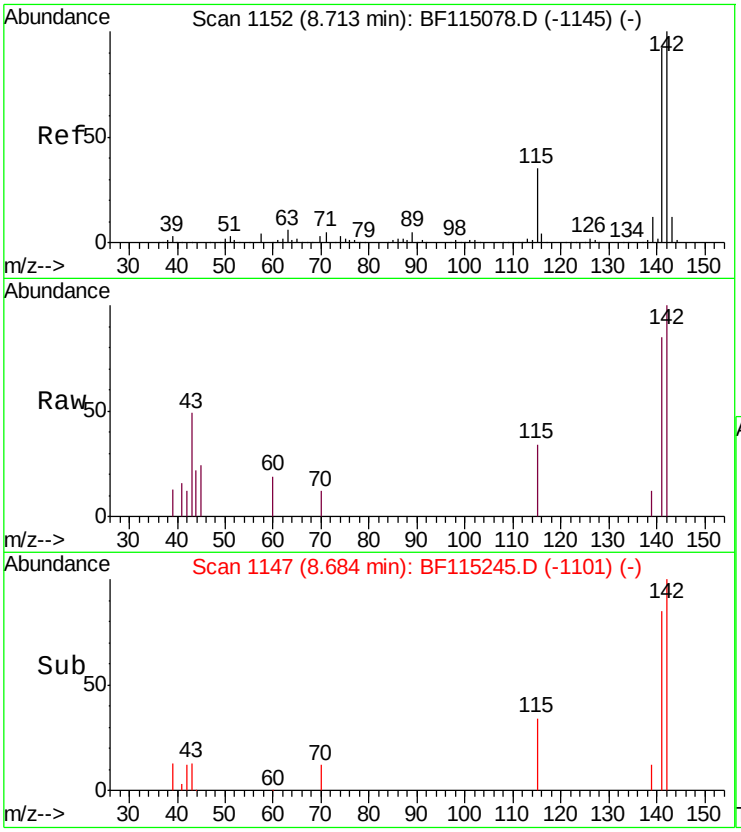


#37
2-Methylnaphthalene
Concen: 0.126 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:142 Resp: 3380

Ion	Ratio	Lower	Upper
142	100		
141	92.5	69.8	104.6
115	30.9	26.7	40.1



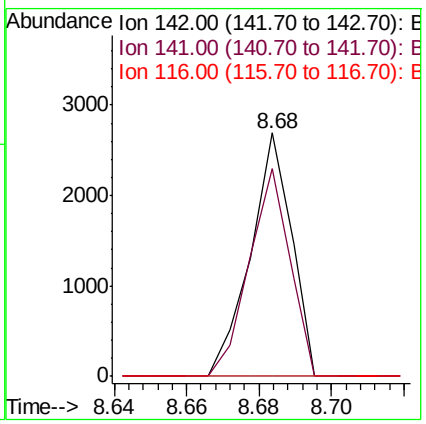


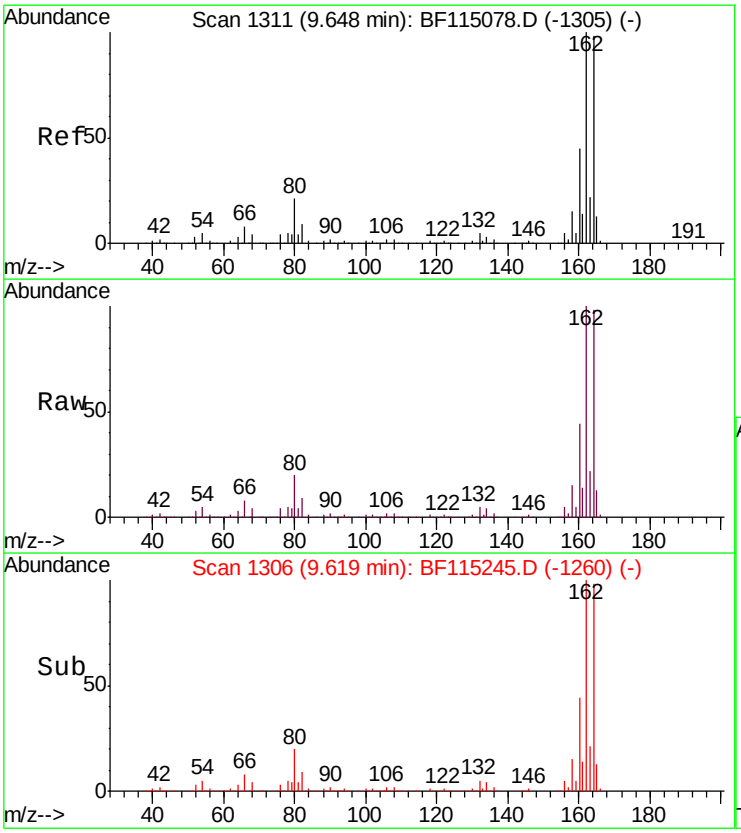
#38
1-Methylnaphthalene
Concen: 0.082 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:142 Resp: 2108

Ion	Ratio	Lower	Upper
142	100		
141	85.1	73.8	110.8
116	0.0	2.8	4.2#

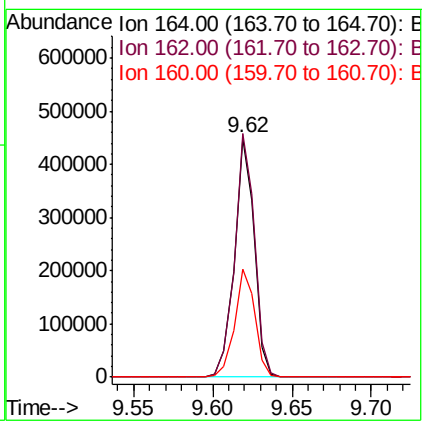


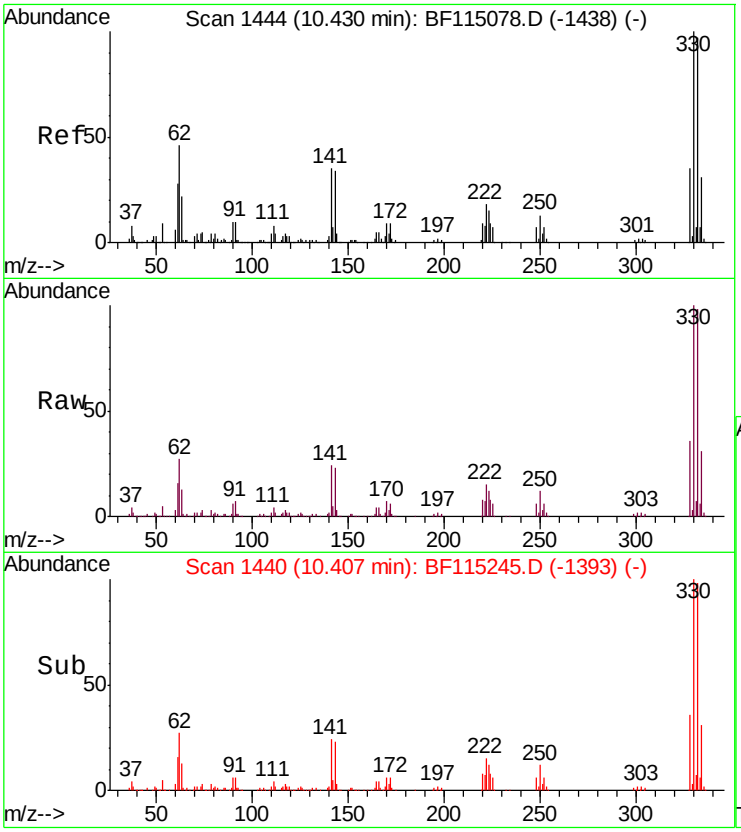


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:164 Resp: 388489

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.7	122.5
160	45.1	37.0	55.4



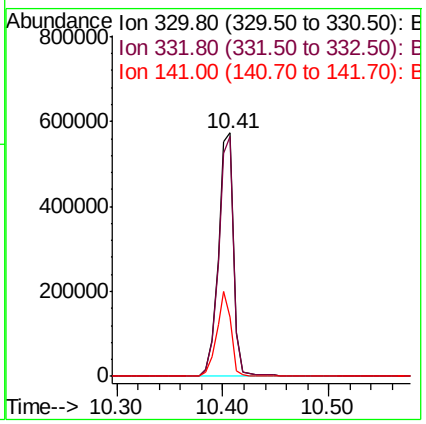


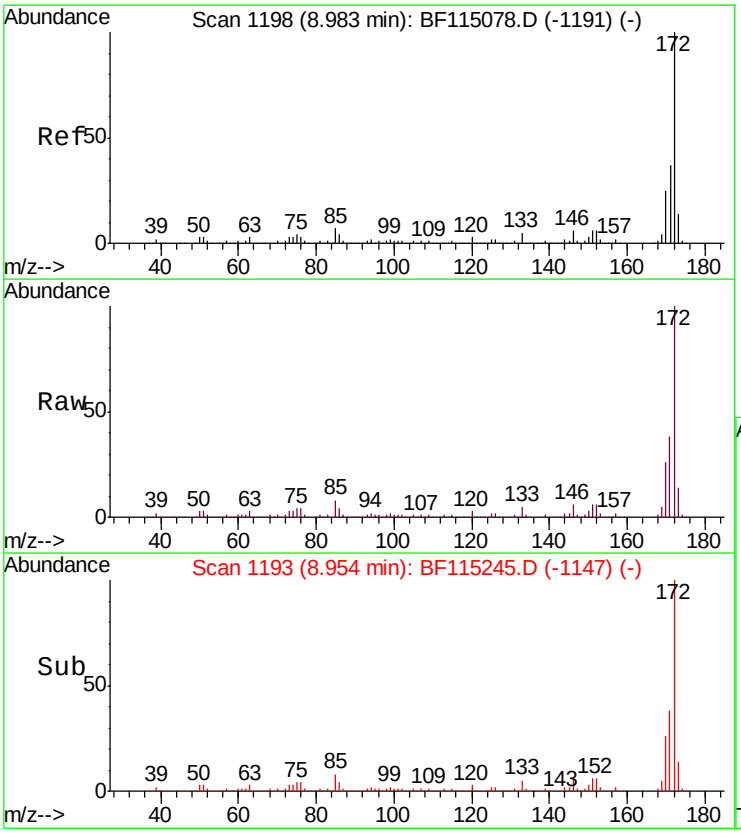
#42
2,4,6-Tribromophenol
Concen: 142.915 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:330 Resp: 585487

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.1	28.2	42.2

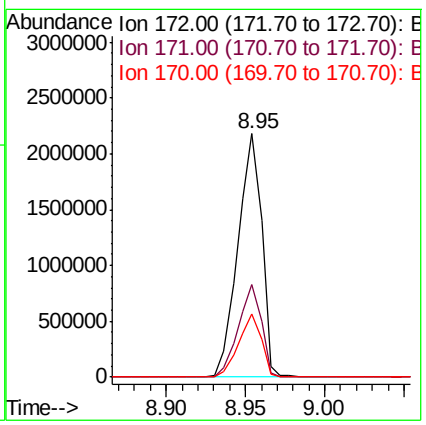


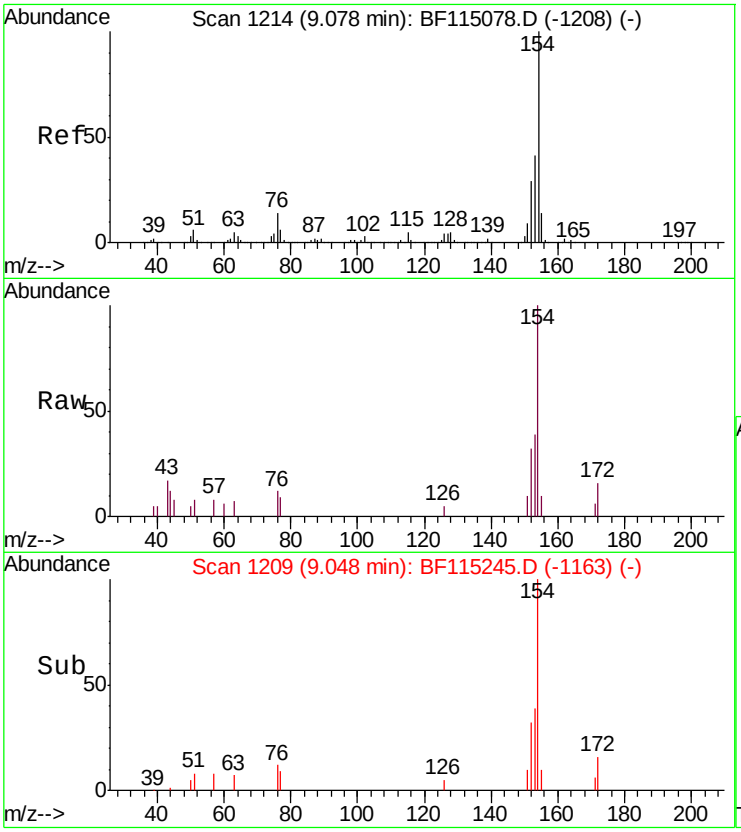


#45
2-Fluorobiphenyl
Concen: 99.005 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:172 Resp: 2264320

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	26.0	20.3	30.5



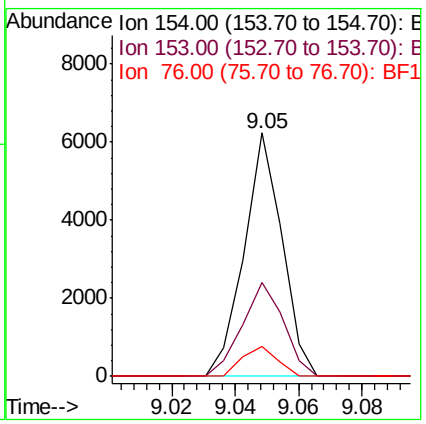


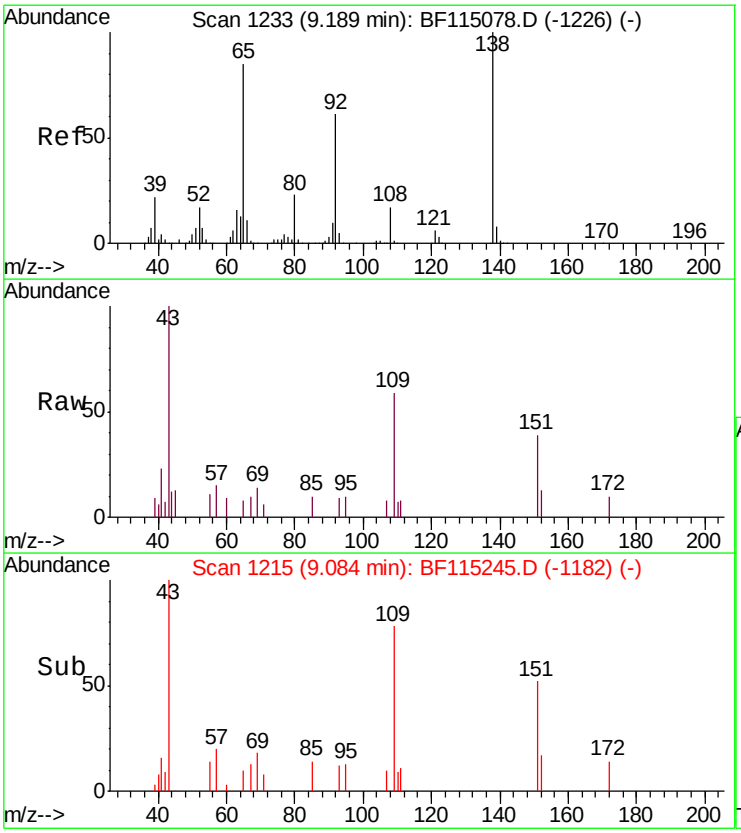
#46
1,1'-Biphenyl
Concen: 0.167 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:154 Resp: 5177

Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.9	60.9
76	12.4	0.0	34.1

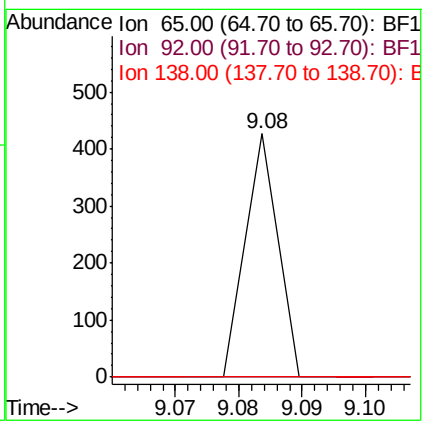


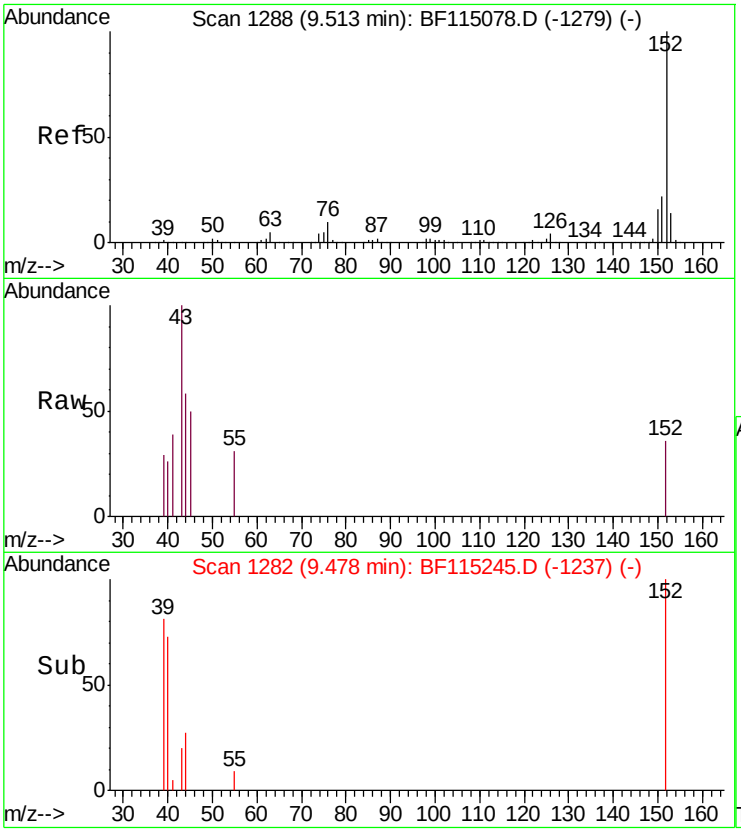


#48
2-Nitroaniline
Concen: 0.021 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.11 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 65 Resp: 151

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



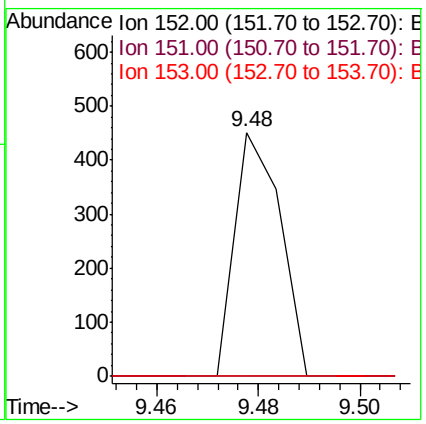


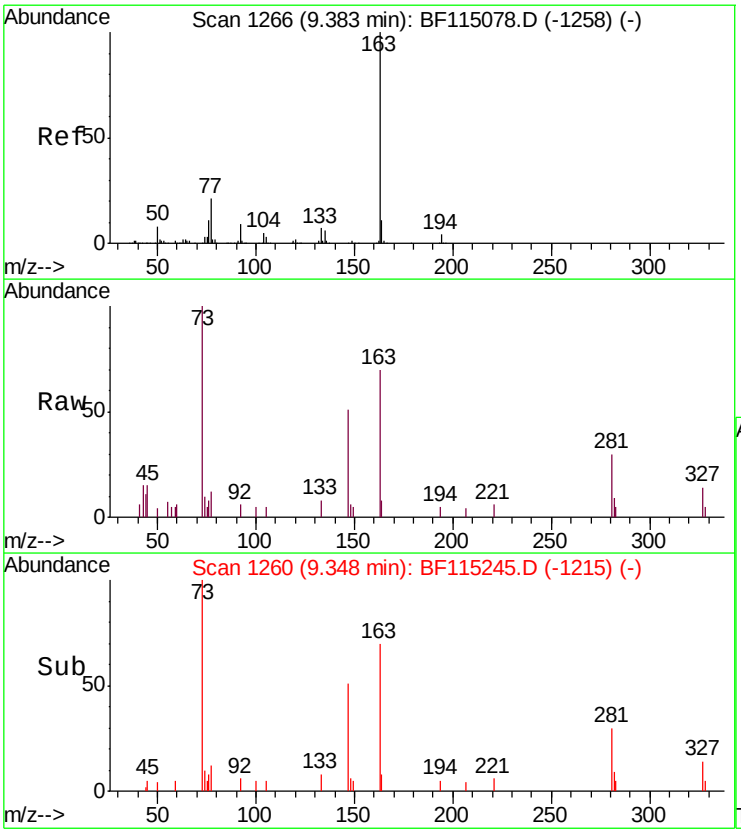
#49
Acenaphthylene
Concen: 0.007 ng
RT: 9.48 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:152 Resp: 281

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	11.0	16.6#

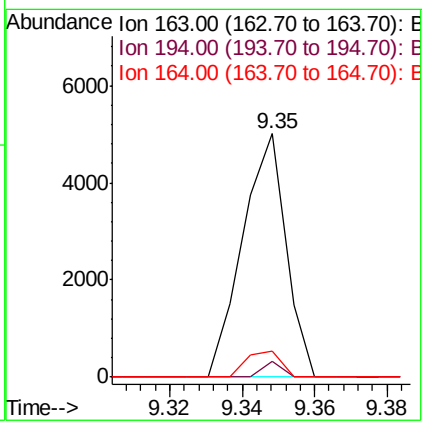


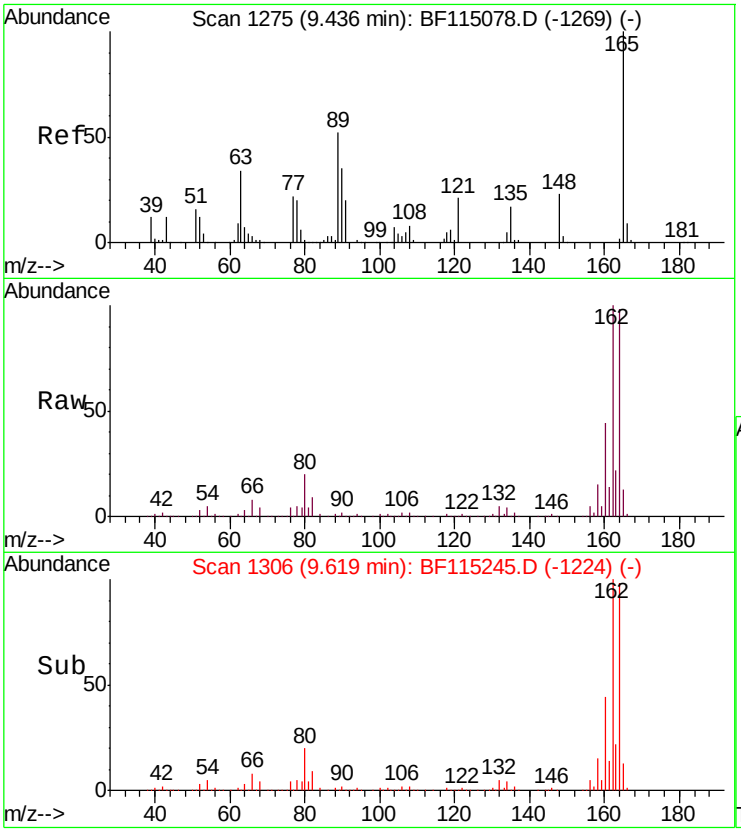


#50
Dimethylphthalate
Concen: 0.145 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:163 Resp: 4154

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.2	4.8#
164	10.9	8.6	13.0



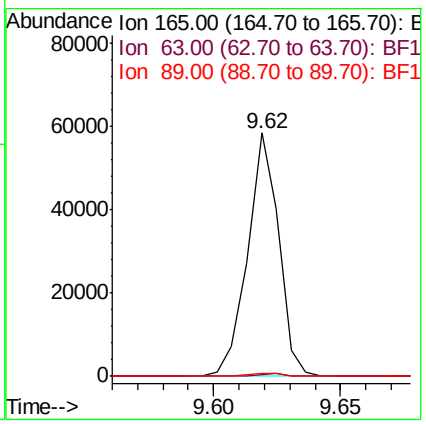


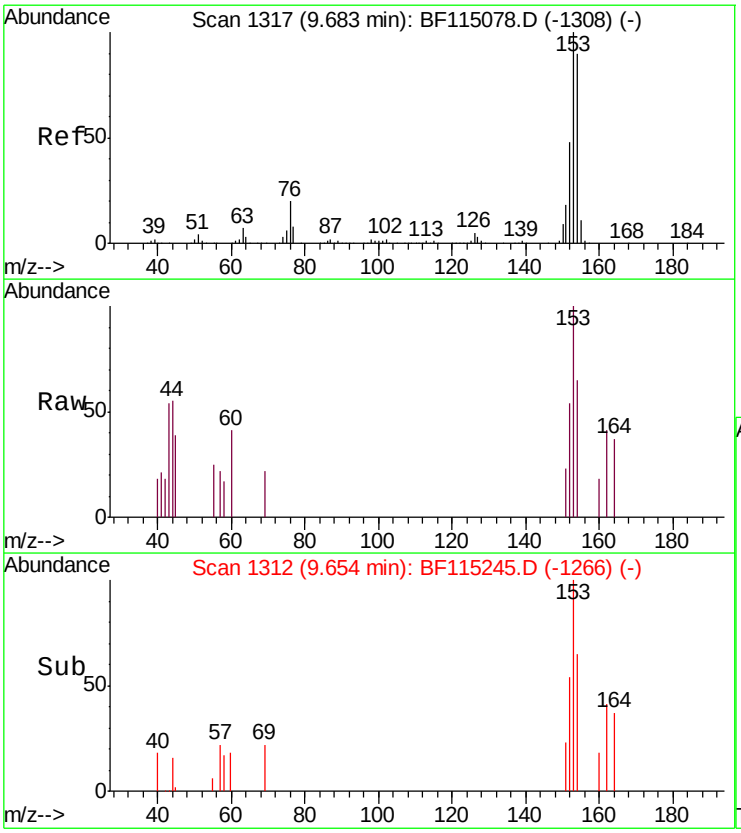
#51
2,6-Dinitrotoluene
Concen: 7.573 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.18 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:165 Resp: 49974

Ion	Ratio	Lower	Upper
165	100		
63	0.7	39.4	59.2#
89	1.4	42.0	63.0#

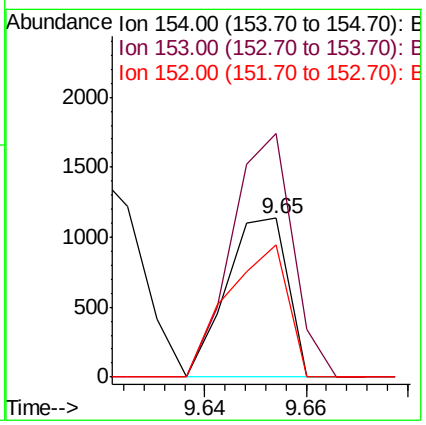


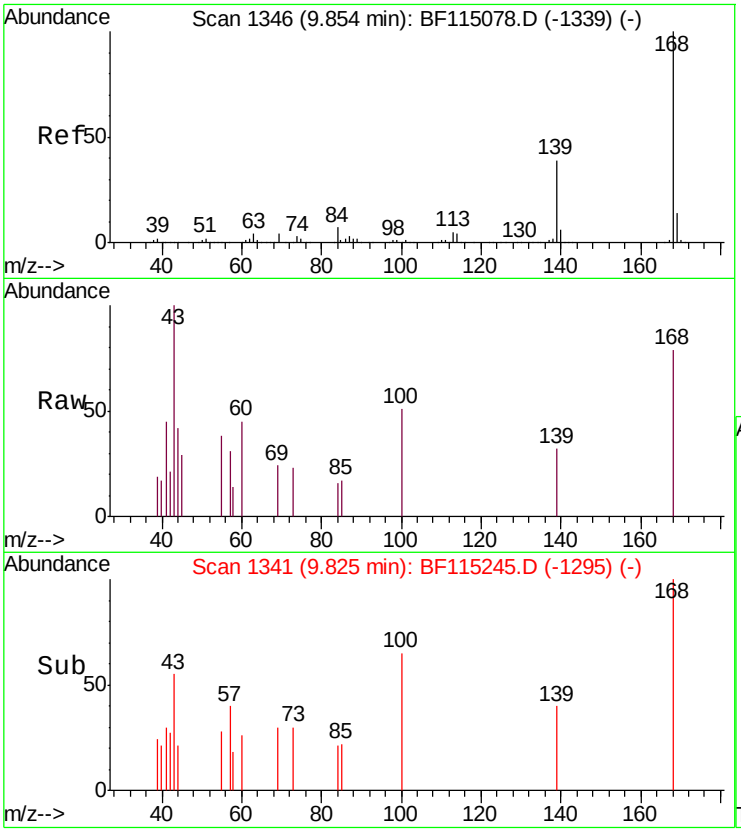


#52
Acenaphthene
Concen: 0.038 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:154 Resp: 946

Ion	Ratio	Lower	Upper
154	100		
153	153.4	88.7	133.1#
152	83.2	42.6	64.0#



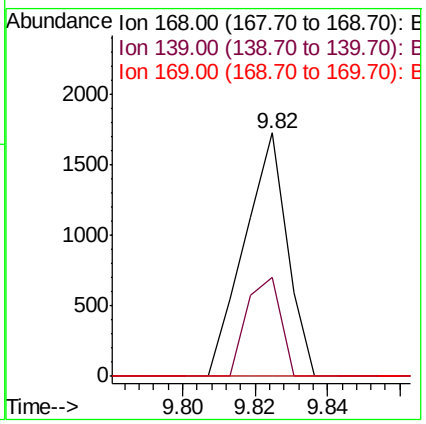


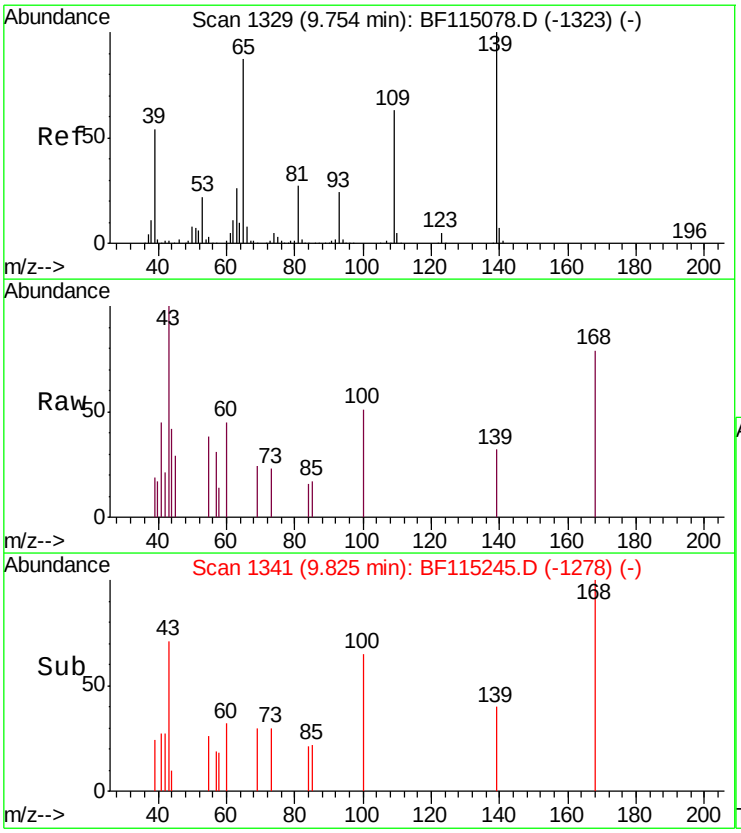
#55
Dibenzofuran
Concen: 0.040 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:168 Resp: 1414

Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.1	46.7
169	0.0	11.3	16.9#

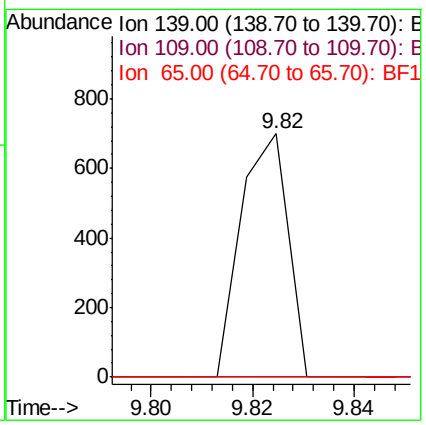


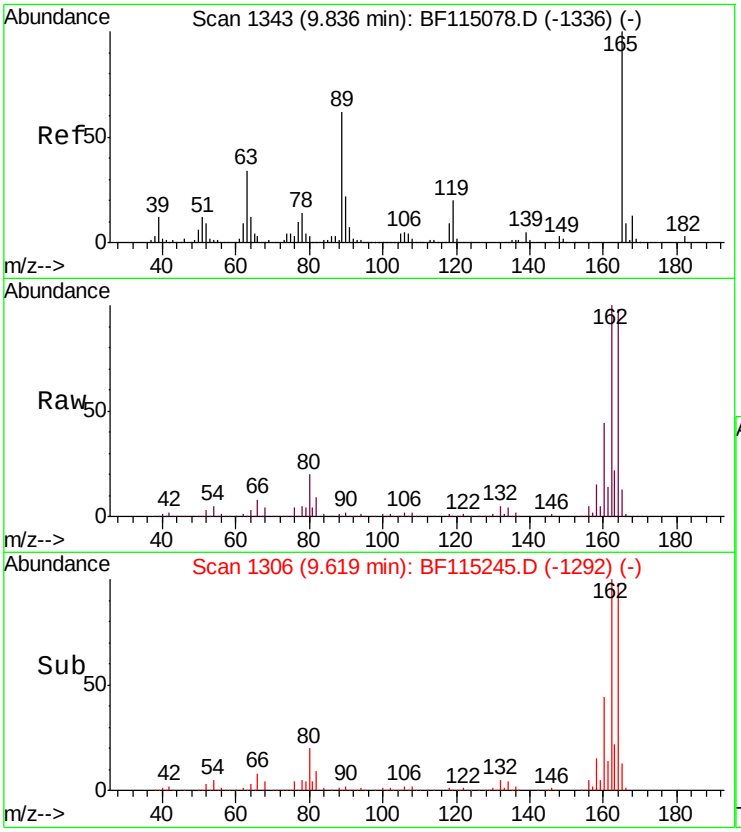


#56
4-Nitrophenol
Concen: 0.070 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:139 Resp: 450

Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.0	83.0#
65	0.0	67.0	107.0#



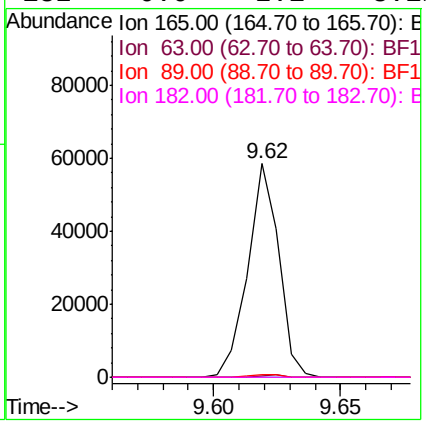


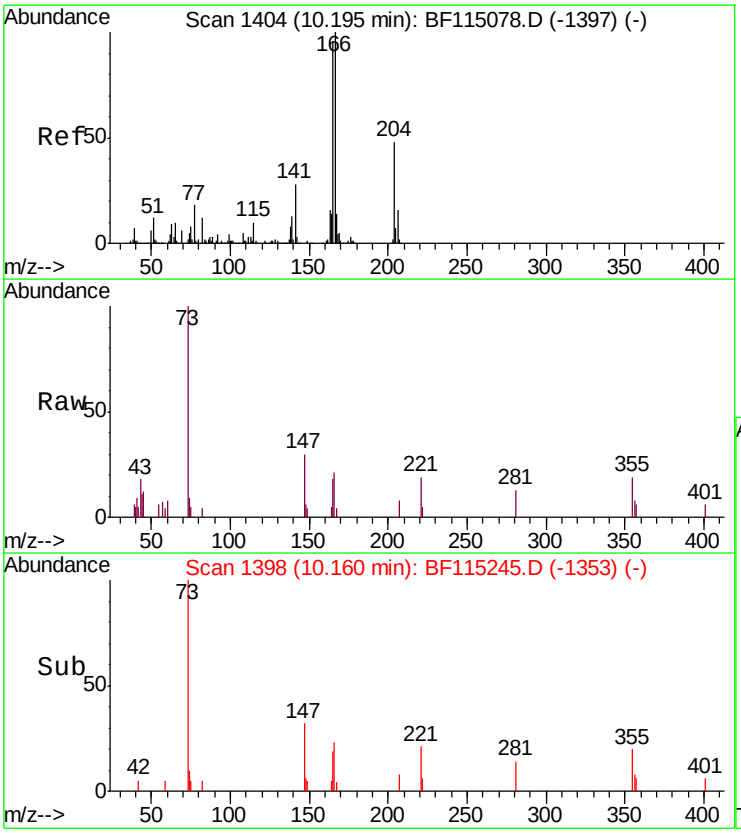
#57
2,4-Dinitrotoluene
Concen: 5.865 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:165 Resp: 49974

Ion	Ratio	Lower	Upper
165	100		
63	0.7	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#

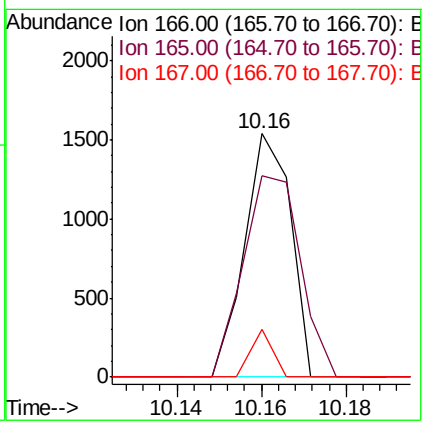


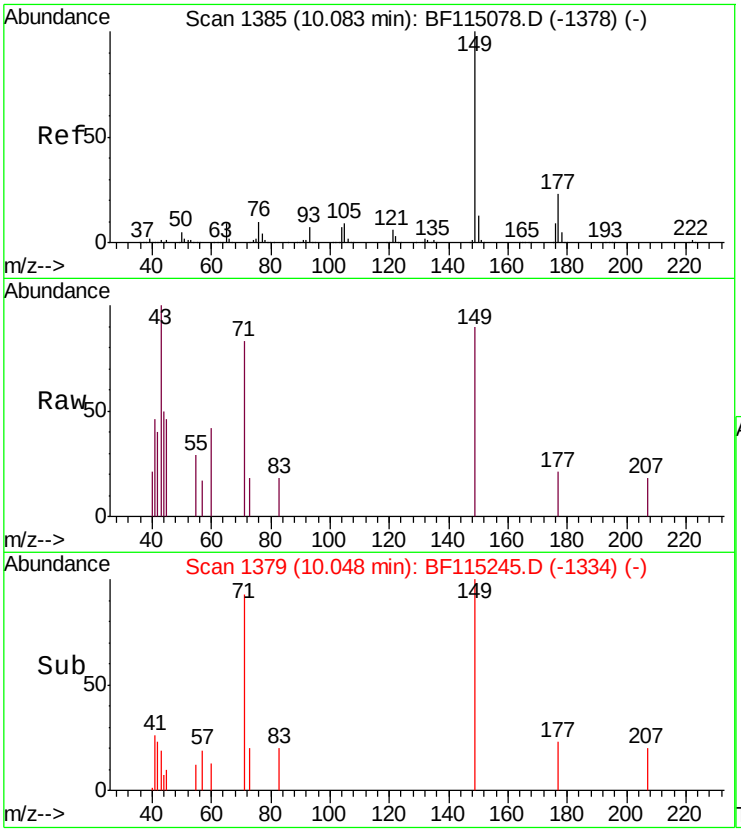


#58
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 1398
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:166 Resp: 1168

Ion	Ratio	Lower	Upper
166	100		
165	82.9	76.5	114.7
167	19.8	11.0	16.4#



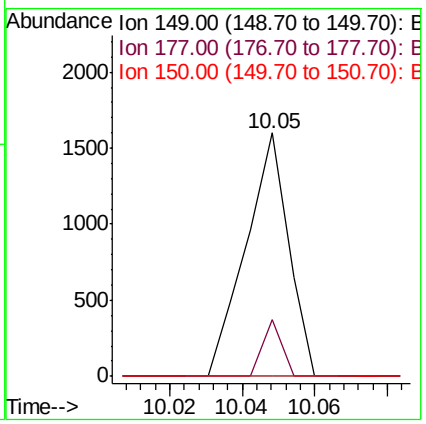


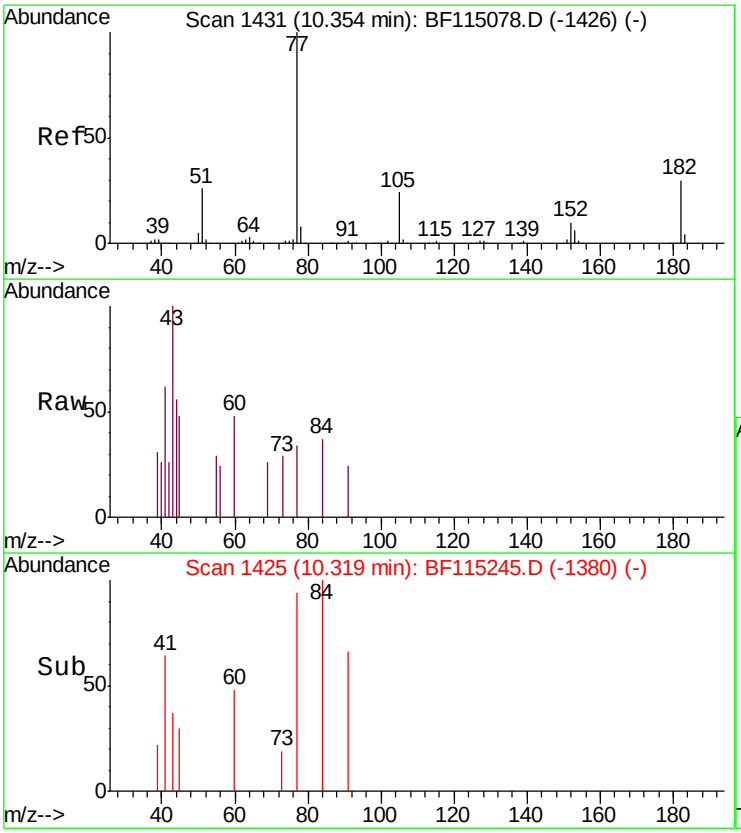
#60
Diethylphthalate
Concen: 0.045 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:149 Resp: 1305

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	0.0	10.4	15.6#

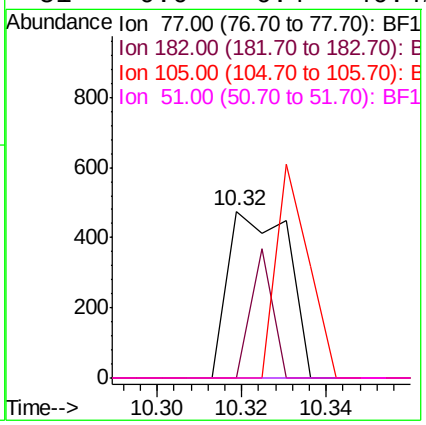


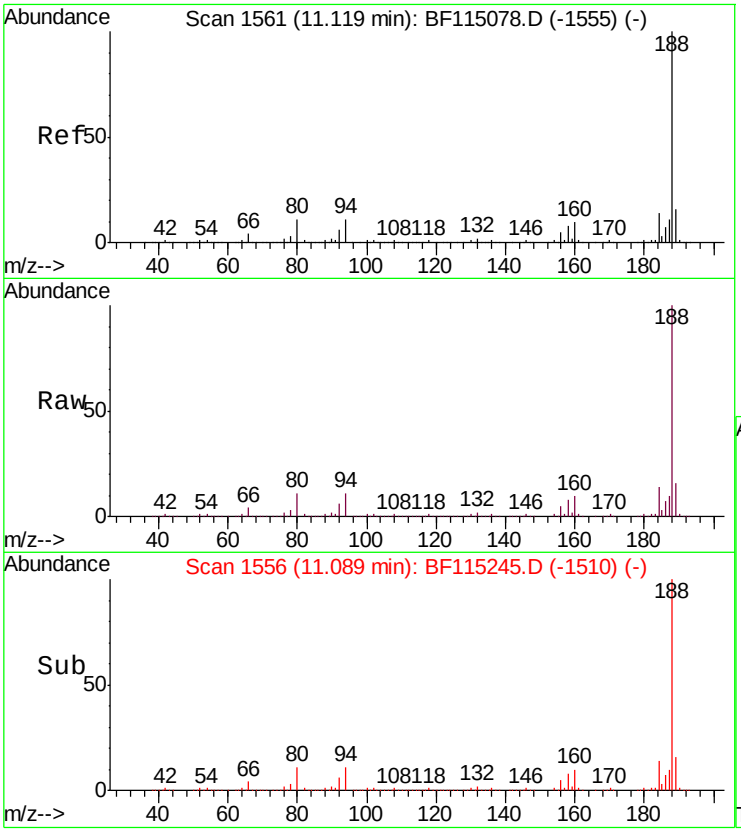


#63
Azobenzene
Concen: 0.018 ng
RT: 10.32 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion: 77 Resp: 473

Ion	Ratio	Lower	Upper
77	100		
182	0.0	10.1	50.1#
105	0.0	4.5	44.5#
51	0.0	6.4	46.4#



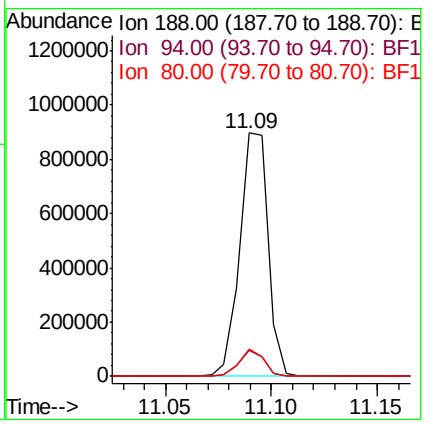


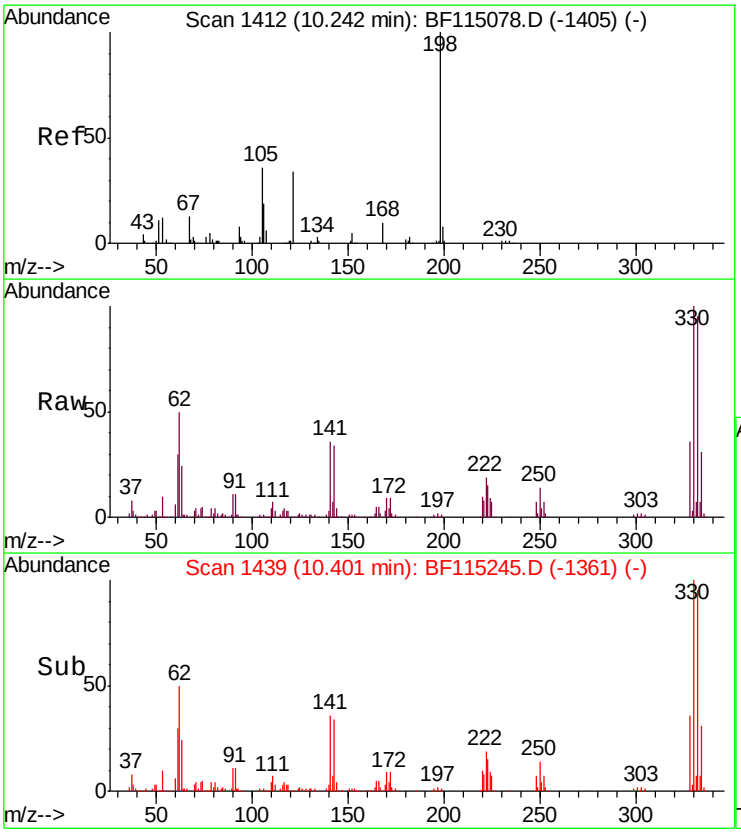
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:188 Resp: 836661

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	11.2	8.8	13.2

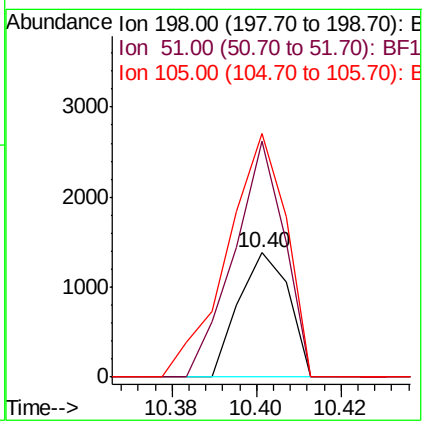


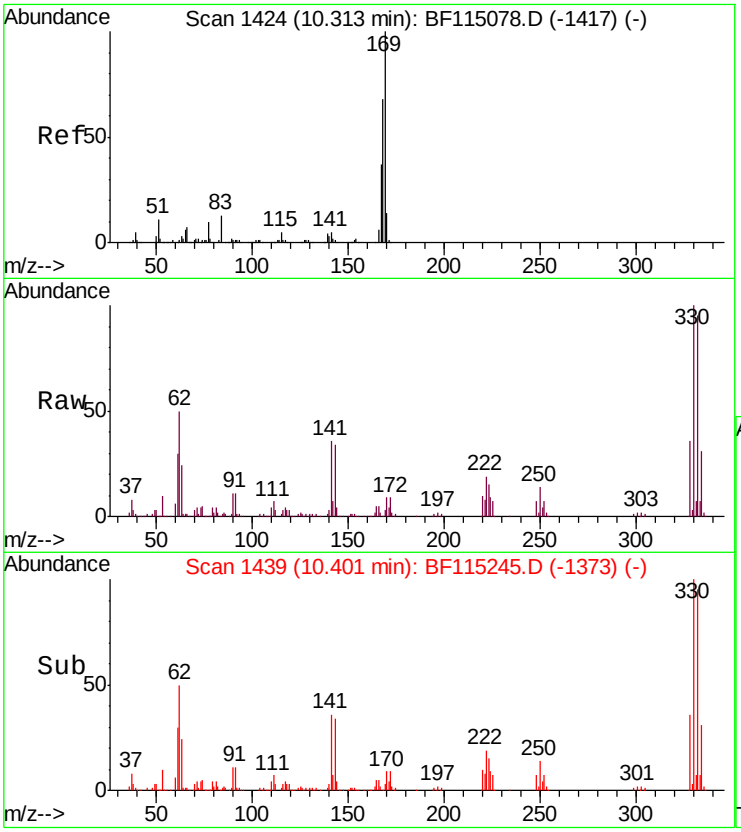


#65
4,6-Dinitro-2-methylphenol
Concen: 5.190 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.16 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:198 Resp: 1142

Ion	Ratio	Lower	Upper
198	100		
51	189.5	11.0	51.0#
105	195.5	17.3	57.3#



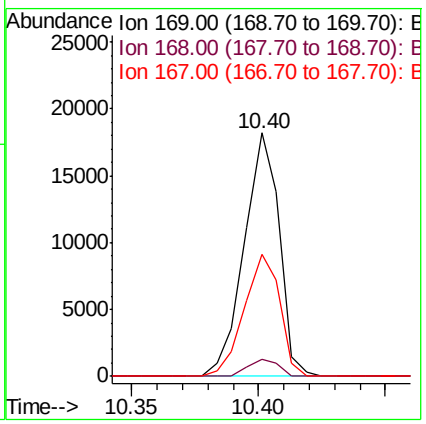


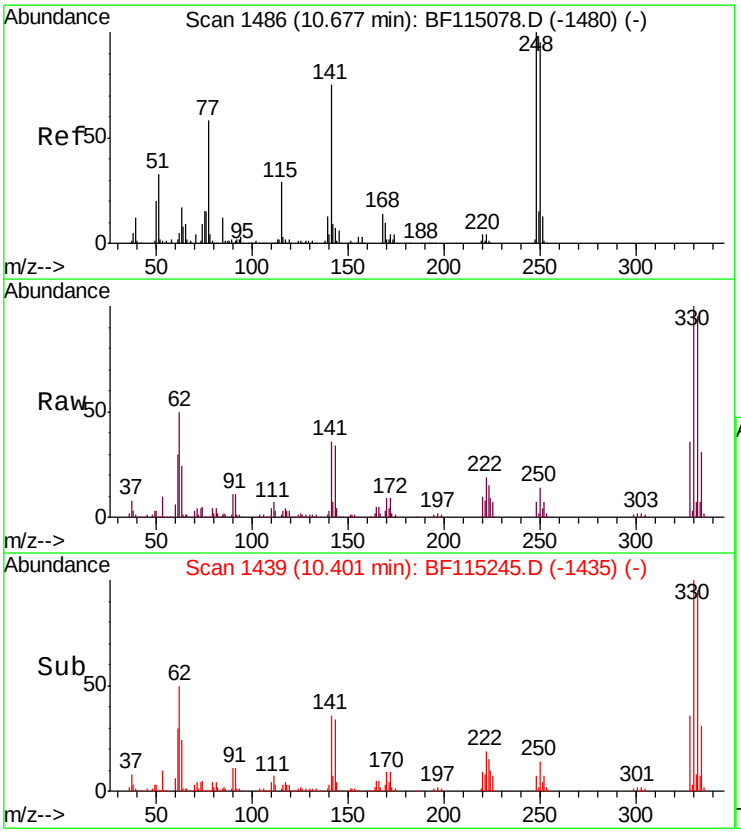
#66
n-Nitrosodiphenylamine
Concen: 0.669 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.09 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:169 Resp: 17447

Ion	Ratio	Lower	Upper
169	100		
168	6.9	54.2	81.4#
167	49.9	29.4	44.0#

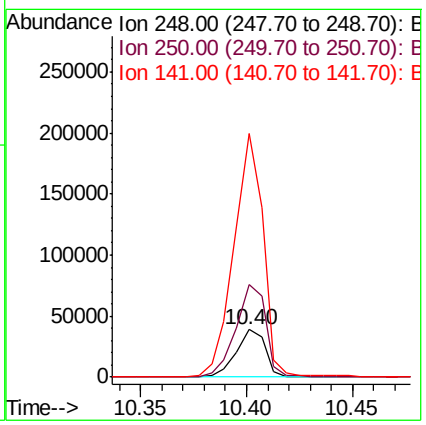


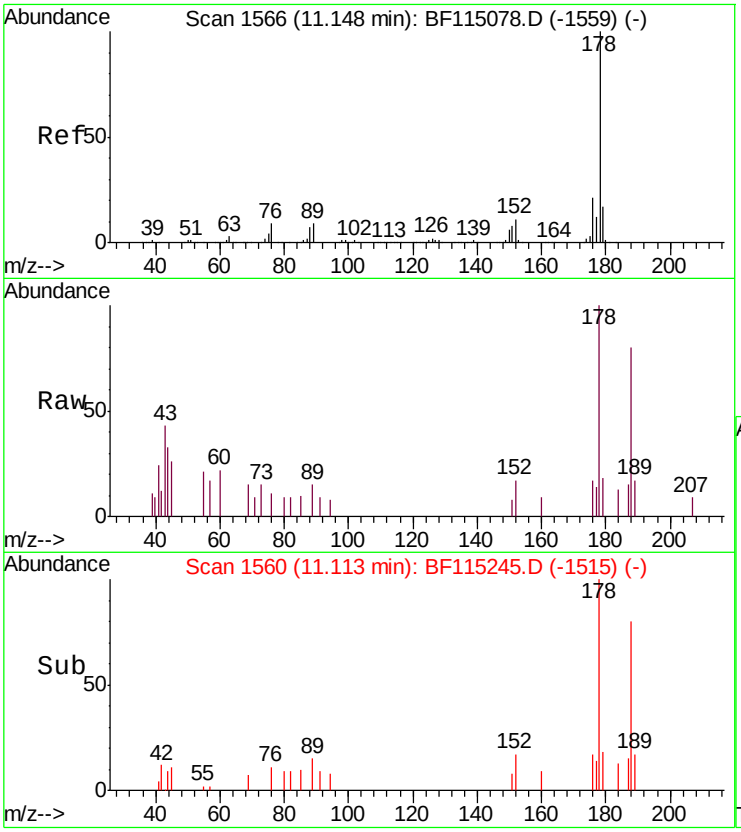


#67
4-Bromophenyl-phenylether
Concen: 4.099 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.28 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:248 Resp: 37178

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.2	114.2#
141	510.6	59.6	89.4#



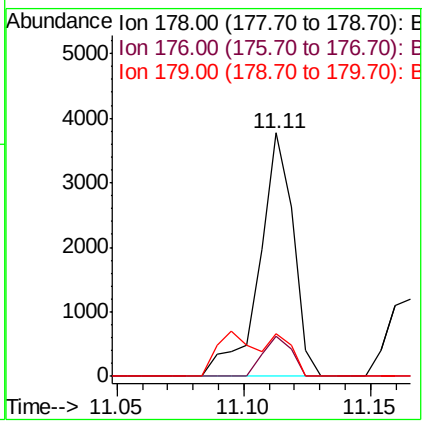


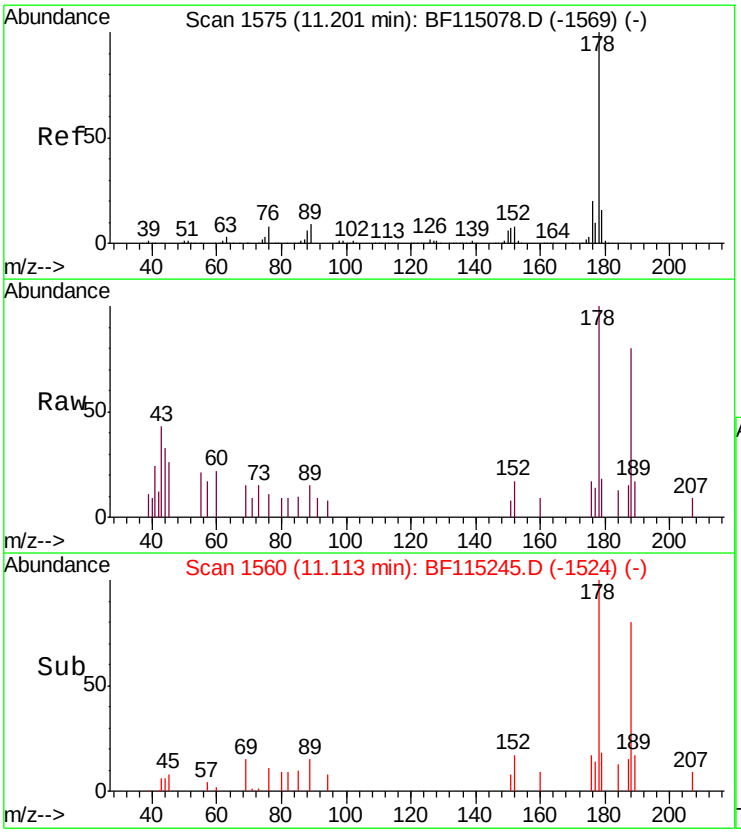
#71
Phenanthrene
Concen: 0.078 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:178 Resp: 3528

Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.9	25.3#
179	17.5	13.2	19.8

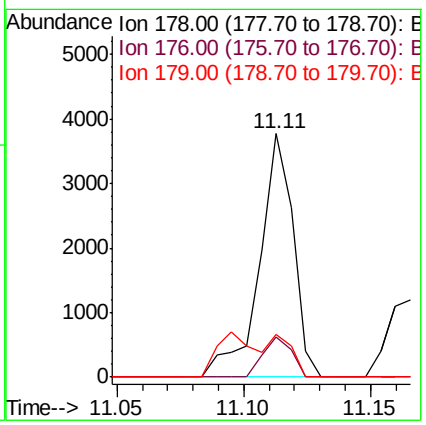


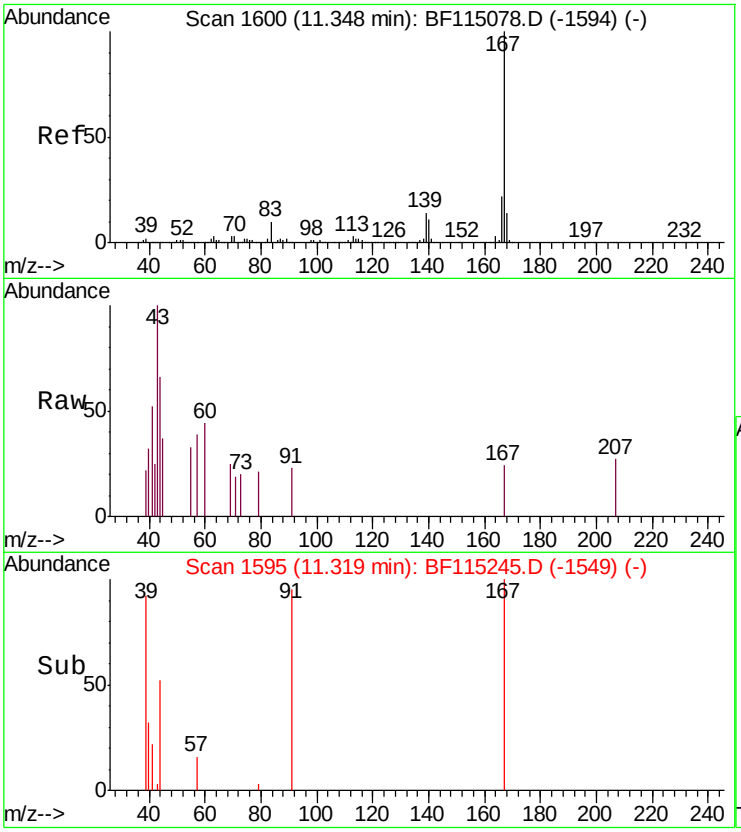


#72
Anthracene
Concen: 0.078 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.09 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:178 Resp: 3528

Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.1	24.1
179	17.5	12.9	19.3



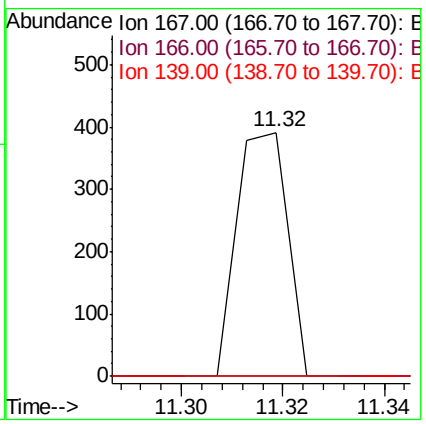


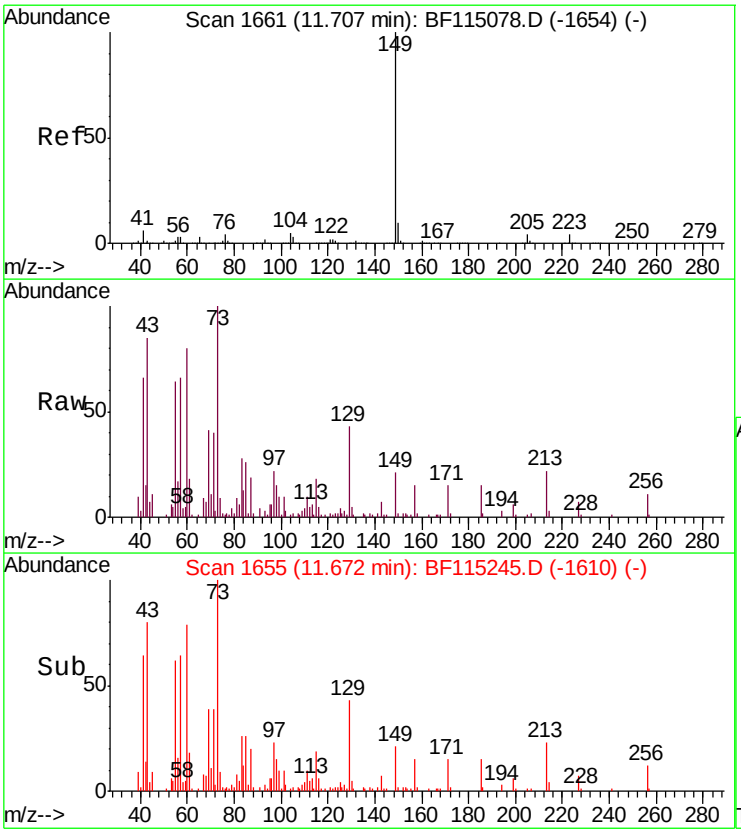
#73
Carbazole
Concen: 0.007 ng
RT: 11.32 min Scan# 1595
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:167 Resp: 271

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.0	27.0#
139	0.0	11.1	16.7#

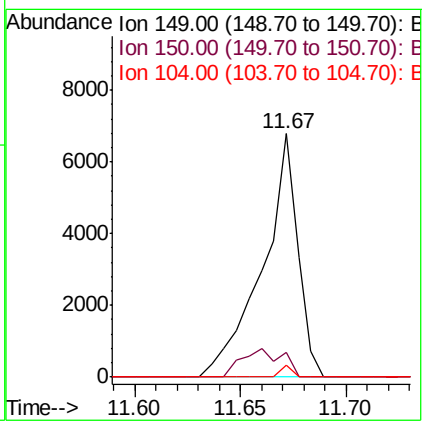


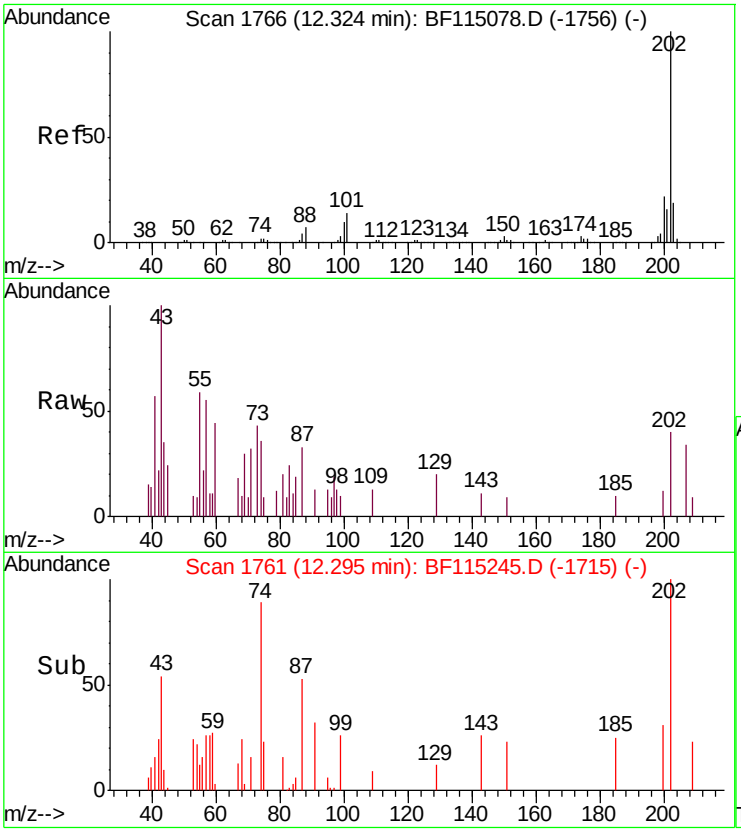


#74
Di-n-butylphthalate
Concen: 0.167 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:149 Resp: 7845

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	4.9	3.7	5.5



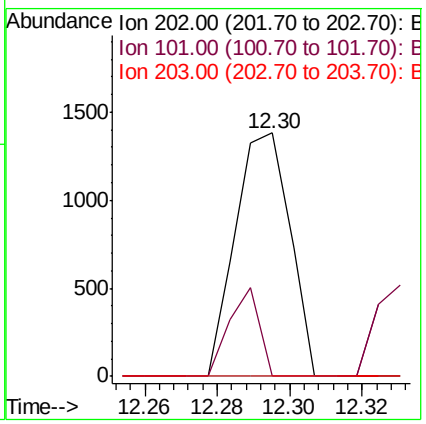


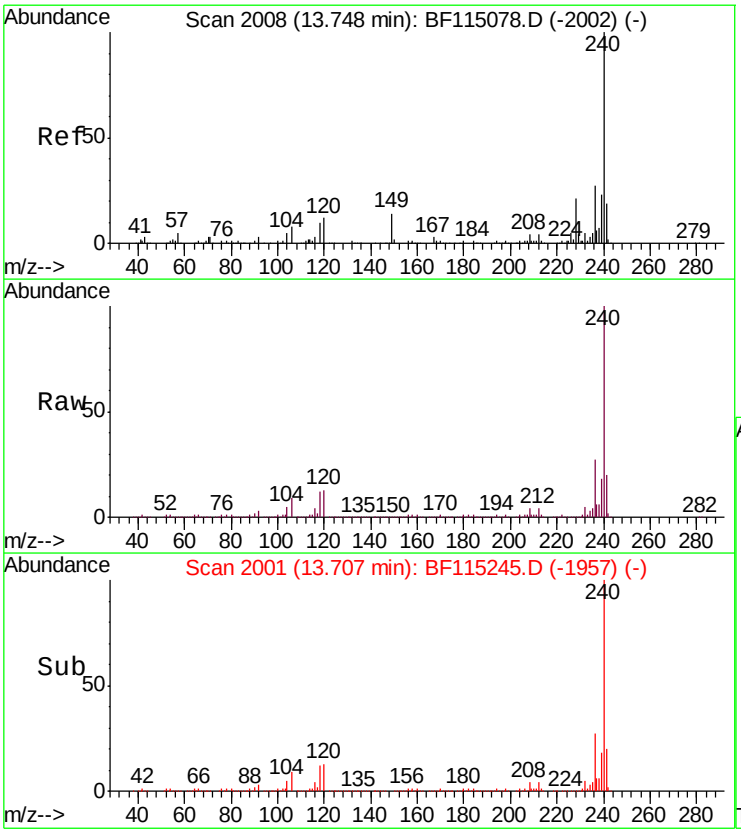
#75
Fluoranthene
Concen: 0.032 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:202 Resp: 1442

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

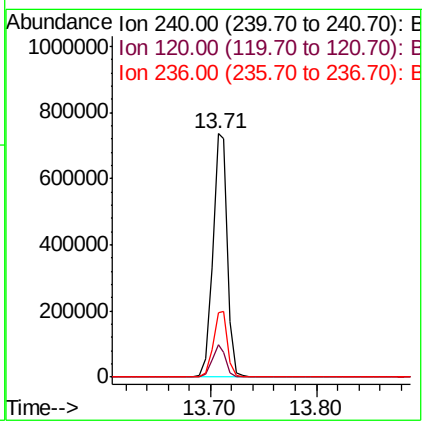


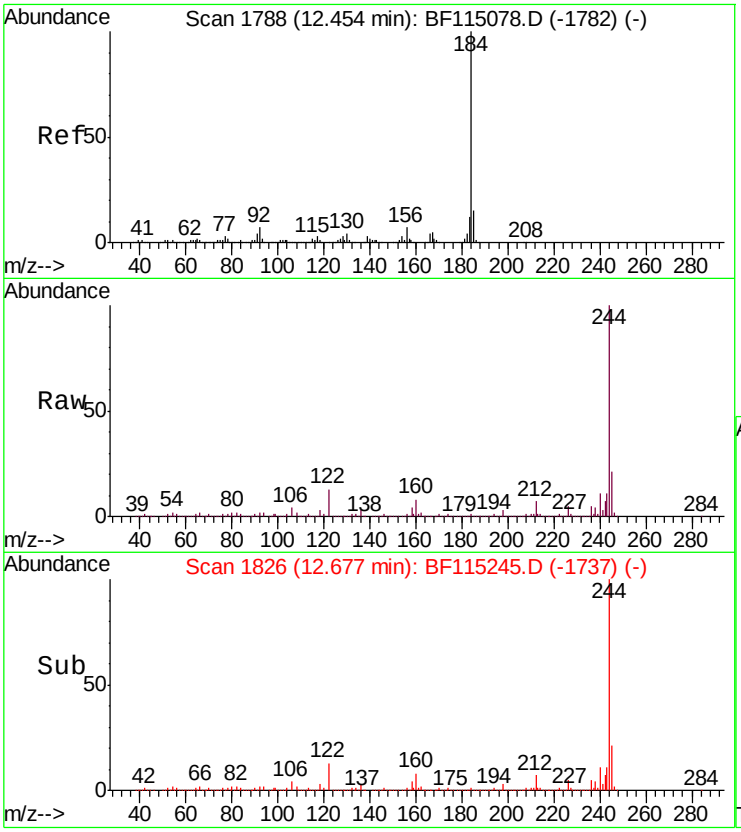


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:240 Resp: 721161

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.4	14.2
236	26.6	21.7	32.5



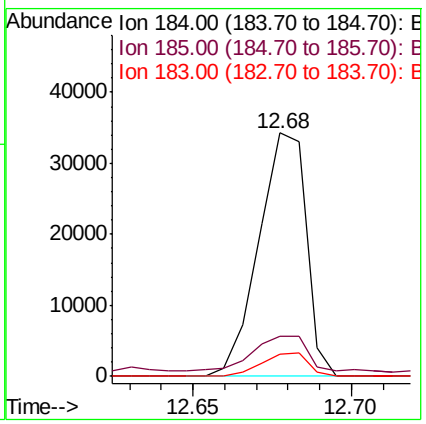


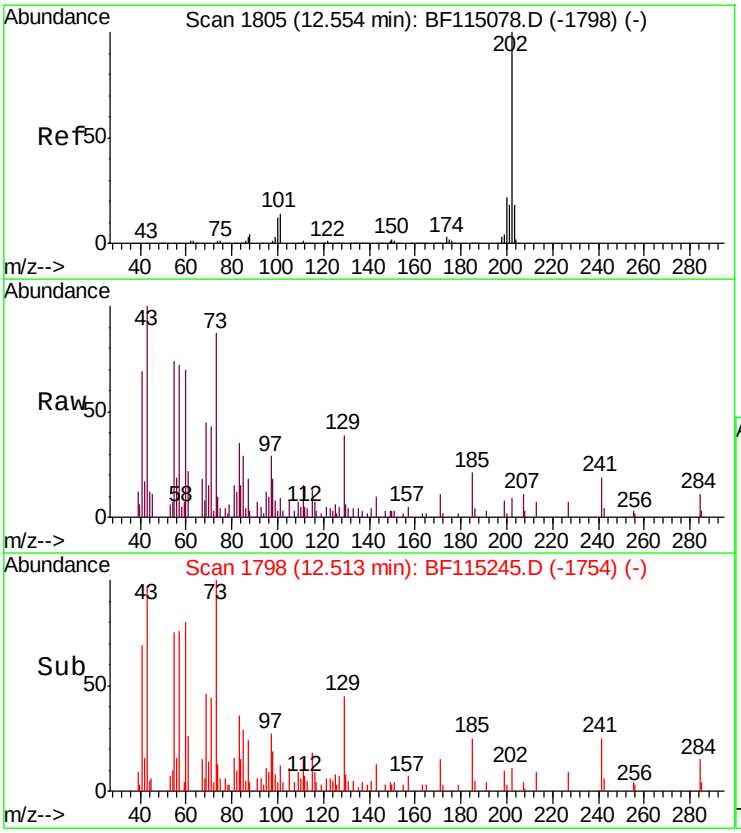
#77
Benzidine
Concen: 1.117 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.22 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:184 Resp: 35765

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.2
183	8.9	9.6	14.4#

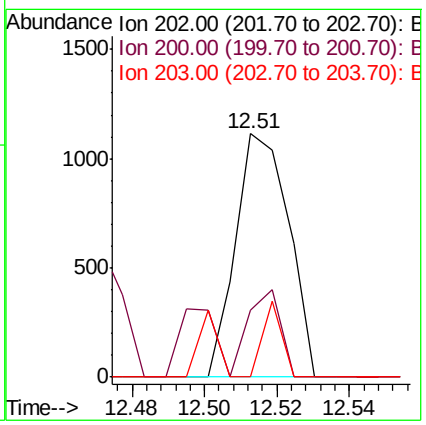


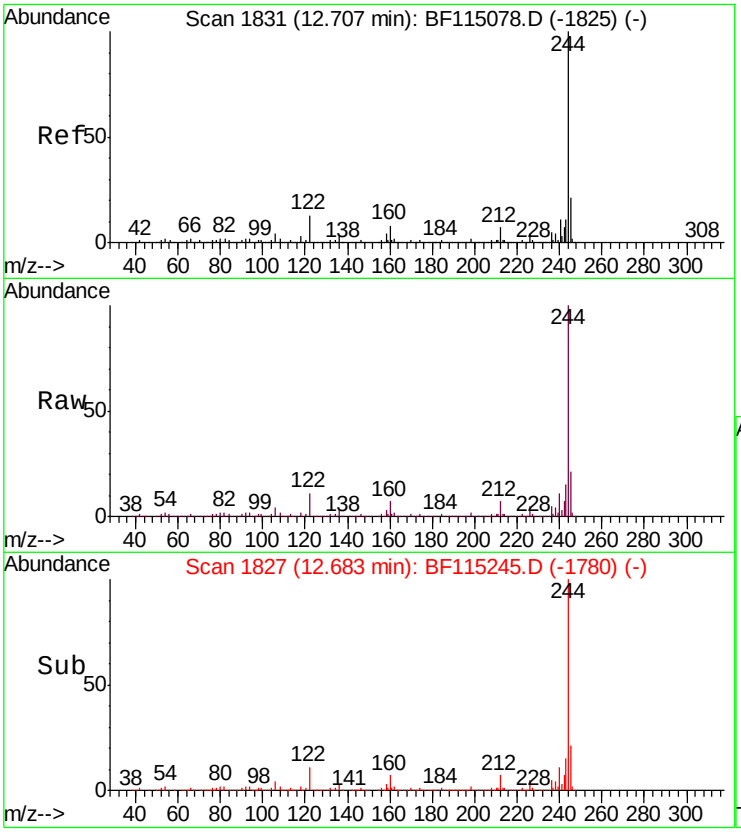


#78
Pyrene
Concen: 0.020 ng
RT: 12.51 min Scan# 1798
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:202 Resp: 1127

Ion	Ratio	Lower	Upper
202	100		
200	27.6	17.9	26.9#
203	0.0	14.6	21.8#



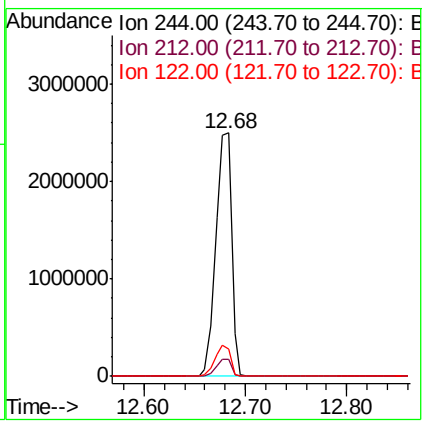


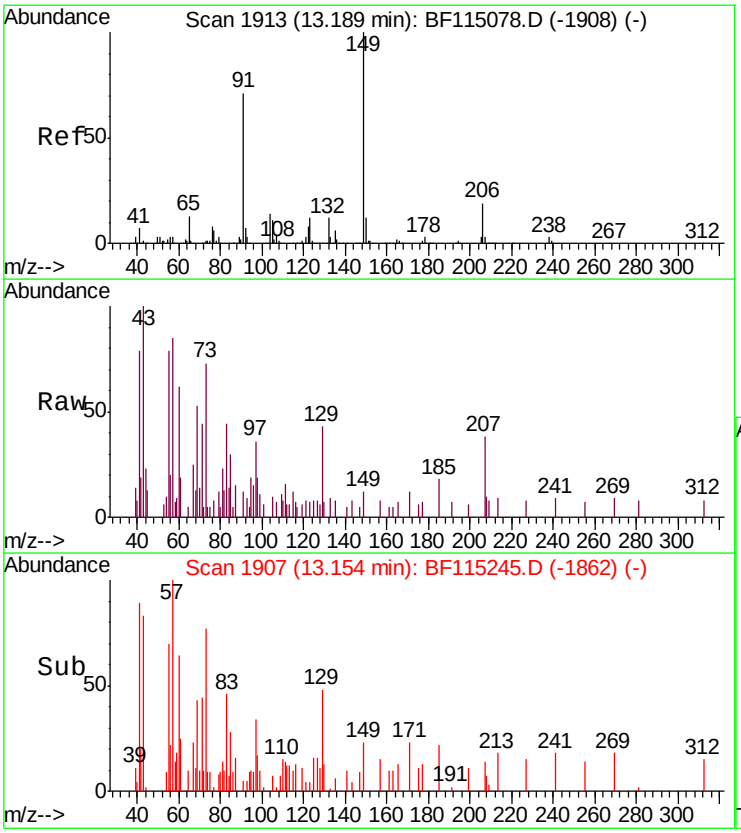
#79
Terphenyl-d14
Concen: 79.805 ng
RT: 12.68 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:244 Resp: 2706873

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.2	10.4	15.6

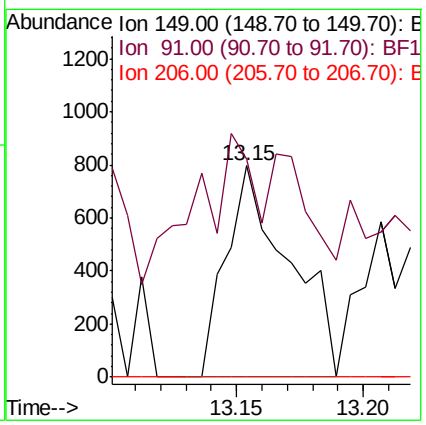


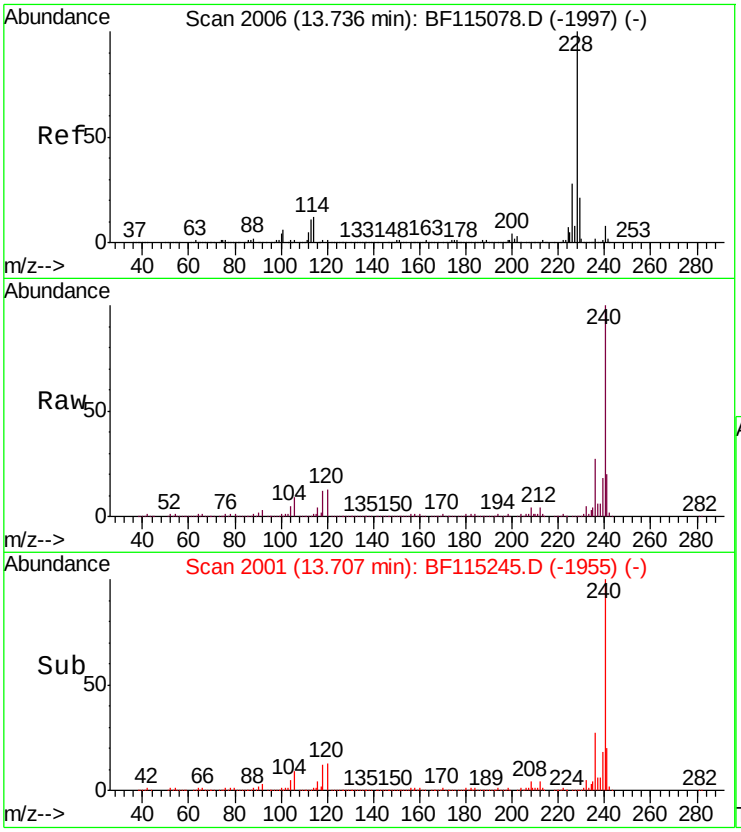


#80
Butylbenzylphthalate
Concen: 0.056 ng
RT: 13.15 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:149 Resp: 1376

Ion	Ratio	Lower	Upper
149	100		
91	103.0	56.5	84.7#
206	0.0	15.3	22.9#



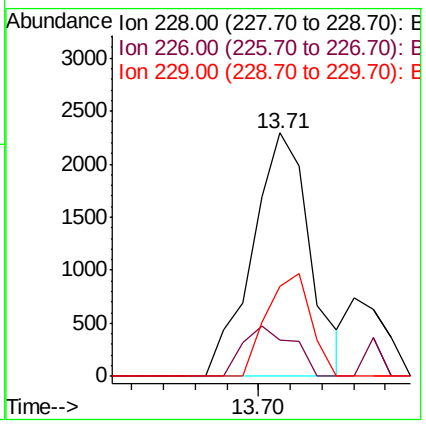


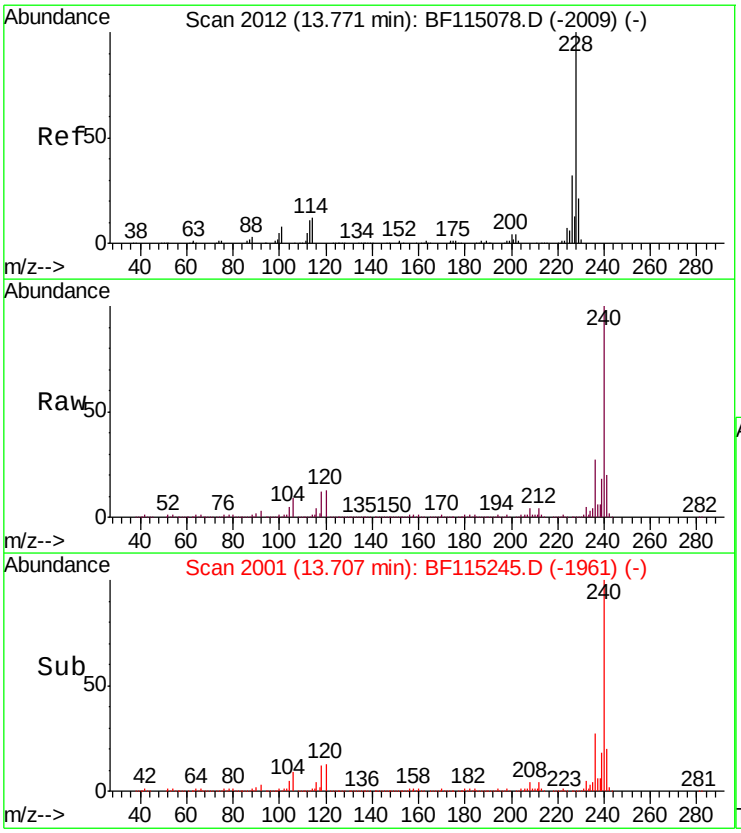
#81
Benzo(a)anthracene
Concen: 0.056 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:228 Resp: 2894

Ion	Ratio	Lower	Upper
228	100		
226	15.0	22.5	33.7#
229	37.0	16.6	24.8#

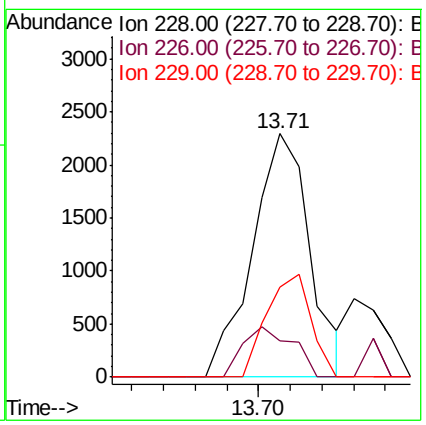


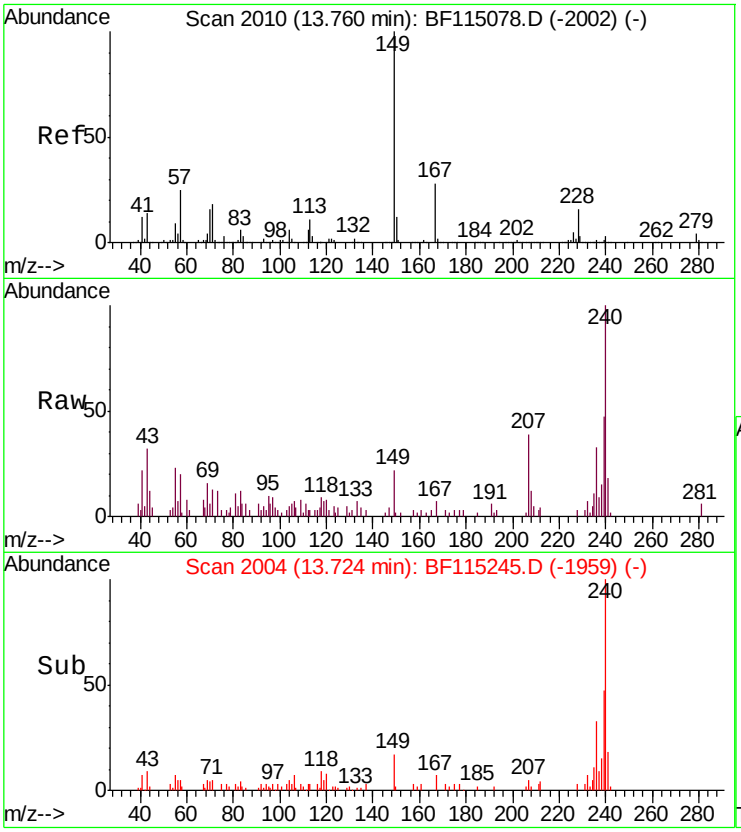


#83
Chrysene
Concen: 0.061 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.06 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:228 Resp: 2894

Ion	Ratio	Lower	Upper
228	100		
226	15.0	25.4	38.0#
229	37.0	16.5	24.7#



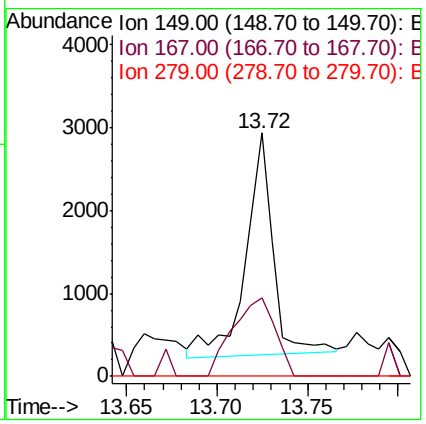


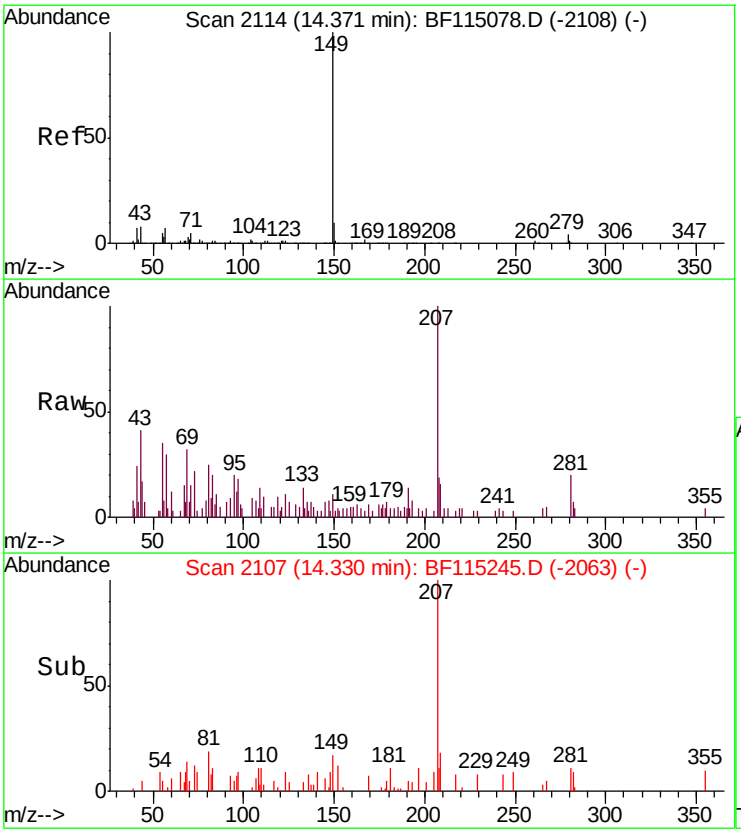
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:149 Resp: 2812

Ion	Ratio	Lower	Upper
149	100		
167	32.5	22.2	33.4
279	0.0	2.9	4.3#

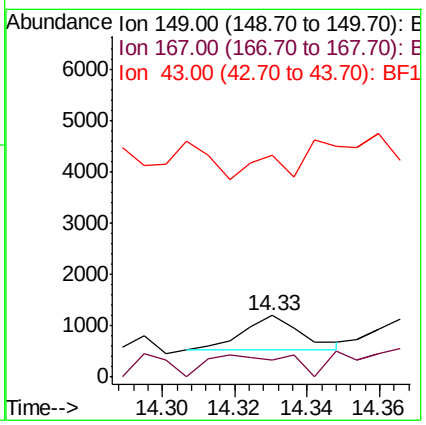


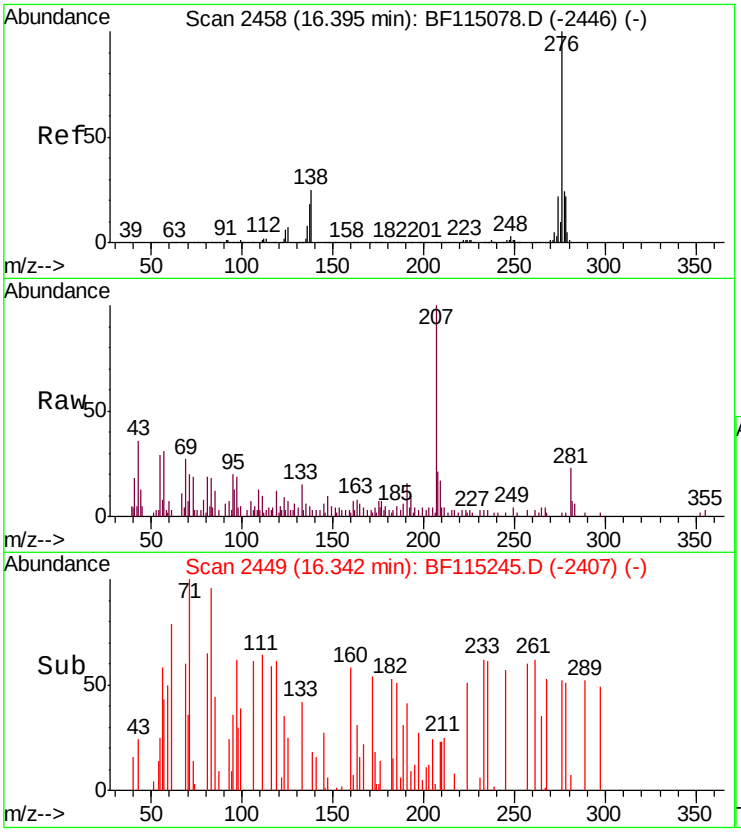


#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 14.33 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:149 Resp: 729

Ion	Ratio	Lower	Upper
149	100		
167	94.1	1.2	1.8#
43	0.0	7.0	10.6#



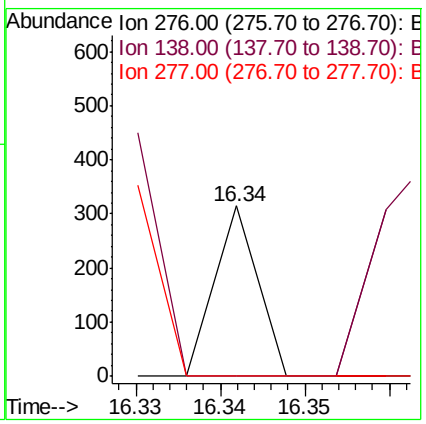


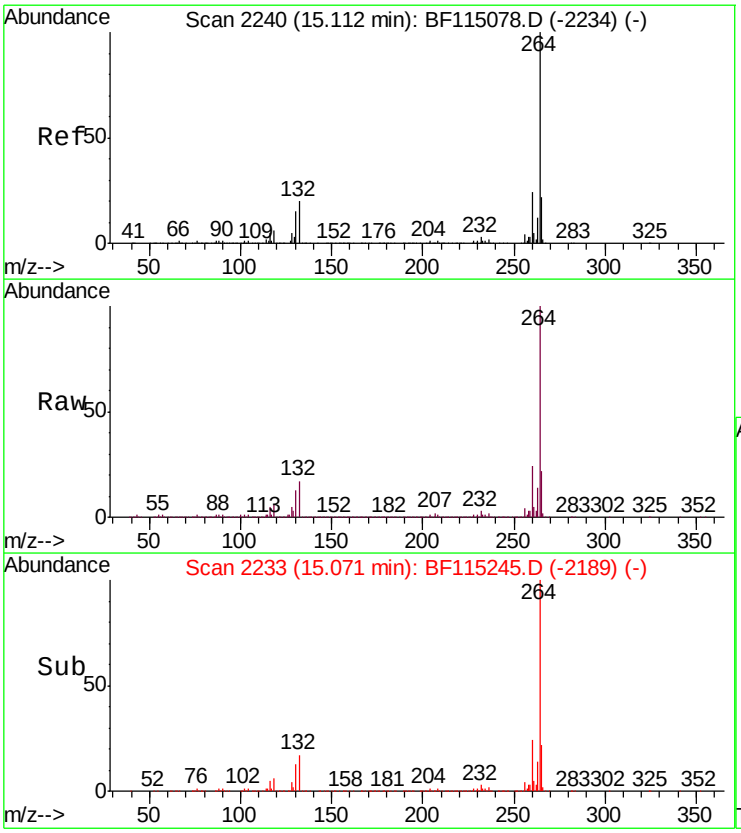
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 16.34 min Scan# 2449
Delta R.T. -0.05 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:276 Resp: 111

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.2	34.8#
277	0.0	20.1	30.1#

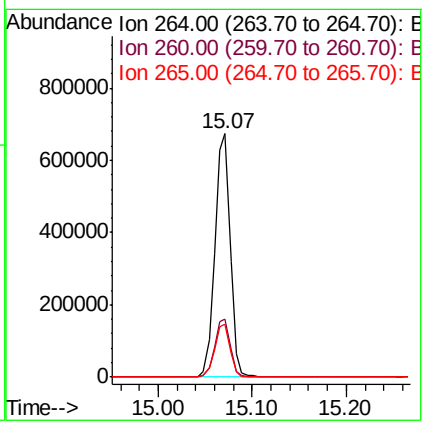


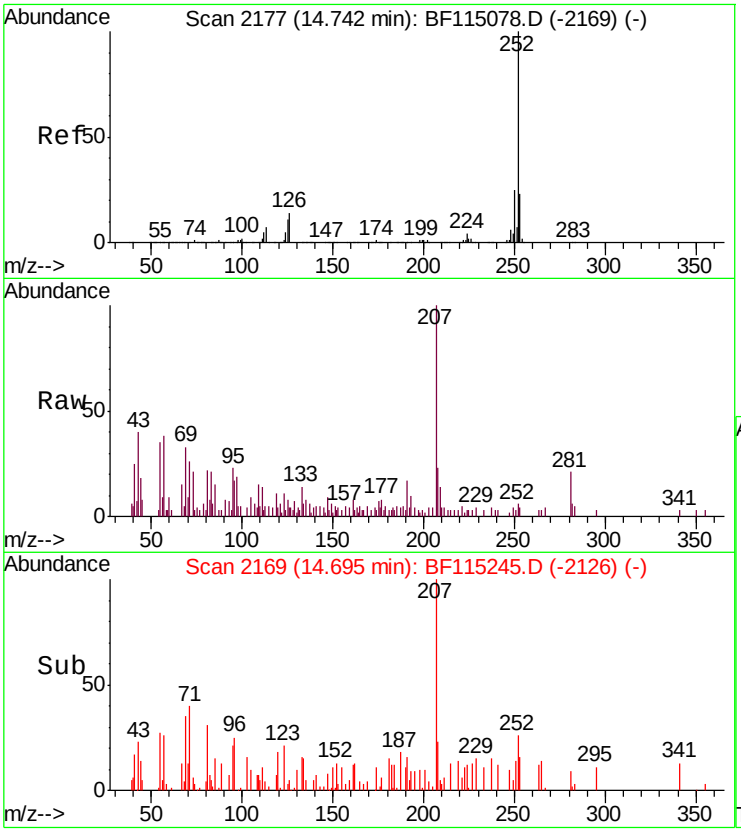


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:264 Resp: 772235

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.9	17.3	25.9



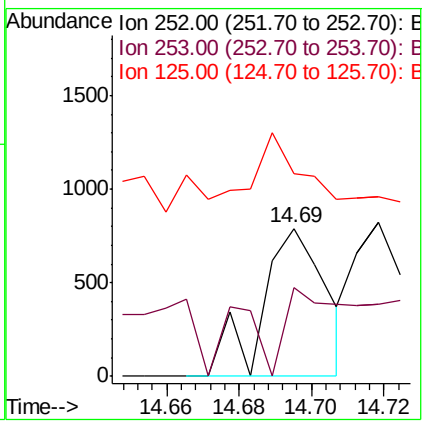


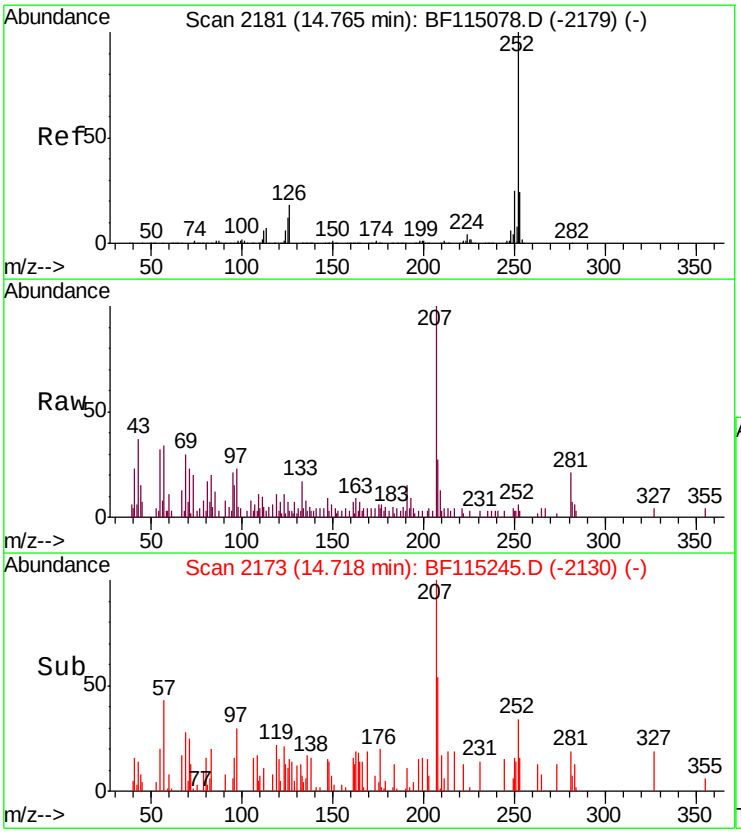
#88
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 14.69 min Scan# 2169
Delta R.T. -0.05 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:252 Resp: 960

Ion	Ratio	Lower	Upper
252	100		
253	59.8	18.1	27.1#
125	137.5	8.7	13.1#

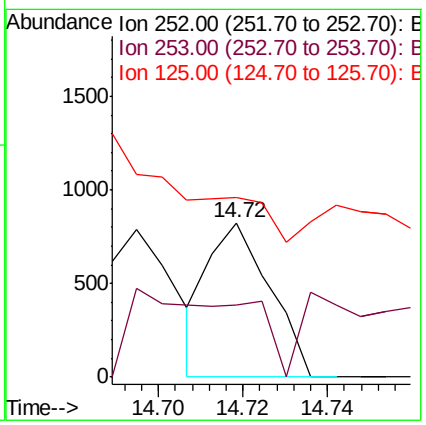


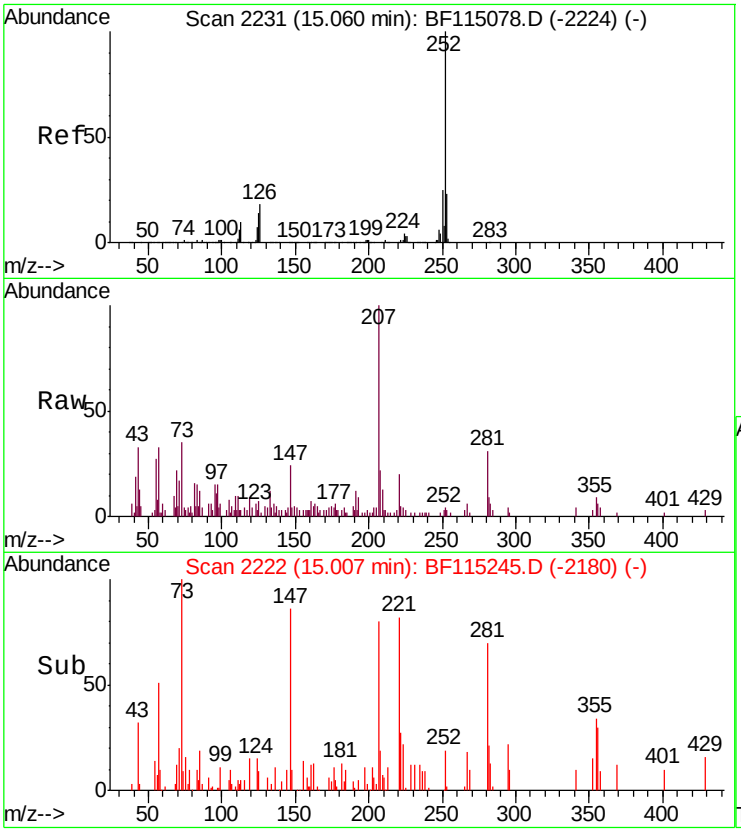


#89
Benzo(k)fluoranthene
Concen: 0.019 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:252 Resp: 836

Ion	Ratio	Lower	Upper
252	100		
253	47.0	18.9	28.3#
125	116.6	10.2	15.2#



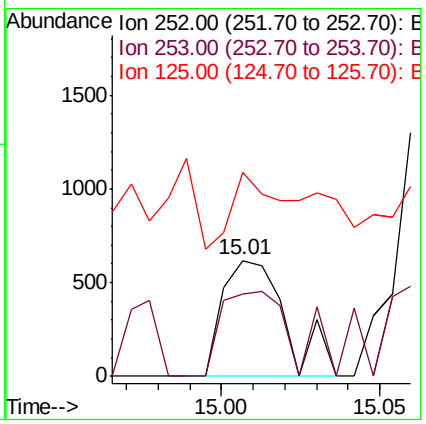


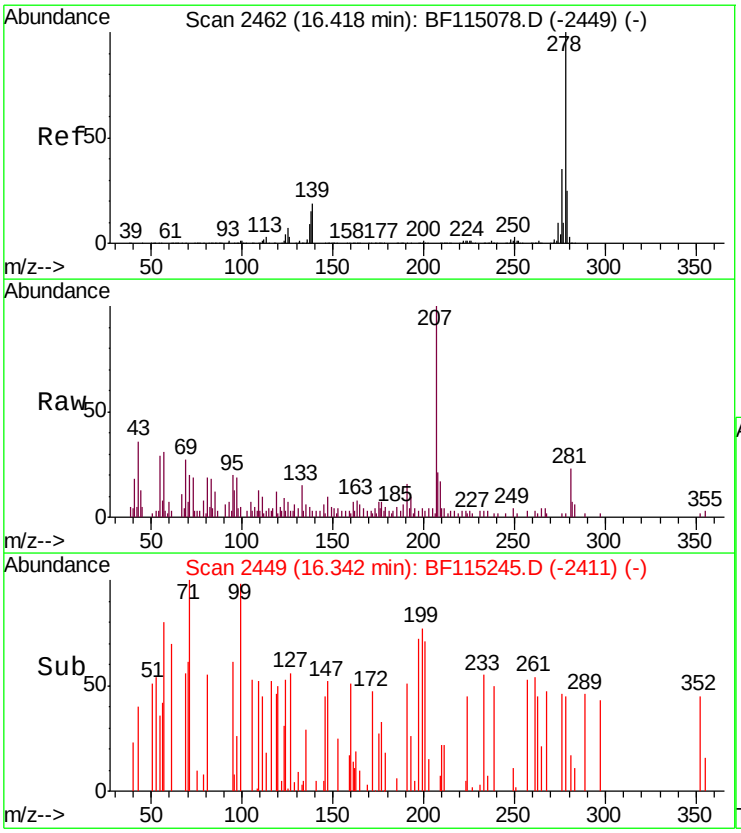
#90
Benzo(a)pyrene
Concen: 0.019 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.05 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:252 Resp: 844

Ion	Ratio	Lower	Upper
252	100		
253	70.6	18.3	27.5#
125	175.8	10.9	16.3#

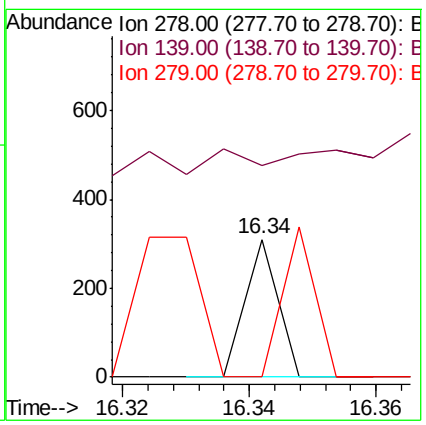


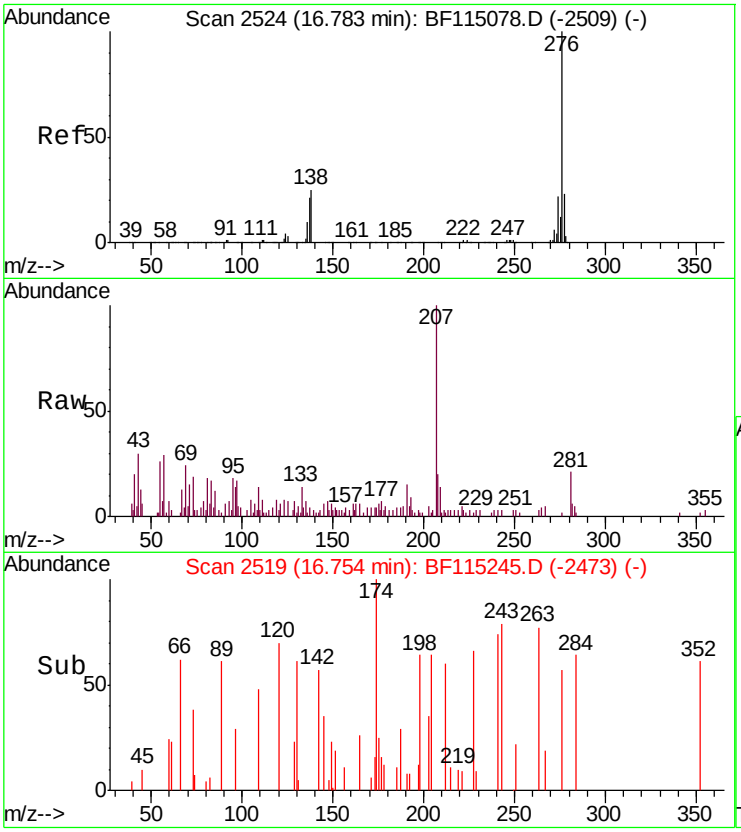


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 16.34 min Scan# 2449
Delta R.T. -0.08 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Tgt Ion:278 Resp: 109

Ion	Ratio	Lower	Upper
278	100		
139	153.5	15.4	23.2#
279	0.0	19.9	29.9#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF115245.D
Acq: 27 Jun 2019 20:29

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-A

Tgt Ion:276 Resp: 106

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	19.8	29.6#