Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\

Quantitation Report (Not Reviewed)

Data File : BF115331.D
Acq On : 1 Jul 2019 11:31
Operator : HP/JU
Sample : PB121019BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121019BL

Quant Time: Jul 02 08:15:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	251519	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	962827	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	466173	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	923136	20.00	ng		0.01
76) Chrysene-d12	13.72	240	752850	20.00	ng		0.00
87) Perylene-d12	15.10	264	806889	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1634949	100.31	ng		0.02
7) Phenol-d6	6.25	99	2032820	102.76	ng		0.01
23) Nitrobenzene-d5	7.17	82	1241569	79.32	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	560888	114.10	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	2274130	82.86	ng		0.00
79) Terphenyl-d14	12.70	244	2528874	71.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	131	0.017	ng	#	24
3) Pyridine	3.17	79	112	0.005	ng	#	26
6) Aniline	6.37	93	2121	0.078	ng	#	1
8) 2-Chlorophenol	6.38	128	493	0.027	ng	#	1
9) Benzaldehyde	6.25	77	2995	0.232	ng	#	1
10) Phenol	6.25	94	130	0.006	ng	#	1
11) bis(2-Chloroethyl)ether	6.37	93	2121	0.124	ng	#	1
15) Benzyl Alcohol	6.76	79	20366	1.414	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	7.16	45	141	0.006	ng	#	1
19) n-Nitroso-di-n-propylamine	7.17	70	164747	13.008	ng	#	76
22) Acetophenone	6.76	105	393	0.018	ng	#	1
24) Nitrobenzene	7.17	77	3653	0.212	ng	#	35
25) Isophorone	7.17	82	1227013	38.268	ng	#	63
38) 1-Methylnaphthalene	8.96	142	937	0.031	ng	#	65
46) 1,1'-Biphenyl	9.06	154	4440	0.119	ng		98
48) 2-Nitroaniline	8.97	65	3443	0.390	ng	#	1
50) Dimethylphthalate	9.63	163	129783	3.784	ng	#	1
51) 2,6-Dinitrotoluene	9.63	165	59008	7.452	ng	#	28
52) Acenaphthene	9.63	154	1711	0.058	ng	#	5
57) 2,4-Dinitrotoluene	9.63	165	59008	5.771	ng	#	30
58) Fluorene	10.41	166	25741	Below Cal		#	85
63) Azobenzene	10.41	77	2546	0.079	ng	#	13
65) 4,6-Dinitro-2-methylphenol	10.42	198	1215	5.182	ng	#	1
66) n-Nitrosodiphenylamine	10.41	169	15994	0.556	ng	#	43
67) 4-Bromophenyl-phenylether	10.42	248	35843	3.581	ng	#	1
71) Phenanthrene	11.11	178	666	0.013	ng	#	1
72) Anthracene	11.11	178	666	0.013	ng	#	1
74) Di-n-butylphthalate	11.68	149	767	0.015	ng	#	77
75) Fluoranthene	12.31	202	460	0.009	ng		61
77) Benzidine	12.44	184	994	0.030	ng	#	66
78) Pyrene	12.54	202	587	0.010	ng	#	56
80) Butylbenzylphthalate	13.18	149	126	0.005	ng	#	24
81) Benzo(a)anthracene	13.72	228	3290	0.061	ng	#	72
82) 3,3'-Dichlorobenzidine	13.69	252	126	0.006	ng	#	26

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\

Quantitation Report (Not Reviewed)

Data File : BF115331.D
Acq On : 1 Jul 2019 11:31
Operator : HP/JU
Sample : PB121019BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121019BL

Quant Time: Jul 02 08:15:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Chrysene	13.72	228	3290	0.066	ng	#	69
84) Bis(2-ethylhexyl)phthalate	13.74	149	612	0.018	ng	#	57
85) Di-n-octyl phthalate	14.35	149	535	0.010	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.35	276	544	0.009	ng	#	65
88) Benzo(b)fluoranthene	14.73	252	1646	0.033	ng	#	1
89) Benzo(k)fluoranthene	14.73	252	1646	0.036	ng	#	1
90) Benzo(a)pyrene	15.04	252	539	0.012	ng	#	1
91) Dibenzo(a,h)anthracene	16.39	278	476	0.011	ng	#	1
92) Benzo(g,h,i)perylene	16.70	276	418	0.010	ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\

Quantitation Report (Not Reviewed)

Data File : BF115331.D
Acq On : 1 Jul 2019 11:31
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Sample : PB121019BL
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Instrument :
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Quant Time: Jul 02 08:15:33 2019
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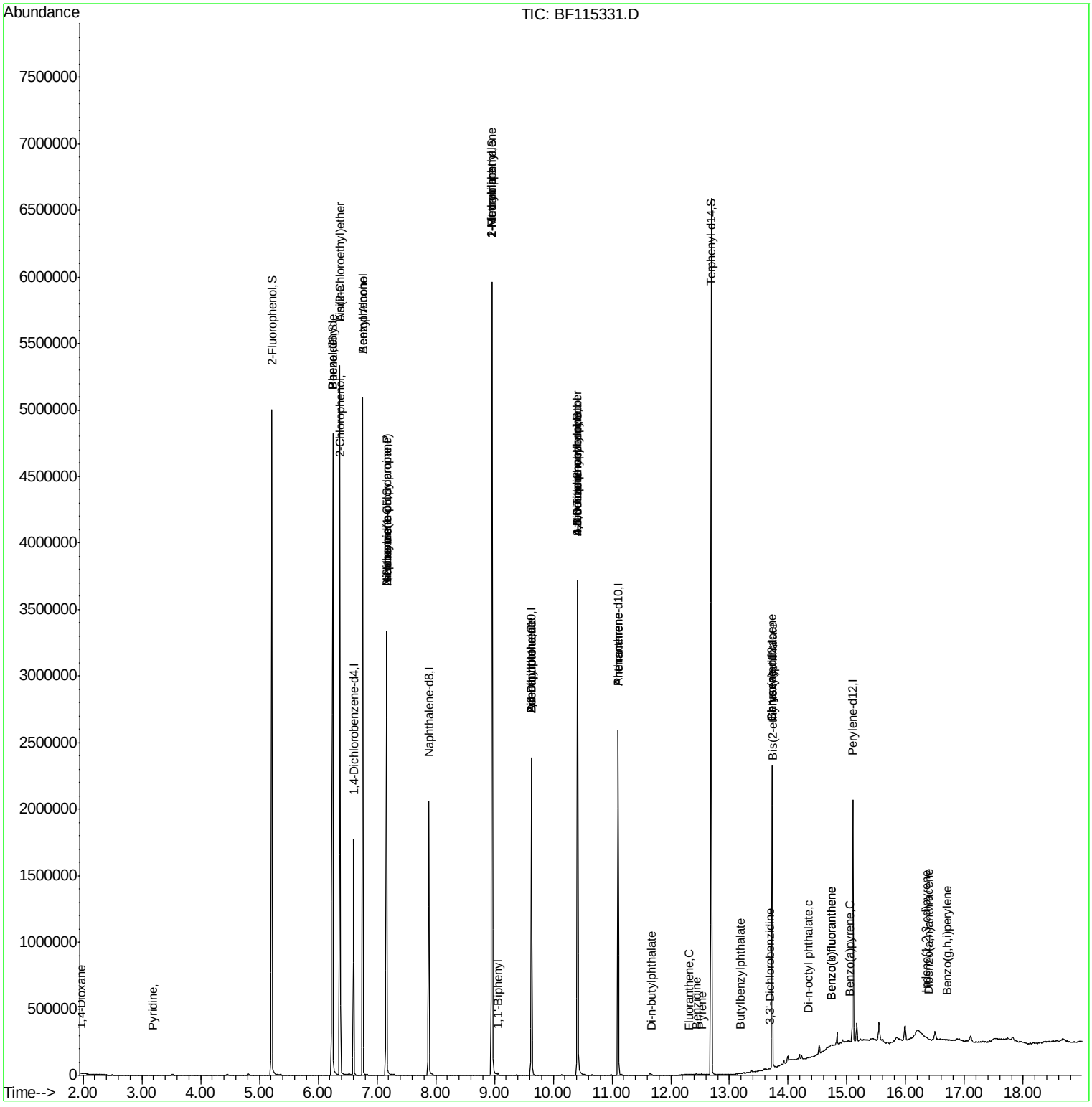
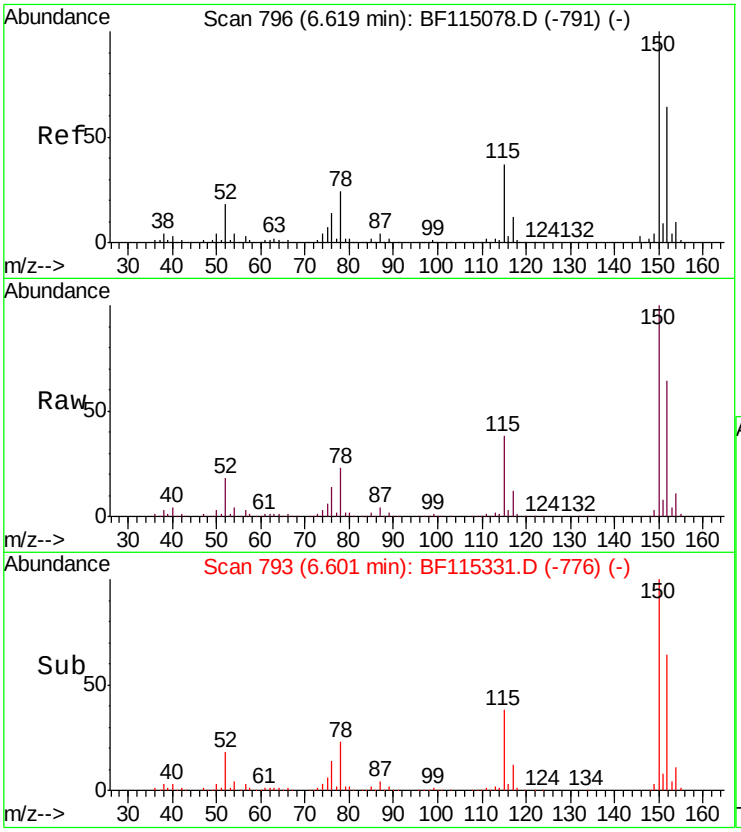
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



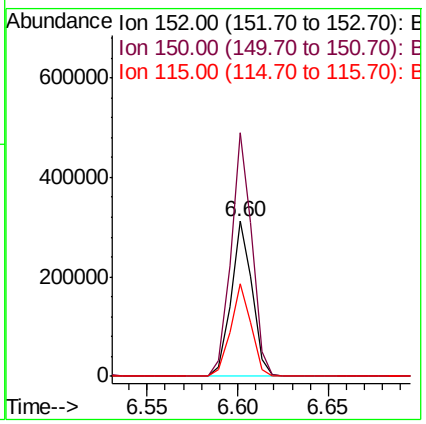


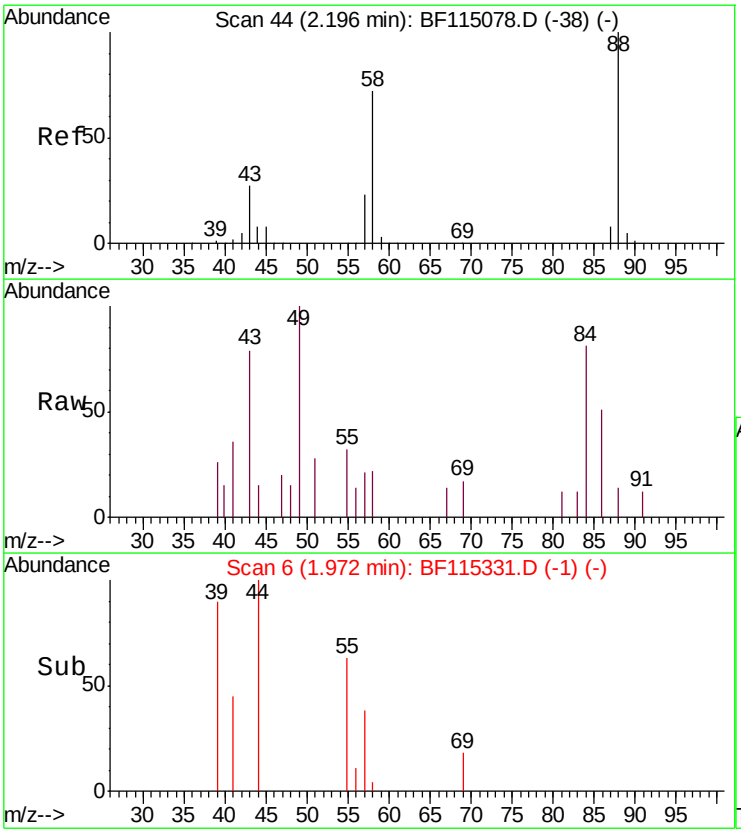
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:152 Resp: 251519

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	59.6	46.1	69.1

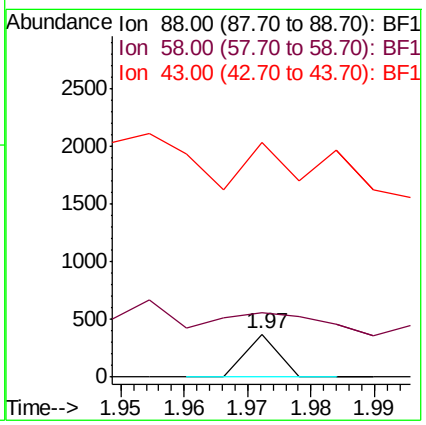


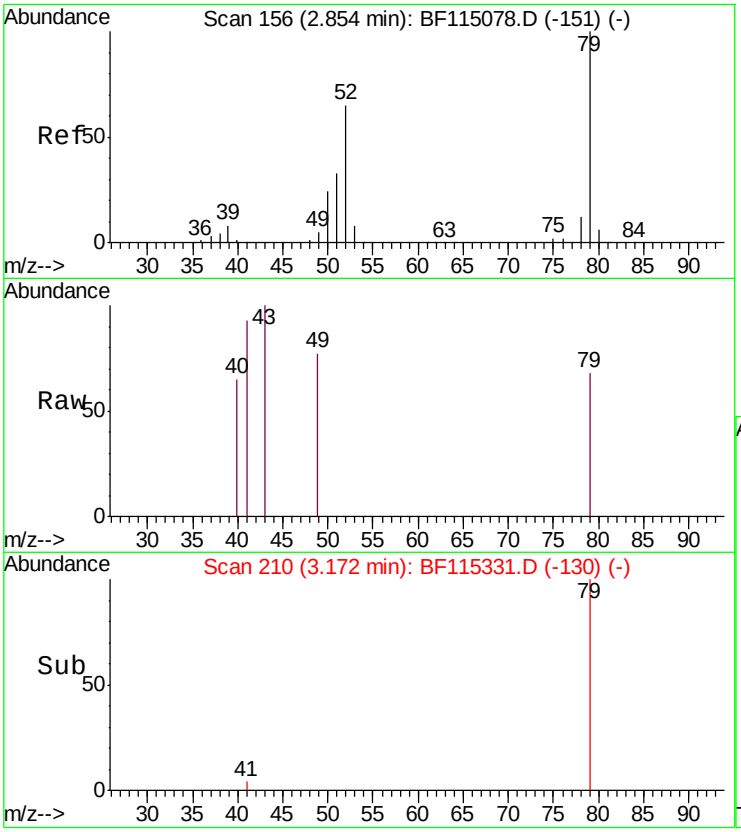


#2
1,4-Dioxane
Concen: 0.017 ng
RT: 1.97 min Scan# 6
Delta R.T. -0.18 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 88 Resp: 131

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



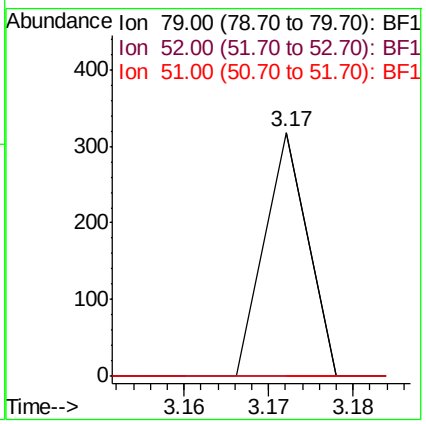


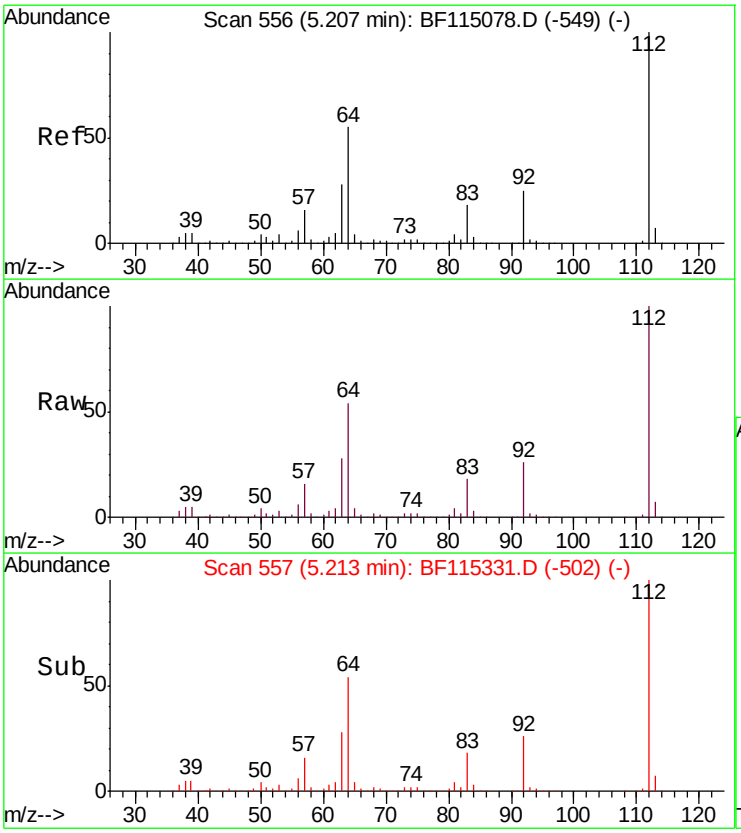
#3
Pyridine
Concen: 0.005 ng
RT: 3.17 min Scan# 210
Delta R.T. 0.37 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 79 Resp: 112

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

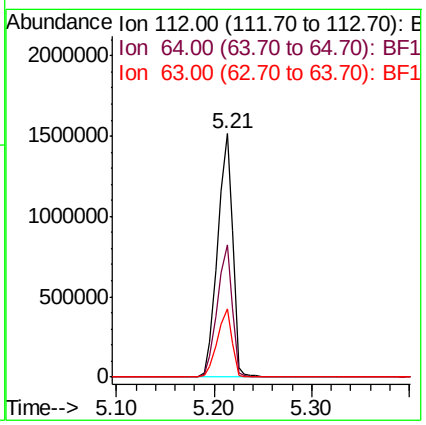


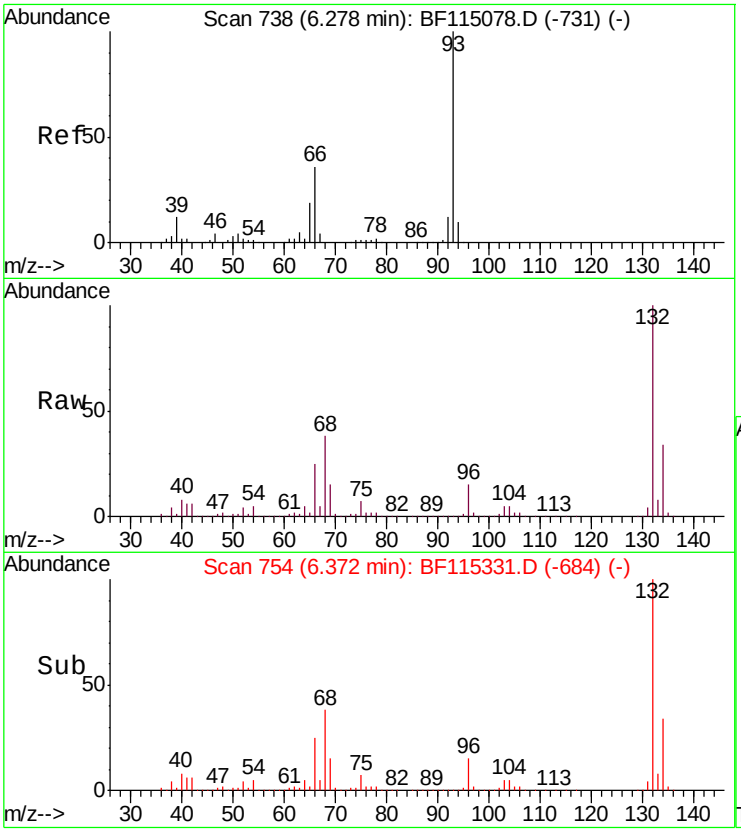


#5
2-Fluorophenol
Concen: 100.311 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:112 Resp: 1634949

Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.8	65.6
63	28.3	22.2	33.4



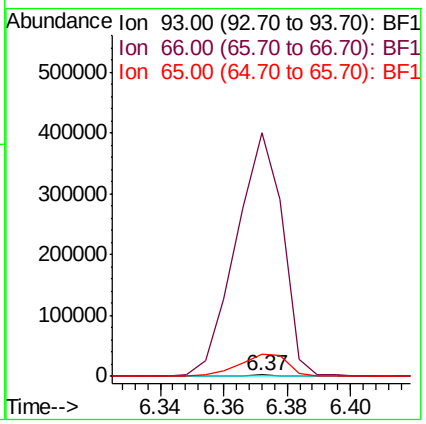


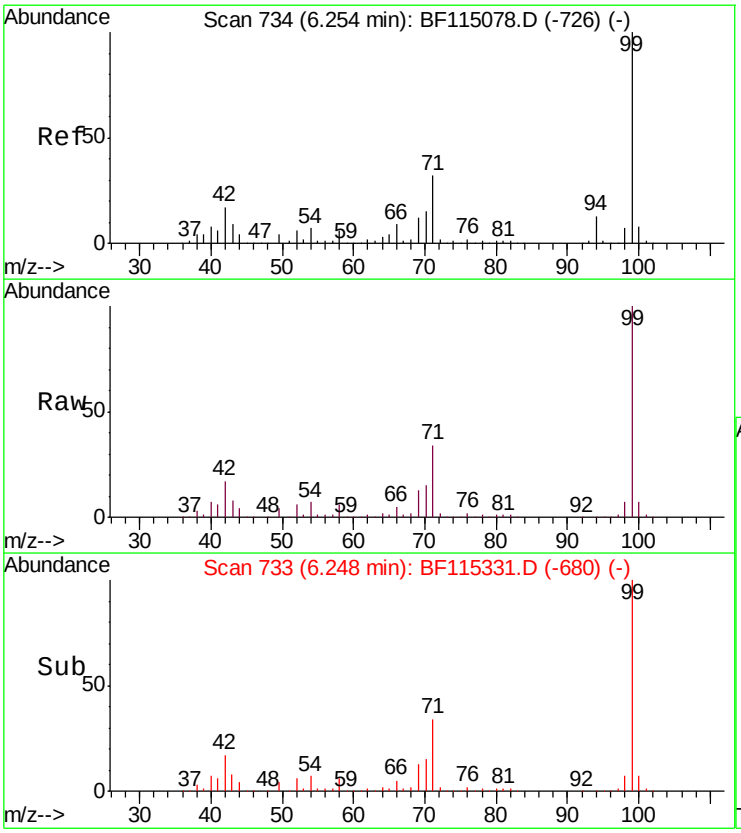
#6
Aniline
Concen: 0.078 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.11 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 93 Resp: 2121

Ion	Ratio	Lower	Upper
93	100		
66	19410.9	30.0	45.0#
65	1755.4	15.6	23.4#

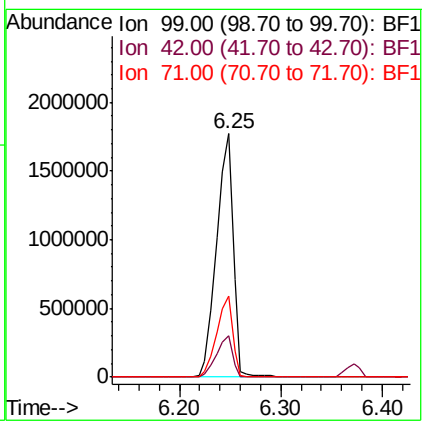


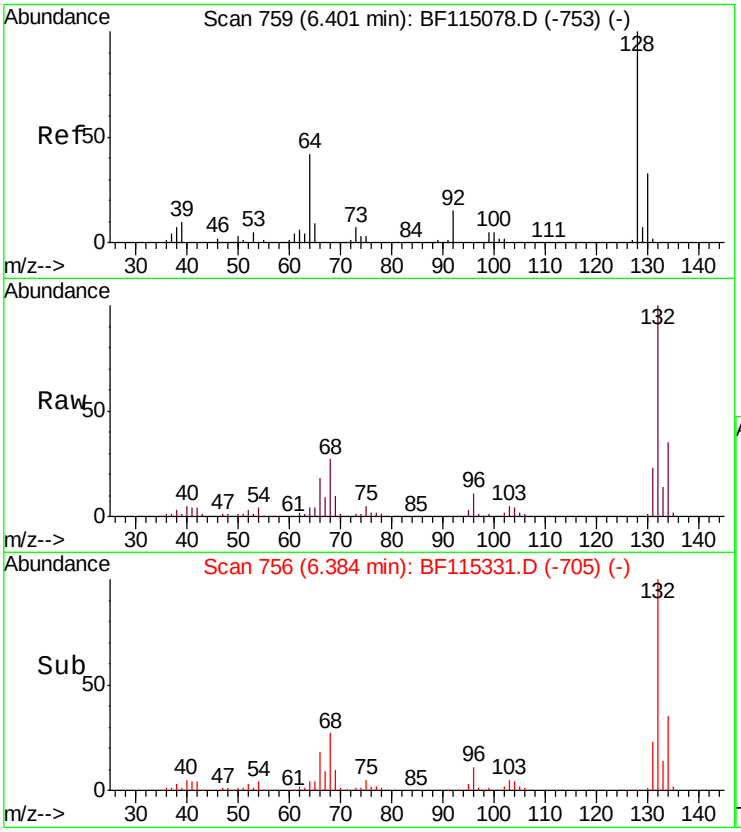


#7
Phenol-d6
Concen: 102.757 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 99 Resp: 2032820

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	33.5	25.5	38.3



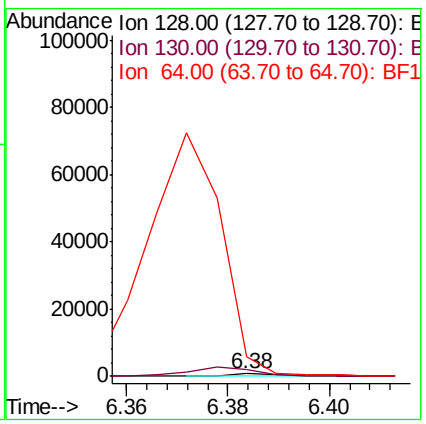


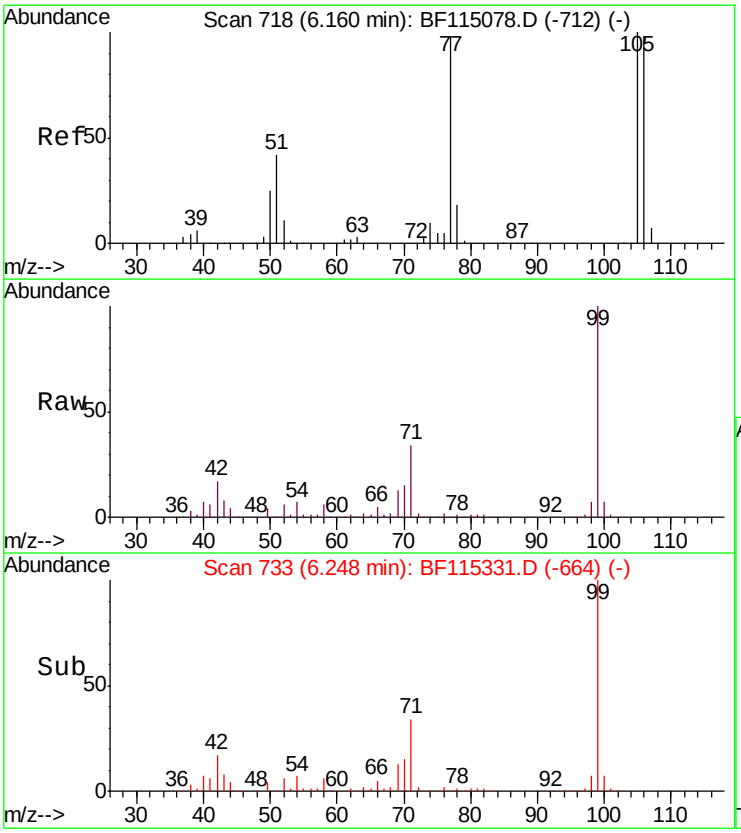
#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.38 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:128 Resp: 493

Ion	Ratio	Lower	Upper
128	100		
130	277.0	12.9	52.9#
64	828.4	22.9	62.9#

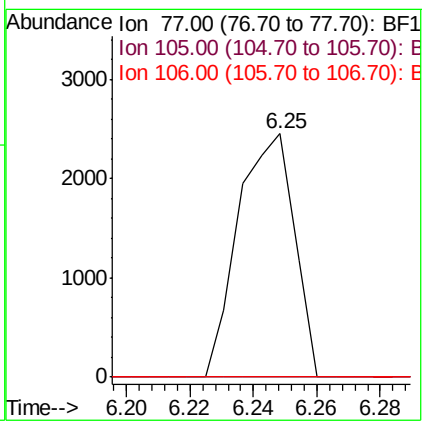


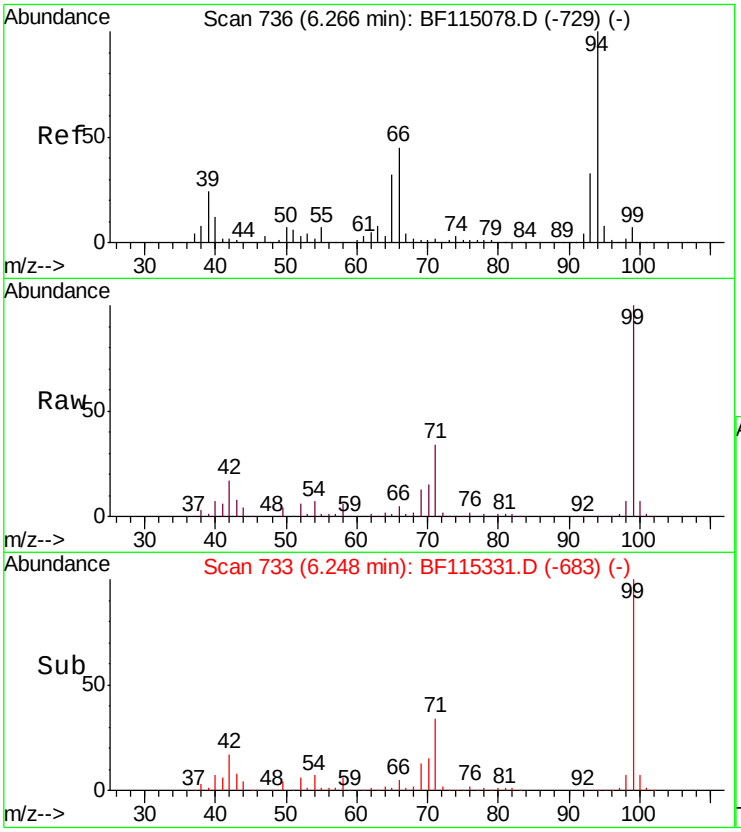


#9
Benzaldehyde
Concen: 0.232 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.11 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 77 Resp: 2995

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



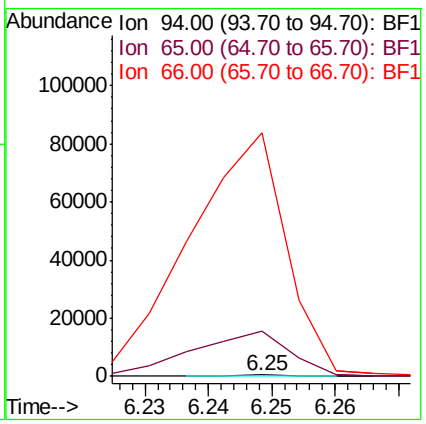


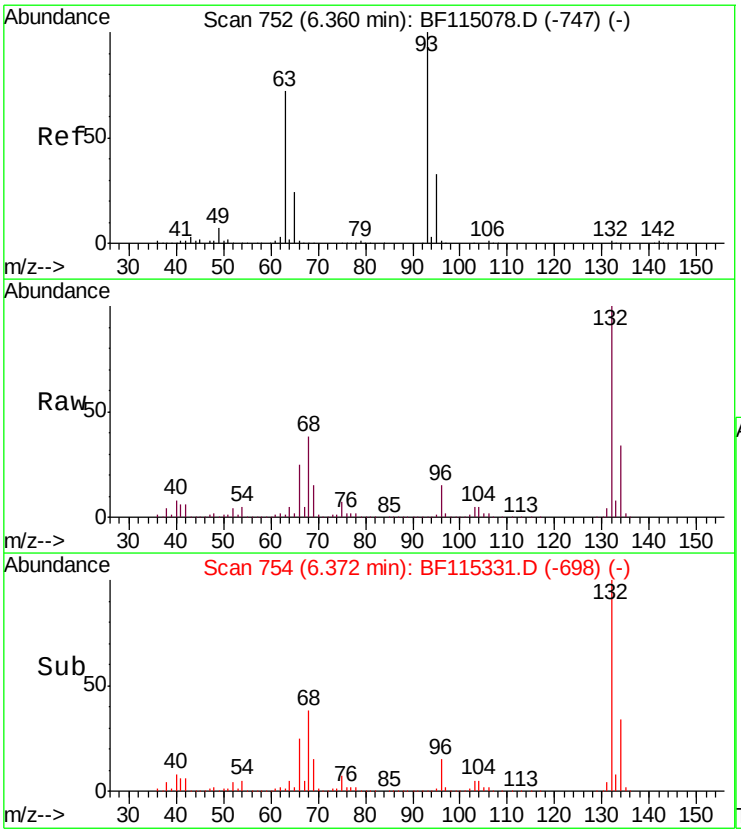
#10
Phenol
Concen: 0.006 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 94 Resp: 130

Ion	Ratio	Lower	Upper
94	100		
65	4191.3	11.9	51.9#
66	22825.1	25.2	65.2#

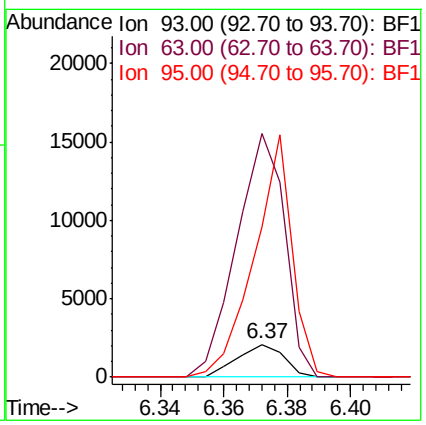


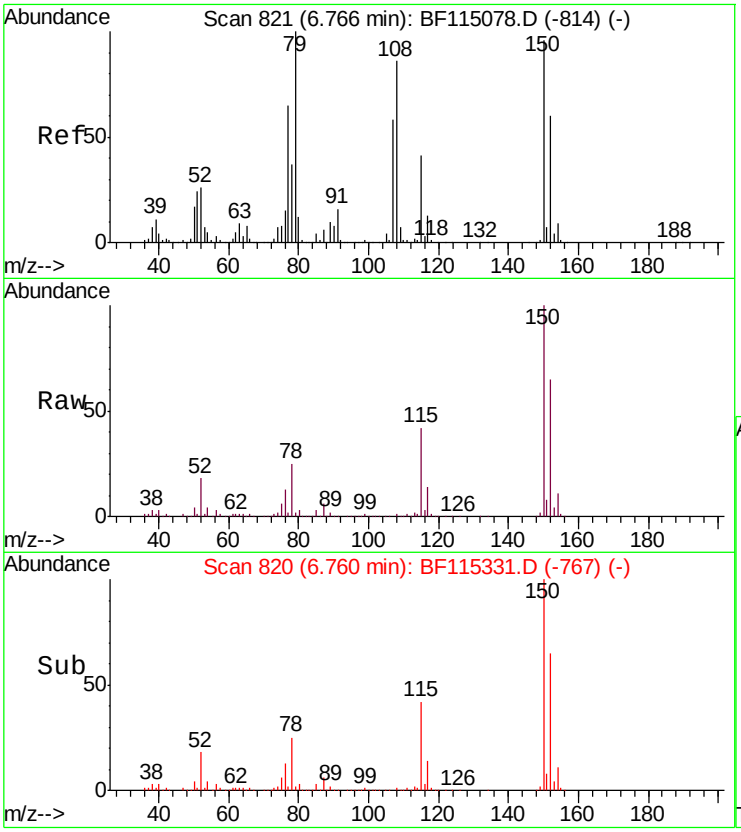


#11
bis(2-Chloroethyl)ether
Concen: 0.124 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 93 Resp: 2121

Ion	Ratio	Lower	Upper
93	100		
63	752.1	51.5	91.5#
95	463.3	13.4	53.4#



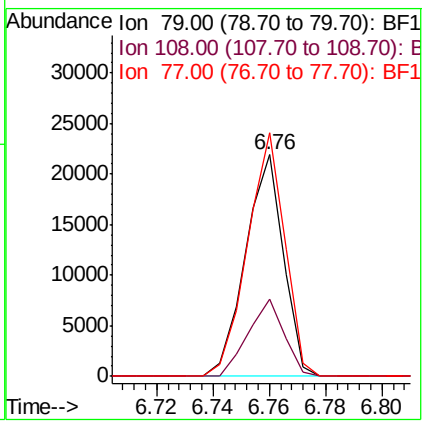


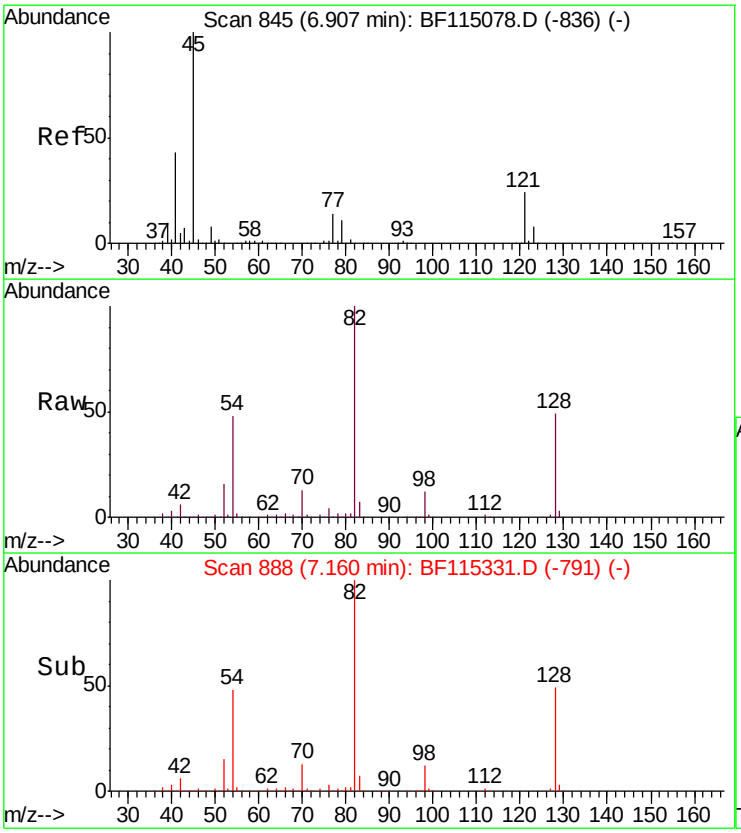
#15
Benzyl Alcohol
Concen: 1.414 ng
RT: 6.76 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 79 Resp: 20366

Ion	Ratio	Lower	Upper
79	100		
108	34.6	68.7	103.1#
77	109.8	51.7	77.5#

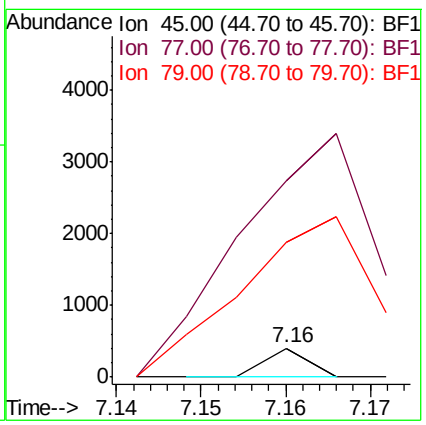


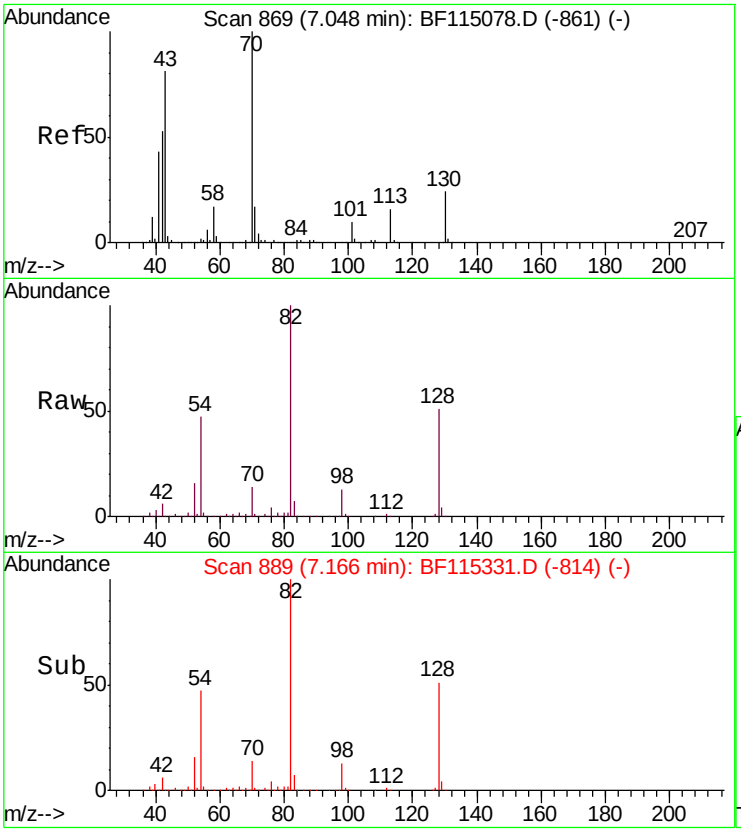


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.27 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 45 Resp: 141

Ion	Ratio	Lower	Upper
45	100		
77	683.0	0.0	34.6#
79	466.8	0.0	31.2#



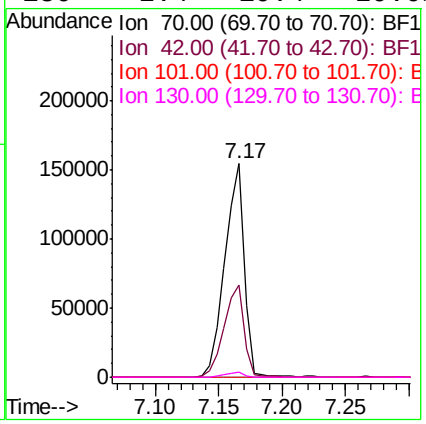


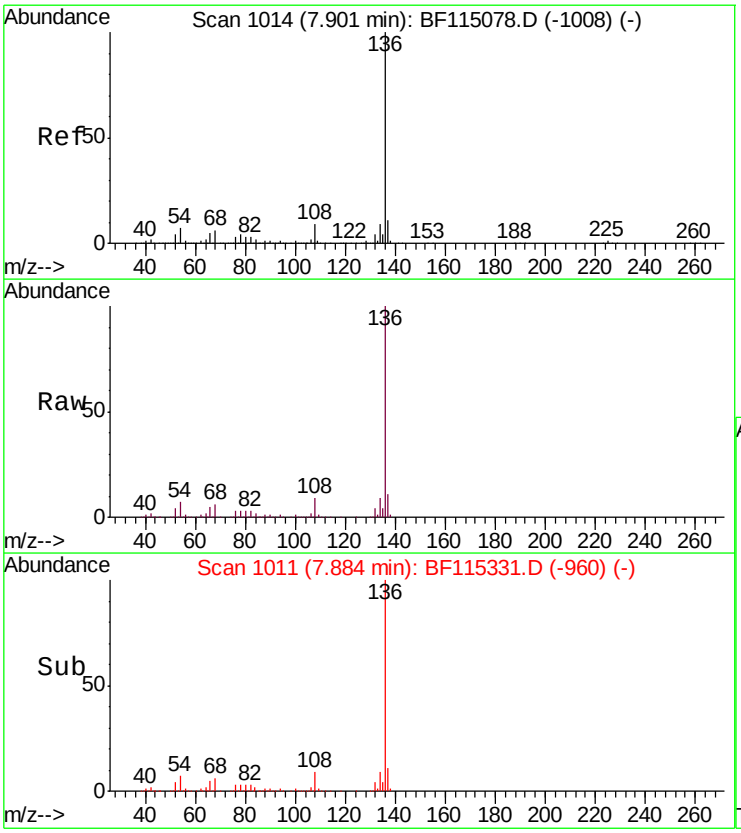
#19
n-Nitroso-di-n-propylamine
Concen: 13.008 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 70 Resp: 164747

Ion	Ratio	Lower	Upper
70	100		
42	43.1	42.6	63.8
101	0.0	8.0	12.0#
130	2.4	19.4	29.0#

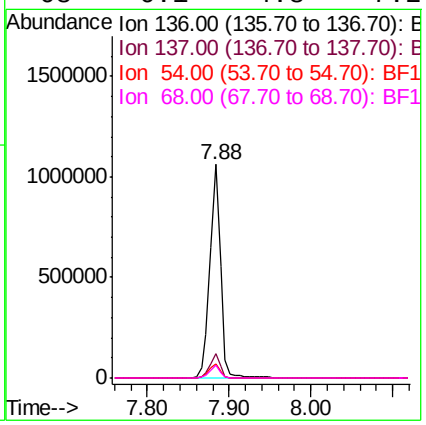


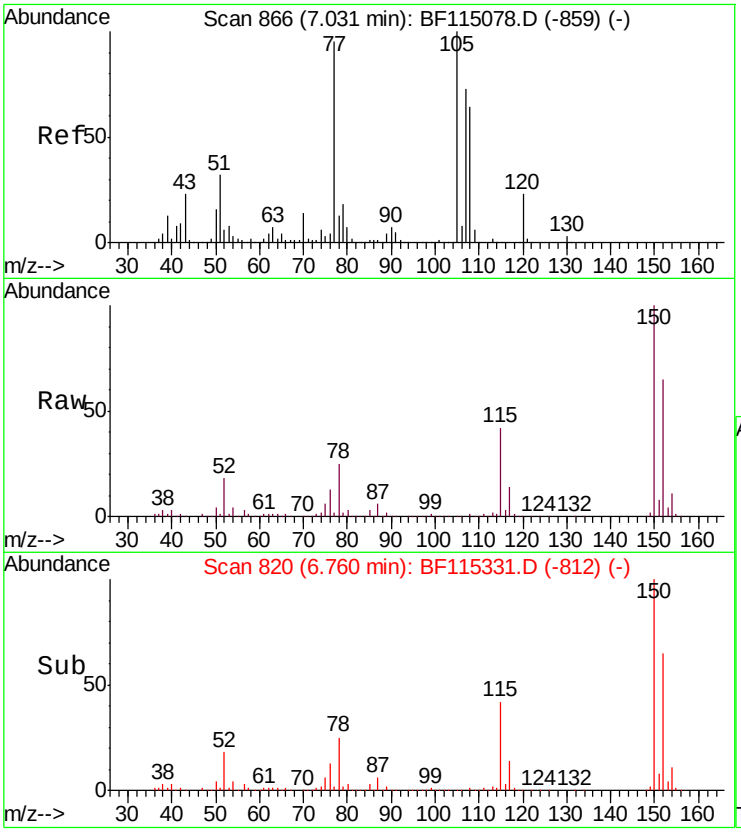


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:136 Resp: 962827

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.6	8.4
68	6.1	4.8	7.2



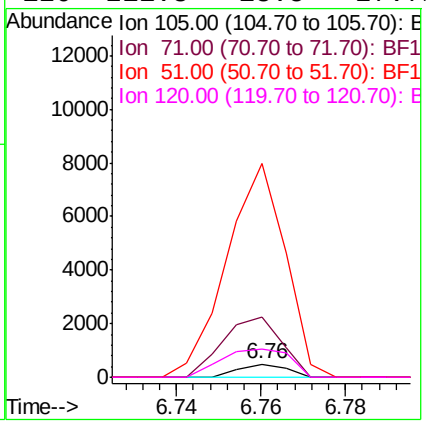


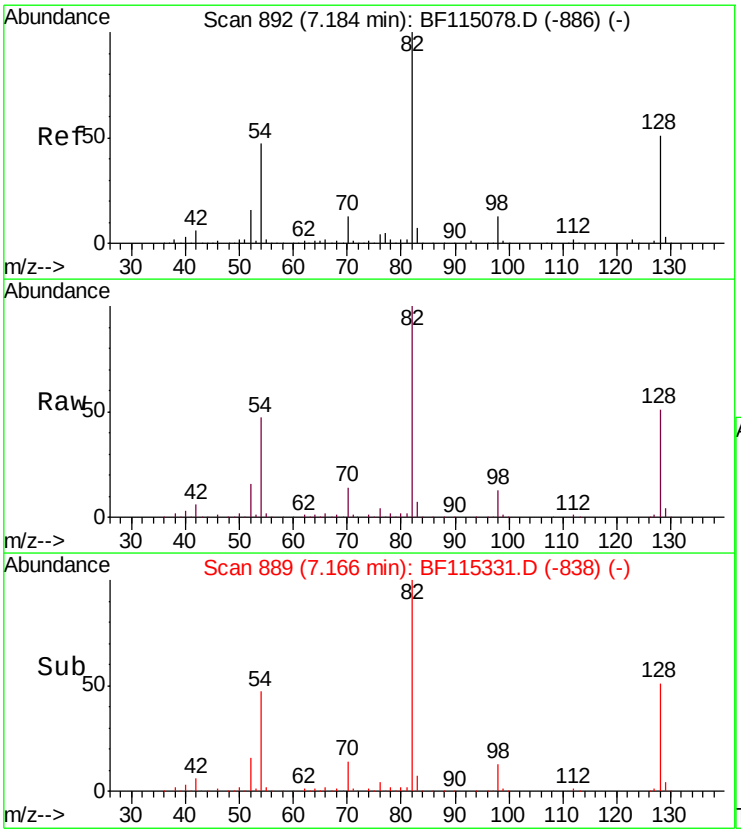
#22
Acetophenone
Concen: 0.018 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.25 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:105 Resp: 393

Ion	Ratio	Lower	Upper
105	100		
71	452.3	1.9	2.9#
51	1591.4	25.8	38.8#
120	211.8	18.5	27.7#

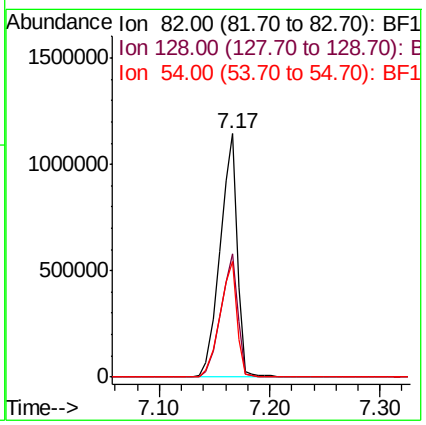


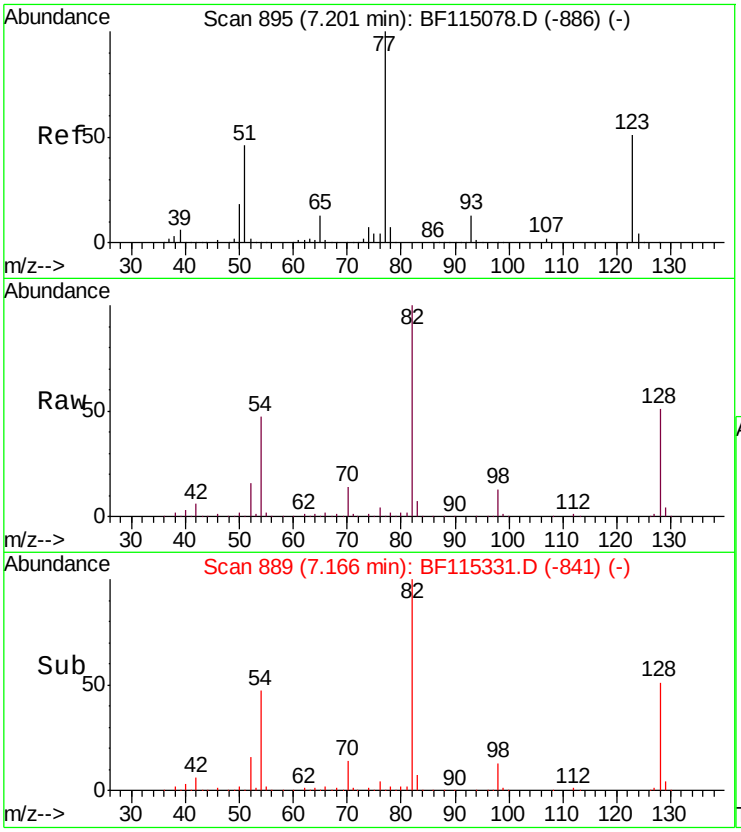


#23
Nitrobenzene-d5
Concen: 79.324 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 82 Resp: 1241569

Ion	Ratio	Lower	Upper
82	100		
128	50.9	40.4	60.6
54	47.4	37.5	56.3



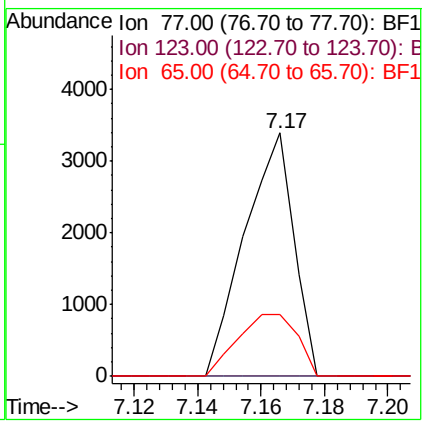


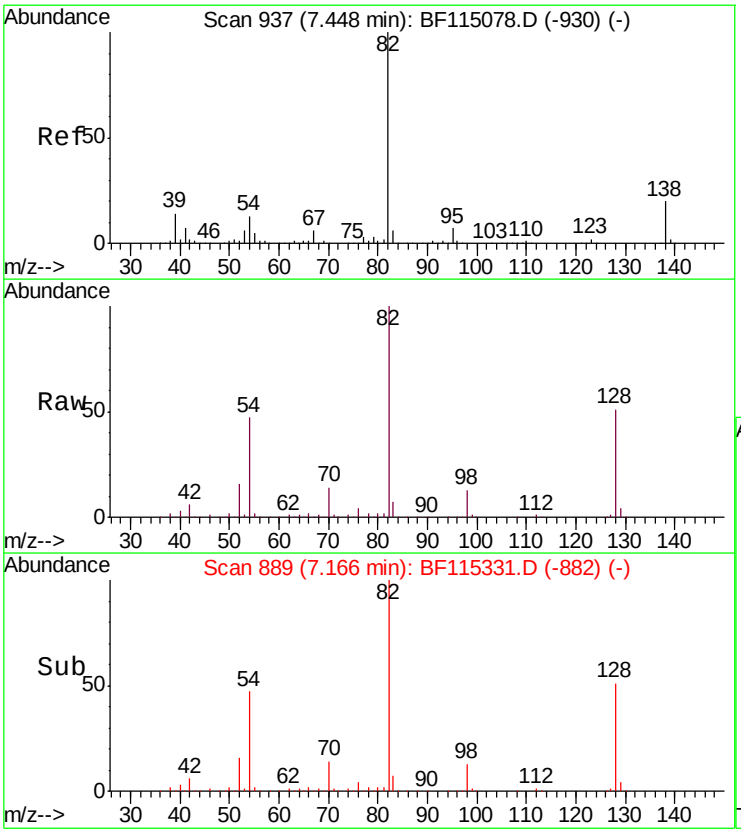
#24
Nitrobenzene
Concen: 0.212 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion: 77 Resp: 3653

Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.0	61.6#
65	25.6	10.5	15.7#

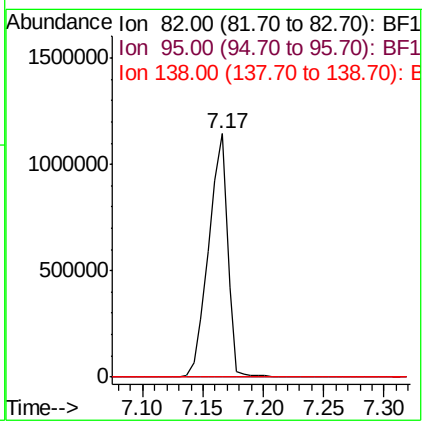


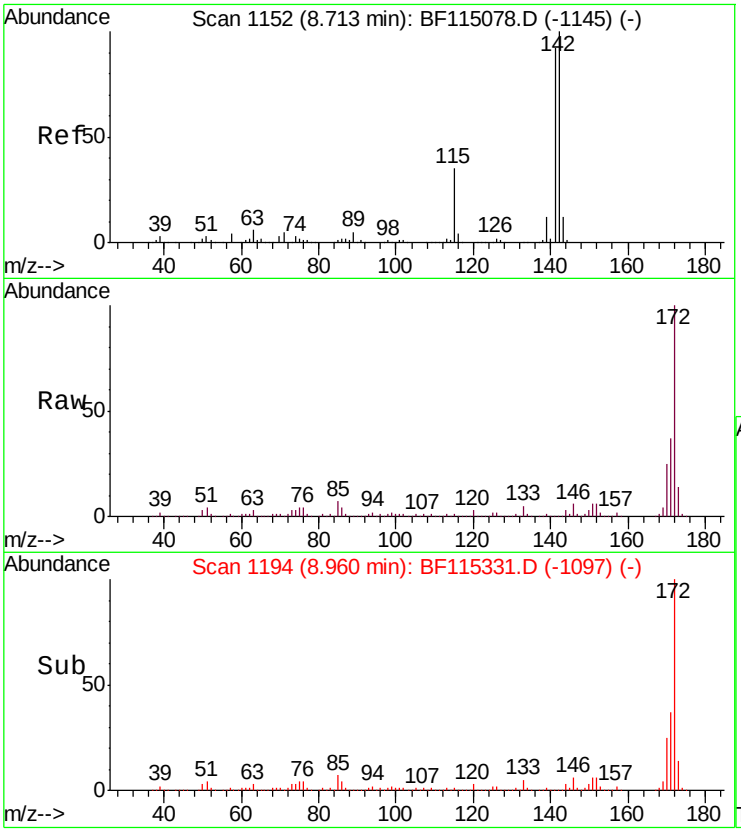


#25
Isophorone
Concen: 38.268 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 82 Resp: 1227013

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



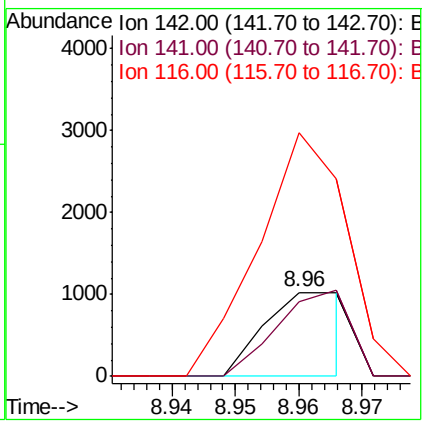


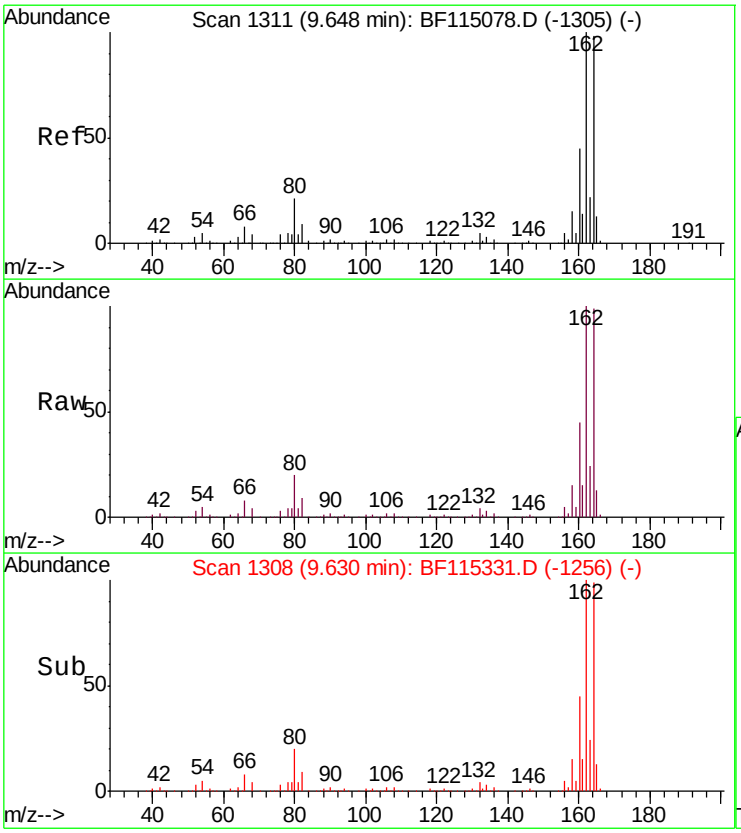
#38
1-Methylnaphthalene
Concen: 0.031 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.27 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:142 Resp: 937

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.8	110.8
116	289.5	2.8	4.2#

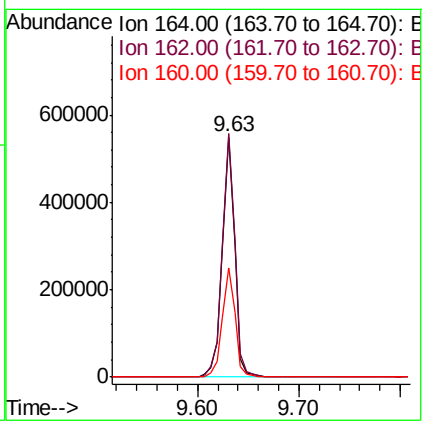


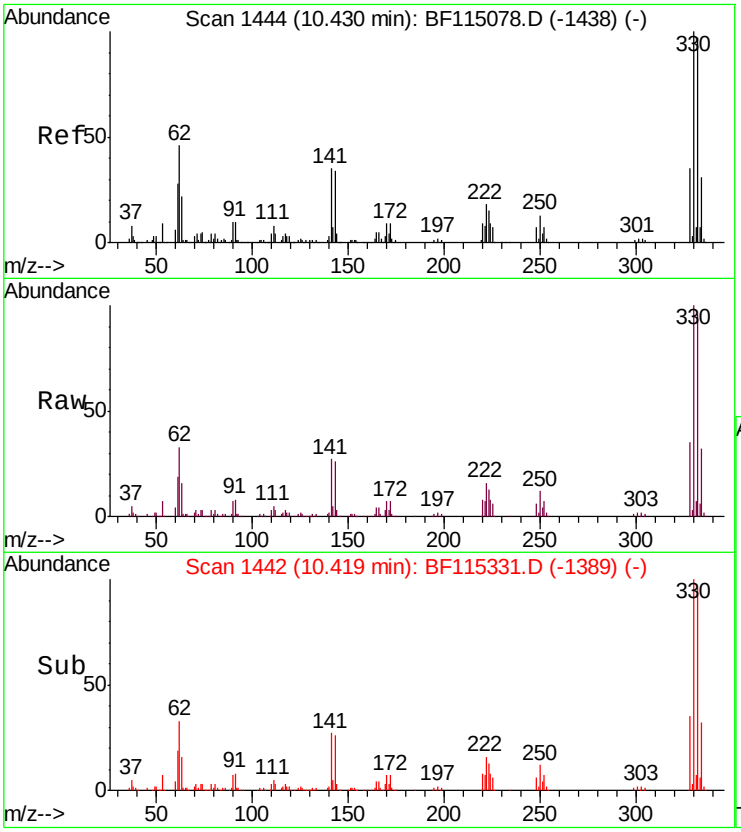


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:164 Resp: 466173

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.8	37.0	55.4



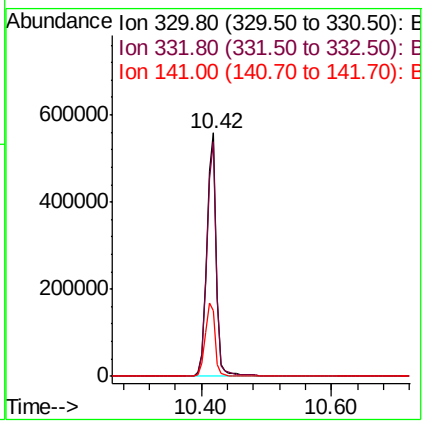


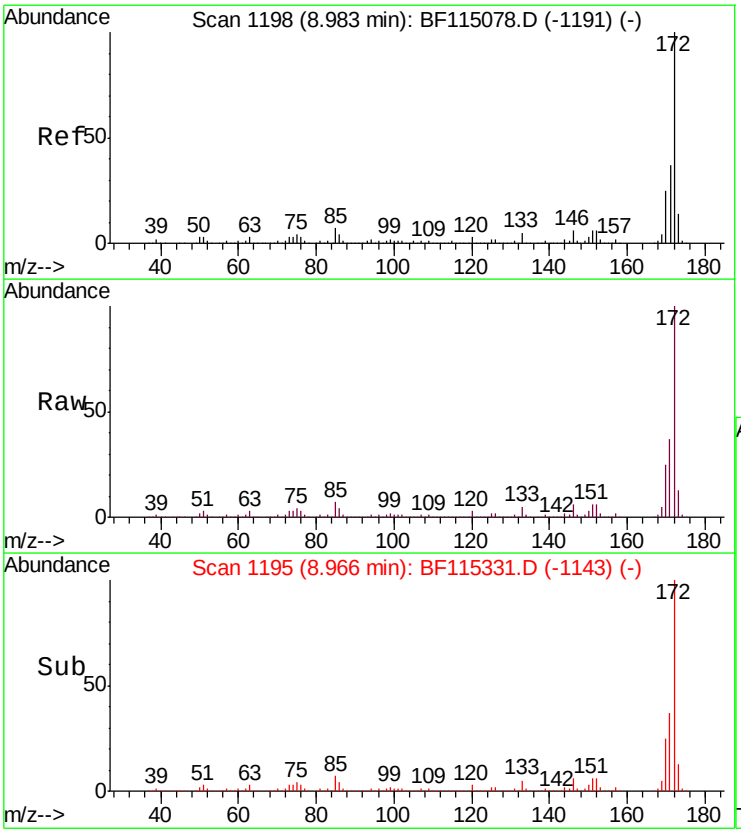
#42
2,4,6-Tribromophenol
Concen: 114.095 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:330 Resp: 560888

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.1	28.2	42.2

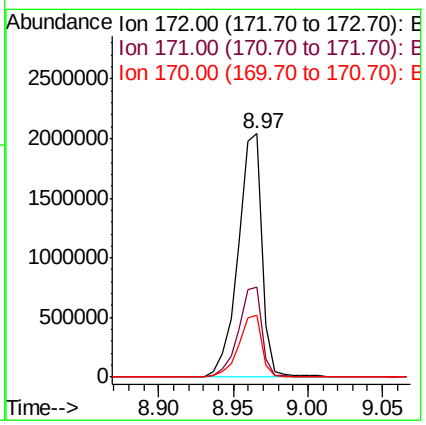


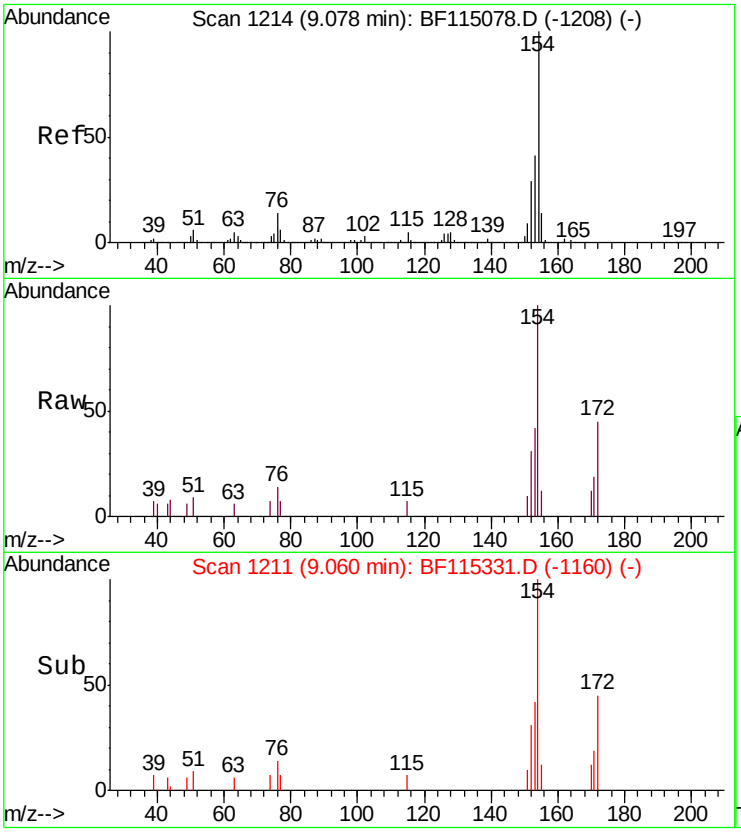


#45
2-Fluorobiphenyl
Concen: 82.864 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:172 Resp: 2274130

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.4	20.3	30.5



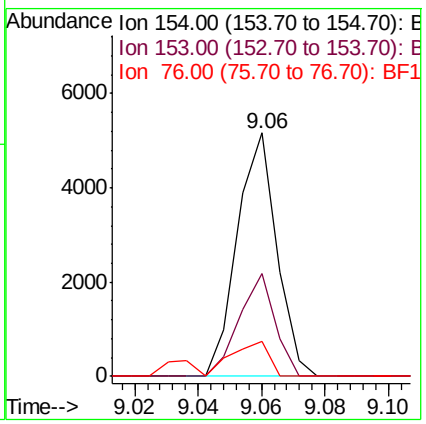


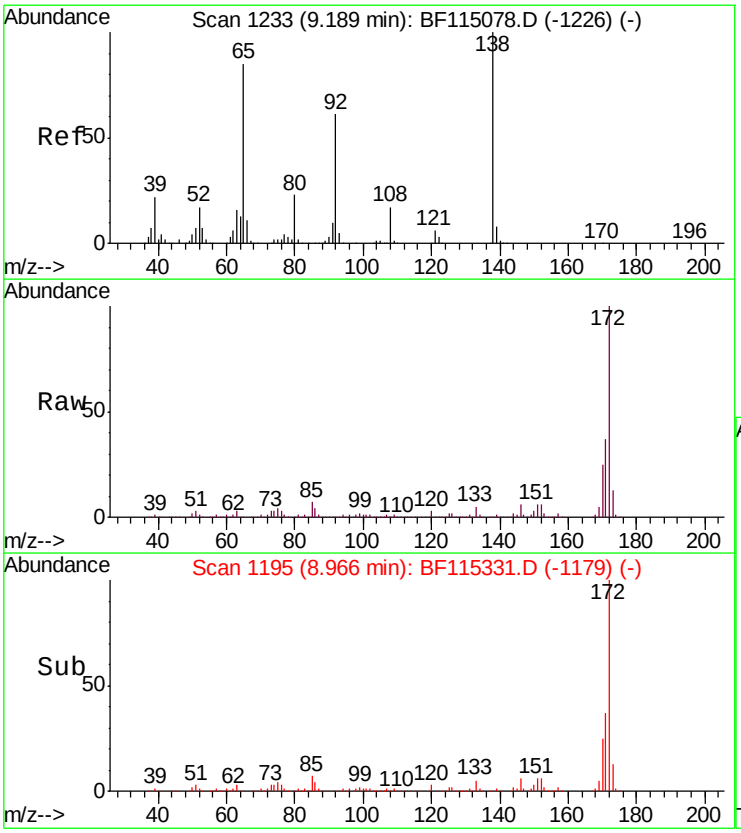
#46
1,1'-Biphenyl
Concen: 0.119 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:154 Resp: 4440

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	14.5	0.0	34.1

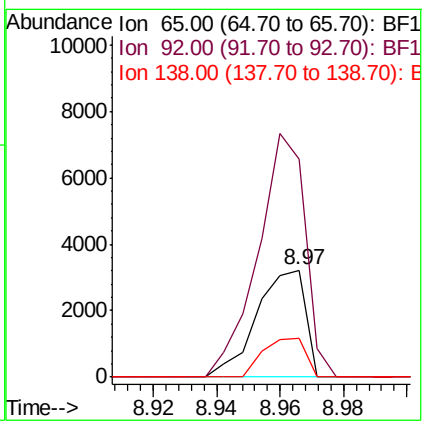


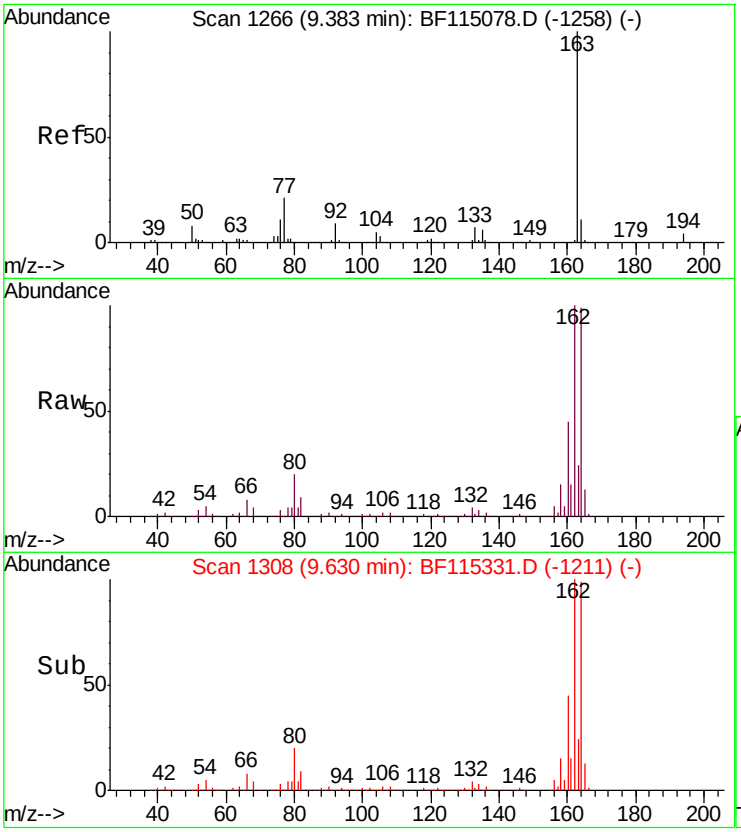


#48
2-Nitroaniline
Concen: 0.390 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.21 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 65 Resp: 3443

Ion	Ratio	Lower	Upper
65	100		
92	204.1	57.4	86.2#
138	36.5	94.1	141.1#



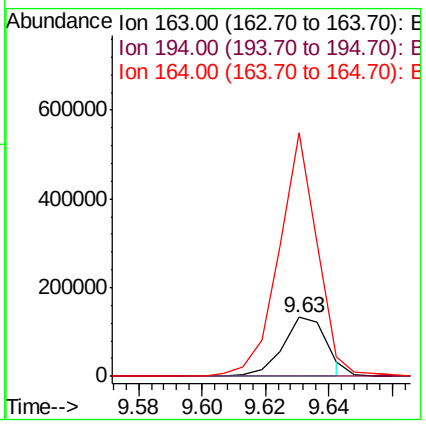


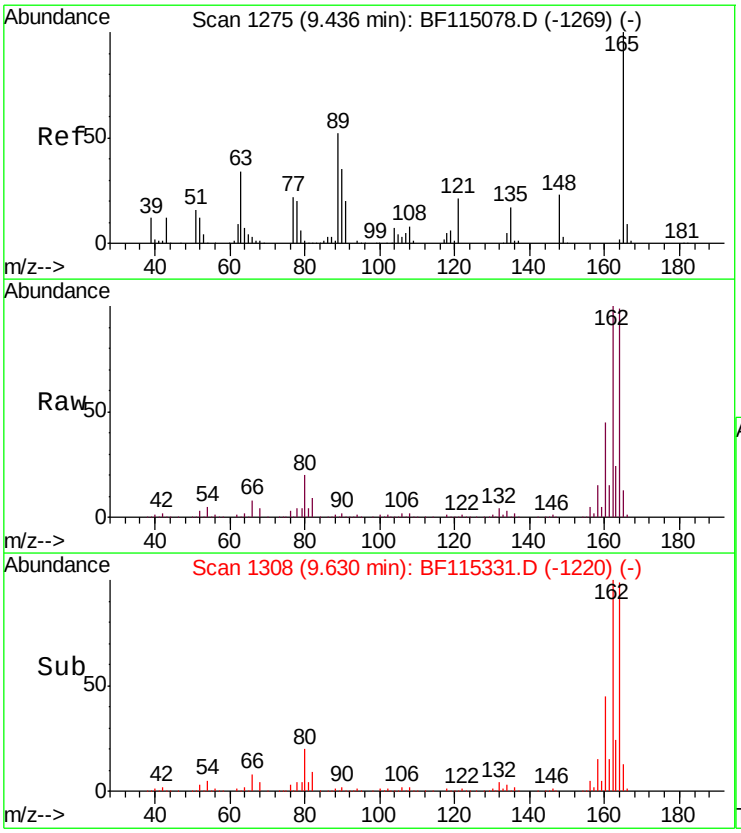
#50
Dimethylphthalate
Concen: 3.784 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.27 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:163 Resp: 129783

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	412.3	8.6	13.0#

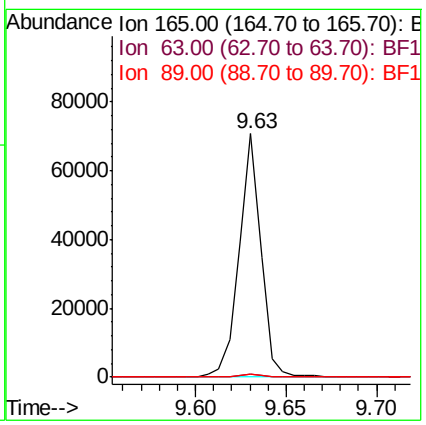


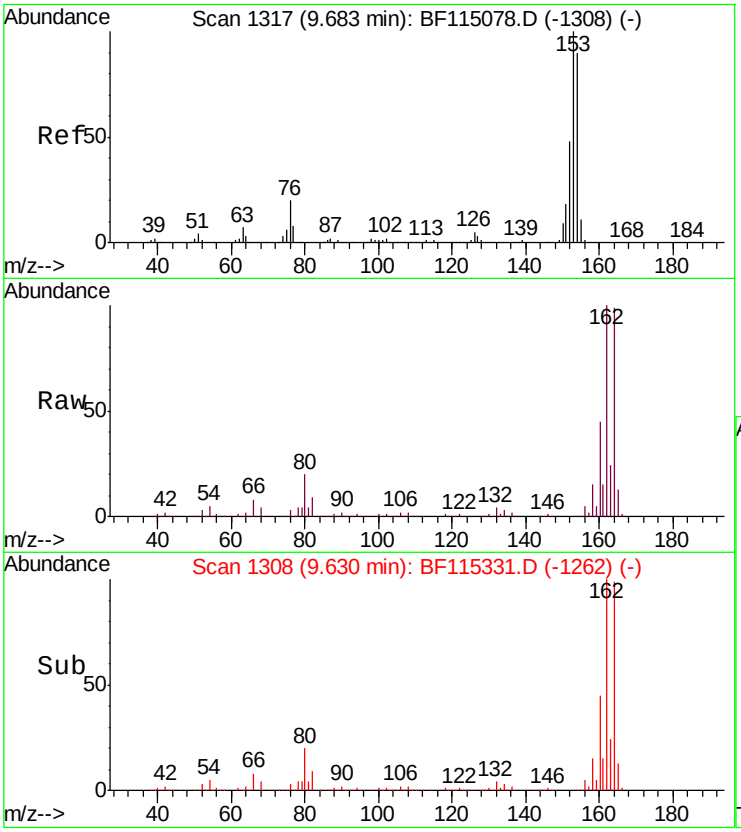


#51
2,6-Dinitrotoluene
Concen: 7.452 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.22 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:165 Resp: 59008

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.3	42.0	63.0#



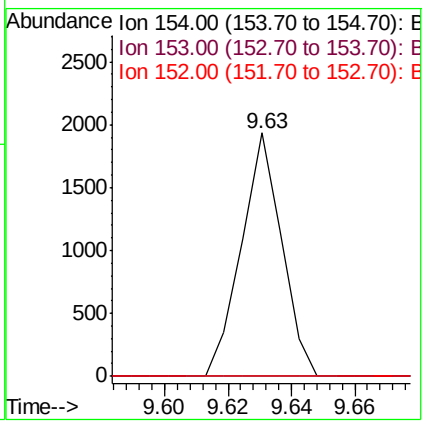


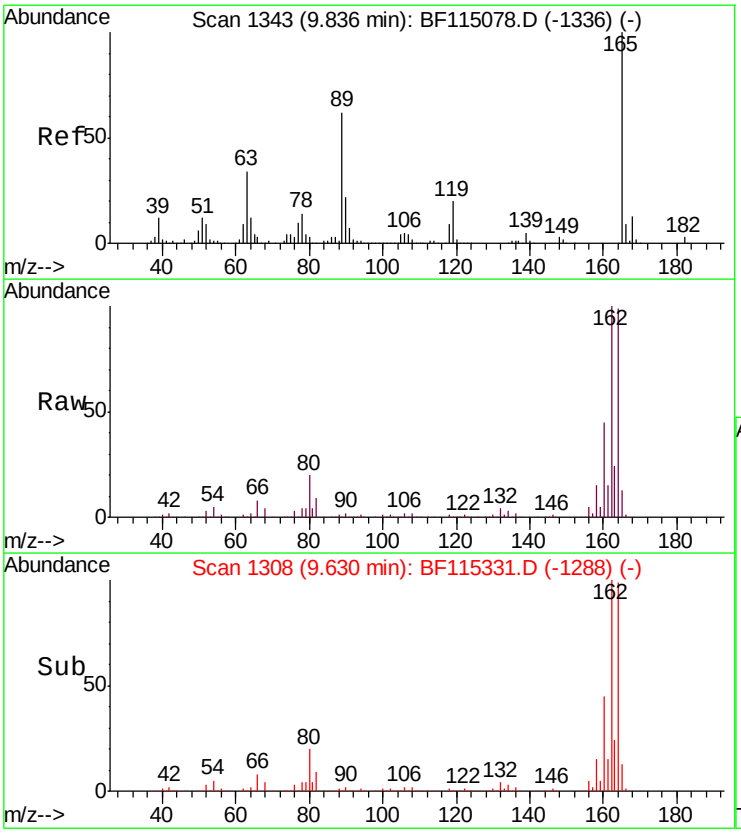
#52
Acenaphthene
Concen: 0.058 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:154 Resp: 1711

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.7	133.1#
152	0.0	42.6	64.0#

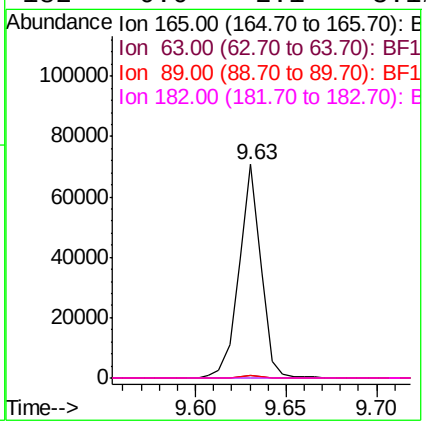


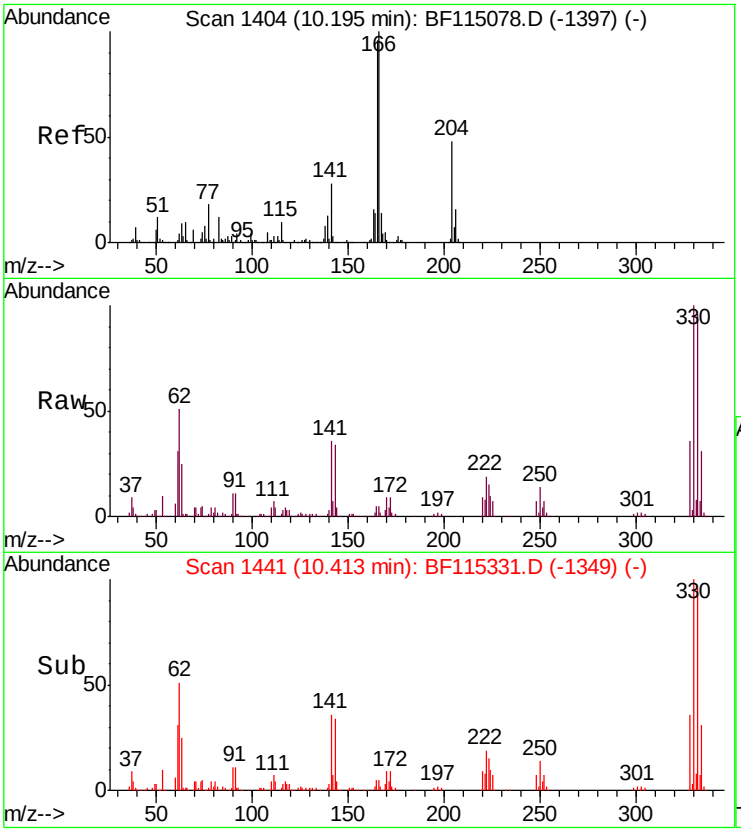


#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:165 Resp: 59008

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



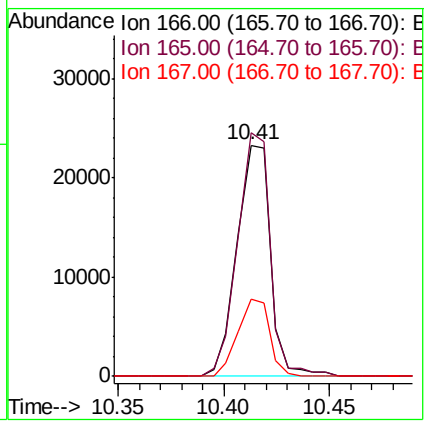


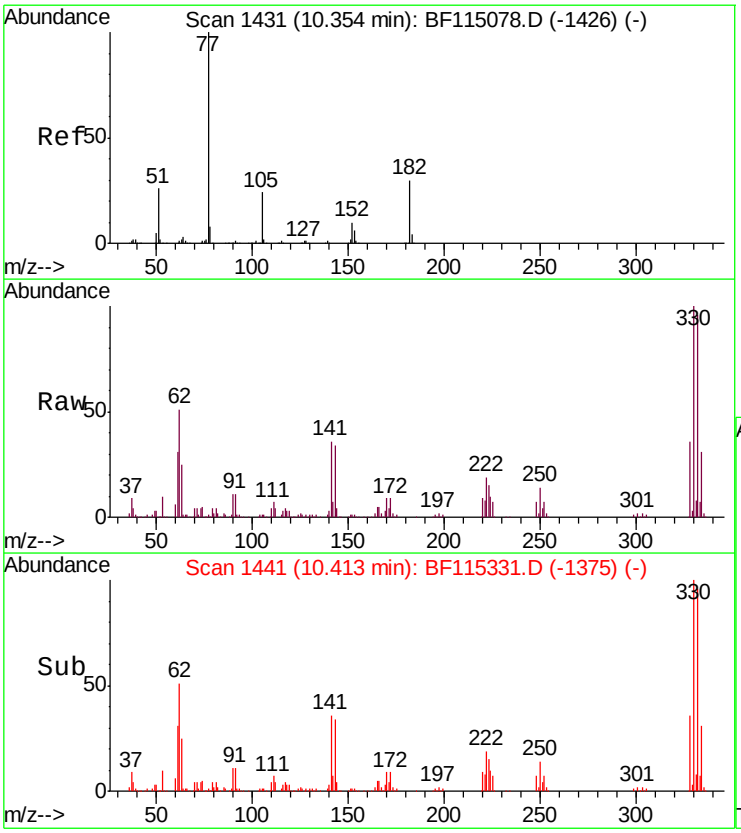
#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1441
Delta R.T. 0.24 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:166 Resp: 25741

Ion	Ratio	Lower	Upper
166	100		
165	105.4	76.5	114.7
167	33.4	11.0	16.4#

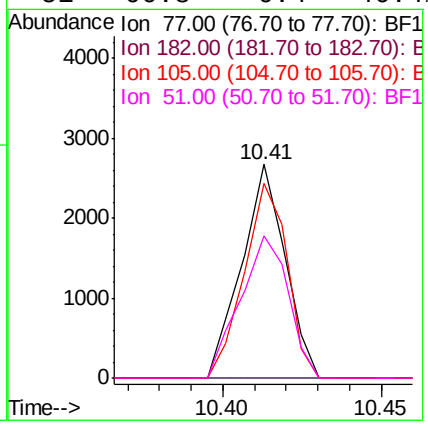


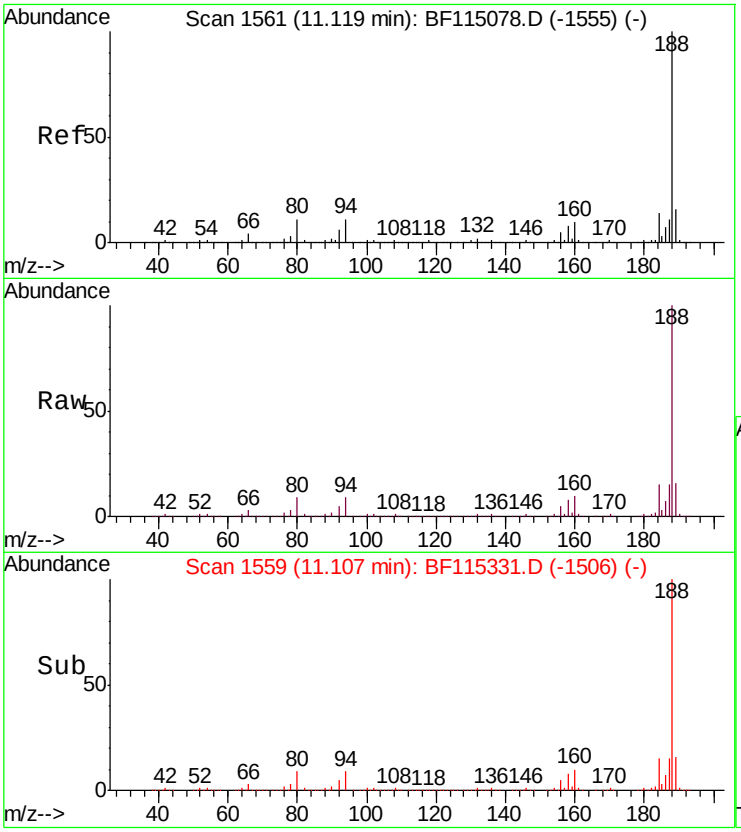


#63
Azobenzene
Concen: 0.079 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.09 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion: 77 Resp: 2546

Ion	Ratio	Lower	Upper
77	100		
182	0.0	10.1	50.1#
105	91.1	4.5	44.5#
51	66.8	6.4	46.4#



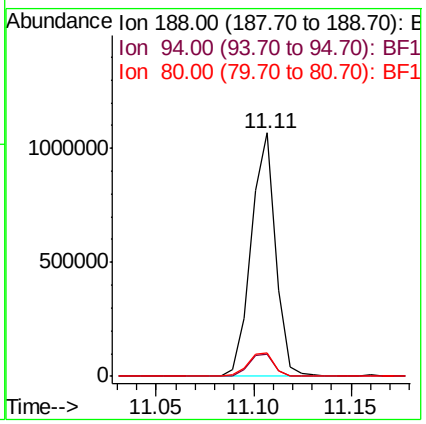


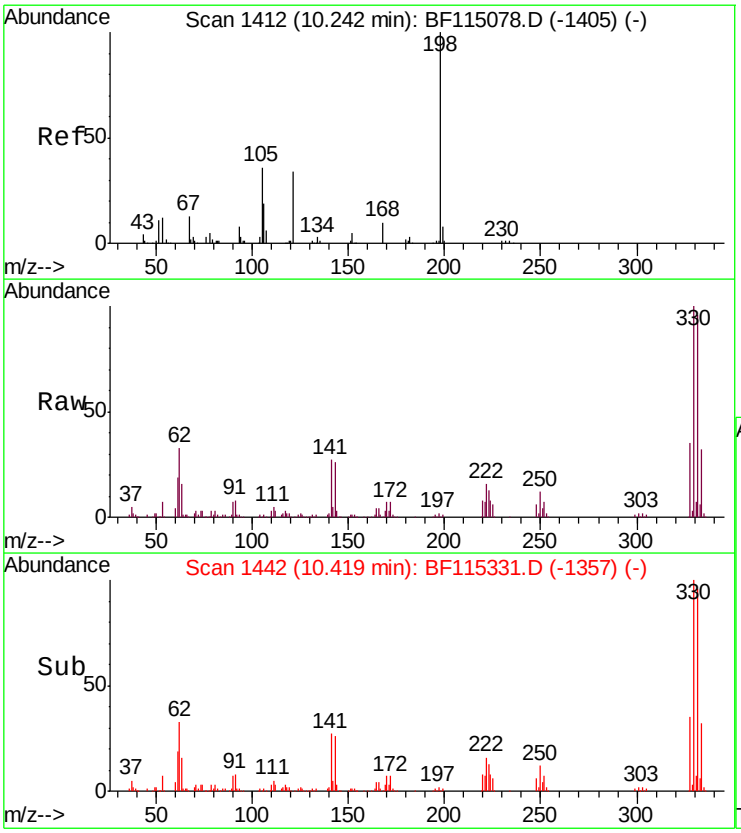
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:188 Resp: 923136

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	12.8
80	9.4	8.8	13.2

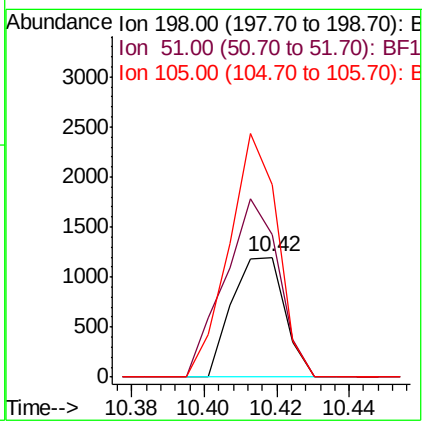


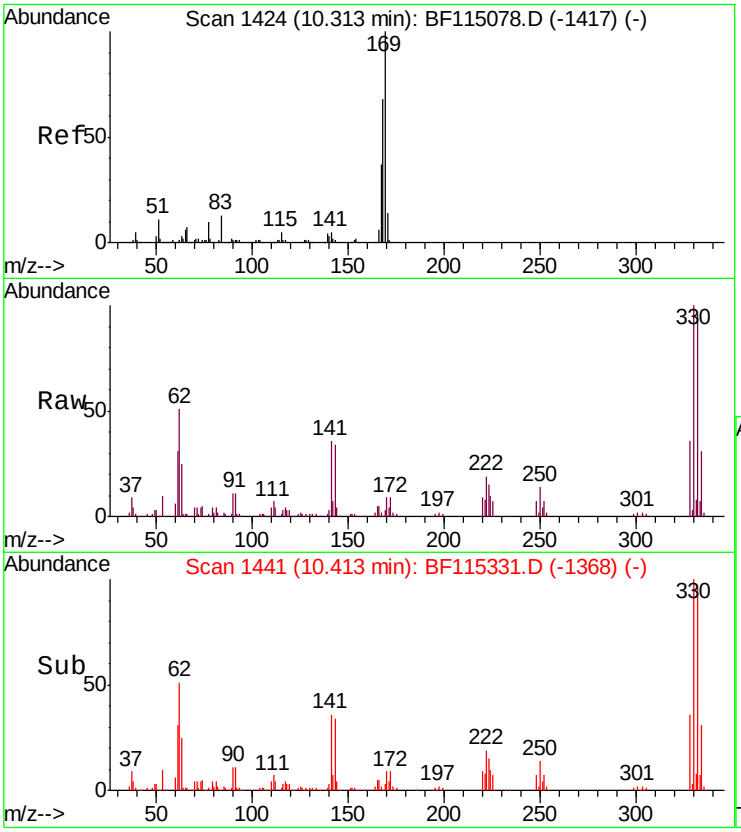


#65
4,6-Dinitro-2-methylphenol
Concen: 5.182 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.20 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:198 Resp: 1215

Ion	Ratio	Lower	Upper
198	100		
51	119.2	11.0	51.0#
105	160.2	17.3	57.3#



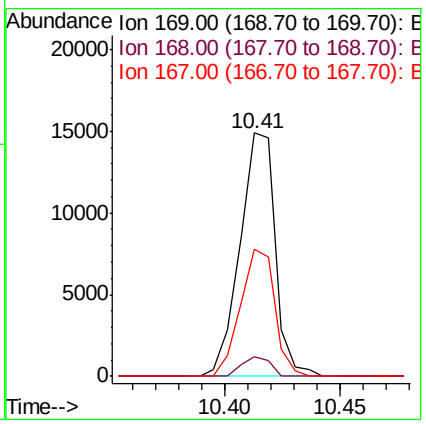


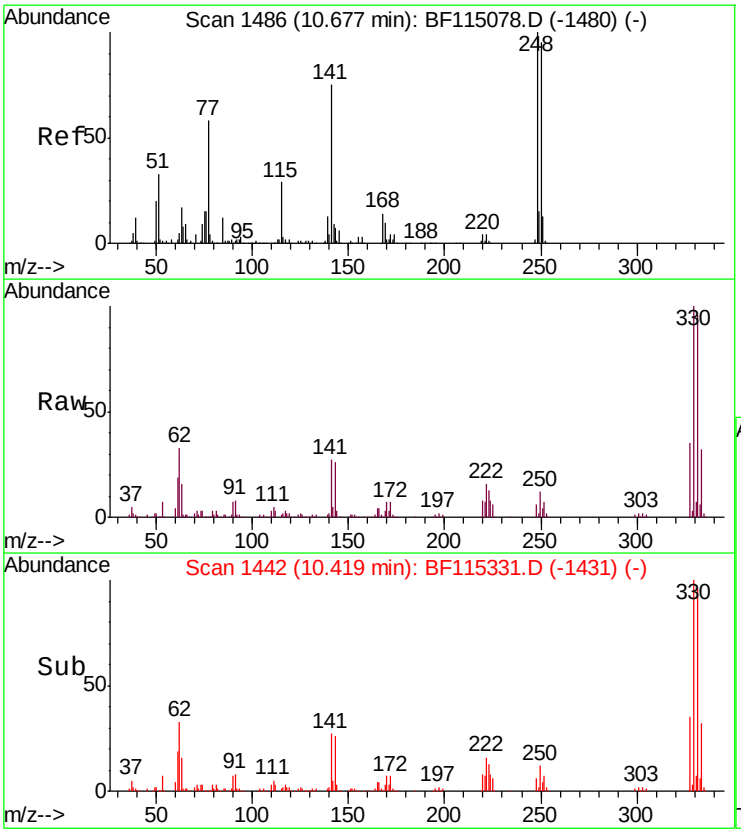
#66
n-Nitrosodiphenylamine
Concen: 0.556 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.13 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:169 Resp: 15994

Ion	Ratio	Lower	Upper
169	100		
168	8.2	54.2	81.4#
167	52.2	29.4	44.0#

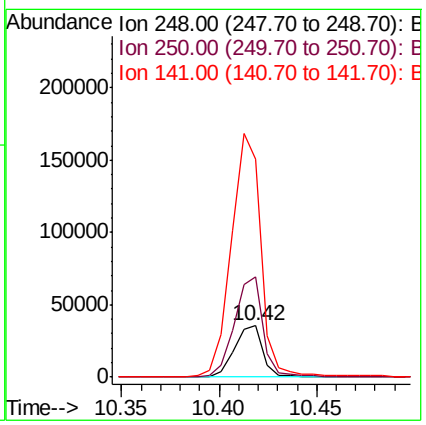


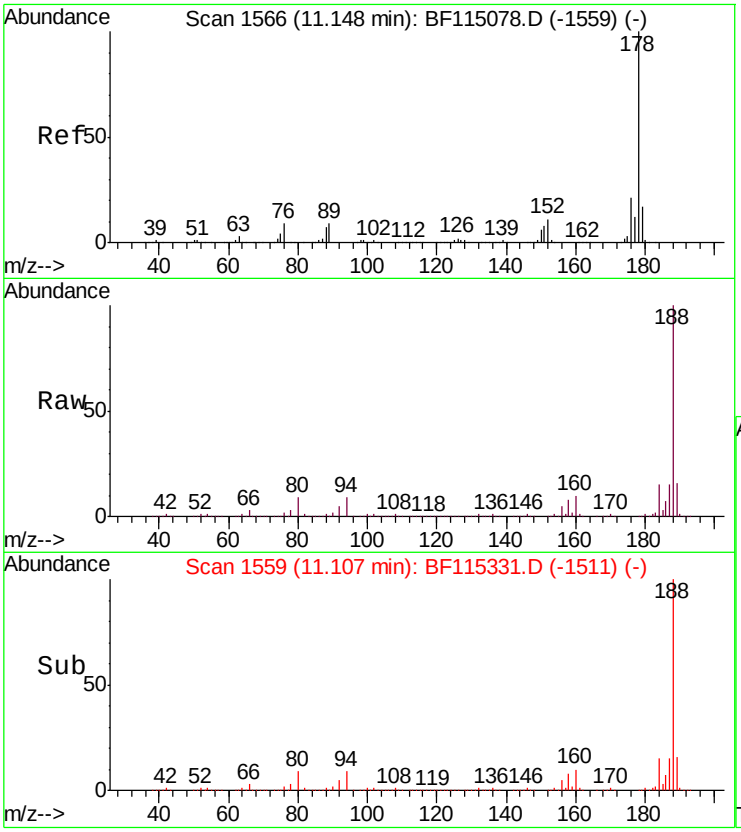


#67
4-Bromophenyl-phenylether
Concen: 3.581 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:248 Resp: 35843

Ion	Ratio	Lower	Upper
248	100		
250	196.6	76.2	114.2#
141	428.3	59.6	89.4#



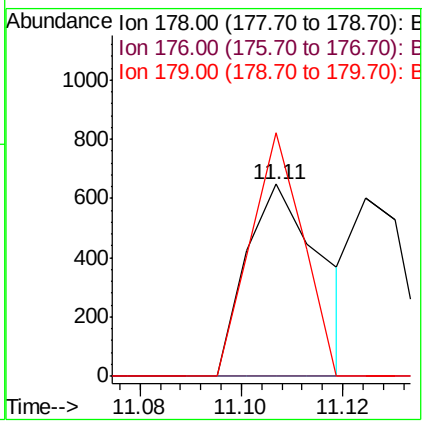


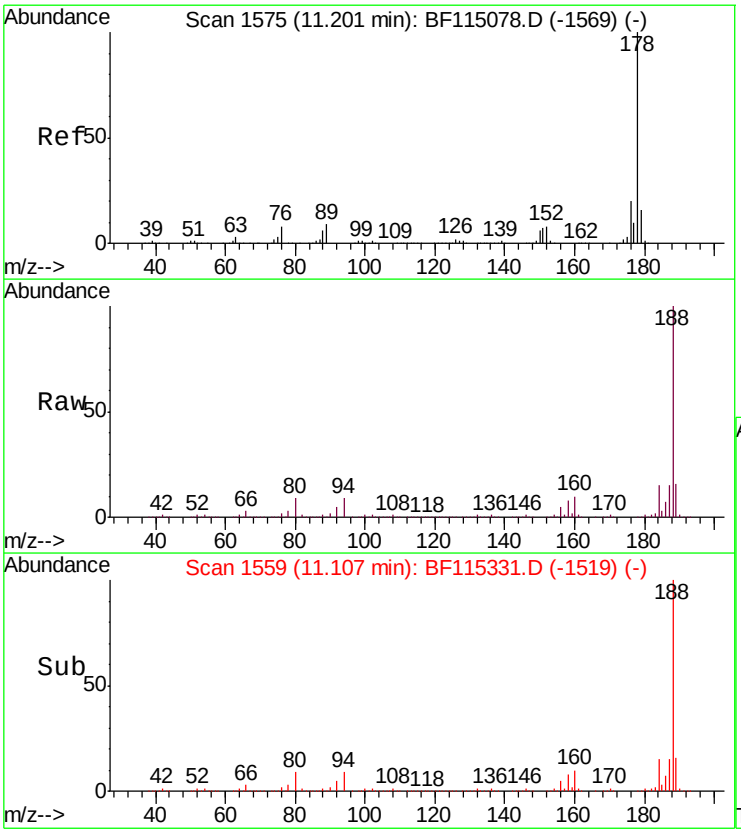
#71
Phenanthrene
Concen: 0.013 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:178 Resp: 666

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.9	25.3#
179	126.7	13.2	19.8#

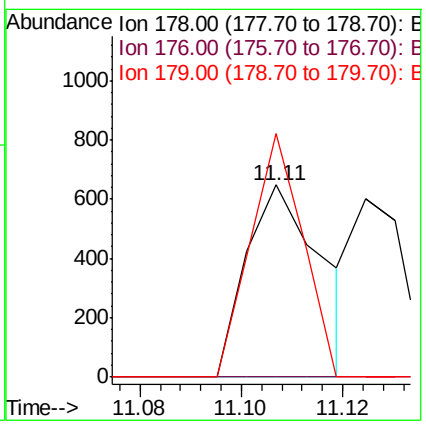


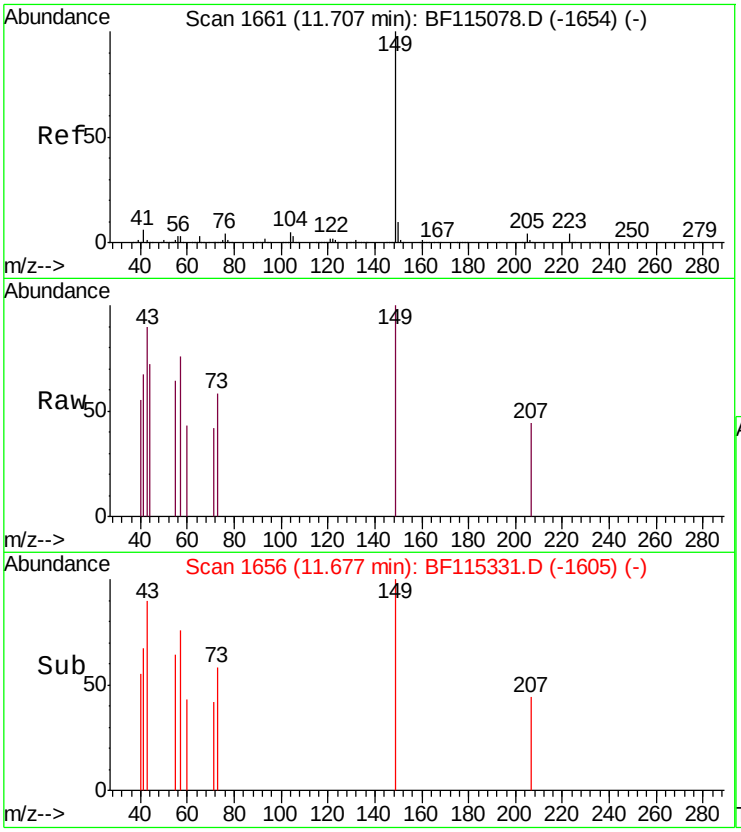


#72
Anthracene
Concen: 0.013 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.06 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:178 Resp: 666

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.1	24.1#
179	126.7	12.9	19.3#



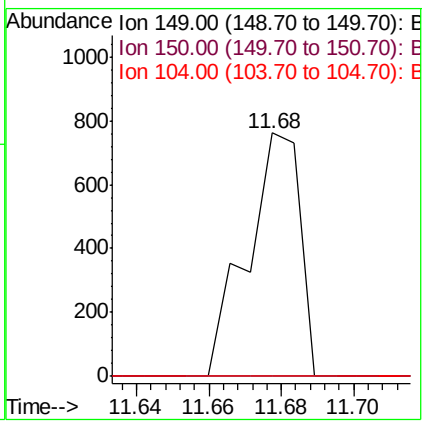


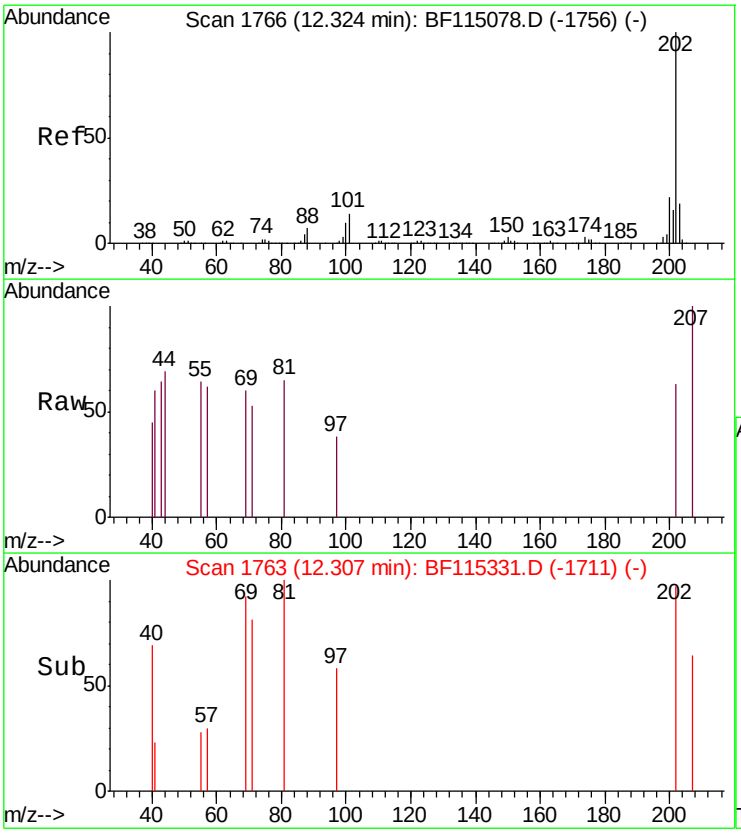
#74
Di-n-butylphthalate
Concen: 0.015 ng
RT: 11.68 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:149 Resp: 767

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	3.7	5.5#

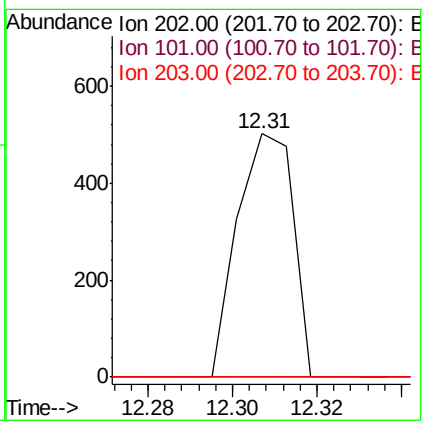


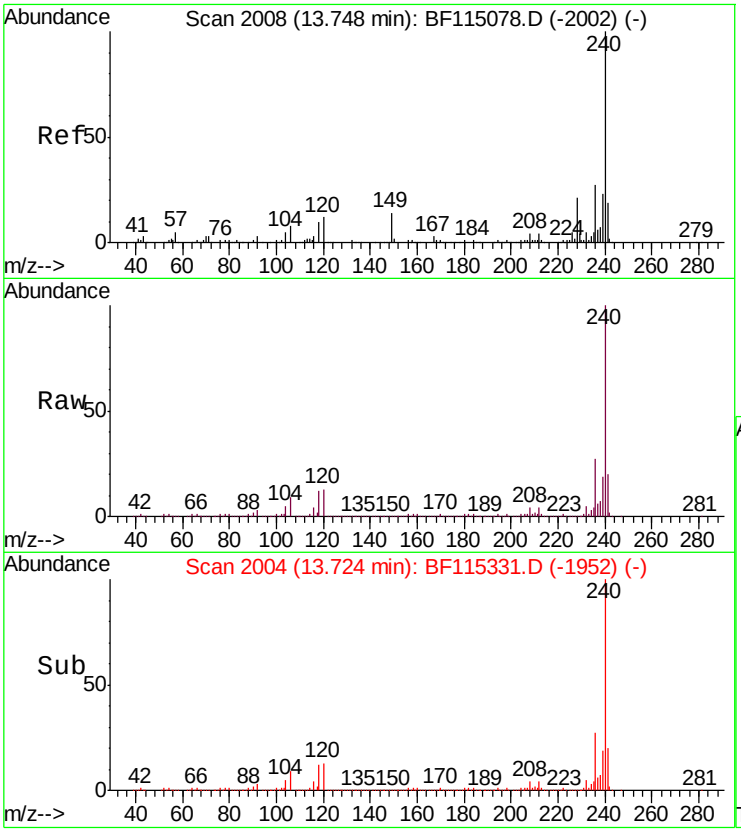


#75
Fluoranthene
Concen: 0.009 ng
RT: 12.31 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:202 Resp: 460

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



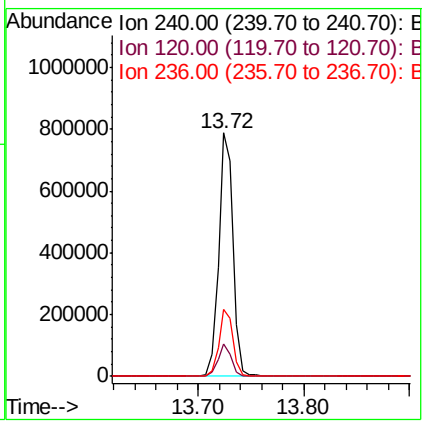


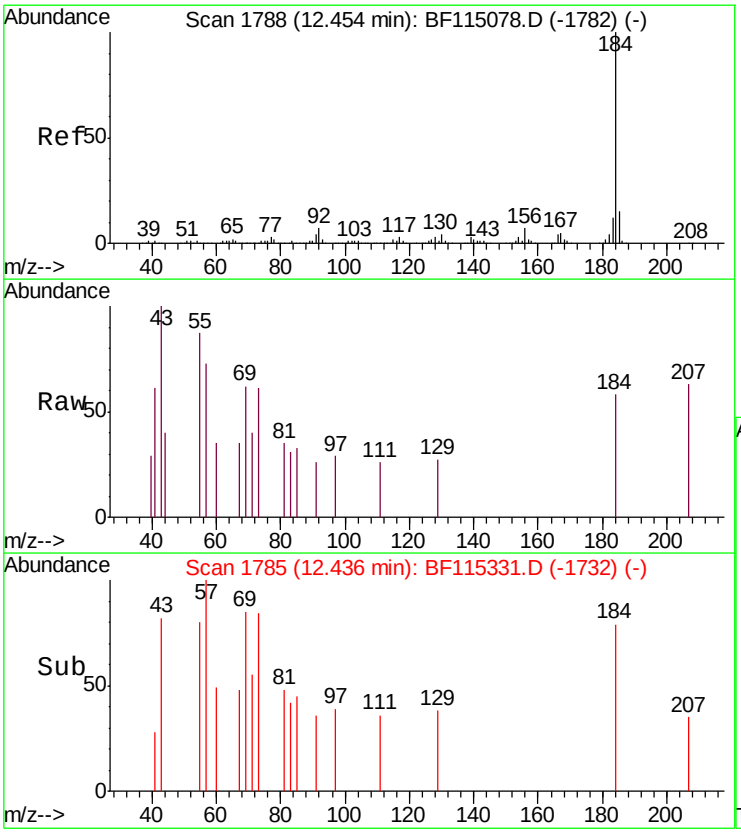
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:240 Resp: 752850

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.4	14.2
236	27.4	21.7	32.5

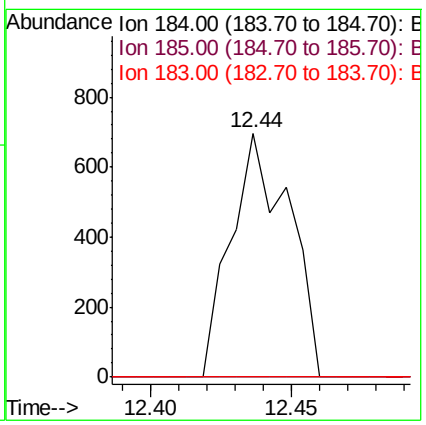


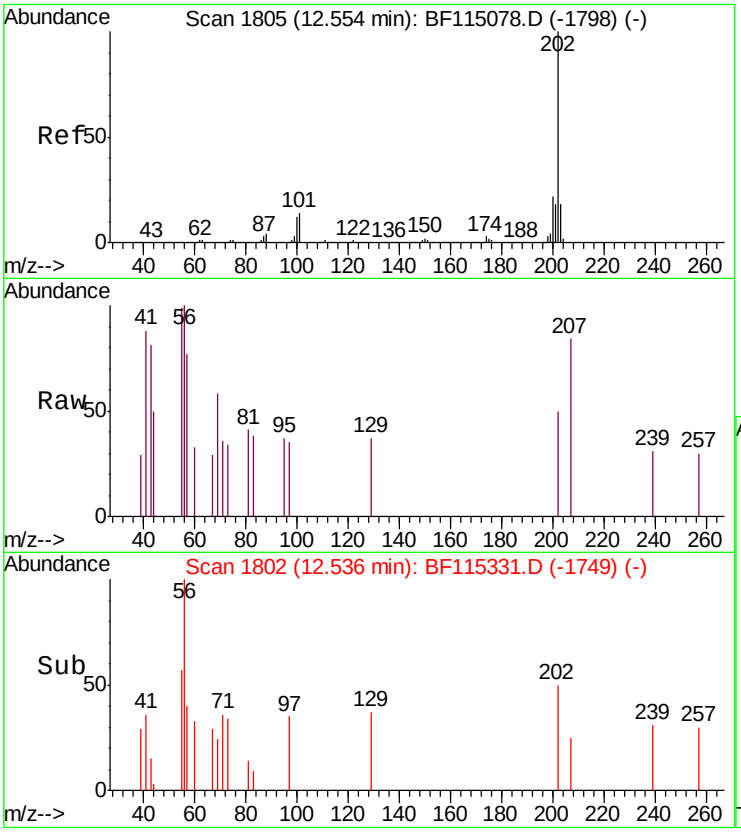


#77
Benzidine
Concen: 0.030 ng
RT: 12.44 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:184 Resp: 994

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.2	18.2#
183	0.0	9.6	14.4#



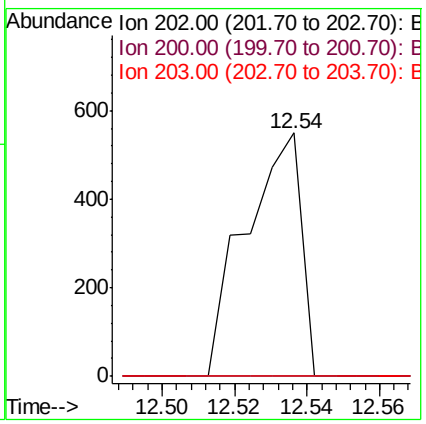


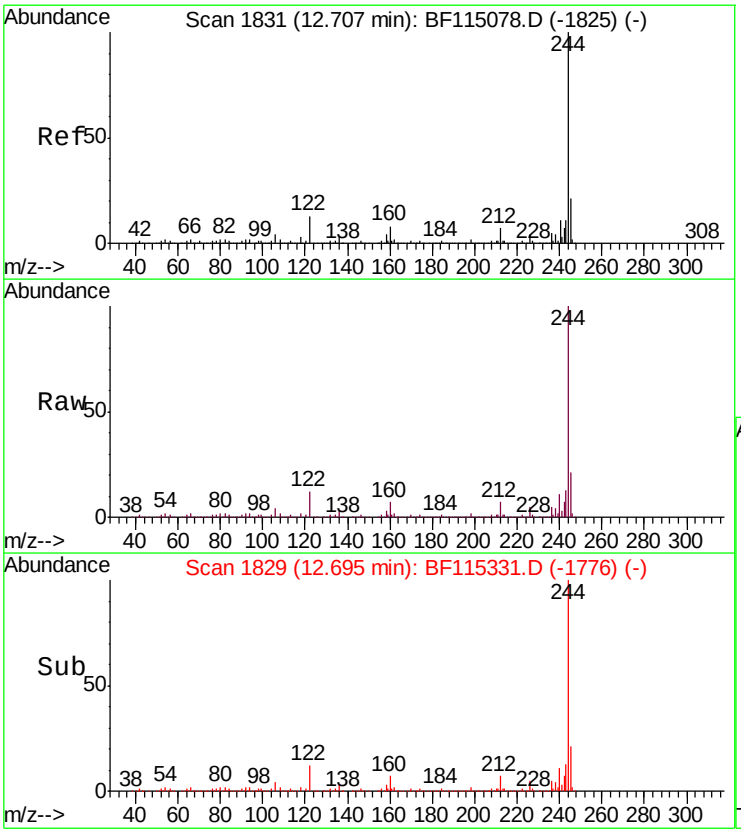
#78
Pyrene
Concen: 0.010 ng
RT: 12.54 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:202 Resp: 587

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

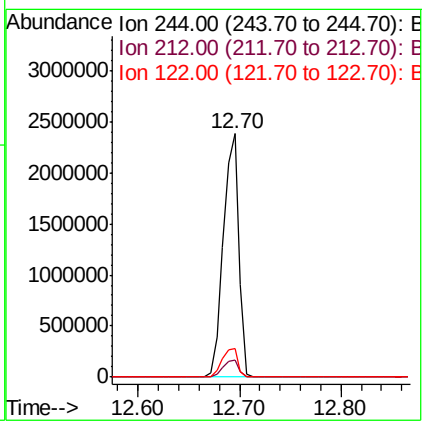


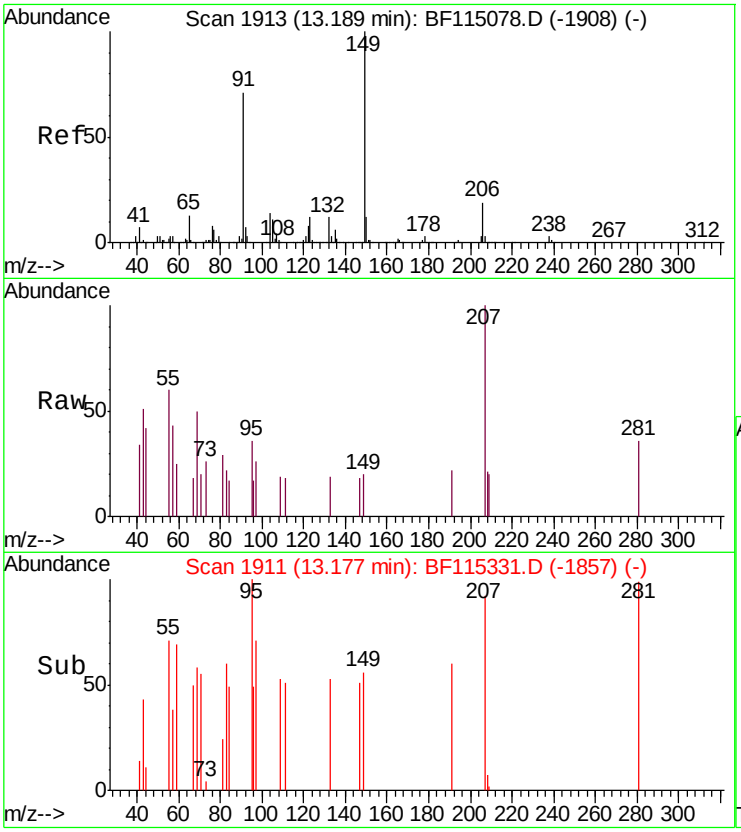


#79
Terphenyl-d14
Concen: 71.419 ng
RT: 12.70 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:244 Resp: 2528874

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.5	10.4	15.6



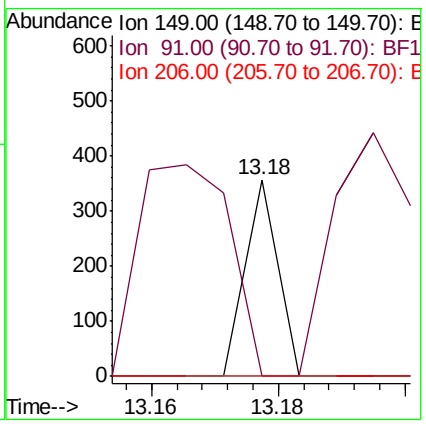


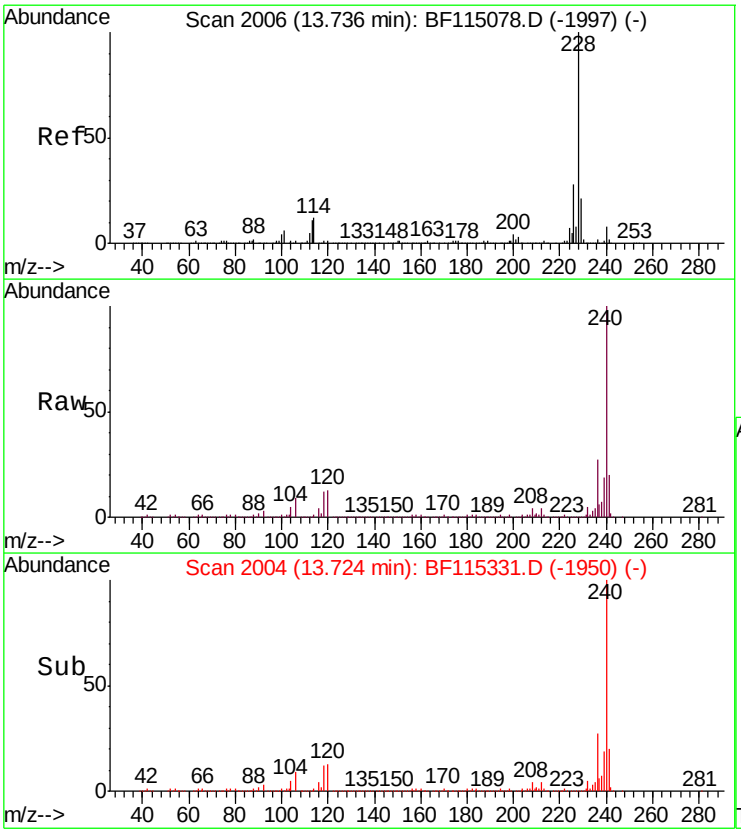
#80
Butylbenzylphthalate
Concen: 0.005 ng
RT: 13.18 min Scan# 1911
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:149 Resp: 126

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

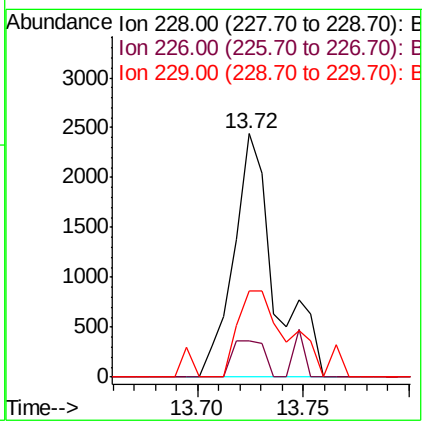


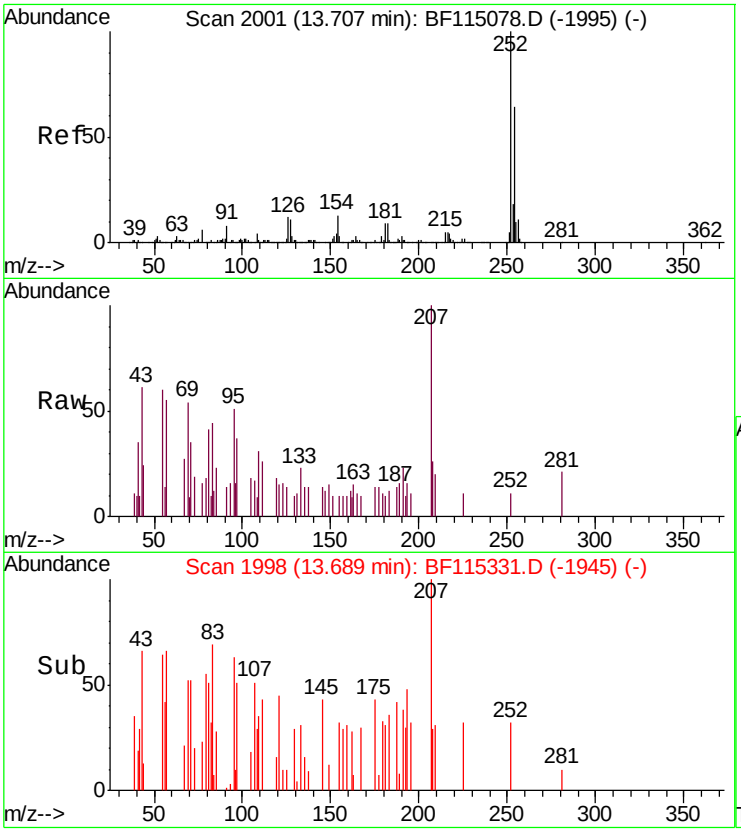


#81
Benzo(a)anthracene
Concen: 0.061 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:228 Resp: 3290

Ion	Ratio	Lower	Upper
228	100		
226	14.7	22.5	33.7#
229	35.4	16.6	24.8#



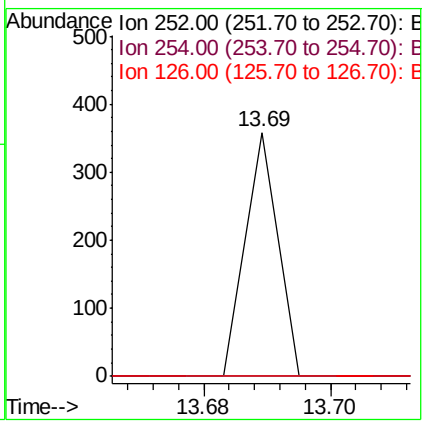


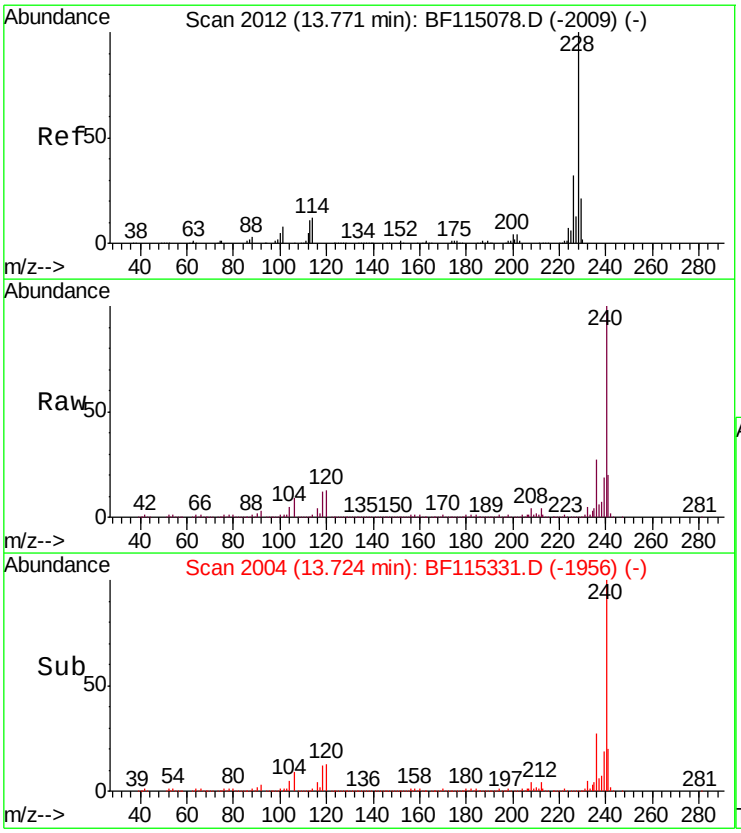
#82
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:252 Resp: 126

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	0.0	9.4	14.0#

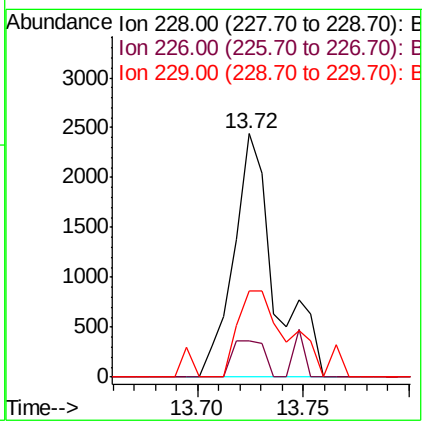


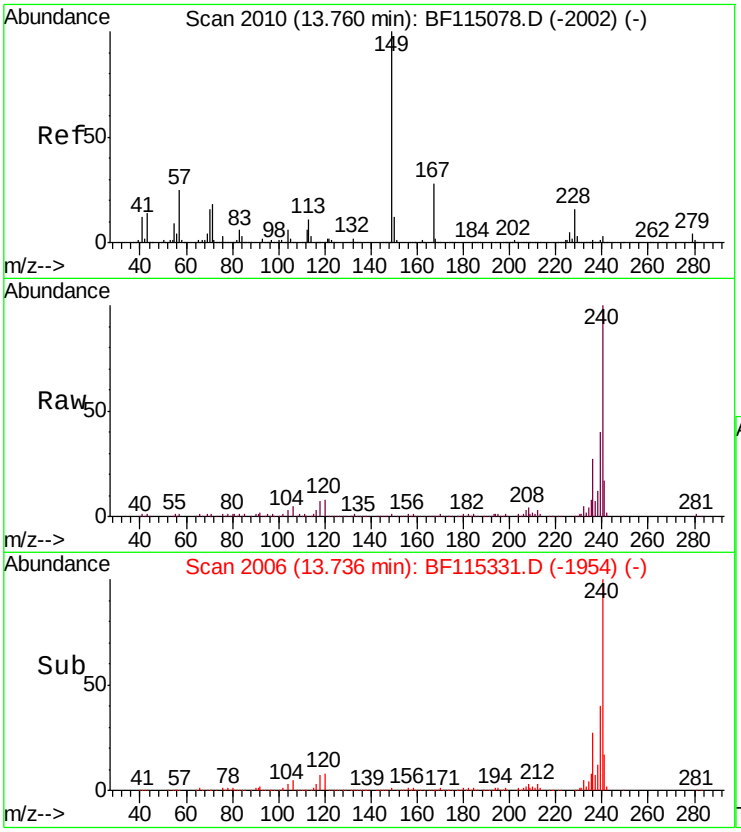


#83
Chrysene
Concen: 0.066 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:228 Resp: 3290

Ion	Ratio	Lower	Upper
228	100		
226	14.7	25.4	38.0#
229	35.4	16.5	24.7#



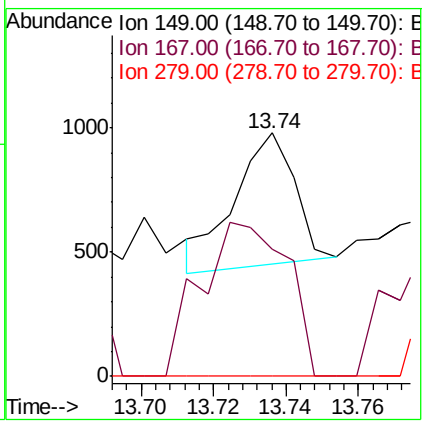


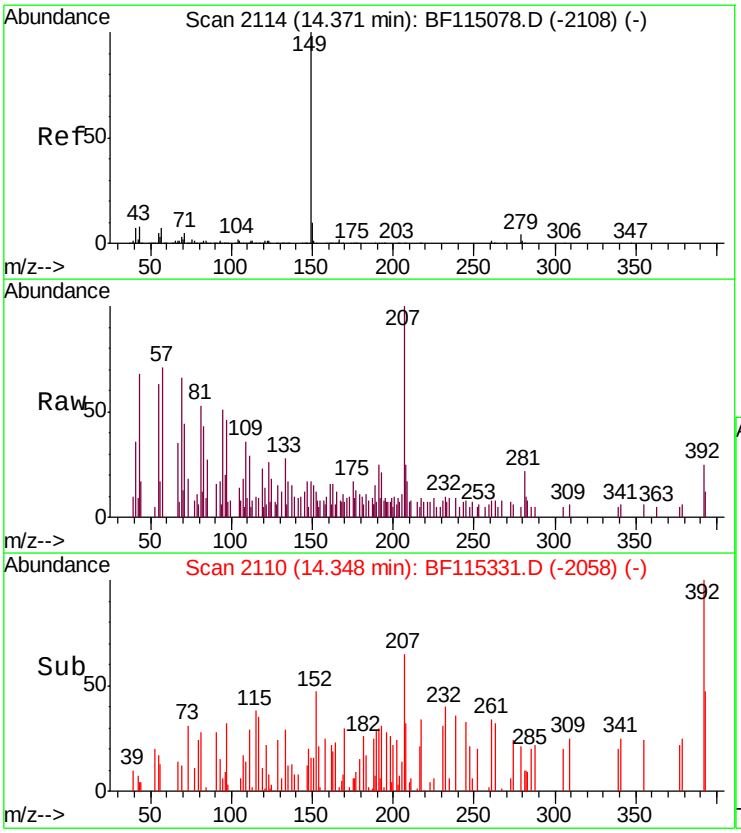
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.018 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:149 Resp: 612

Ion	Ratio	Lower	Upper
149	100		
167	52.4	22.2	33.4#
279	0.0	2.9	4.3#

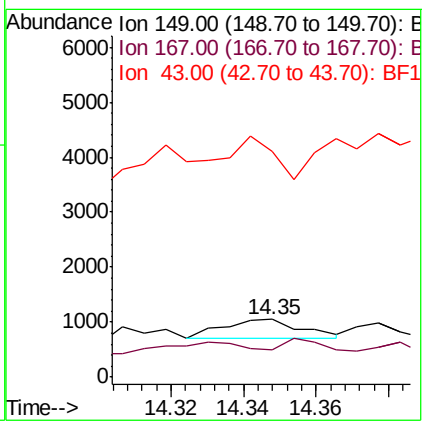


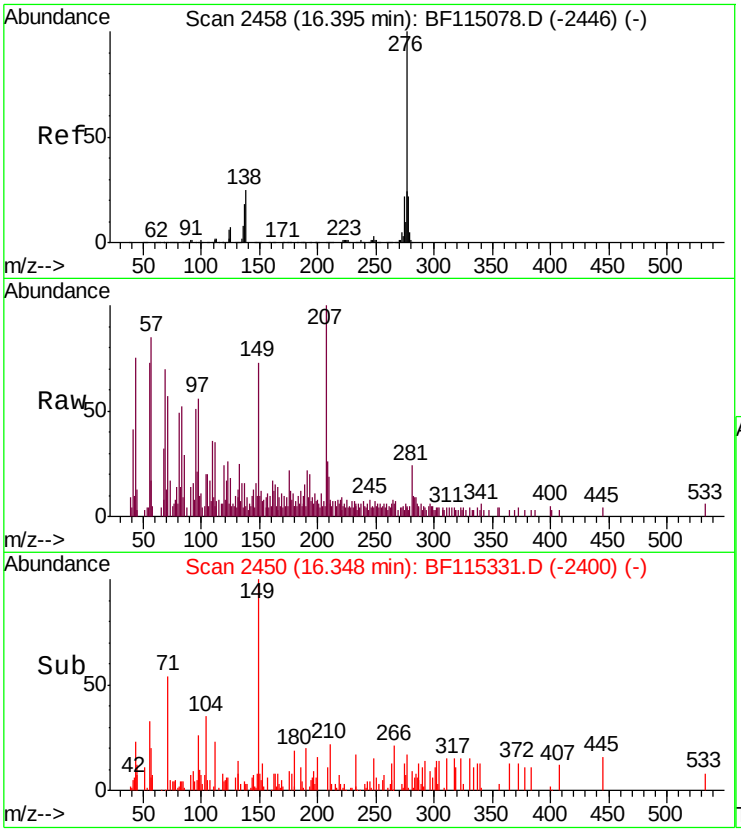


#85
Di-n-octyl phthalate
Concen: 0.010 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:149 Resp: 535

Ion	Ratio	Lower	Upper
149	100		
167	29.7	1.2	1.8#
43	112.1	7.0	10.6#



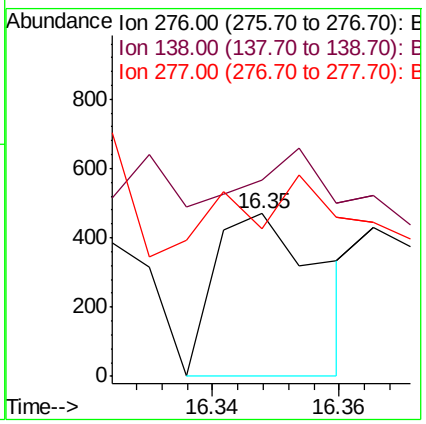


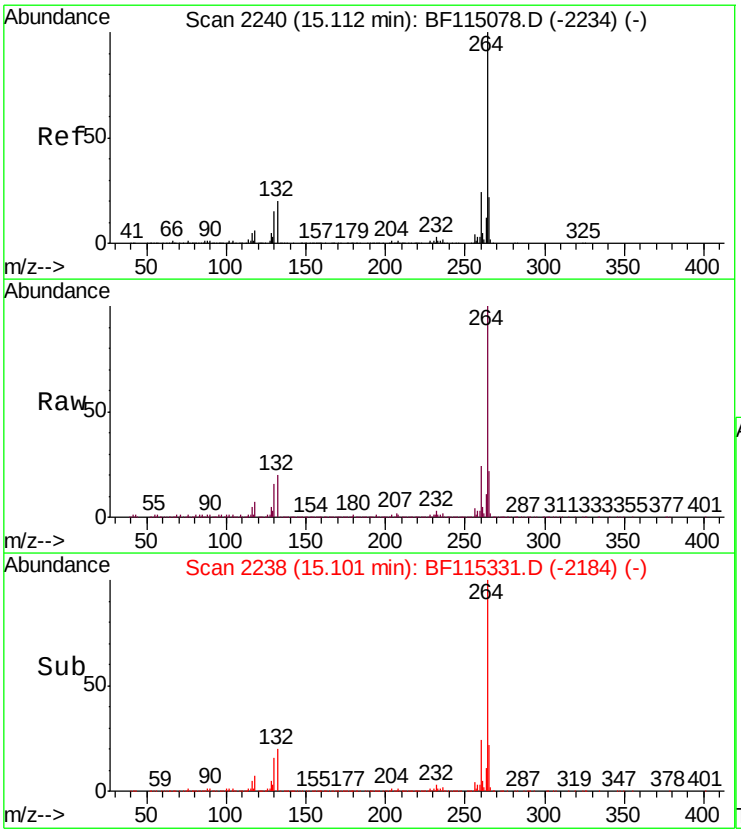
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.009 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:276 Resp: 544

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.2	34.8#
277	31.1	20.1	30.1#

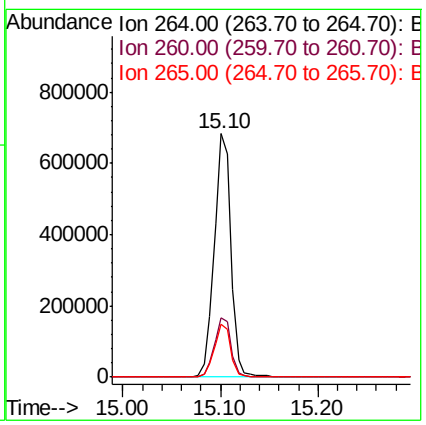


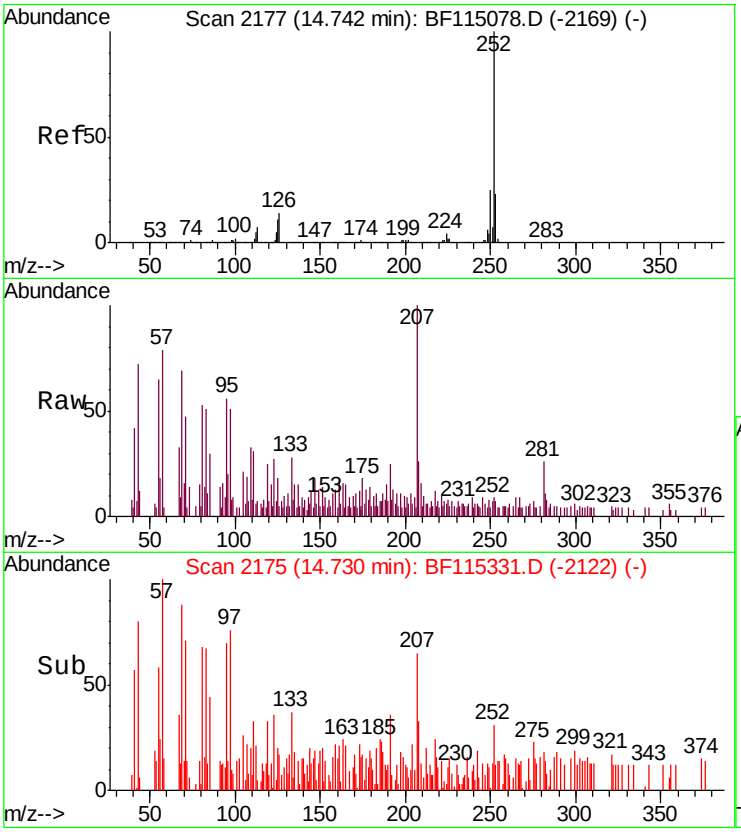


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:264 Resp: 806889

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.9	17.3	25.9



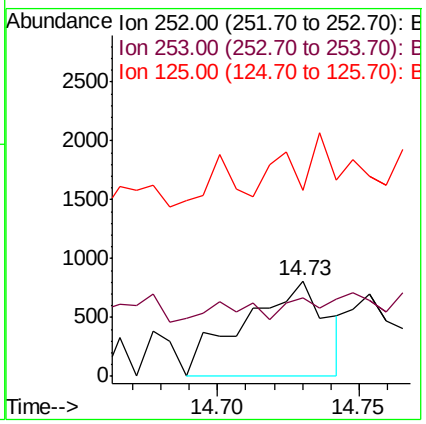


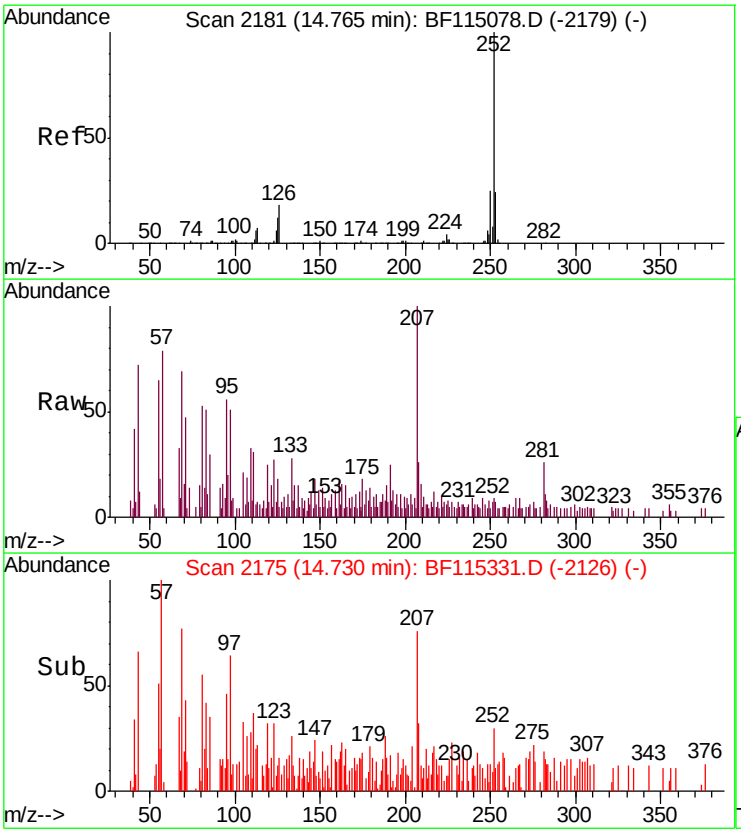
#88
Benzo(b)fluoranthene
Concen: 0.033 ng
RT: 14.73 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:252 Resp: 1646

Ion	Ratio	Lower	Upper
252	100		
253	81.9	18.1	27.1#
125	194.6	8.7	13.1#

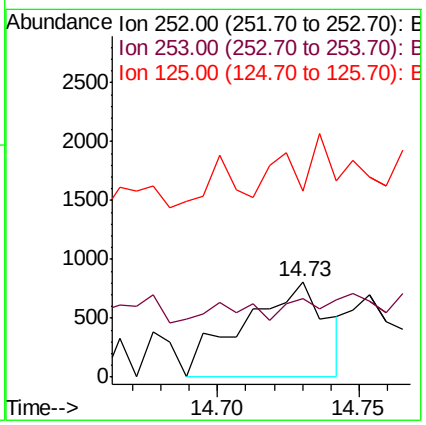


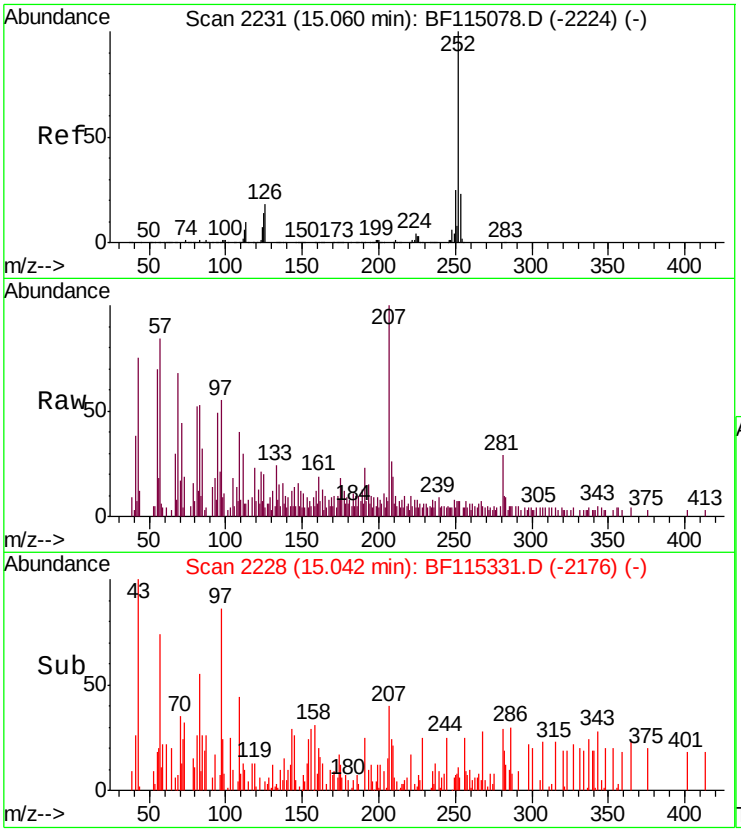


#89
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:252 Resp: 1646

Ion	Ratio	Lower	Upper
252	100		
253	81.9	18.9	28.3#
125	194.6	10.2	15.2#



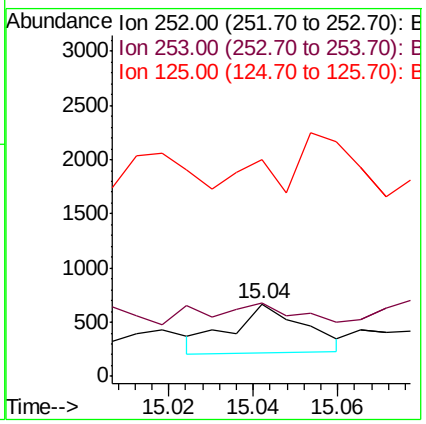


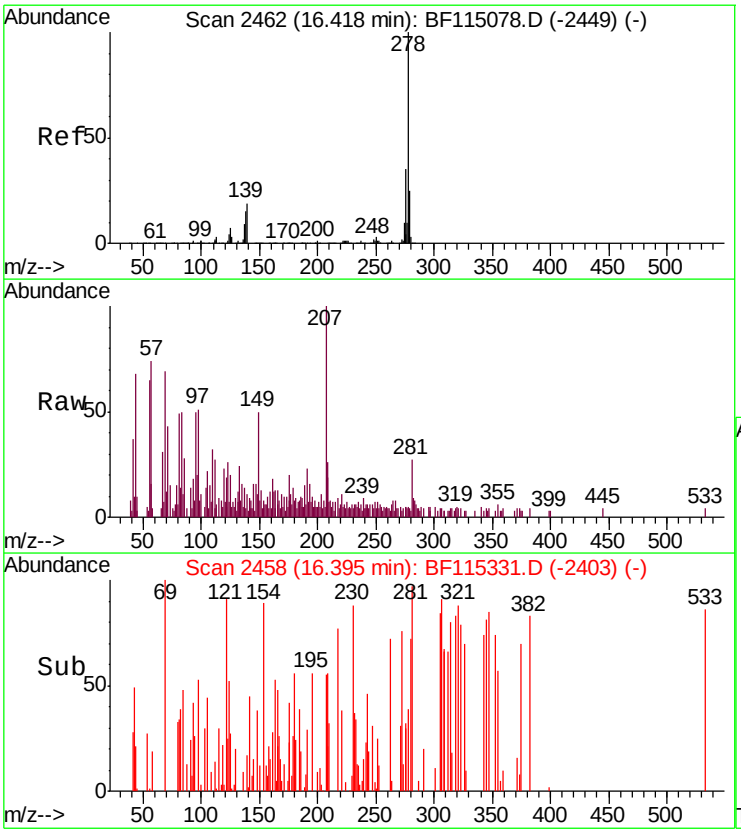
#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:252 Resp: 539

Ion	Ratio	Lower	Upper
252	100		
253	101.6	18.3	27.5#
125	299.7	10.9	16.3#

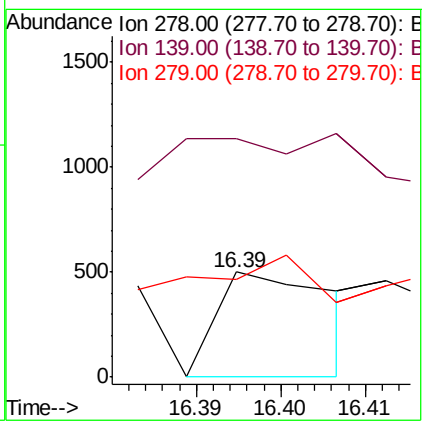


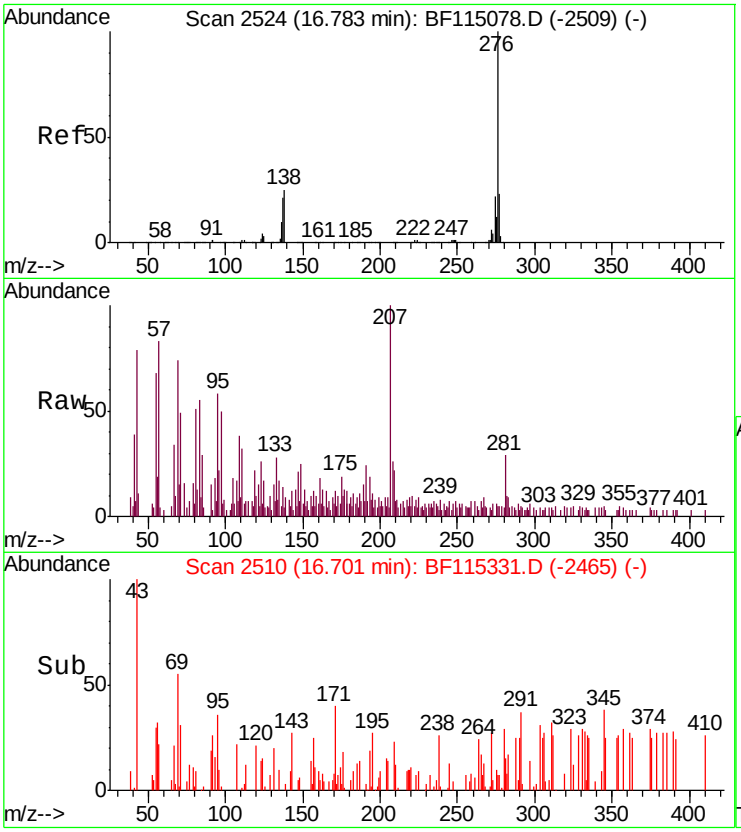


#91
Dibenzo(a,h)anthracene
Concen: 0.011 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.02 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Tgt Ion:278 Resp: 476

Ion	Ratio	Lower	Upper
278	100		
139	227.2	15.4	23.2#
279	93.0	19.9	29.9#





#92
Benzo(g,h,i)perylene
Concen: 0.010 ng
RT: 16.70 min Scan# 2510
Delta R.T. -0.04 min
Lab File: BF115331.D
Acq: 1 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :
PB121019BL

Tgt Ion:276 Resp: 418

Ion	Ratio	Lower	Upper
276	100		
277	118.2	18.6	28.0#
138	95.1	19.8	29.6#