Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
Data File : BF115832.D
Acq On : 29 Jul 2019 10:39
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 29 13:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 13:05:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176701	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	723350	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	353341	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	674472	20.00	ng		0.00
76) Chrysene-d12	14.02	240	536665	20.00	ng		0.00
87) Perylene-d12	15.48	264	610408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	262426	24.29	ng		0.00
7) Phenol-d6	6.49	99	348031	25.39	ng		0.00
23) Nitrobenzene-d5	7.42	82	305670	24.57	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	92094	22.33	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	576994	28.58	ng		0.00
79) Terphenyl-d14	12.96	244	621967	21.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	61360	11.387	ng		100
3) Pyridine	3.40	79	161117	11.020	ng		100
4) n-Nitrosodimethylamine	3.32	42	68268	12.872	ng		98
6) Aniline	6.52	93	230044	12.059	ng		98
8) 2-Chlorophenol	6.65	128	149520	12.039	ng		98
9) Benzaldehyde	6.41	77	116454	13.595	ng		98
10) Phenol	6.50	94	201525	12.665	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	140607	11.606	ng		95
12) 1,3-Dichlorobenzene	6.80	146	165642	11.862	ng		98
13) 1,4-Dichlorobenzene	6.87	146	166781	11.970	ng		99
14) 1,2-Dichlorobenzene	7.03	146	160181	12.577	ng		97
15) Benzyl Alcohol	7.00	79	127378	11.714	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	192544	12.072	ng		99
17) 2-Methylphenol	7.11	107	121829	11.382	ng		98
18) Hexachloroethane	7.37	117	60067	11.615	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	107214	11.993	ng		98
20) 3+4-Methylphenols	7.26	107	155600	12.239	ng	#	85
22) Acetophenone	7.26	105	207763	12.714	ng	#	97
24) Nitrobenzene	7.44	77	164441	12.256	ng		99
25) Isophorone	7.67	82	285403	11.465	ng		99
26) 2-Nitrophenol	7.76	139	75833	10.980	ng		95
27) 2,4-Dimethylphenol	7.79	122	115034	11.132	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	178730	11.704	ng		99
29) 2,4-Dichlorophenol	8.00	162	125112	11.642	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	140054	11.529	ng		98
31) Naphthalene	8.16	128	445027	12.703	ng		99
32) Benzoic acid	7.89	122	77532	9.142	ng		97
33) 4-Chloroaniline	8.21	127	187607	12.090	ng		98
34) Hexachlorobutadiene	8.29	225	80657	11.578	ng		98
35) Caprolactam	8.55	113	38538	11.605	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	131094	11.760	ng		96
37) 2-Methylnaphthalene	8.85	142	289047	12.447	ng		99
38) 1-Methylnaphthalene	8.95	142	277799	12.595	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	124765	11.726	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
Data File : BF115832.D
Acq On : 29 Jul 2019 10:39
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 29 13:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 13:05:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	31297	5.156 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	83862	10.778 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	88201	11.068 ng		98
46) 1,1'-Biphenyl	9.32	154	346585	12.547 ng		98
47) 2-Chloronaphthalene	9.34	162	278370	12.102 ng		98
48) 2-Nitroaniline	9.43	65	87841	12.339 ng		97
49) Acenaphthylene	9.76	152	432603	12.693 ng		99
50) Dimethylphthalate	9.61	163	308213	11.594 ng		99
51) 2,6-Dinitrotoluene	9.67	165	66202	10.958 ng	#	83
52) Acenaphthene	9.93	154	261801	11.898 ng		99
53) 3-Nitroaniline	9.84	138	83094	12.036 ng		100
54) 2,4-Dinitrophenol	9.96	184	20392	6.574 ng		99
55) Dibenzofuran	10.10	168	387936	12.415 ng		98
56) 4-Nitrophenol	10.00	139	51011	9.689 ng		95
57) 2,4-Dinitrotoluene	10.08	165	88497	11.307 ng		97
58) Fluorene	10.44	166	296892	13.290 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	74615	11.201 ng		99
60) Diethylphthalate	10.31	149	290795	11.675 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	144827	11.691 ng		97
62) 4-Nitroaniline	10.45	138	84229	12.719 ng		99
63) Azobenzene	10.59	77	308093	12.752 ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	35012	8.496 ng		90
66) n-Nitrosodiphenylamine	10.55	169	253614	12.088 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	86028	11.161 ng		96
68) Hexachlorobenzene	10.99	284	99597	11.315 ng		93
69) Atrazine	11.07	200	79322	11.525 ng		100
70) Pentachlorophenol	11.19	266	45740	8.496 ng		99
71) Phenanthrene	11.40	178	442210	12.791 ng		99
72) Anthracene	11.45	178	451620	12.640 ng		98
73) Carbazole	11.61	167	410495	13.101 ng		99
74) Di-n-butylphthalate	11.93	149	442557	11.467 ng		99
75) Fluoranthene	12.59	202	461475	12.631 ng		96
77) Benzidine	12.71	184	237402	12.487 ng		98
78) Pyrene	12.82	202	486334	10.696 ng		97
80) Butylbenzylphthalate	13.43	149	181532	9.366 ng		93
81) Benzo(a)anthracene	14.00	228	421448	11.920 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	152069	12.099 ng		100
83) Chrysene	14.04	228	417361	11.759 ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	241810	10.072 ng		100
85) Di-n-octyl phthalate	14.60	149	405972	10.627 ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	436277	14.469 ng		99
88) Benzo(b)fluoranthene	15.05	252	433668	11.033 ng		98
89) Benzo(k)fluoranthene	15.08	252	370878	10.584 ng		98
90) Benzo(a)pyrene	15.42	252	382958	11.336 ng		99
91) Dibenzo(a,h)anthracene	16.96	278	357464	12.053 ng		99
92) Benzo(g,h,i)perylene	17.39	276	349409	11.813 ng		99

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
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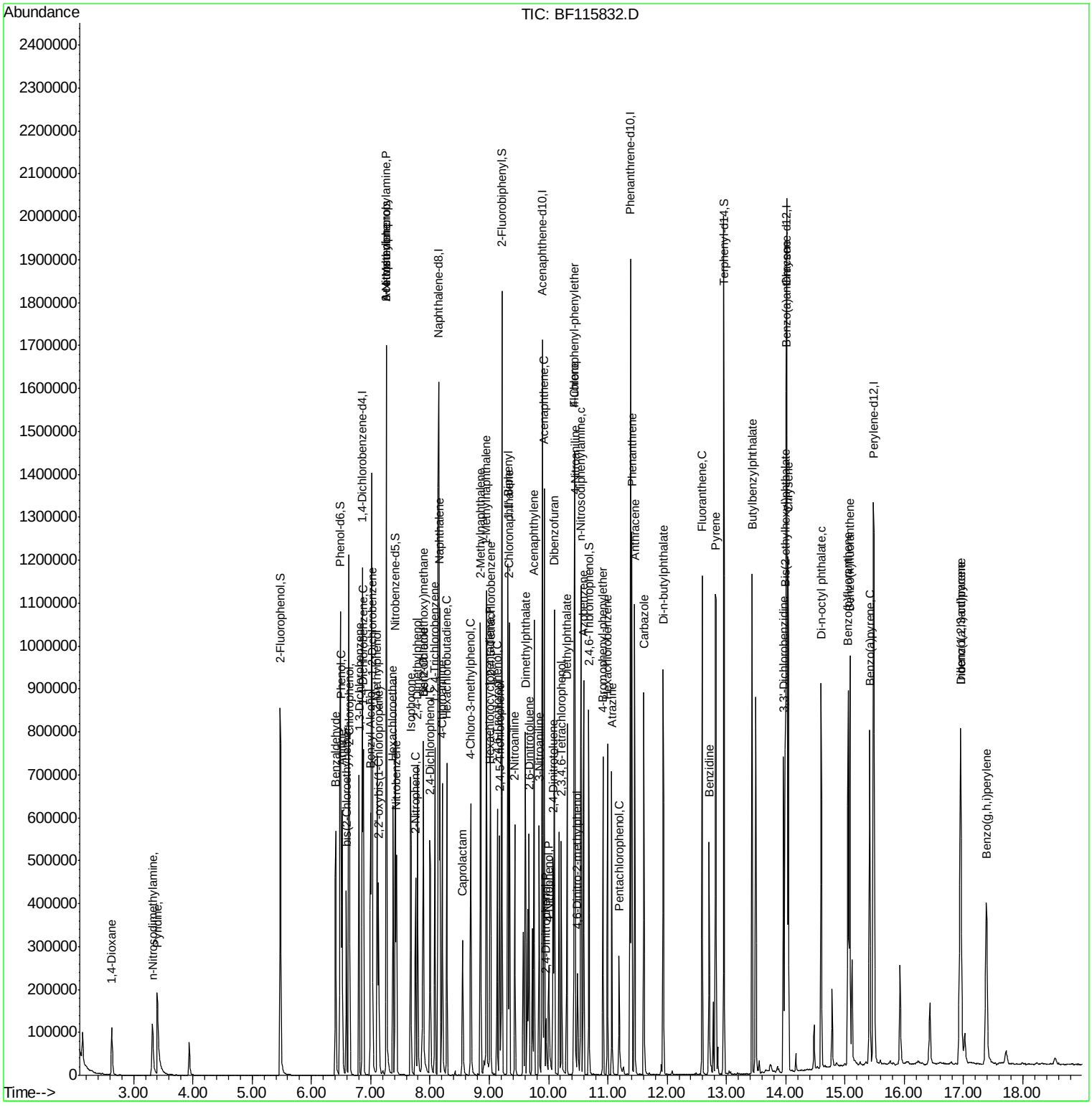
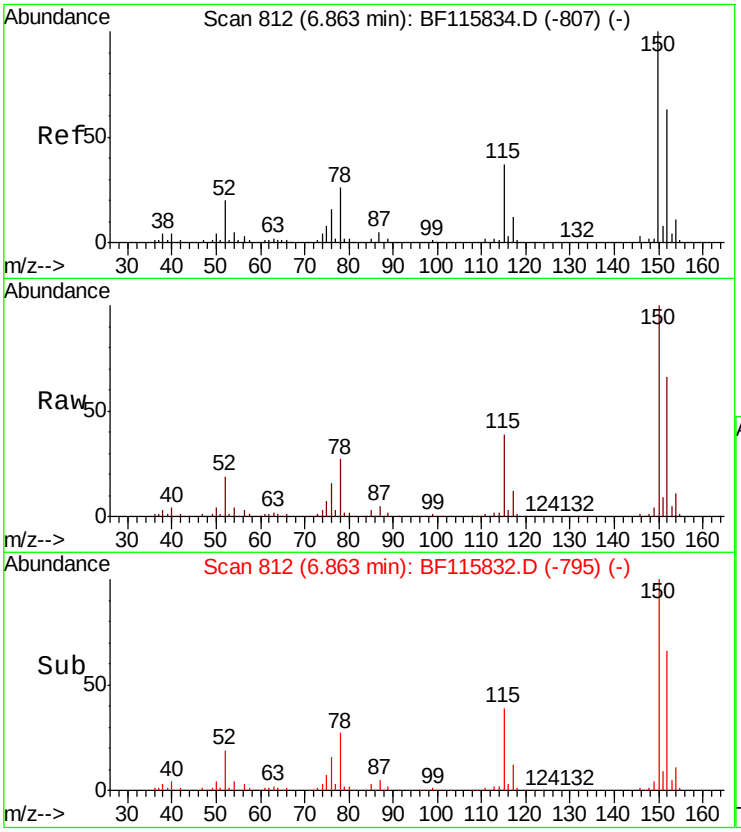
Acq On : 29 Jul 2019 10:39
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 29 13:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 13:05:20 2019
Response via : Initial Calibration



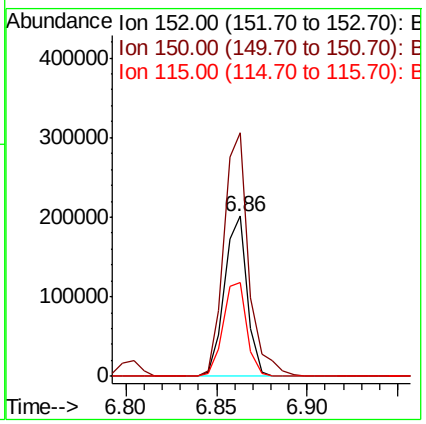


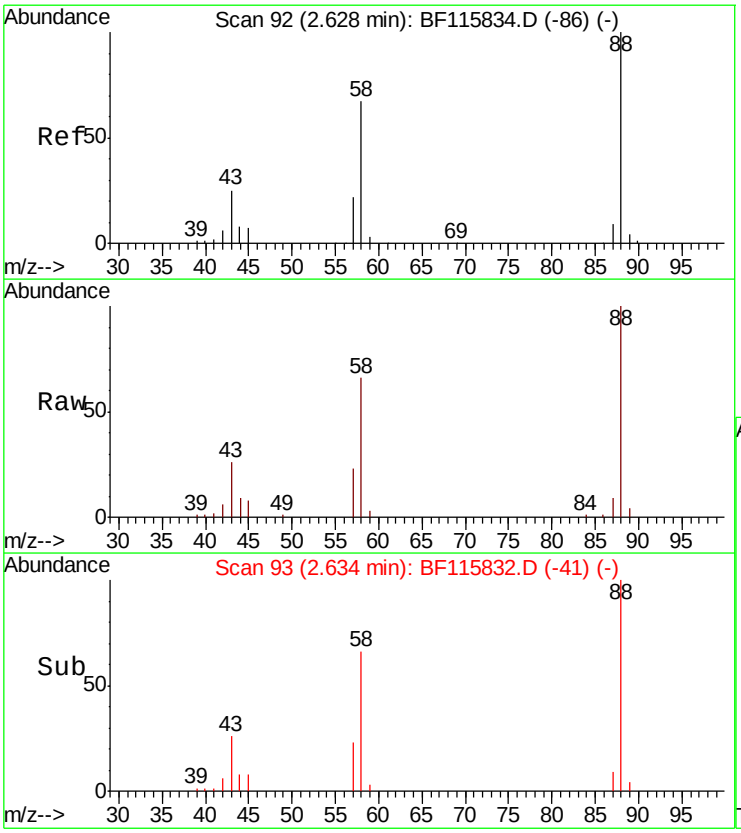
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 176701

Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.6	191.4
115	59.0	47.7	71.5

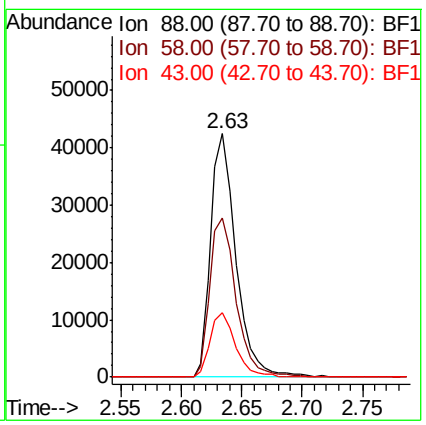


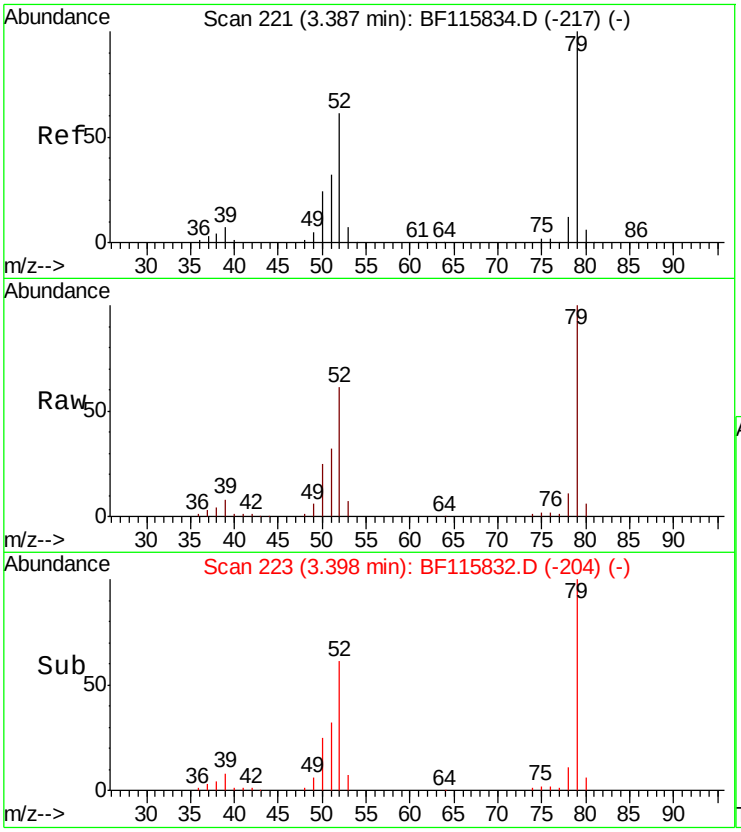


#2
1,4-Dioxane
Concen: 11.387 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 88 Resp: 61360

Ion	Ratio	Lower	Upper
88	100		
58	68.1	54.4	81.6
43	26.4	21.1	31.7



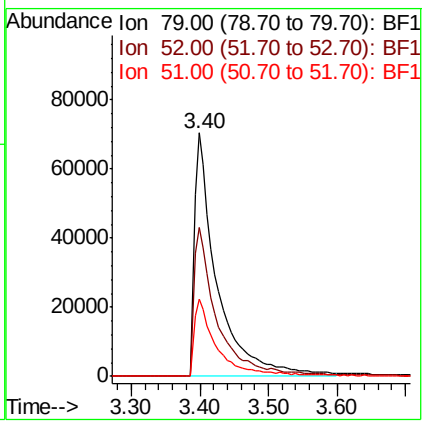


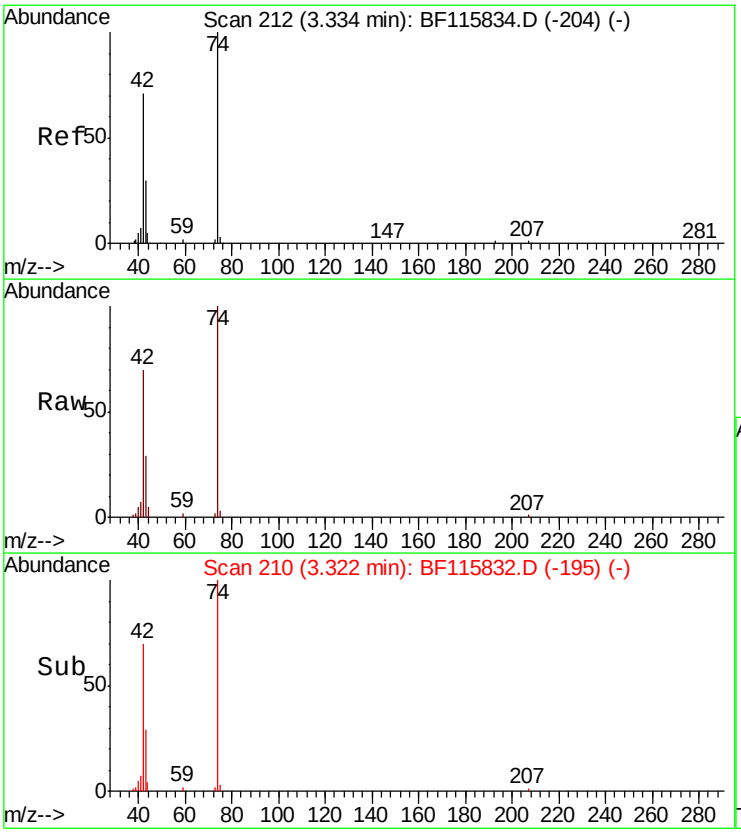
#3
Pyridine
Concen: 11.020 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 161117

Ion	Ratio	Lower	Upper
79	100		
52	60.9	48.6	73.0
51	31.9	25.3	37.9

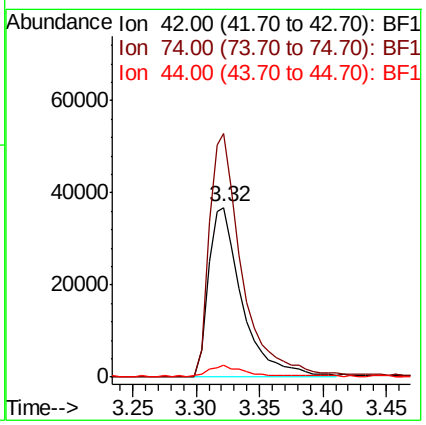


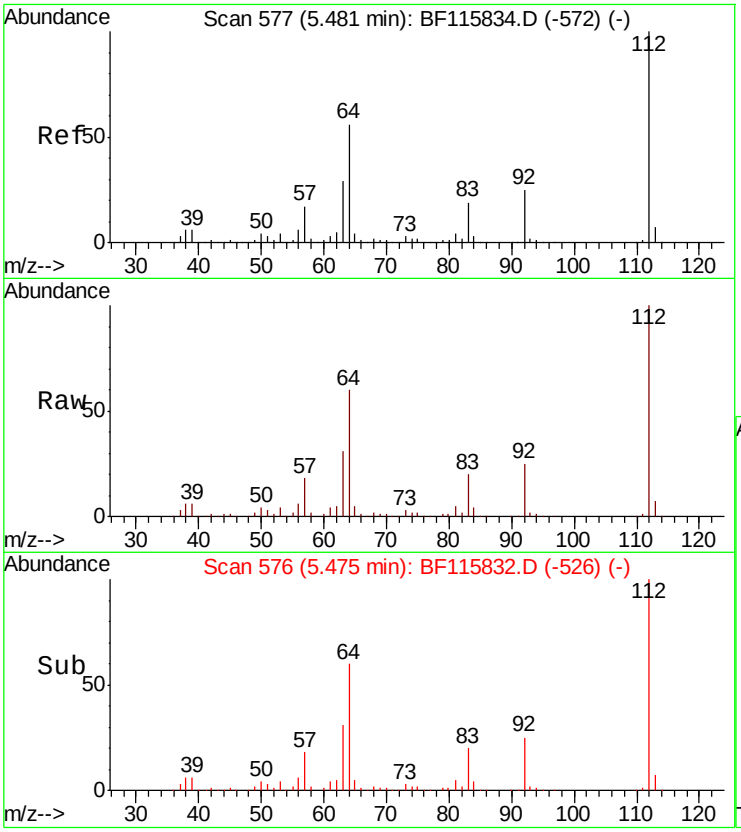


#4
n-Nitrosodimethylamine
Concen: 12.872 ng
RT: 3.32 min Scan# 210
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 42 Resp: 68268

Ion	Ratio	Lower	Upper
42	100		
74	143.3	113.0	169.6
44	6.8	5.4	8.0



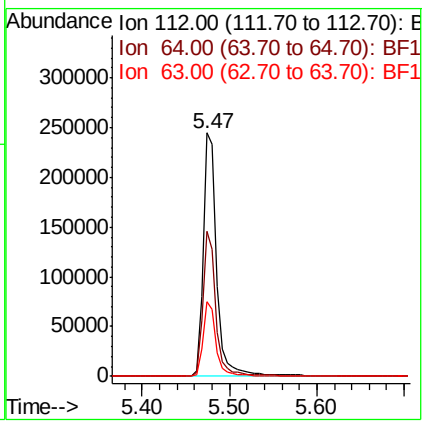


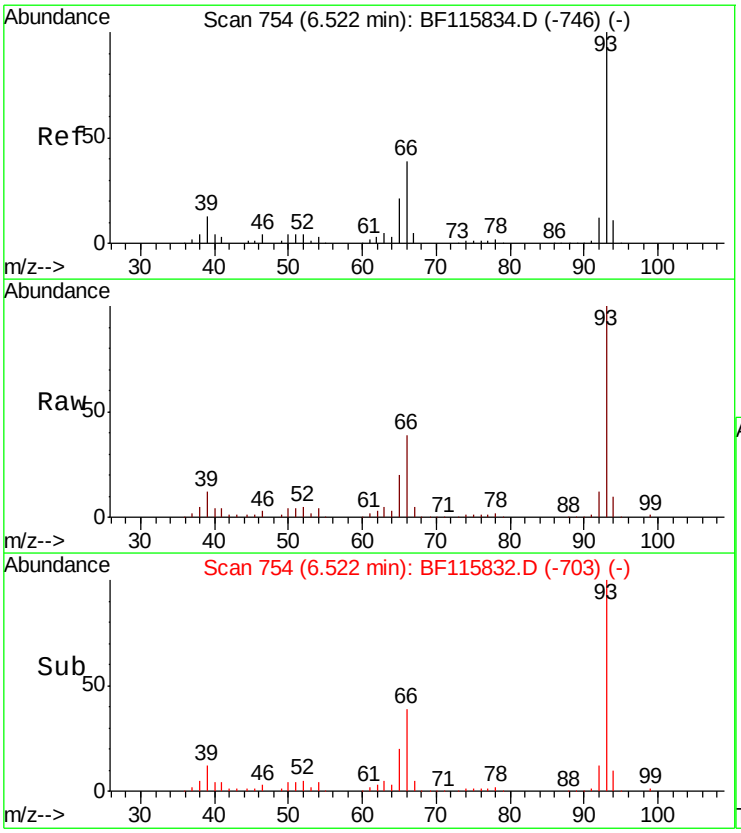
#5
2-Fluorophenol
Concen: 24.293 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 262426

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.9	67.3
63	30.5	23.4	35.0

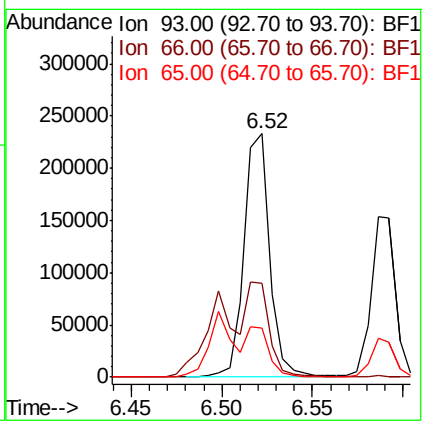


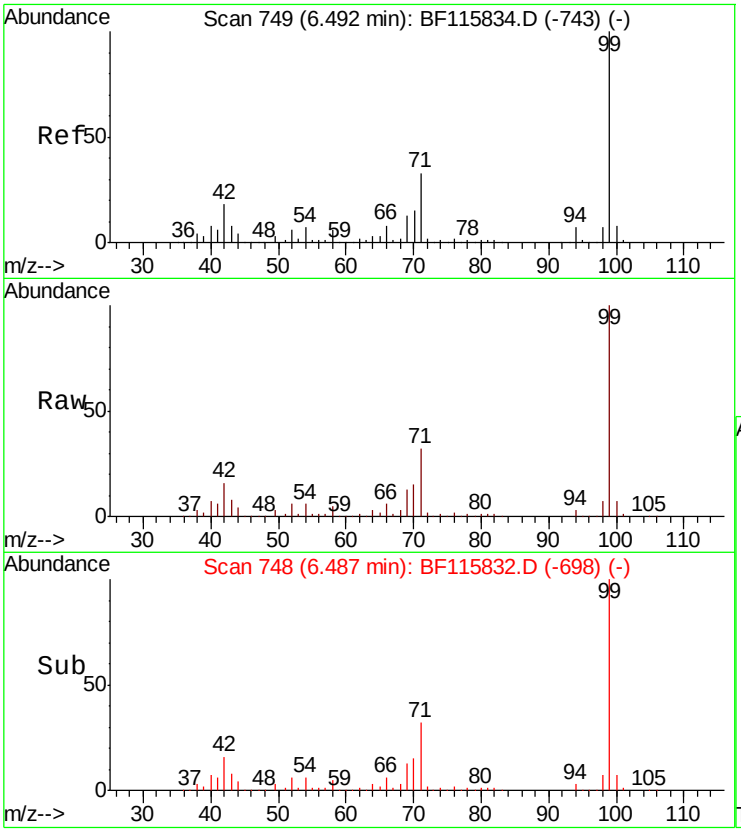


#6
Aniline
Concen: 12.059 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 93 Resp: 230044

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.9	47.9
65	20.0	17.0	25.6



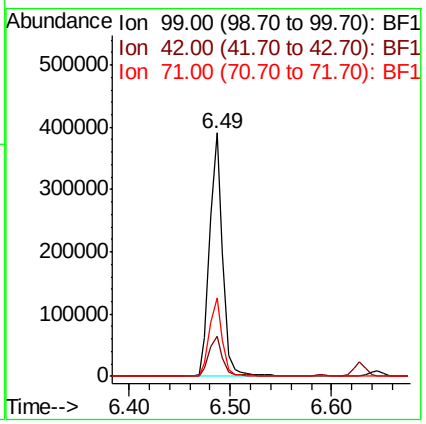


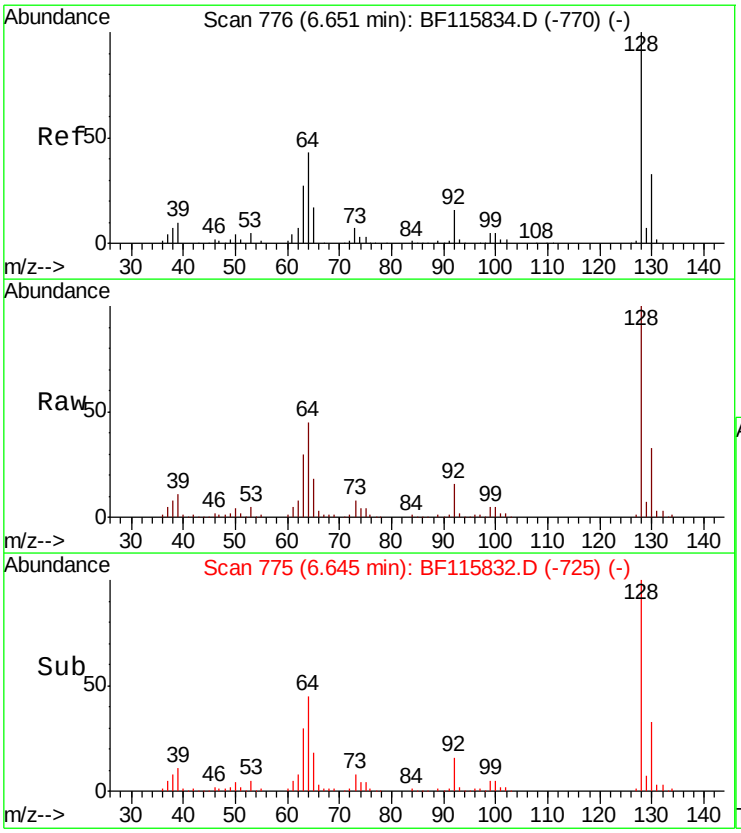
#7
Phenol-d6
Concen: 25.390 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 348031

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	32.0	26.4	39.6

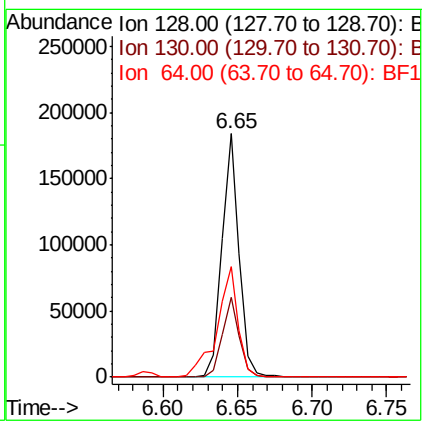


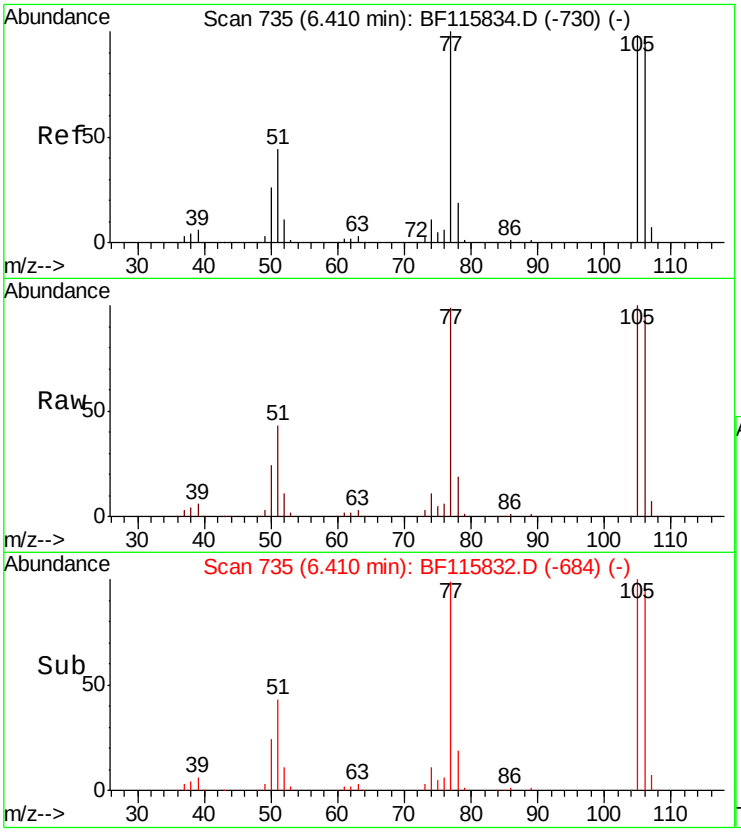


#8
2-Chlorophenol
Concen: 12.039 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:128 Resp: 149520

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.4	53.4
64	45.5	23.6	63.6



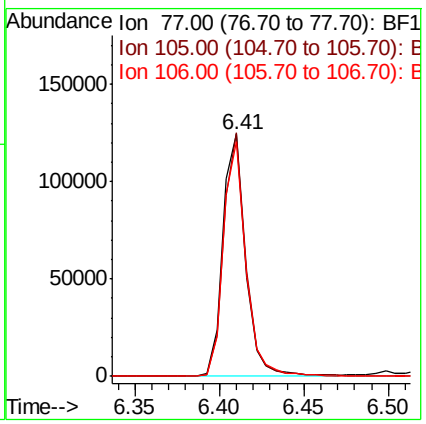


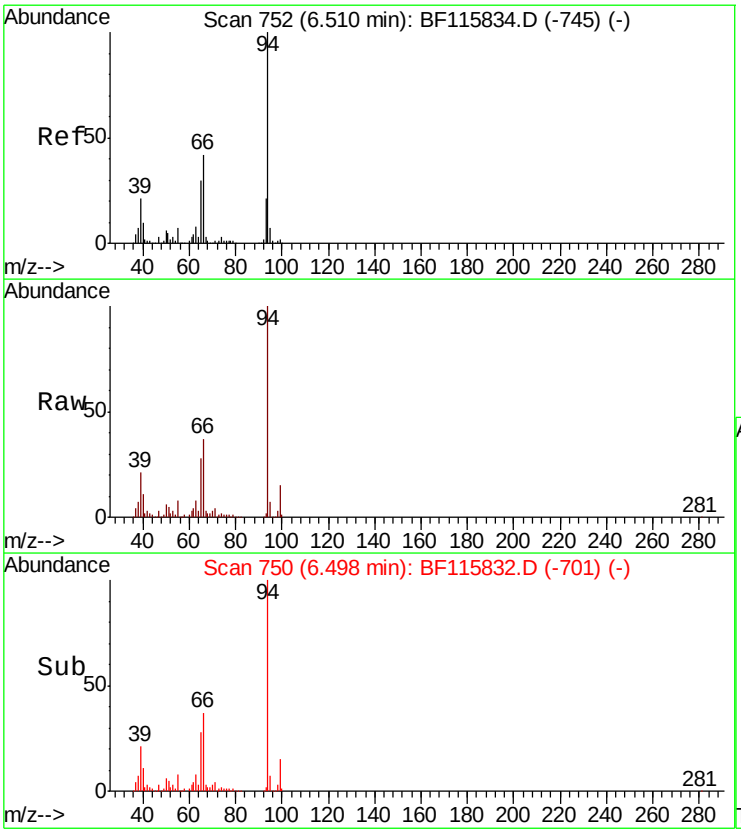
#9
Benzaldehyde
Concen: 13.595 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 116454

Ion	Ratio	Lower	Upper
77	100		
105	100.7	77.8	117.8
106	97.1	76.1	116.1

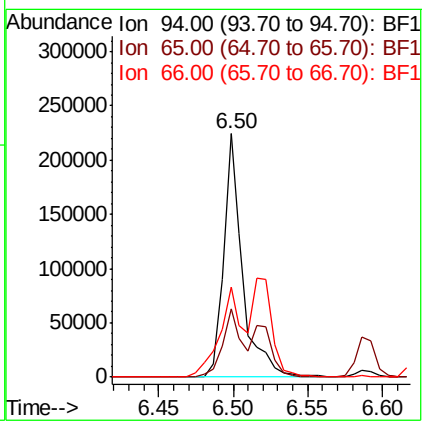


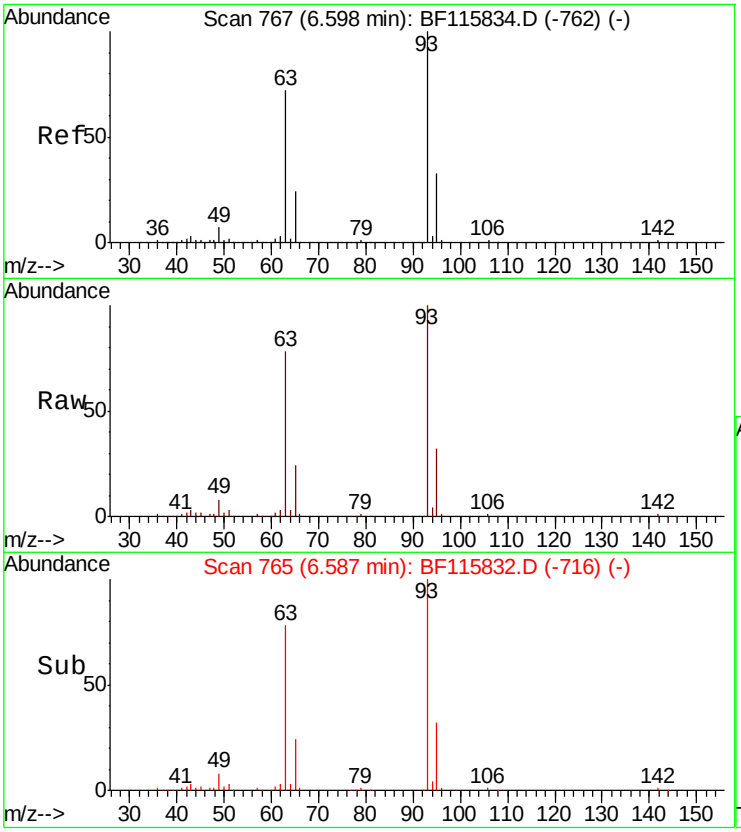


#10
Phenol
Concen: 12.665 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 94 Resp: 201525

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.7	49.7
66	36.8	21.5	61.5



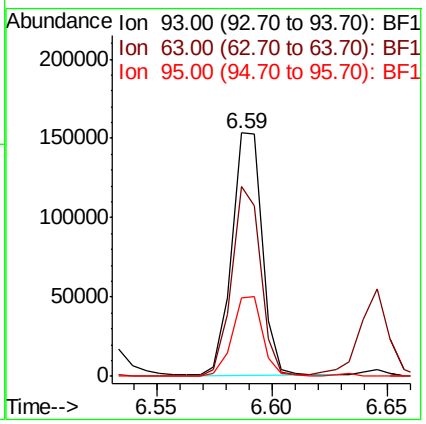


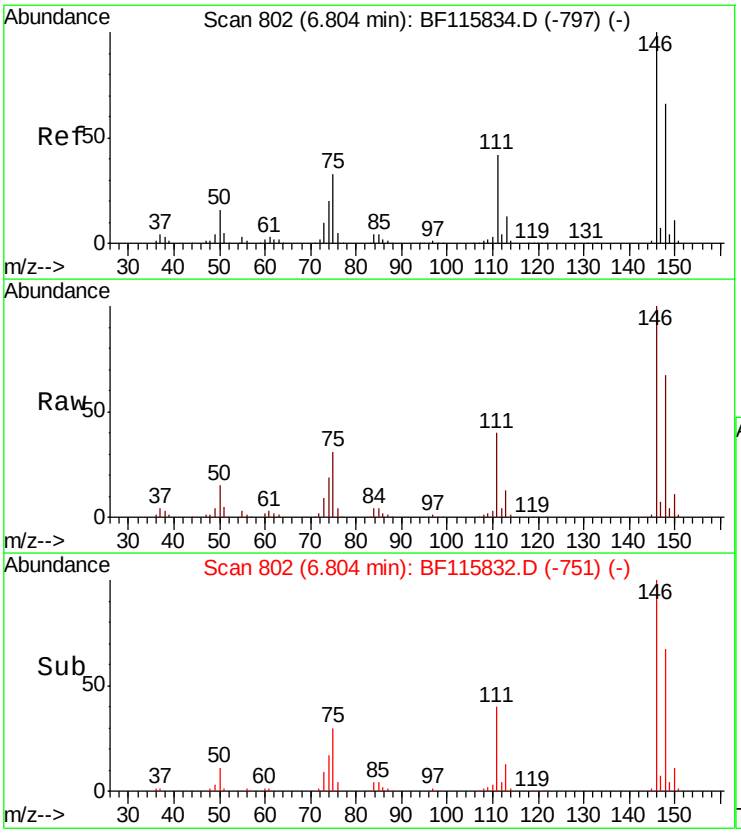
#11
bis(2-Chloroethyl)ether
Concen: 11.606 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 140607

Ion	Ratio	Lower	Upper
93	100		
63	78.0	51.9	91.9
95	32.0	12.7	52.7

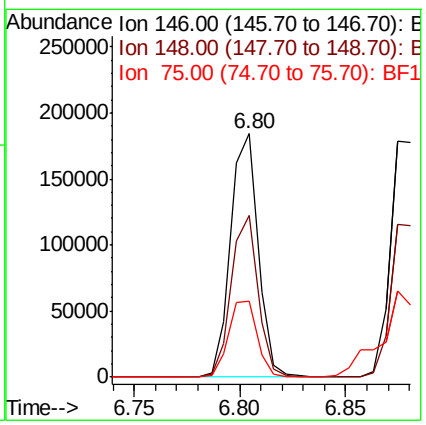


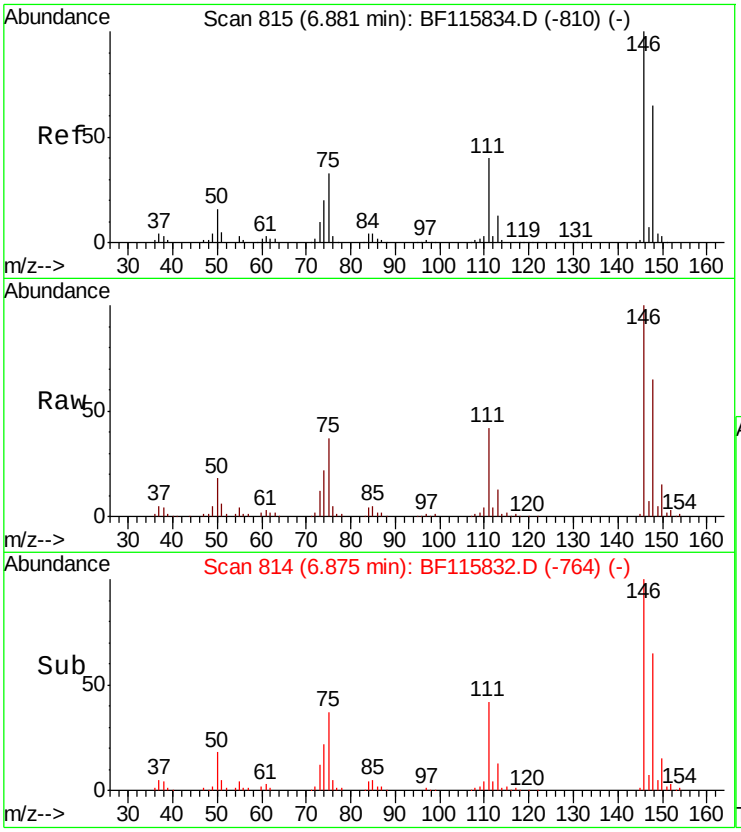


#12
1,3-Dichlorobenzene
Concen: 11.862 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:146 Resp: 165642

Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.5	78.7
75	31.1	26.5	39.7



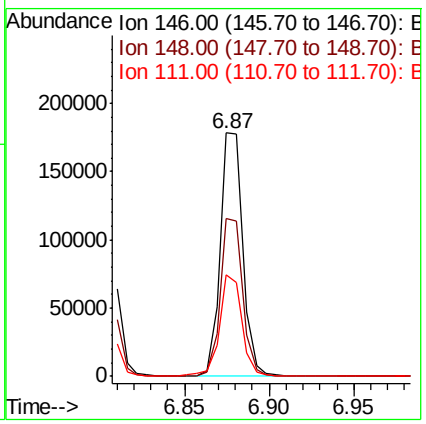


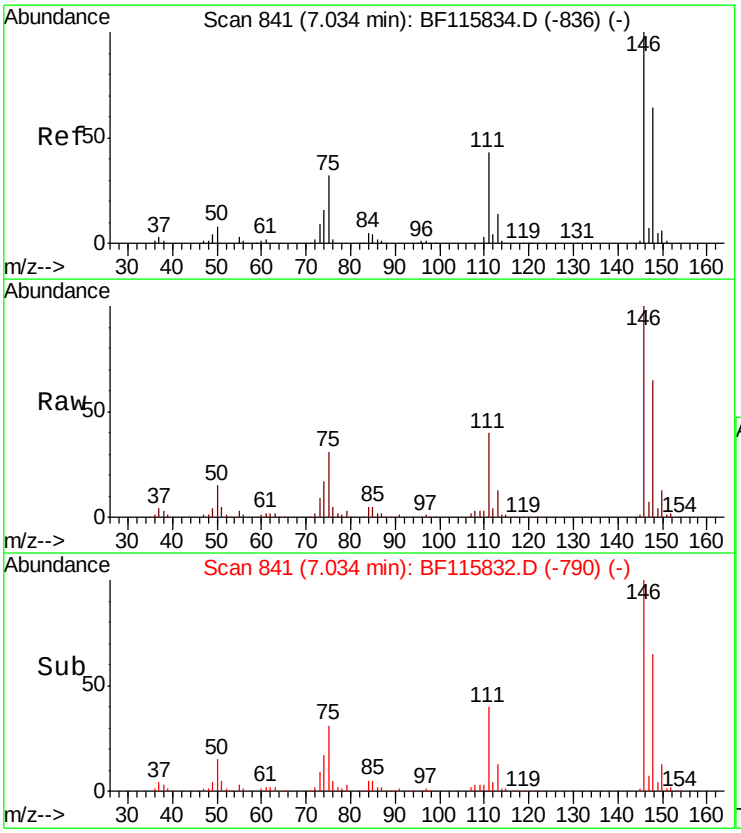
#13
1,4-Dichlorobenzene
Concen: 11.970 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 166781

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	41.6	31.9	47.9

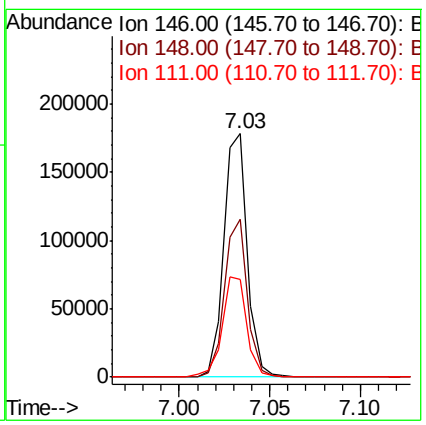


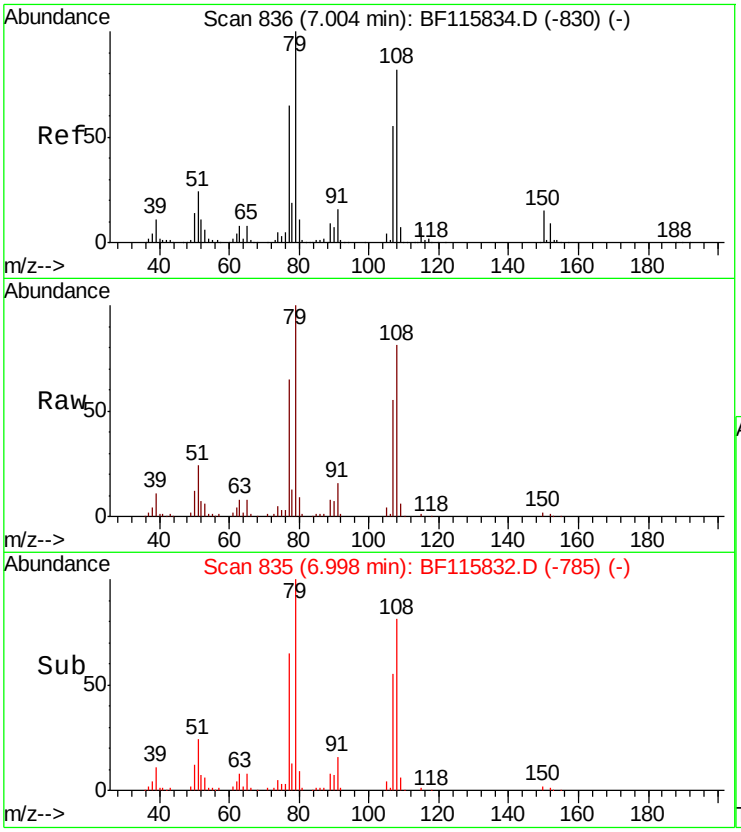


#14
1,2-Dichlorobenzene
Concen: 12.577 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:146 Resp: 160181

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
111	40.2	34.4	51.6



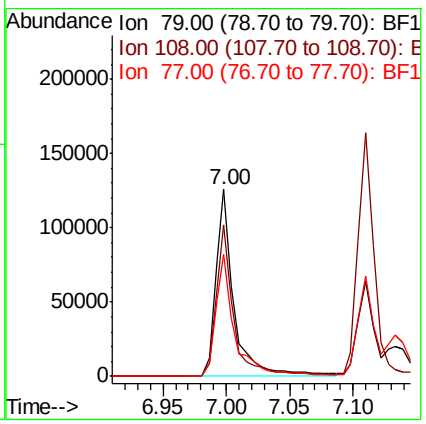


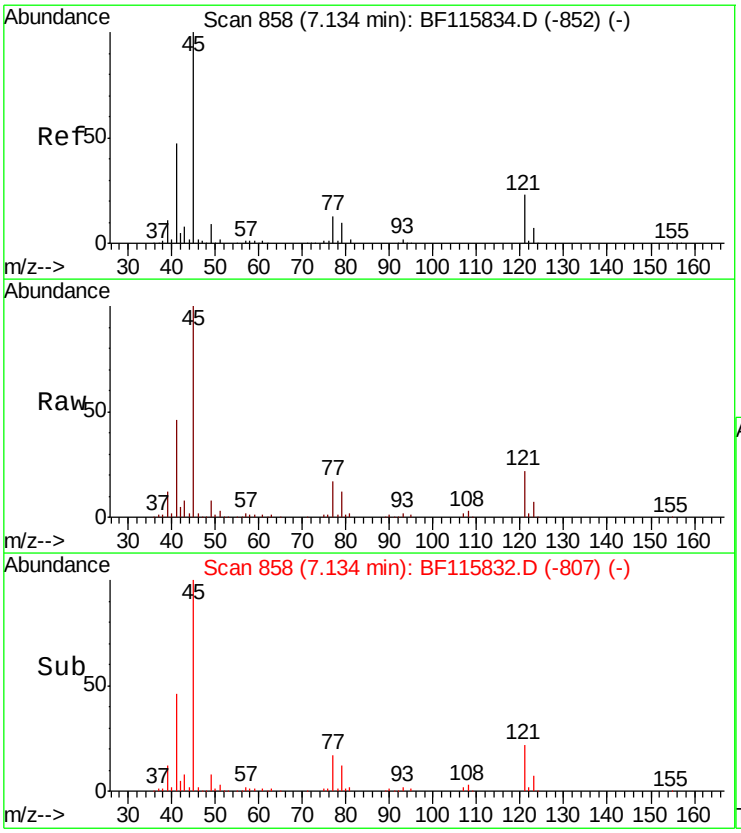
#15
Benzyl Alcohol
Concen: 11.714 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 127378

Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.4	98.2
77	65.0	52.2	78.2

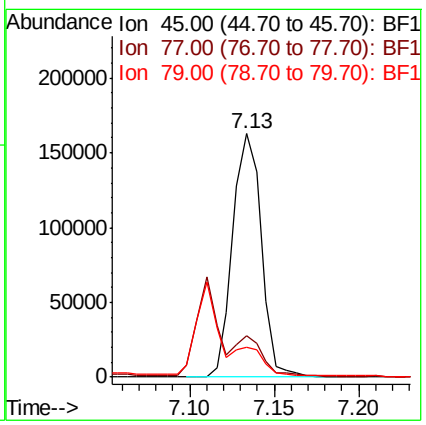


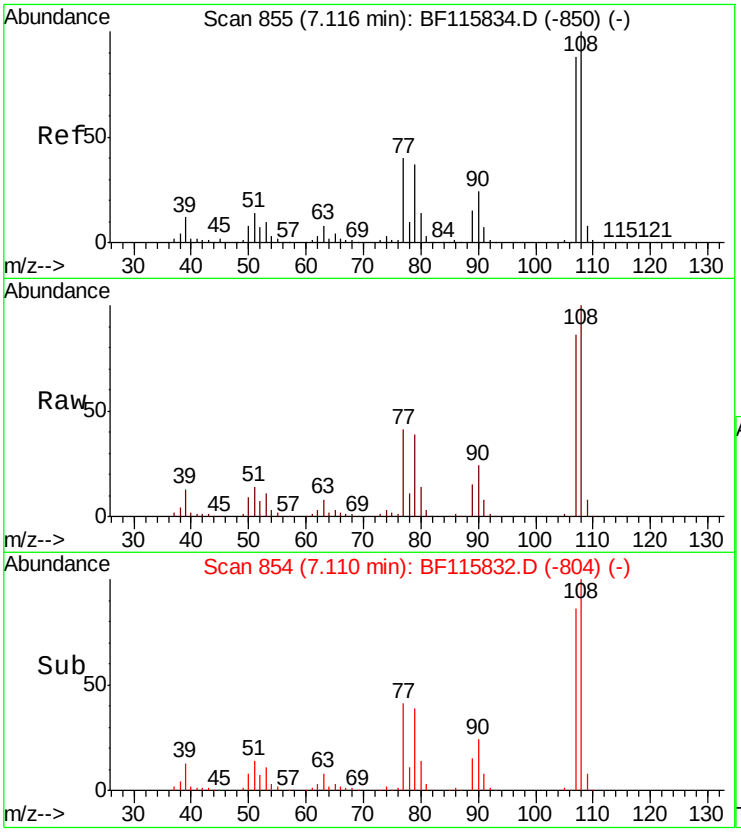


#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.072 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 45 Resp: 192544

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.5
79	12.3	0.0	32.7



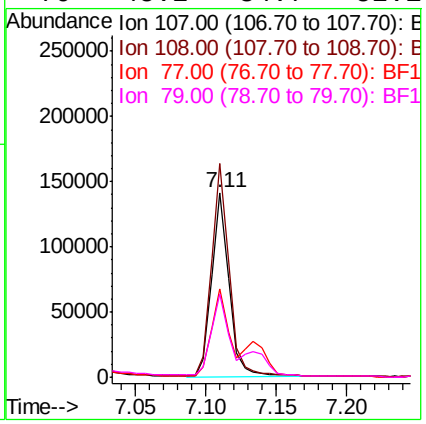


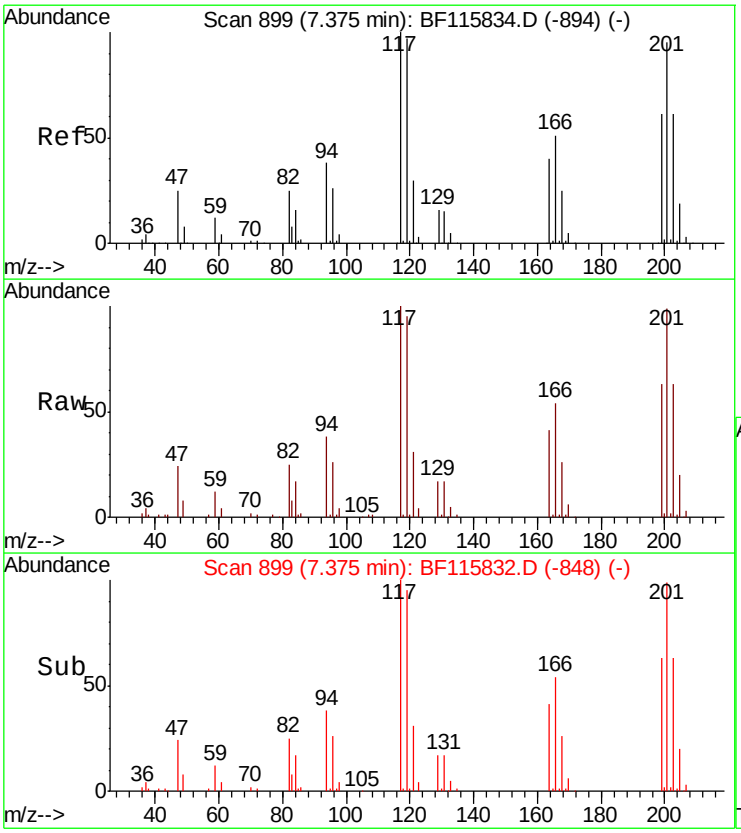
#17
2-Methylphenol
Concen: 11.382 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 121829

Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.4	137.2
77	47.6	36.6	54.8
79	45.2	34.7	52.1

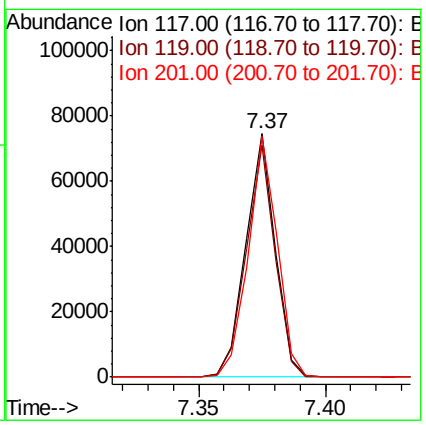


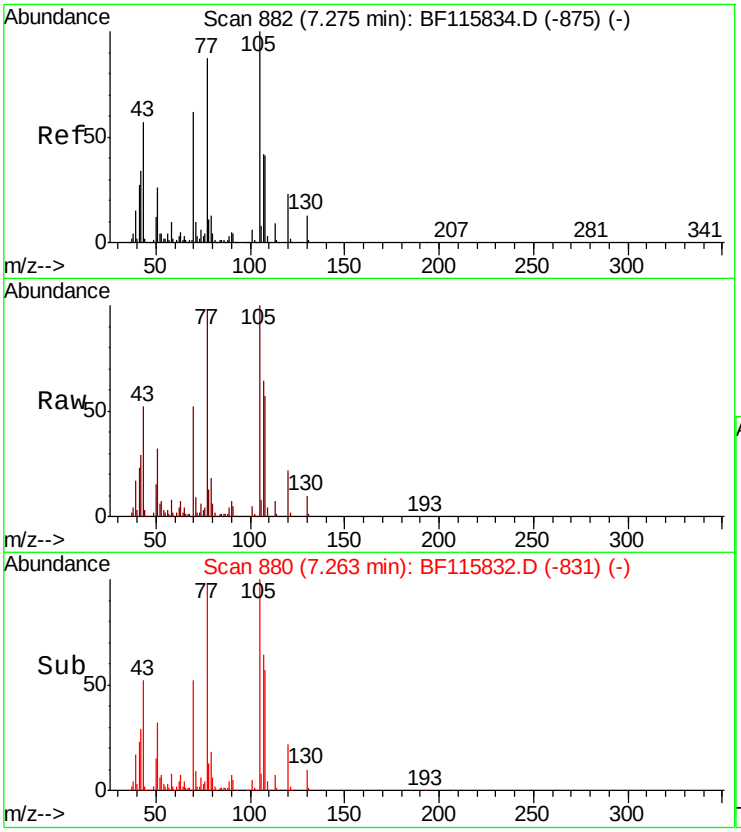


#18
Hexachloroethane
Concen: 11.615 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:117 Resp: 60067

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	98.9	75.9	113.9



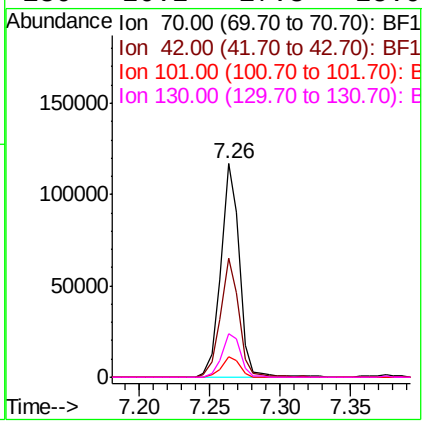


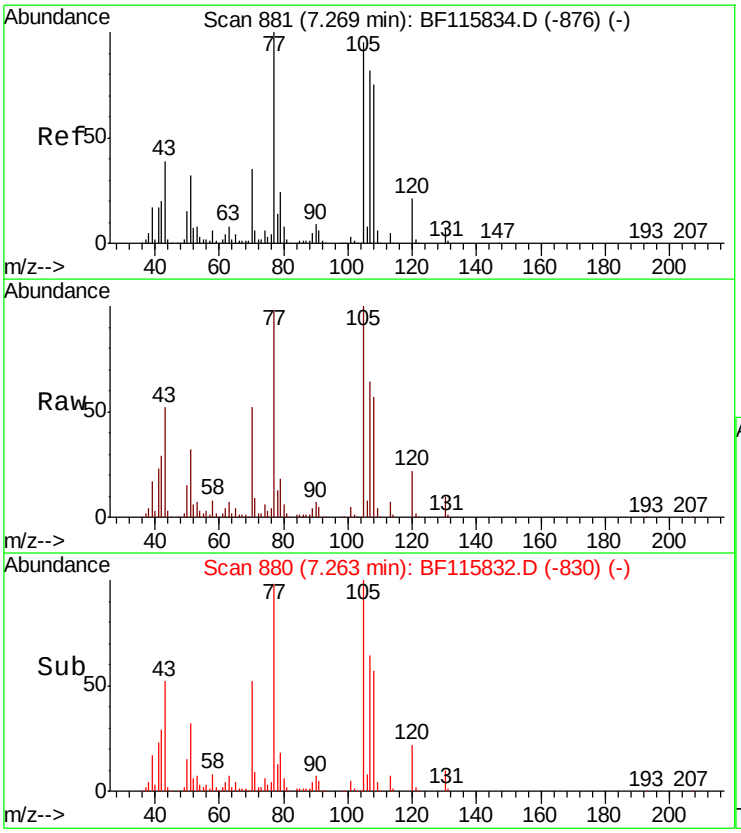
#19
n-Nitroso-di-n-propylamine
Concen: 11.993 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 107214

Ion	Ratio	Lower	Upper
70	100		
42	55.8	43.4	65.0
101	9.5	7.9	11.9
130	20.2	17.3	25.9

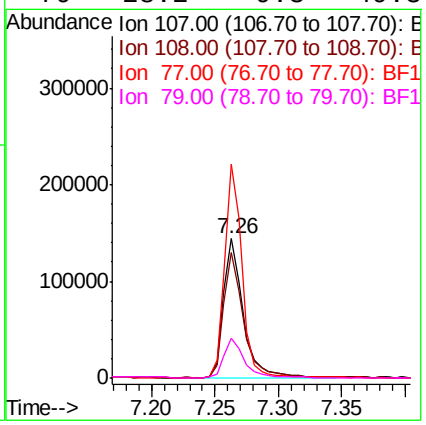


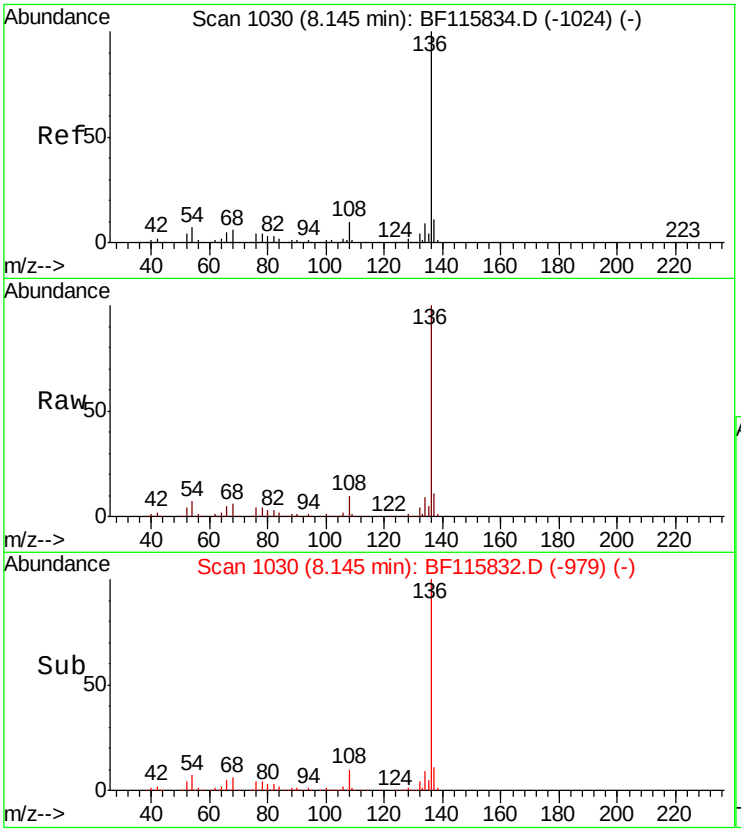


#20
3+4-Methylphenols
Concen: 12.239 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:107 Resp: 155600

Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.2	111.2
77	153.5	102.2	142.2#
79	28.2	9.3	49.3



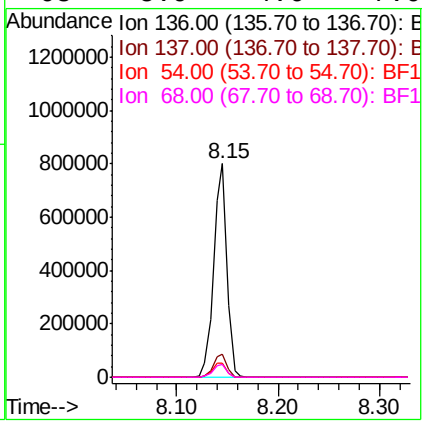


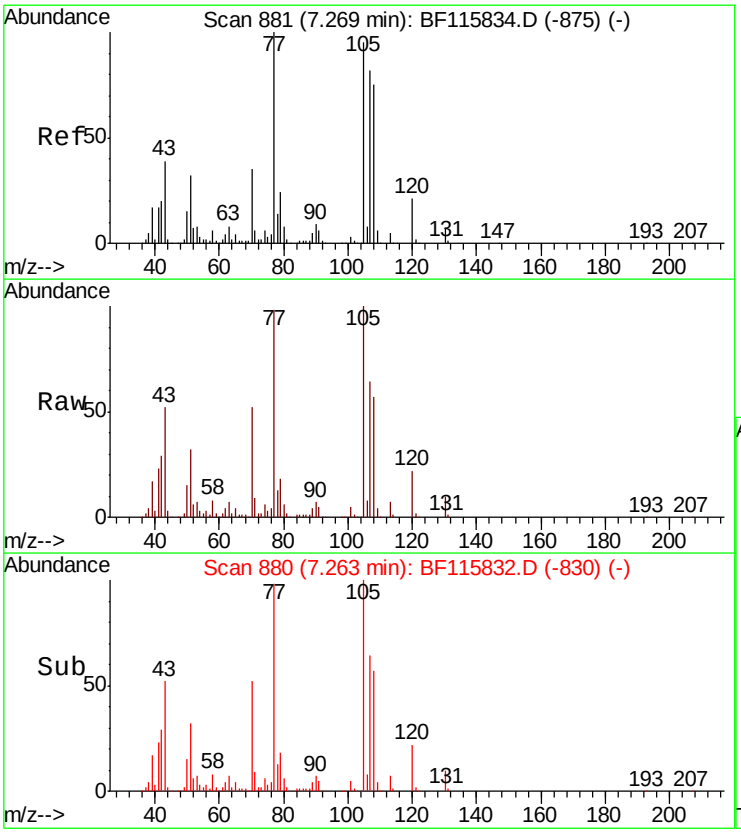
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 723350

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.4	8.2
68	5.9	4.6	7.0

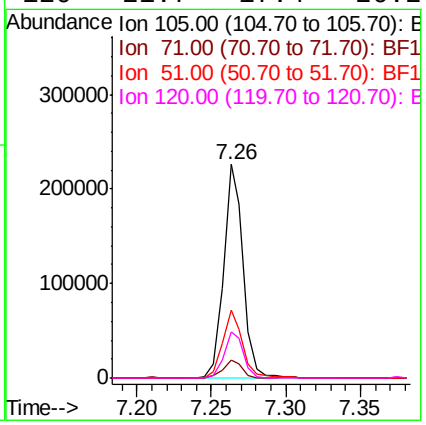


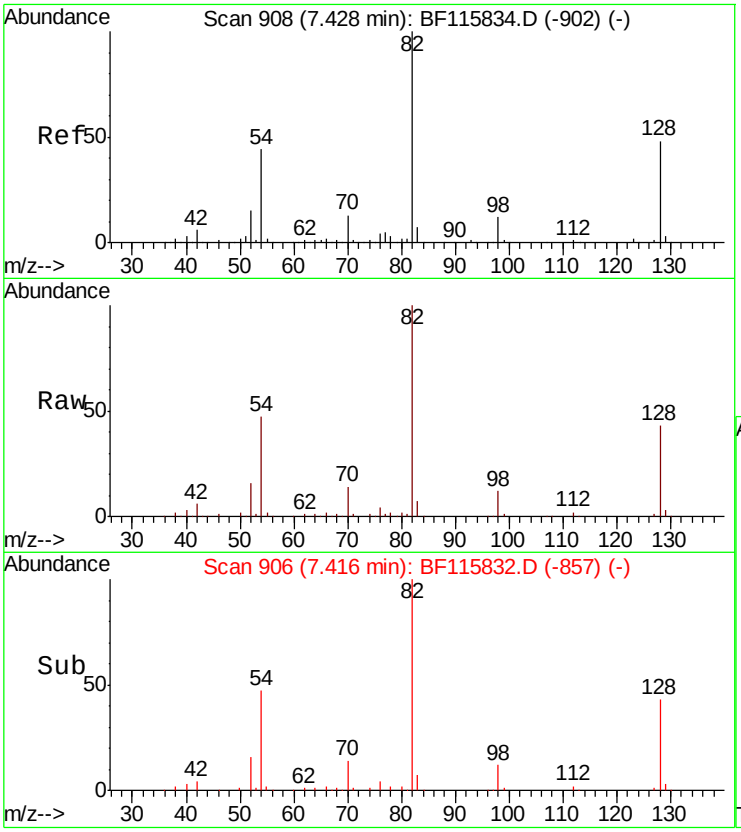


#22
Acetophenone
Concen: 12.714 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:105 Resp: 207763

Ion	Ratio	Lower	Upper
105	100		
71	8.7	5.0	7.6#
51	31.6	27.0	40.6
120	21.7	17.4	26.2



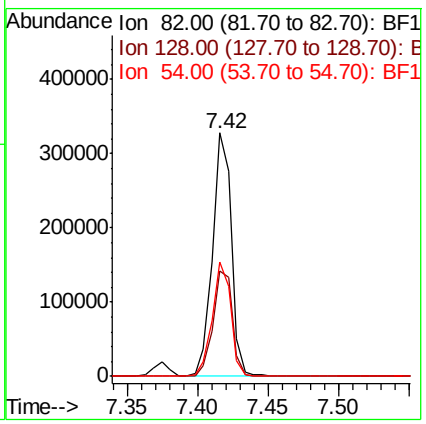


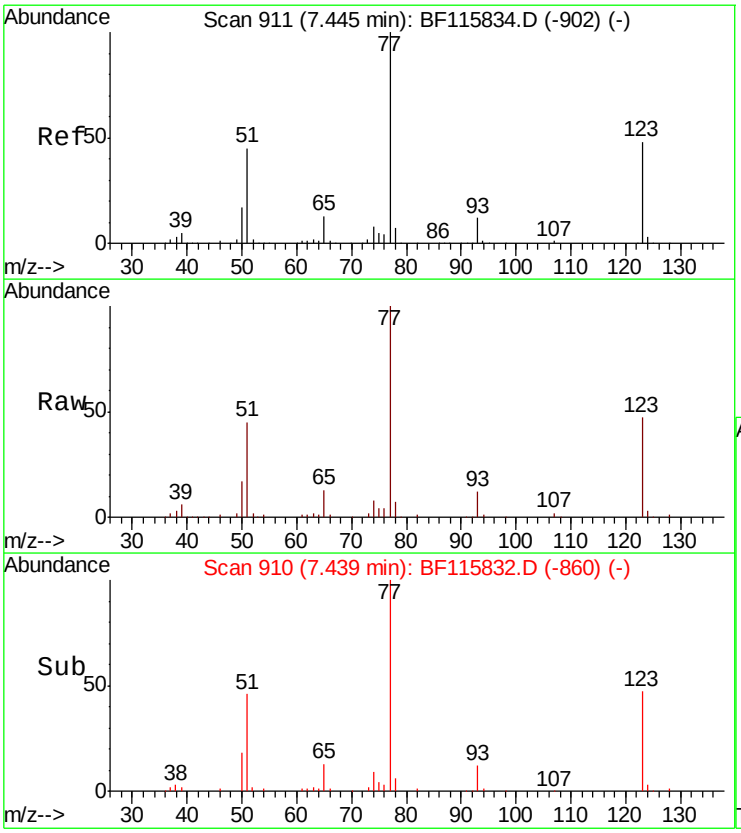
#23
Nitrobenzene-d5
Concen: 24.571 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 305670

Ion	Ratio	Lower	Upper
82	100		
128	43.0	38.0	57.0
54	46.9	35.4	53.0

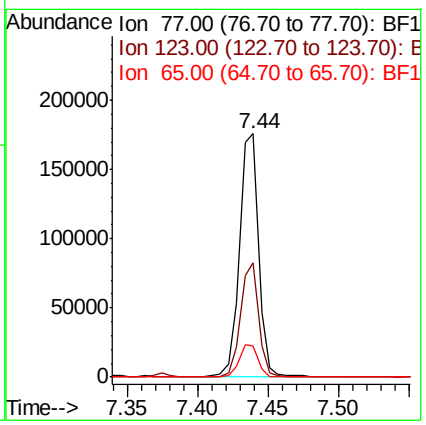


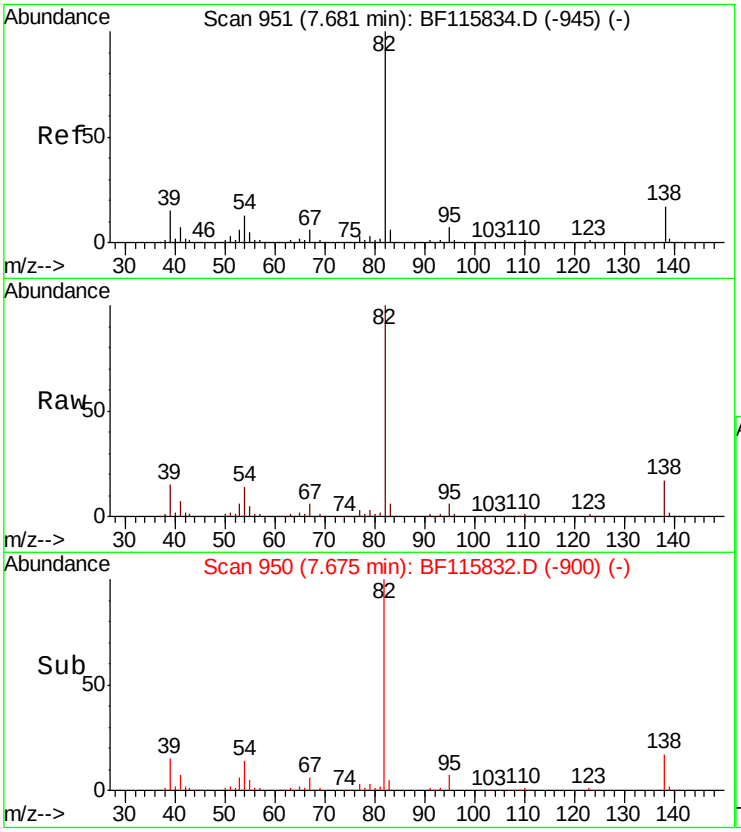


#24
Nitrobenzene
Concen: 12.256 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 77 Resp: 164441

Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.2	57.2
65	12.6	10.7	16.1



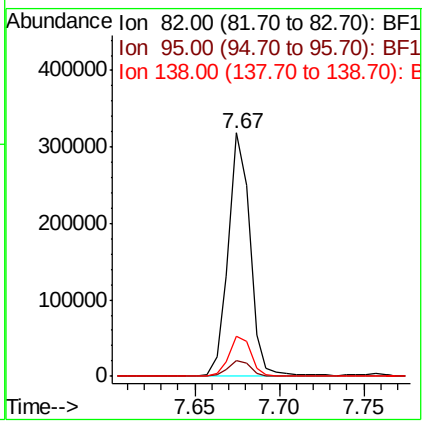


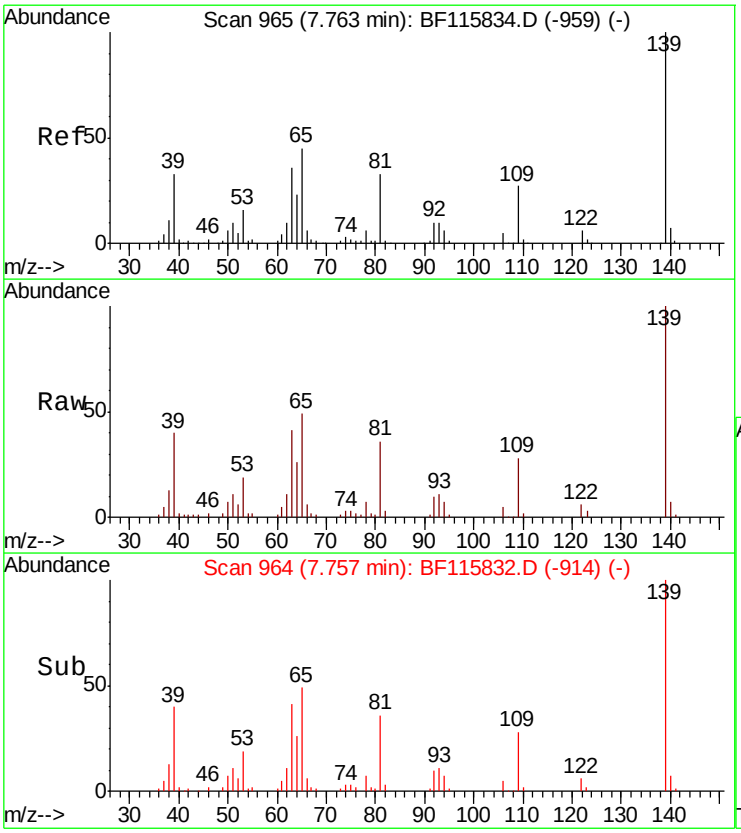
#25
Isophorone
Concen: 11.465 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 285403

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.4	8.0
138	16.7	13.8	20.6

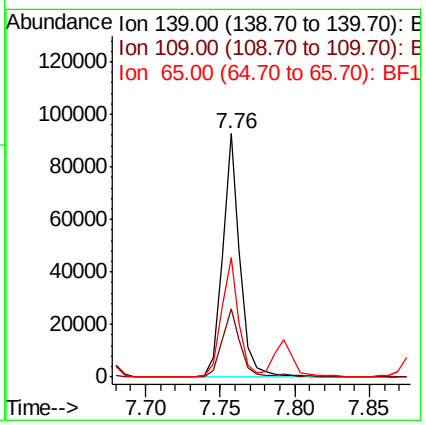


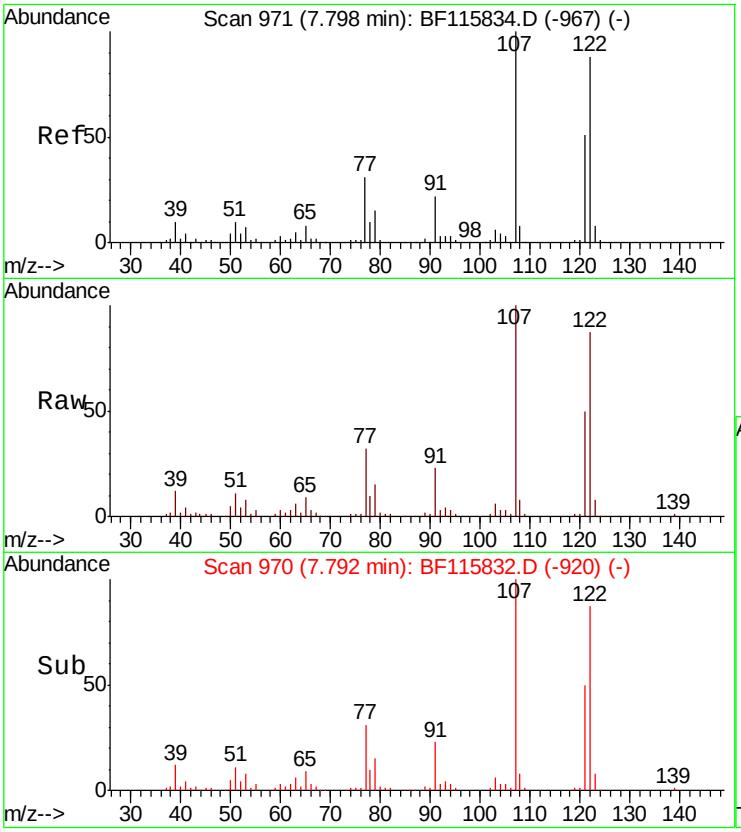


#26
2-Nitrophenol
Concen: 10.980 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:139 Resp: 75833

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.0	33.0
65	49.0	35.7	53.5



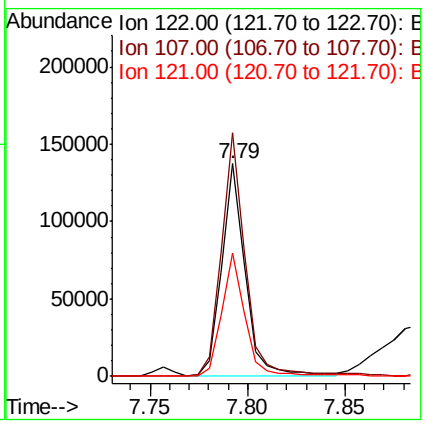


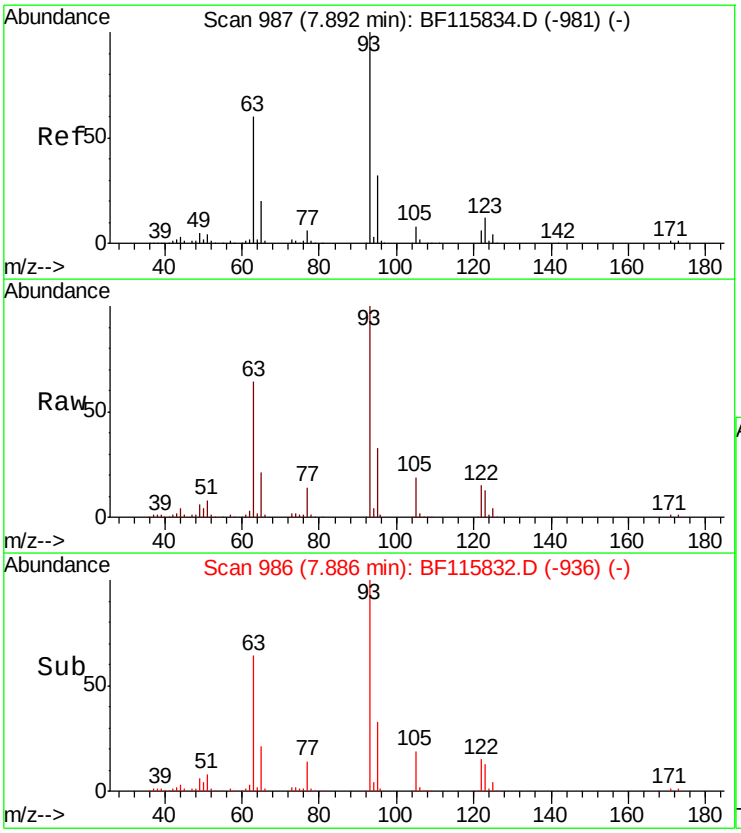
#27
2,4-Dimethylphenol
Concen: 11.132 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 115034

Ion	Ratio	Lower	Upper
122	100		
107	114.6	90.6	135.8
121	57.8	46.2	69.4

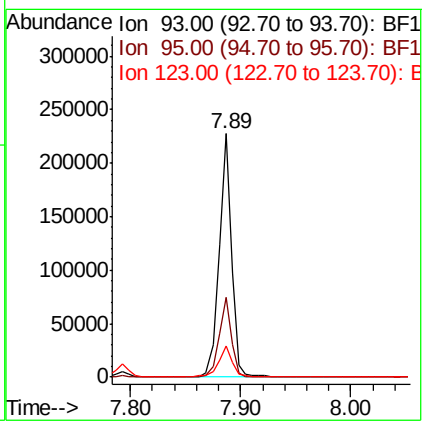


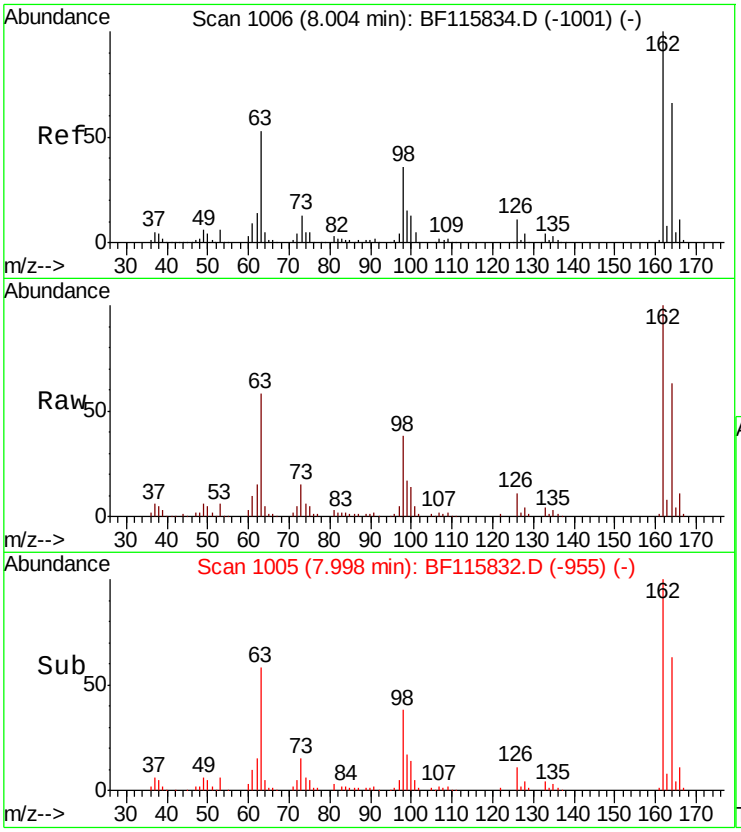


#28
bis(2-Chloroethoxy)methane
Concen: 11.704 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 93 Resp: 178730

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	12.8	10.0	15.0



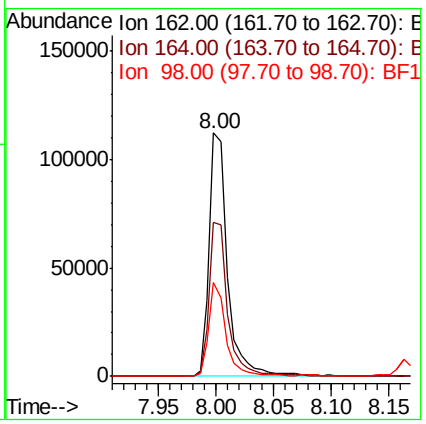


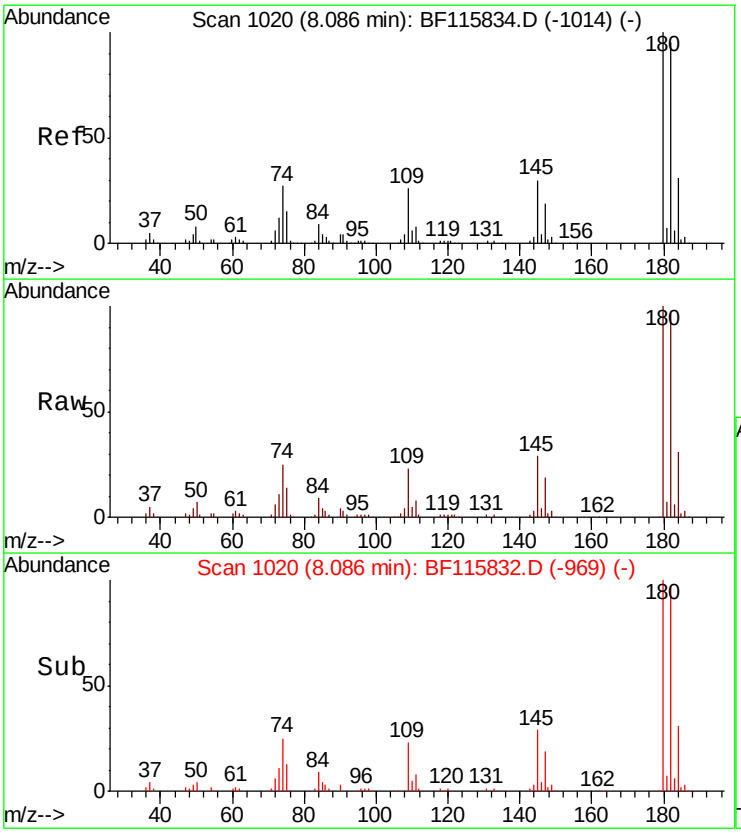
#29
2,4-Dichlorophenol
Concen: 11.642 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 125112

Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.0	86.0
98	38.5	16.1	56.1

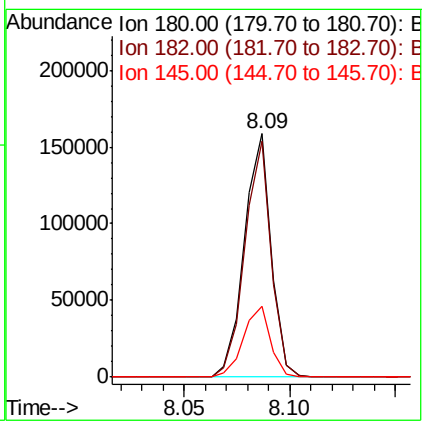


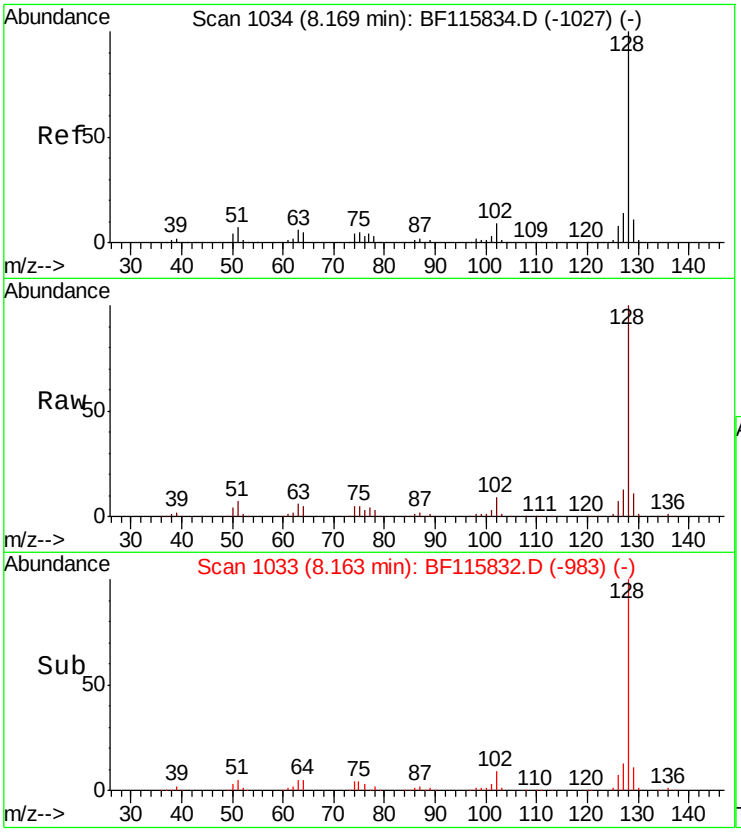


#30
1,2,4-Trichlorobenzene
Concen: 11.529 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:180 Resp: 140054

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	29.1	24.2	36.2



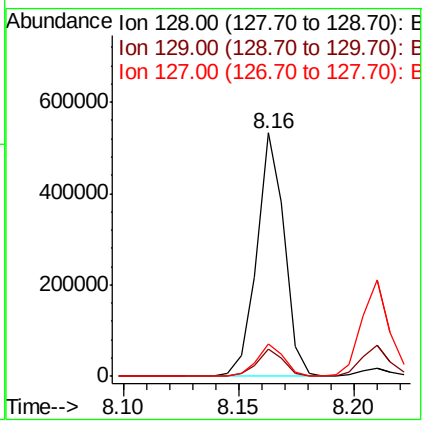


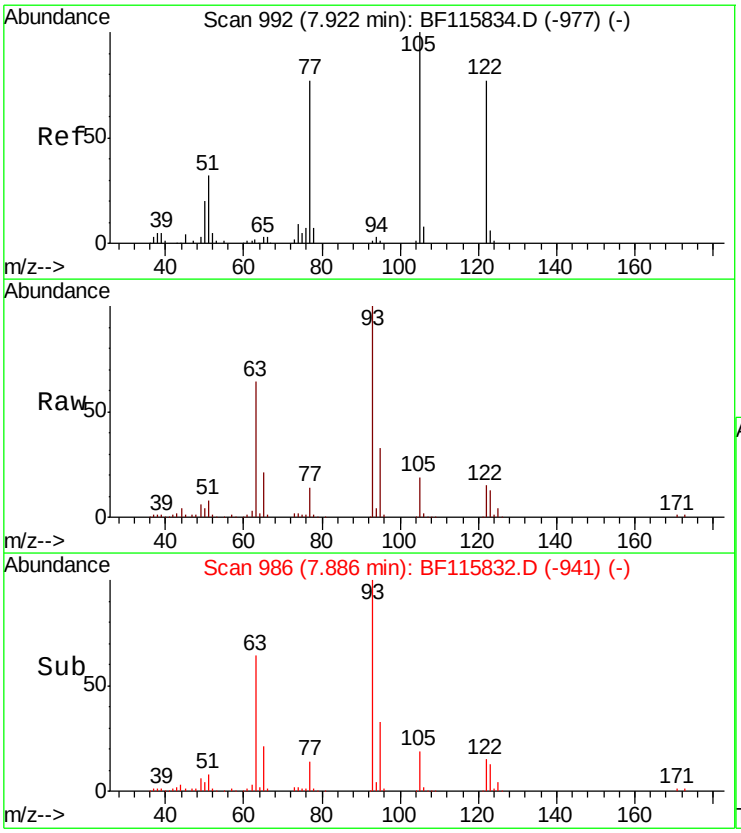
#31
Naphthalene
Concen: 12.703 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 445027

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	11.0	16.6

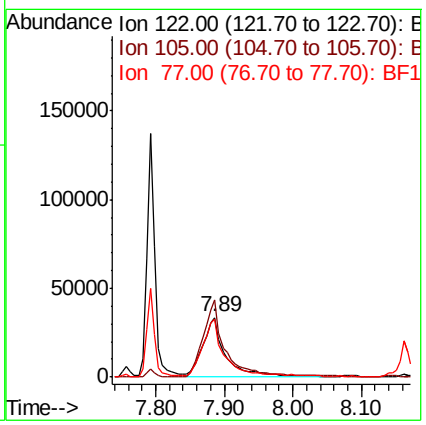


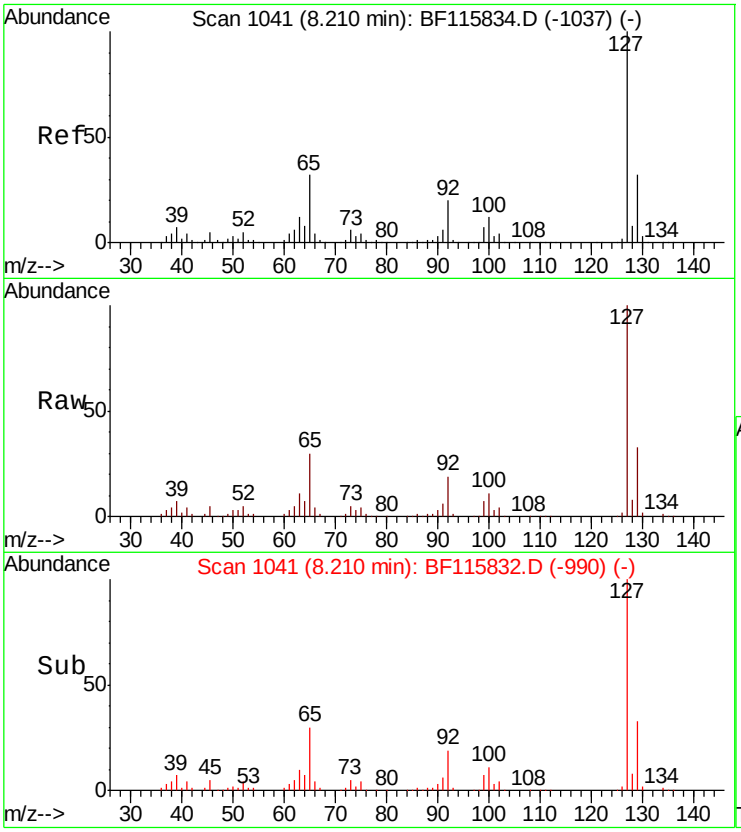


#32
Benzoic acid
Concen: 9.142 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:122 Resp: 77532

Ion	Ratio	Lower	Upper
122	100		
105	129.5	103.8	143.8
77	96.8	76.8	116.8



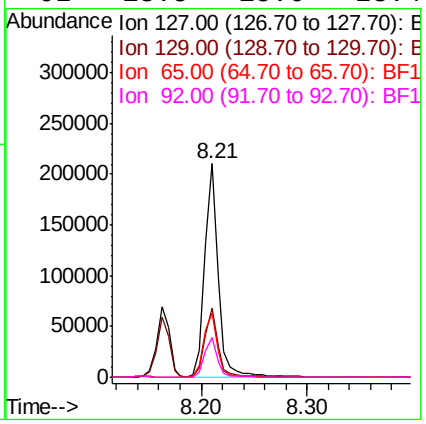


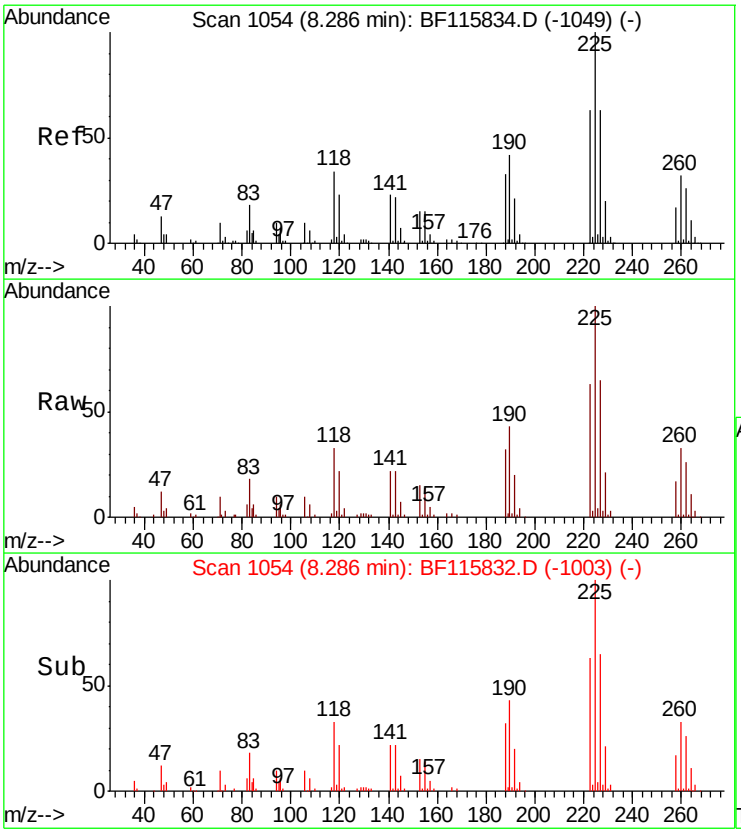
#33
4-Chloroaniline
Concen: 12.090 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 187607

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	30.0	25.4	38.0
92	18.5	15.6	23.4

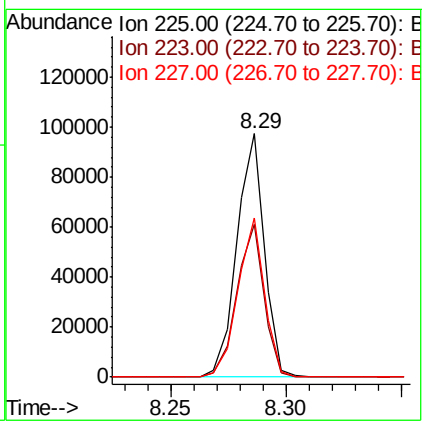


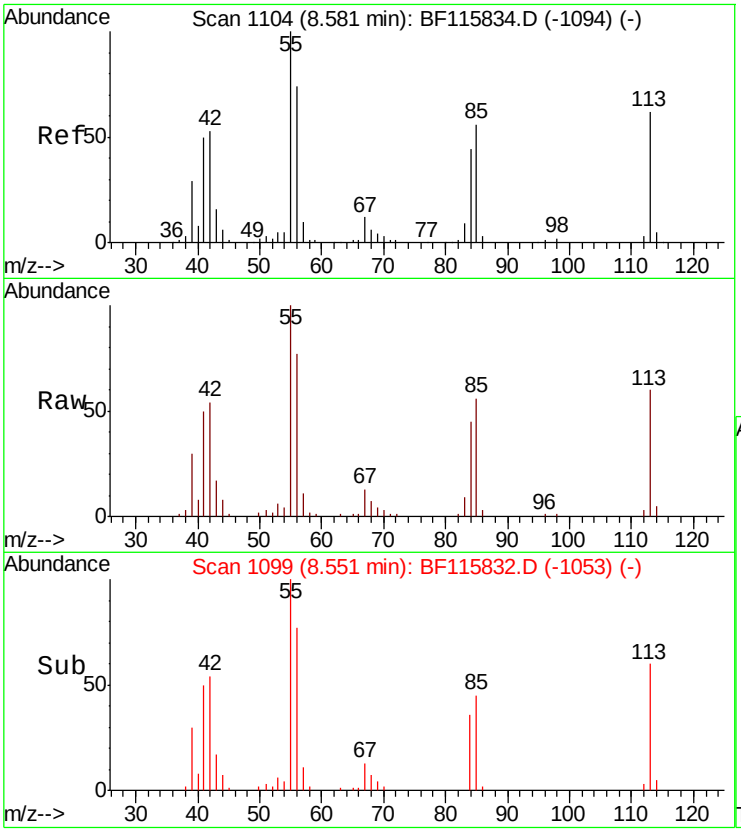


#34
Hexachlorobutadiene
Concen: 11.578 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:225 Resp: 80657

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.4
227	65.3	50.2	75.4



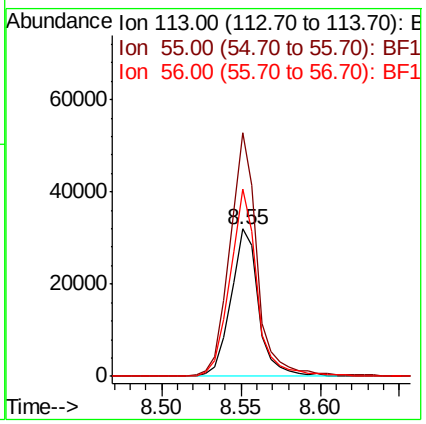


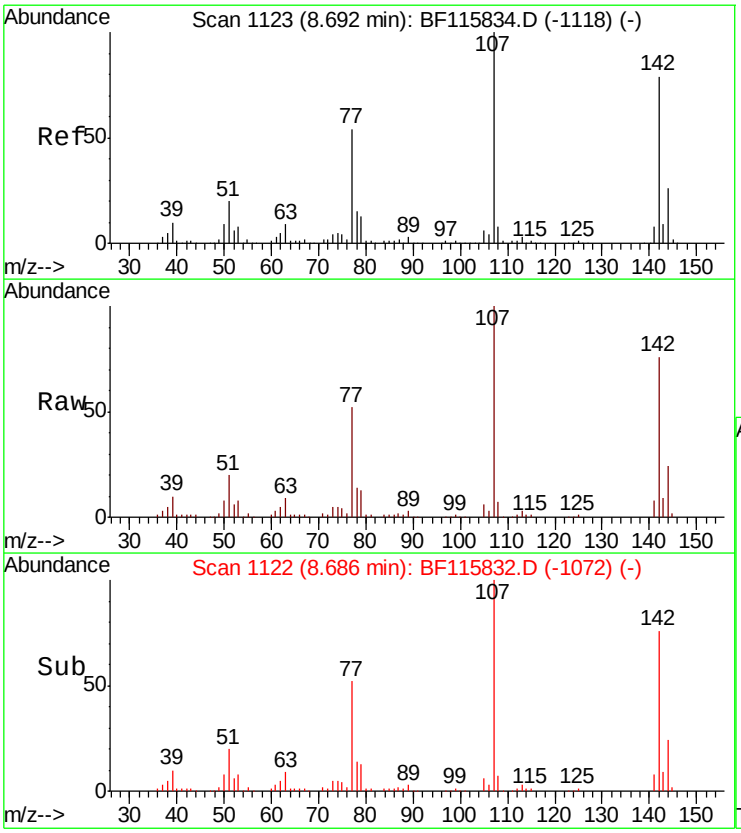
#35
Caprolactam
Concen: 11.605 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 38538

Ion	Ratio	Lower	Upper
113	100		
55	165.5	141.2	181.2
56	127.1	100.0	140.0

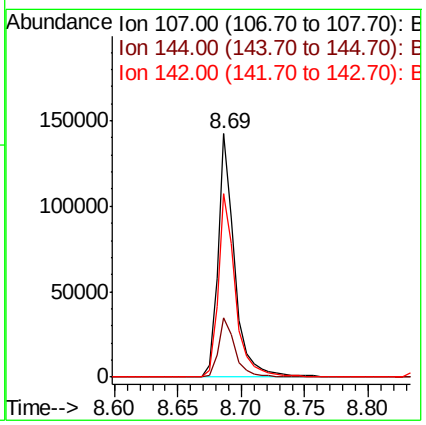


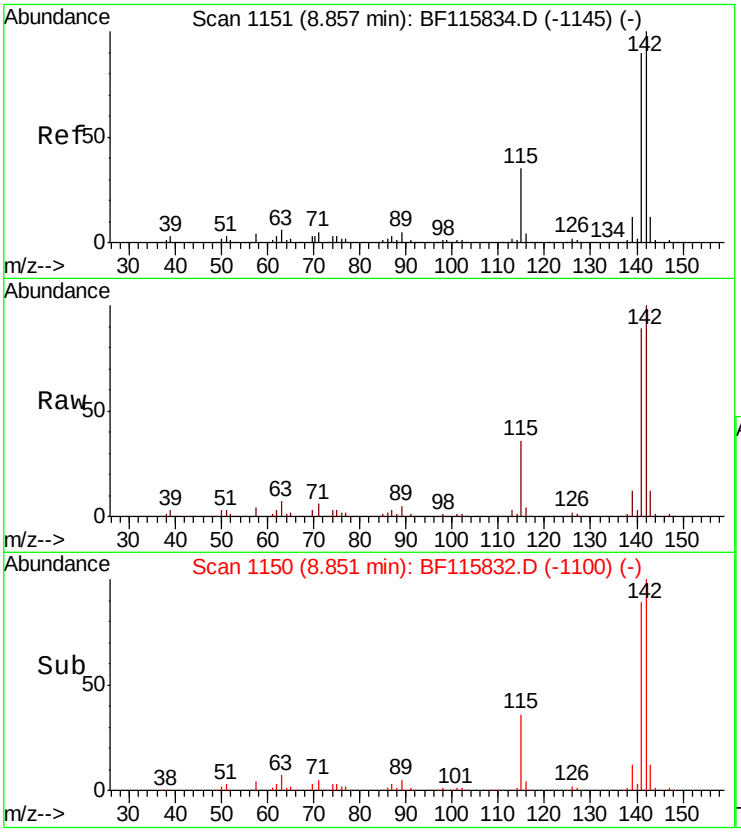


#36
4-Chloro-3-methylphenol
Concen: 11.760 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:107 Resp: 131094

Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.4	30.6
142	75.6	63.4	95.0



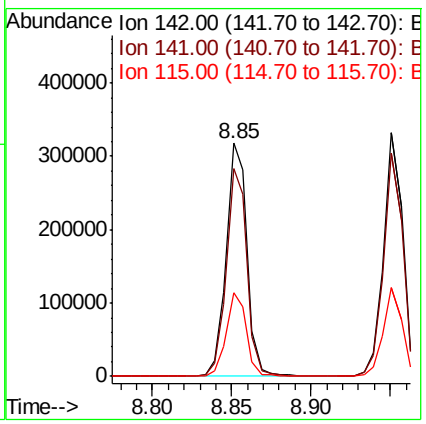


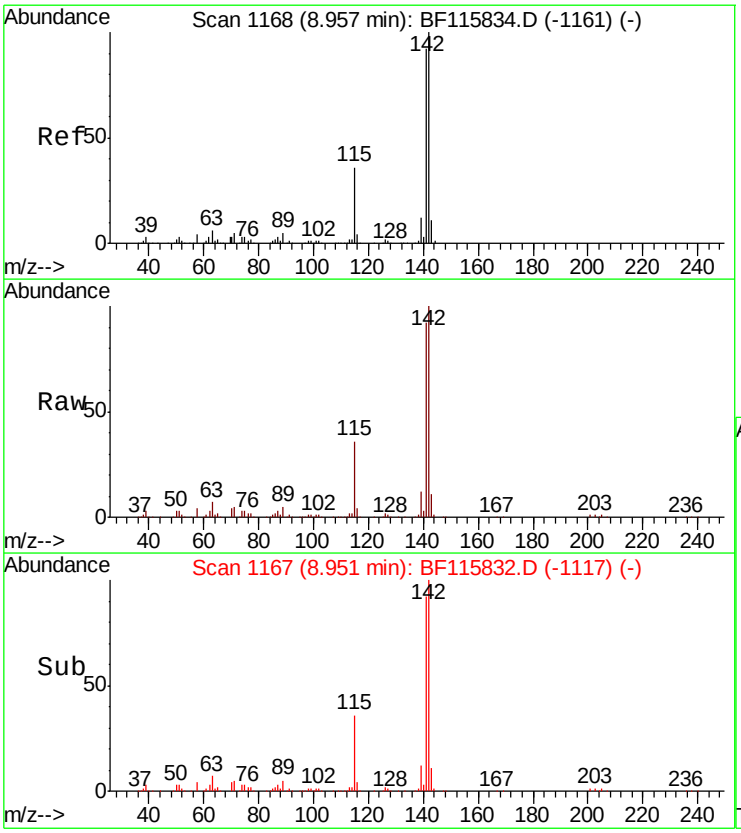
#37
2-Methylnaphthalene
Concen: 12.447 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 289047

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	35.9	27.9	41.9

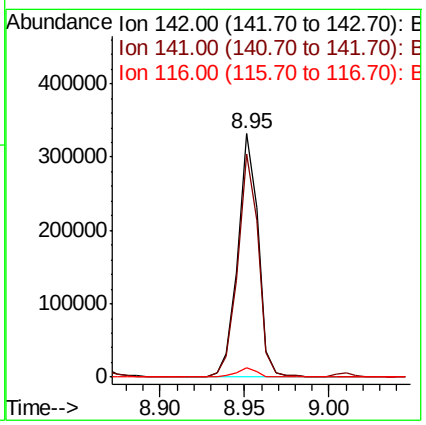


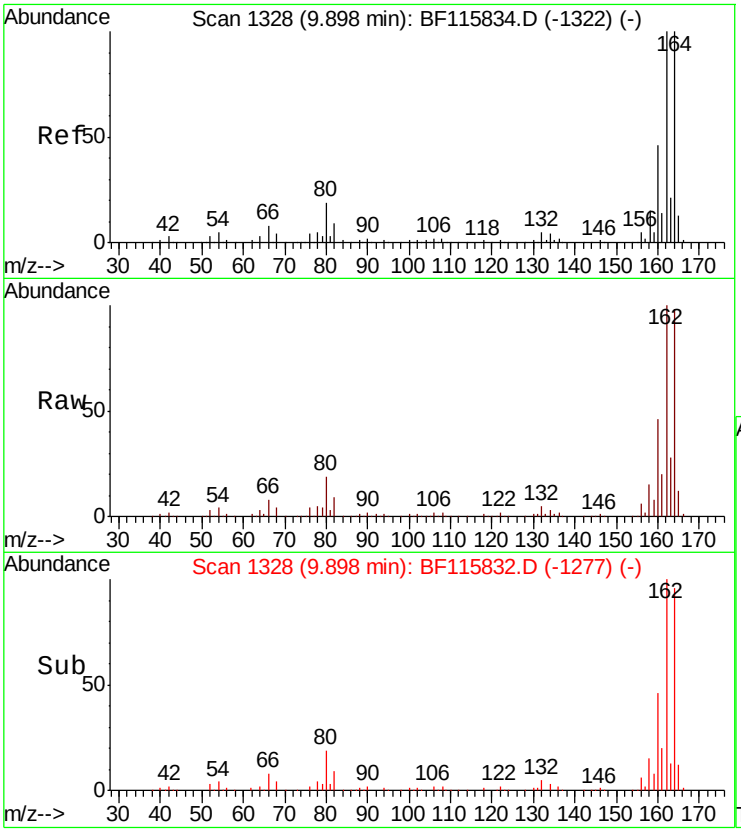


#38
1-Methylnaphthalene
Concen: 12.595 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:142 Resp: 277799

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.8	3.0	4.4



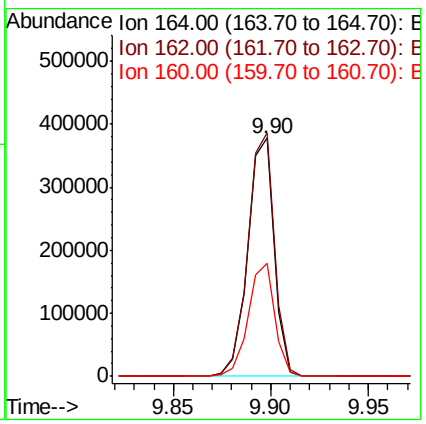


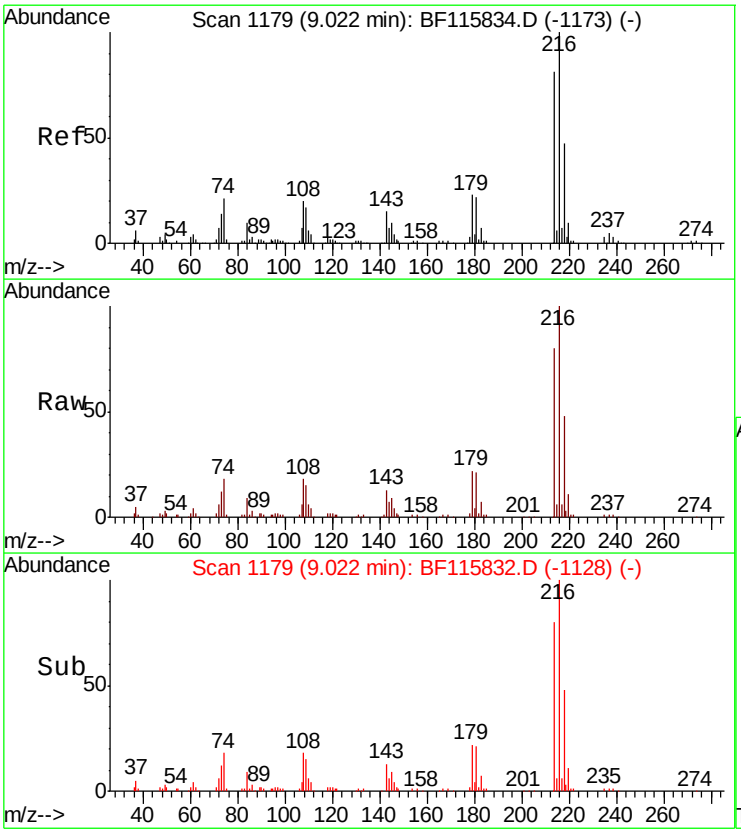
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 353341

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.3	120.5
160	47.4	36.9	55.3

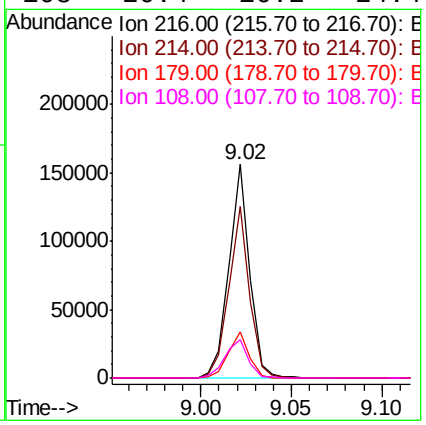


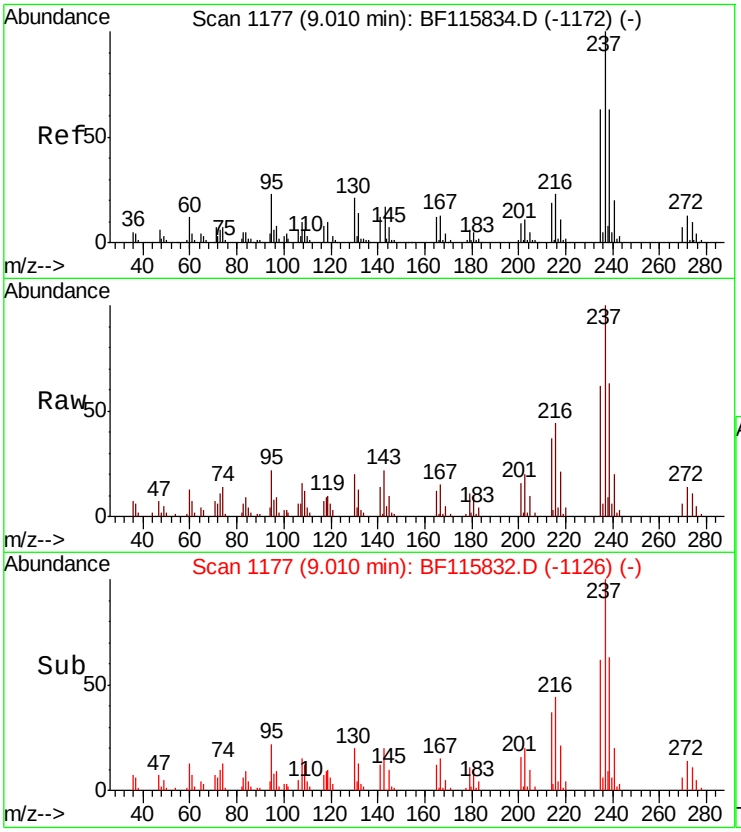


#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.726 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:216 Resp: 124765

Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.0	96.0
179	21.6	17.8	26.8
108	20.4	16.2	24.4



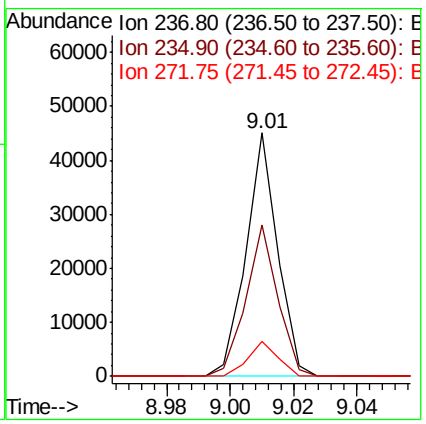


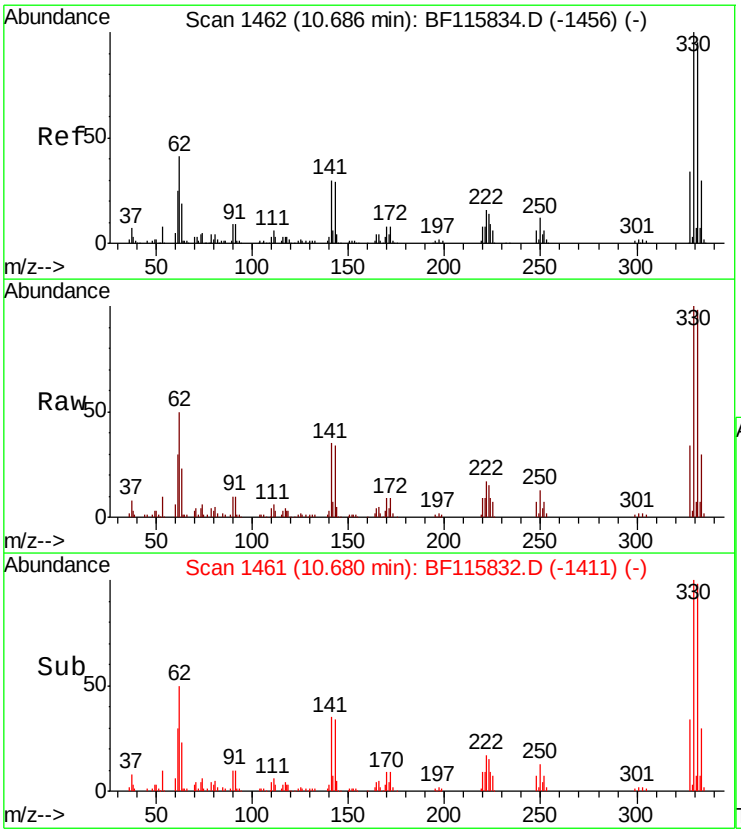
#41
Hexachlorocyclopentadiene
Concen: 5.156 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 31297

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.7	82.7
272	14.2	0.0	32.8

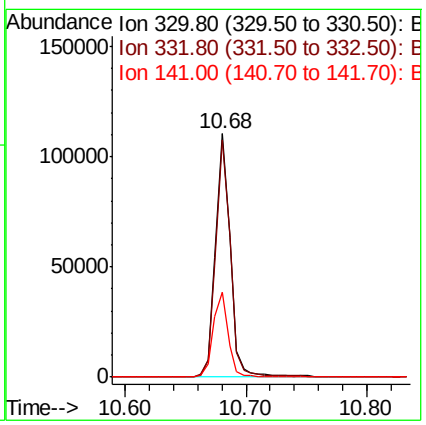


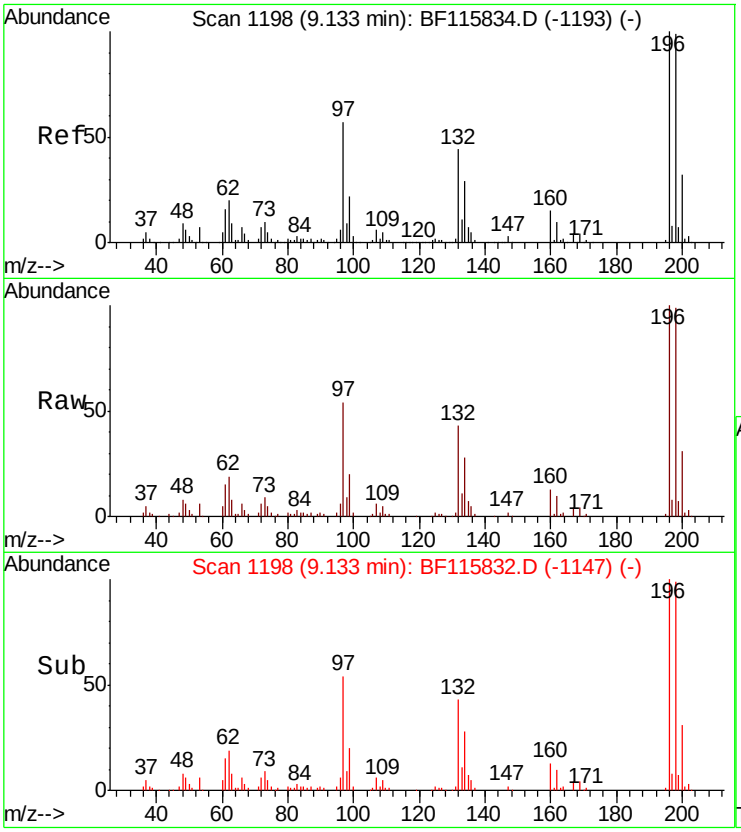


#42
2,4,6-Tribromophenol
Concen: 22.329 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:330 Resp: 92094

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	35.4	27.2	40.8



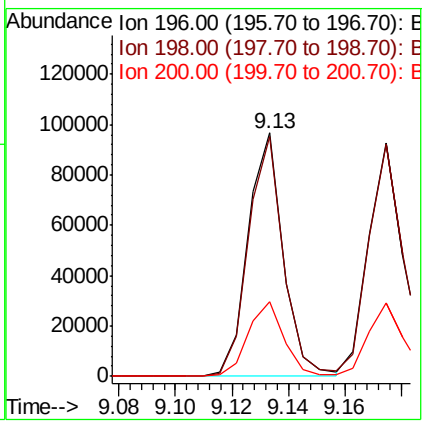


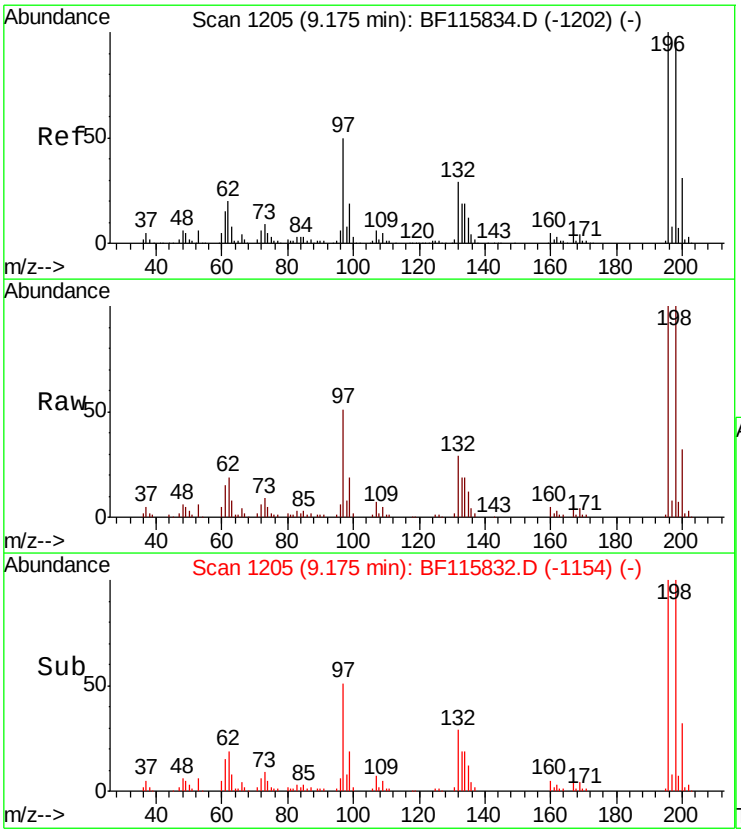
#43
2,4,6-Trichlorophenol
Concen: 10.778 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 83862

Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.3	118.9
200	30.6	25.3	37.9

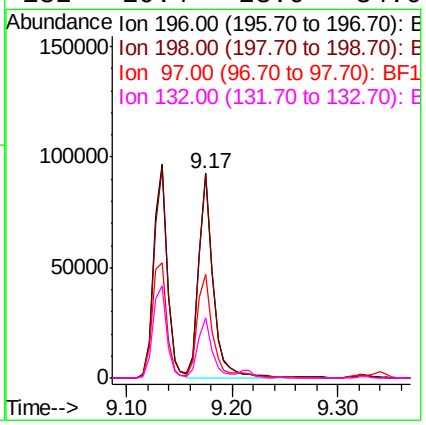


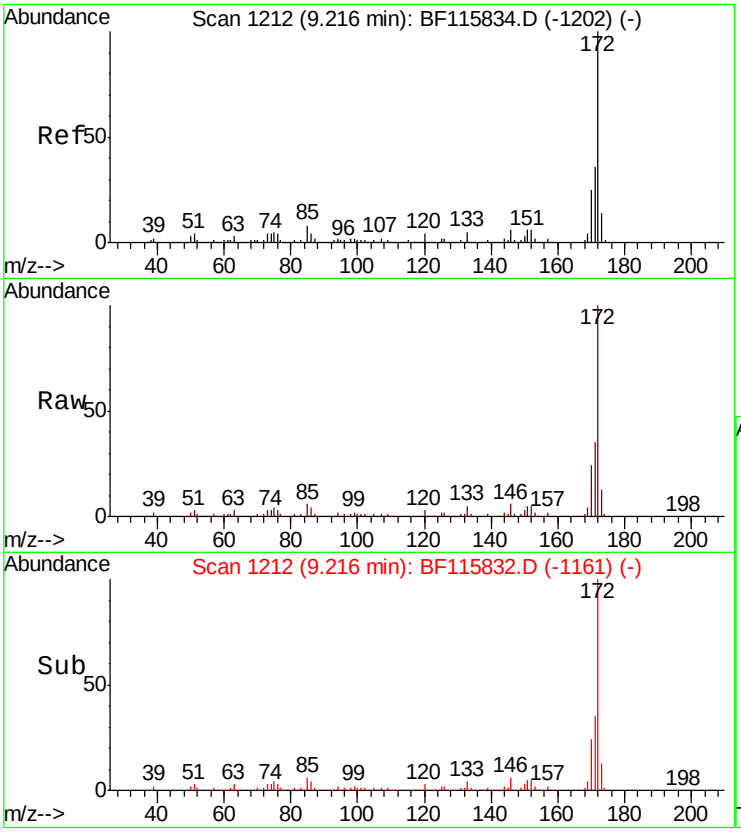


#44
2,4,5-Trichlorophenol
Concen: 11.068 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:196 Resp: 88201

Ion	Ratio	Lower	Upper
196	100		
198	99.8	77.9	116.9
97	50.6	40.2	60.4
132	29.4	23.0	34.6



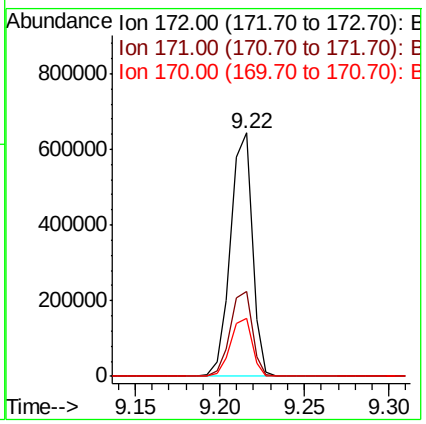


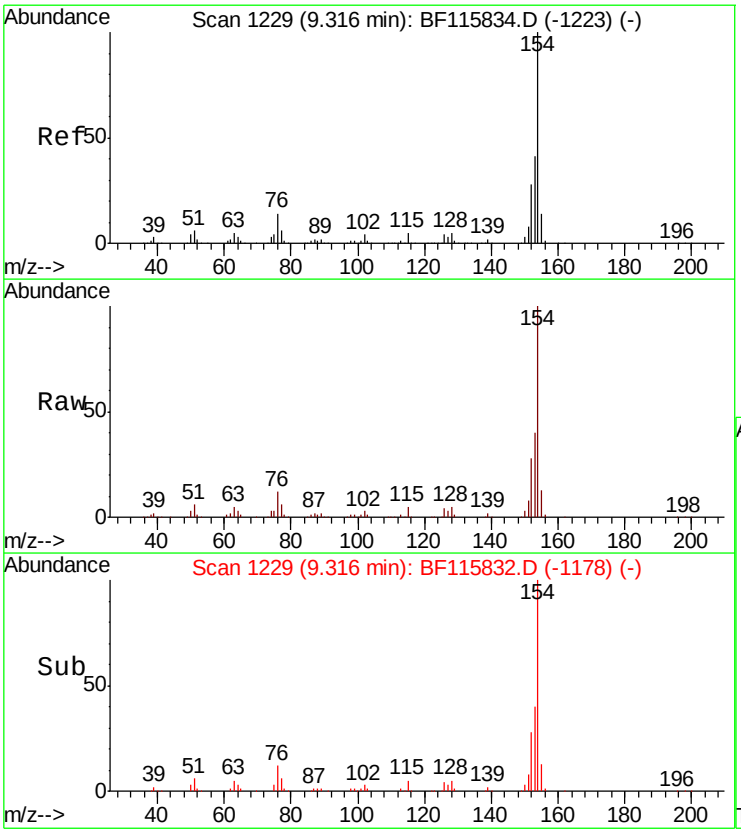
#45
2-Fluorobiphenyl
Concen: 28.582 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 576994

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.1	43.7
170	23.9	20.1	30.1

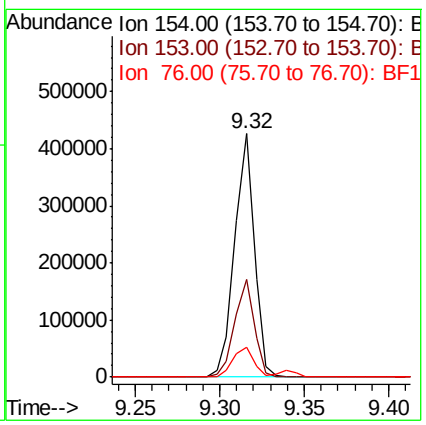


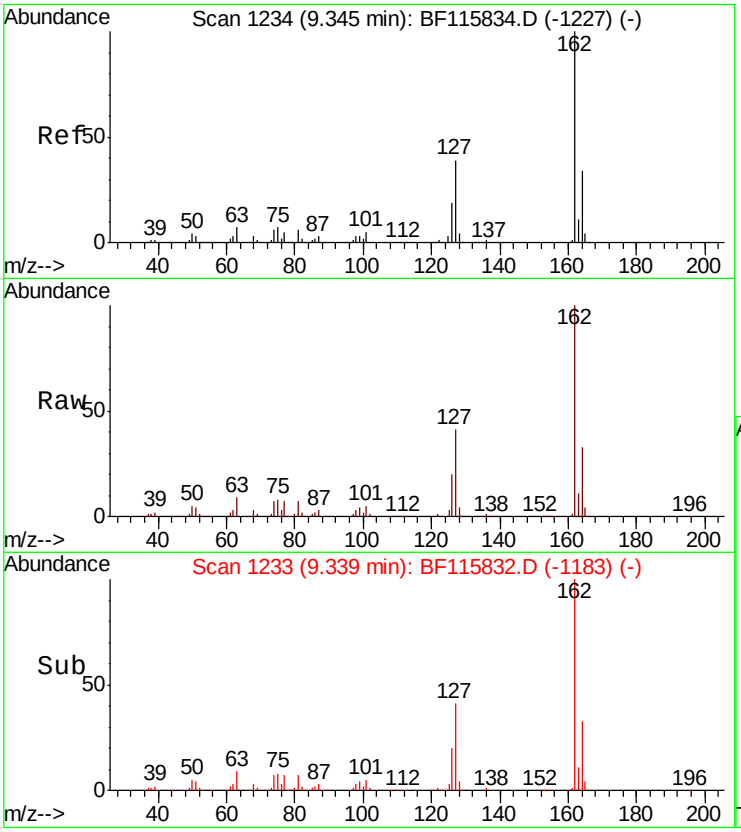


#46
1,1'-Biphenyl
Concen: 12.547 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:154 Resp: 346585

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	12.2	0.0	33.9



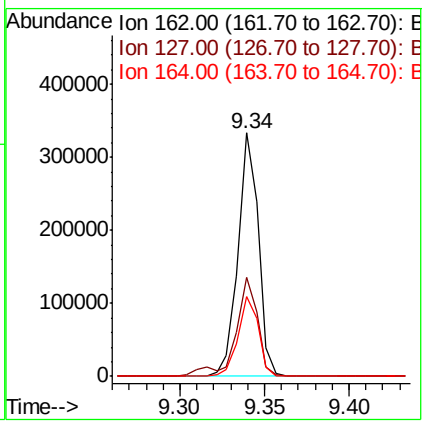


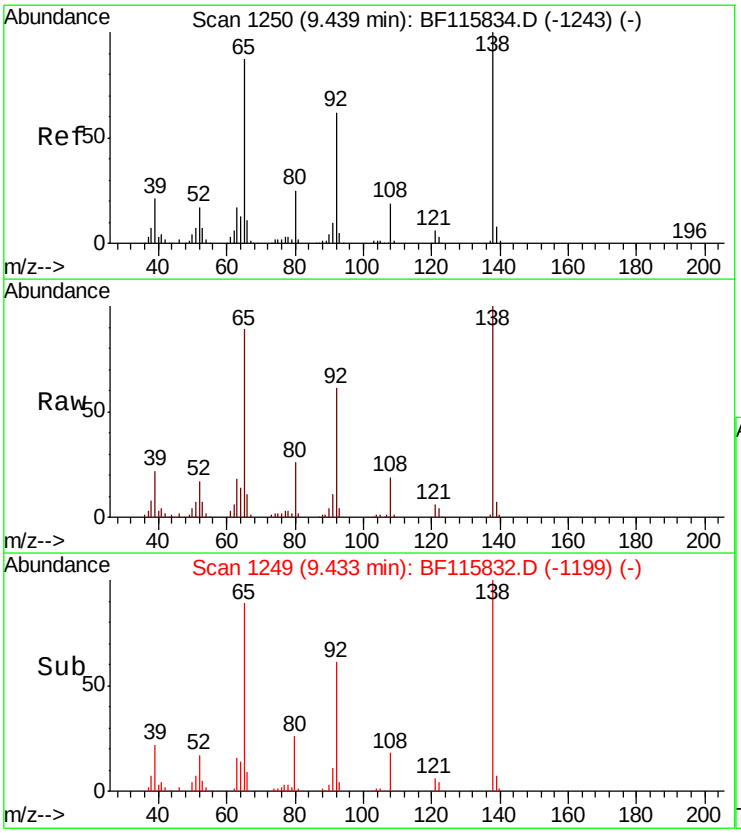
#47
2-Chloronaphthalene
Concen: 12.102 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 278370

Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.7	47.5
164	32.7	27.0	40.4

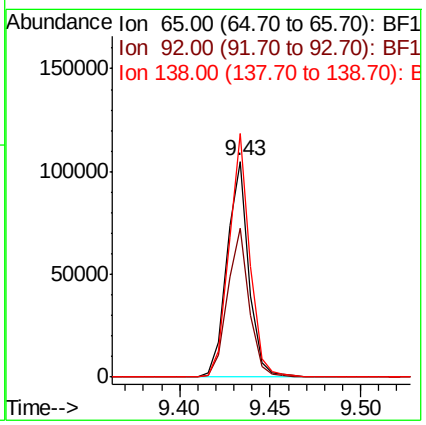


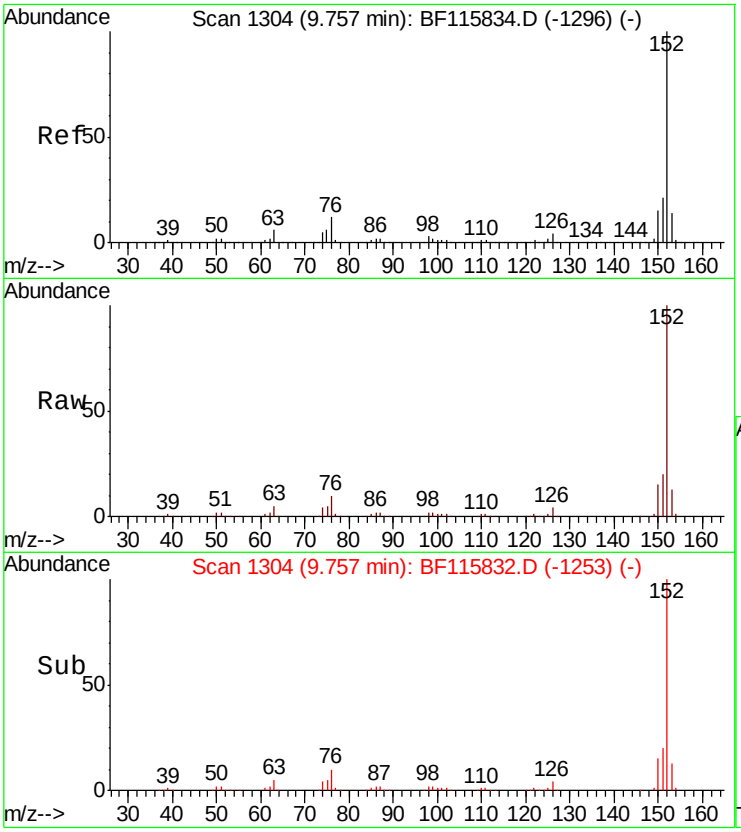


#48
2-Nitroaniline
Concen: 12.339 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion: 65 Resp: 87841

Ion	Ratio	Lower	Upper
65	100		
92	68.9	57.0	85.6
138	112.9	92.3	138.5



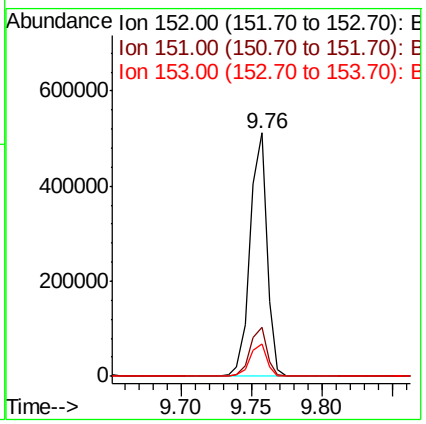


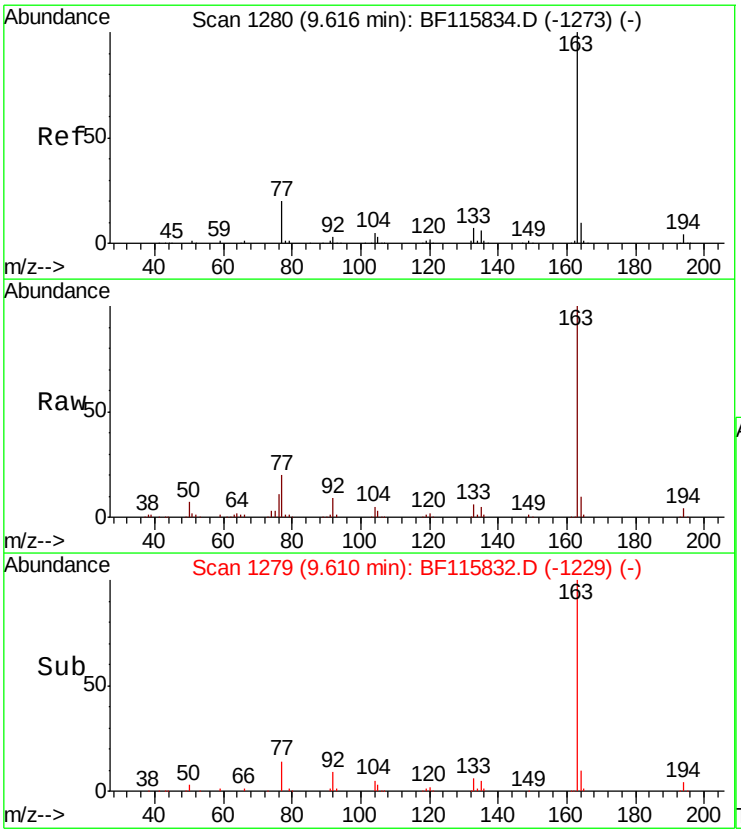
#49
Acenaphthylene
Concen: 12.693 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 432603

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.5	11.5	17.3

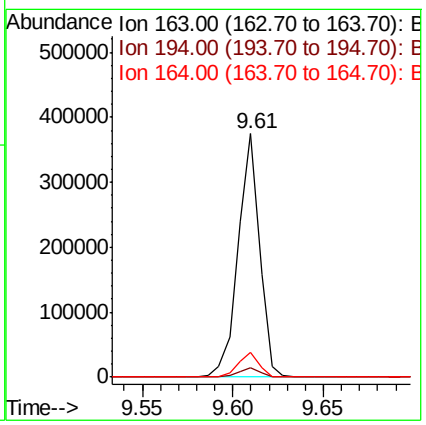


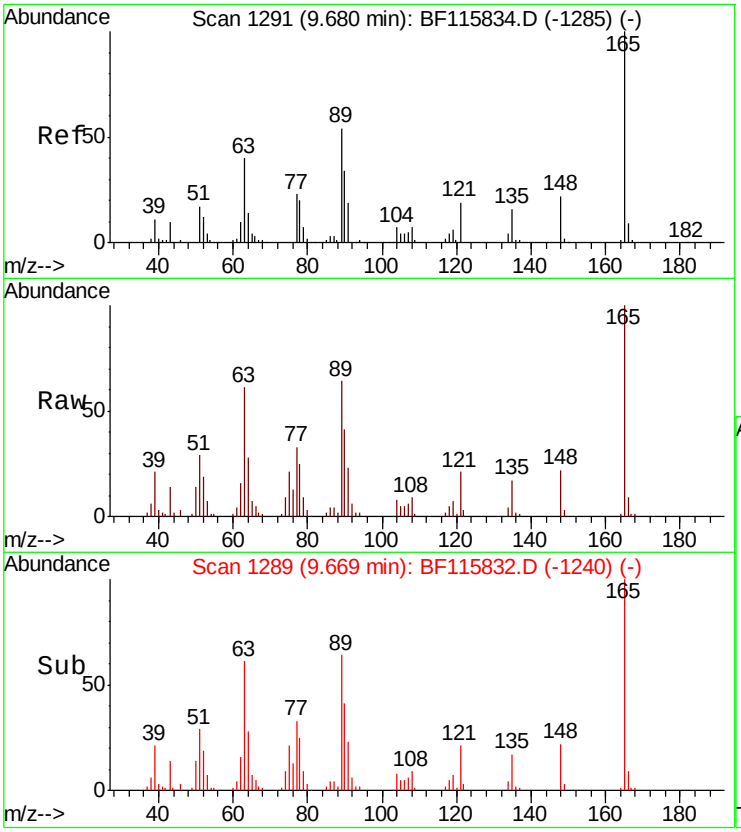


#50
Dimethylphthalate
Concen: 11.594 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:163 Resp: 308213

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.4	12.6



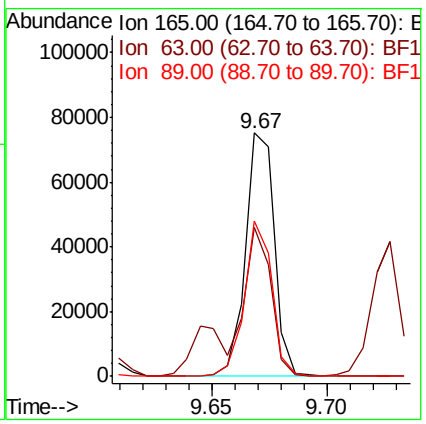


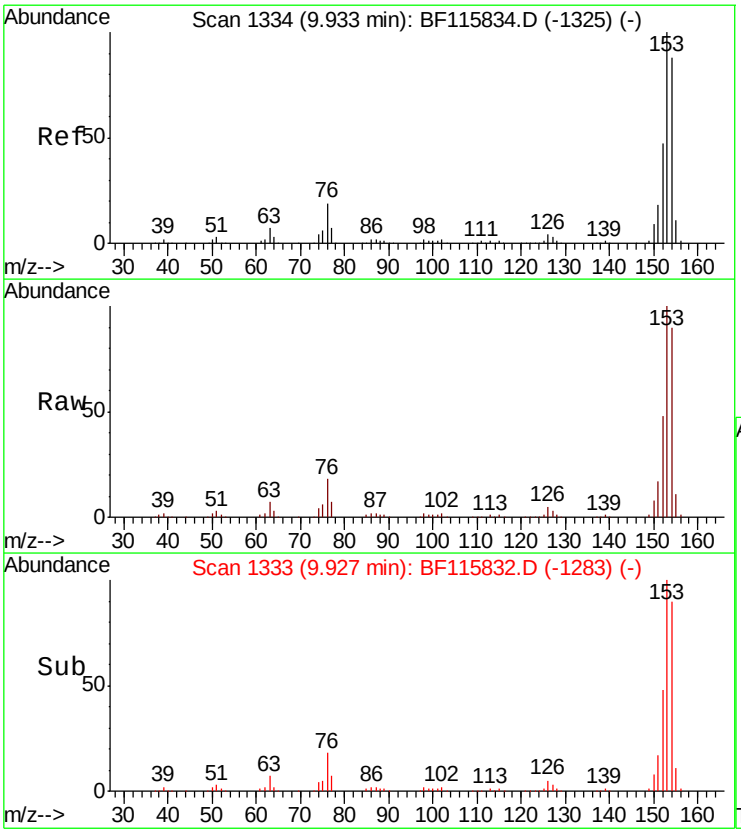
#51
2,6-Dinitrotoluene
Concen: 10.958 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66202

Ion	Ratio	Lower	Upper
165	100		
63	61.3	37.8	56.8#
89	64.0	43.0	64.6

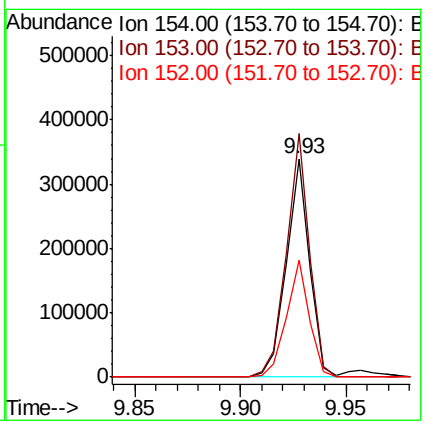


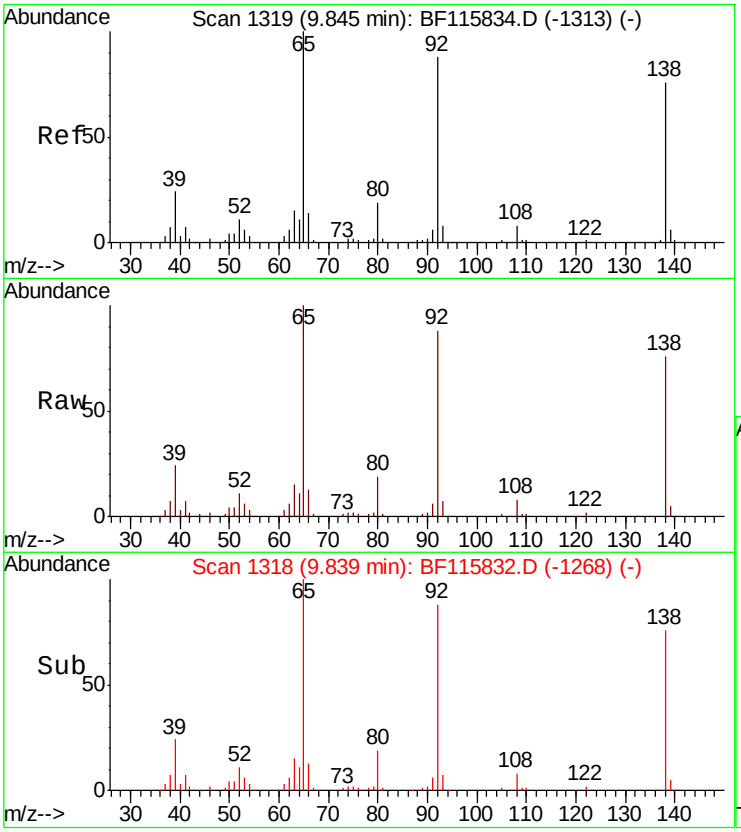


#52
Acenaphthene
Concen: 11.898 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:154 Resp: 261801

Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.0	136.6
152	53.3	42.6	64.0

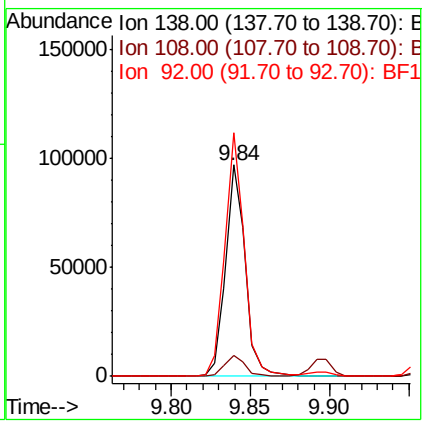




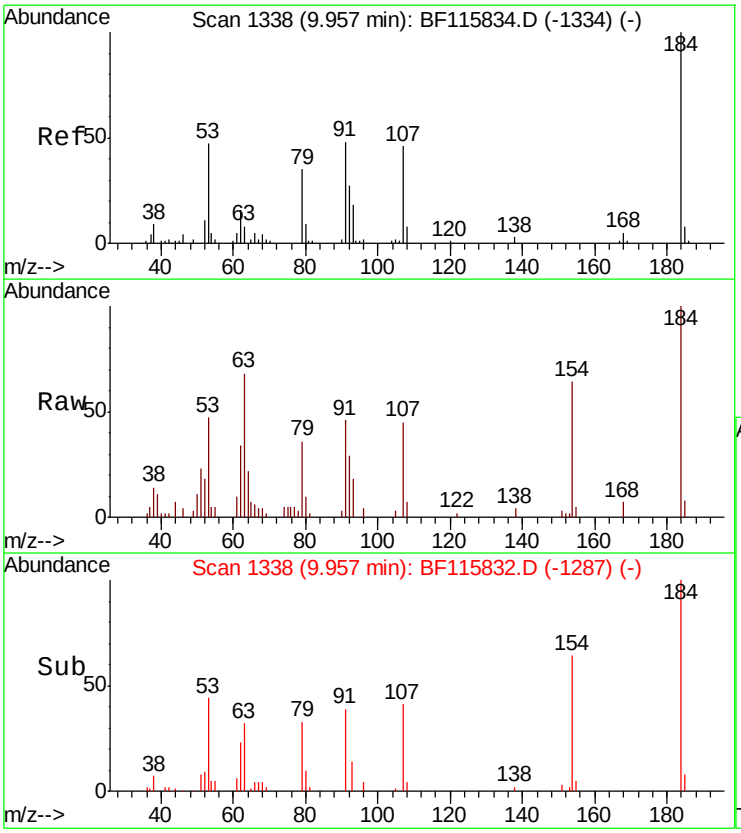
#53
3-Nitroaniline
Concen: 12.036 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:138 Resp: 83094

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	115.1	92.3	138.5



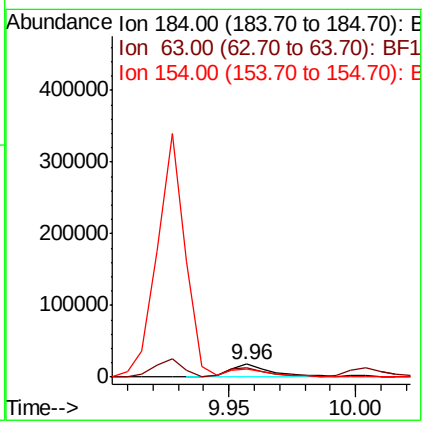
Instrument :
BNA_F
ClientSampleId :

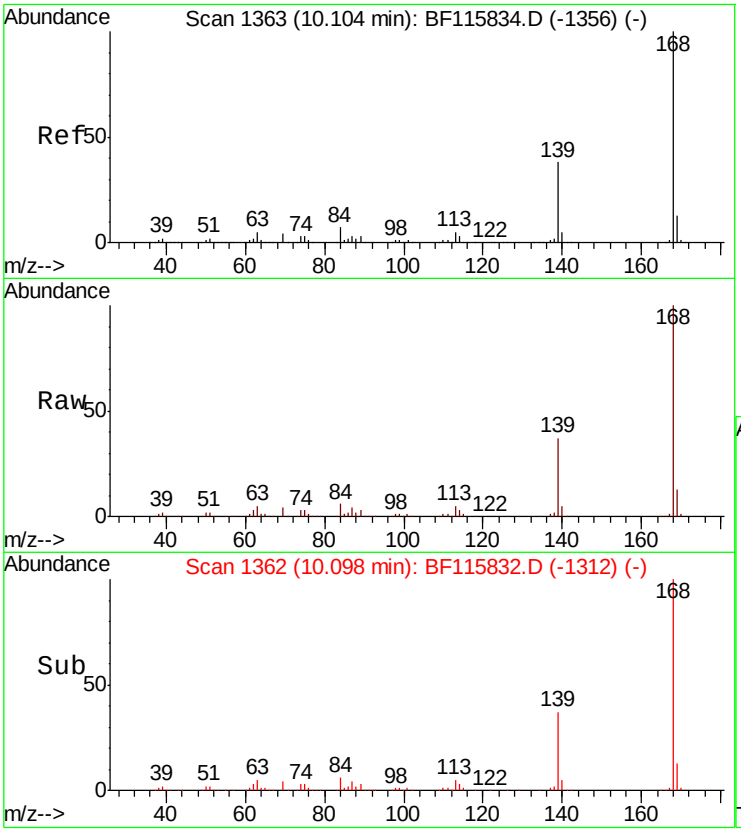


#54
2,4-Dinitrophenol
Concen: 6.574 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:184 Resp: 20392

Ion	Ratio	Lower	Upper
184	100		
63	67.9	55.4	83.2
154	63.7	51.4	77.2



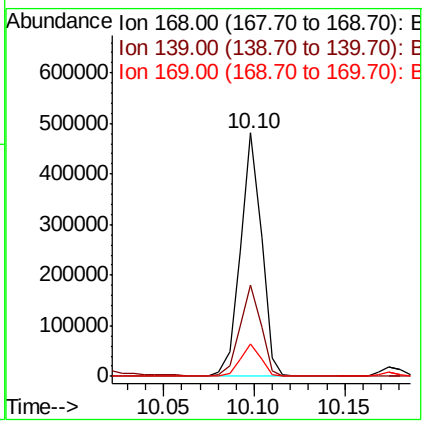


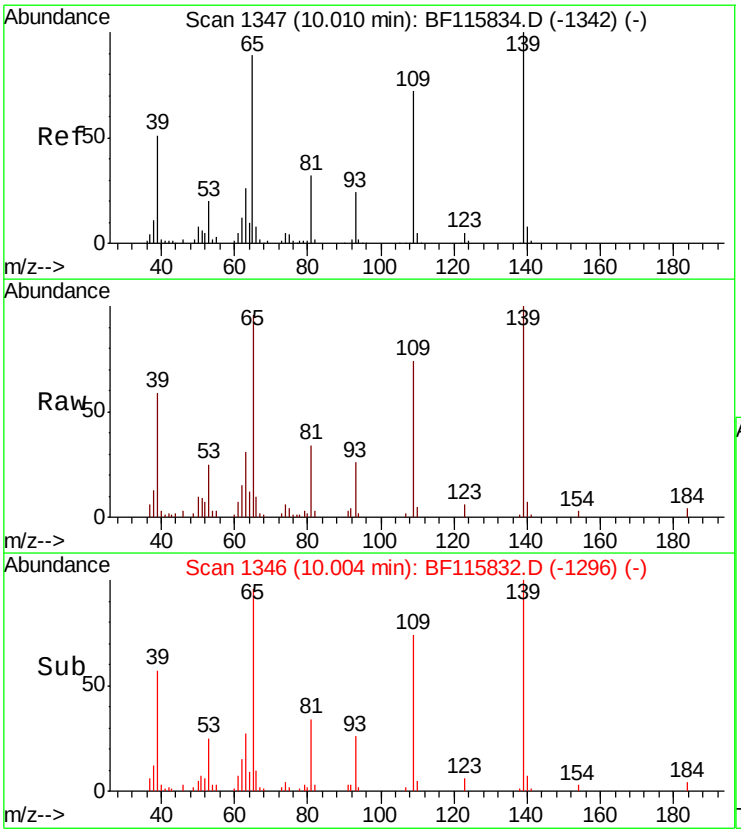
#55
Dibenzofuran
Concen: 12.415 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 387936

Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.4
169	13.4	10.8	16.2

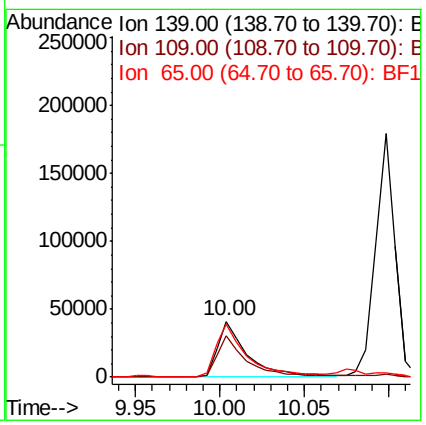


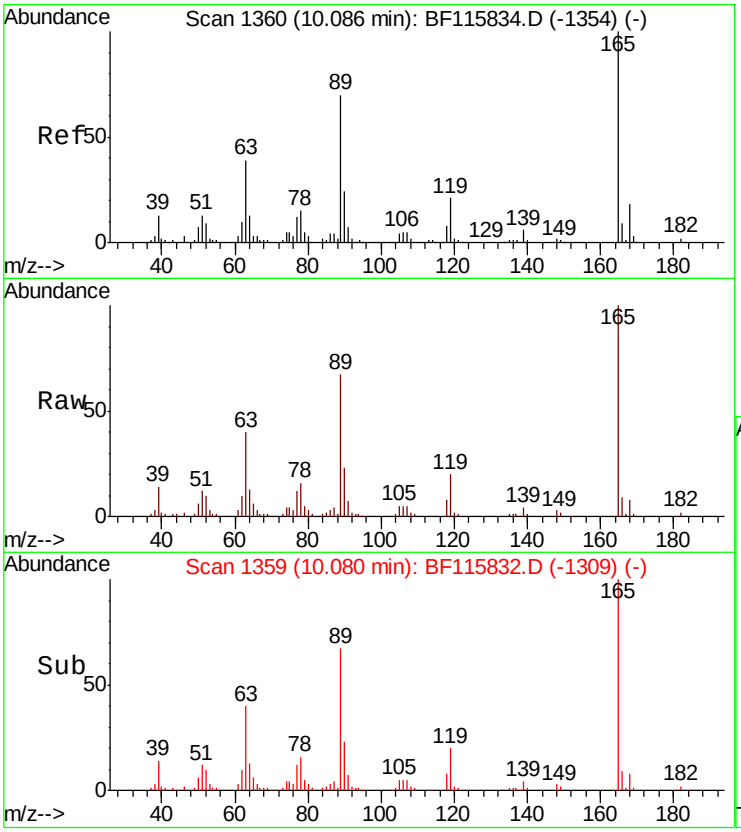


#56
4-Nitrophenol
Concen: 9.689 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:139 Resp: 51011

Ion	Ratio	Lower	Upper
139	100		
109	73.6	51.5	91.5
65	95.9	69.7	109.7



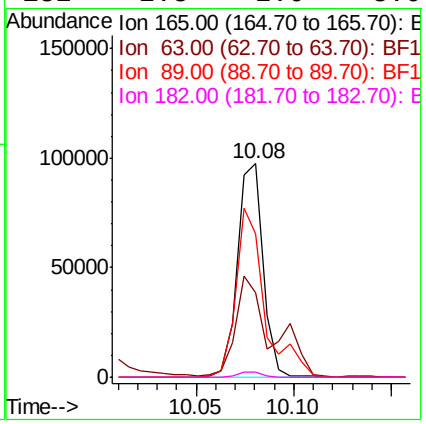


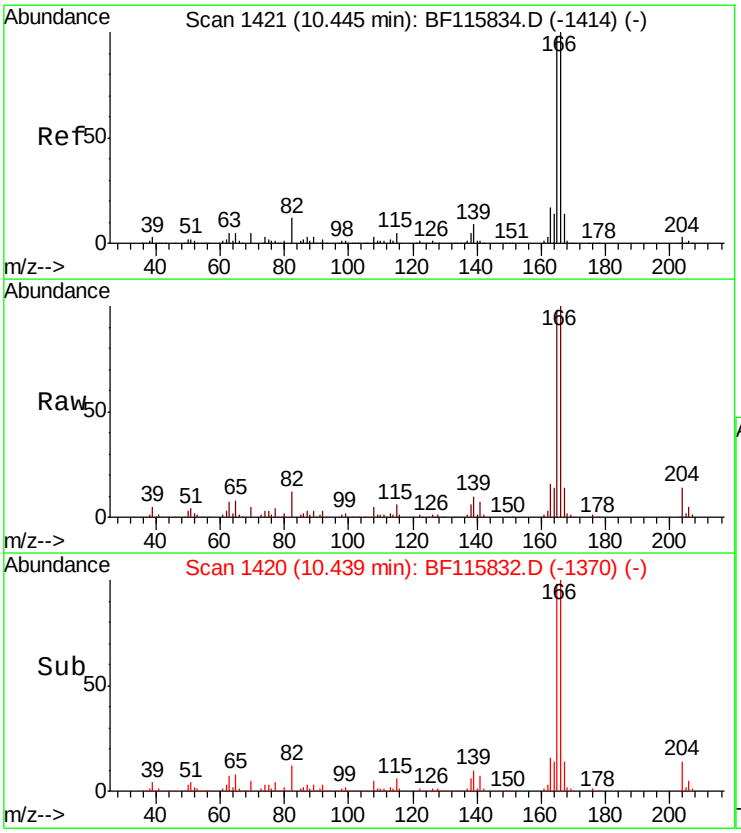
#57
2,4-Dinitrotoluene
Concen: 11.307 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 88497

Ion	Ratio	Lower	Upper
165	100		
63	39.6	31.8	47.6
89	67.0	56.2	84.4
182	2.3	2.0	3.0

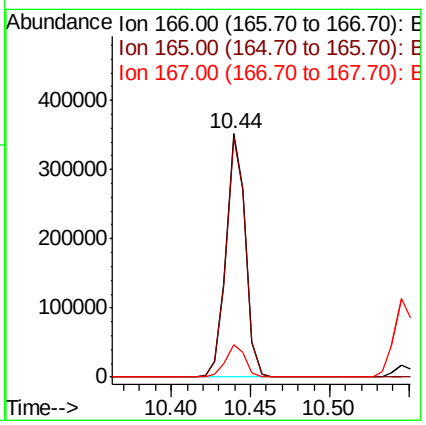


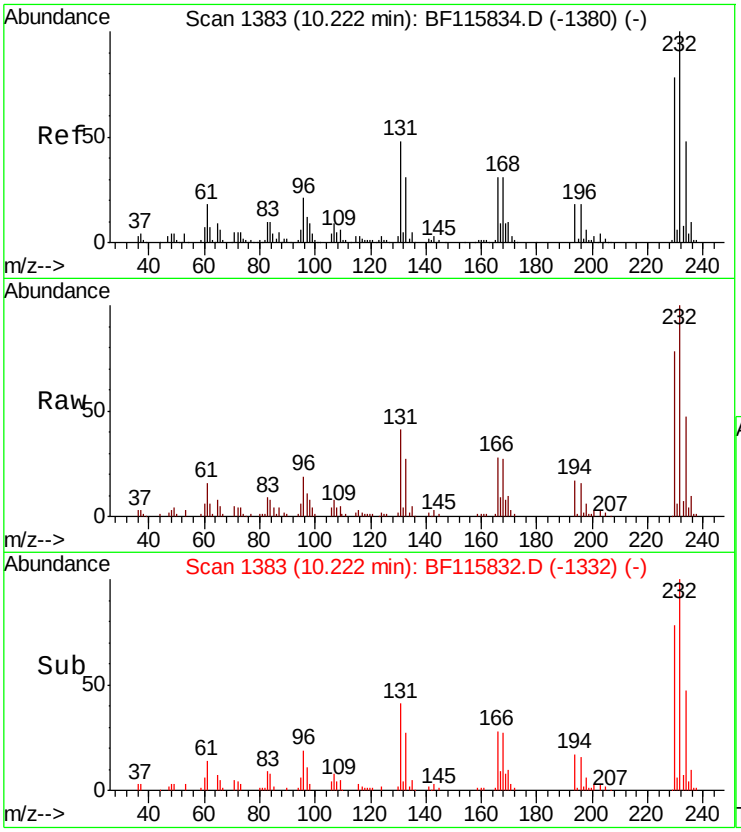


#58
Fluorene
Concen: 13.290 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:166 Resp: 296892

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.5	11.0	16.4



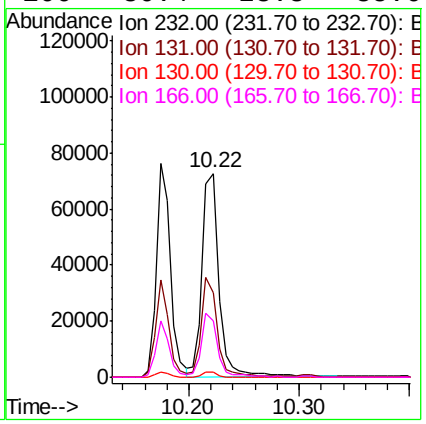


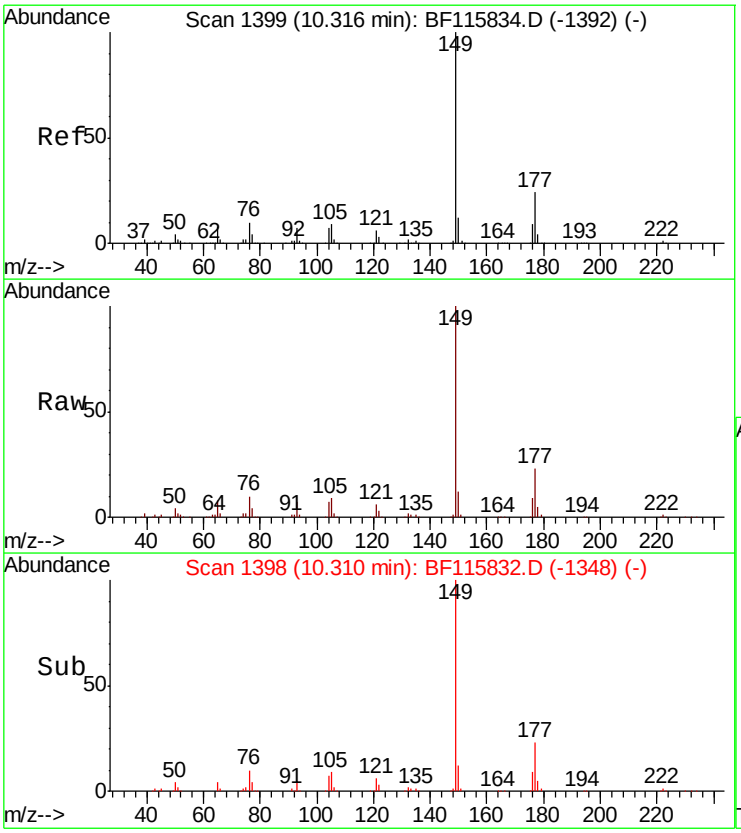
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.201 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 74615

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.9	55.3
130	2.3	1.8	2.8
166	30.4	23.8	35.6

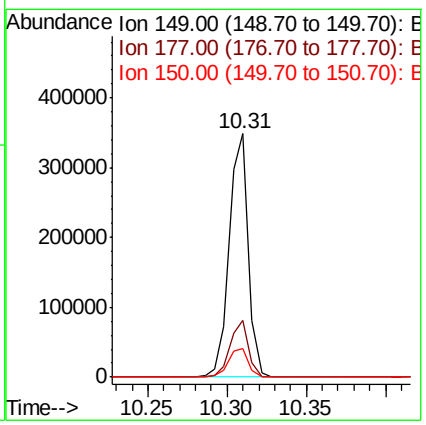


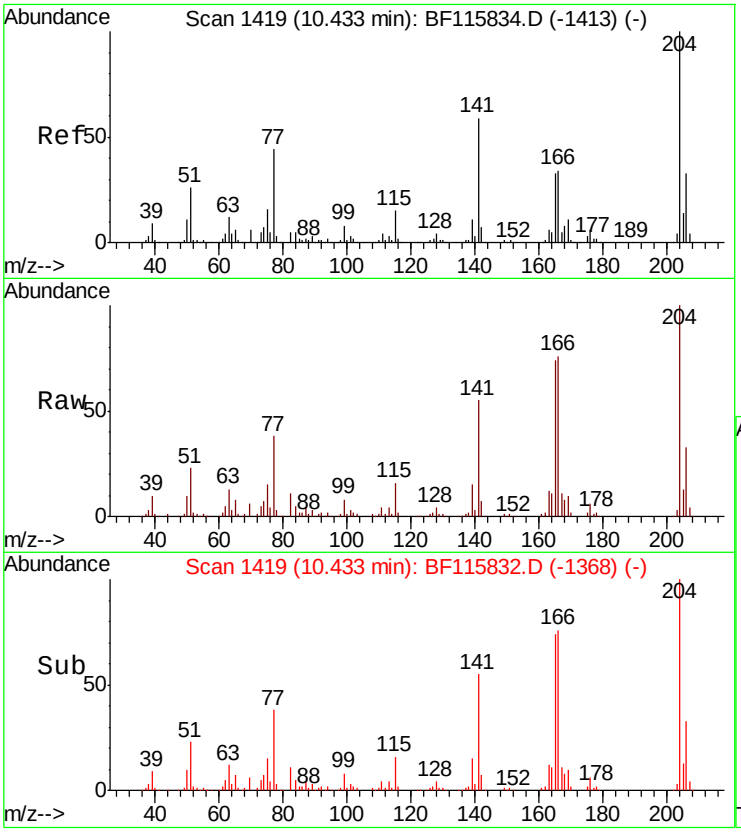


#60
Diethylphthalate
Concen: 11.675 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:149 Resp: 290795

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.9	28.3
150	11.9	9.8	14.8



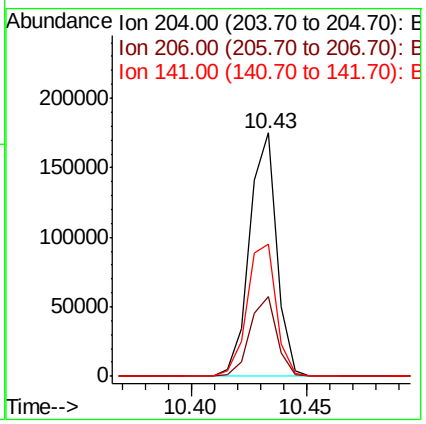


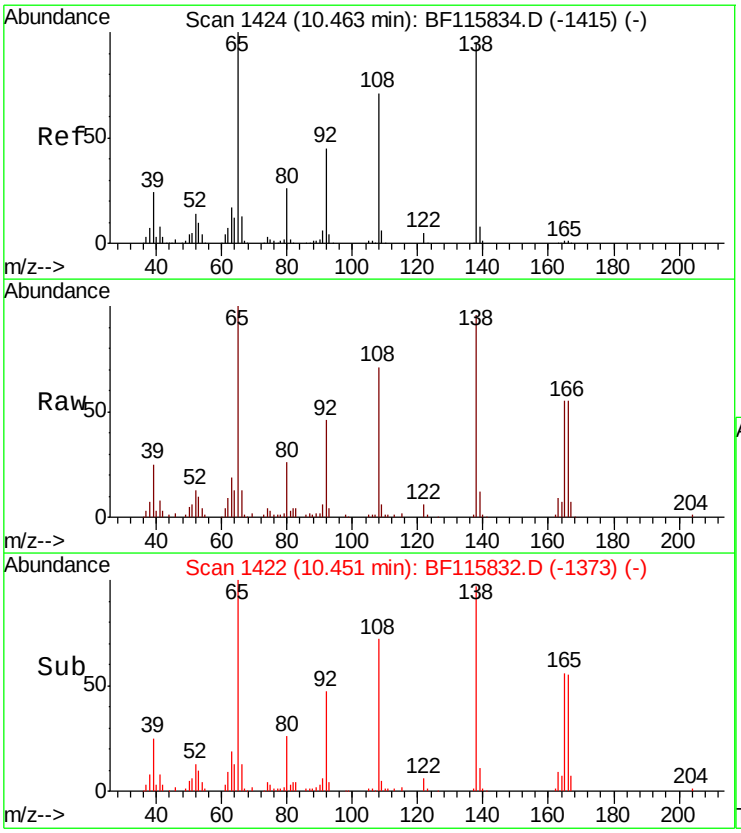
#61
4-Chlorophenyl-phenylether
Concen: 11.691 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 144827

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	54.5	46.8	70.2

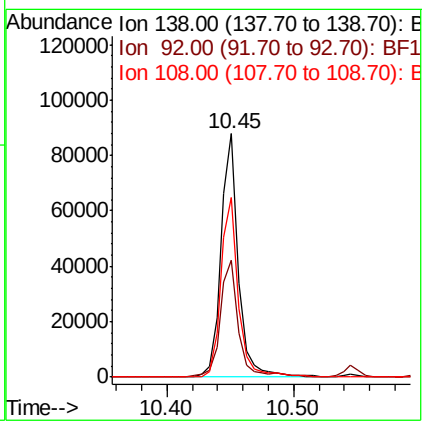


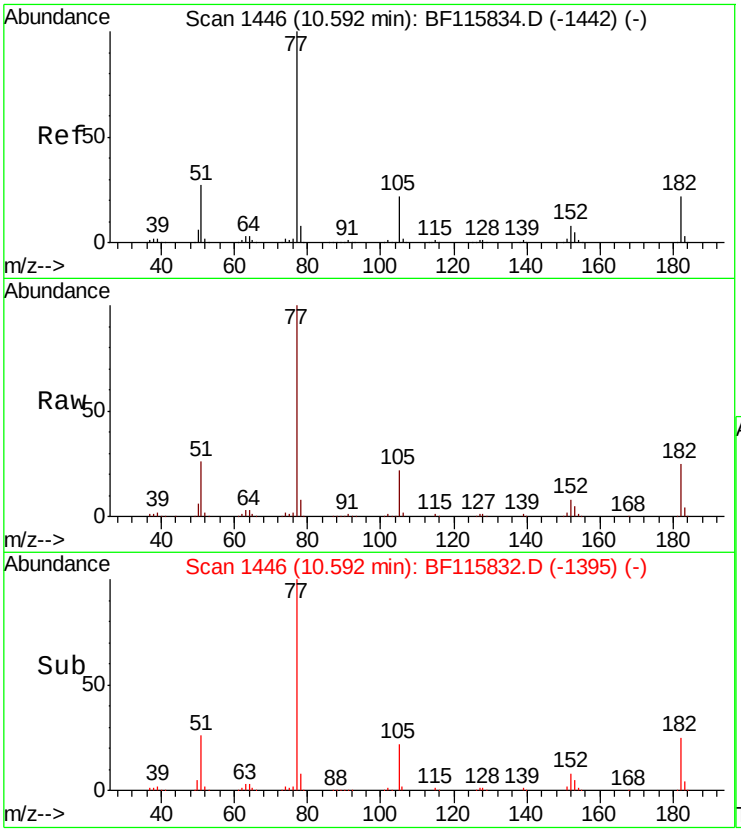


#62
4-Nitroaniline
Concen: 12.719 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:138 Resp: 84229

Ion	Ratio	Lower	Upper
138	100		
92	47.9	28.1	68.1
108	73.7	55.5	95.5



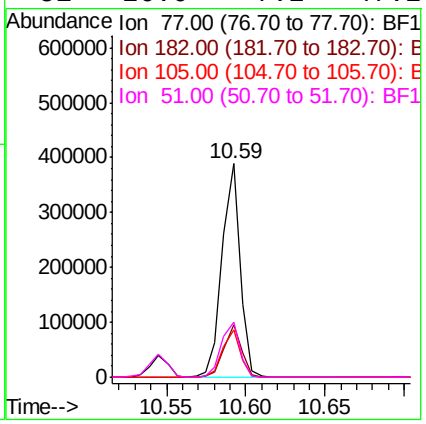


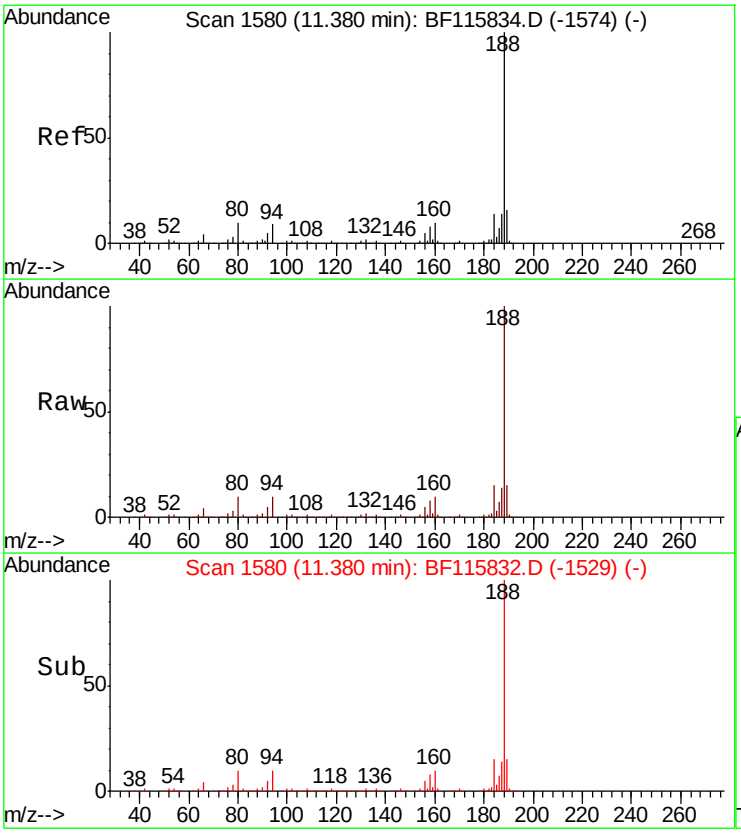
#63
Azobenzene
Concen: 12.752 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 308093

Ion	Ratio	Lower	Upper
77	100		
182	24.6	2.2	42.2
105	22.0	1.8	41.8
51	26.0	7.2	47.2

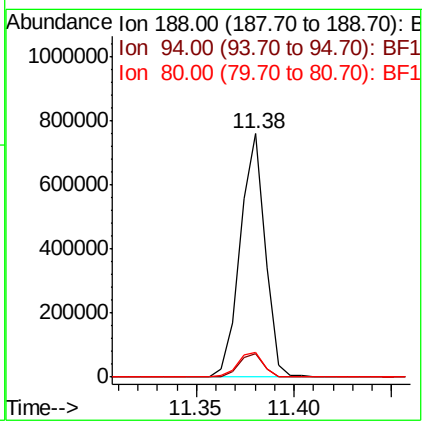


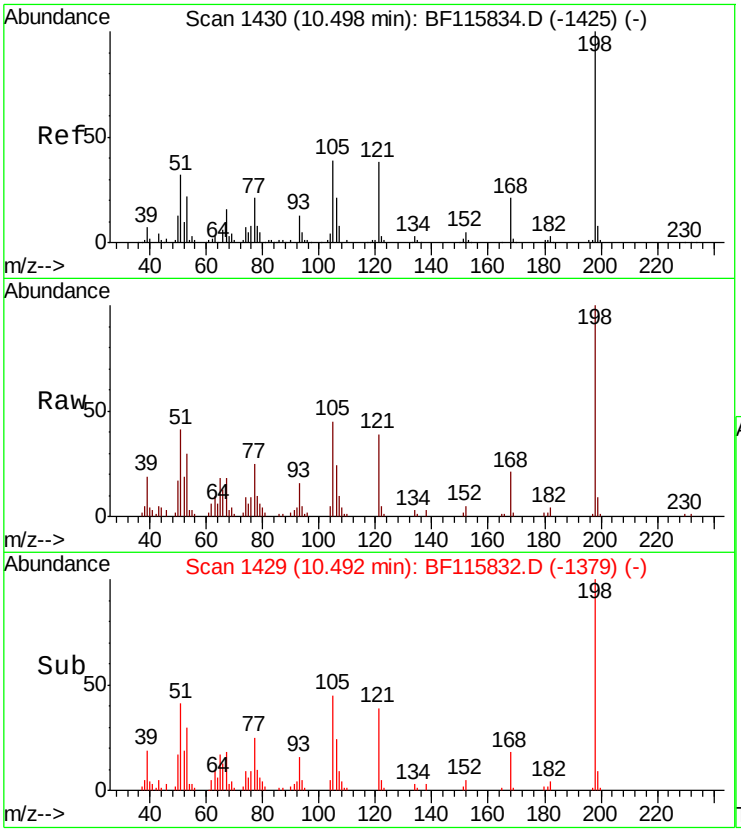


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:188 Resp: 674472

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.0	8.1	12.1



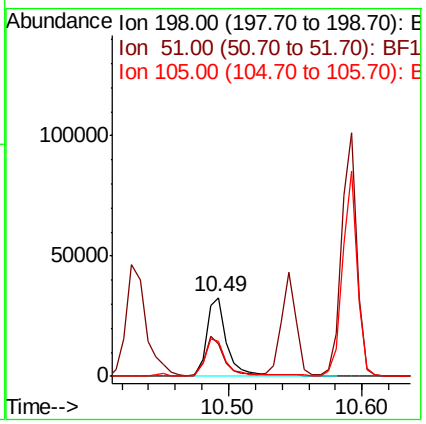


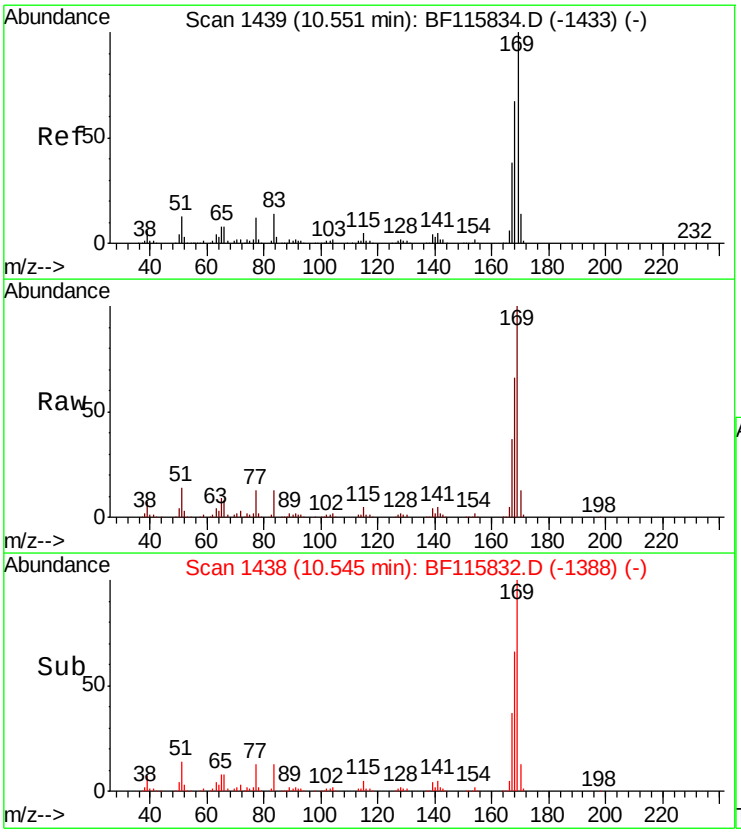
#65
4,6-Dinitro-2-methylphenol
Concen: 8.496 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 35012

Ion	Ratio	Lower	Upper
198	100		
51	40.8	14.3	54.3
105	44.9	19.5	59.5

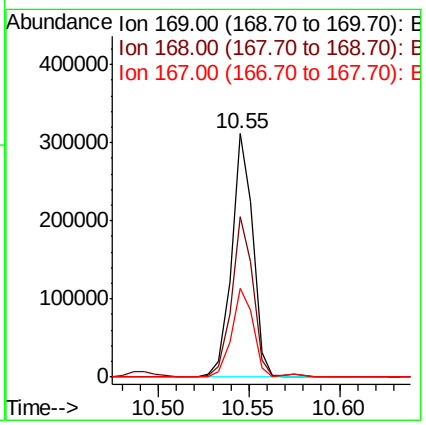


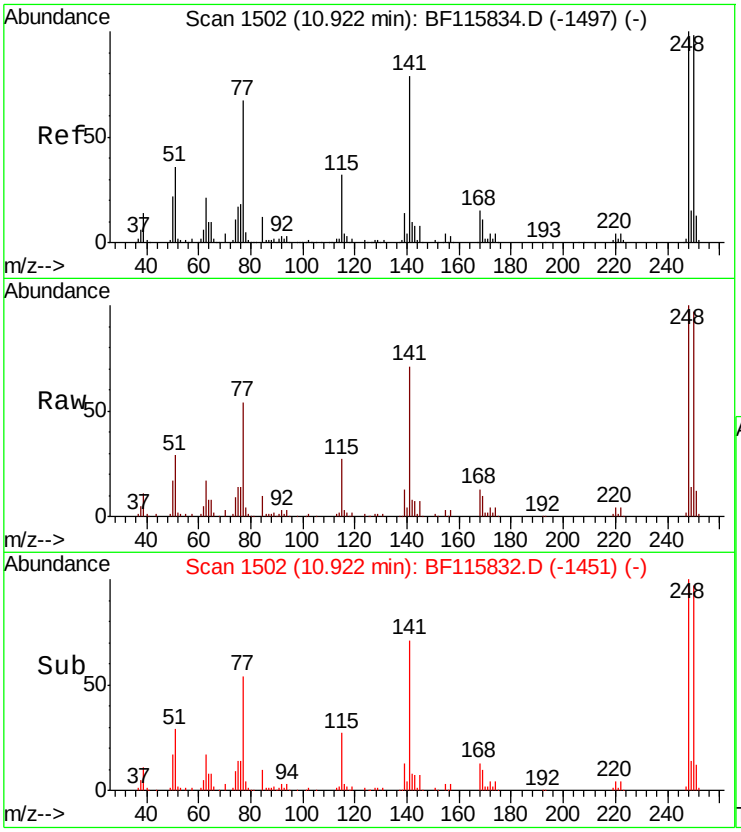


#66
n-Nitrosodiphenylamine
Concen: 12.088 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:169 Resp: 253614

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.4	80.2
167	36.6	30.2	45.2



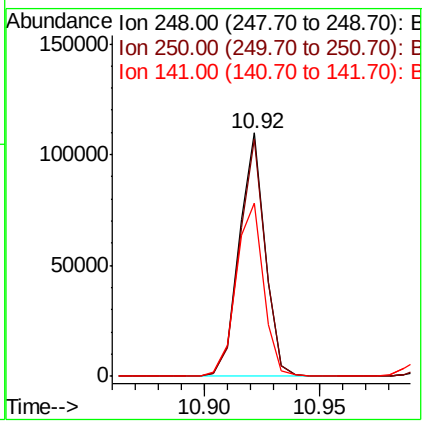


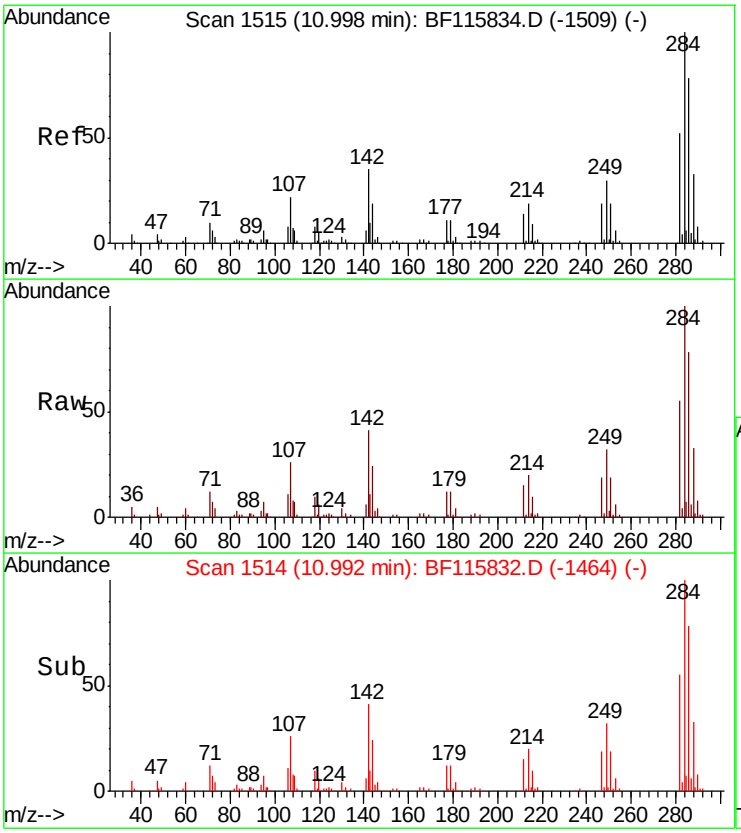
#67
4-Bromophenyl-phenylether
Concen: 11.161 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 86028

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.4
141	71.2	63.0	94.6

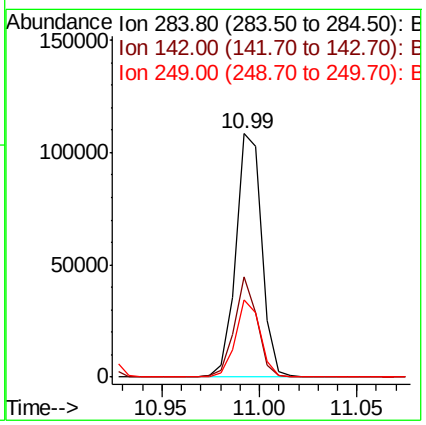


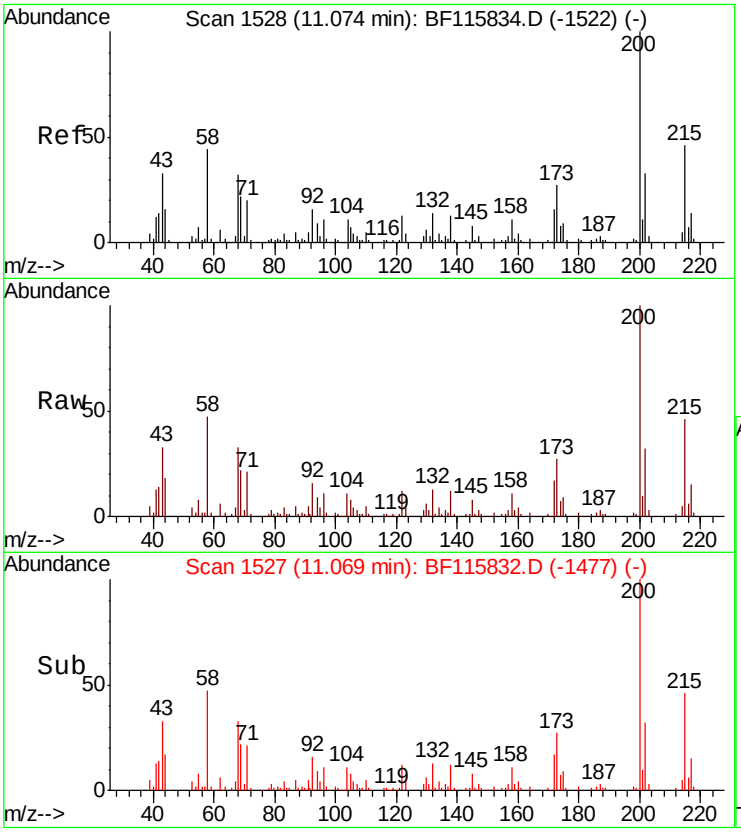


#68
Hexachlorobenzene
Concen: 11.315 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:284 Resp: 99597

Ion	Ratio	Lower	Upper
284	100		
142	41.0	27.7	41.5
249	31.8	24.2	36.4



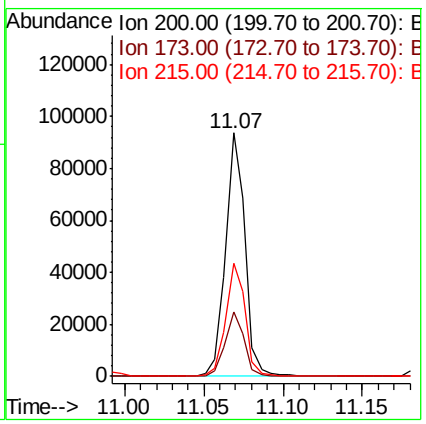


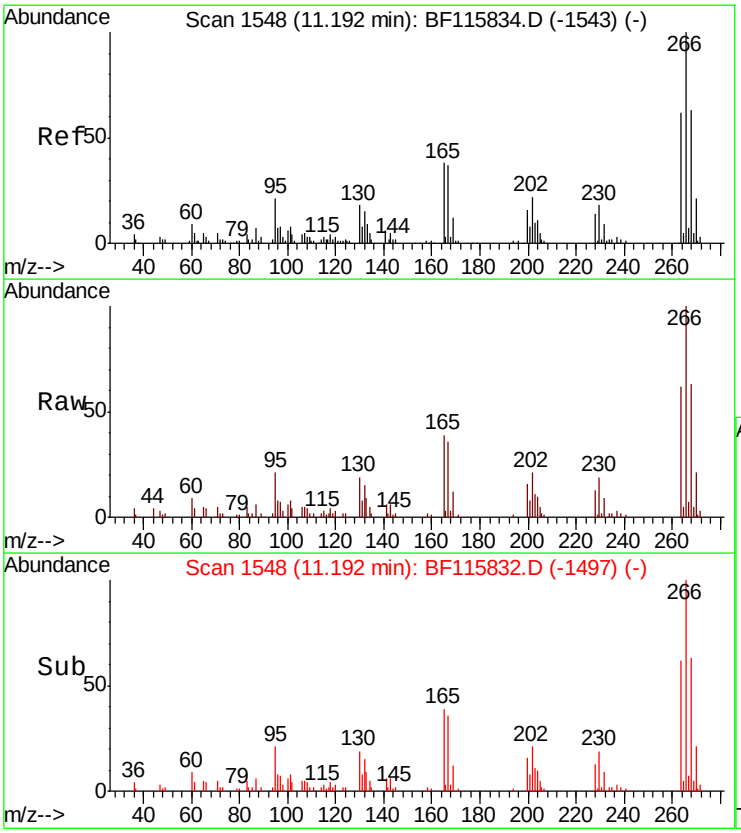
#69
Atrazine
Concen: 11.525 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 79322

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.1	47.1
215	46.3	26.4	66.4

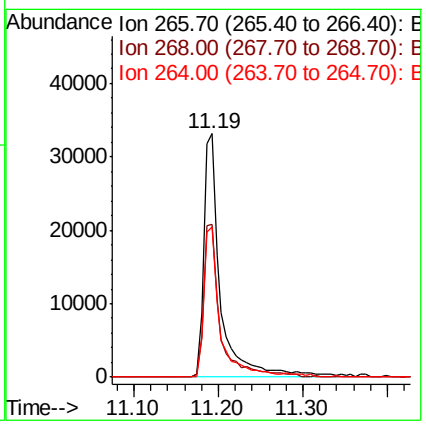


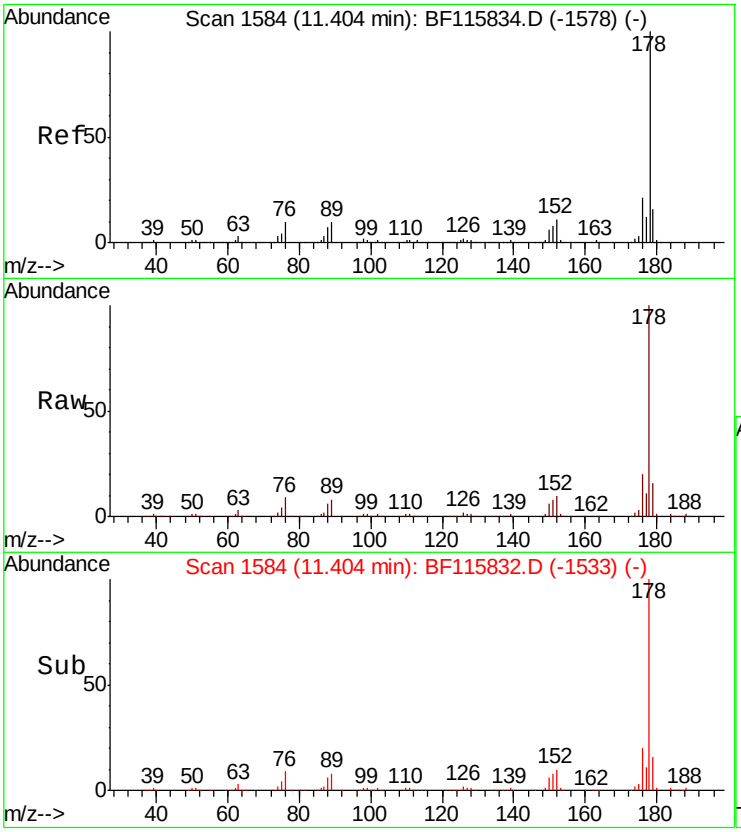


#70
Pentachlorophenol
Concen: 8.496 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:266 Resp: 45740

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.6	76.0
264	61.6	49.8	74.6



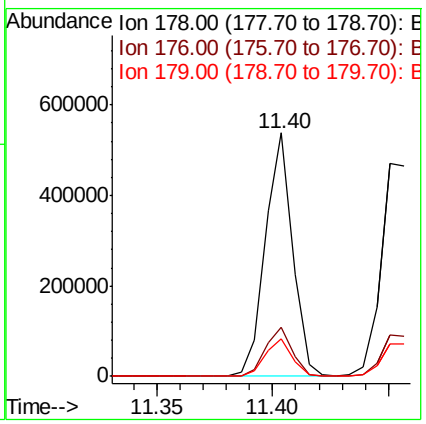


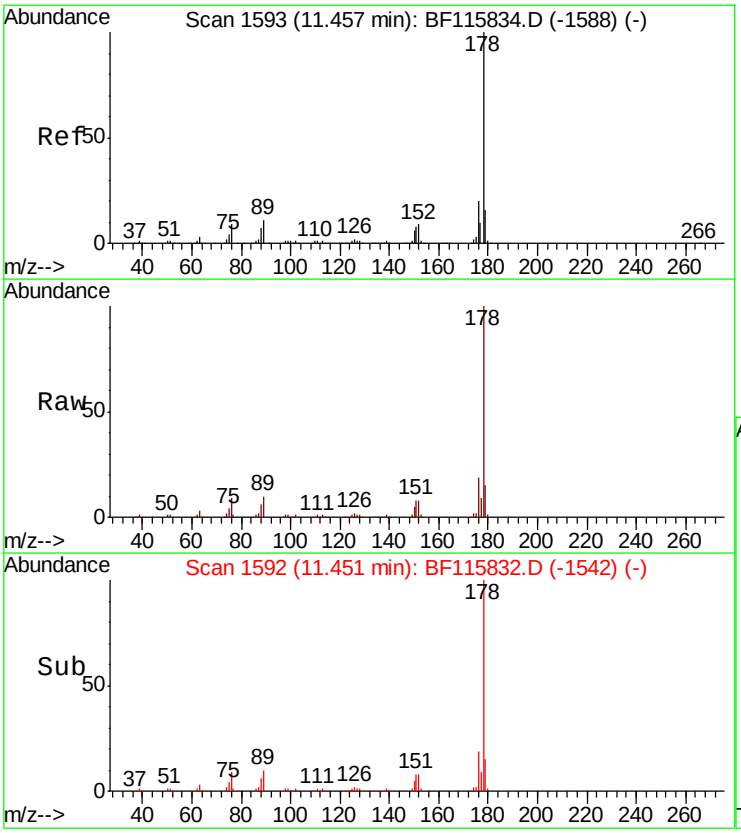
#71
Phenanthrene
Concen: 12.791 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 442210

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	15.6	13.0	19.4

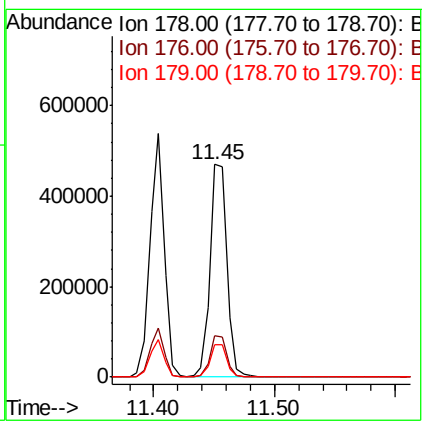


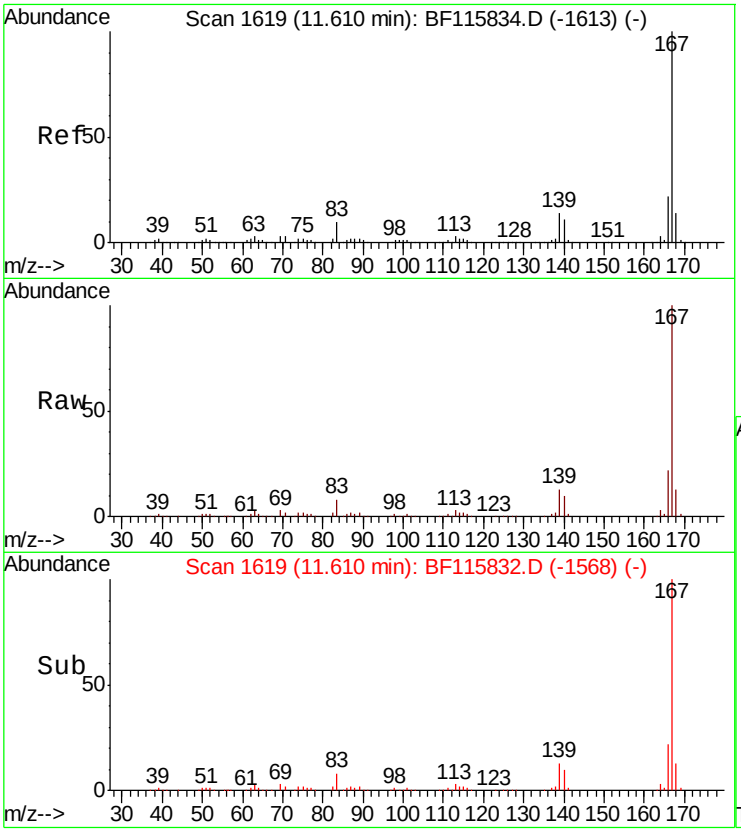


#72
Anthracene
Concen: 12.640 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:178 Resp: 451620

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.4	13.0	19.4



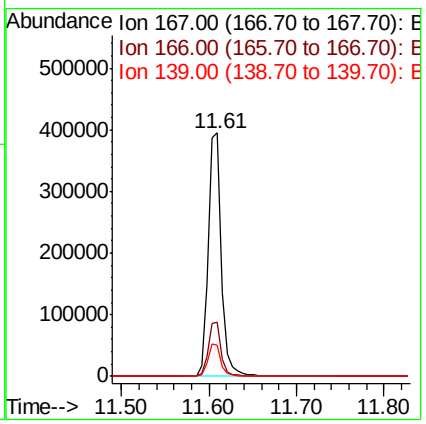


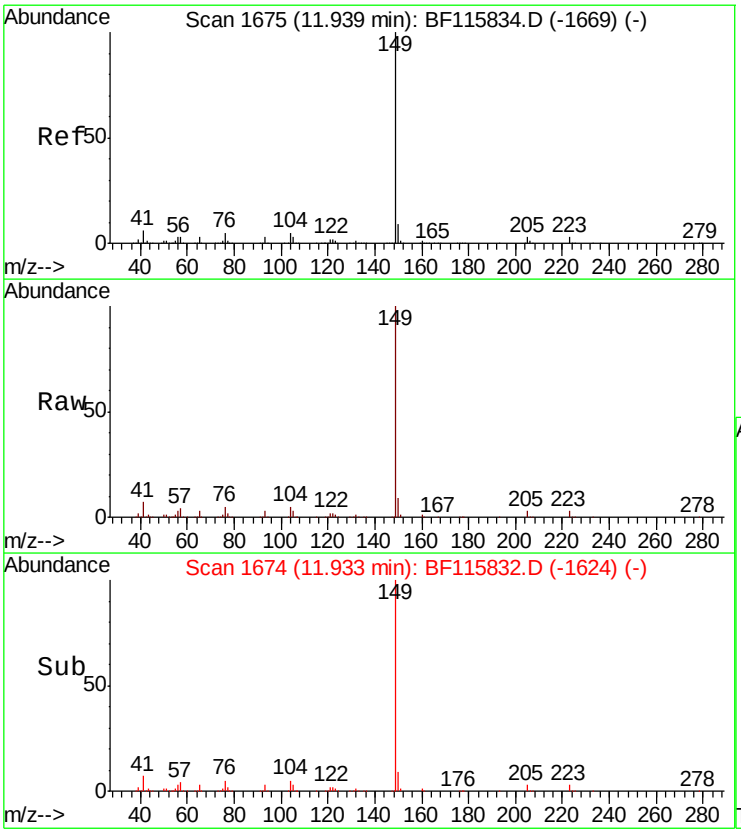
#73
Carbazole
Concen: 13.101 ng
RT: 11.61 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 410495

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.9	11.0	16.6

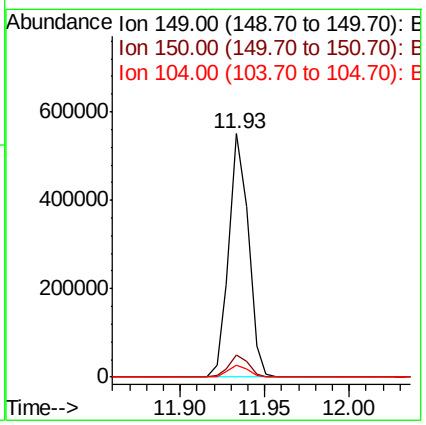


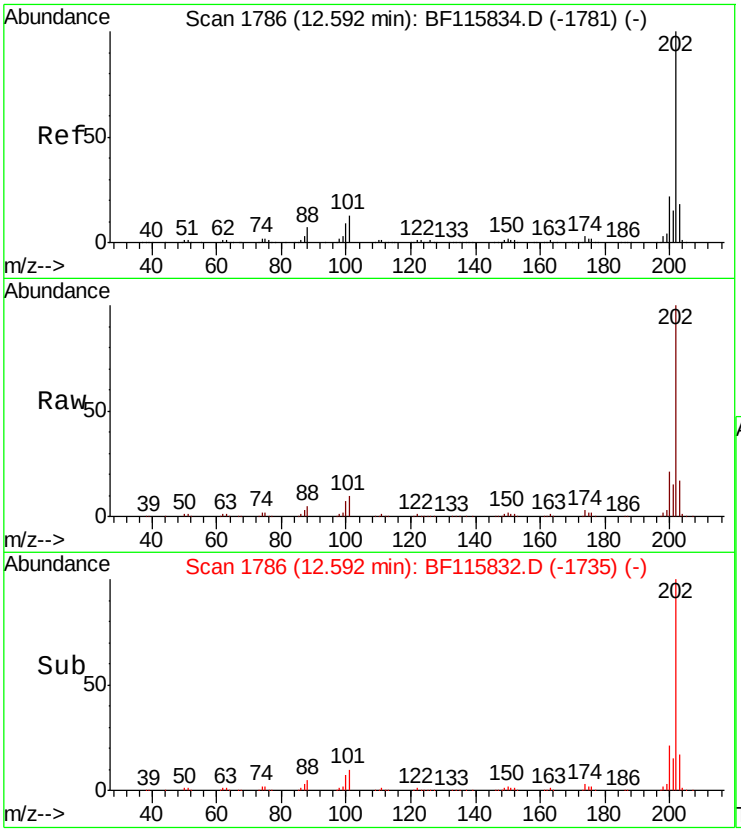


#74
Di-n-butylphthalate
Concen: 11.467 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:149 Resp: 442557

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	3.9	5.9



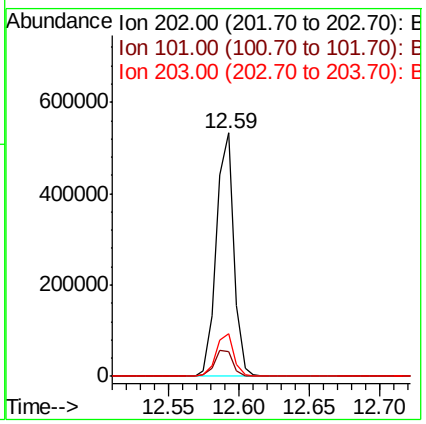


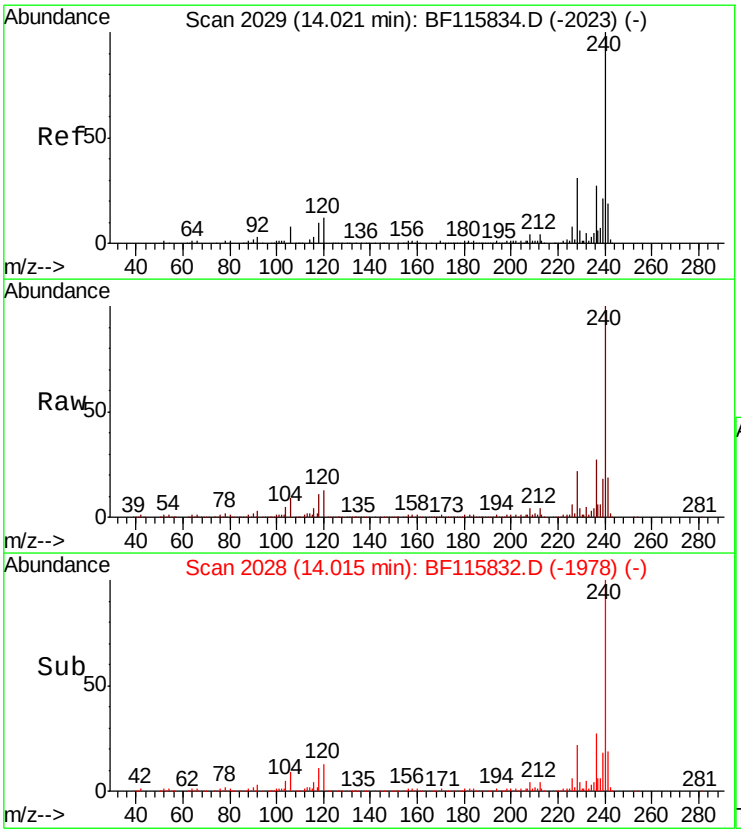
#75
Fluoranthene
Concen: 12.631 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 461475

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.8
203	17.3	0.0	37.9

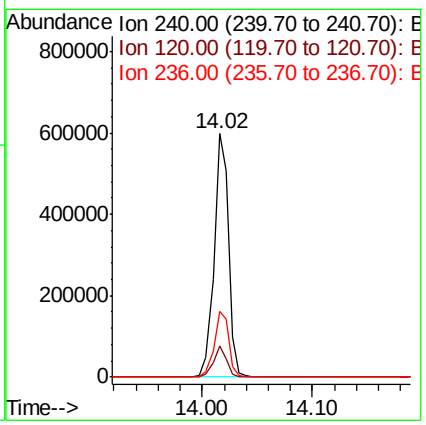


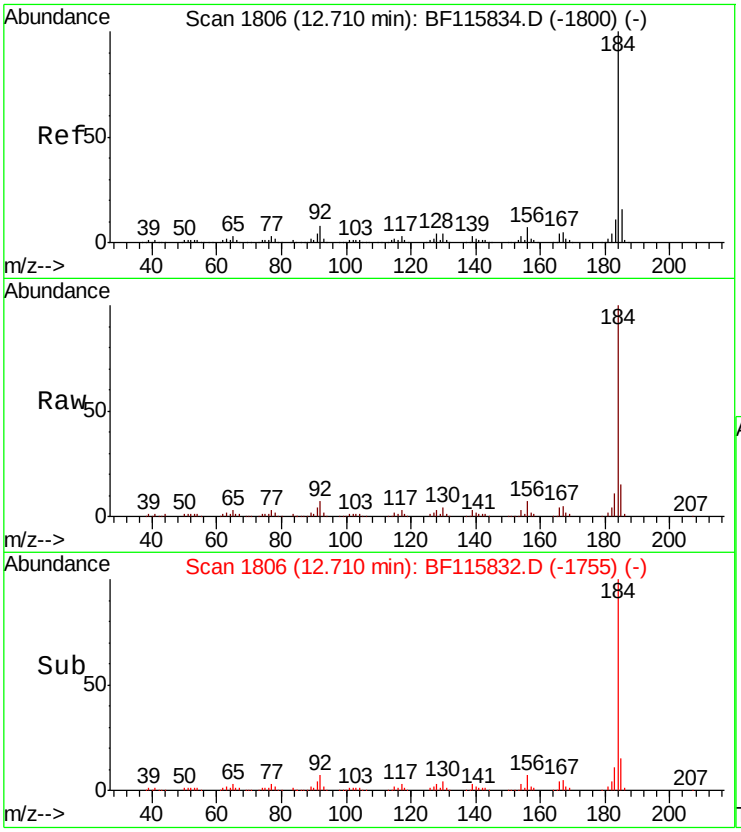


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:240 Resp: 536665

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.3	13.9
236	27.0	21.6	32.4



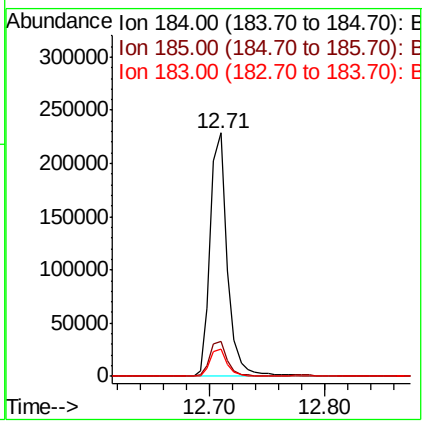


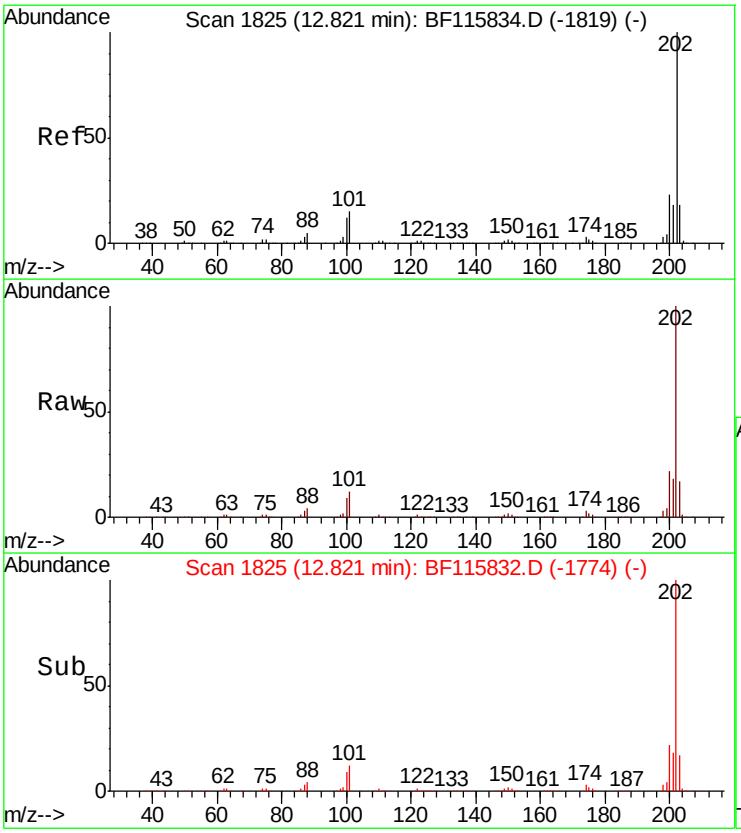
#77
Benzidine
Concen: 12.487 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 237402

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.7	19.1
183	11.2	9.0	13.6

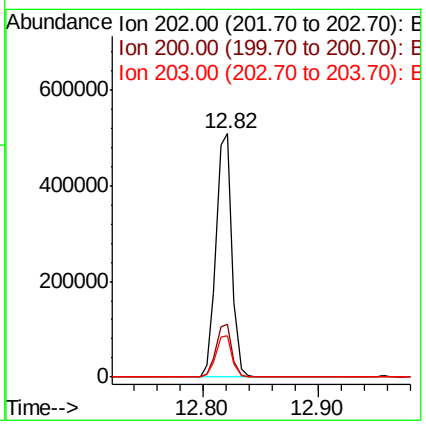


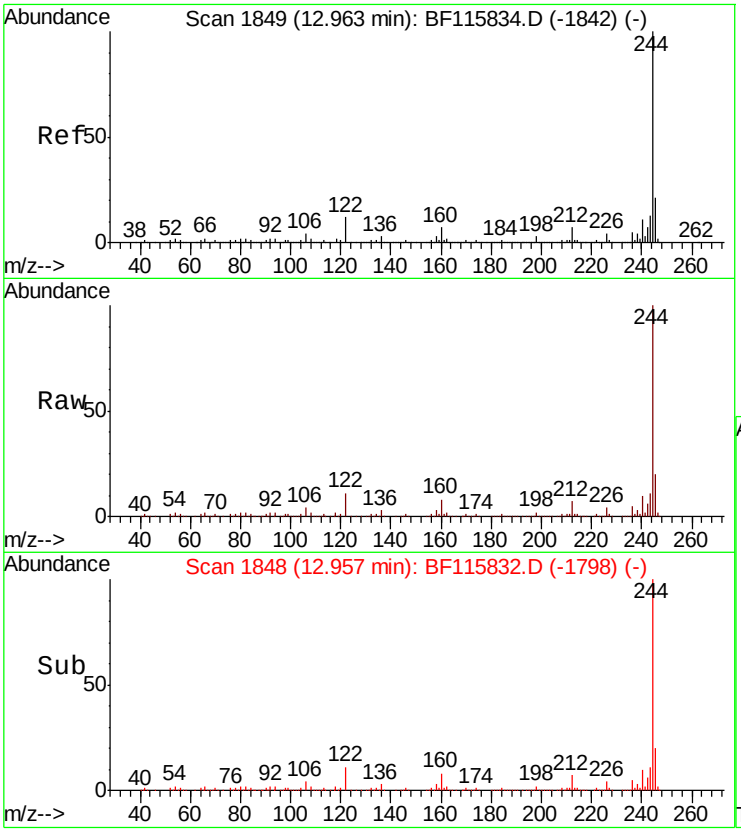


#78
Pyrene
Concen: 10.696 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:202 Resp: 486334

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.3	27.5
203	17.0	14.6	21.8



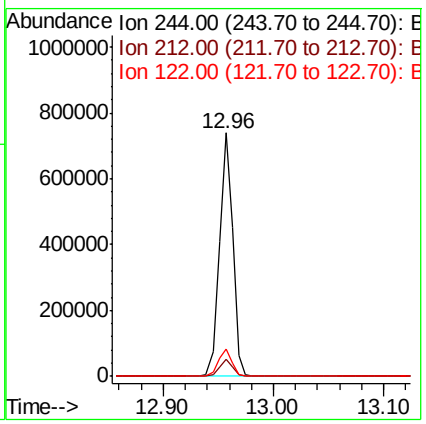


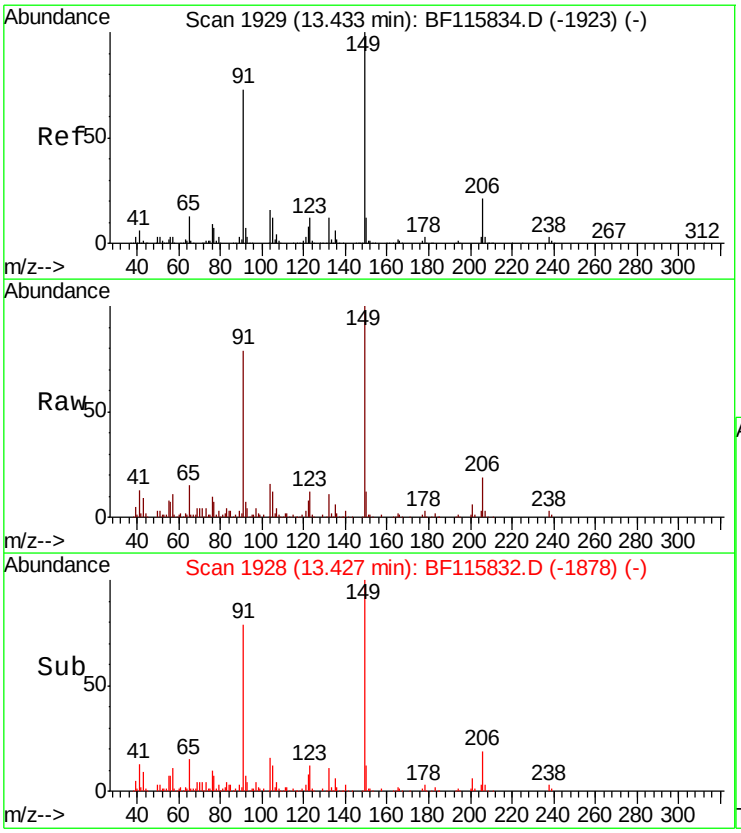
#79
Terphenyl-d14
Concen: 21.385 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 621967

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.5	9.4	14.2

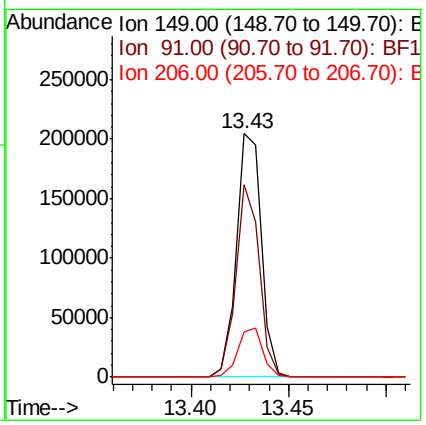


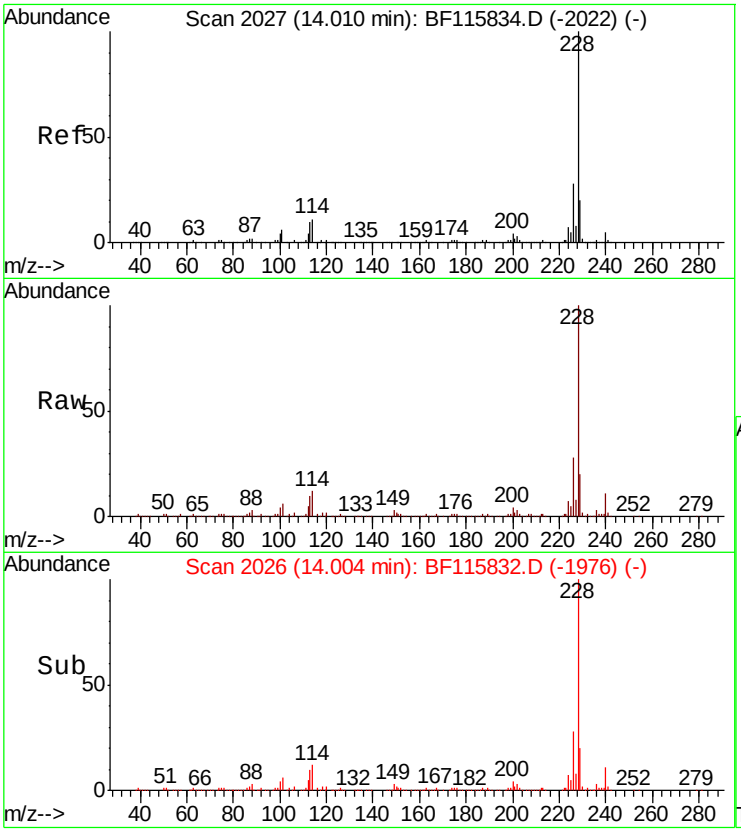


#80
Butylbenzylphthalate
Concen: 9.366 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:149 Resp: 181532

Ion	Ratio	Lower	Upper
149	100		
91	78.9	58.2	87.4
206	18.7	16.9	25.3



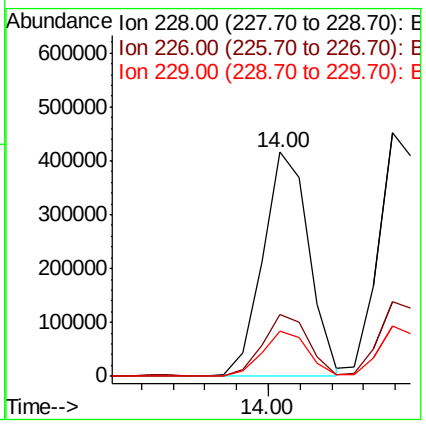


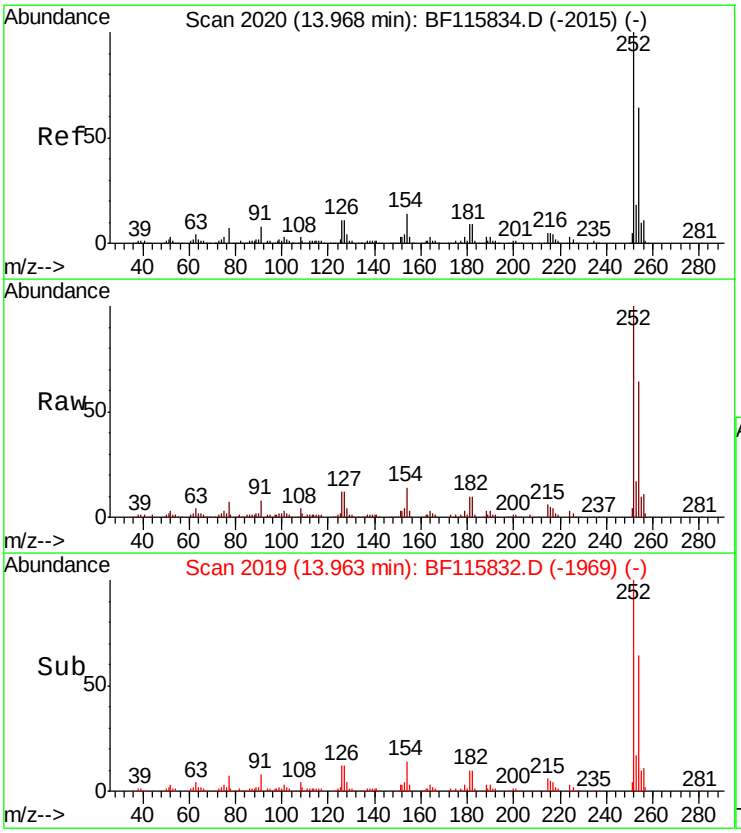
#81
Benzo(a)anthracene
Concen: 11.920 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 421448

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	16.3	24.5

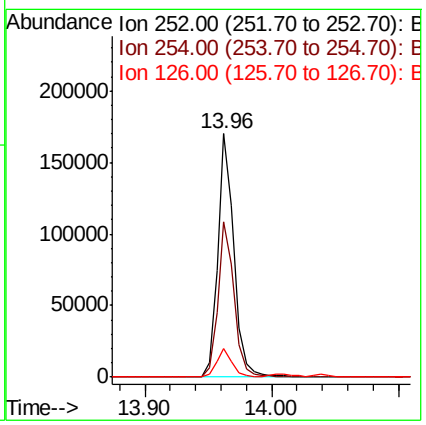


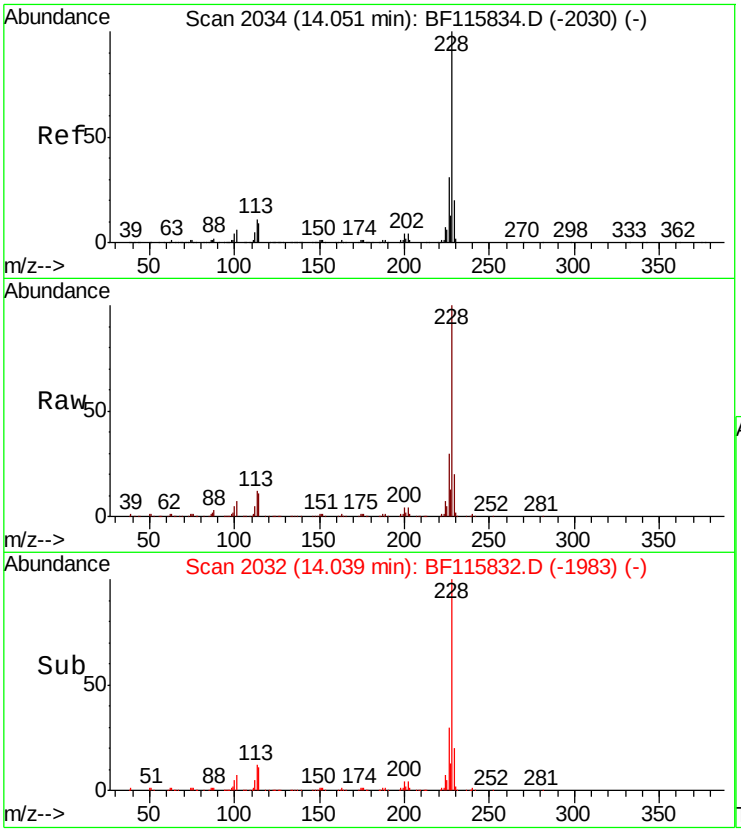


#82
3,3'-Dichlorobenzidine
Concen: 12.099 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:252 Resp: 152069

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.1	76.7
126	11.8	9.1	13.7



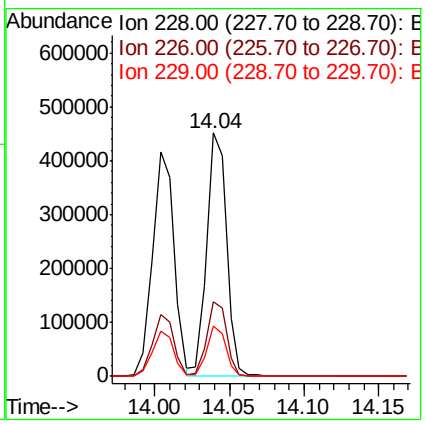


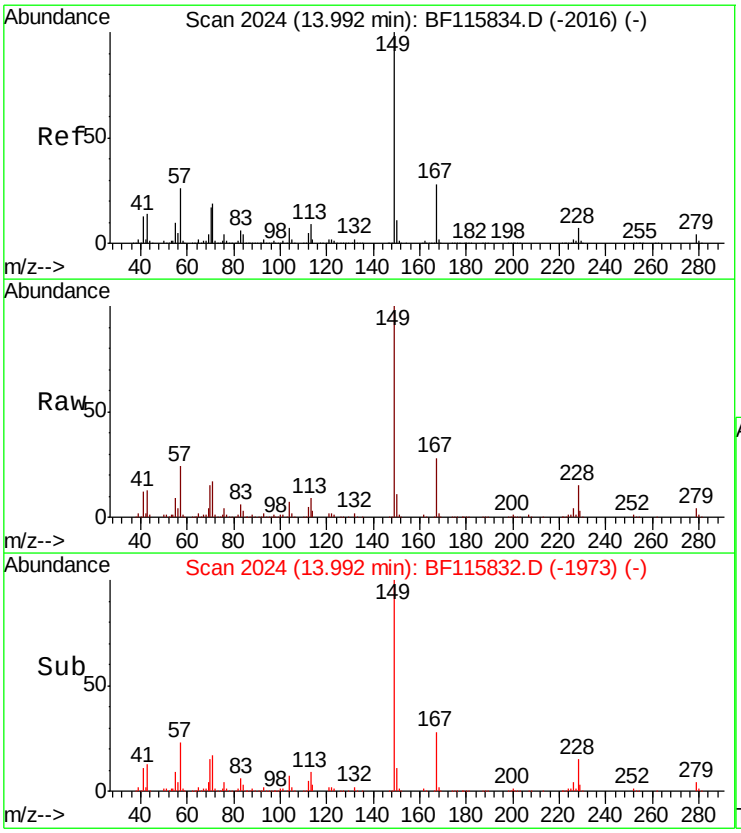
#83
Chrysene
Concen: 11.759 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 417361

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.5	16.0	24.0

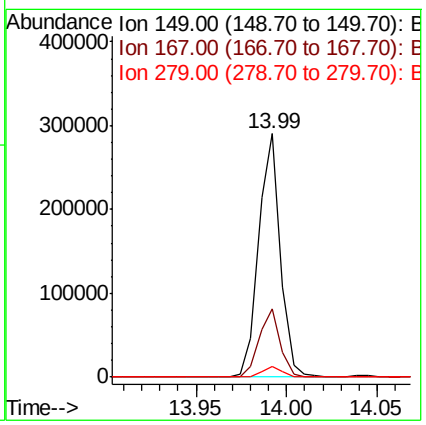


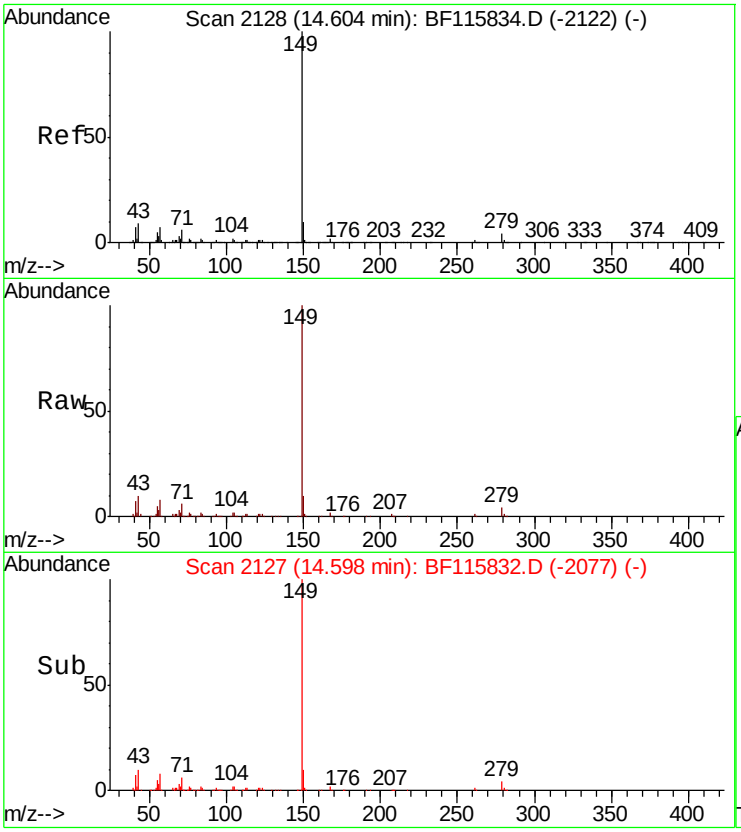


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.072 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:149 Resp: 241810

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.3	3.1	4.7



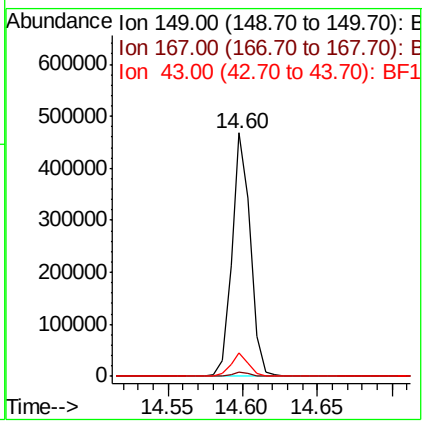


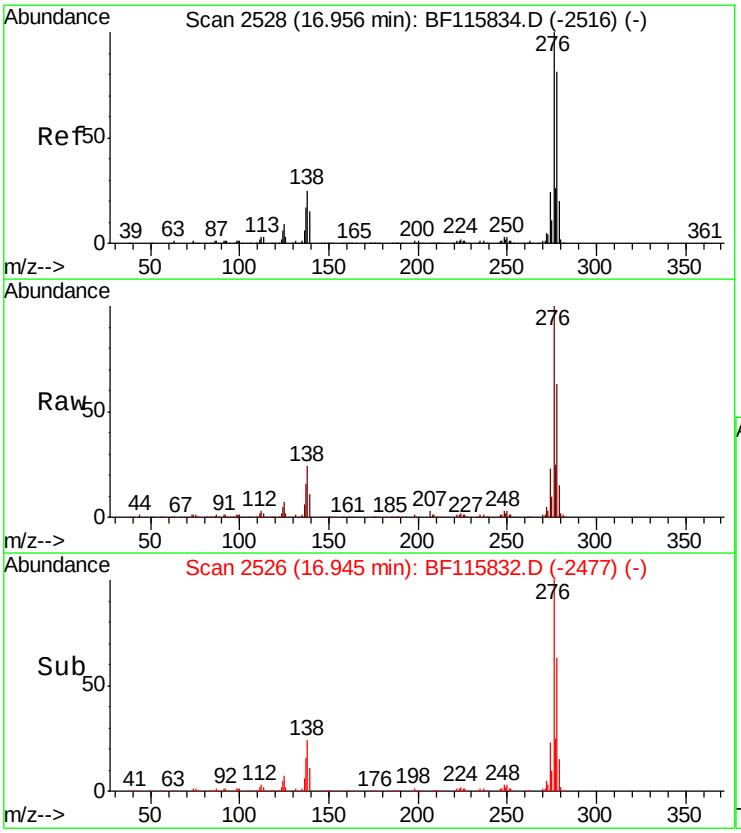
#85
Di-n-octyl phthalate
Concen: 10.627 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 405972

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

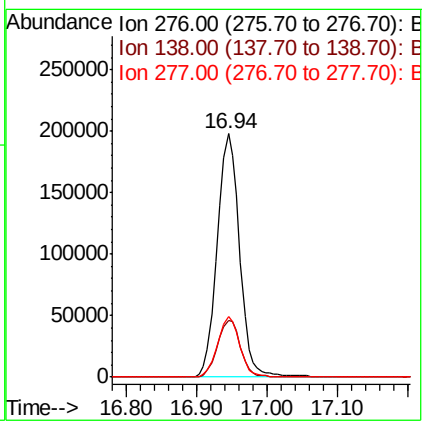


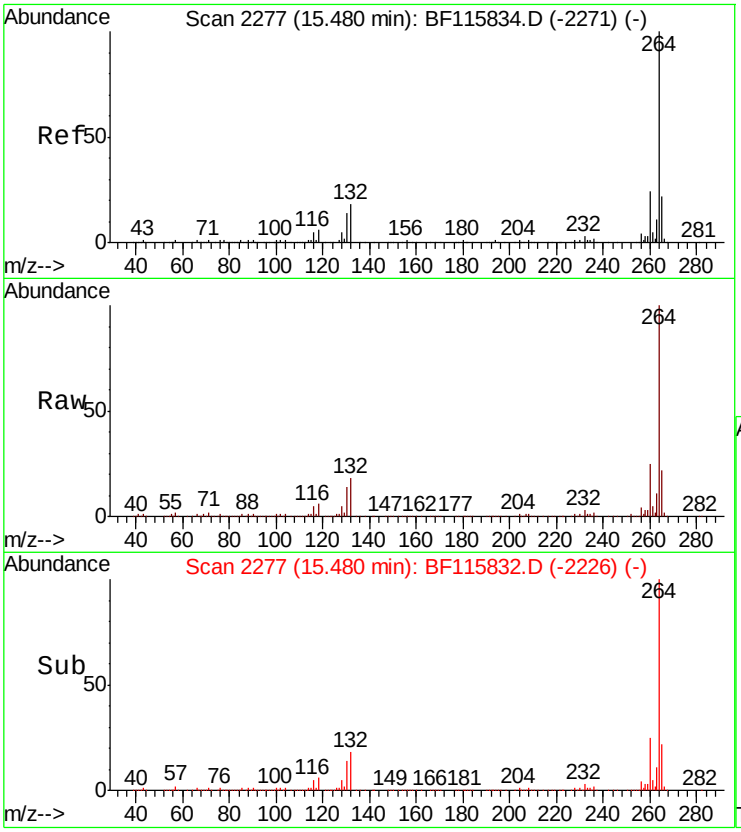


#86
Indeno(1,2,3-cd)pyrene
Concen: 14.469 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:276 Resp: 436277

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	24.6	20.3	30.5



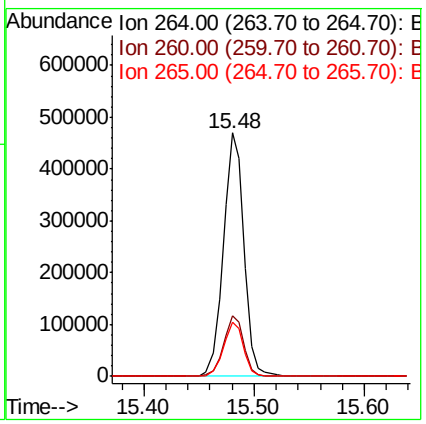


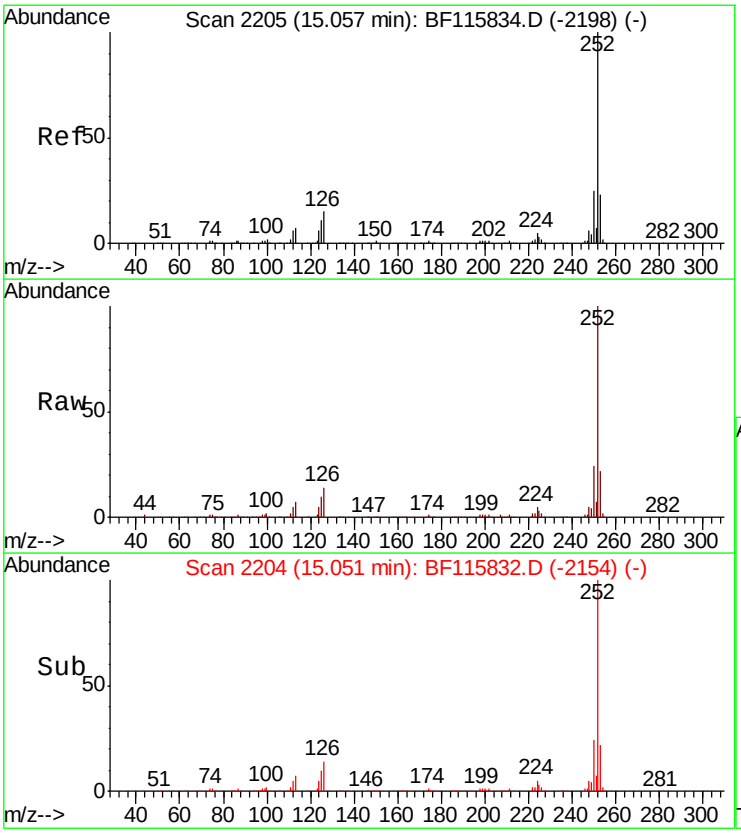
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 610408

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.4	17.6	26.4

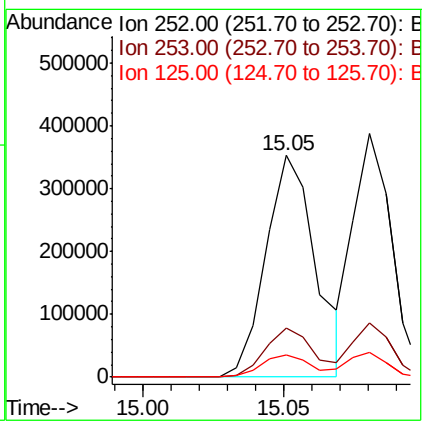


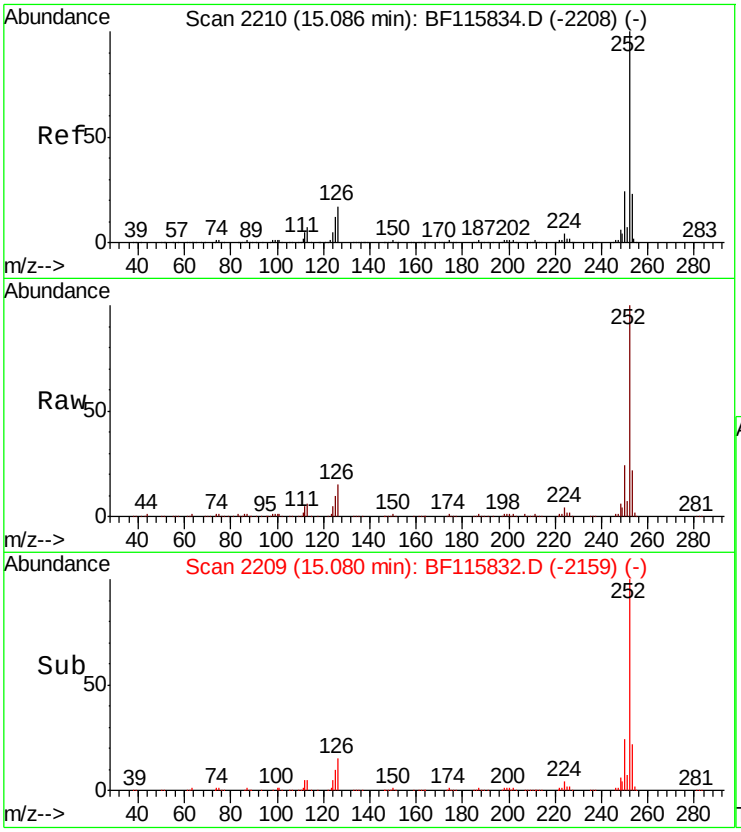


#88
Benzo(b)fluoranthene
Concen: 11.033 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:252 Resp: 433668

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	9.2	13.8



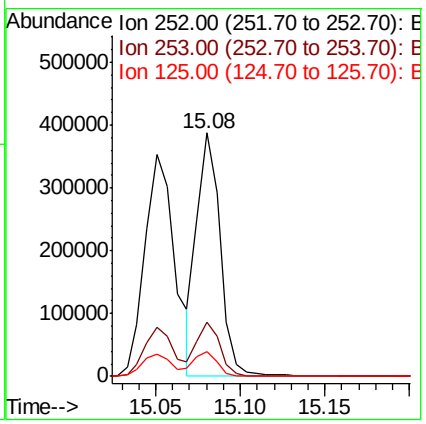


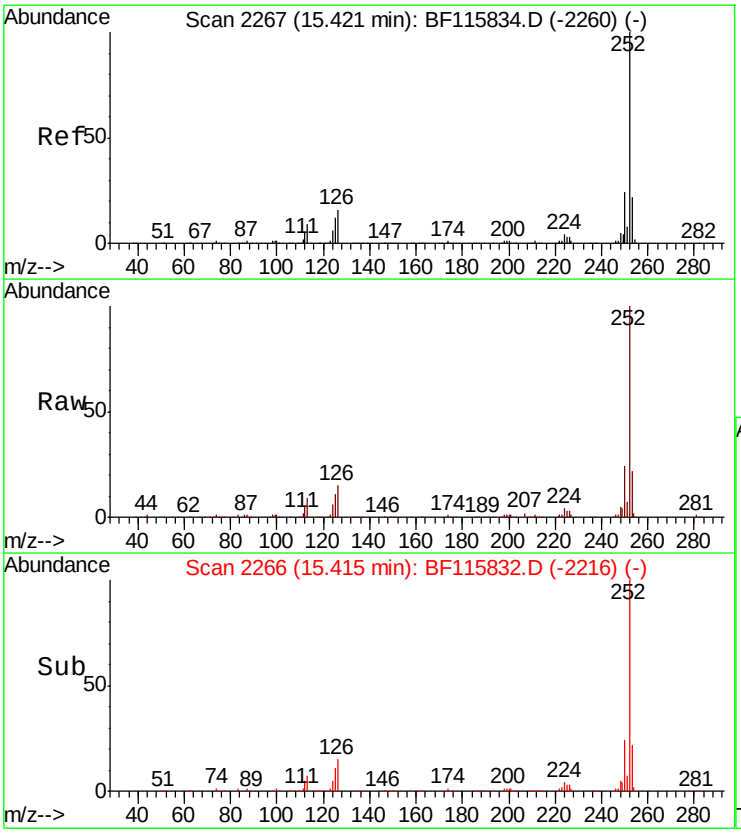
#89
Benzo(k)fluoranthene
Concen: 10.584 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 370878

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	10.4	9.5	14.3

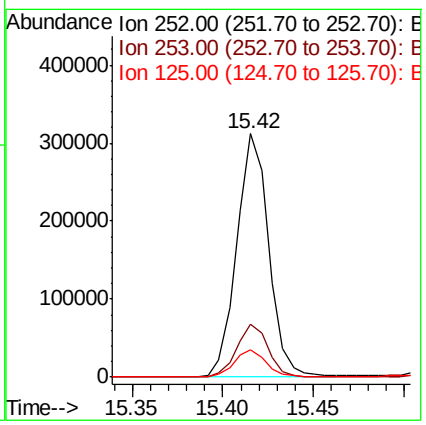


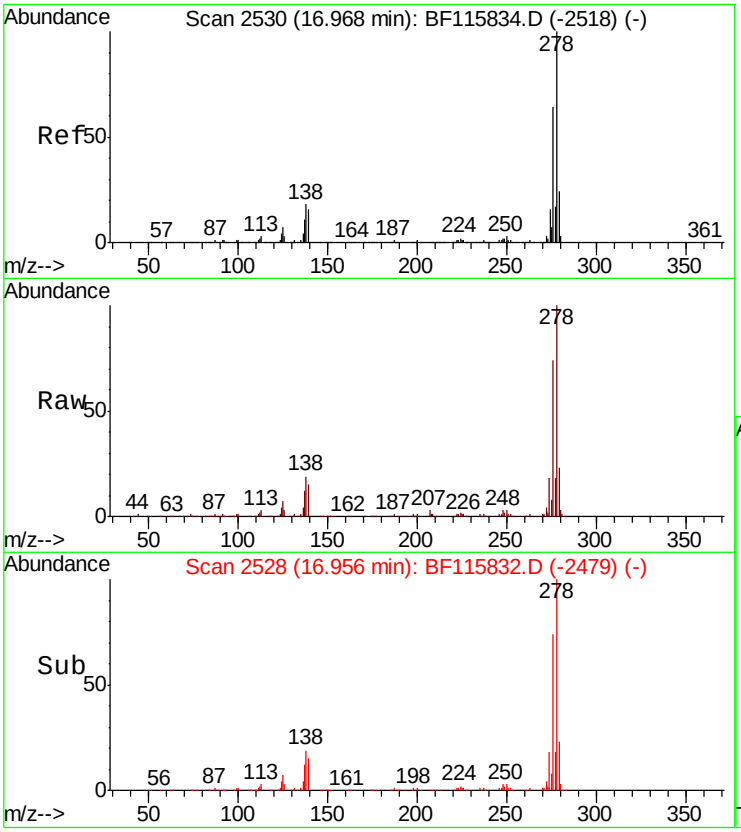


#90
Benzo(a)pyrene
Concen: 11.336 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:252 Resp: 382958

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.2	9.6	14.4



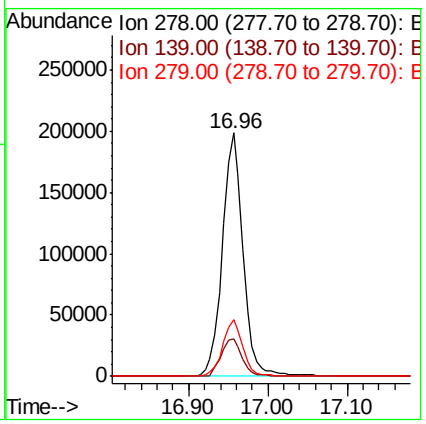


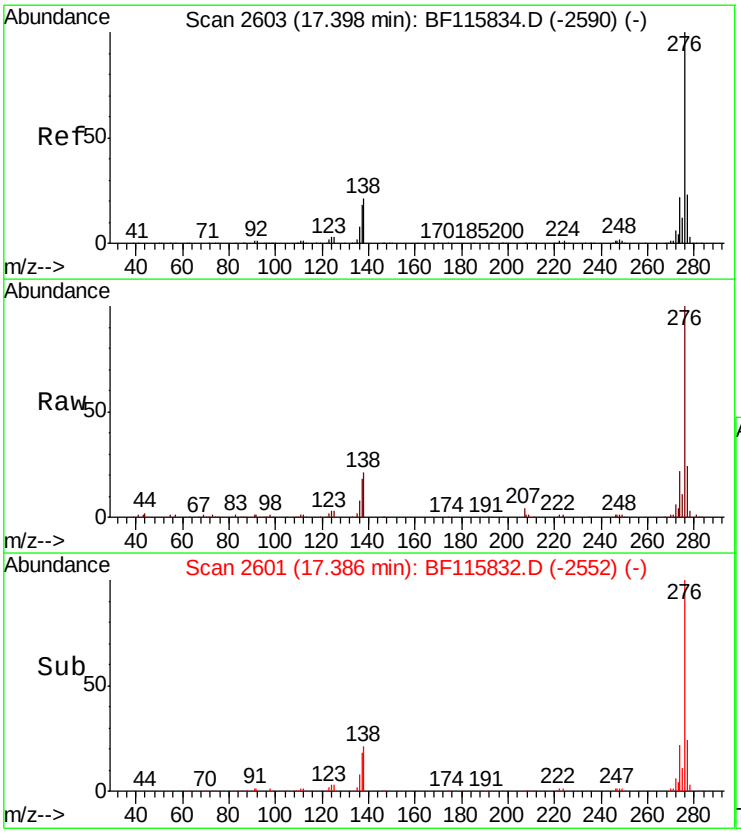
#91
Dibenzo(a,h)anthracene
Concen: 12.053 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Instrument :
BNA_F
ClientSampleId :

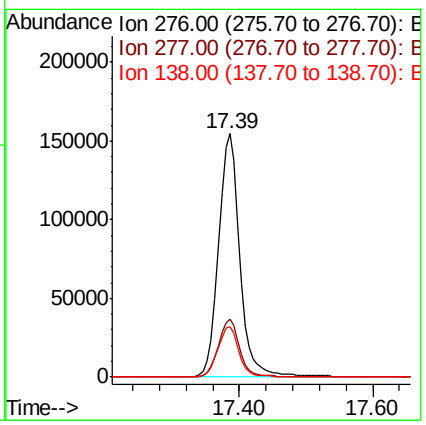
Tgt Ion:278 Resp: 357464

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.9	19.3
279	23.4	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 11.813 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 10:39

Tgt Ion:276 Resp: 349409

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	20.6	16.9	25.3