Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115104.D
Acq On : 22 Jun 2019 3:09
Operator : HP/JU
Sample : PB120595BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 05:00:12 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	271958	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1064416	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	531505	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1045967	20.00	ng		0.00
76) Chrysene-d12	13.74	240	737600	20.00	ng		0.00
87) Perylene-d12	15.11	264	831742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1970368	111.80	ng		0.02
7) Phenol-d6	6.26	99	2428864	113.55	ng		0.00
23) Nitrobenzene-d5	7.18	82	1502426	86.83	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	696523	124.27	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2806577	89.69	ng		0.00
79) Terphenyl-d14	12.71	244	2980697	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	303676	36.511	ng		100
3) Pyridine	2.94	79	854097	36.434	ng		98
4) n-Nitrosodimethylamine	2.89	42	362790	39.476	ng		99
6) Aniline	6.28	93	761172	25.892	ng	#	78
8) 2-Chlorophenol	6.40	128	811097	40.930	ng		99
9) Benzaldehyde	6.15	77	169057	12.114	ng		97
10) Phenol	6.27	94	934489	37.296	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	747967	40.497	ng		100
12) 1,3-Dichlorobenzene	6.55	146	871398	39.622	ng		99
13) 1,4-Dichlorobenzene	6.63	146	883948	40.082	ng		98
14) 1,2-Dichlorobenzene	6.78	146	820605	40.180	ng		98
15) Benzyl Alcohol	6.77	79	599572	38.494	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1080239	40.325	ng		100
17) 2-Methylphenol	6.88	107	684346	41.838	ng		99
18) Hexachloroethane	7.13	117	321097	40.386	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	539637	39.406	ng		98
20) 3+4-Methylphenols	7.03	107	780151	41.306	ng		95
22) Acetophenone	7.03	105	1074073	44.077	ng	#	98
24) Nitrobenzene	7.20	77	823878	43.219	ng		99
25) Isophorone	7.44	82	1557327	43.935	ng		99
26) 2-Nitrophenol	7.51	139	442319	46.985	ng		98
27) 2,4-Dimethylphenol	7.56	122	767597	49.800	ng		100
28) bis(2-Chloroethoxy)methane	7.66	93	959380	42.822	ng		99
29) 2,4-Dichlorophenol	7.75	162	717730	45.122	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	773819	44.042	ng		99
31) Naphthalene	7.92	128	2298012	43.982	ng		99
32) Benzoic acid	7.70	122	587784	53.424	ng		100
33) 4-Chloroaniline	7.97	127	496280	20.783	ng		100
34) Hexachlorobutadiene	8.05	225	413800	42.977	ng		99
35) Caprolactam	8.34	113	124776	23.332	ng		96
36) 4-Chloro-3-methylphenol	8.46	107	714776	44.371	ng		95
37) 2-Methylnaphthalene	8.61	142	1600962	45.444	ng		99
38) 1-Methylnaphthalene	8.71	142	1516544	45.073	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	638320	42.500	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115104.D
Acq On : 22 Jun 2019 3:09
Operator : HP/JU
Sample : PB120595BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 05:00:12 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	757632	85.070 ng	100
43) 2,4,6-Trichlorophenol	8.89	196	513272	44.265 ng	99
44) 2,4,5-Trichlorophenol	8.93	196	526380	44.081 ng	98
46) 1,1'-Biphenyl	9.08	154	1810501	42.572 ng	98
47) 2-Chloronaphthalene	9.10	162	1480289	42.911 ng	97
48) 2-Nitroaniline	9.19	65	433296	43.083 ng	95
49) Acenaphthylene	9.51	152	2315951	43.090 ng	99
50) Dimethylphthalate	9.38	163	1701233	43.505 ng	99
51) 2,6-Dinitrotoluene	9.44	165	406013	44.973 ng	98
52) Acenaphthene	9.68	154	1410608	41.942 ng	99
53) 3-Nitroaniline	9.60	138	305316	27.713 ng	98
54) 2,4-Dinitrophenol	9.71	184	424793	90.392 ng	98
55) Dibenzofuran	9.85	168	2018611	41.818 ng	99
56) 4-Nitrophenol	9.77	139	773027	87.522 ng	98
57) 2,4-Dinitrotoluene	9.84	165	543593	46.633 ng	91
58) Fluorene	10.20	166	1388849	42.908 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	457984	45.739 ng	99
60) Diethylphthalate	10.08	149	1710020	43.504 ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	660032	42.898 ng	97
62) 4-Nitroaniline	10.21	138	468666	42.405 ng	97
63) Azobenzene	10.35	77	1597798	43.519 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	256001	46.205 ng	93
66) n-Nitrosodiphenylamine	10.31	169	1434509	44.021 ng	99
67) 4-Bromophenyl-phenylether	10.68	248	485722	42.831 ng	94
68) Hexachlorobenzene	10.74	284	529018	42.977 ng	94
69) Atrazine	10.84	200	451816	43.102 ng	99
70) Pentachlorophenol	10.93	266	630616	80.416 ng	97
71) Phenanthrene	11.15	178	2297325	40.793 ng	100
72) Anthracene	11.20	178	2385928	41.971 ng	98
73) Carbazole	11.35	167	2147325	42.301 ng	98
74) Di-n-butylphthalate	11.70	149	2496542	42.560 ng	98
75) Fluoranthene	12.32	202	2389691	42.529 ng	99
77) Benzidine	12.45	184	868197	26.508 ng	100
78) Pyrene	12.55	202	2466216	43.507 ng	98
80) Butylbenzylphthalate	13.19	149	1157406	46.267 ng	93
81) Benzo(a)anthracene	13.73	228	2241772	42.357 ng	98
82) 3,3'-Dichlorobenzidine	13.70	252	612343	32.039 ng	98
83) Chrysene	13.77	228	2051236	42.310 ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1498697	45.722 ng	100
85) Di-n-octyl phthalate	14.37	149	2580879	46.863 ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2562453	44.668 ng	99
88) Benzo(b)fluoranthene	14.74	252	2393883	46.126 ng	99
89) Benzo(k)fluoranthene	14.77	252	2108668	45.307 ng	99
90) Benzo(a)pyrene	15.06	252	2239190	47.870 ng	98
91) Dibenzo(a,h)anthracene	16.41	278	2118392	48.510 ng	99
92) Benzo(g,h,i)perylene	16.78	276	2156475	48.791 ng	98

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

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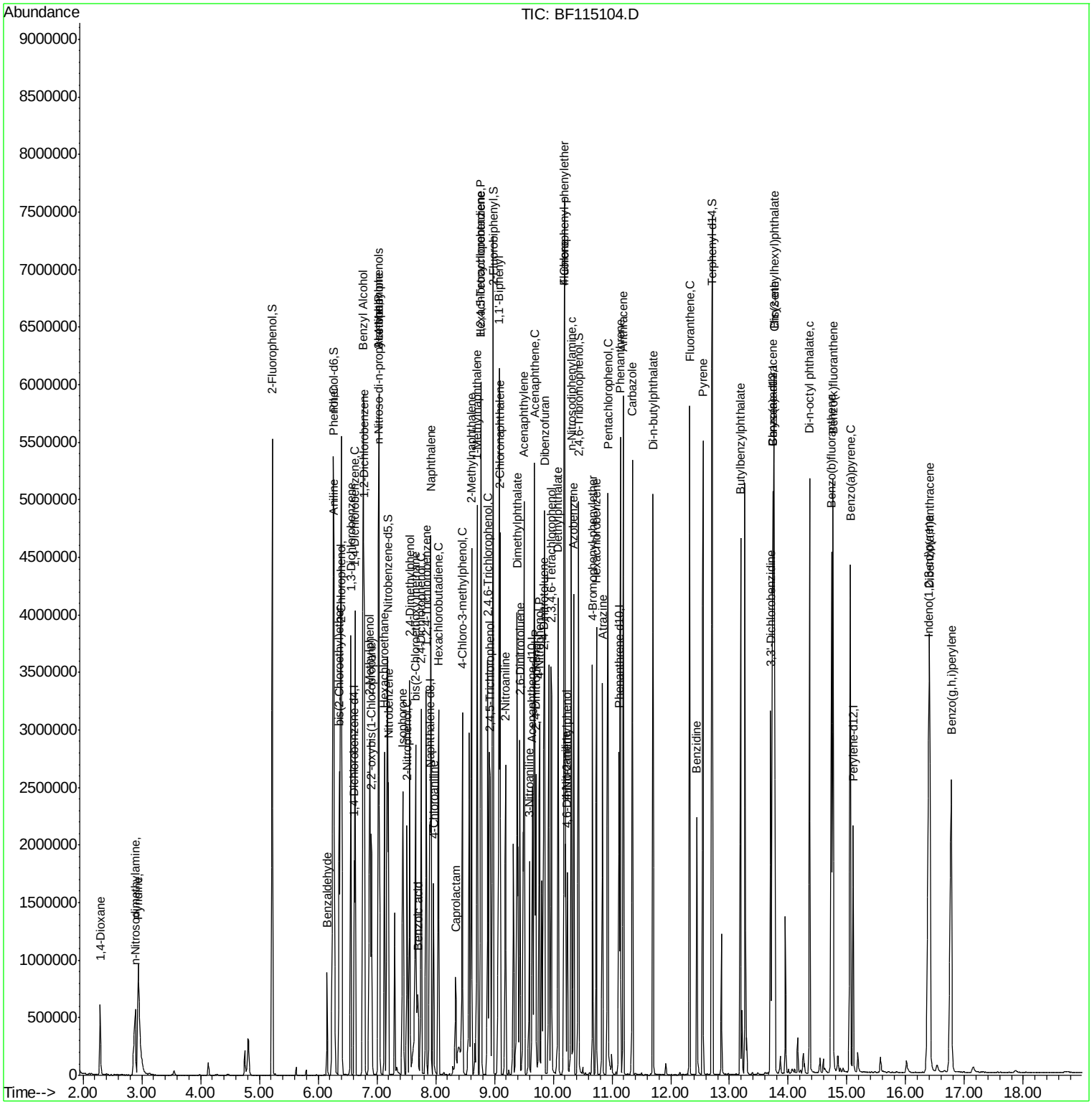
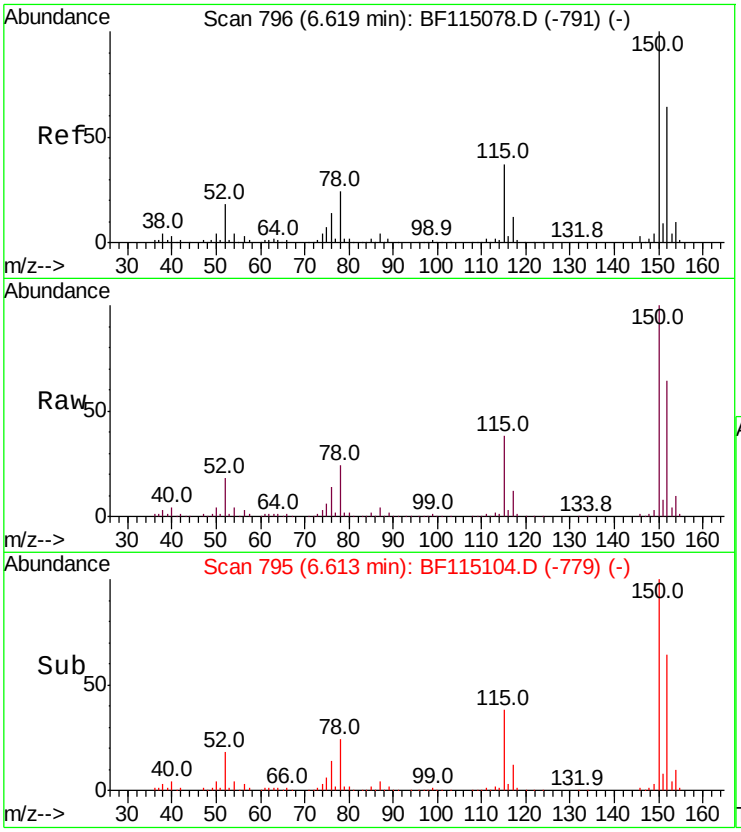
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115104.D
Acq On : 22 Jun 2019 3:09
Operator : HP/JU
Sample : PB120595BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 05:00:12 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 21 17:55:32 2019
Response via : Initial Calibration



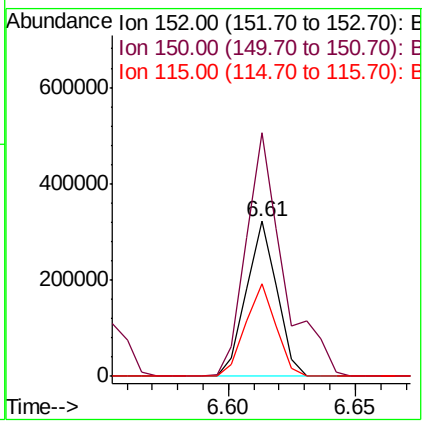


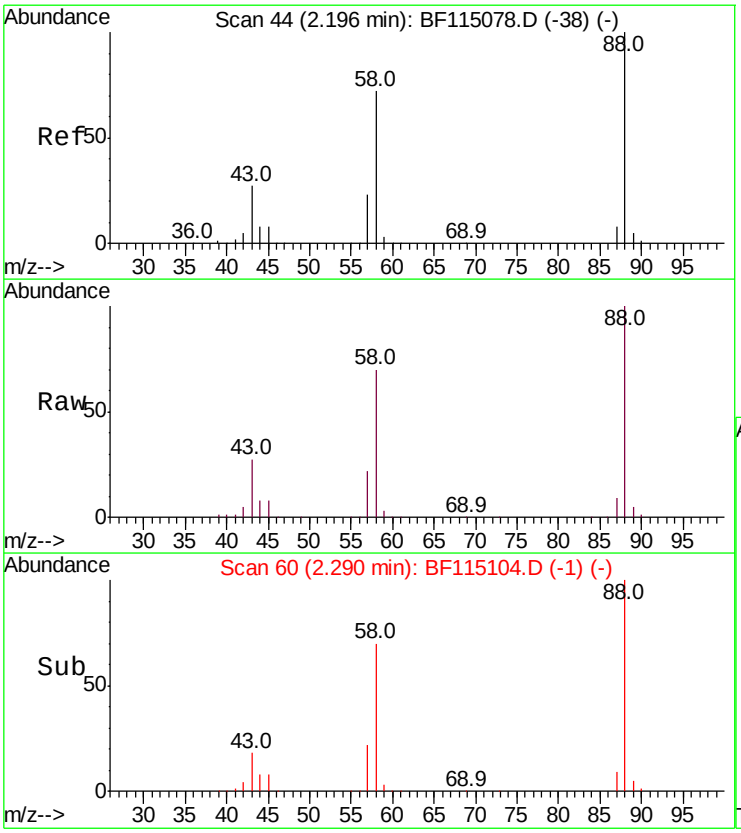
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 271958

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	59.5	46.1	69.1

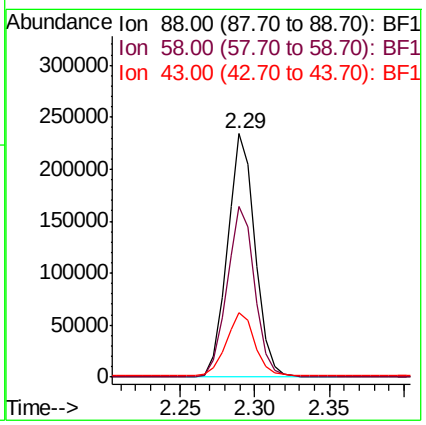


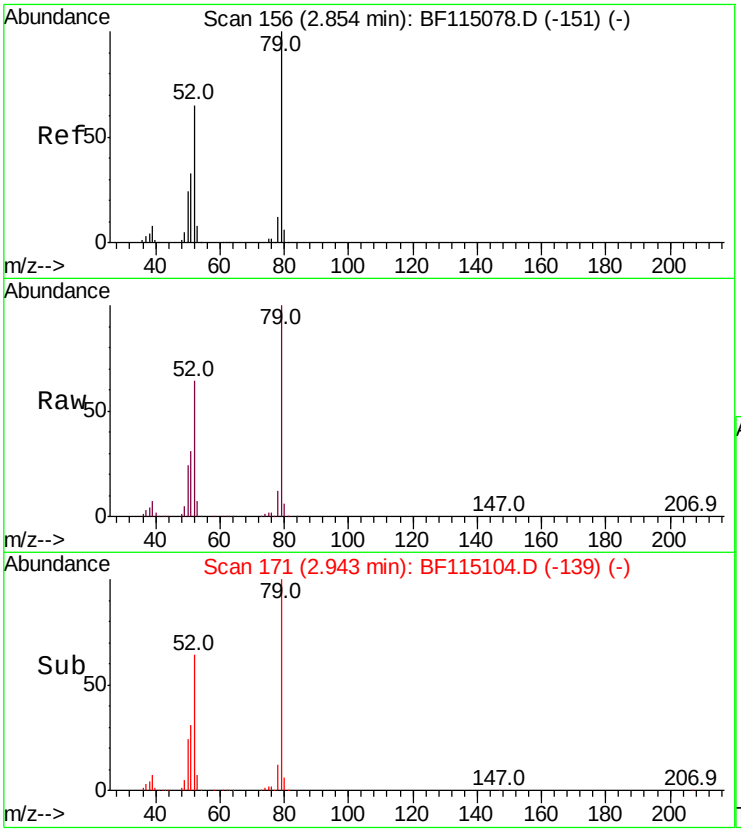


#2
1,4-Dioxane
Concen: 36.511 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 88 Resp: 303676

Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	26.3	21.3	31.9



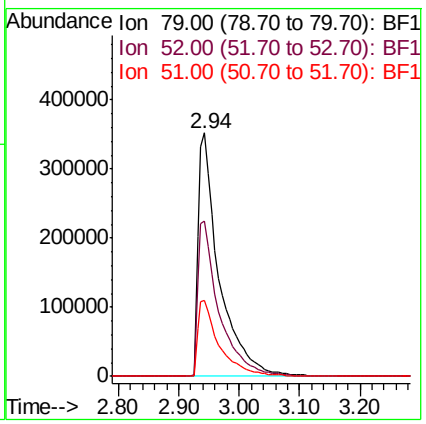


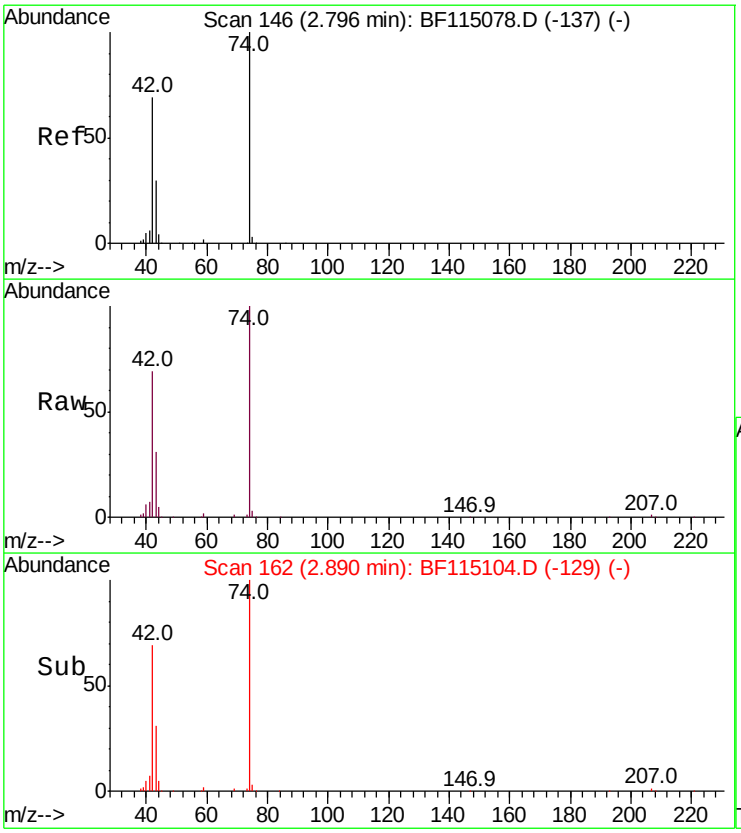
#3
Pyridine
Concen: 36.434 ng
RT: 2.94 min Scan# 171
Delta R.T. 0.09 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 854097

Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.3	78.5
51	31.0	26.1	39.1

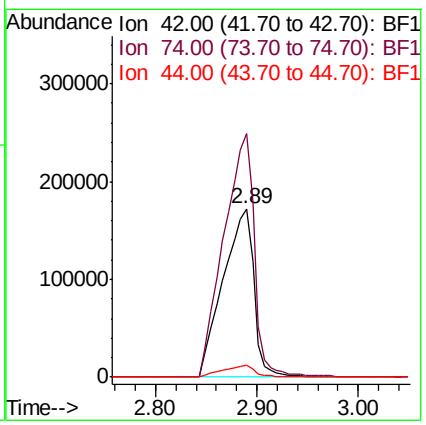


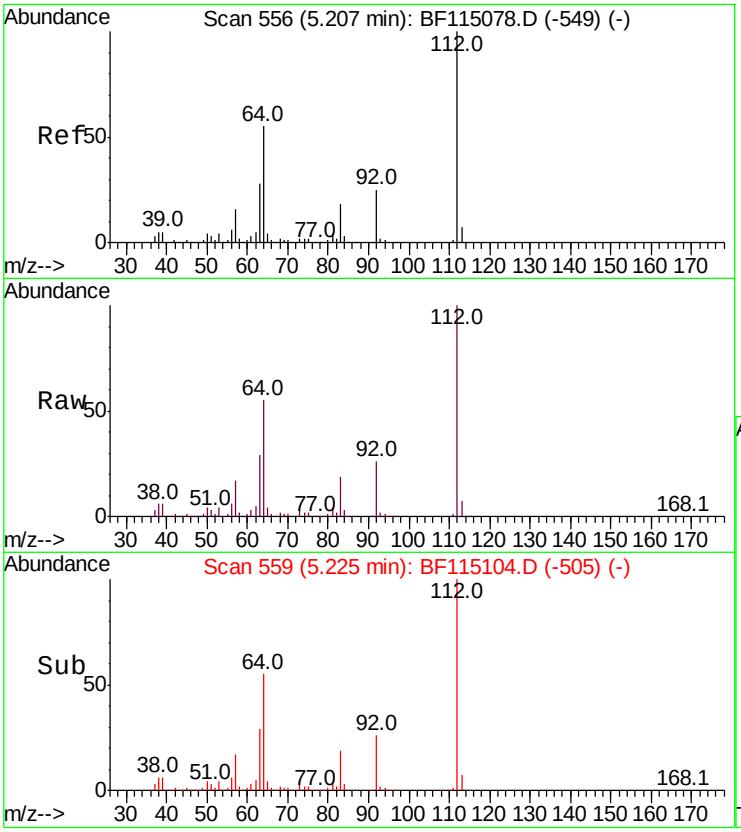


#4
n-Nitrosodimethylamine
Concen: 39.476 ng
RT: 2.89 min Scan# 162
Delta R.T. 0.09 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 42 Resp: 362790

Ion	Ratio	Lower	Upper
42	100		
74	144.8	116.6	175.0
44	7.3	5.3	7.9



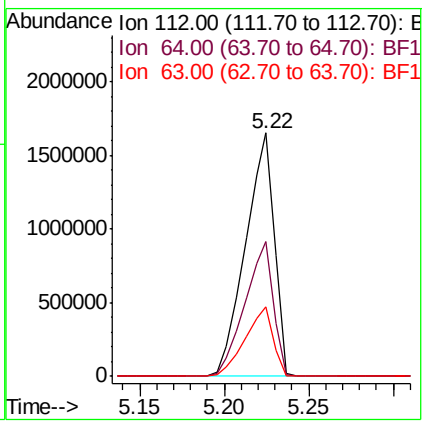


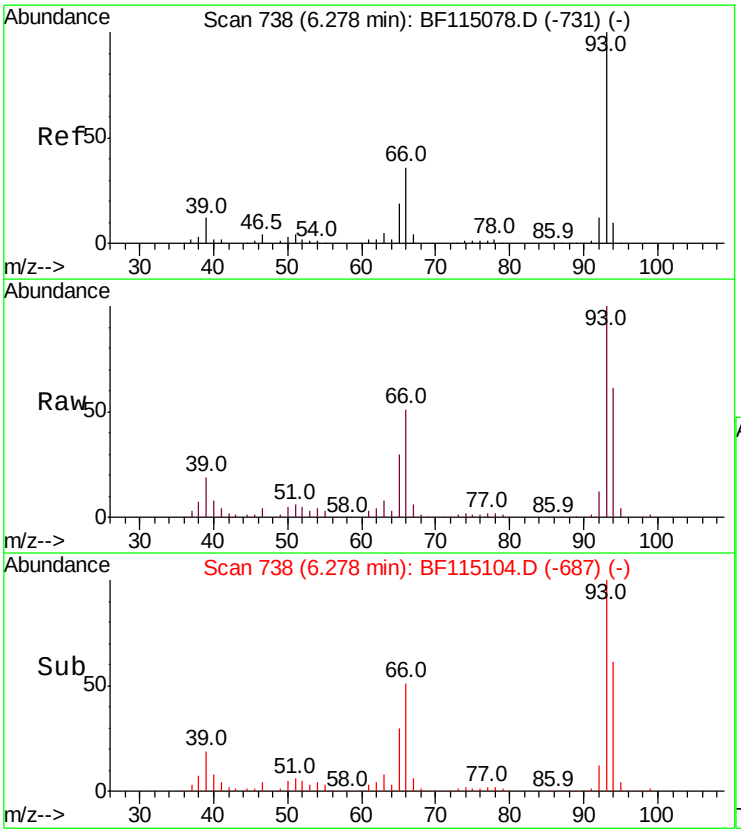
#5
2-Fluorophenol
Concen: 111.804 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1970368

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.8	65.6
63	28.5	22.2	33.4

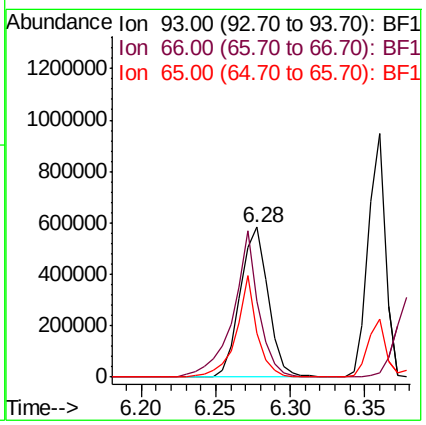


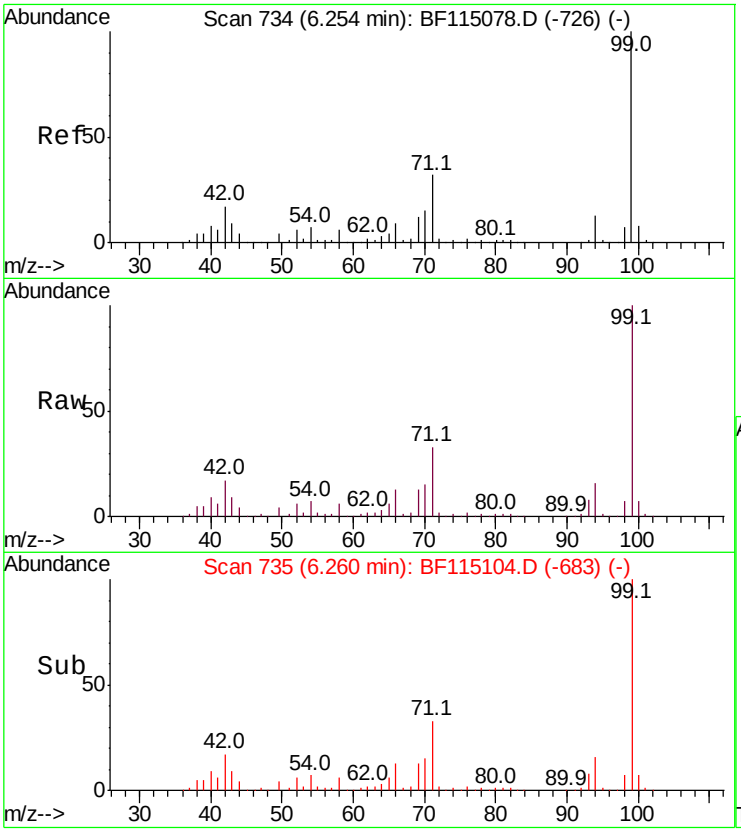


#6
Aniline
Concen: 25.892 ng
RT: 6.28 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 93 Resp: 761172

Ion	Ratio	Lower	Upper
93	100		
66	51.0	30.0	45.0#
65	29.6	15.6	23.4#



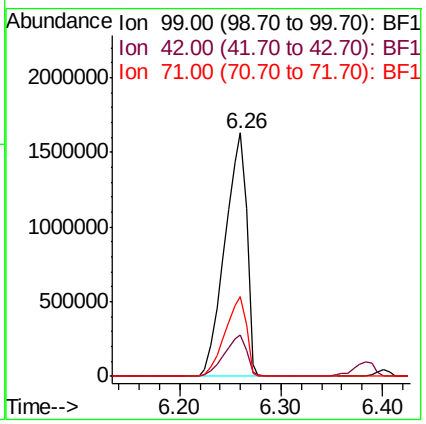


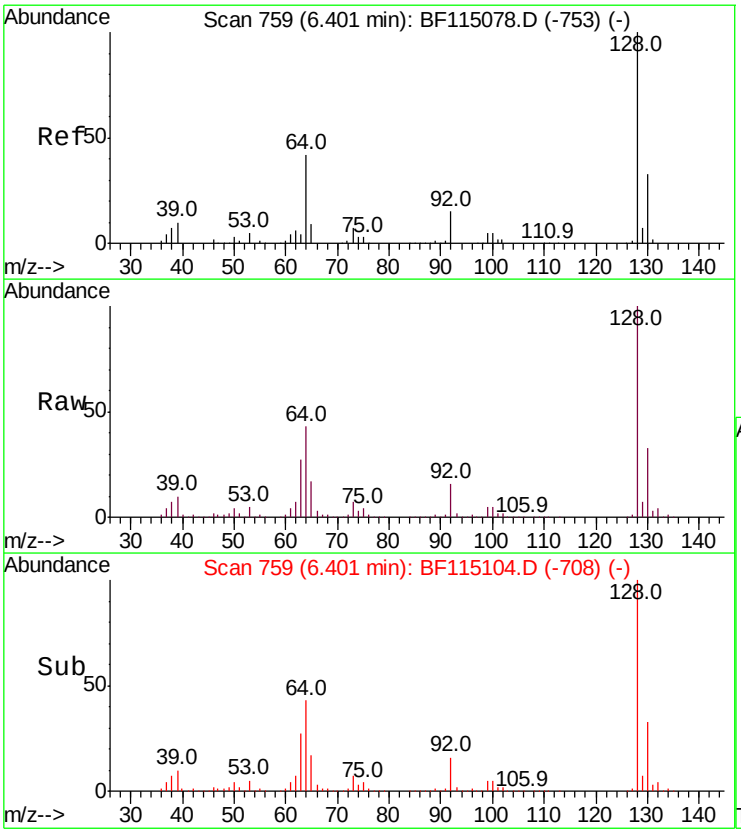
#7
Phenol-d6
Concen: 113.549 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2428864

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	33.0	25.5	38.3

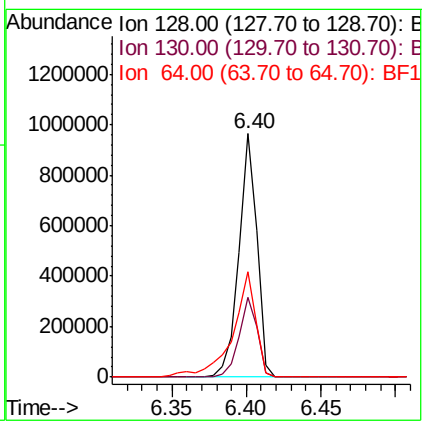


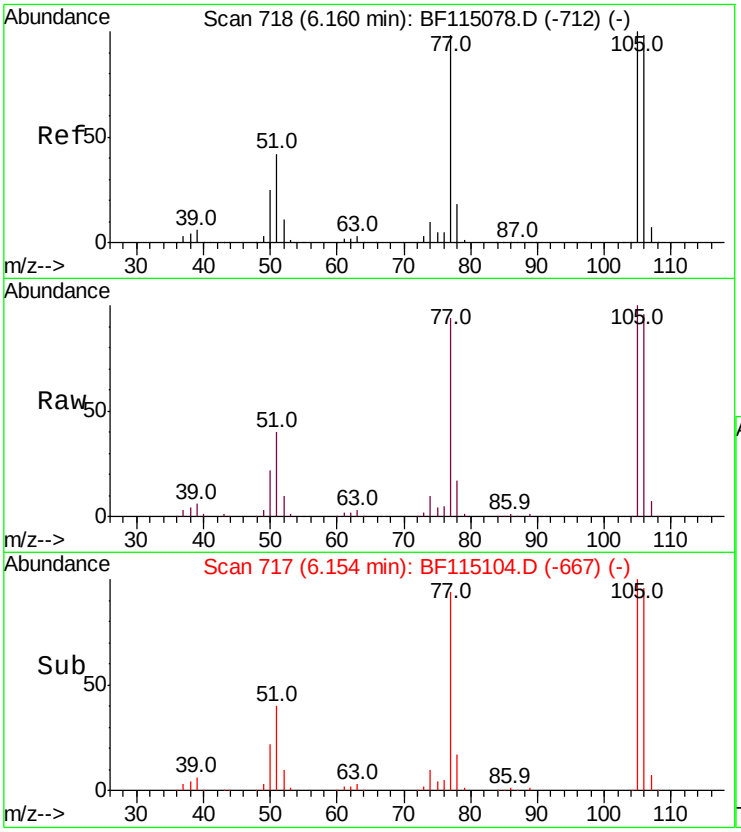


#8
2-Chlorophenol
Concen: 40.930 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:128 Resp: 811097

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	43.5	22.9	62.9

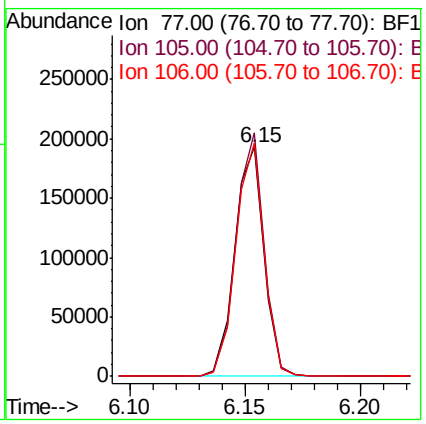




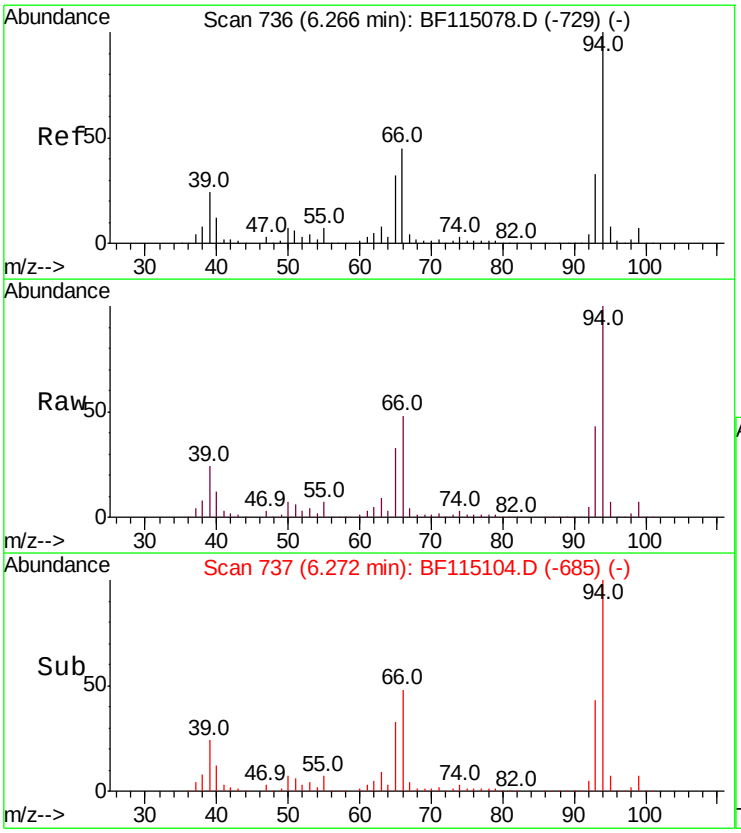
#9
Benzaldehyde
Concen: 12.114 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 77 Resp: 169057

Ion	Ratio	Lower	Upper
77	100		
105	106.3	81.5	121.5
106	101.8	79.7	119.7



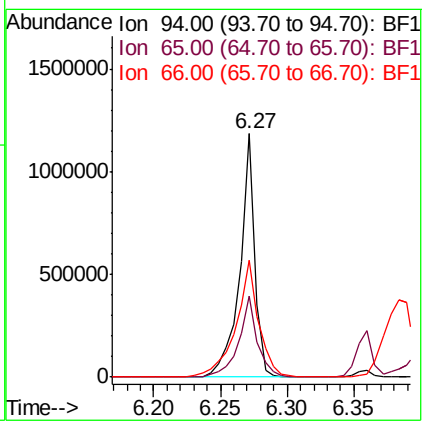
Instrument :
BNA_F
ClientSampleId :

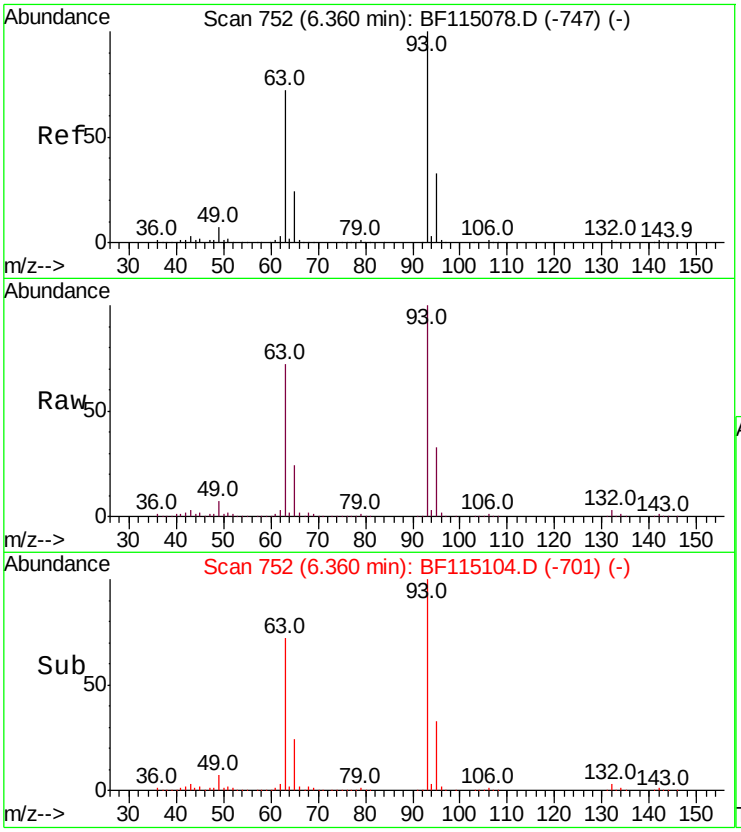


#10
Phenol
Concen: 37.296 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 94 Resp: 934489

Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.9	51.9
66	48.2	25.2	65.2



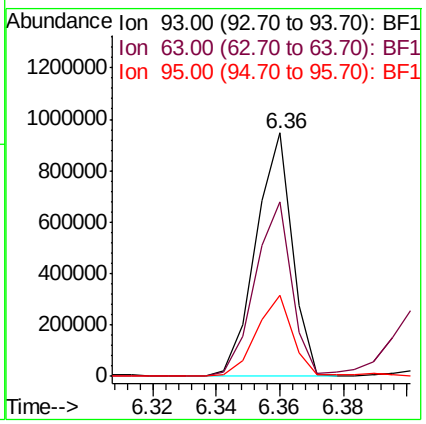


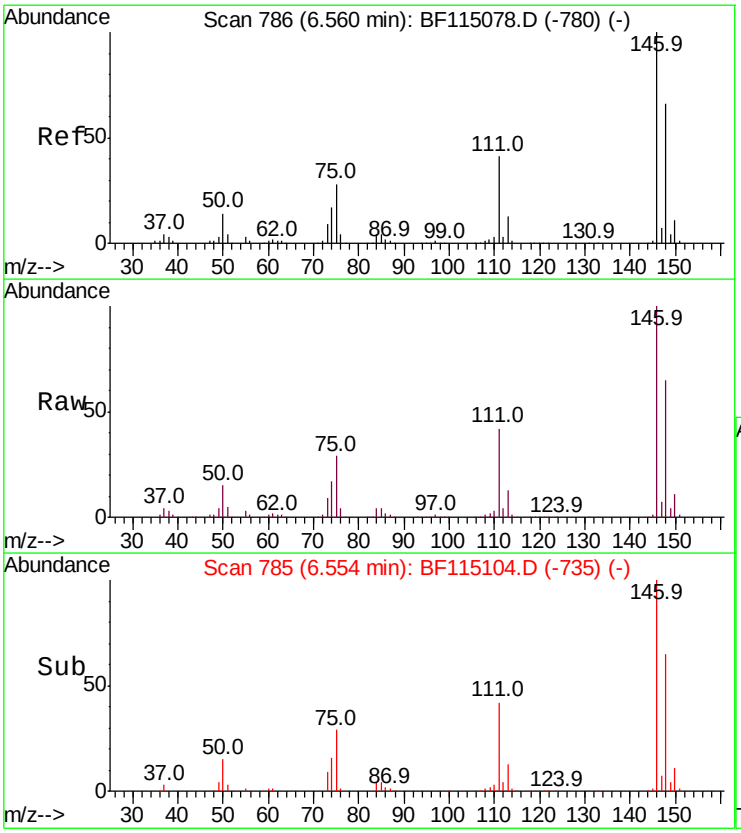
#11
bis(2-Chloroethyl)ether
Concen: 40.497 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 747967

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	33.2	13.4	53.4

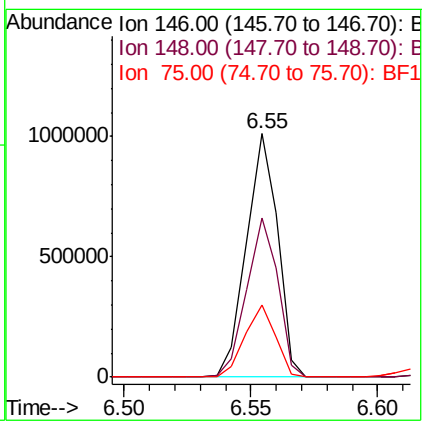


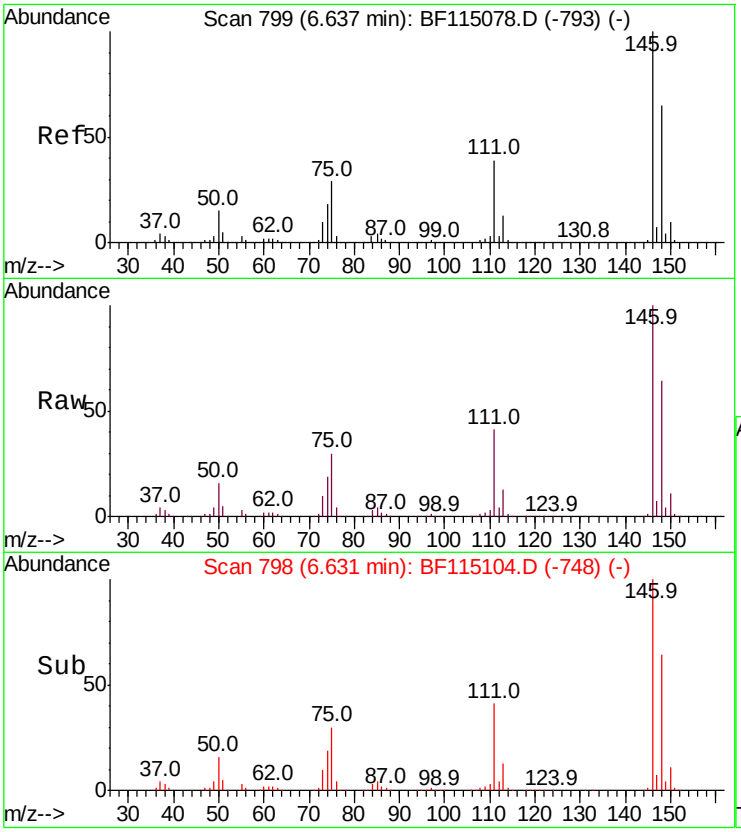


#12
1,3-Dichlorobenzene
Concen: 39.622 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:146 Resp: 871398

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	29.4	22.6	34.0



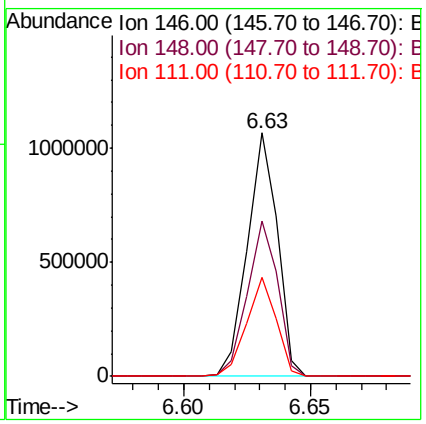


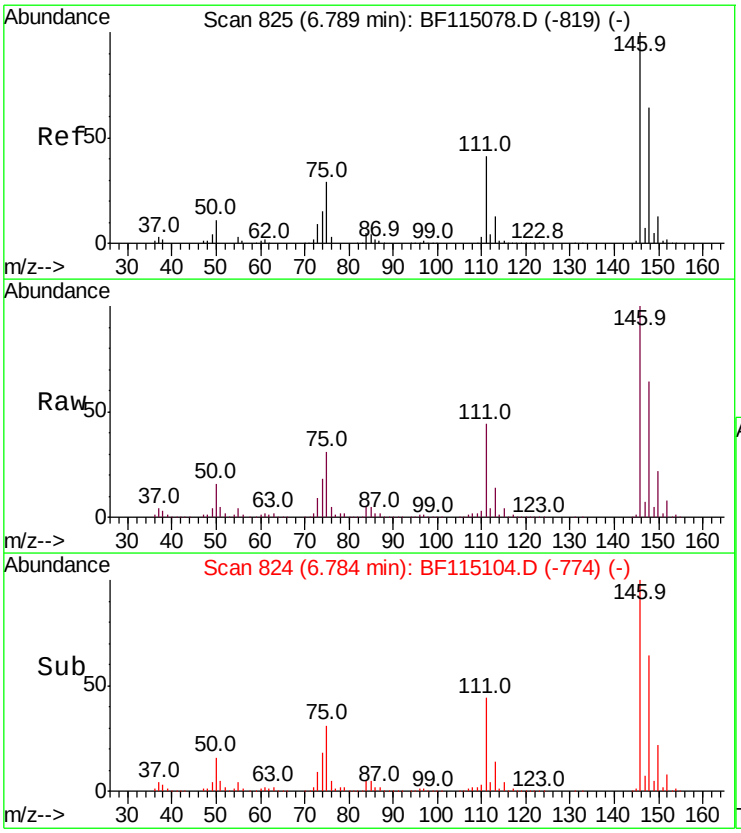
#13
1,4-Dichlorobenzene
Concen: 40.082 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 883948

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	40.8	31.4	47.0

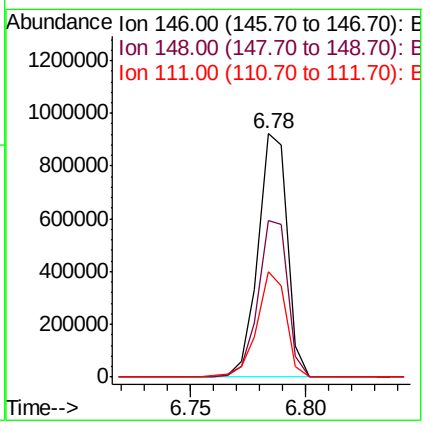


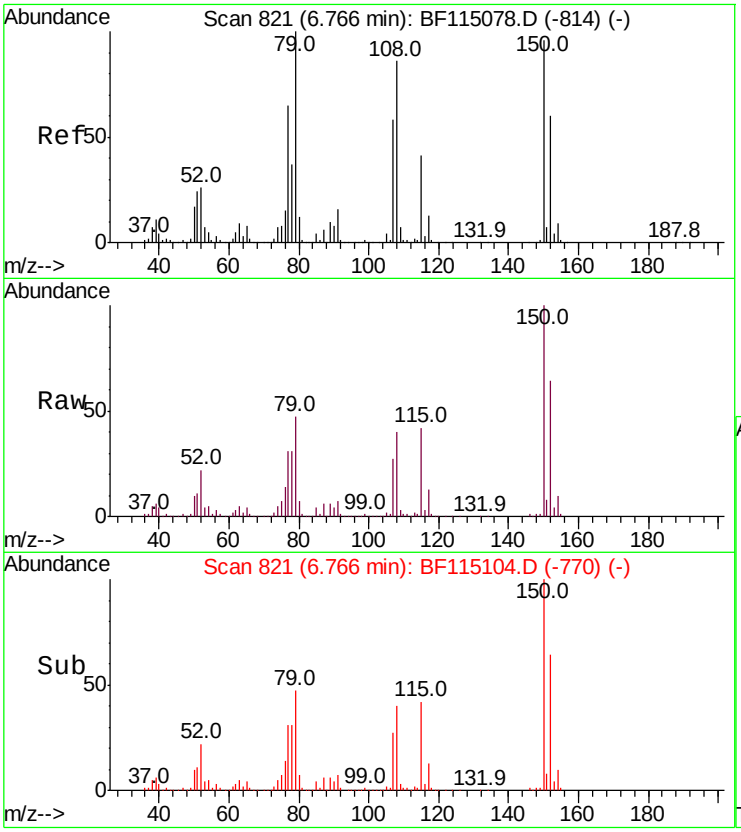


#14
1,2-Dichlorobenzene
Concen: 40.180 ng
RT: 6.78 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:146 Resp: 820605

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	43.5	33.2	49.8



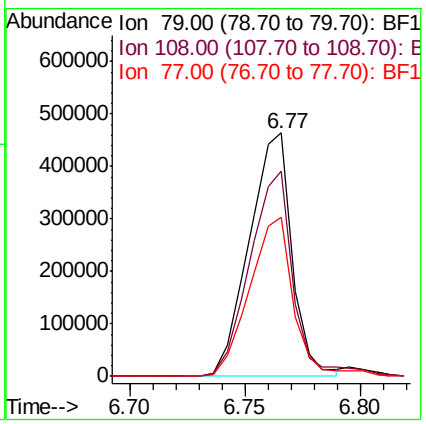


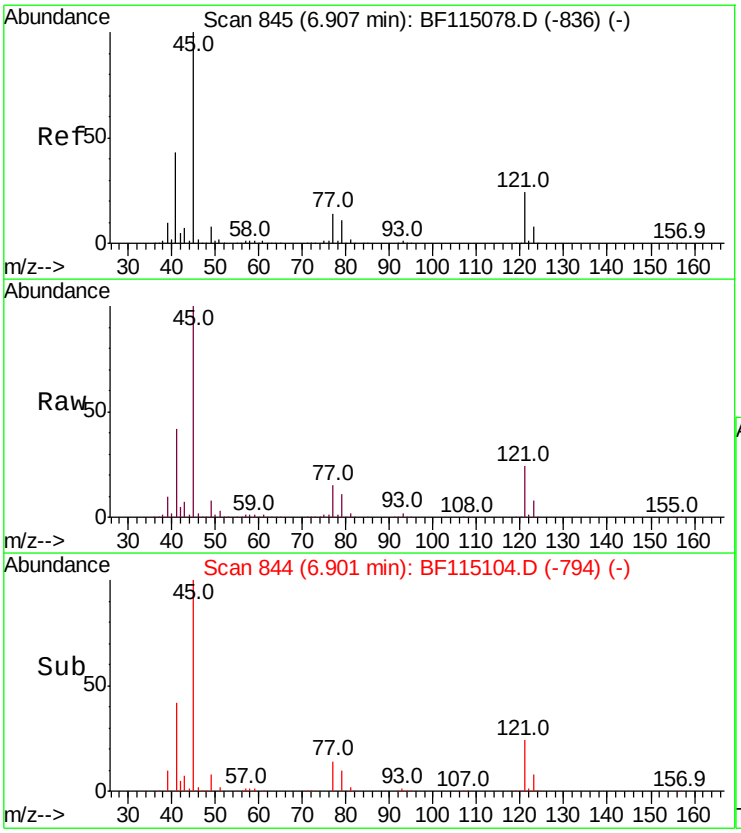
#15
Benzyl Alcohol
Concen: 38.494 ng
RT: 6.77 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 599572

Ion	Ratio	Lower	Upper
79	100		
108	84.0	68.7	103.1
77	65.6	51.7	77.5

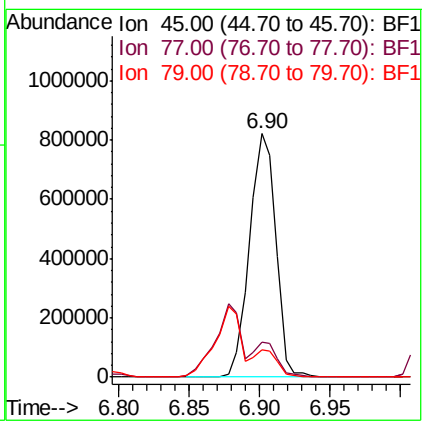


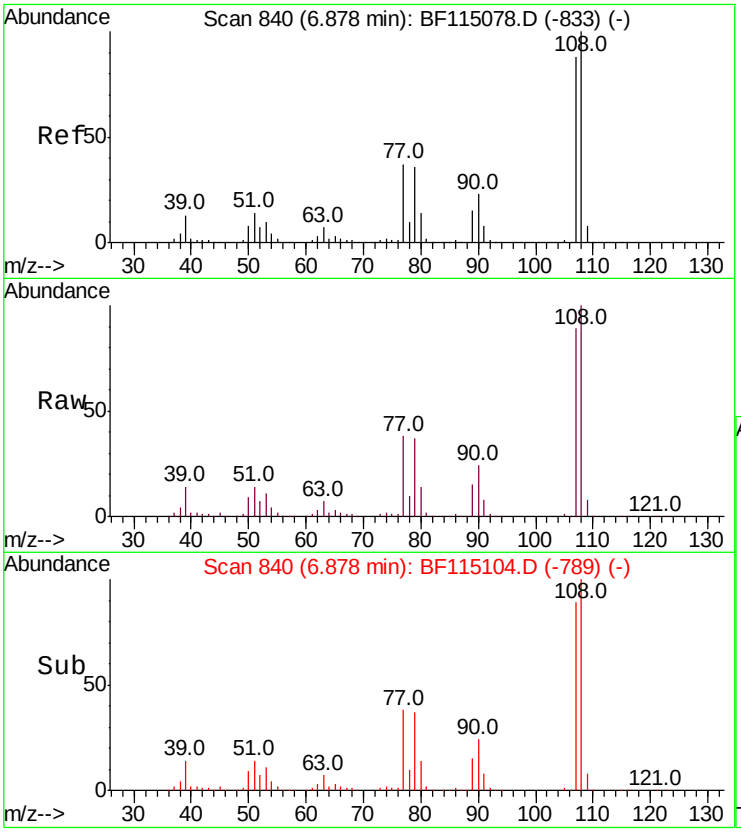


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.325 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 45 Resp: 1080239

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.6
79	11.1	0.0	31.2



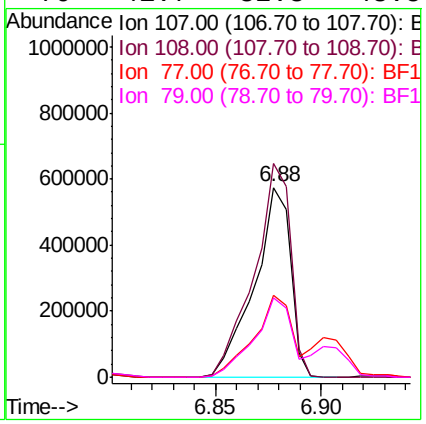


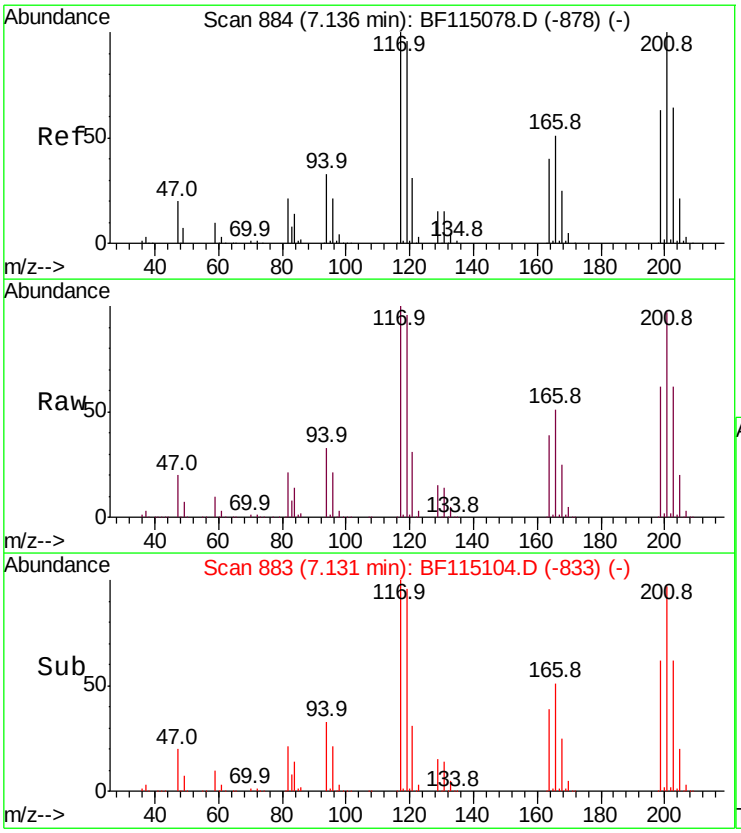
#17
2-Methylphenol
Concen: 41.838 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 684346

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	43.0	33.4	50.2
79	41.7	32.3	48.5

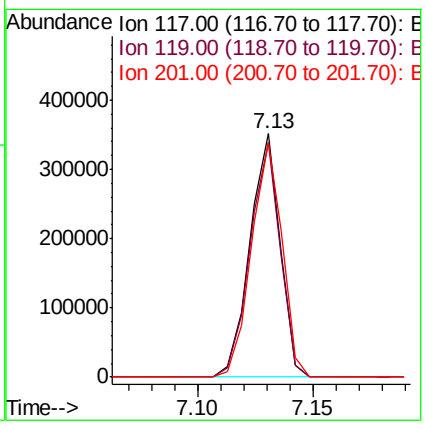


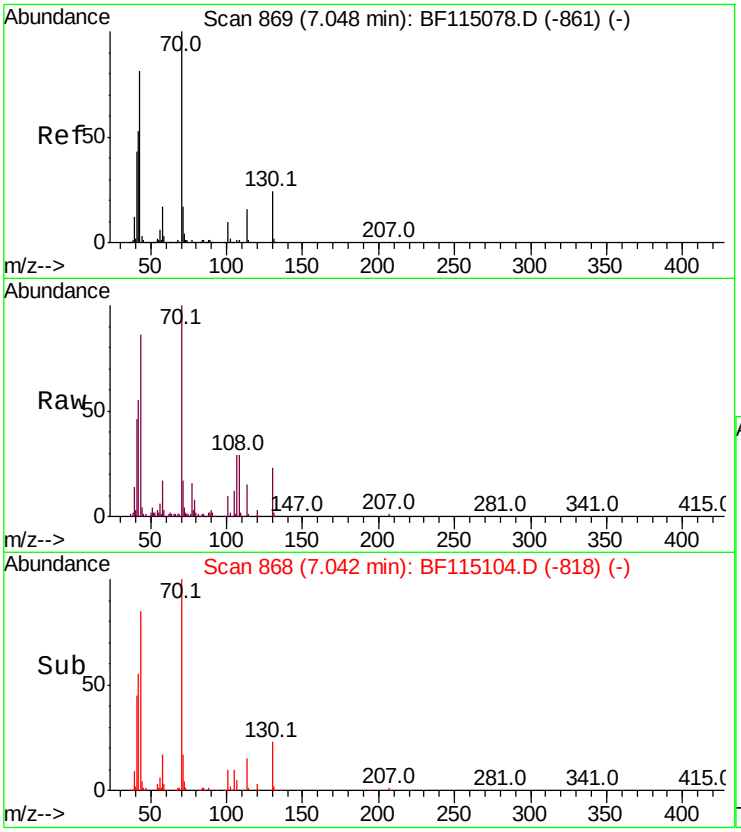


#18
Hexachloroethane
Concen: 40.386 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:117 Resp: 321097

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	96.5	80.2	120.2



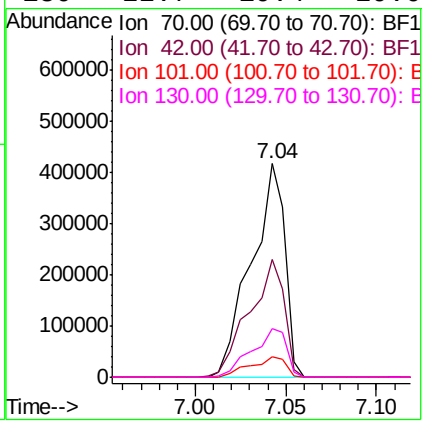


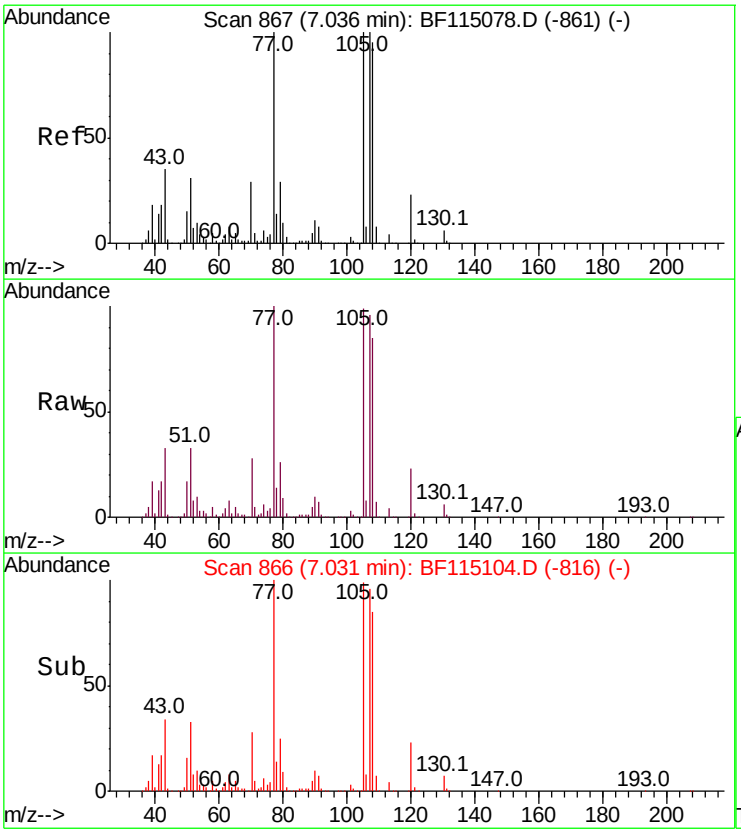
#19
n-Nitroso-di-n-propylamine
Concen: 39.406 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 539637

Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.6	63.8
101	9.8	8.0	12.0
130	22.7	19.4	29.0

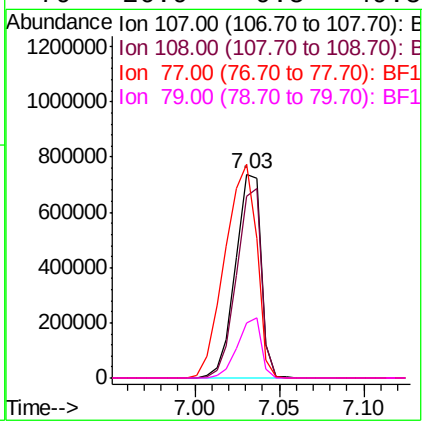


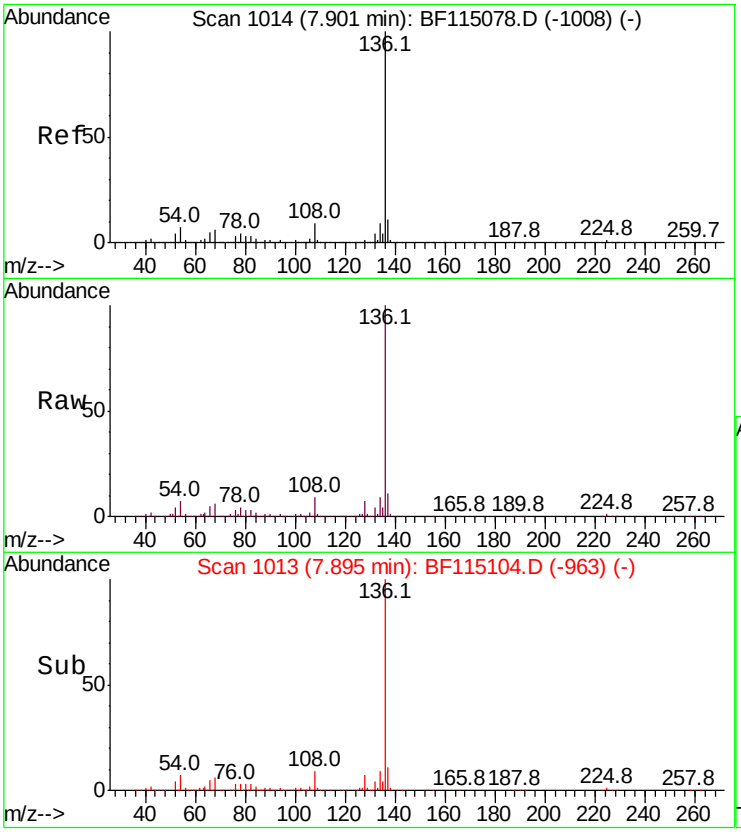


#20
3+4-Methylphenols
Concen: 41.306 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:107 Resp: 780151

Ion	Ratio	Lower	Upper
107	100		
108	89.1	75.5	115.5
77	104.7	80.2	120.2
79	26.9	9.5	49.5



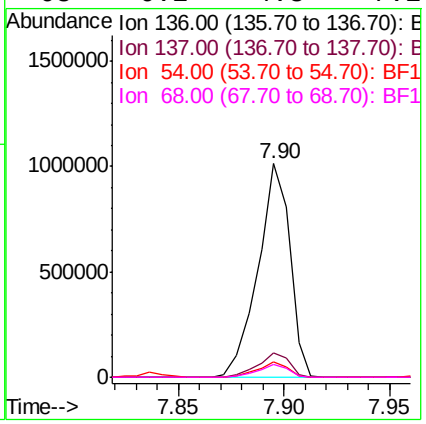


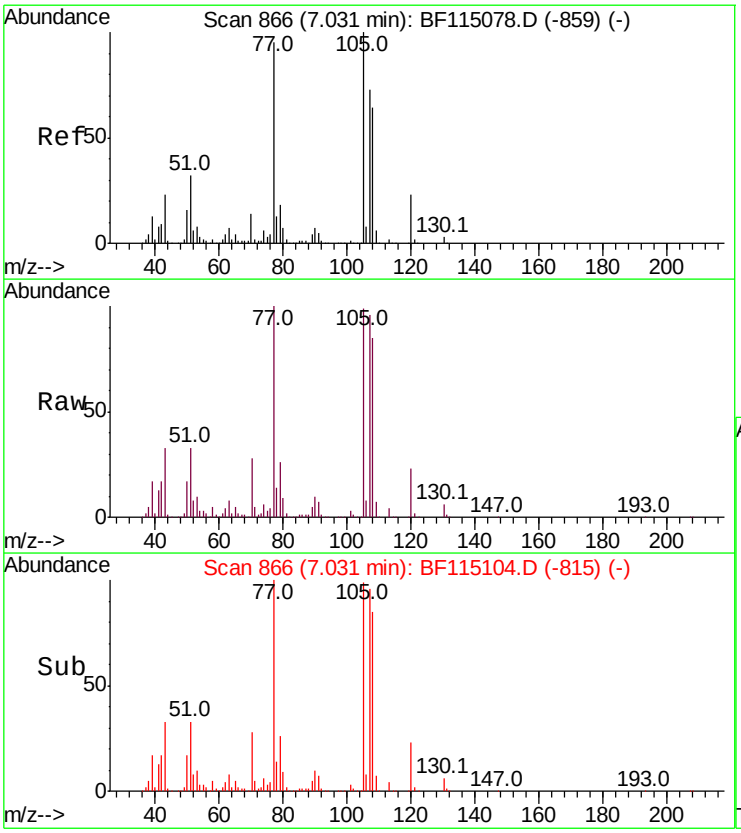
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1064416

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.4	5.6	8.4
68	6.2	4.8	7.2

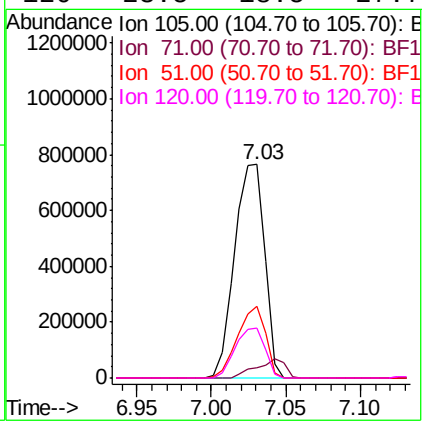


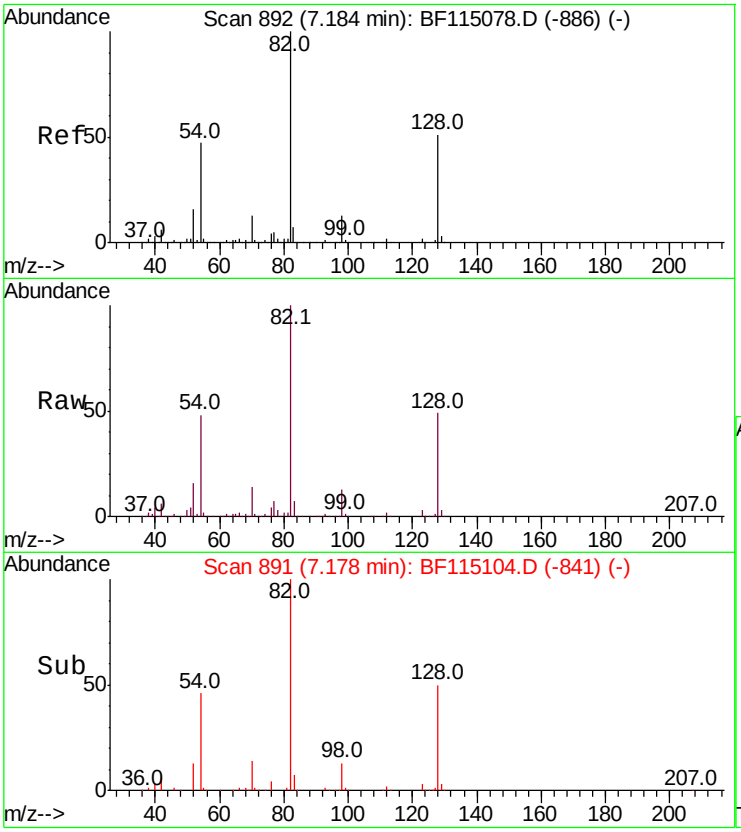


#22
Acetophenone
Concen: 44.077 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:105 Resp: 1074073

Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.9	2.9#
51	33.7	25.8	38.8
120	23.5	18.5	27.7



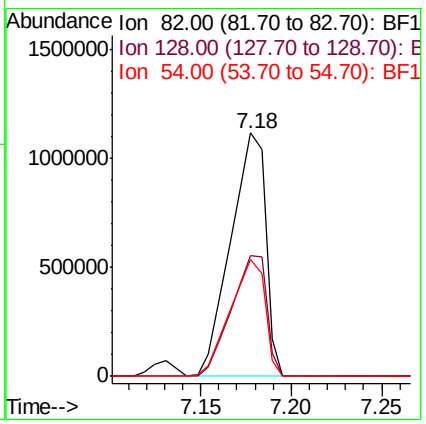


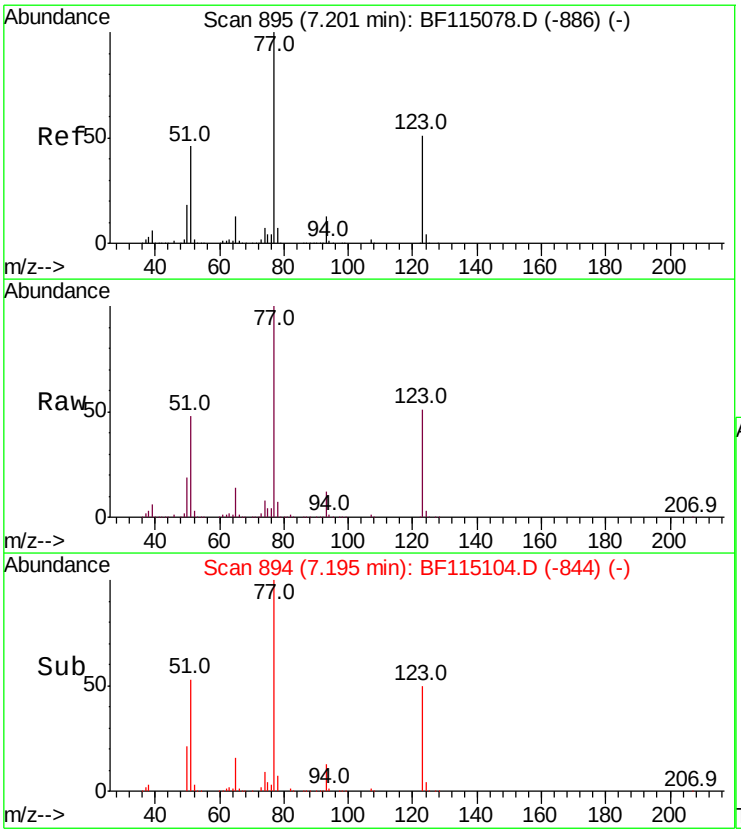
#23
Nitrobenzene-d5
Concen: 86.829 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1502426

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.4	60.6
54	47.9	37.5	56.3

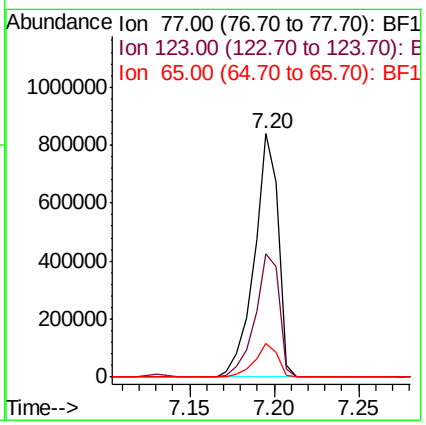


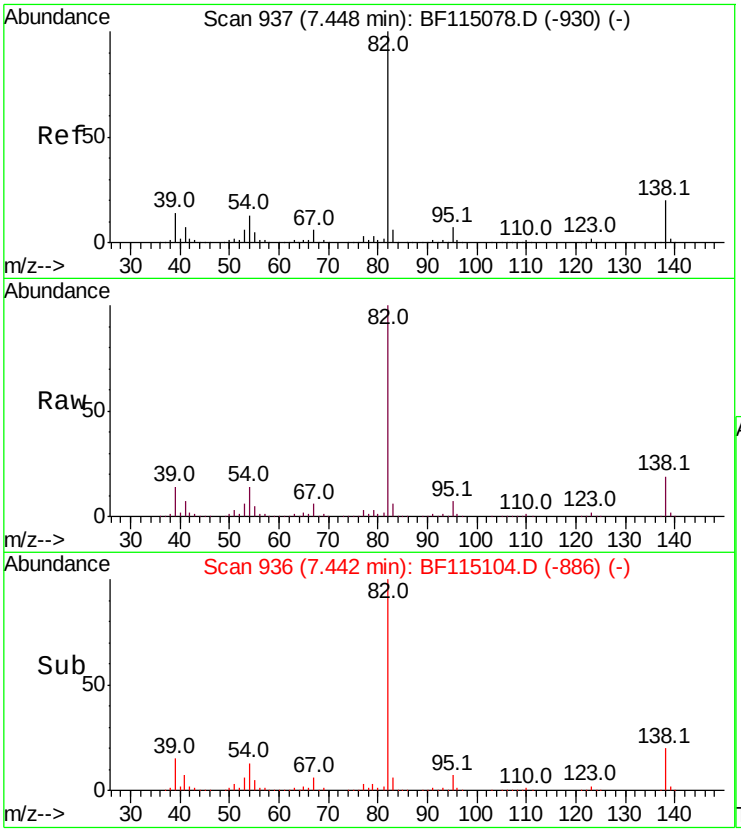


#24
Nitrobenzene
Concen: 43.219 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 77 Resp: 823878

Ion	Ratio	Lower	Upper
77	100		
123	50.5	41.0	61.6
65	13.7	10.5	15.7



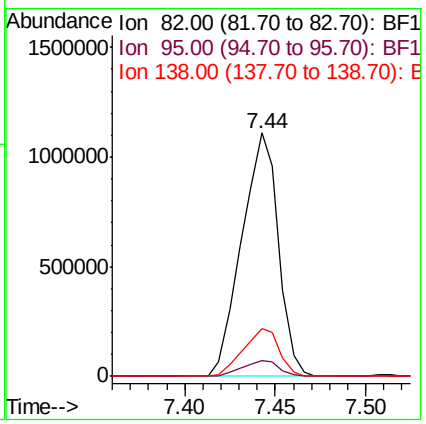


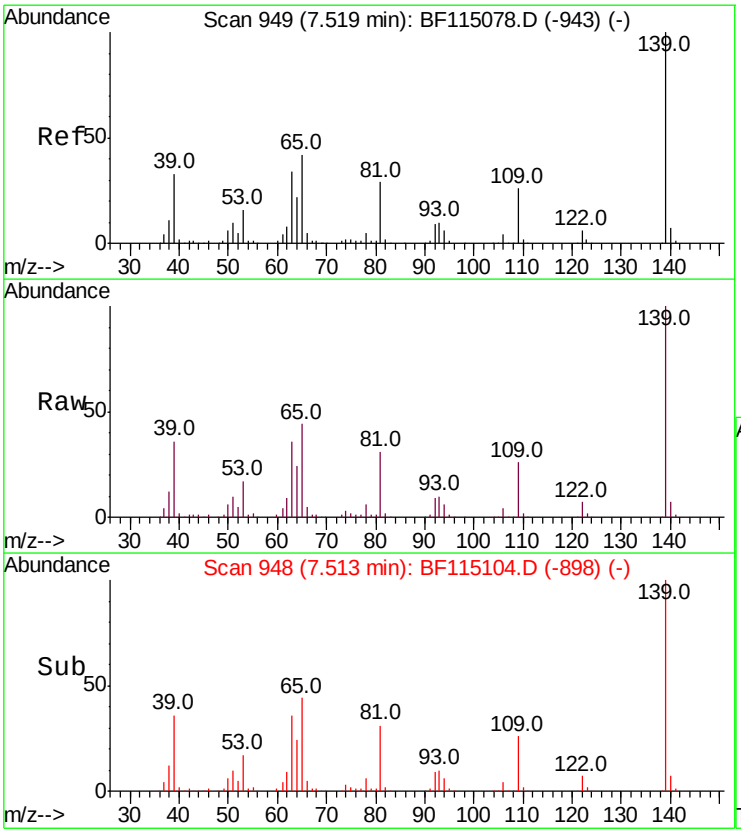
#25
Isophorone
Concen: 43.935 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1557327

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	19.4	15.9	23.9

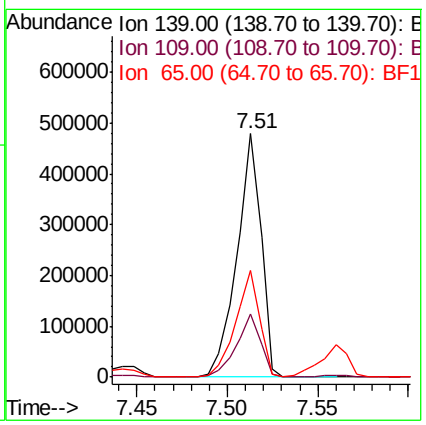


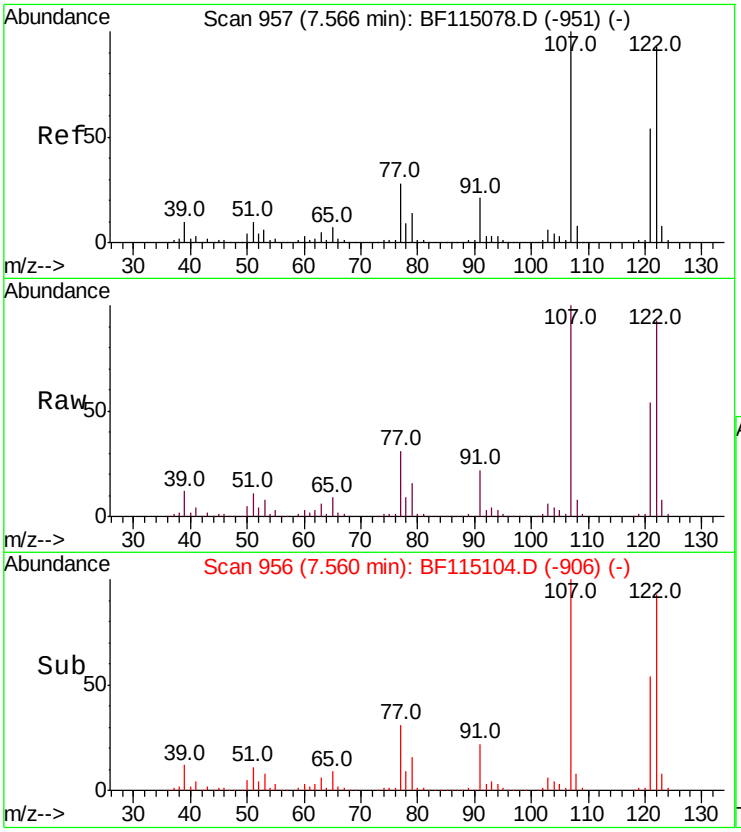


#26
2-Nitrophenol
Concen: 46.985 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:139 Resp: 442319

Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.4	30.6
65	43.6	33.6	50.4



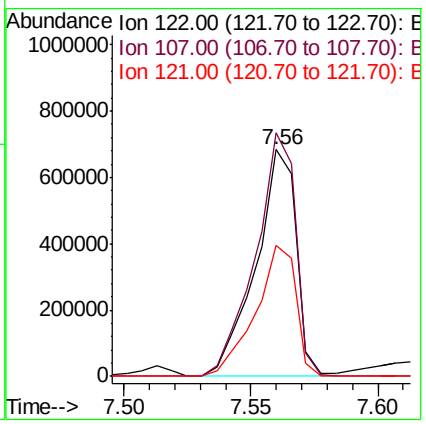


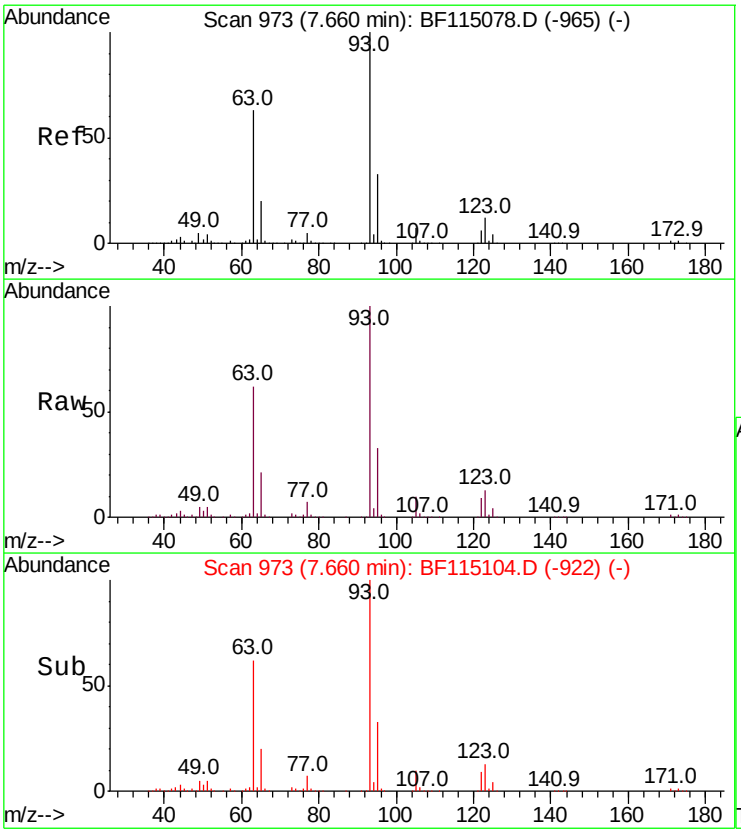
#27
2,4-Dimethylphenol
Concen: 49.800 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 767597

Ion	Ratio	Lower	Upper
122	100		
107	107.4	85.8	128.6
121	57.7	46.3	69.5

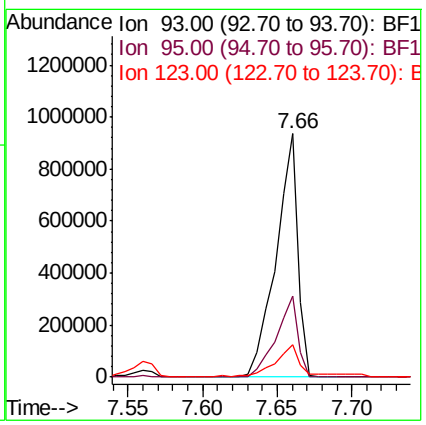


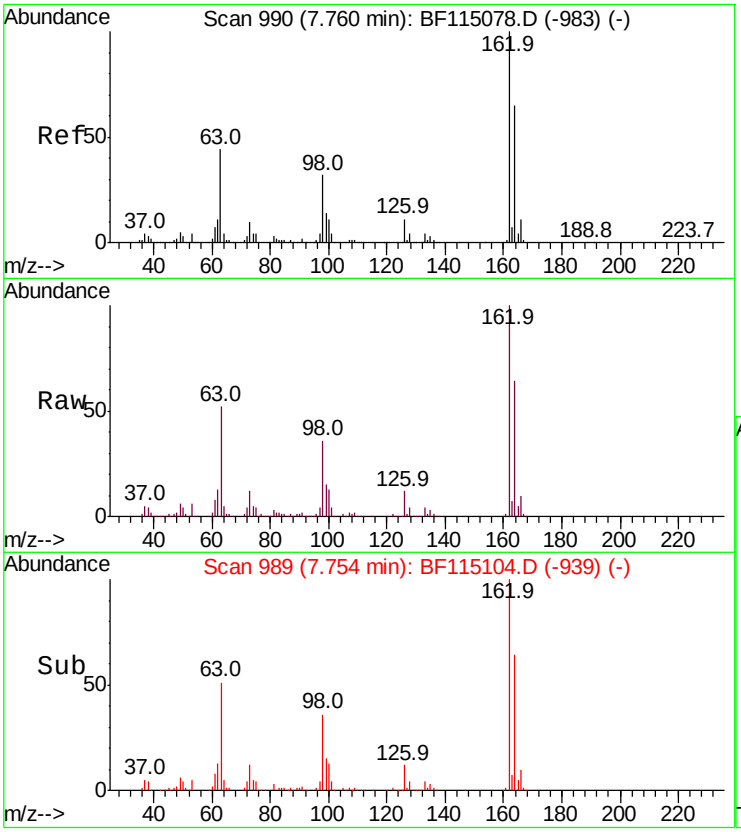


#28
bis(2-Chloroethoxy)methane
Concen: 42.822 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 93 Resp: 959380

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	13.1	9.7	14.5



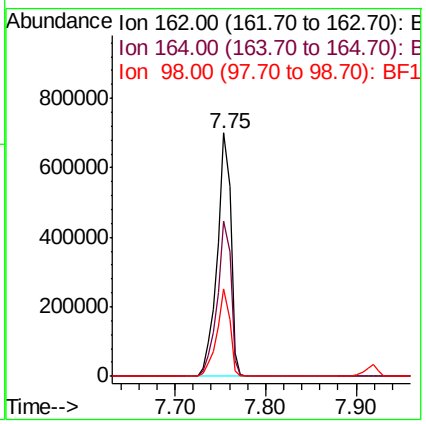


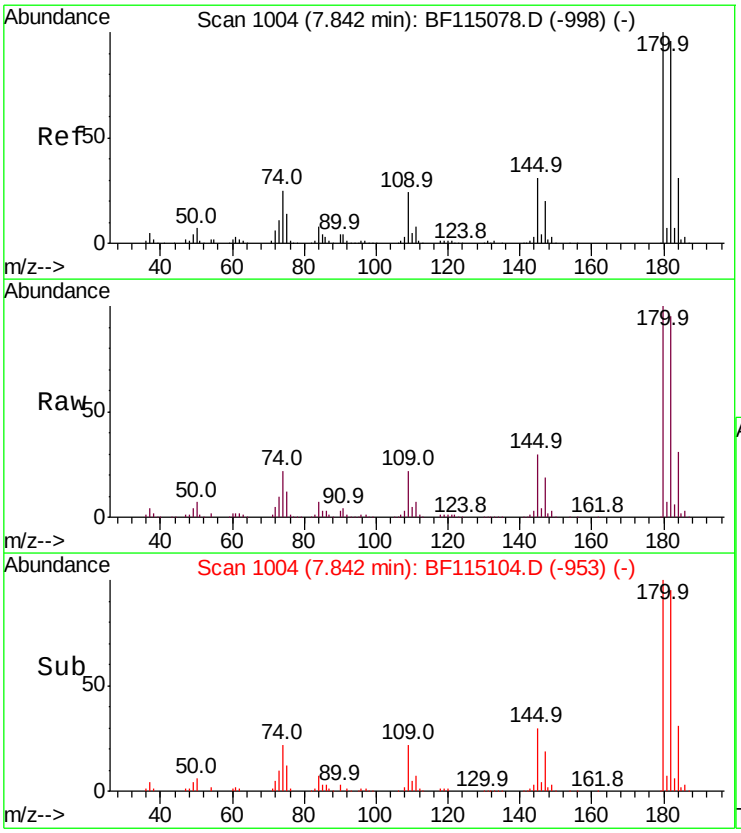
#29
2,4-Dichlorophenol
Concen: 45.122 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 717730

Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	35.7	12.5	52.5

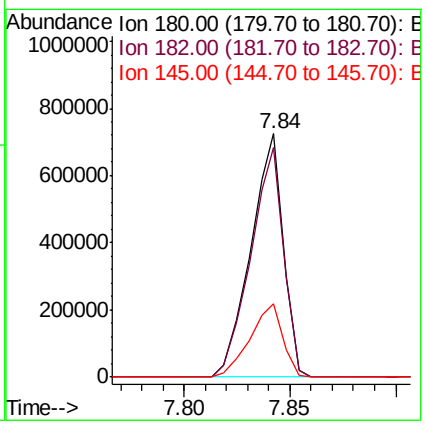


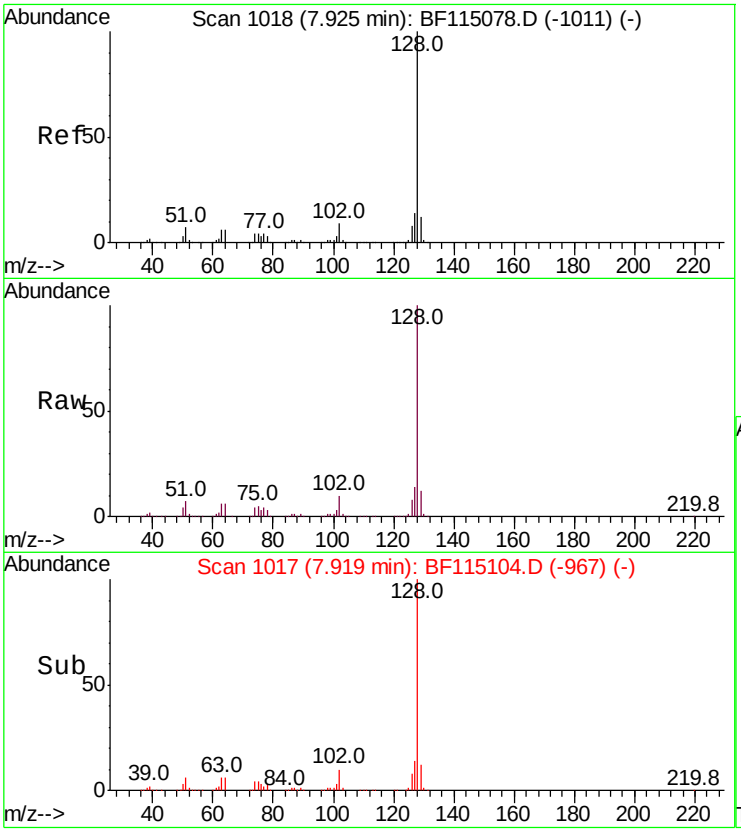


#30
1,2,4-Trichlorobenzene
Concen: 44.042 ng
RT: 7.84 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:180 Resp: 773819

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	30.1	24.8	37.2



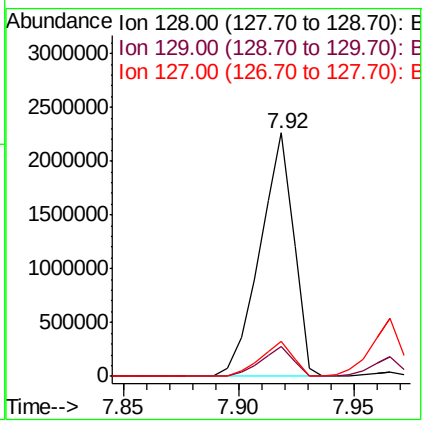


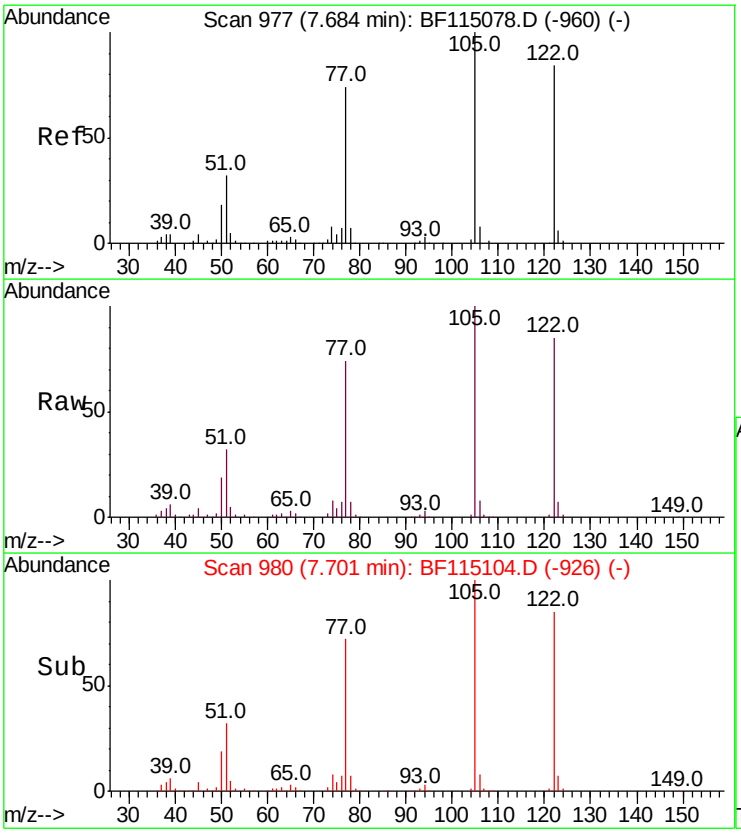
#31
Naphthalene
Concen: 43.982 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 2298012

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.5	11.4	17.0

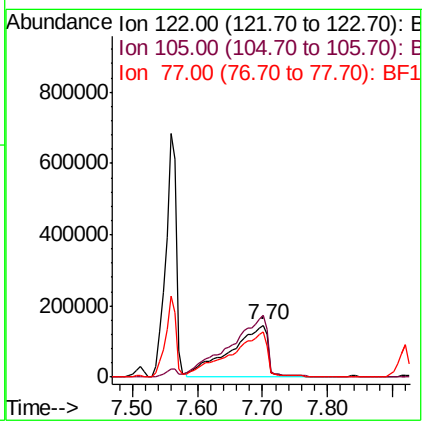


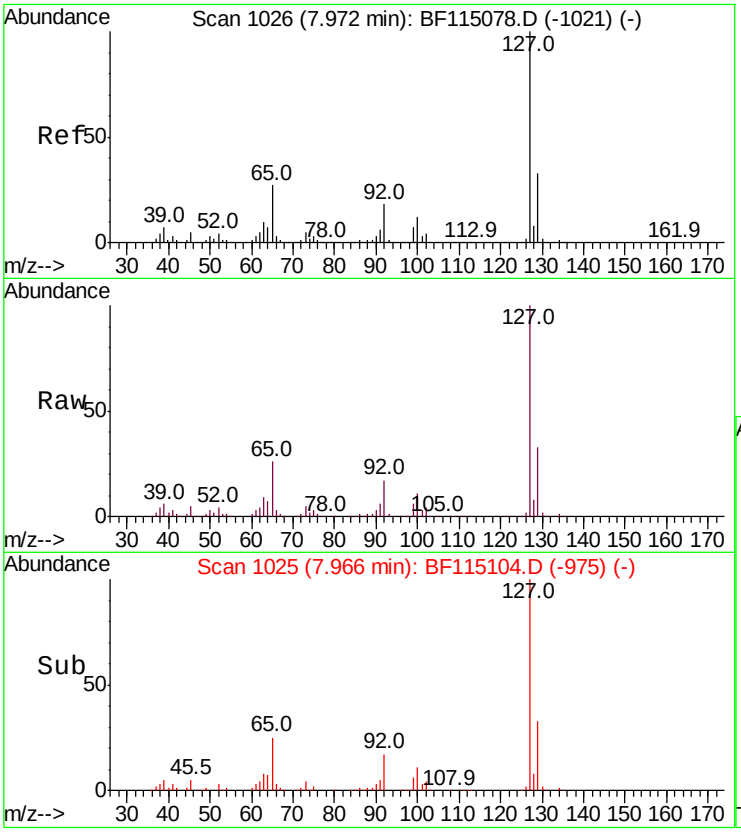


#32
Benzoic acid
Concen: 53.424 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:122 Resp: 587784

Ion	Ratio	Lower	Upper
122	100		
105	117.7	98.2	138.2
77	87.0	67.0	107.0



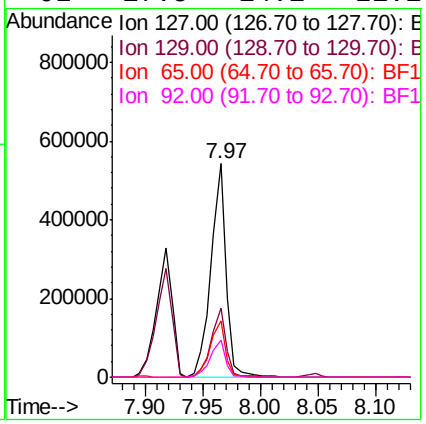


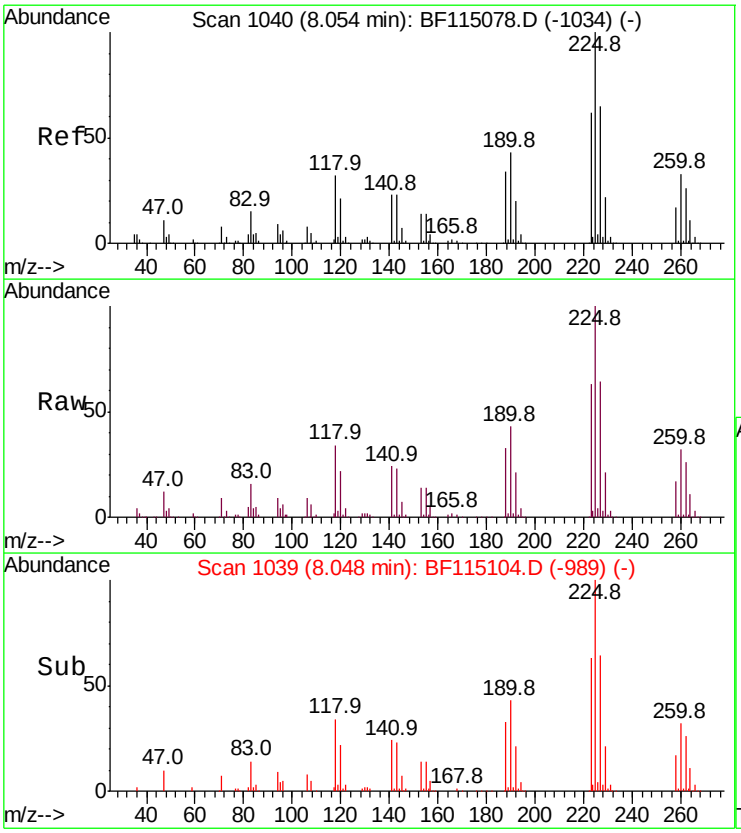
#33
4-Chloroaniline
Concen: 20.783 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 496280

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.3	21.4	32.2
92	17.5	14.1	21.1

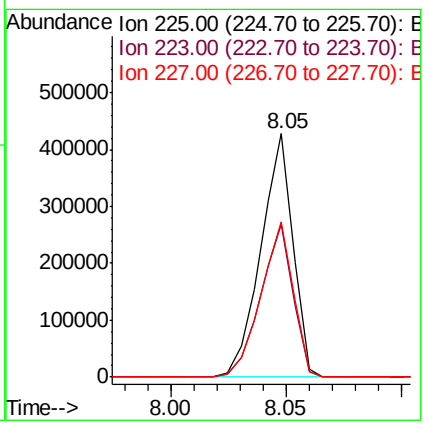


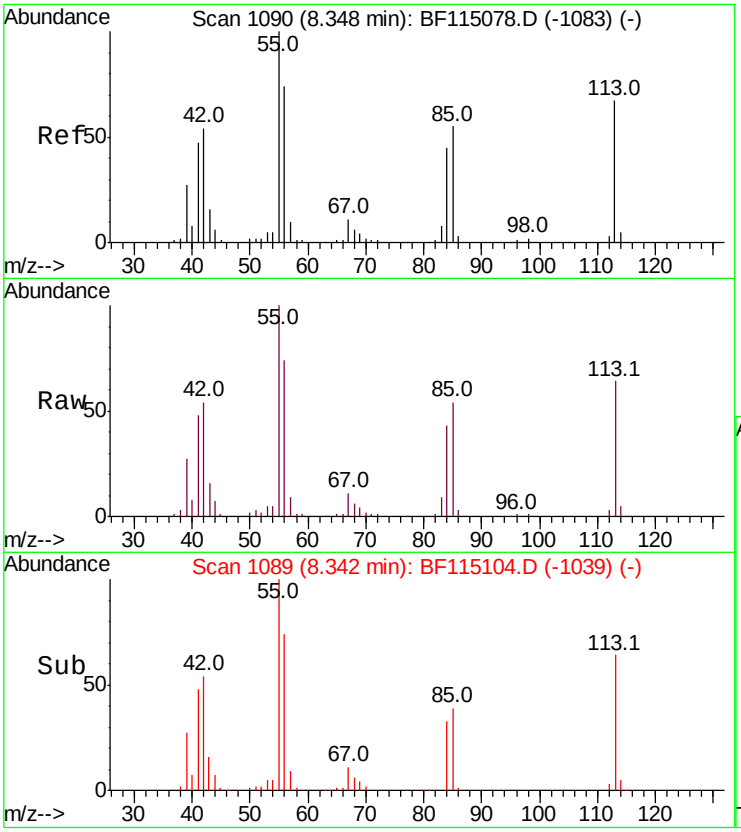


#34
Hexachlorobutadiene
Concen: 42.977 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:225 Resp: 413800

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.6	51.8	77.8



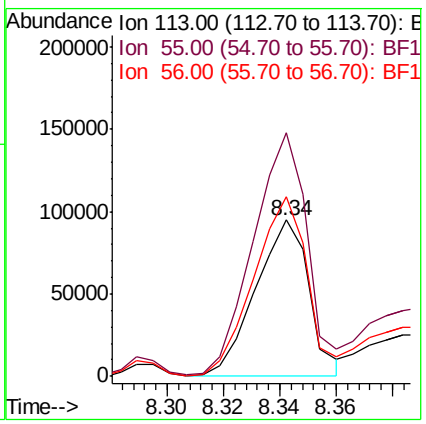


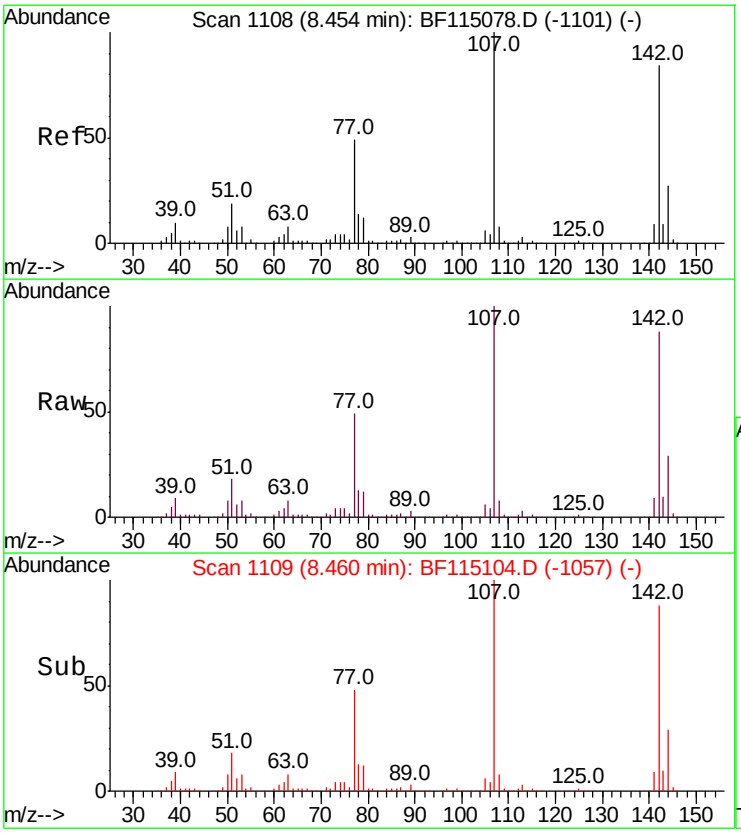
#35
Caprolactam
Concen: 23.332 ng
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 124776

Ion	Ratio	Lower	Upper
113	100		
55	156.0	130.2	170.2
56	114.9	91.6	131.6

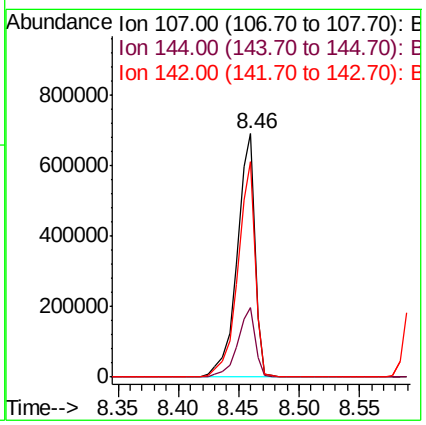


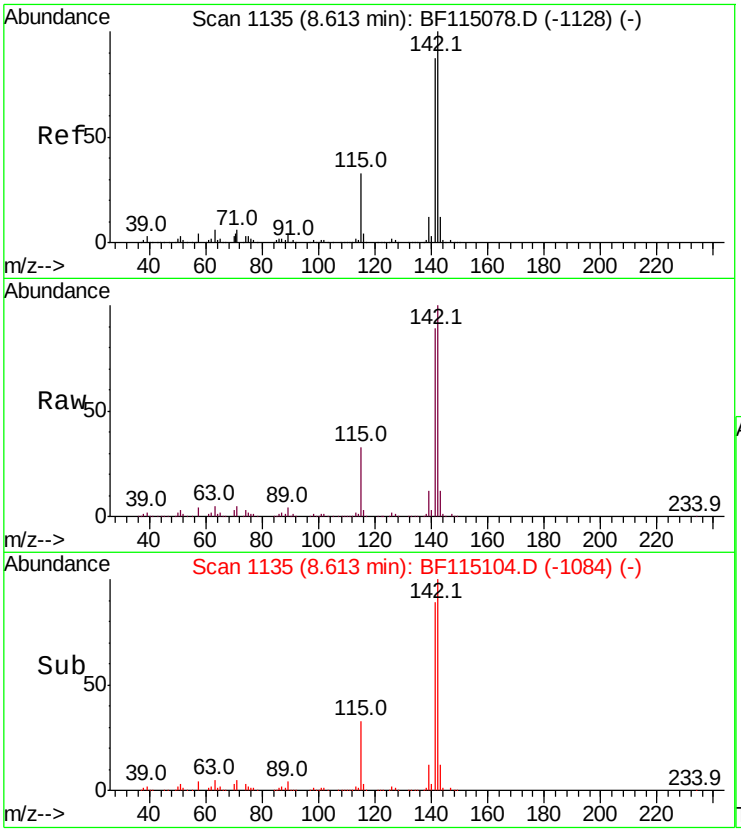


#36
4-Chloro-3-methylphenol
Concen: 44.371 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:107 Resp: 714776

Ion	Ratio	Lower	Upper
107	100		
144	28.7	21.7	32.5
142	88.3	67.0	100.4



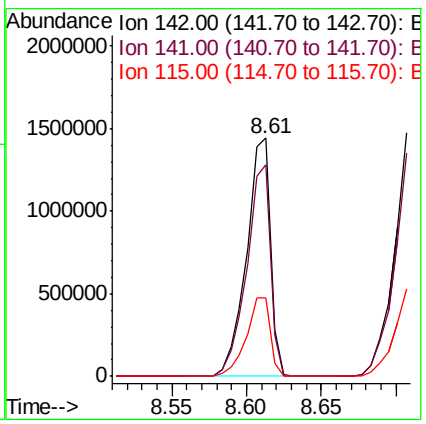


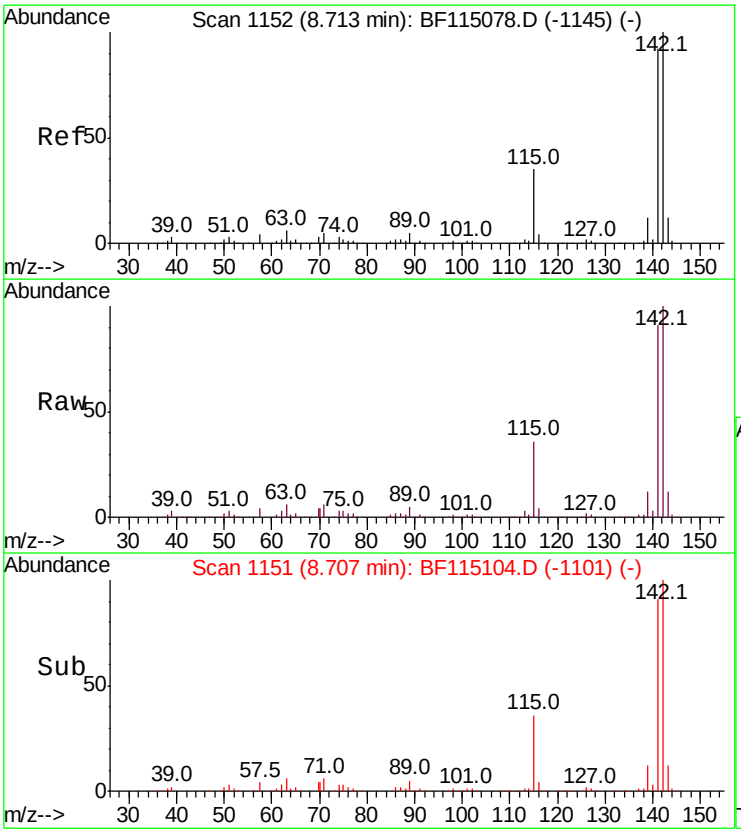
#37
2-Methylnaphthalene
Concen: 45.444 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1600962

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	33.0	26.7	40.1

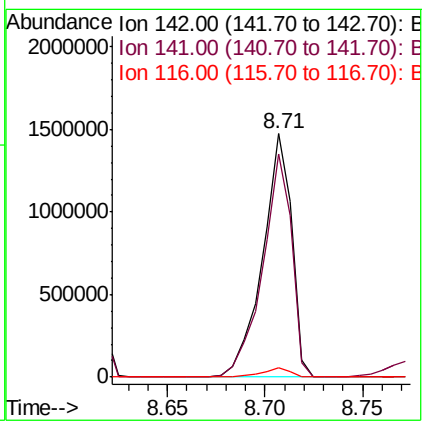


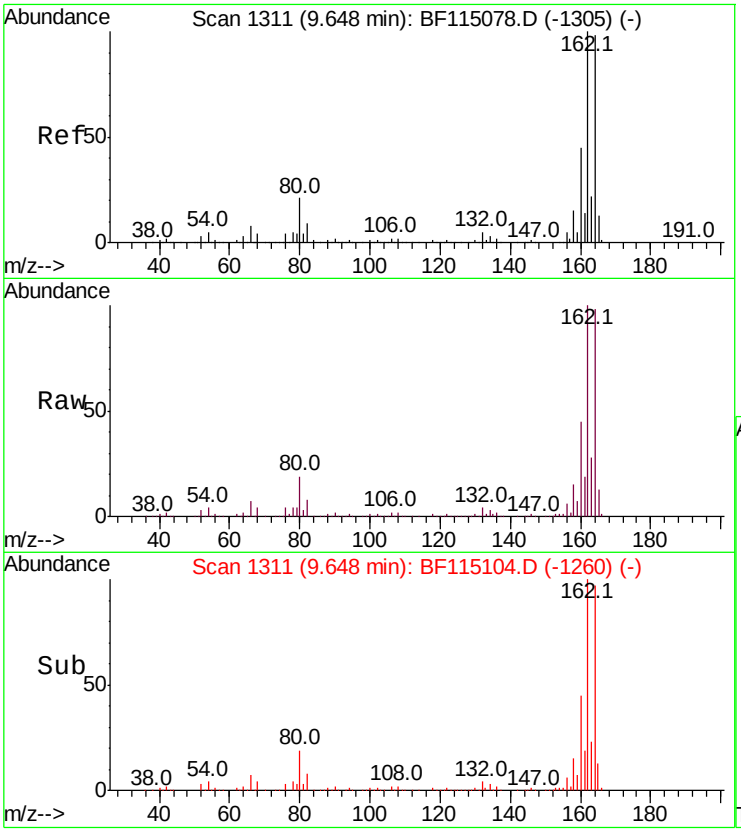


#38
1-Methylnaphthalene
Concen: 45.073 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:142 Resp: 1516544

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.8
116	3.8	2.8	4.2



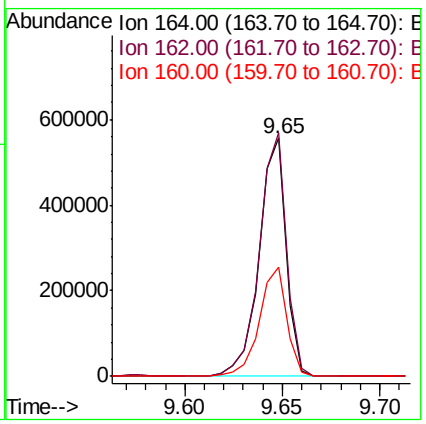


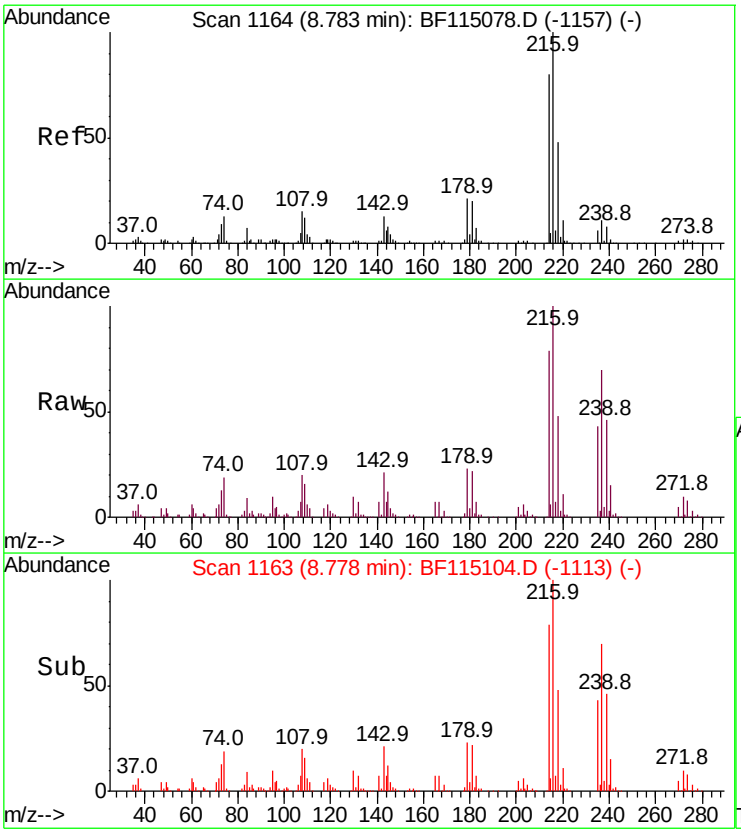
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 531505

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.7	37.0	55.4

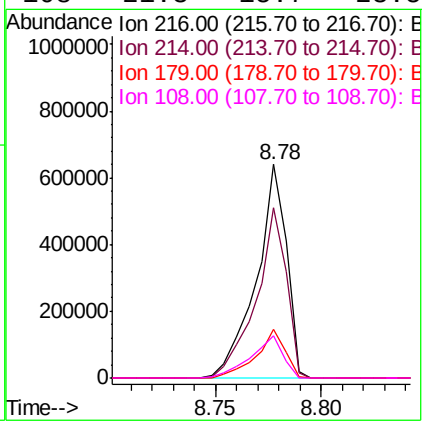


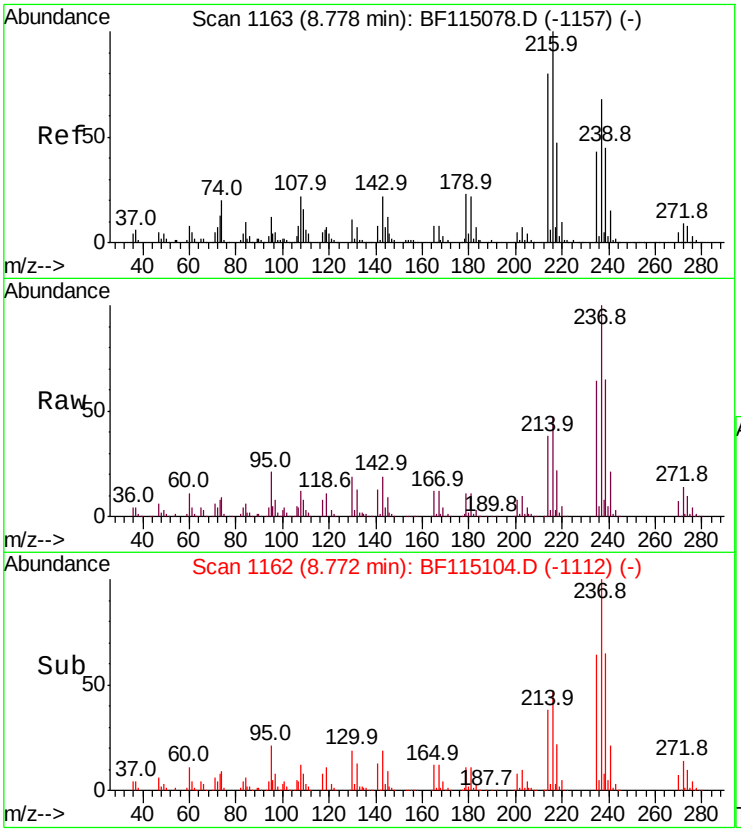


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.500 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:216 Resp: 638320

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	21.8	17.6	26.4
108	21.3	15.7	23.5



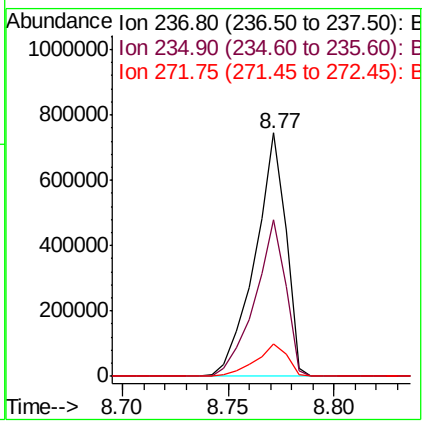


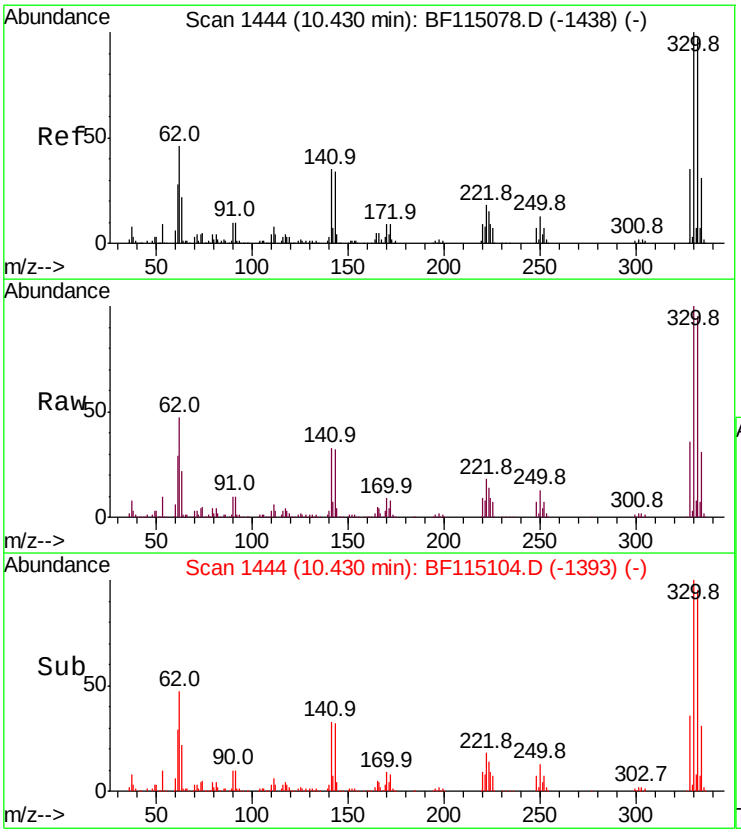
#41
Hexachlorocyclopentadiene
Concen: 85.070 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 757632

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.9	83.9
272	13.5	0.0	33.8

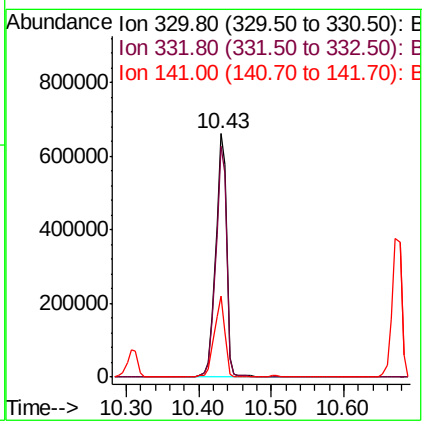


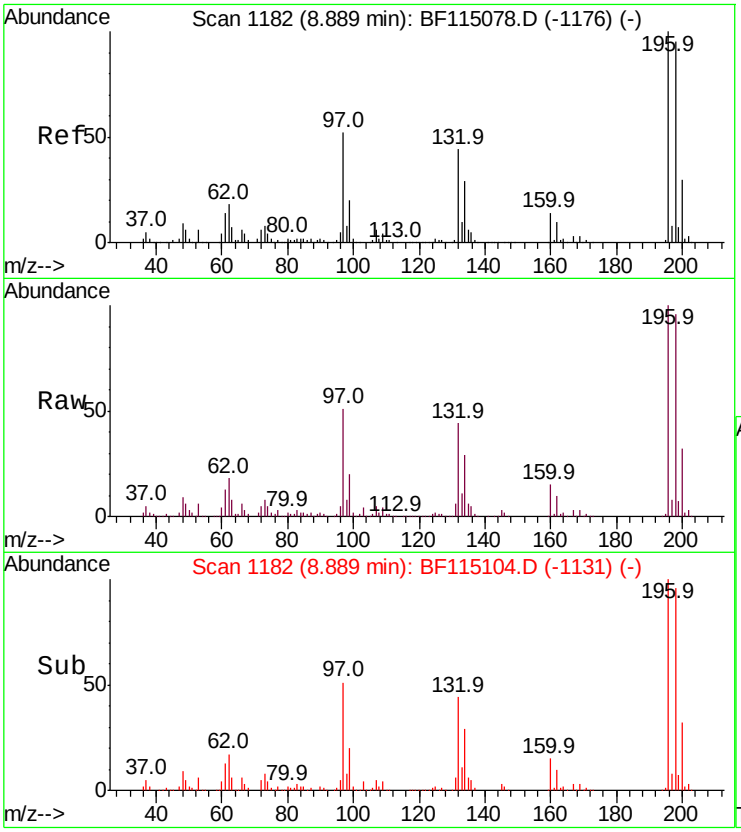


#42
2,4,6-Tribromophenol
Concen: 124.270 ng
RT: 10.43 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:330 Resp: 696523

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	32.8	28.2	42.2



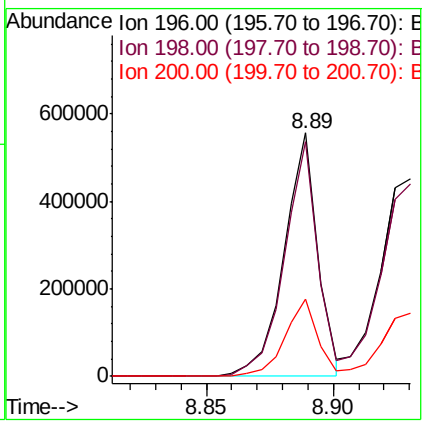


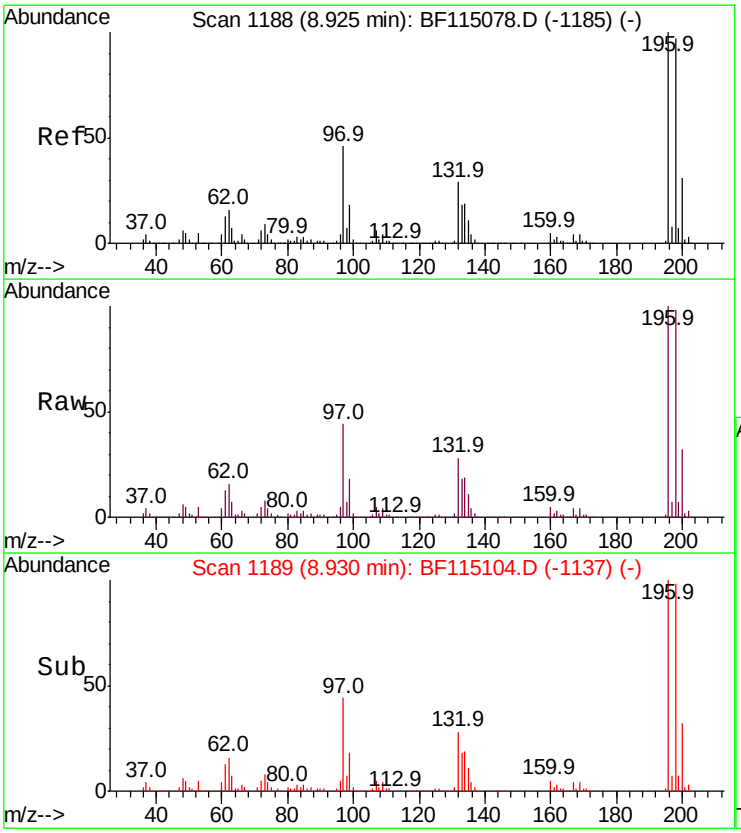
#43
2,4,6-Trichlorophenol
Concen: 44.265 ng
RT: 8.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 513272

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	31.6	24.2	36.4

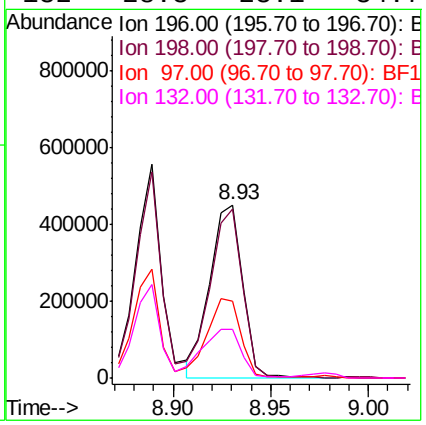


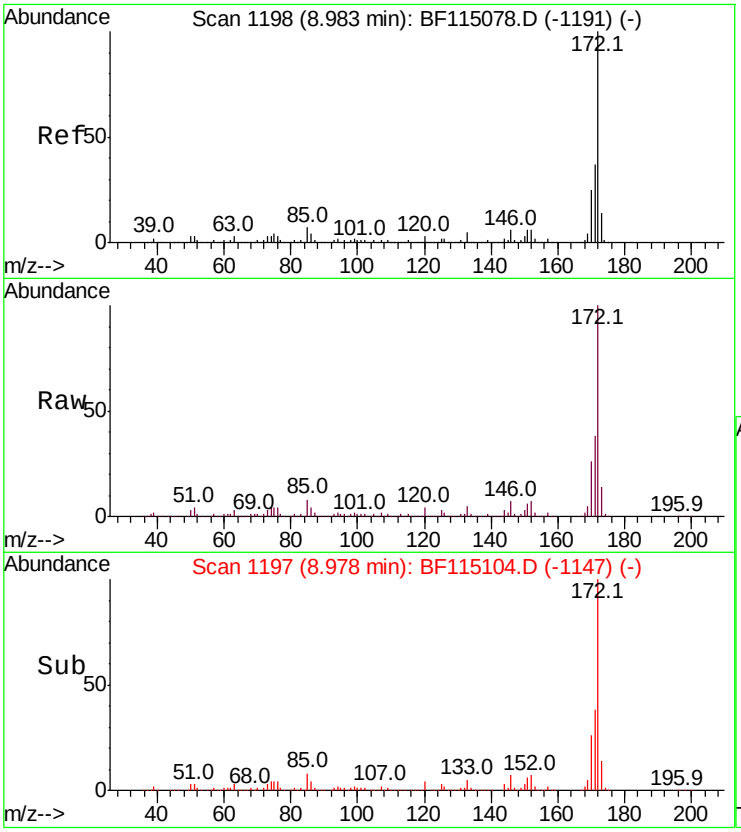


#44
2,4,5-Trichlorophenol
Concen: 44.081 ng
RT: 8.93 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:196 Resp: 526380

Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.1	115.7
97	44.5	37.7	56.5
132	28.3	23.1	34.7

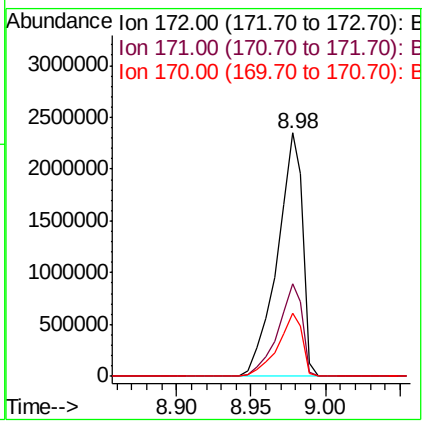




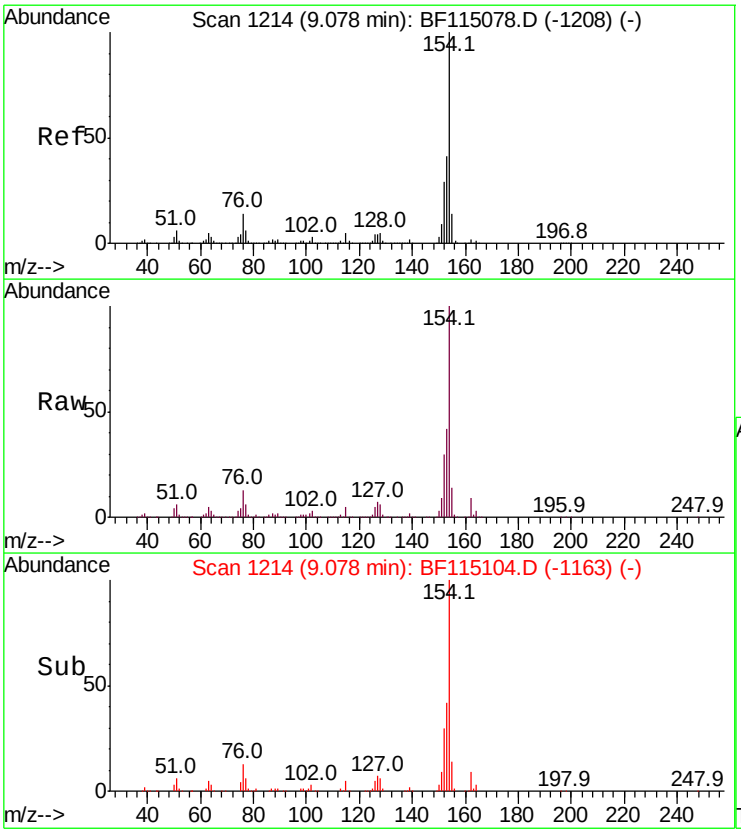
#45
2-Fluorobiphenyl
Concen: 89.695 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:172 Resp: 2806577

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.9	20.3	30.5



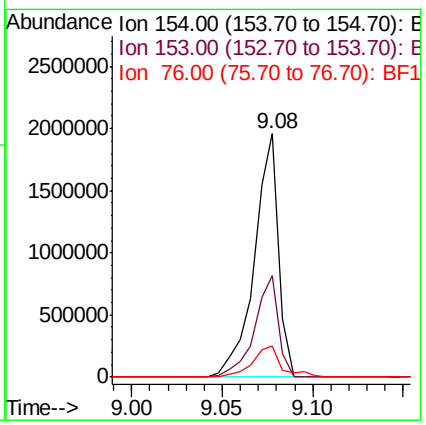
Instrument :
BNA_F
ClientSampleId :

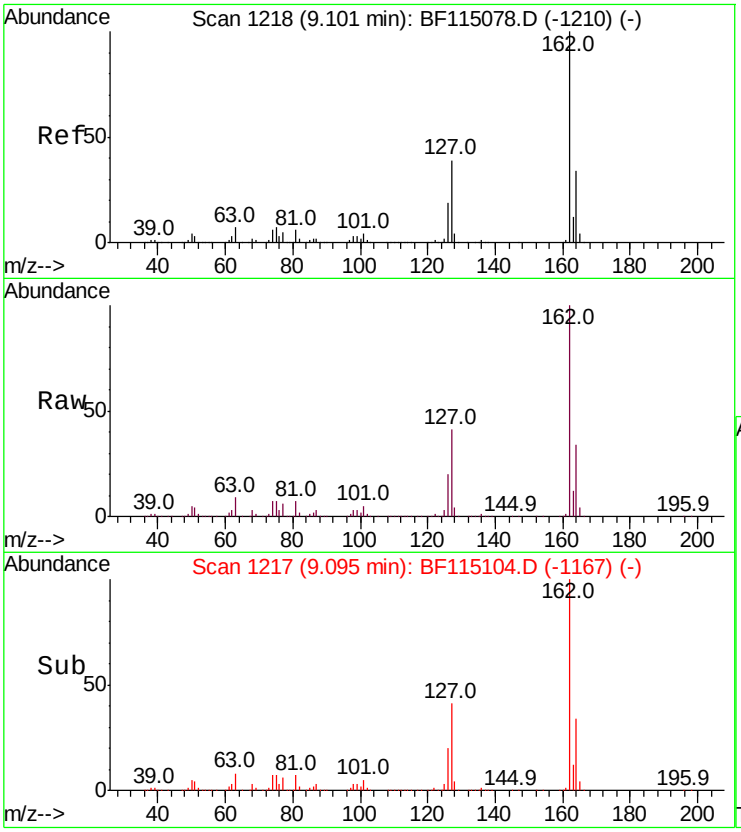


#46
1,1'-Biphenyl
Concen: 42.572 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:154 Resp: 1810501

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.9	60.9
76	13.0	0.0	34.1



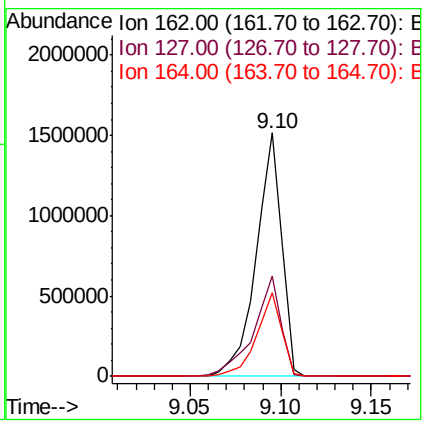


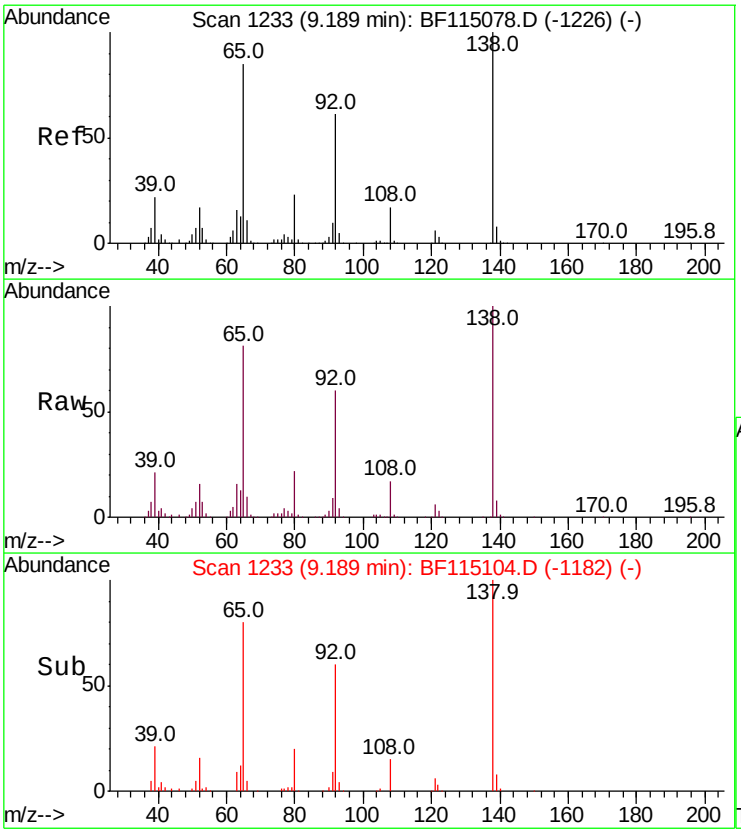
#47
2-Chloronaphthalene
Concen: 42.911 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 1480289

Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.8	46.2
164	34.1	27.0	40.4

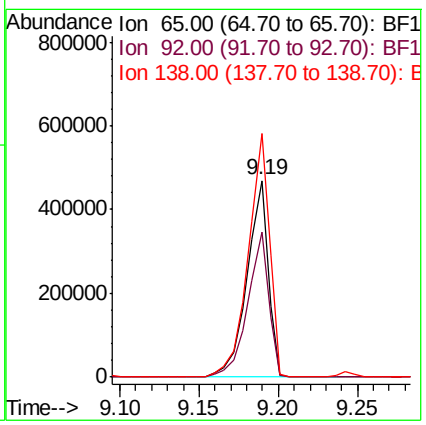


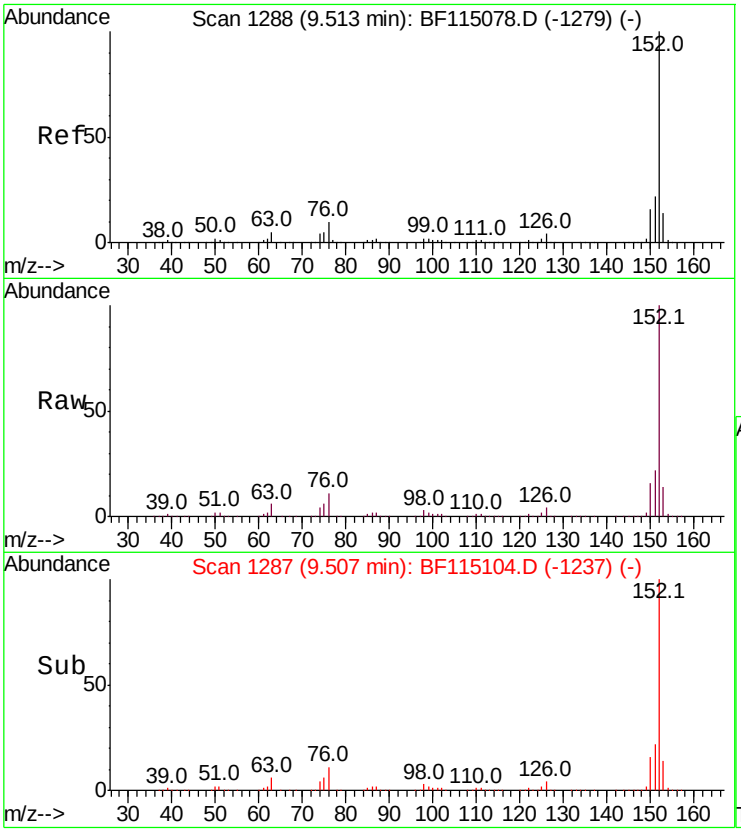


#48
2-Nitroaniline
Concen: 43.083 ng
RT: 9.19 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion: 65 Resp: 433296

Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	124.0	94.1	141.1



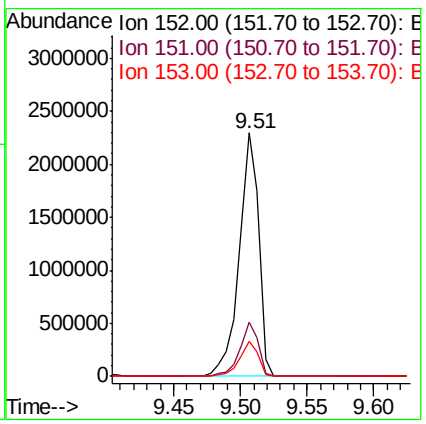


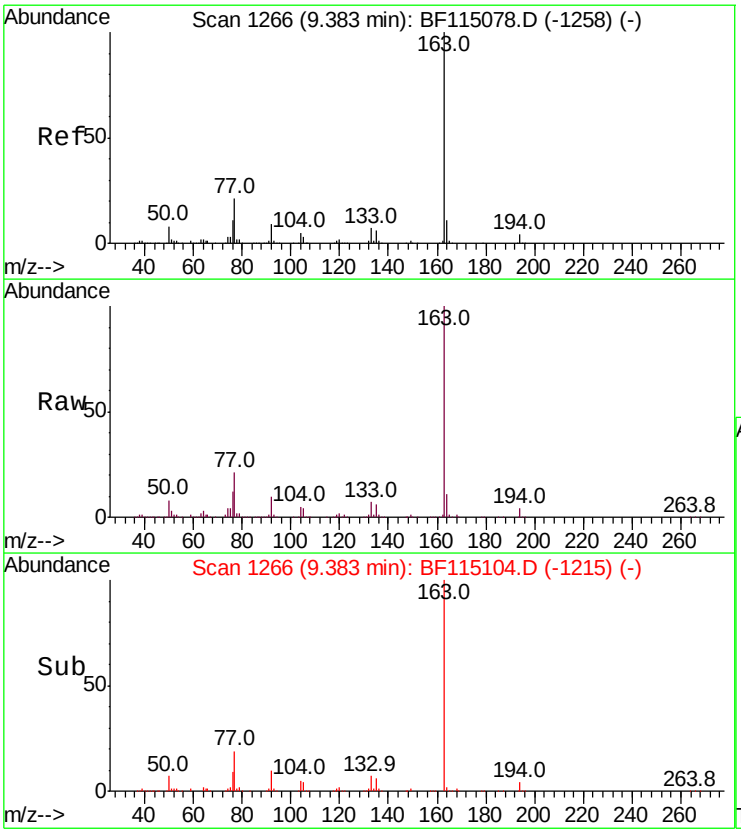
#49
Acenaphthylene
Concen: 43.090 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 2315951

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.4	11.0	16.6

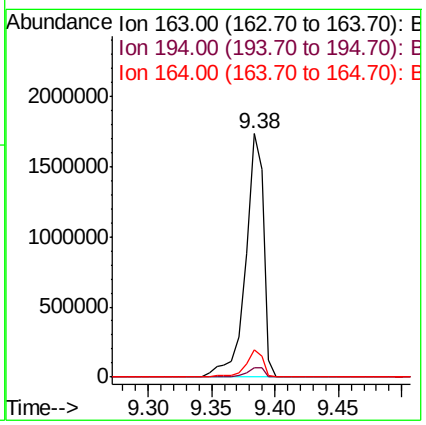


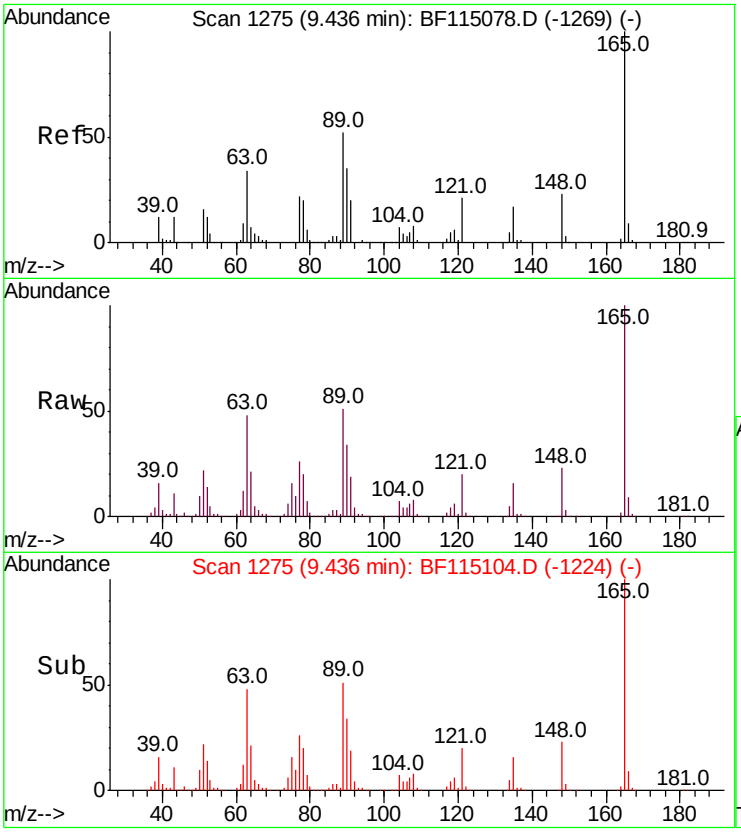


#50
Dimethylphthalate
Concen: 43.505 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:163 Resp: 1701233

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.1	8.6	13.0

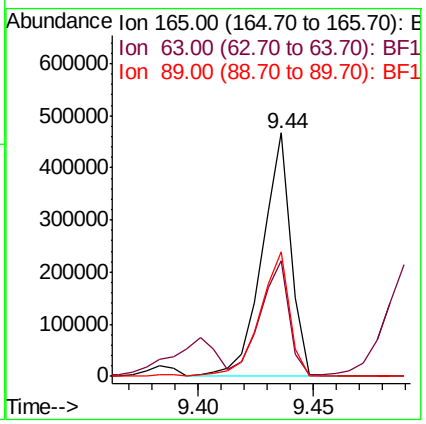




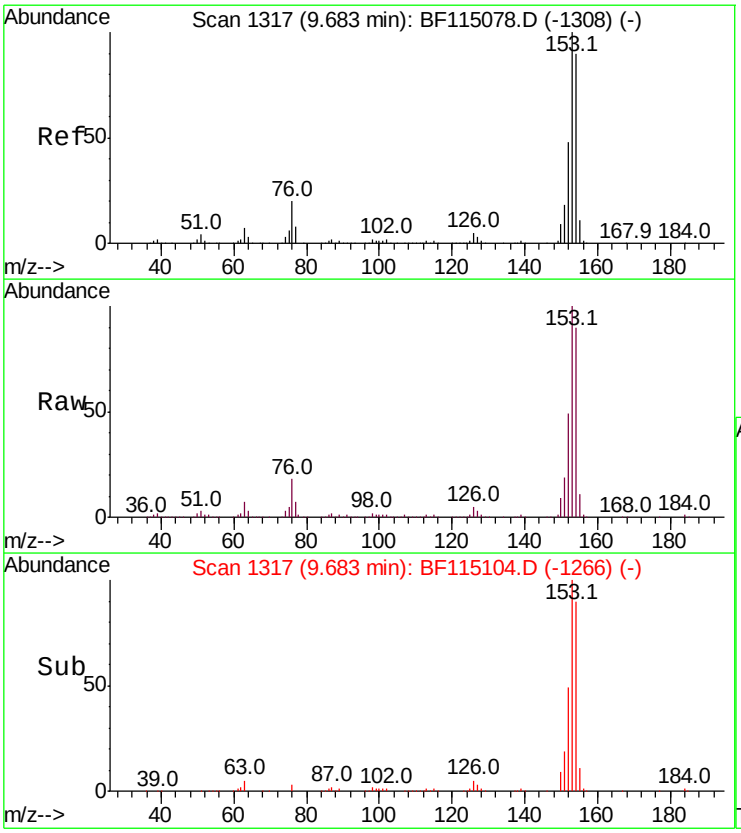
#51
2,6-Dinitrotoluene
Concen: 44.973 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:165 Resp: 406013

Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.4	59.2
89	51.1	42.0	63.0



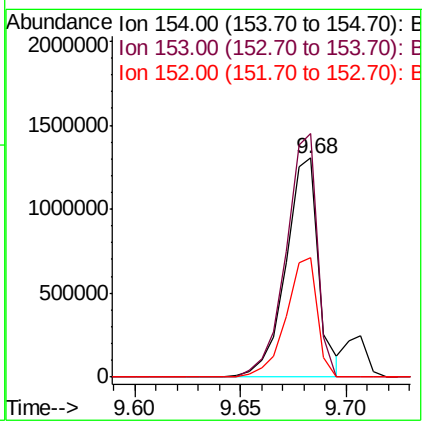
Instrument :
BNA_F
ClientSampleId :

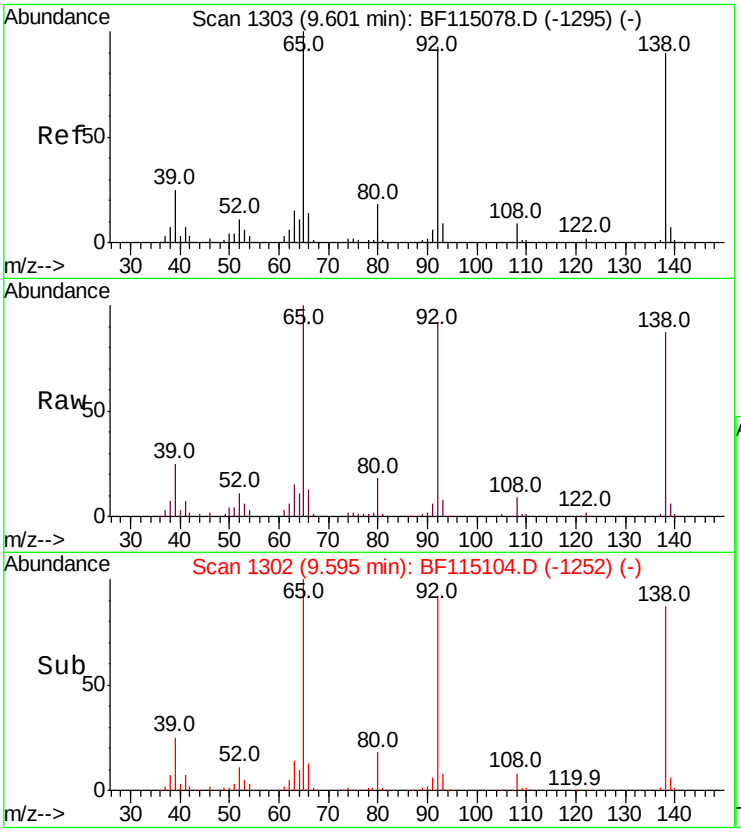


#52
Acenaphthene
Concen: 41.942 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:154 Resp: 1410608

Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.7	133.1
152	54.5	42.6	64.0

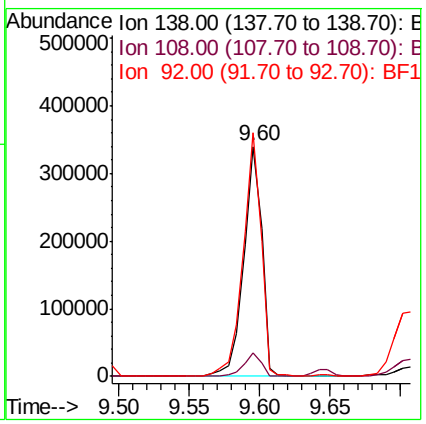




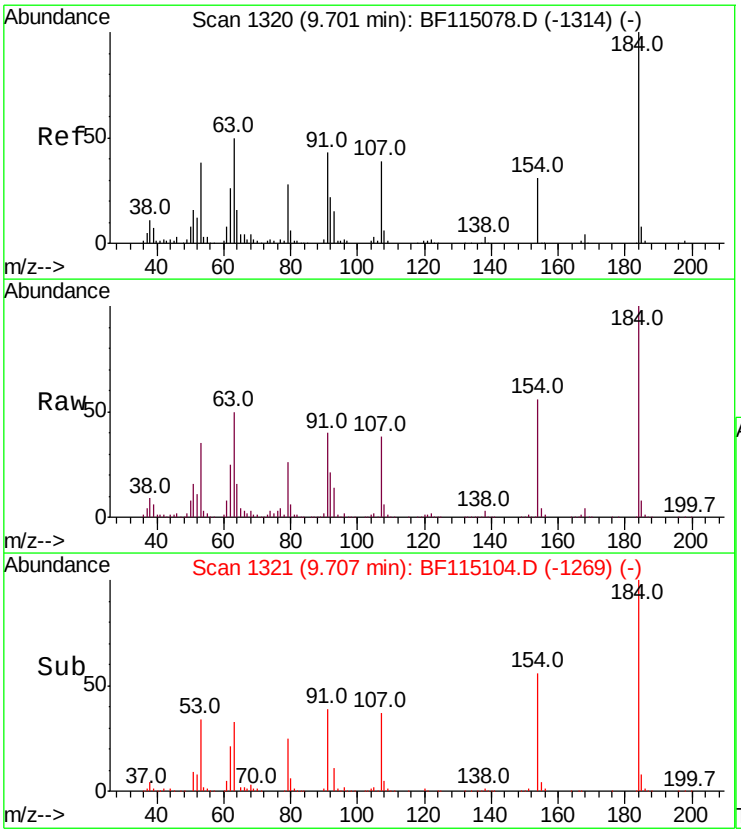
#53
3-Nitroaniline
Concen: 27.713 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:138 Resp: 305316

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	105.9	82.9	124.3



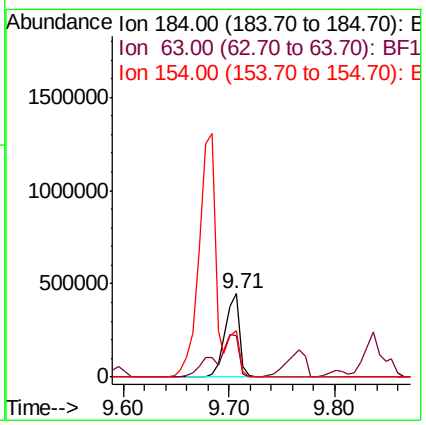
Instrument :
BNA_F
ClientSampleId :

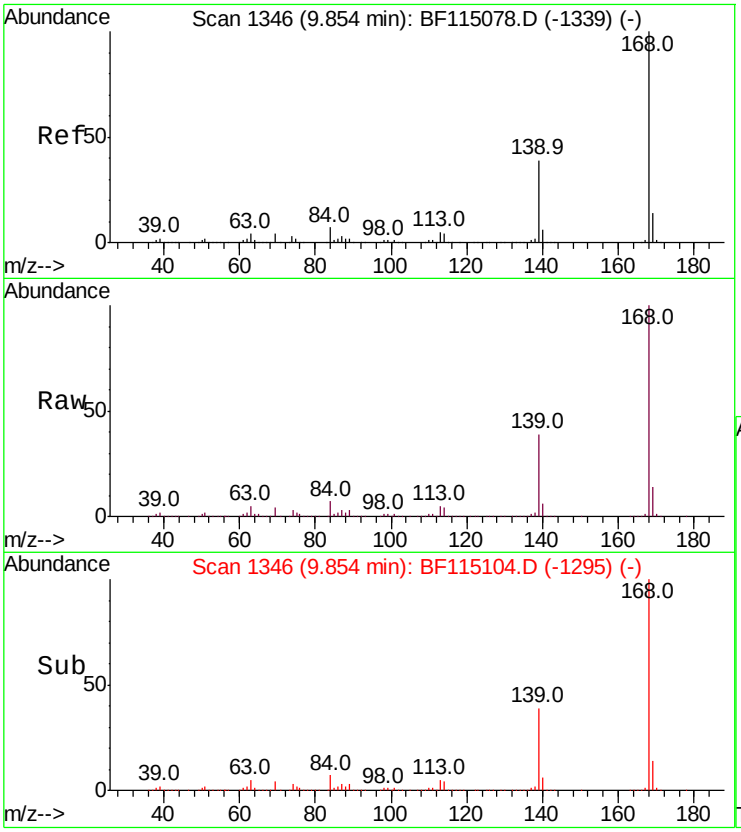


#54
2,4-Dinitrophenol
Concen: 90.392 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:184 Resp: 424793

Ion	Ratio	Lower	Upper
184	100		
63	49.9	41.9	62.9
154	55.8	44.7	67.1



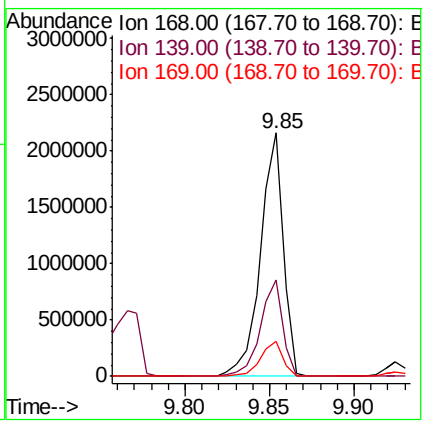


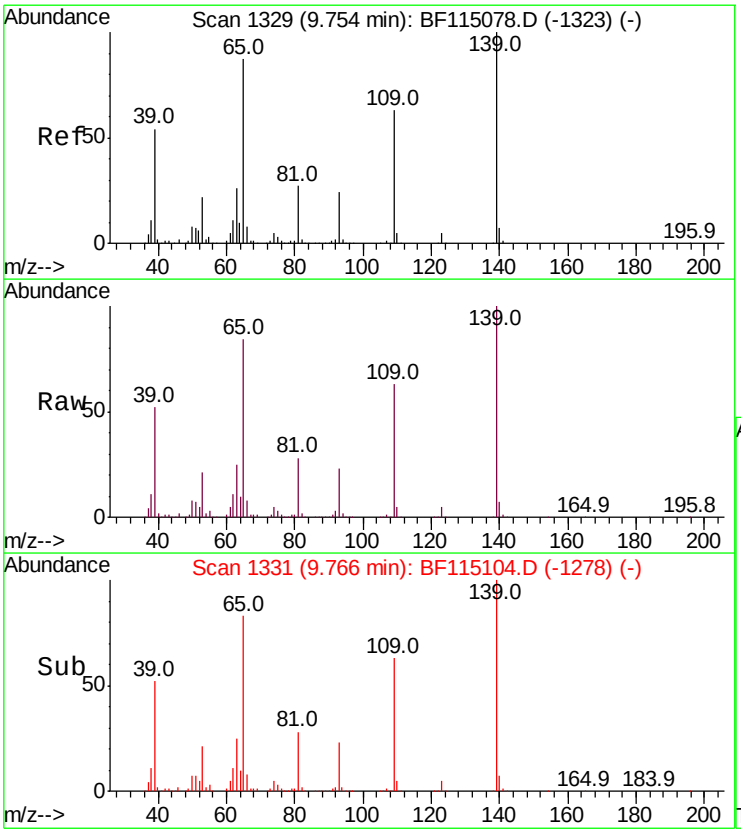
#55
Dibenzofuran
Concen: 41.818 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 2018611

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	14.2	11.3	16.9

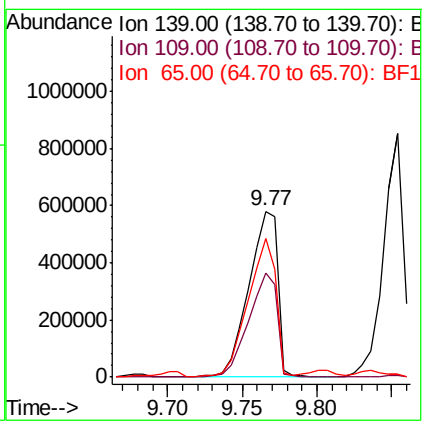


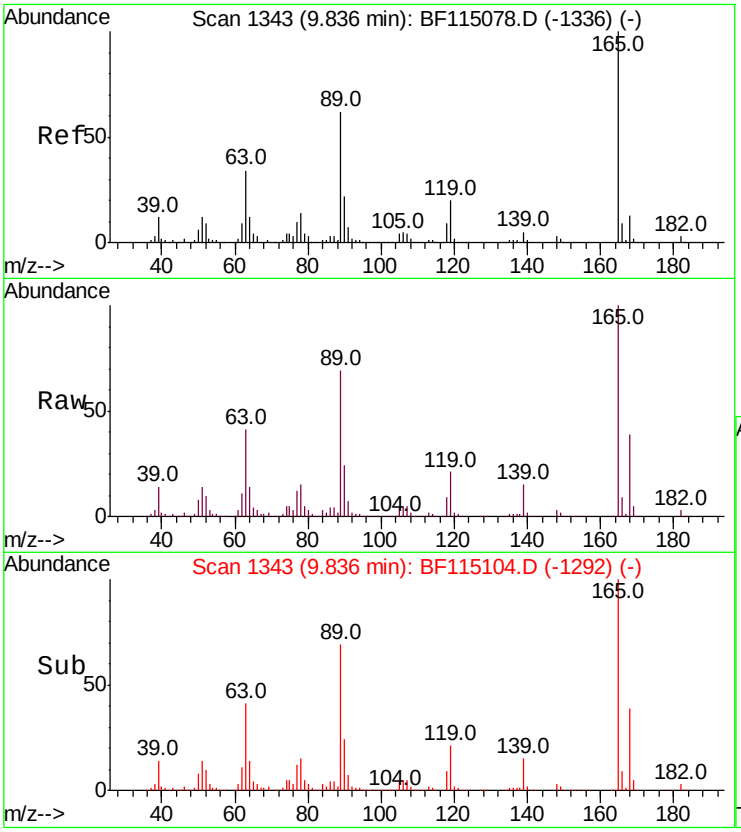


#56
4-Nitrophenol
Concen: 87.522 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:139 Resp: 773027

Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.0	83.0
65	83.6	67.0	107.0



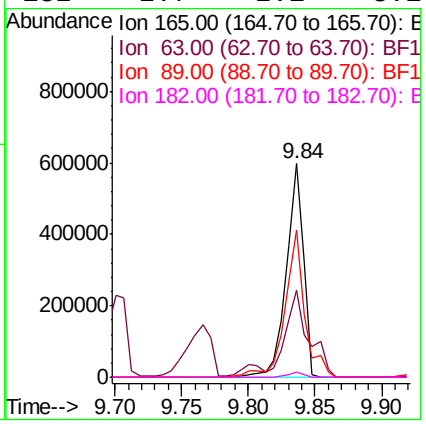


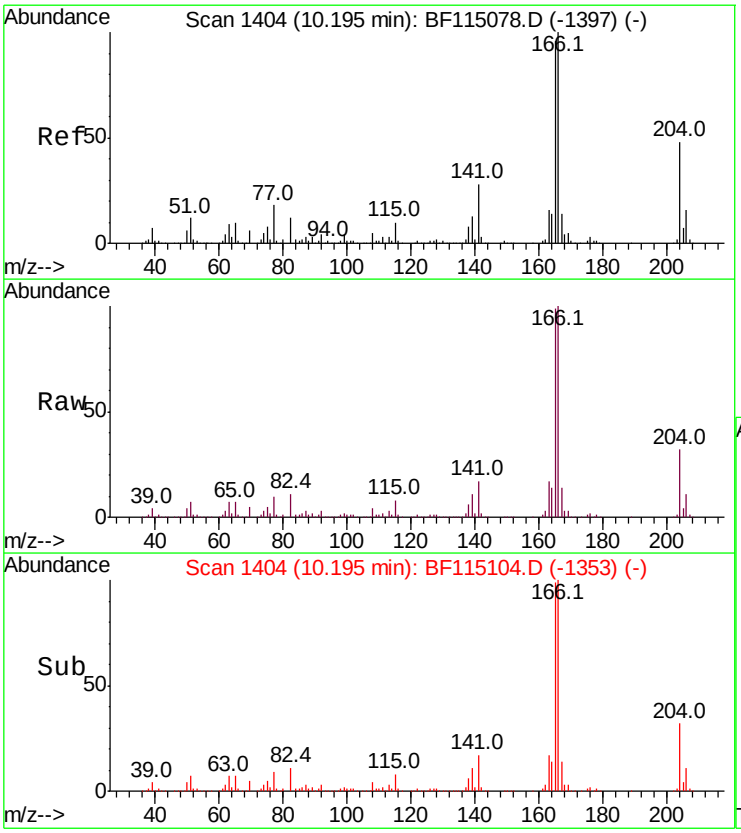
#57
2,4-Dinitrotoluene
Concen: 46.633 ng
RT: 9.84 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 543593

Ion	Ratio	Lower	Upper
165	100		
63	40.7	27.5	41.3
89	68.7	49.9	74.9
182	2.7	2.1	3.1

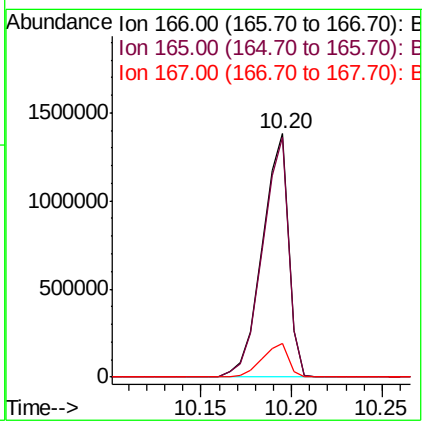


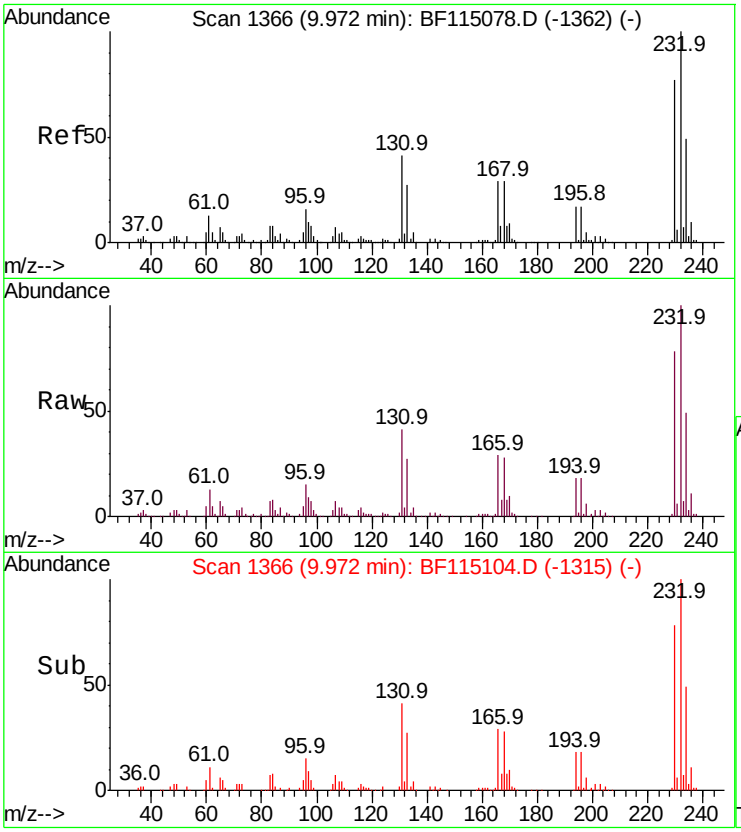


#58
Fluorene
Concen: 42.908 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:166 Resp: 1388849

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.5	114.7
167	13.6	11.0	16.4



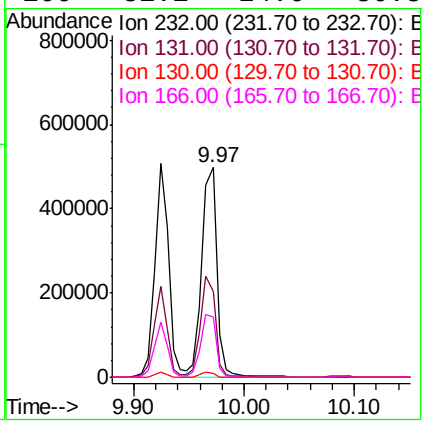


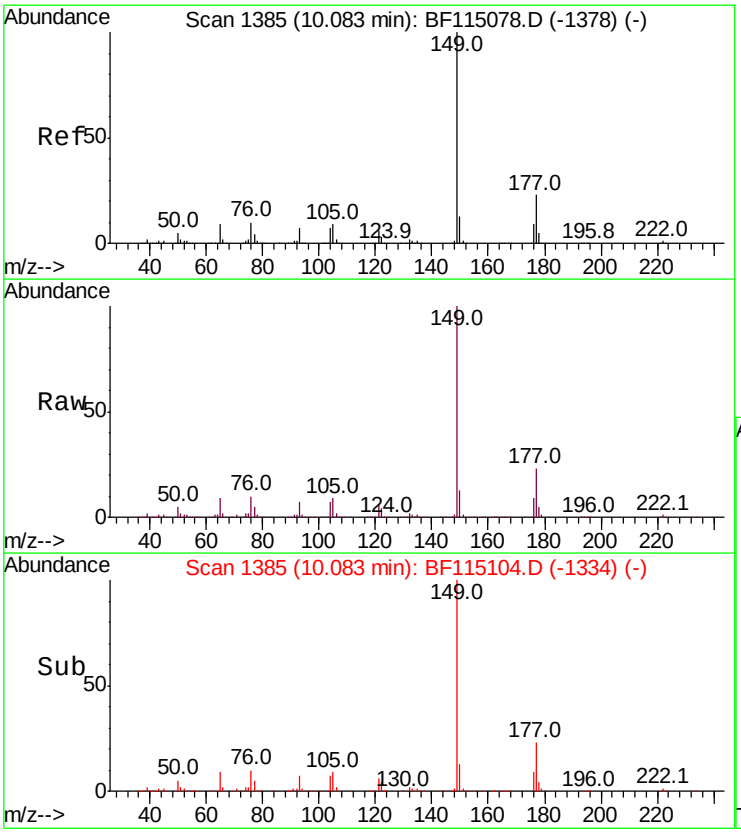
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.739 ng
RT: 9.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 457984

Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.4	56.0
130	2.3	1.8	2.6
166	31.1	24.6	36.8

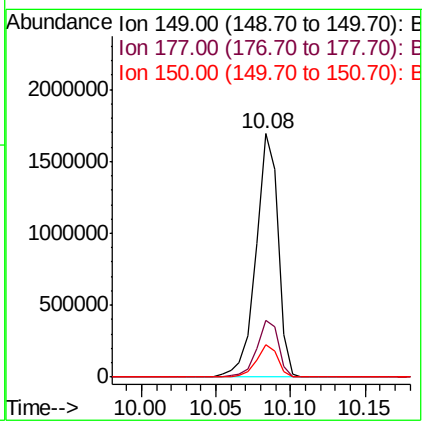


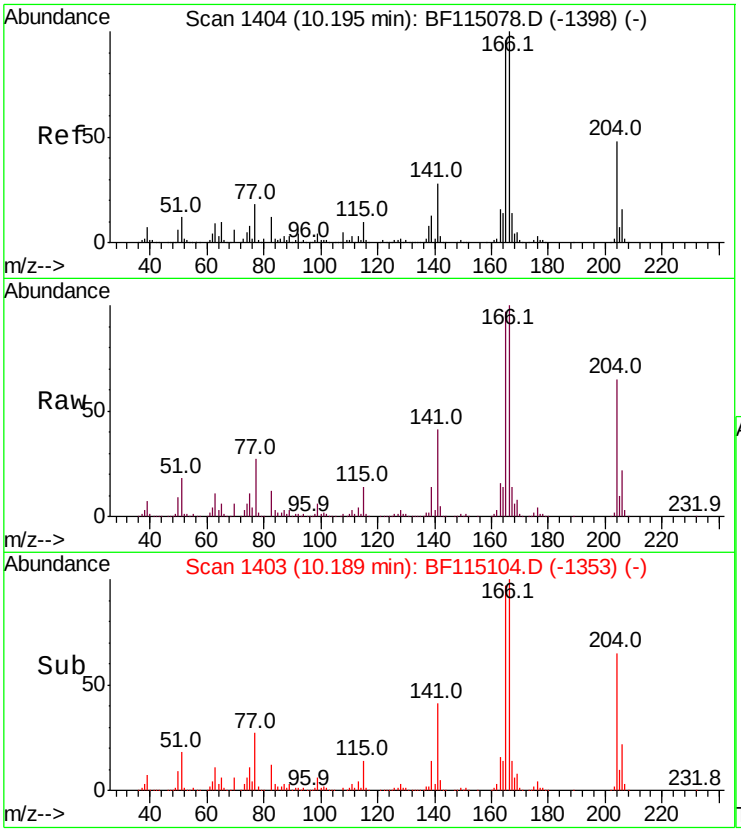


#60
Diethylphthalate
Concen: 43.504 ng
RT: 10.08 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1710020

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.1	10.4	15.6



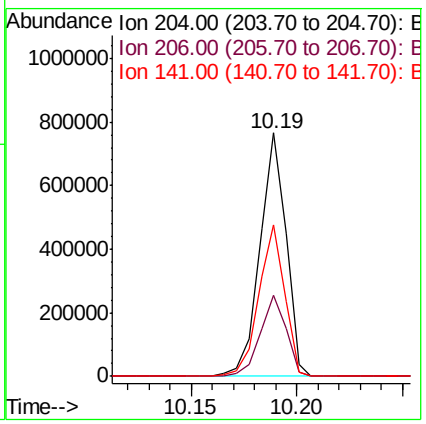


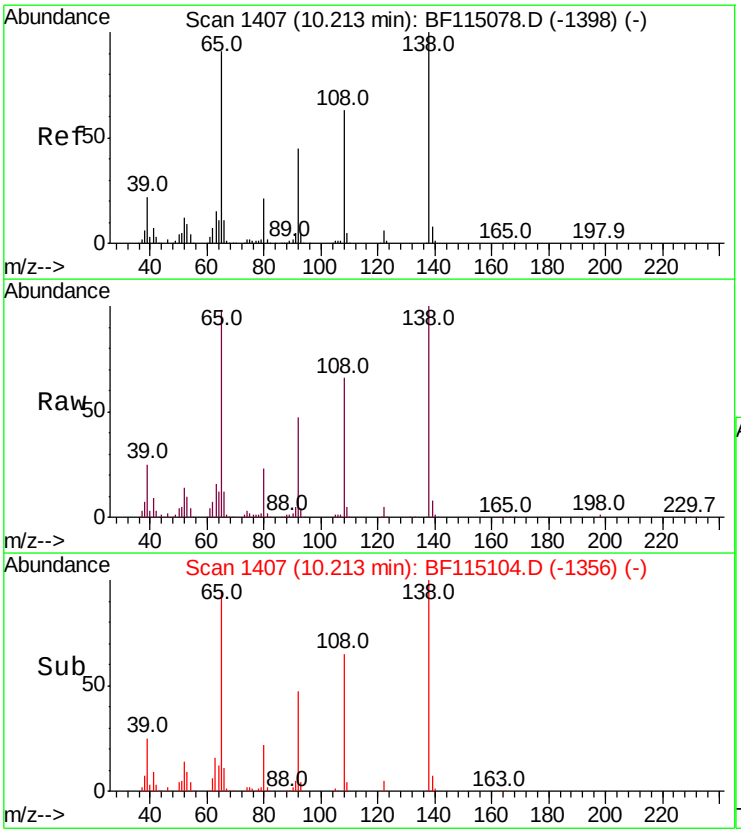
#61
4-Chlorophenyl-phenylether
Concen: 42.898 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 660032

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	62.4	46.7	70.1

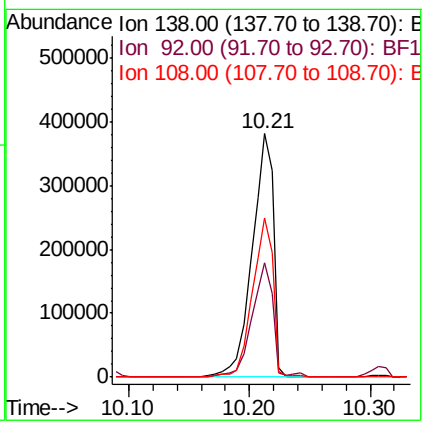


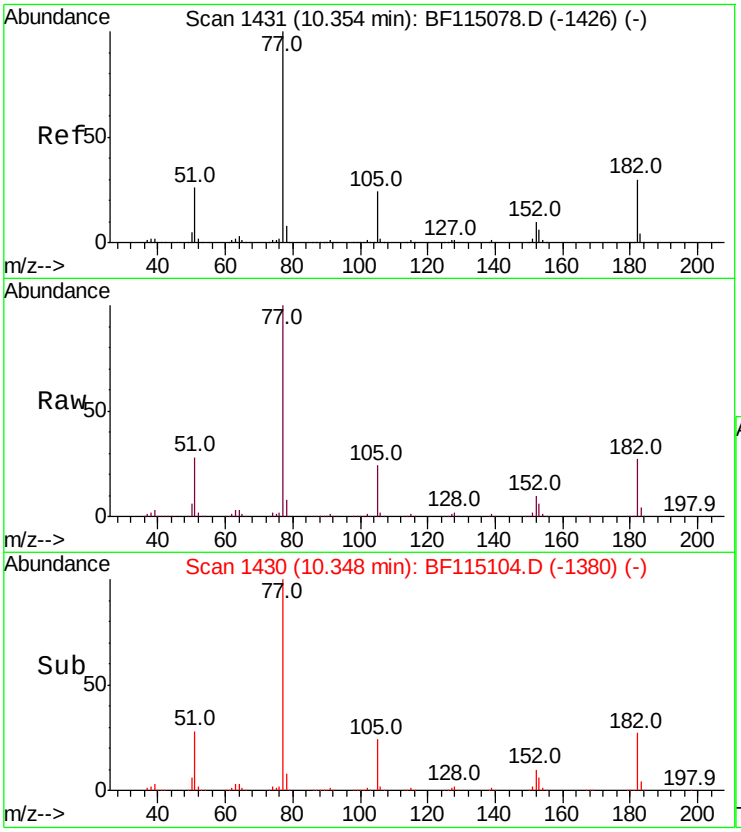


#62
4-Nitroaniline
Concen: 42.405 ng
RT: 10.21 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:138 Resp: 468666

Ion	Ratio	Lower	Upper
138	100		
92	46.7	24.8	64.8
108	65.6	43.3	83.3



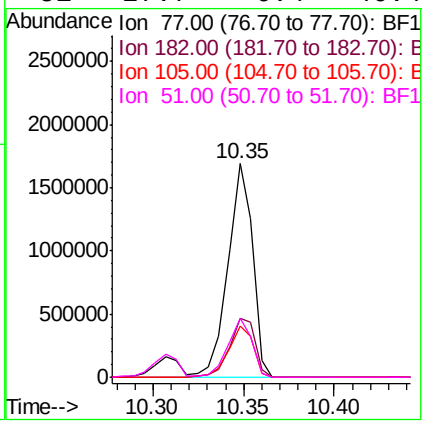


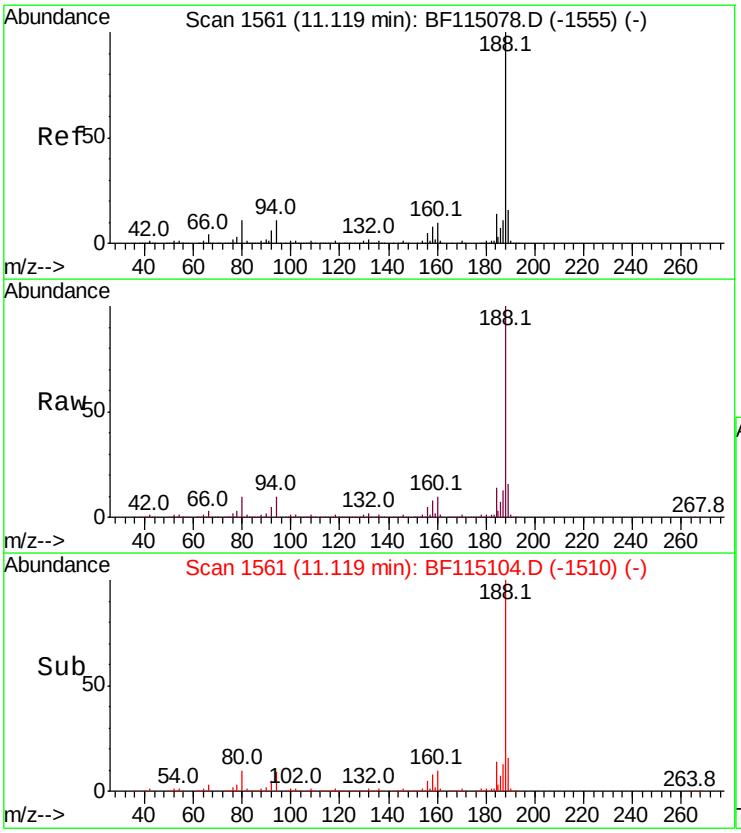
#63
Azobenzene
Concen: 43.519 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1597798

Ion	Ratio	Lower	Upper
77	100		
182	27.4	10.1	50.1
105	23.9	4.5	44.5
51	27.7	6.4	46.4

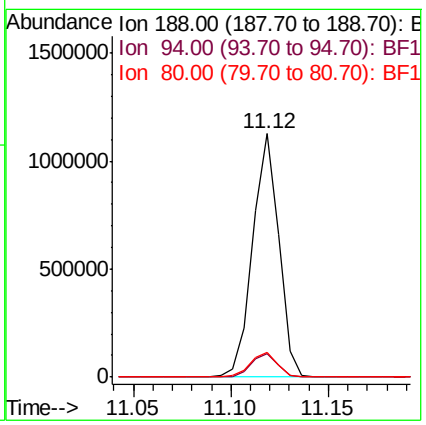


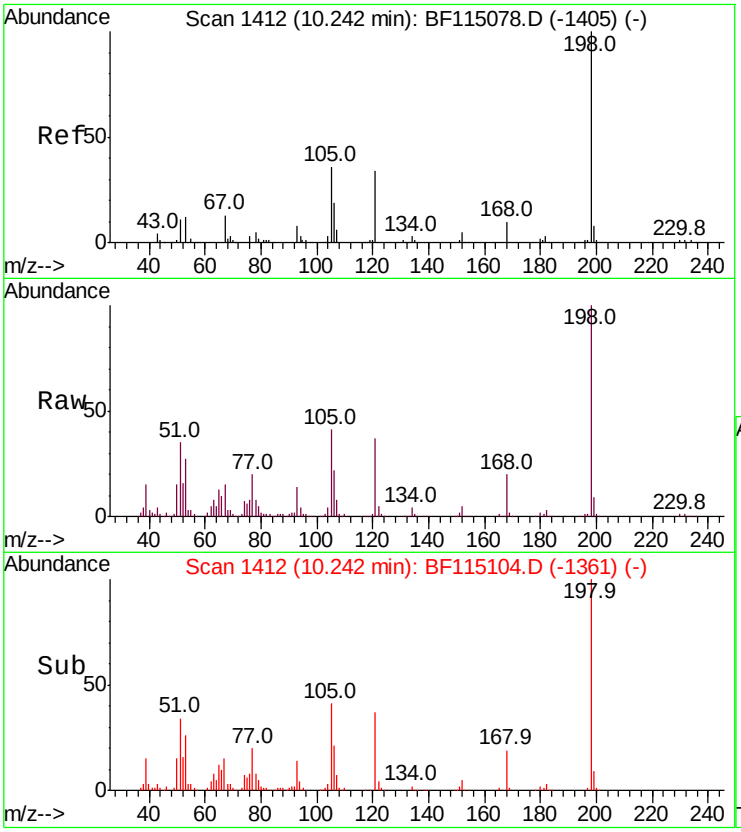


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:188 Resp: 1045967

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	10.2	8.8	13.2



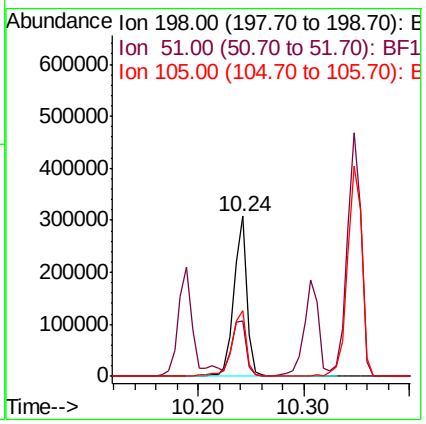


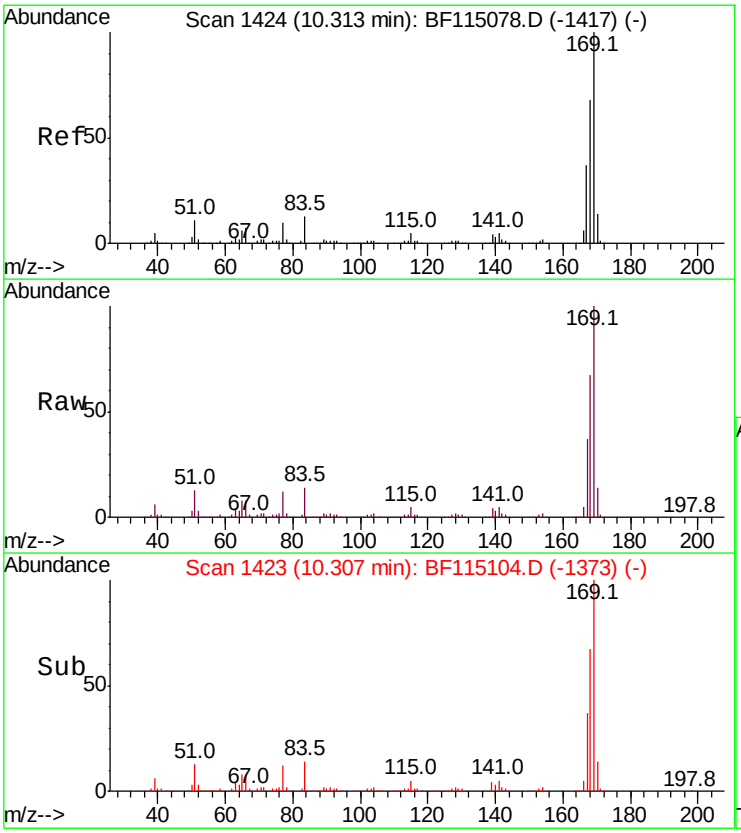
#65
4,6-Dinitro-2-methylphenol
Concen: 46.205 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 256001

Ion	Ratio	Lower	Upper
198	100		
51	34.5	11.0	51.0
105	41.4	17.3	57.3

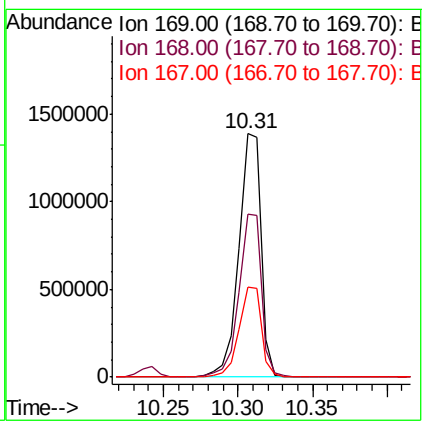


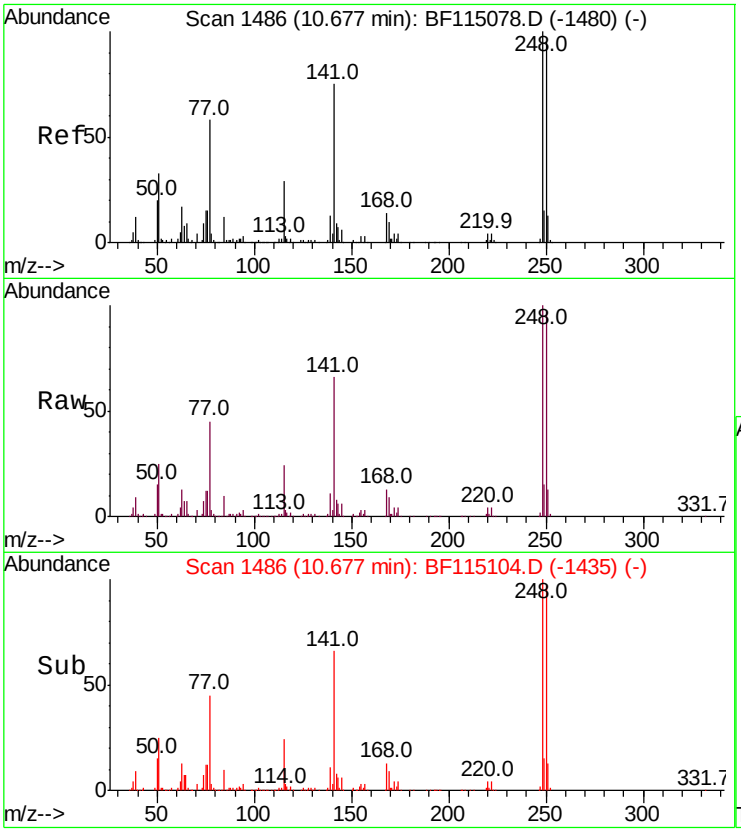


#66
n-Nitrosodiphenylamine
Concen: 44.021 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:169 Resp: 1434509

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.4
167	36.9	29.4	44.0



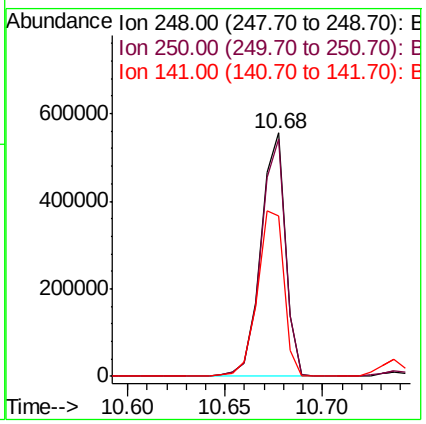


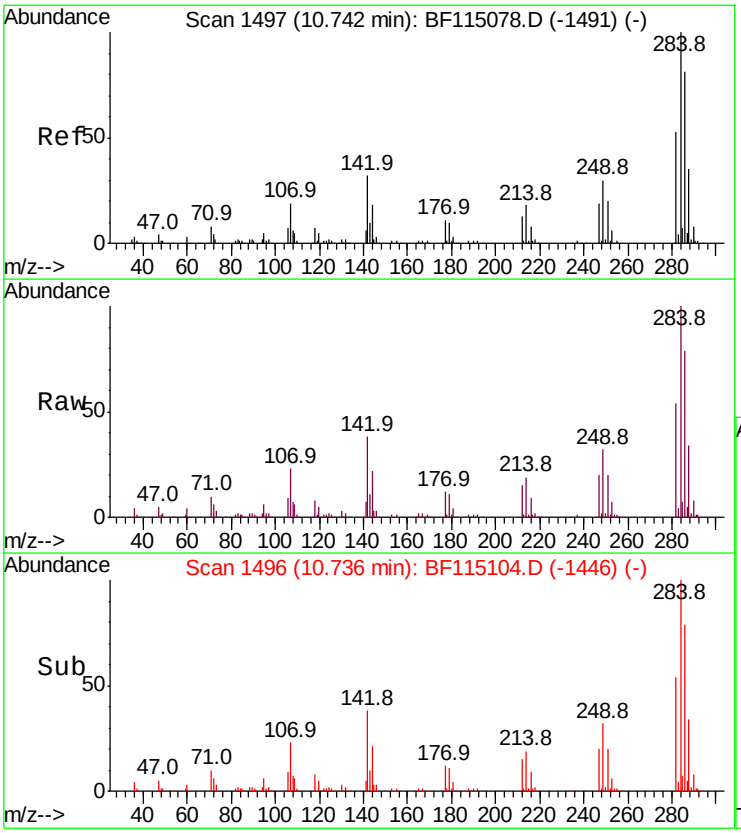
#67
4-Bromophenyl-phenylether
Concen: 42.831 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 485722

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.2	114.2
141	66.0	59.6	89.4

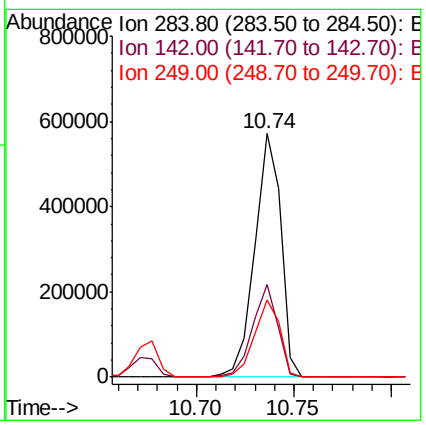


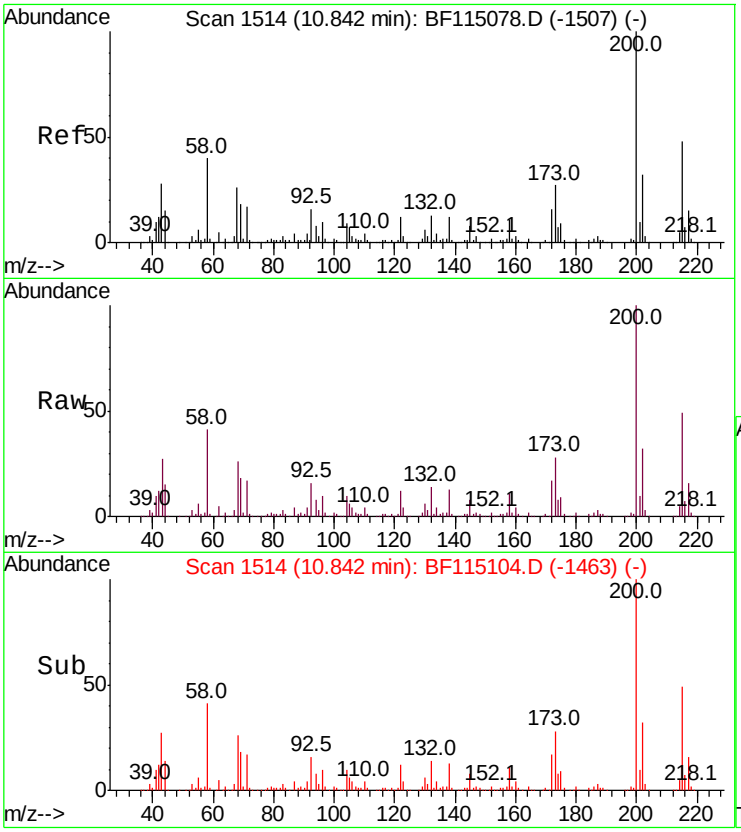


#68
Hexachlorobenzene
Concen: 42.977 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:284 Resp: 529018

Ion	Ratio	Lower	Upper
284	100		
142	37.8	25.8	38.8
249	31.8	24.2	36.4



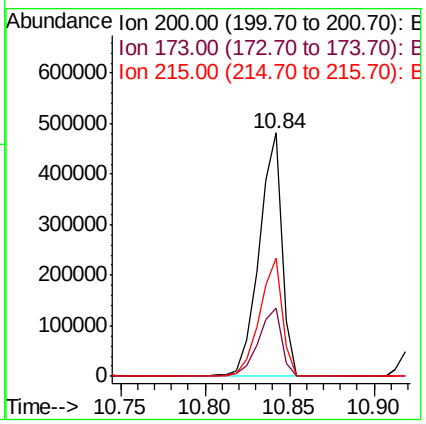


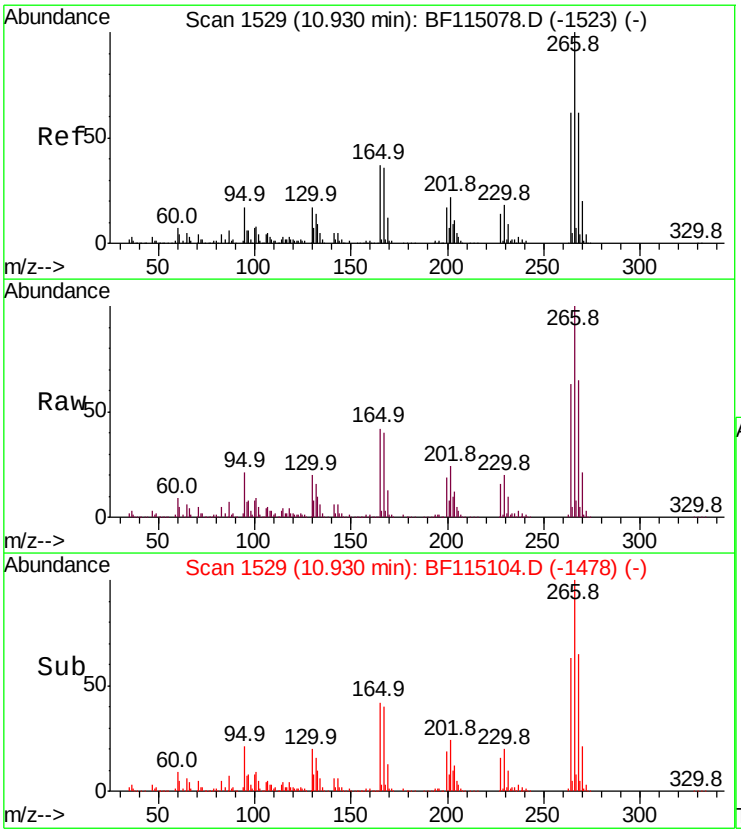
#69
Atrazine
Concen: 43.102 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 451816

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	48.6	27.8	67.8

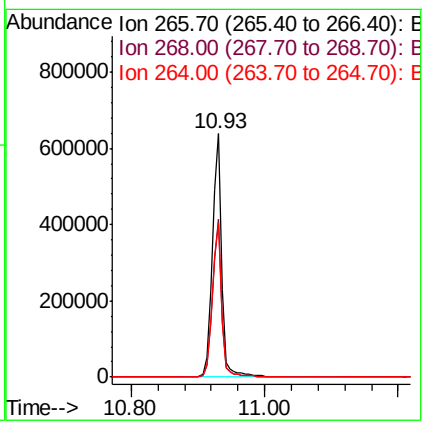


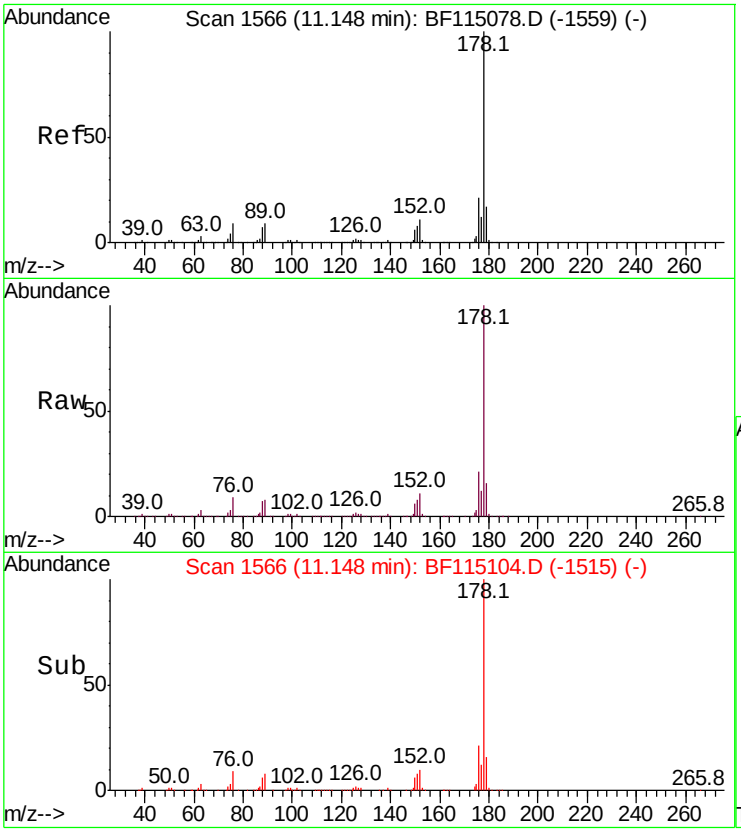


#70
Pentachlorophenol
Concen: 80.416 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:266 Resp: 630616

Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.5	74.3
264	63.5	49.3	73.9



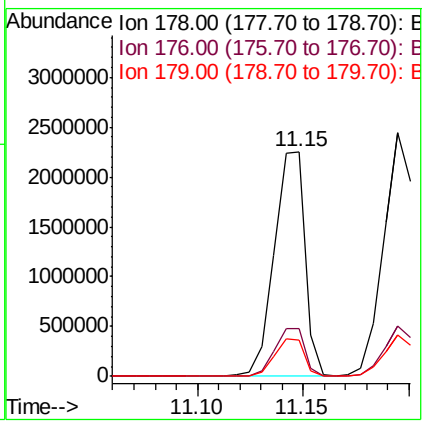


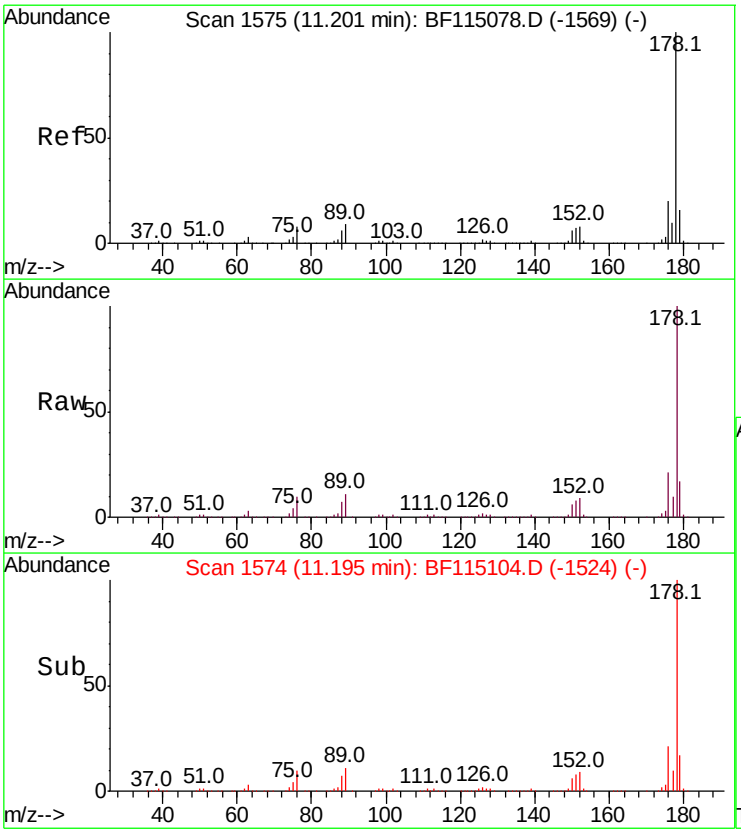
#71
Phenanthrene
Concen: 40.793 ng
RT: 11.15 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2297325

Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.9	25.3
179	16.3	13.2	19.8

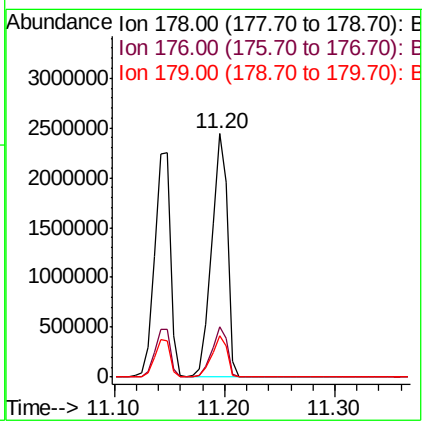


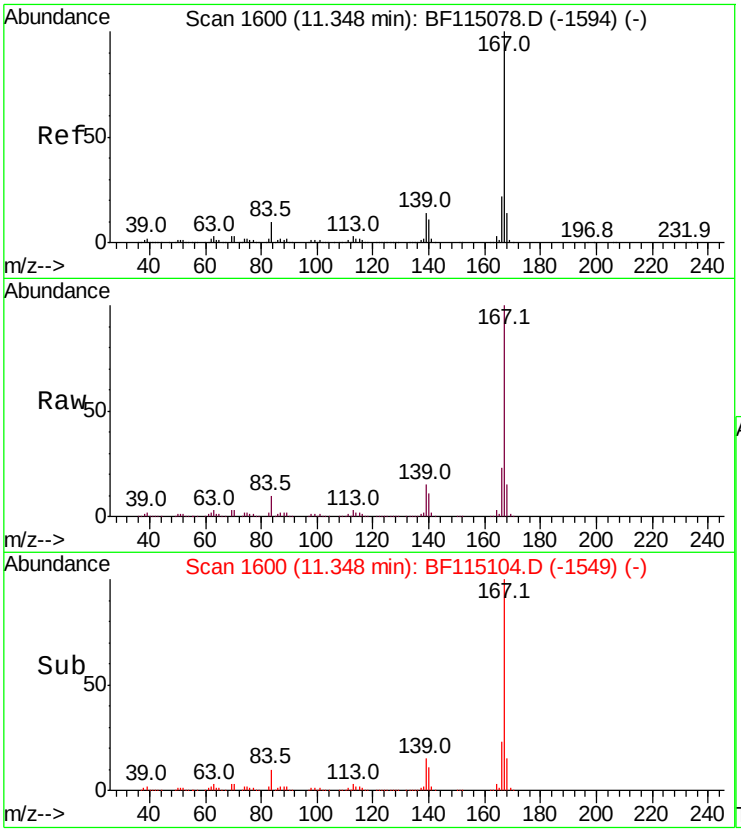


#72
Anthracene
Concen: 41.971 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:178 Resp: 2385928

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	17.1	12.9	19.3



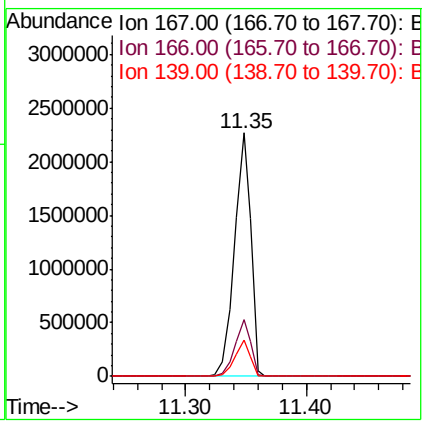


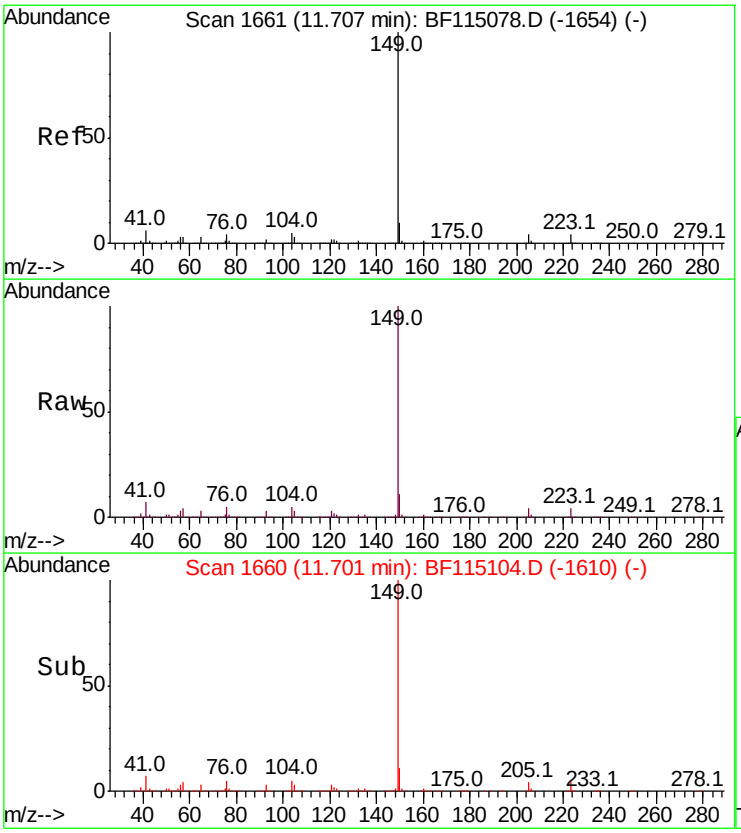
#73
Carbazole
Concen: 42.301 ng
RT: 11.35 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 2147325

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.8	11.1	16.7

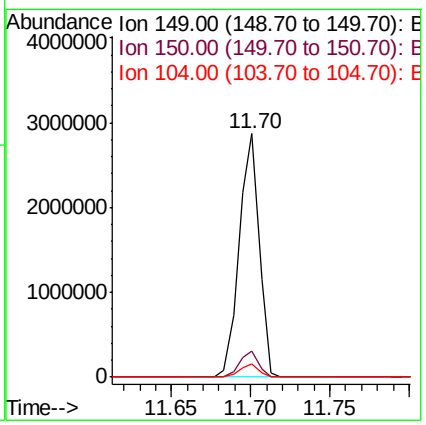


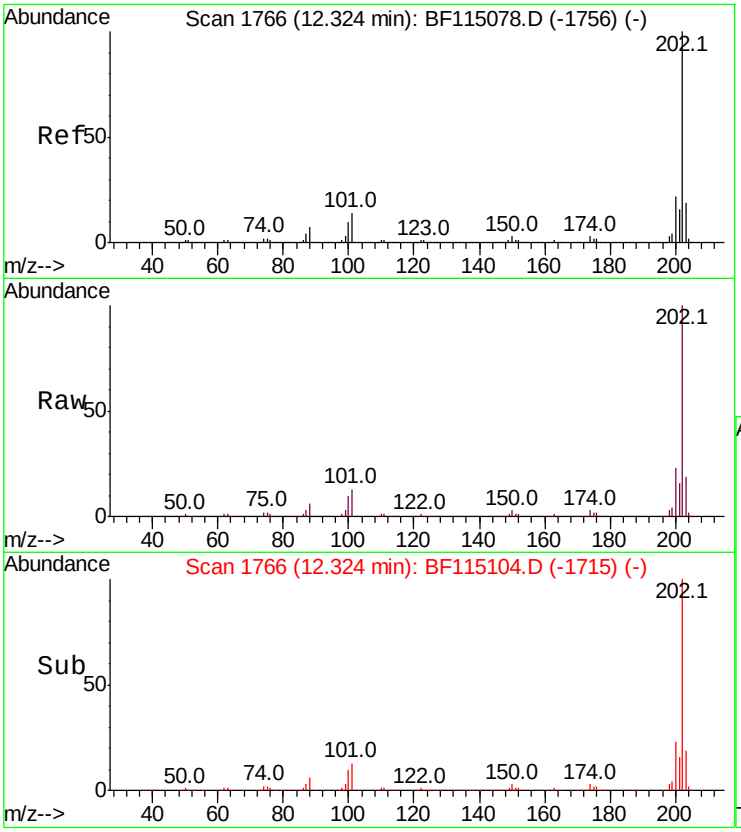


#74
Di-n-butylphthalate
Concen: 42.560 ng
RT: 11.70 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 2496542

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	5.2	3.7	5.5



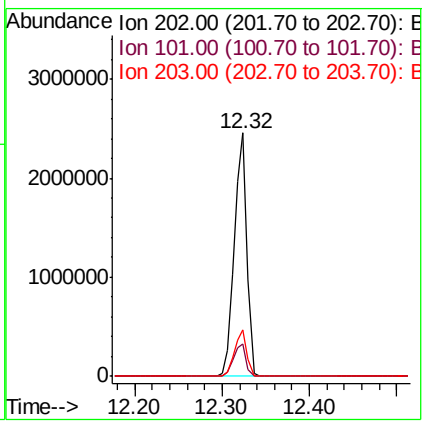


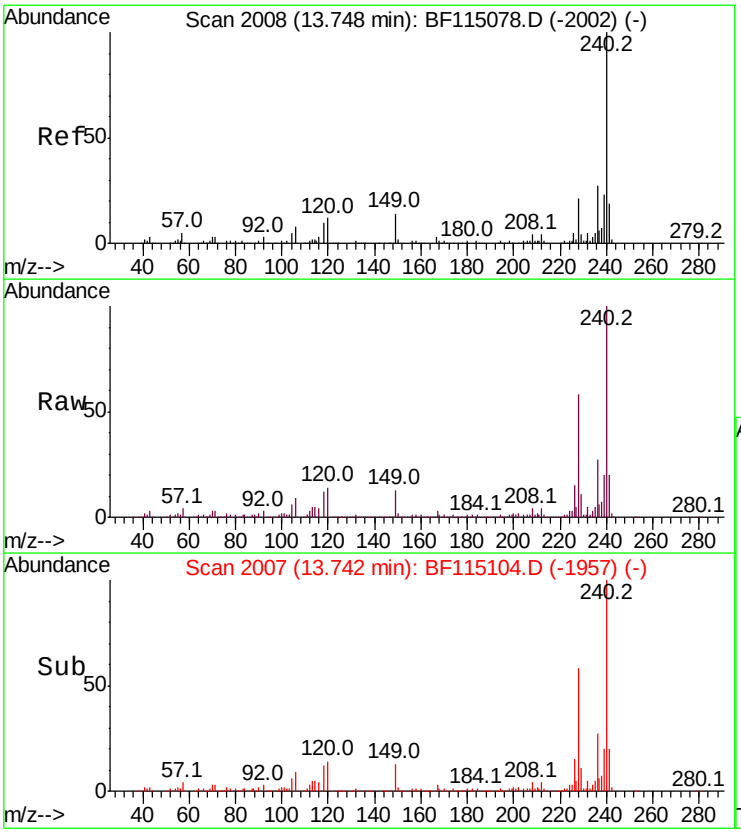
#75
Fluoranthene
Concen: 42.529 ng
RT: 12.32 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2389691

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.0
203	19.0	0.0	38.8

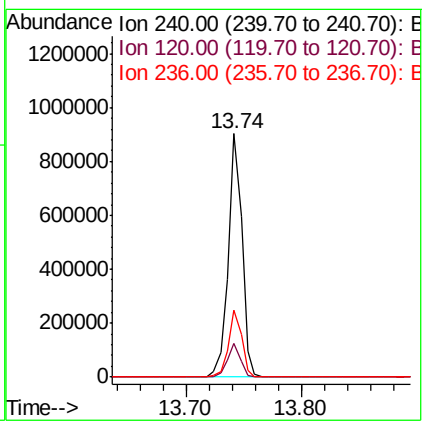


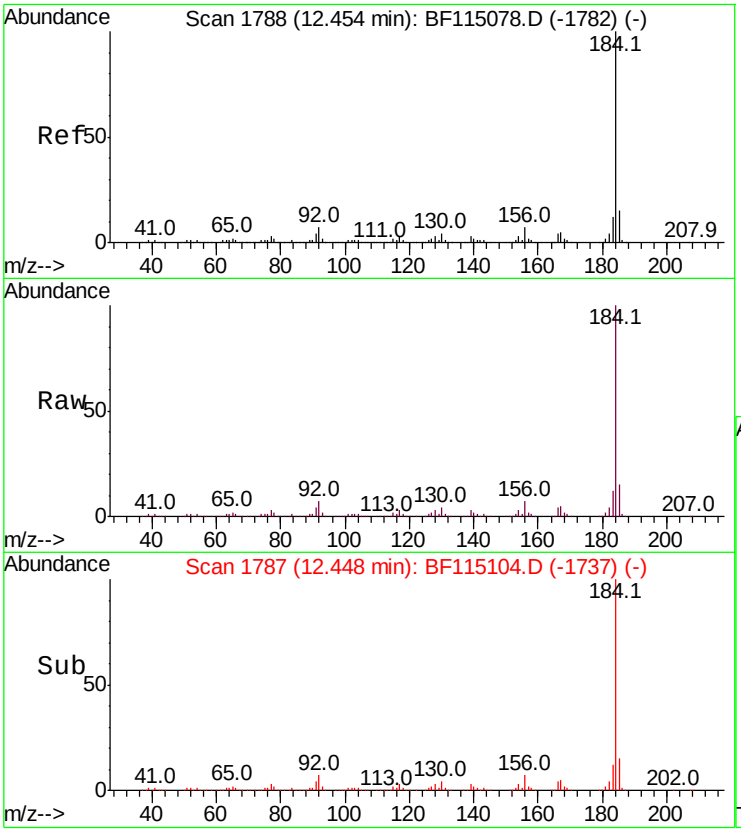


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:240 Resp: 737600

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.4	14.2
236	27.3	21.7	32.5



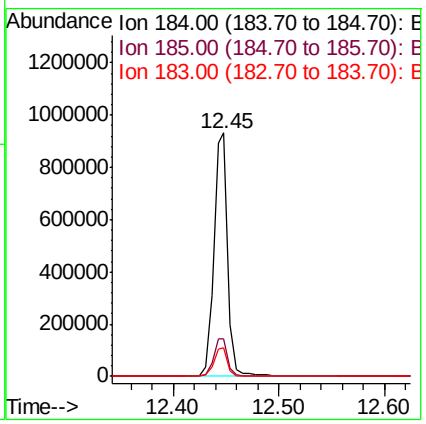


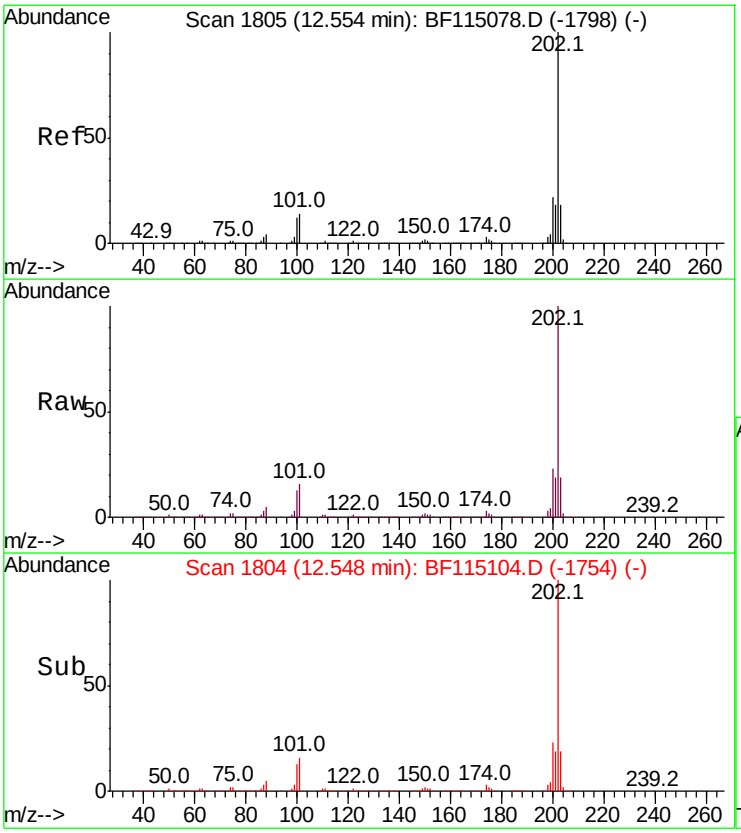
#77
Benzidine
Concen: 26.508 ng
RT: 12.45 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 868197

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	12.0	9.6	14.4

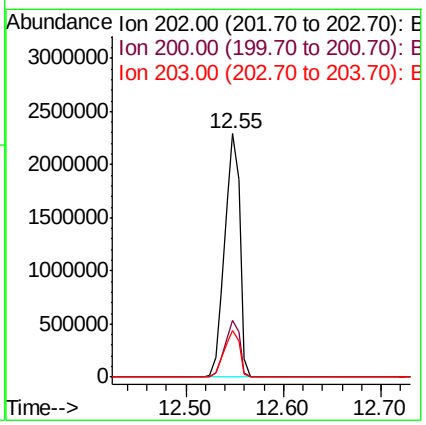


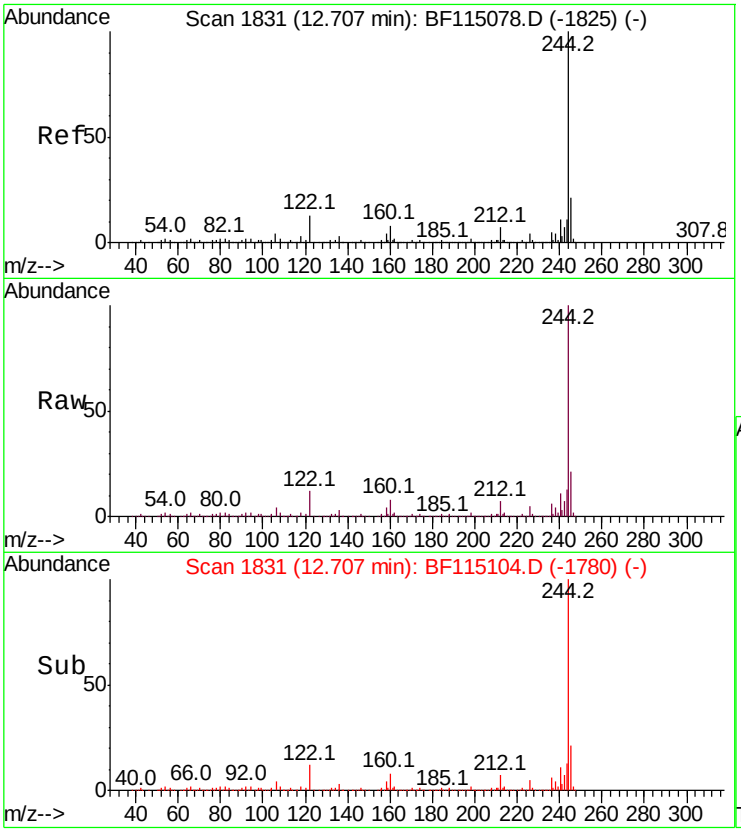


#78
Pyrene
Concen: 43.507 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:202 Resp: 2466216

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	18.9	14.6	21.8



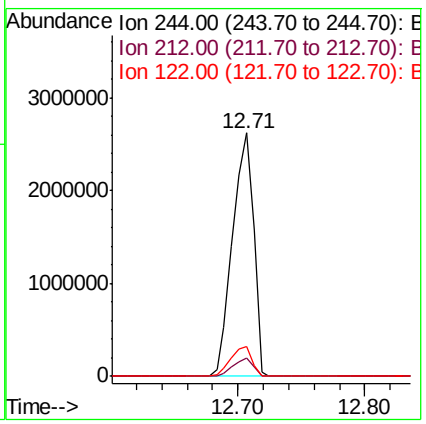


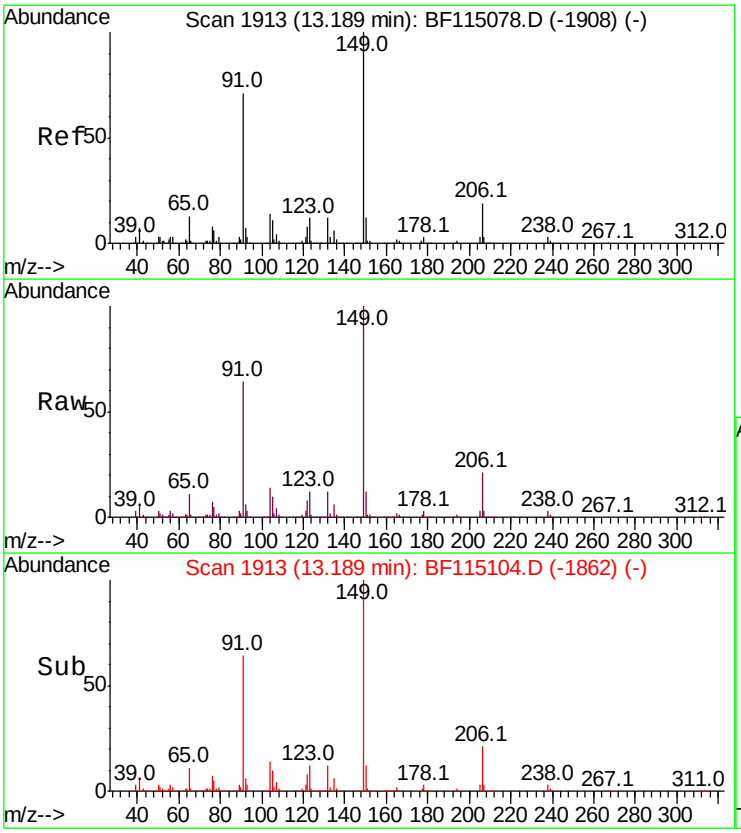
#79
Terphenyl-d14
Concen: 85.920 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2980697

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.1	10.4	15.6

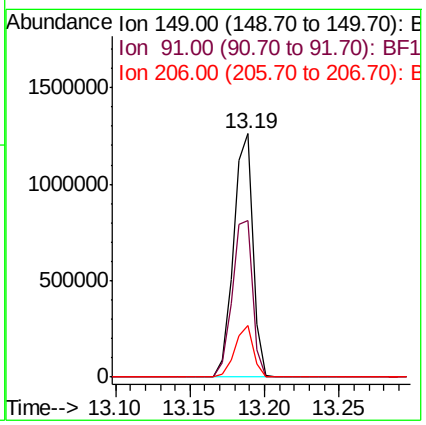


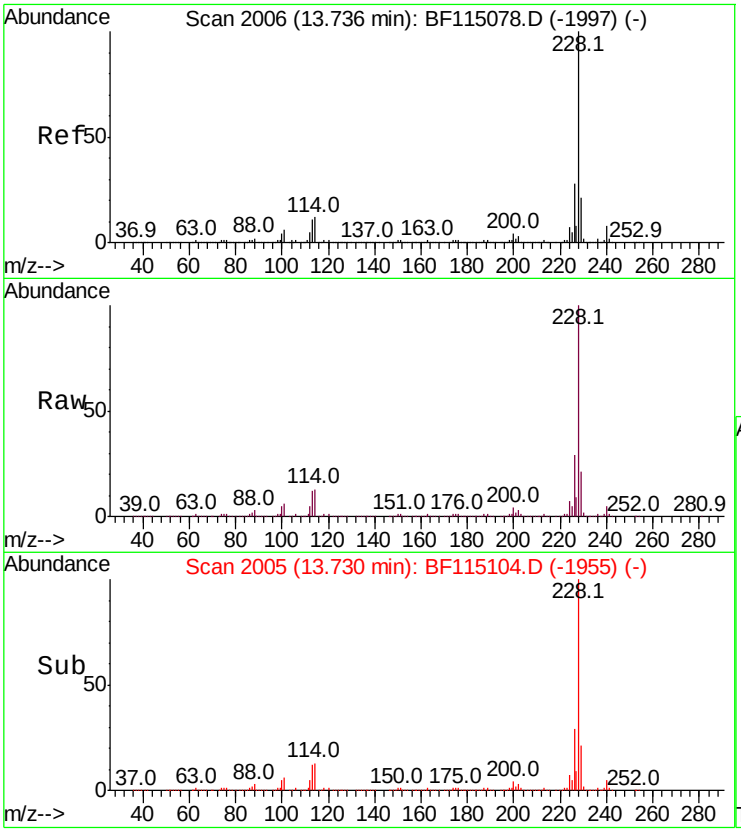


#80
Butylbenzylphthalate
Concen: 46.267 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1157406

Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.5	84.7
206	21.5	15.3	22.9



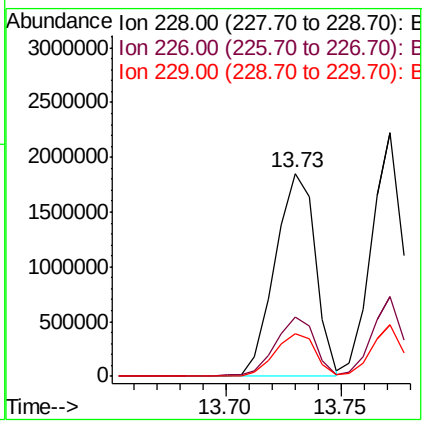


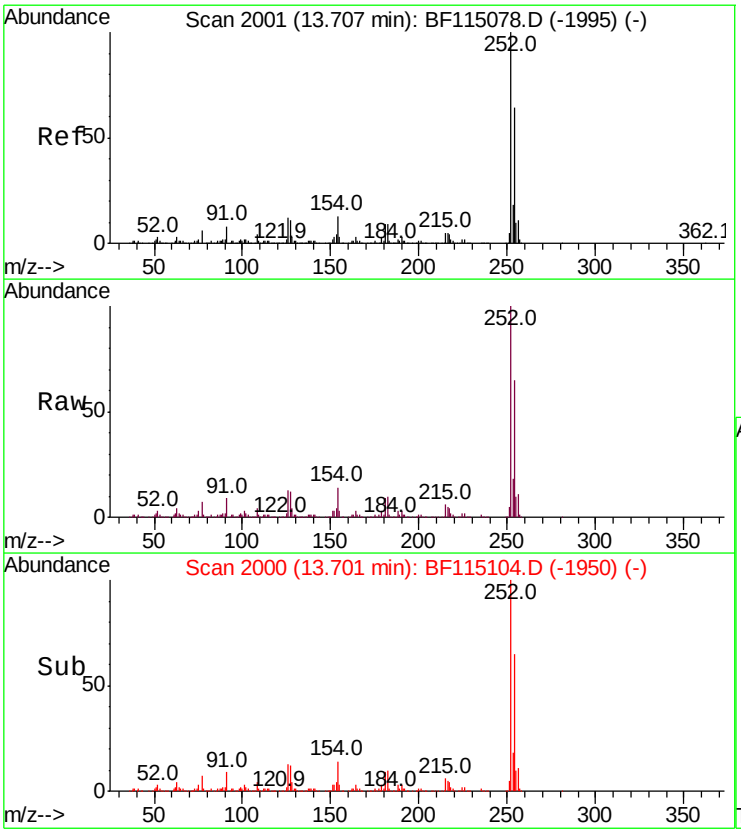
#81
Benzo(a)anthracene
Concen: 42.357 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 2241772

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.1	16.6	24.8

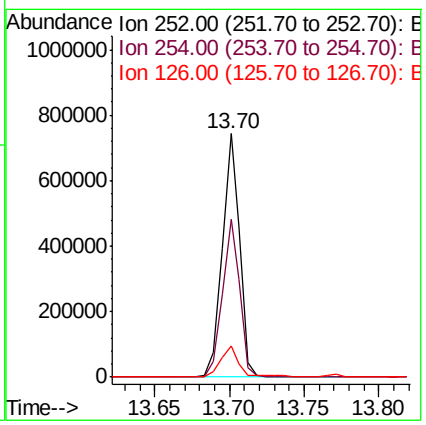


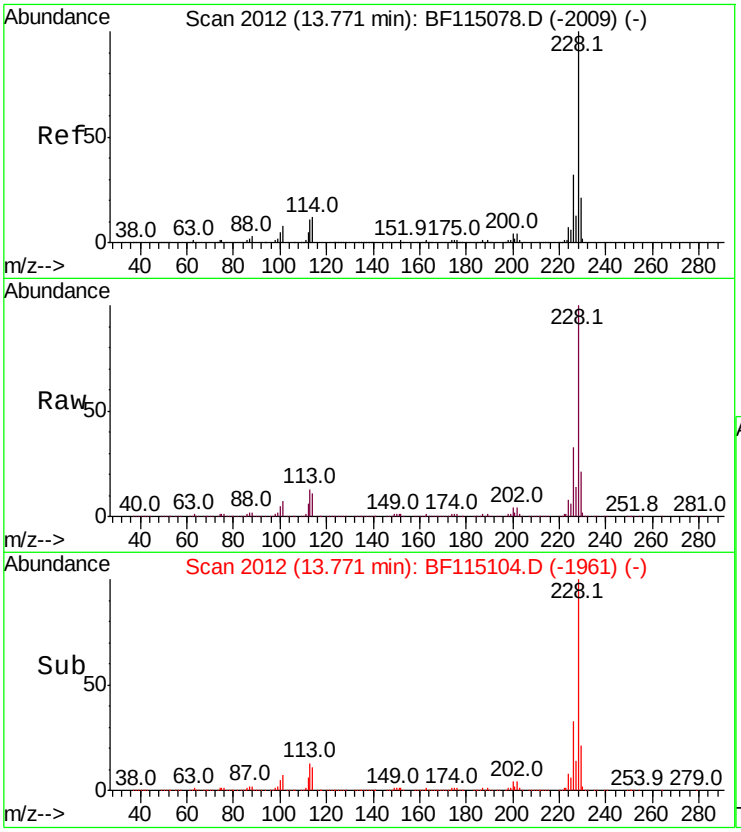


#82
3,3'-Dichlorobenzidine
Concen: 32.039 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:252 Resp: 612343

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	12.8	9.4	14.0



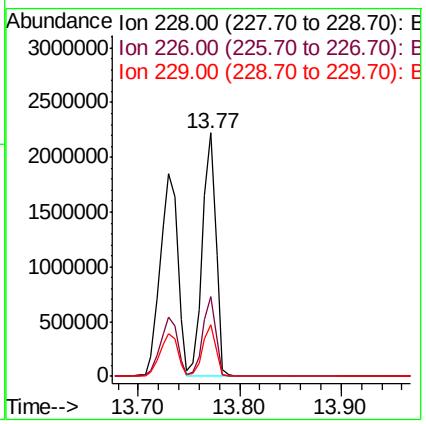


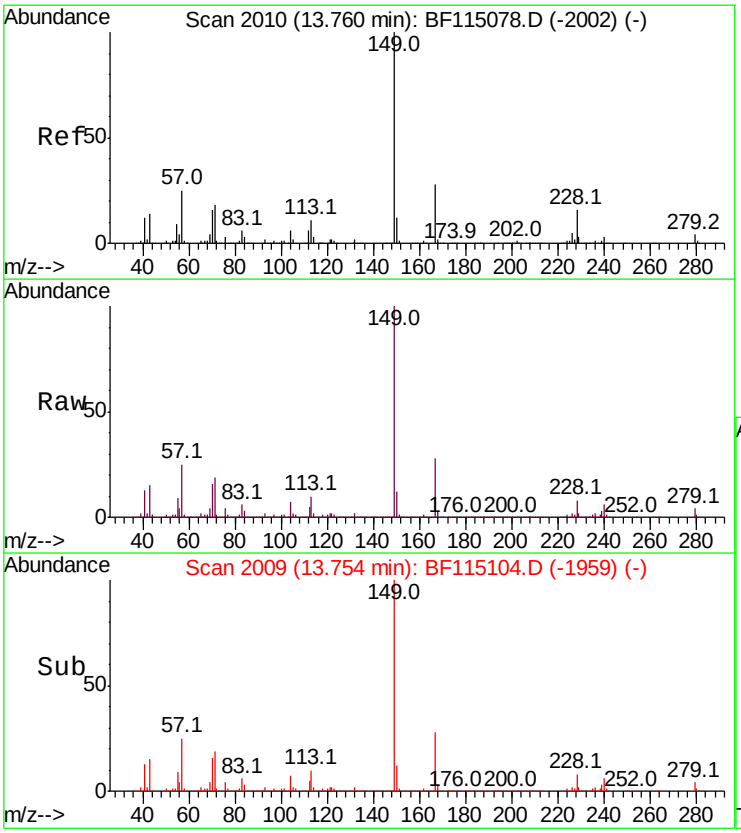
#83
Chrysene
Concen: 42.310 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 2051236

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	21.2	16.5	24.7

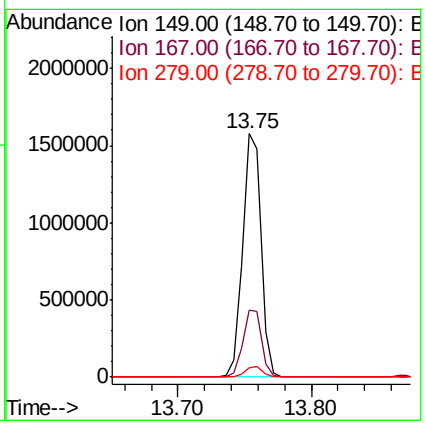


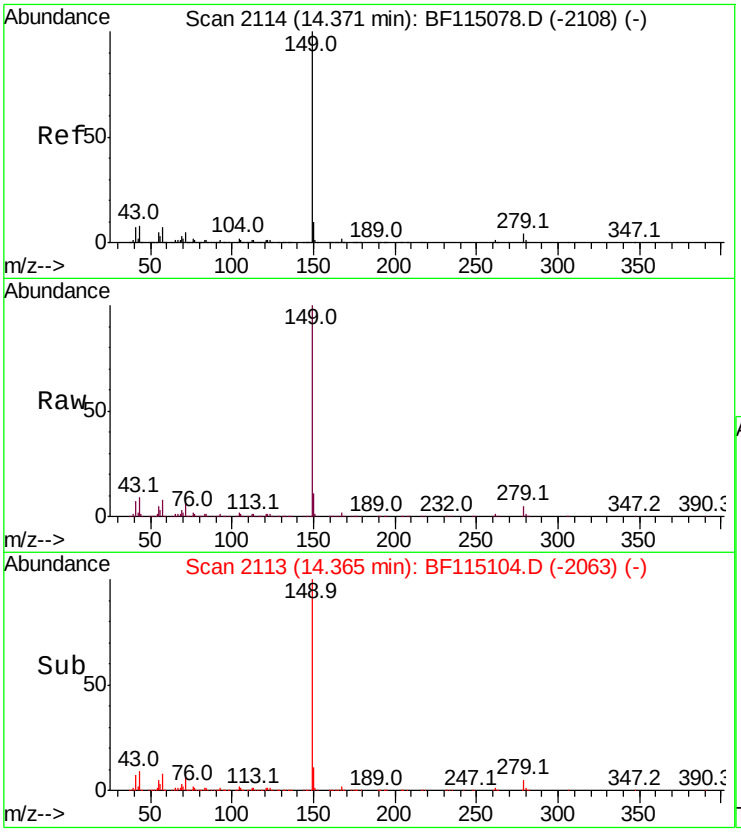


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.722 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:149 Resp: 1498697

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.7	2.9	4.3



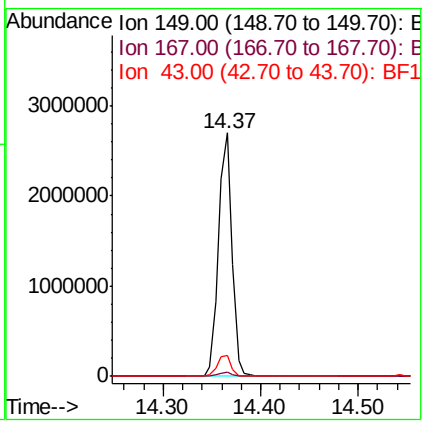


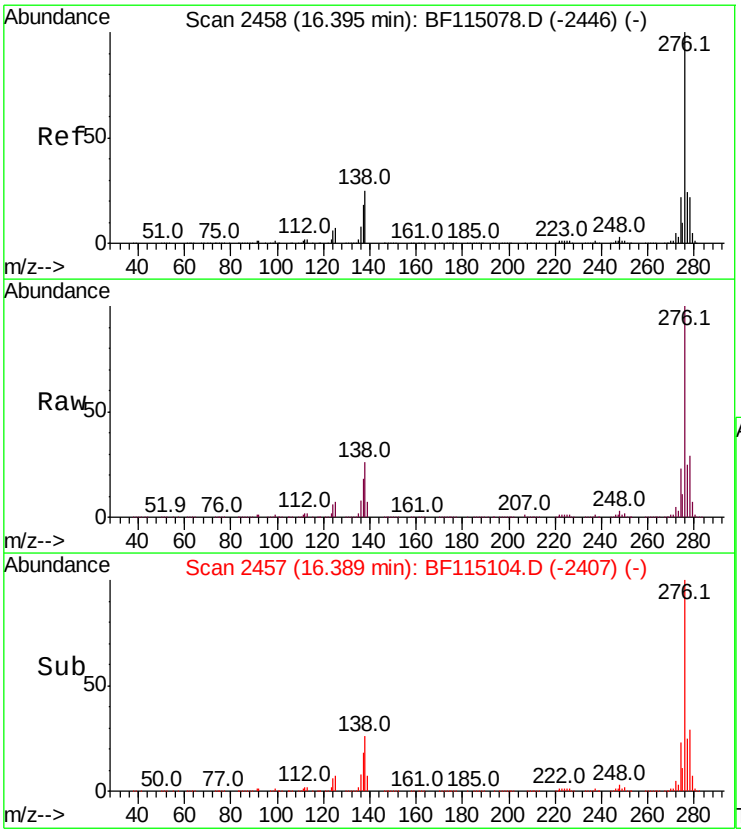
#85
Di-n-octyl phthalate
Concen: 46.863 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2580879

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	7.0	10.6

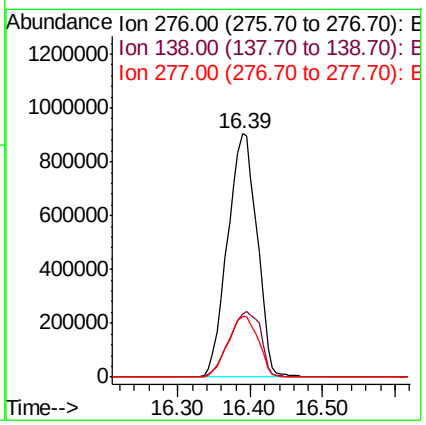


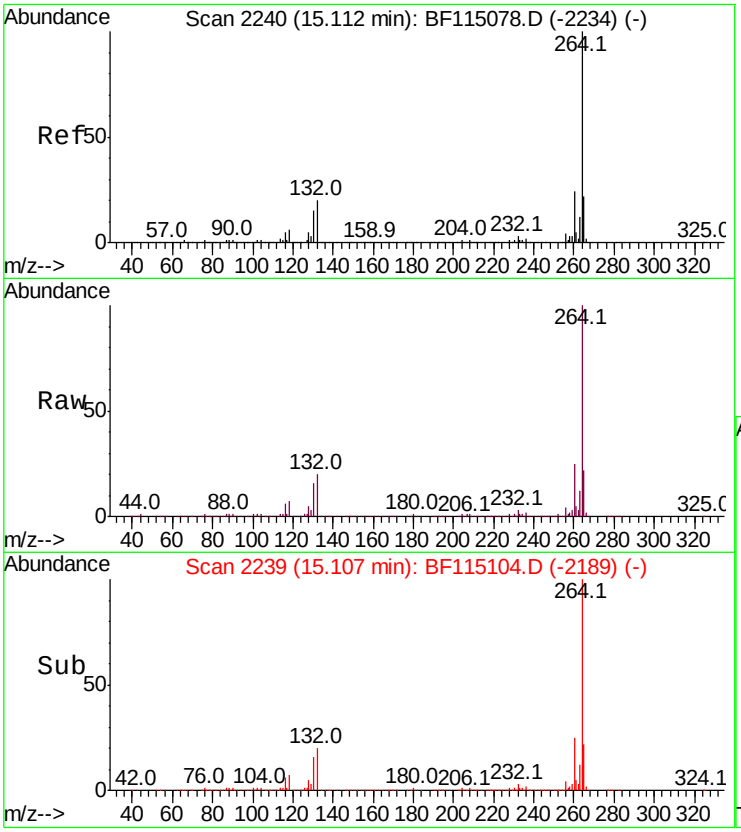


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.668 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:276 Resp: 2562453

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.2	34.8
277	25.7	20.1	30.1



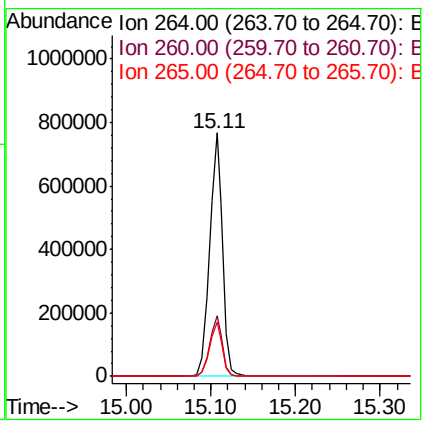


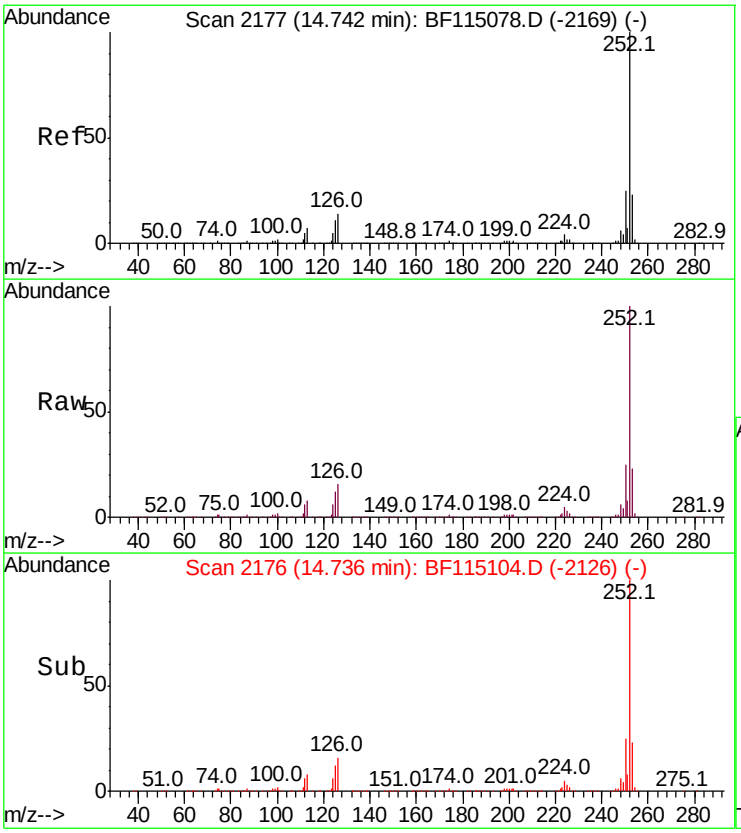
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 831742

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.3	25.9

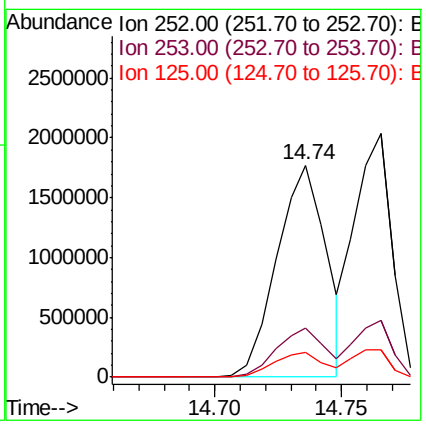


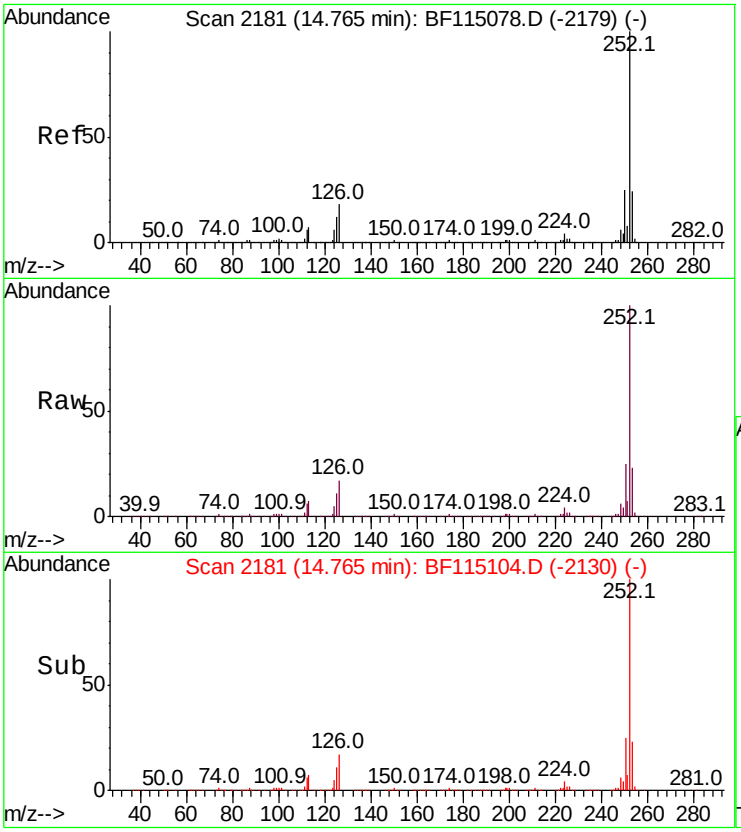


#88
Benzo(b)fluoranthene
Concen: 46.126 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:252 Resp: 2393883

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.9	8.7	13.1



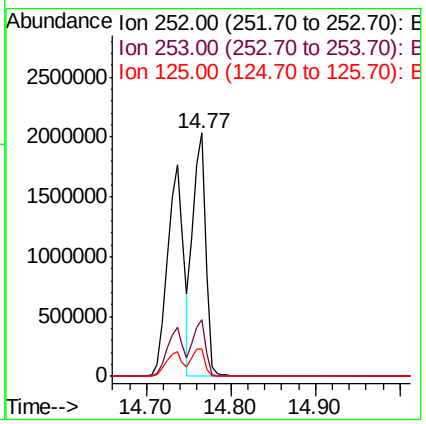


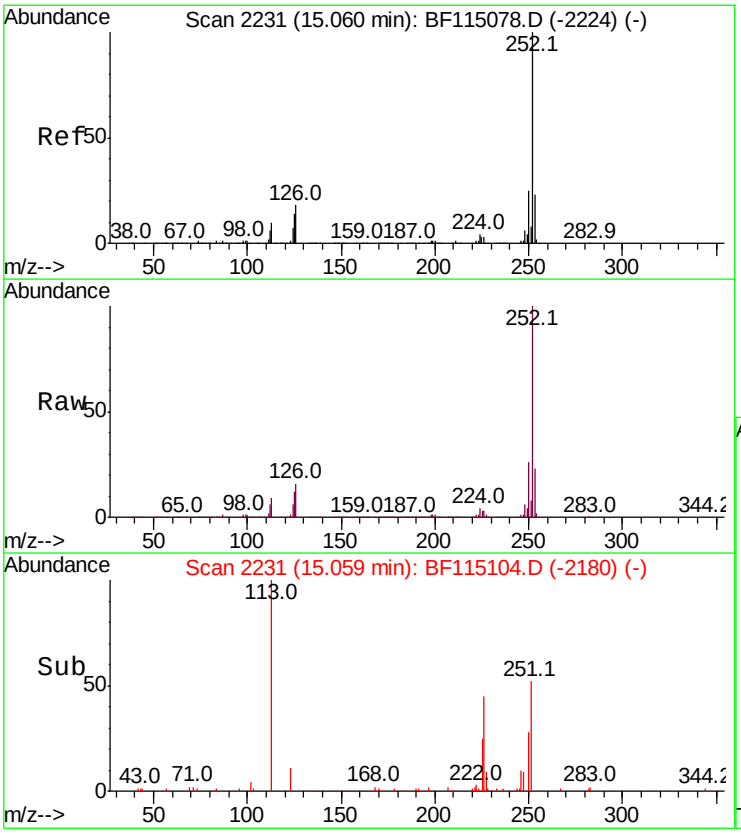
#89
Benzo(k)fluoranthene
Concen: 45.307 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2108668

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.5	10.2	15.2

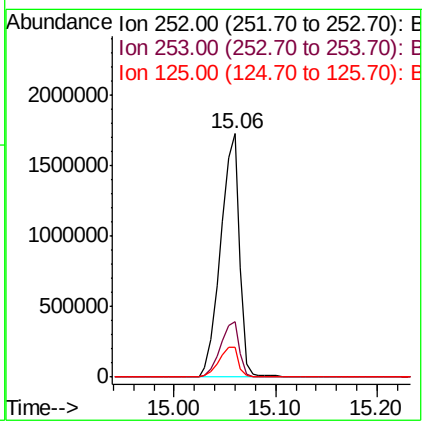


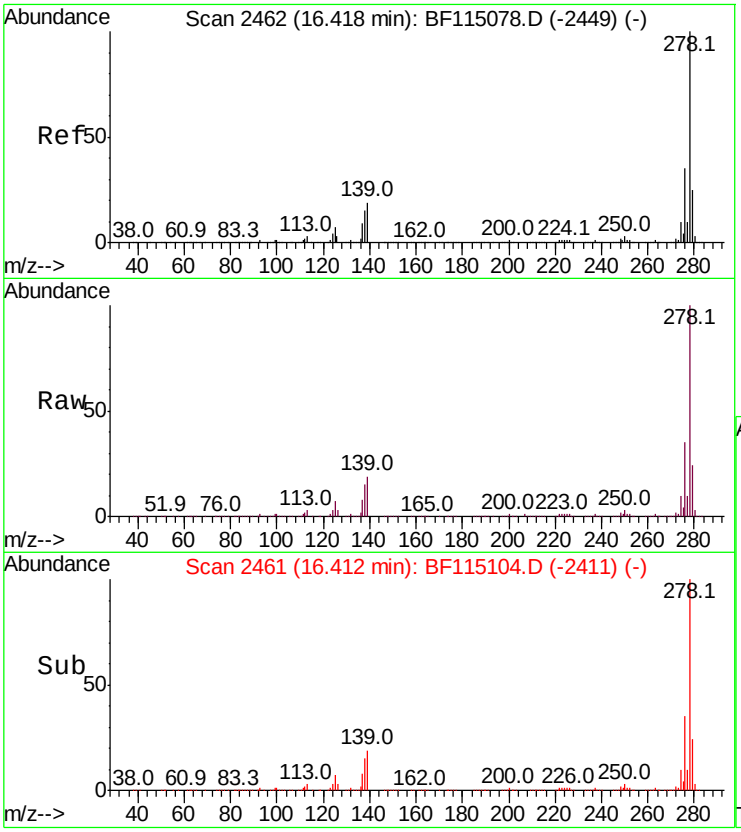


#90
Benzo(a)pyrene
Concen: 47.870 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:252 Resp: 2239190

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.1	10.9	16.3



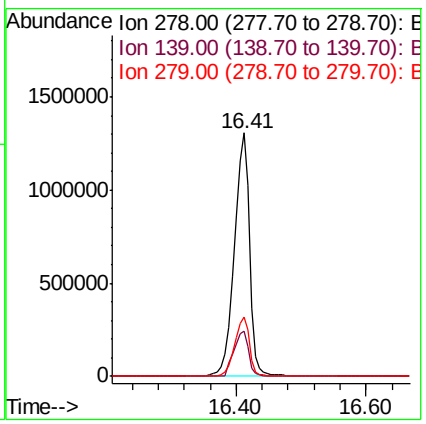


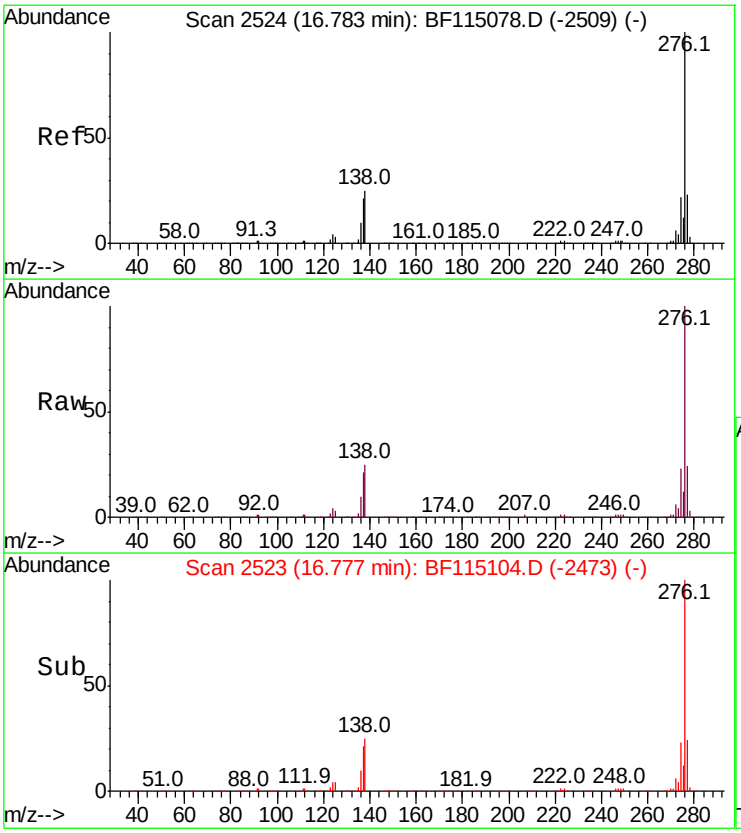
#91
Dibenzo(a,h)anthracene
Concen: 48.510 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Instrument :
BNA_F
ClientSampleId :

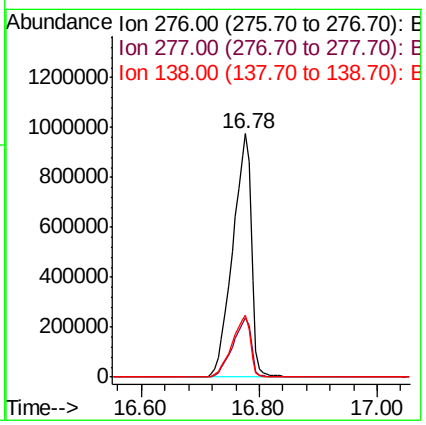
Tgt Ion:278 Resp: 2118392

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.4	23.2
279	24.4	19.9	29.9





#92
Benzo(g,h,i)perylene
Concen: 48.791 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115104.D
Acq: 22 Jun 2019 3:09

Tgt Ion:276 Resp: 2156475

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	25.4	19.8	29.6