Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098418.D
Acq On : 11 Sep 2017 22:44
Operator : SJ/JU
Sample : I5138-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-UTS-TS001-02

Quant Time: Sep 12 01:41:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	235043	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	979276	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	430557	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	738054	20.00	ng		0.00
75) Chrysene-d12	13.81	240	384189	20.00	ng		0.00
86) Perylene-d12	15.21	264	356451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1807540	113.70	ng		0.00
7) Phenol-d6	6.32	99	2261736	112.06	ng		0.00
23) Nitrobenzene-d5	7.24	82	1416131	80.62	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	346376	120.54	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1690554	66.55	ng		0.00
78) Terphenyl-d14	12.76	244	1077945	60.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	1035	0.126	ng	#	58
3) Pyridine	2.95	79	115	0.005	ng	#	1
4) n-Nitrosodimethylamine	2.95	42	234	0.022	ng	#	1
6) Aniline	6.33	93	3226	0.127	ng	#	1
8) 2-Chlorophenol	6.46	128	690	0.039	ng	#	1
9) Benzaldehyde	6.32	77	4551	0.345	ng	#	1
10) Phenol	6.33	94	93825	4.002	ng		95
11) bis(2-Chloroethyl)ether	6.40	93	117	0.007	ng	#	19
12) 1,3-Dichlorobenzene	6.82	146	339	0.019	ng	#	1
13) 1,4-Dichlorobenzene	6.82	146	339	0.019	ng	#	1
14) 1,2-Dichlorobenzene	6.82	146	339	0.021	ng	#	1
15) Benzyl Alcohol	6.82	79	22389	1.667	ng	#	36
16) 2,2'-oxybis(1-Chloropropan	6.95	45	106	0.004	ng		70
17) 2-Methylphenol	6.82	107	524	0.037	ng	#	1
18) Hexachloroethane	6.89	117	115	0.017	ng	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	190860	15.033	ng	#	80
20) 3+4-Methylphenols	7.12	107	2854	0.159	ng	#	60
22) Acetophenone	7.09	105	1524	0.060	ng	#	90
24) Nitrobenzene	7.24	77	4395	0.220	ng	#	34
25) Isophorone	7.24	82	1385559	38.986	ng	#	67
27) 2,4-Dimethylphenol	7.76	122	813	0.053	ng	#	69
28) bis(2-Chloroethoxy)methane	7.95	93	391	0.018	ng	#	1
31) Naphthalene	7.97	128	2378	0.049	ng	#	92
32) Benzoic acid	7.76	122	813	8.035	ng	#	37
33) 4-Chloroaniline	7.97	127	292	0.015	ng	#	4
36) 4-Chloro-3-methylphenol	8.53	107	234	0.015	ng	#	14
37) 2-Methylnaphthalene	8.66	142	830	0.028	ng	#	90
45) 1,1'-Biphenyl	9.12	154	3716	0.096	ng		90
47) 2-Nitroaniline	9.22	65	353	0.033	ng	#	26
48) Acenaphthylene	9.56	152	3812	0.093	ng	#	94
49) Dimethylphthalate	9.42	163	373899	11.219	ng		99
50) 2,6-Dinitrotoluene	9.42	165	4873	0.712	ng	#	1
51) Acenaphthene	9.73	154	2057	0.079	ng		93
54) Dibenzofuran	9.90	168	2733	0.080	ng	#	69

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098418.D
Acq On : 11 Sep 2017 22:44
Operator : SJ/JU
Sample : I5138-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-UTS-TS001-02

Quant Time: Sep 12 01:41:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	9.90	139	1486	0.313	ng	#	45
56) 2,4-Dinitrotoluene	9.70	165	55184	6.630	ng	#	33
57) Fluorene	10.25	166	3776	0.133	ng	#	95
59) Diethylphthalate	10.12	149	1356	0.043	ng	#	82
62) Azobenzene	10.42	77	3350	0.098	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.49	198	774	5.118	ng	#	1
65) n-Nitrosodiphenylamine	10.49	169	14422	0.602	ng	#	46
66) 4-Bromophenyl-phenylether	10.49	248	26076	3.723	ng	#	1
68) Atrazine	10.80	200	246	0.033	ng	#	1
70) Phenanthrene	11.20	178	74558	1.906	ng		98
71) Anthracene	11.20	178	74558	1.856	ng		98
72) Carbazole	11.42	167	8727	0.233	ng	#	95
73) Di-n-butylphthalate	11.75	149	6105	0.136	ng	#	93
74) Fluoranthene	12.39	202	110259	2.815	ng		99
76) Benzidine	12.76	184	16479	0.969	ng	#	97
77) Pyrene	12.62	202	85389	2.817	ng		99
79) Butylbenzylphthalate	13.24	149	2914	0.222	ng	#	36
80) Benzo(a)anthracene	13.80	228	31111	1.381	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	836	0.096	ng	#	27
82) Chrysene	13.83	228	28925	1.270	ng		97
83) Bis(2-ethylhexyl)phthalate	13.80	149	5675	0.344	ng	#	94
84) Di-n-octyl phthalate	14.40	149	991	0.035	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.55	276	17710	1.109	ng		93
87) Benzo(b)fluoranthene	14.82	252	45752	2.041	ng	#	90
88) Benzo(k)fluoranthene	14.82	252	45752	2.187	ng		94
89) Benzo(a)pyrene	15.15	252	24458	1.225	ng	#	90
90) Dibenzo(a,h)anthracene	16.55	278	3534	0.243	ng	#	79
91) Benzo(g,h,i)perylene	16.96	276	17844	1.221	ng	#	93

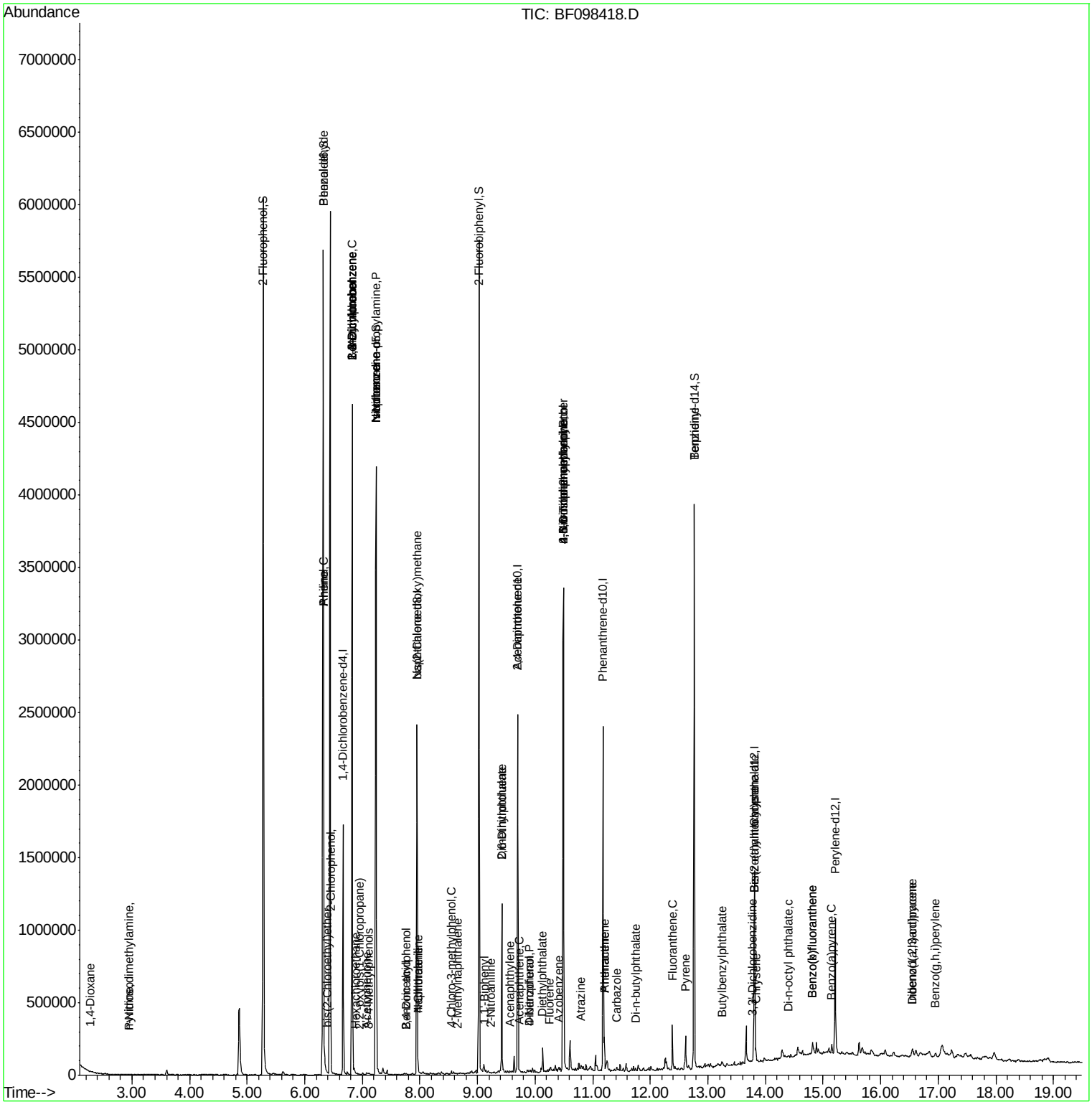
(#) = qualifier out of range (m) = manual integration (+) = signals summed

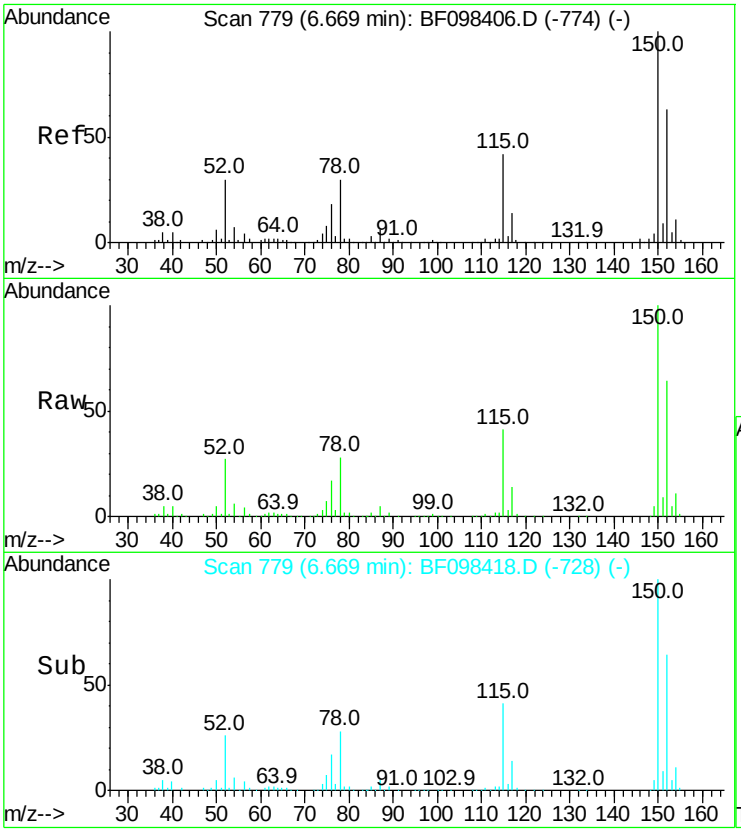
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098418.D
Acq On : 11 Sep 2017 22:44
Operator : SJ/JU
Sample : I5138-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Quant Time: Sep 12 01:41:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration



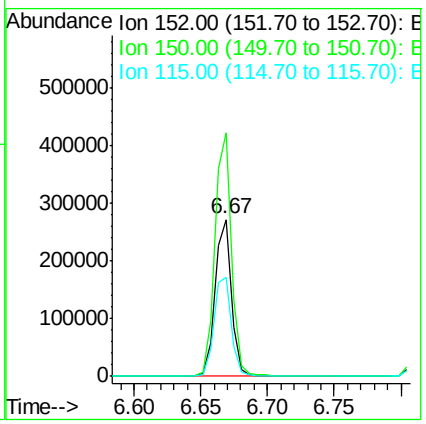


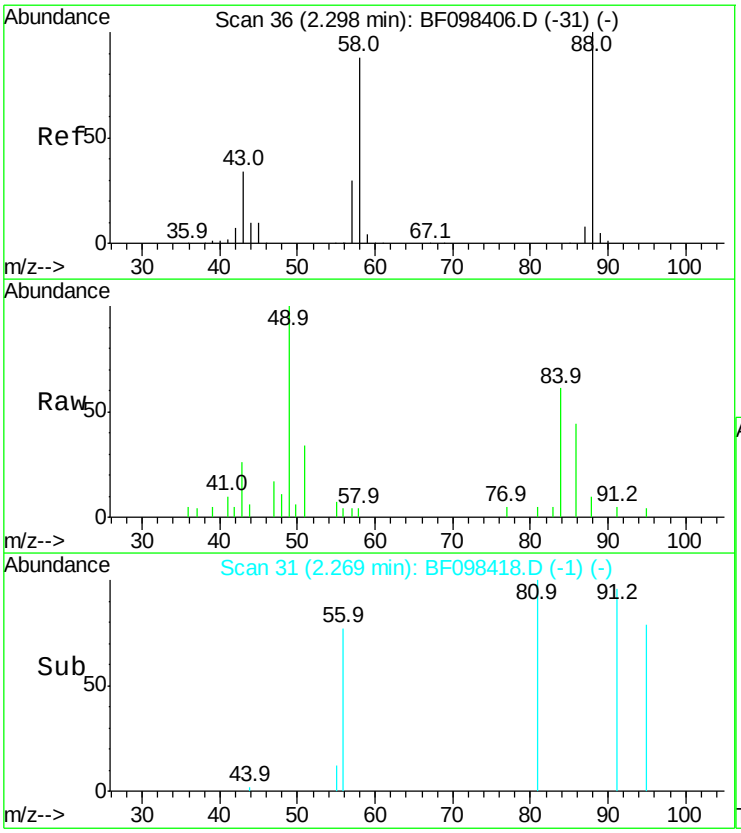
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:152 Resp: 235043

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	63.0	52.2	78.2

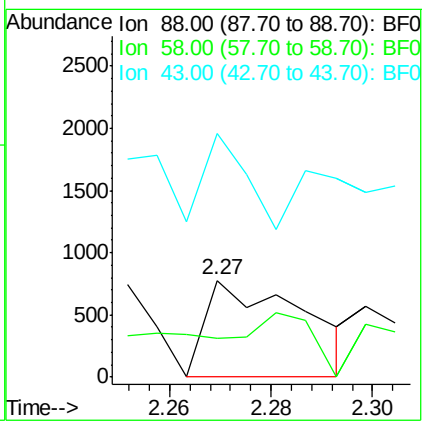


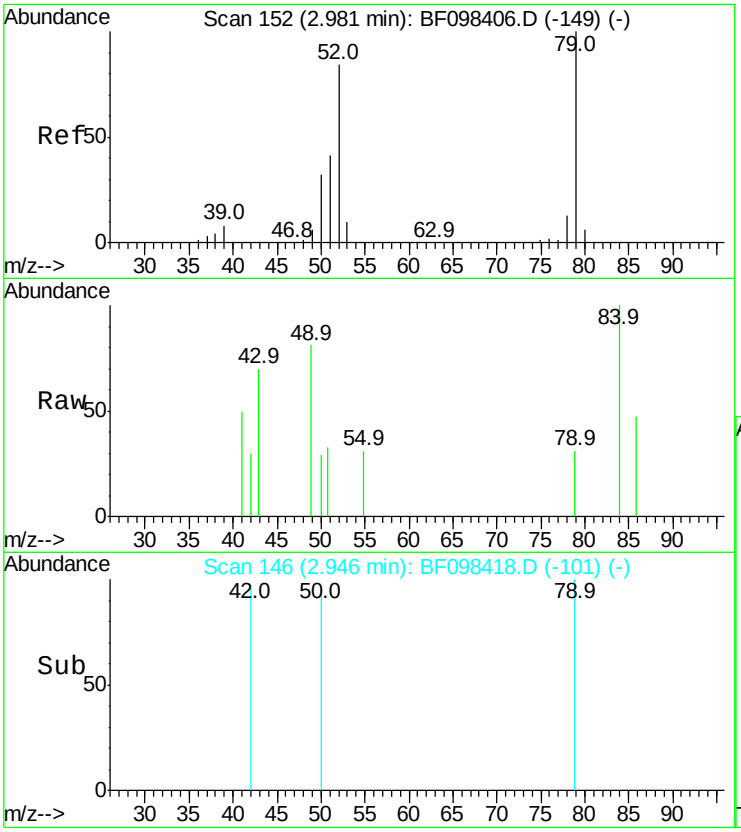


#2
1,4-Dioxane
Concen: 0.126 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.03 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 88 Resp: 1035

Ion	Ratio	Lower	Upper
88	100		
58	44.4	61.4	92.0#
43	57.4	23.4	35.0#



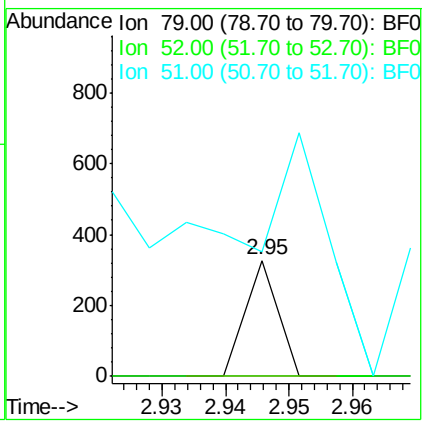


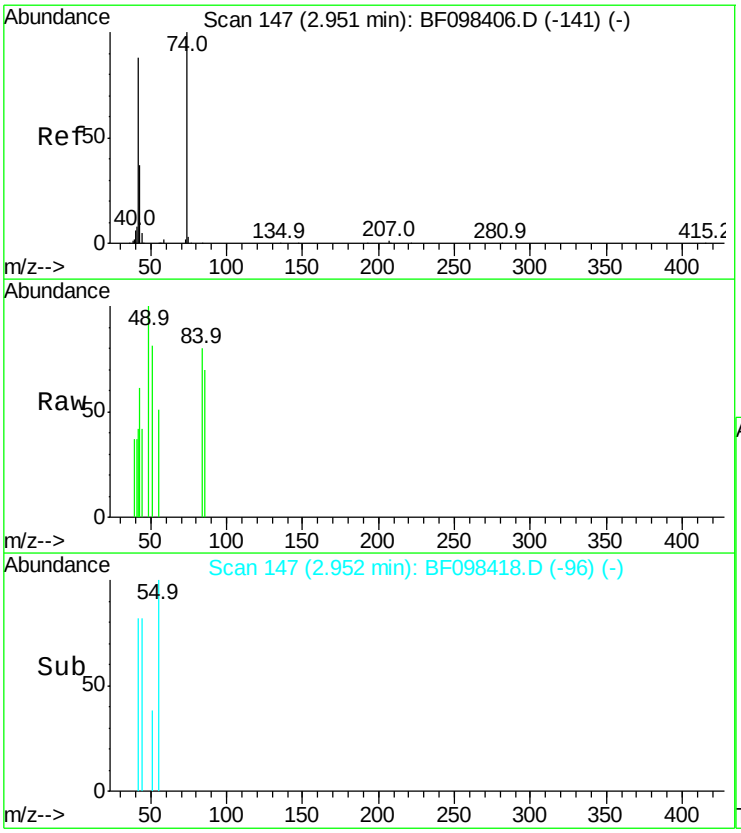
#3
Pyridine
Concen: 0.005 ng
RT: 2.95 min Scan# 146
Delta R.T. -0.04 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 79 Resp: 115

Ion	Ratio	Lower	Upper
79	100		
52	0.0	54.8	82.2#
51	107.7	27.0	40.4#

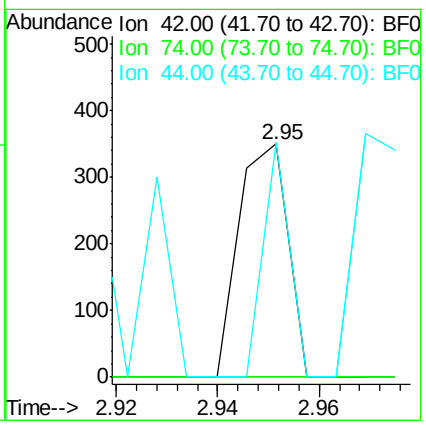


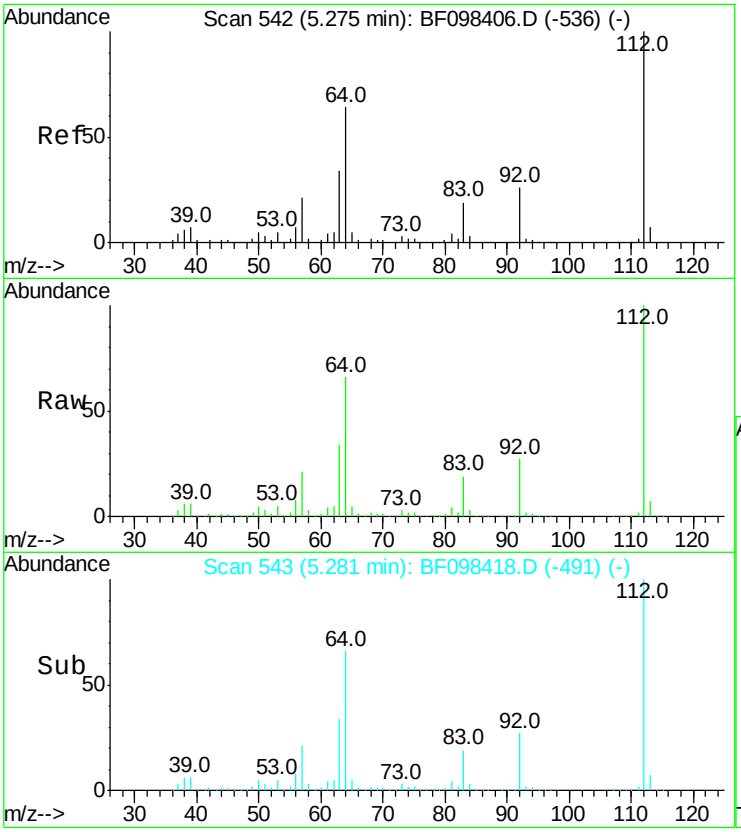


#4
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 42 Resp: 234

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	100.9	5.7	8.5#



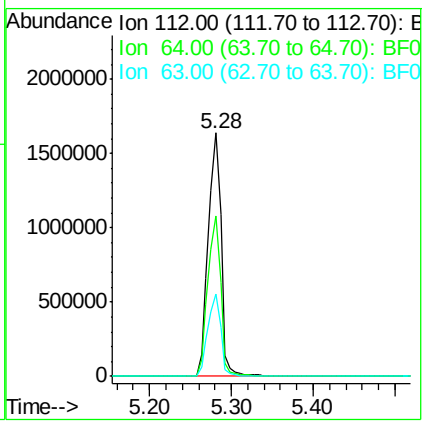


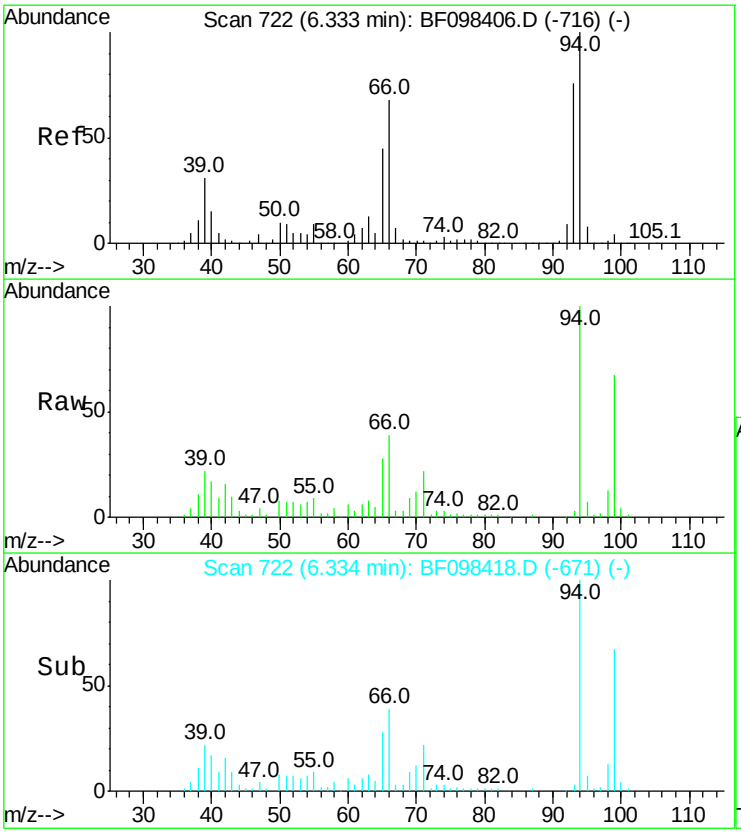
#5
2-Fluorophenol
Concen: 113.702 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:112 Resp: 1807540

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	34.0	23.4	35.0

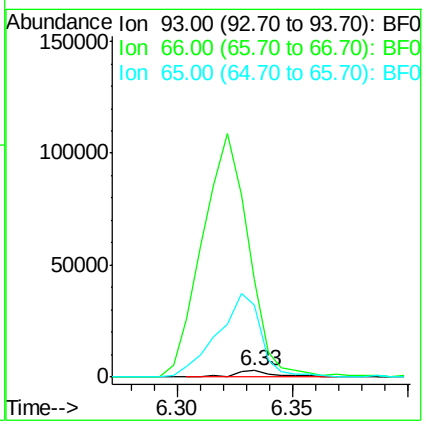


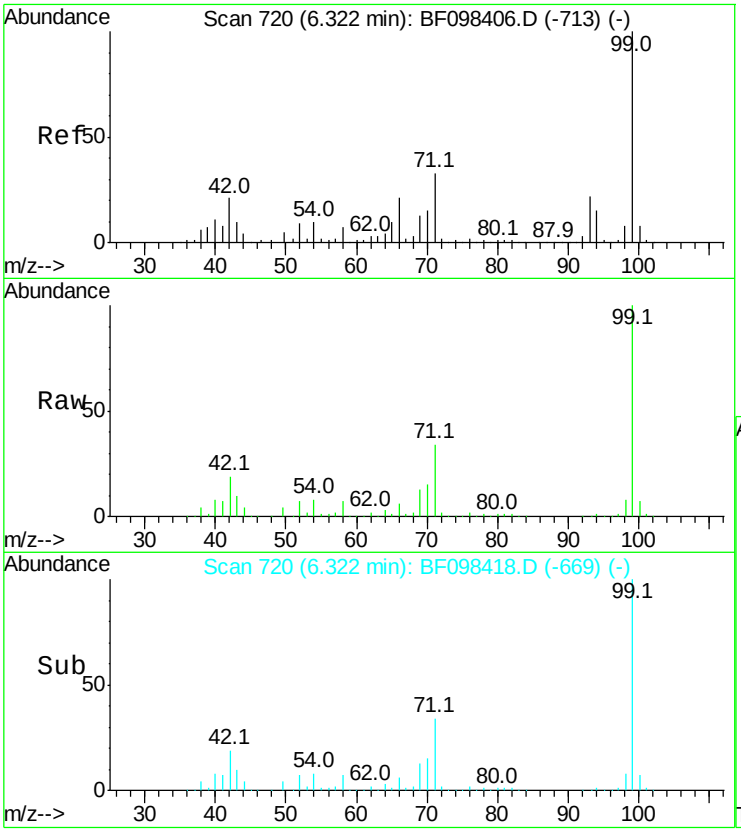


#6
Aniline
Concen: 0.127 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 93 Resp: 3226

Ion	Ratio	Lower	Upper
93	100		
66	1512.4	32.9	49.3#
65	1110.9	16.0	24.0#



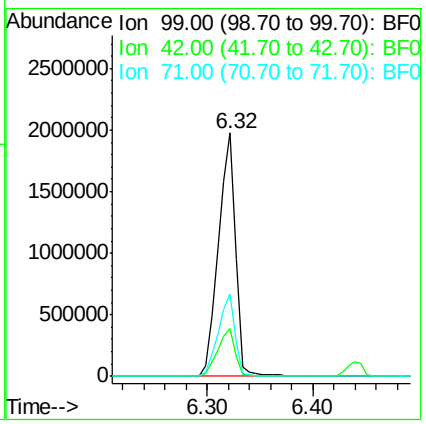


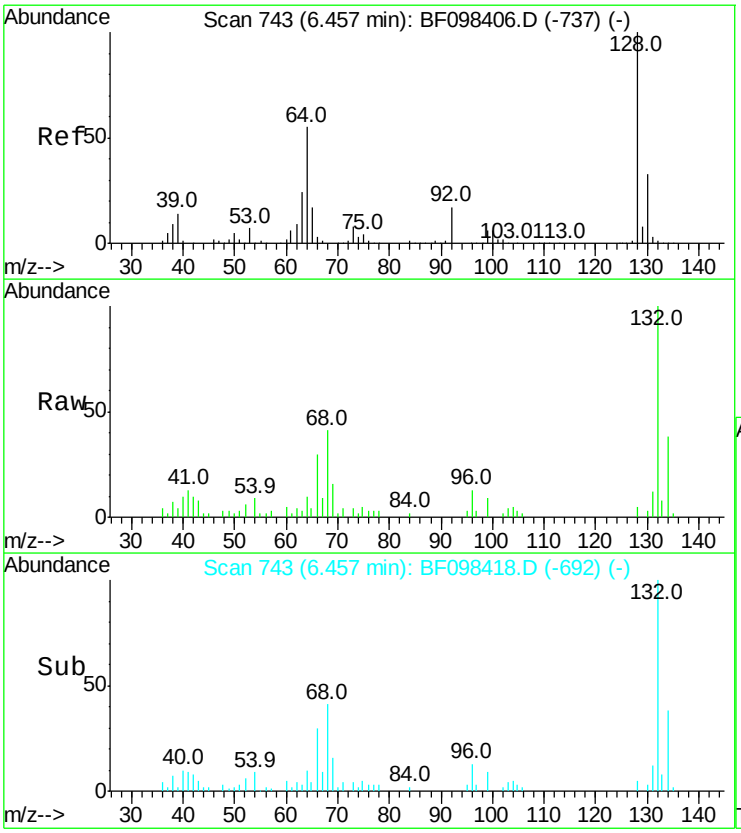
#7
Phenol-d6
Concen: 112.056 ng
RT: 6.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 99 Resp: 2261736

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	33.6	24.5	36.7

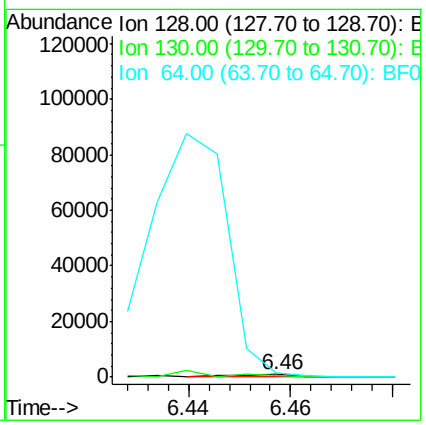


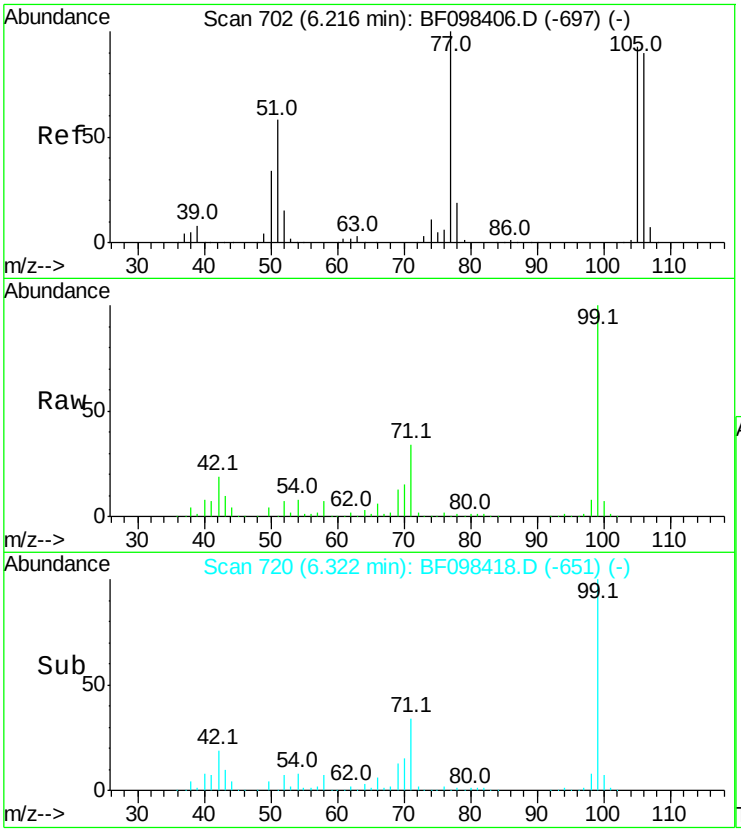


#8
2-Chlorophenol
Concen: 0.039 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:128 Resp: 690

Ion	Ratio	Lower	Upper
128	100		
130	51.4	12.9	52.9
64	192.1	28.4	68.4#



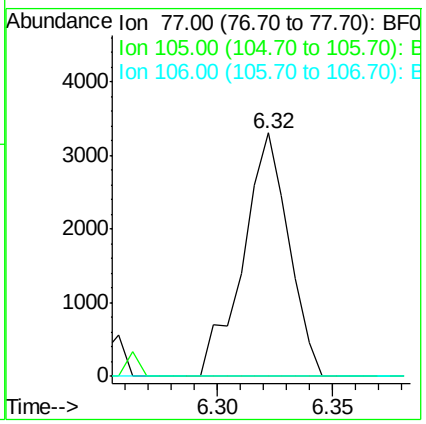


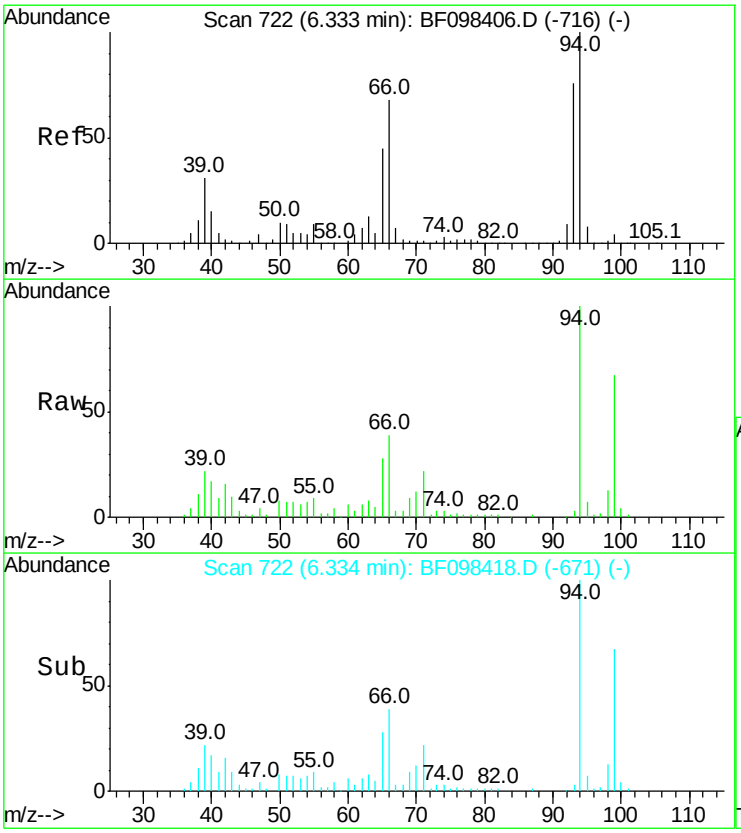
#9
Benzaldehyde
Concen: 0.345 ng
RT: 6.32 min Scan# 720
Delta R.T. 0.11 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 77 Resp: 4551

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.8	123.8#
106	0.0	79.1	119.1#

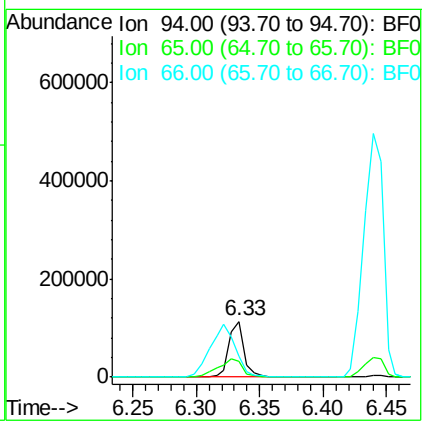


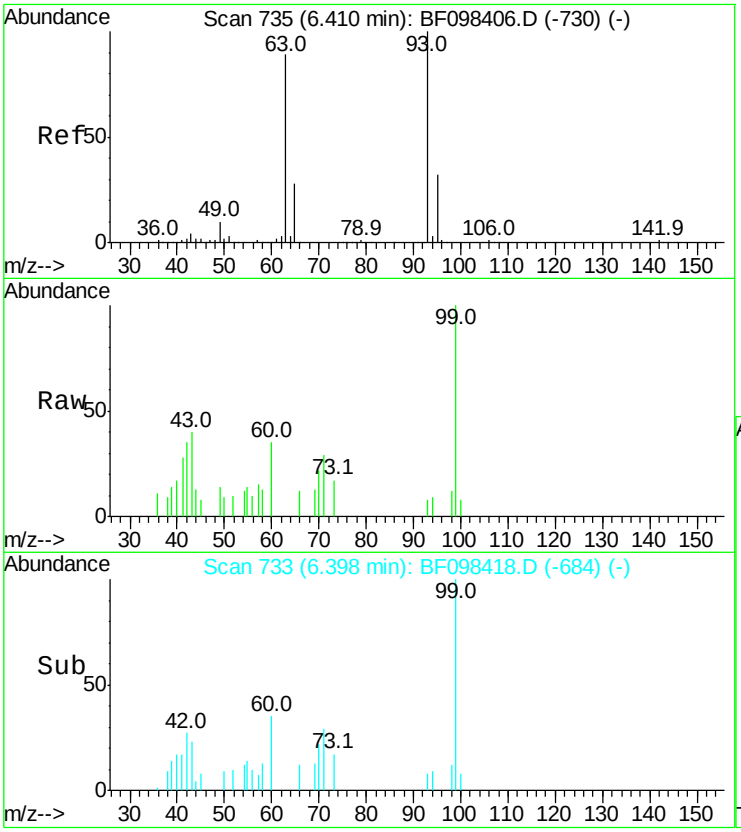


#10
Phenol
Concen: 4.002 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 94 Resp: 93825

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	38.5	23.1	63.1



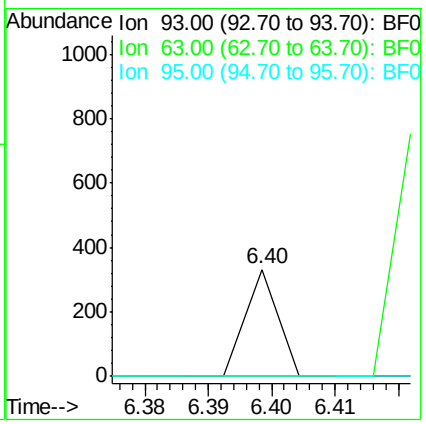


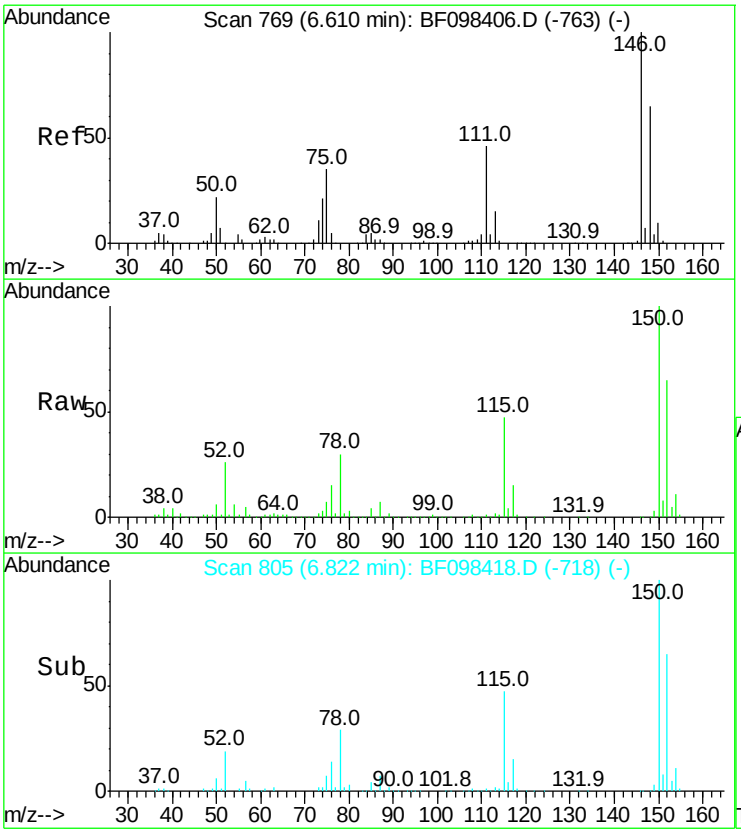
#11
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 93 Resp: 117

Ion	Ratio	Lower	Upper
93	100		
63	0.0	59.2	99.2#
95	0.0	12.8	52.8#

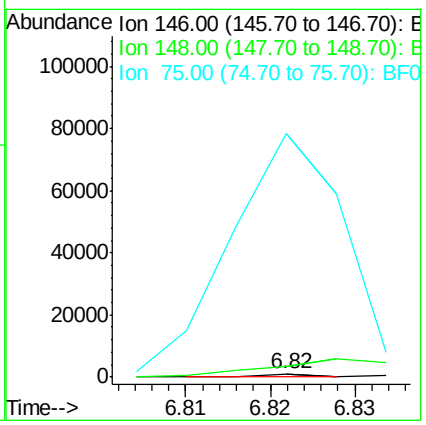


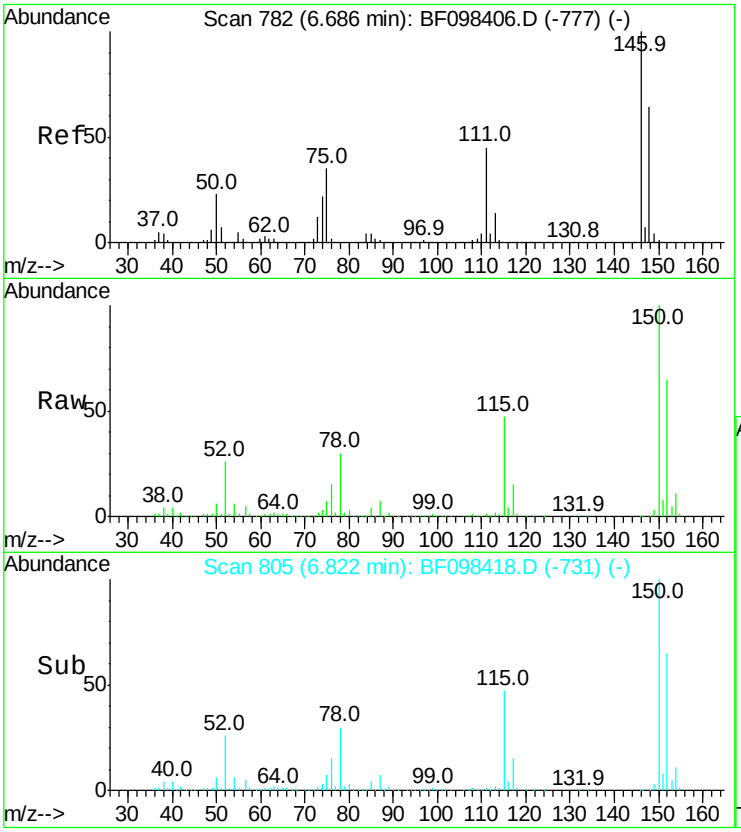


#12
1,3-Dichlorobenzene
Concen: 0.019 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.21 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:146 Resp: 339

Ion	Ratio	Lower	Upper
146	100		
148	372.8	51.8	77.6#
75	8160.8	23.1	34.7#



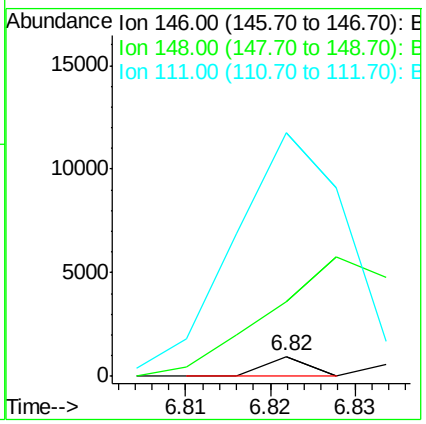


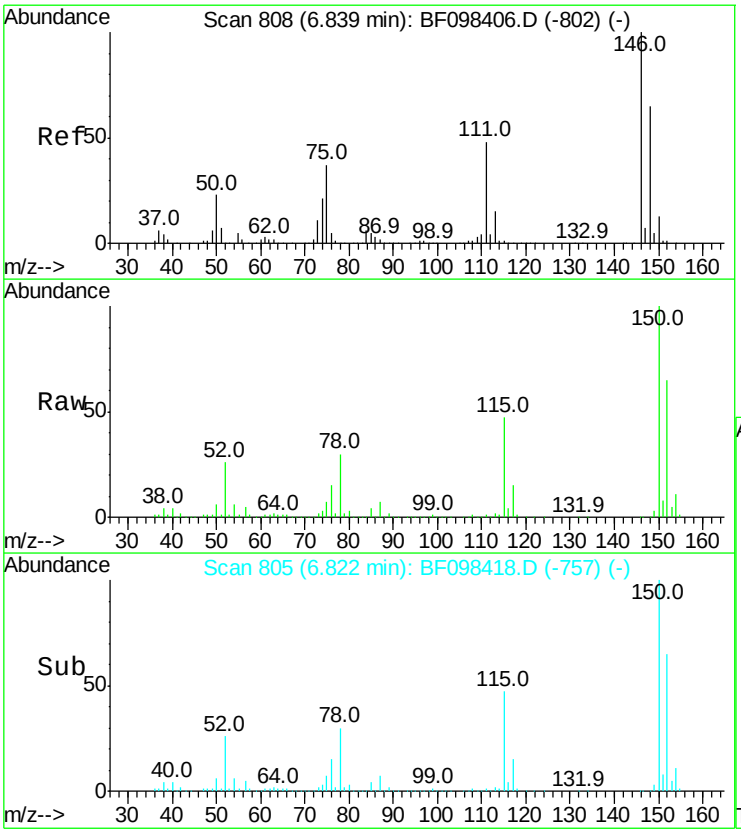
#13
1,4-Dichlorobenzene
Concen: 0.019 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.14 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:146 Resp: 339

Ion	Ratio	Lower	Upper
146	100		
148	372.8	52.2	78.2#
111	1224.1	30.3	45.5#

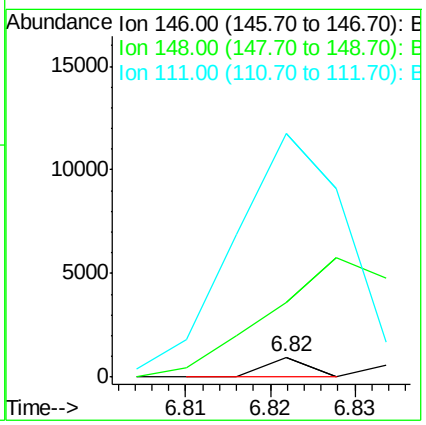


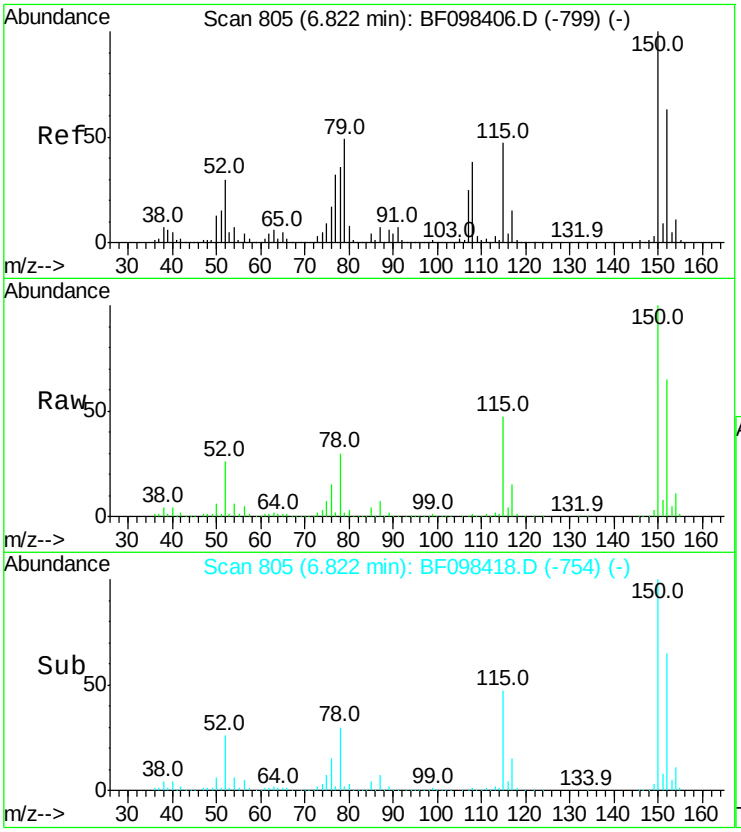


#14
1,2-Dichlorobenzene
Concen: 0.021 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:146 Resp: 339

Ion	Ratio	Lower	Upper
146	100		
148	372.8	50.4	75.6#
111	1224.1	38.2	57.4#



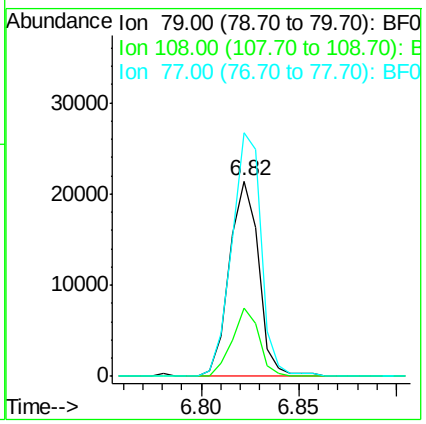


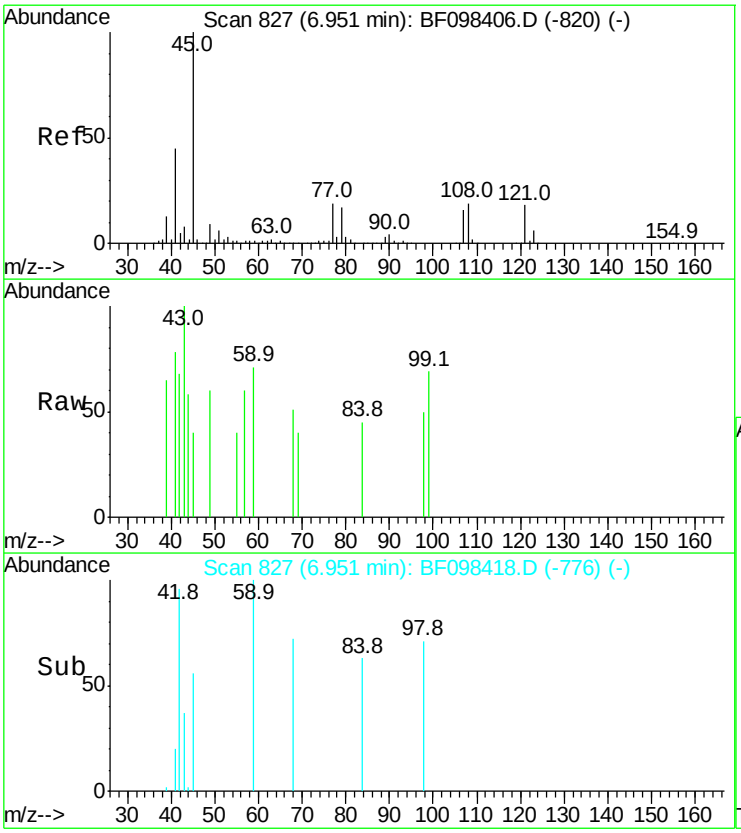
#15
Benzyl Alcohol
Concen: 1.667 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 79 Resp: 22389

Ion	Ratio	Lower	Upper
79	100		
108	35.1	63.4	95.0#
77	124.6	49.2	73.8#

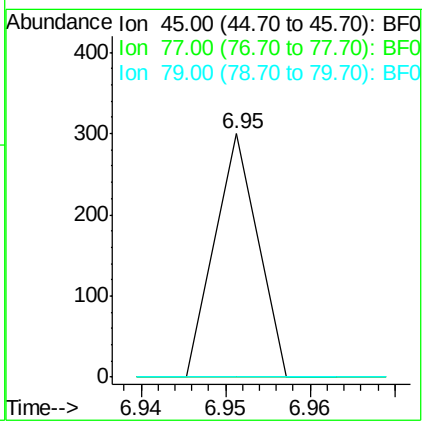


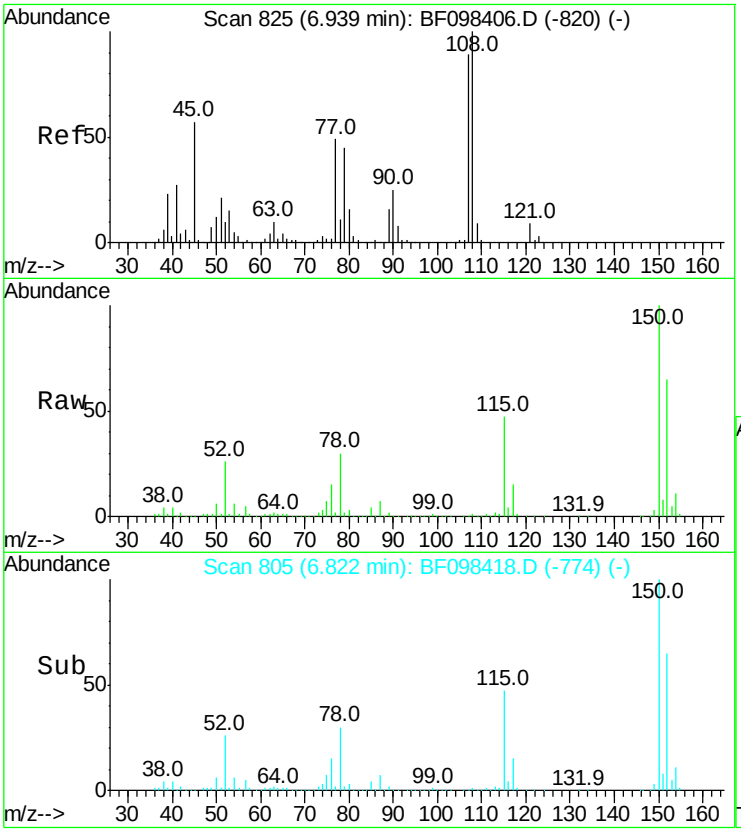


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 45 Resp: 106

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.2
79	0.0	0.0	30.0



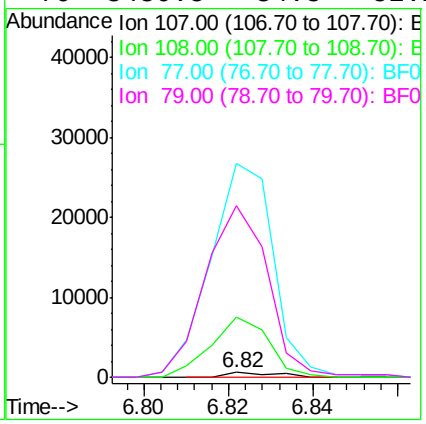


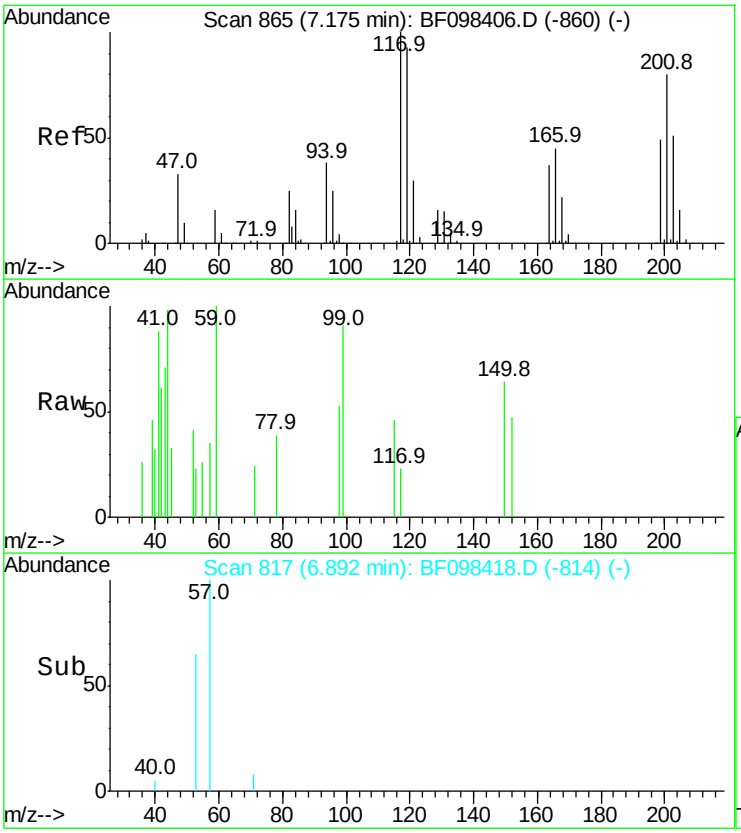
#17
2-Methylphenol
Concen: 0.037 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.12 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:107 Resp: 524

Ion	Ratio	Lower	Upper
107	100		
108	1221.1	93.4	140.0#
77	4336.4	35.8	53.6#
79	3480.5	34.8	52.2#

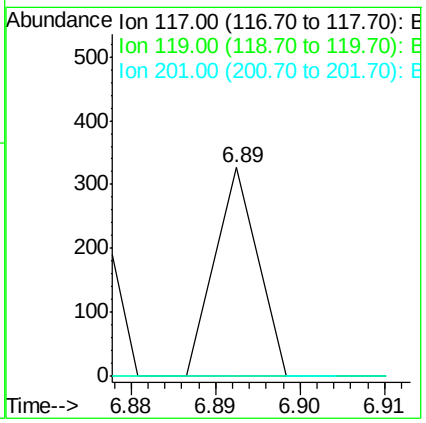


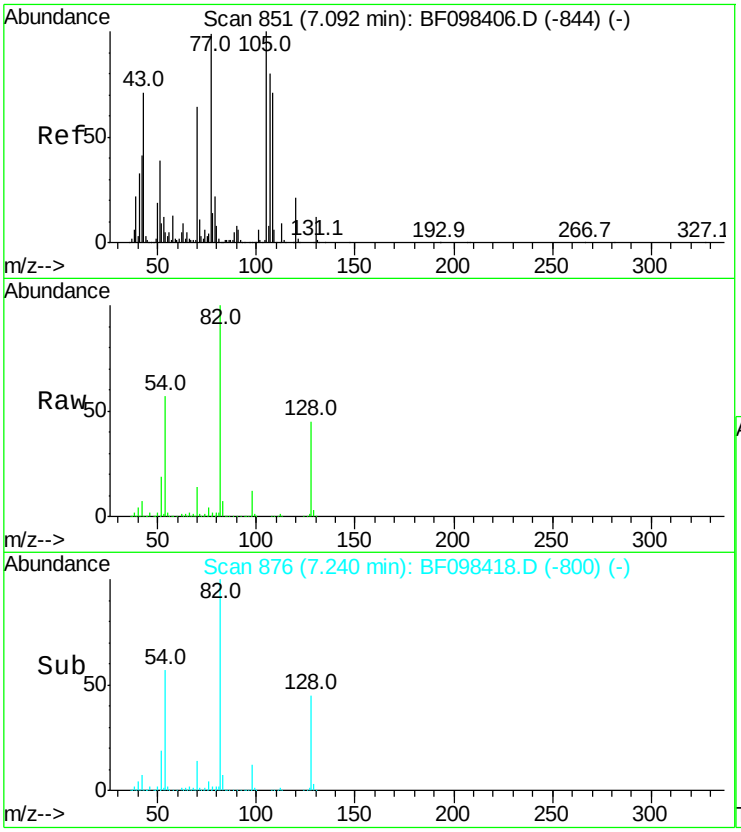


#18
Hexachloroethane
Concen: 0.017 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.28 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:117 Resp: 115

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
201	0.0	94.6	141.8#



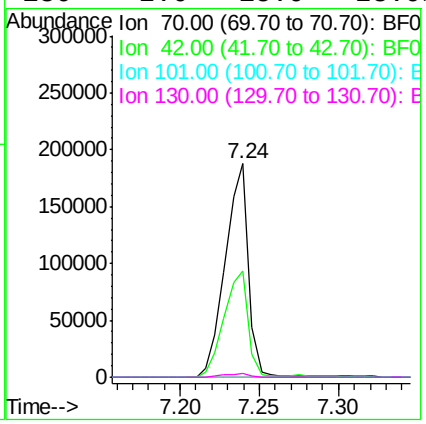


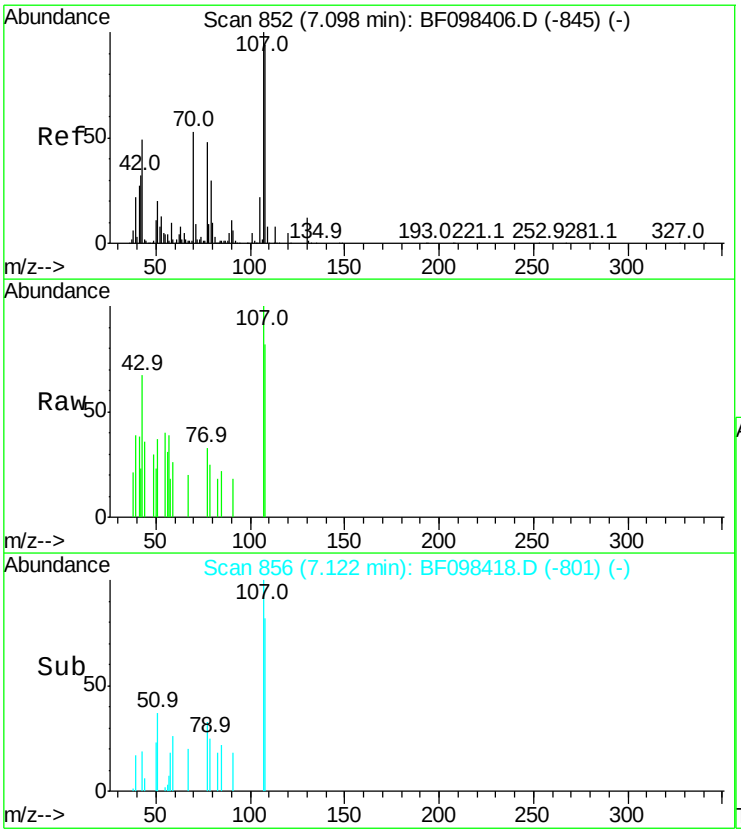
#19
n-Nitroso-di-n-propylamine
Concen: 15.033 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.15 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 70 Resp: 190860

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

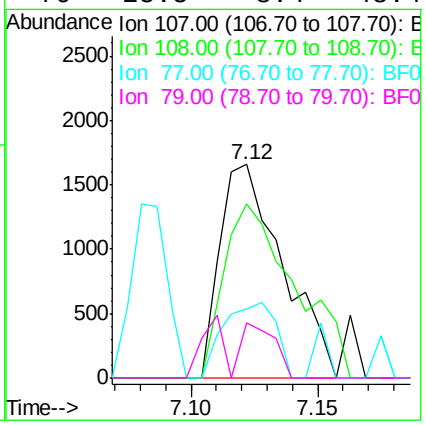


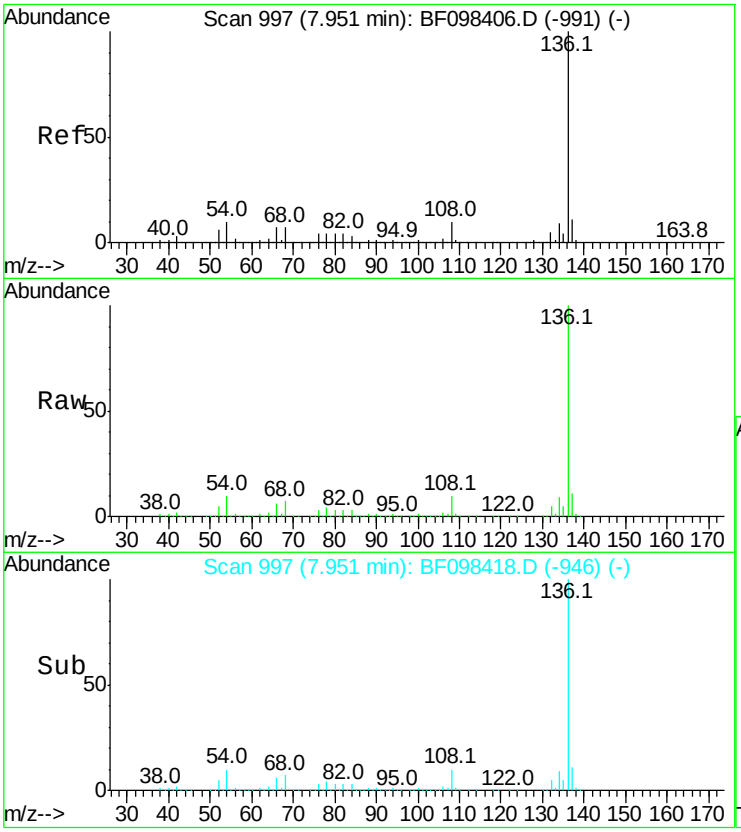


#20
3+4-Methylphenols
Concen: 0.159 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.02 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:107 Resp: 2854

Ion	Ratio	Lower	Upper
107	100		
108	81.6	71.0	111.0
77	32.6	90.5	130.5#
79	25.5	8.4	48.4



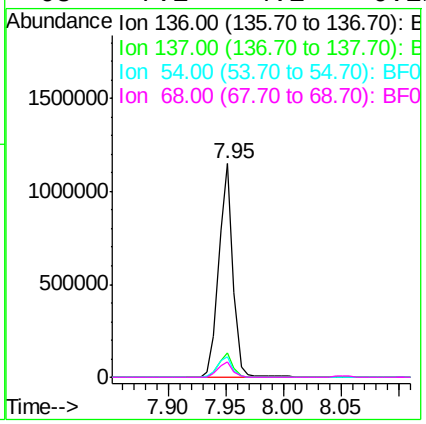


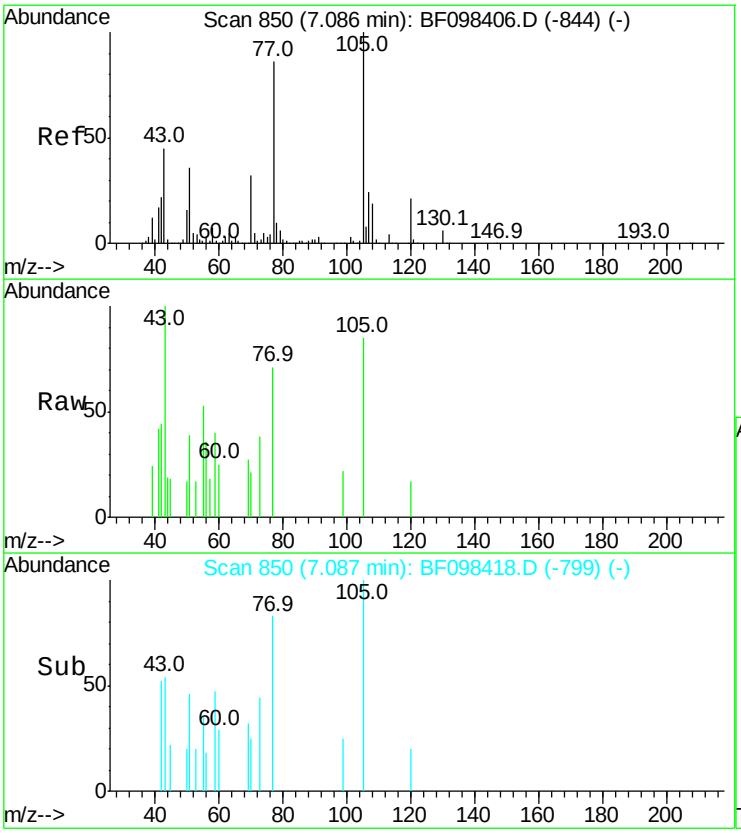
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:136 Resp: 979276

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.9	4.9	7.3#
68	7.1	4.1	6.1#

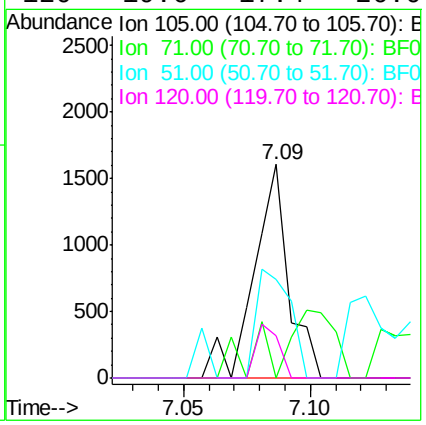


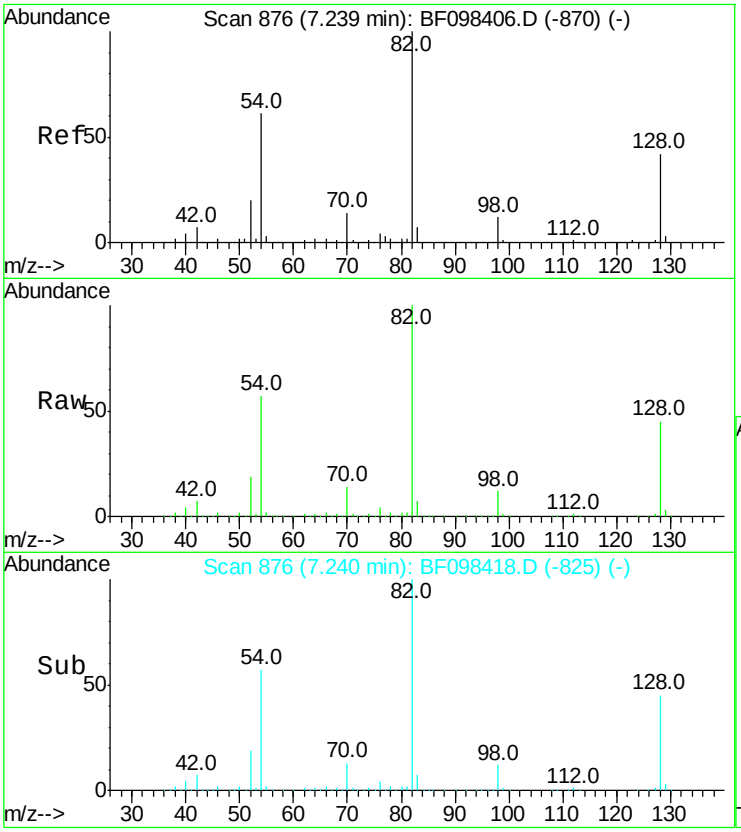


#22
Acetophenone
Concen: 0.060 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:105 Resp: 1524

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	46.2	30.7	46.1#
120	19.6	17.4	26.0



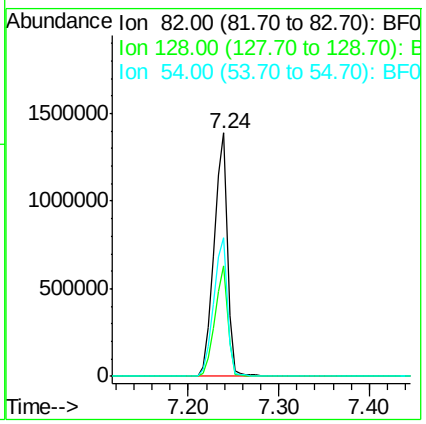


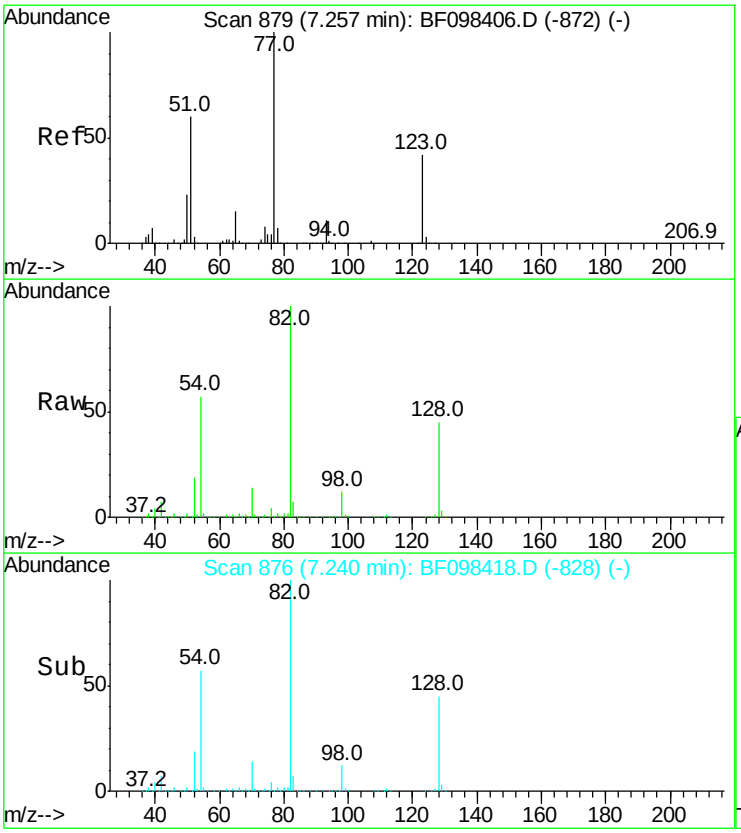
#23
Nitrobenzene-d5
Concen: 80.619 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 82 Resp: 1416131

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	57.0	42.2	63.2

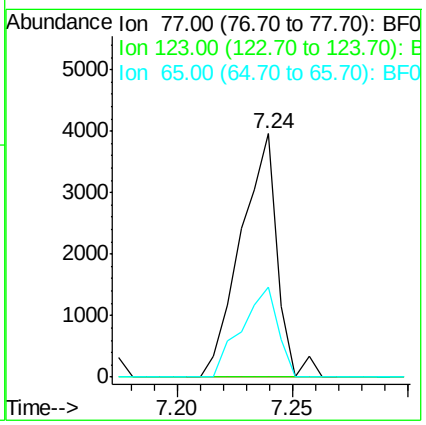


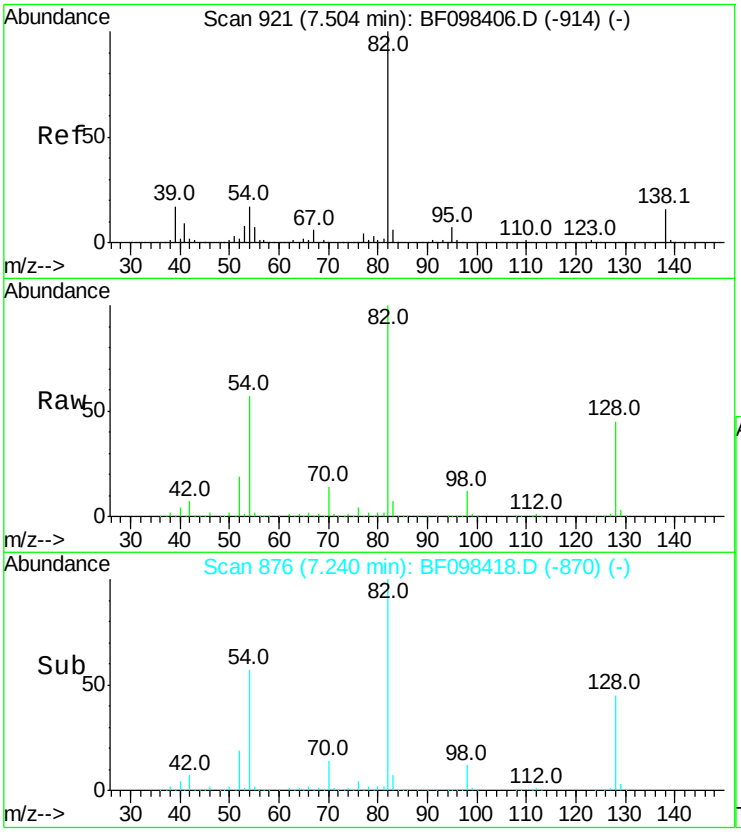


#24
Nitrobenzene
Concen: 0.220 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion: 77 Resp: 4395

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	36.7	10.6	15.8#



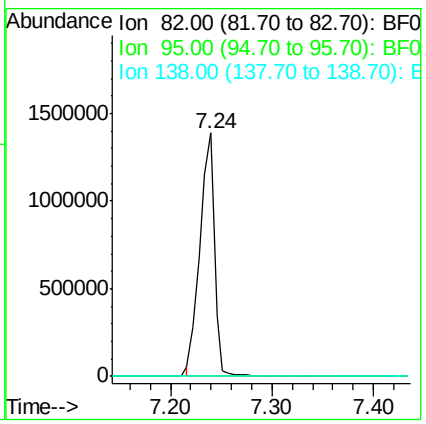


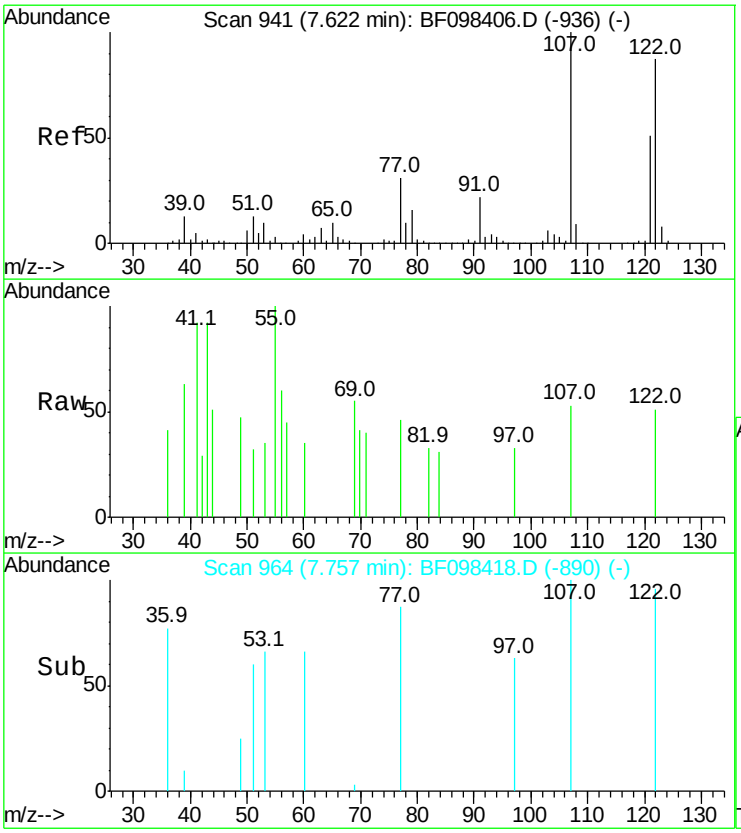
#25
Isophorone
Concen: 38.986 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 82 Resp: 1385559

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

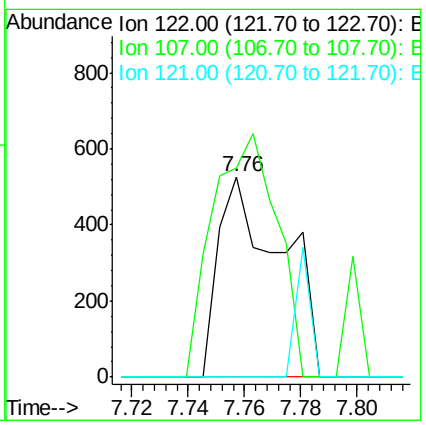


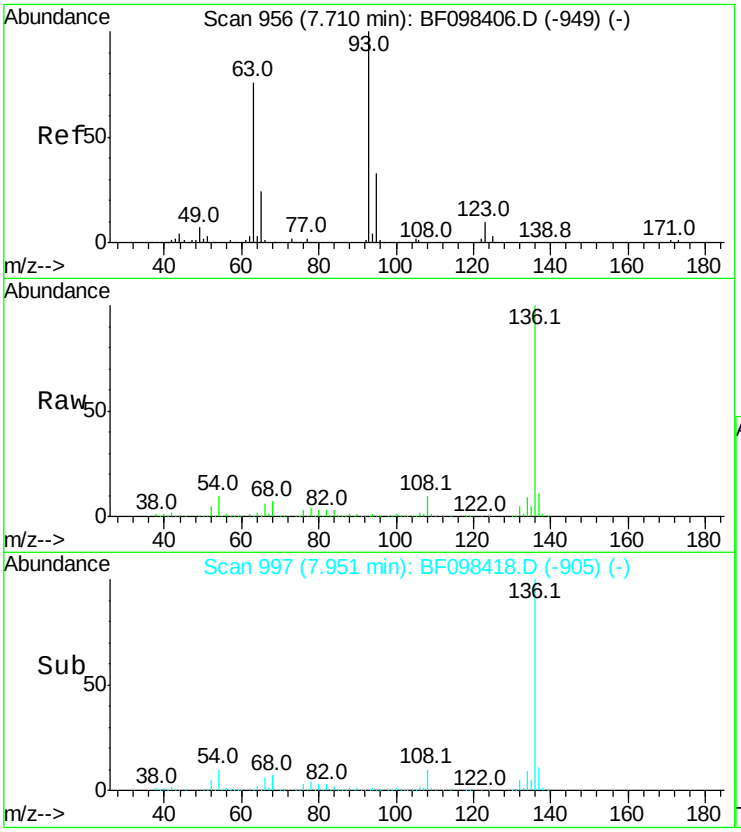


#27
2,4-Dimethylphenol
Concen: 0.053 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.14 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:122 Resp: 813

Ion	Ratio	Lower	Upper
122	100		
107	104.0	89.2	133.8
121	0.0	45.2	67.8#



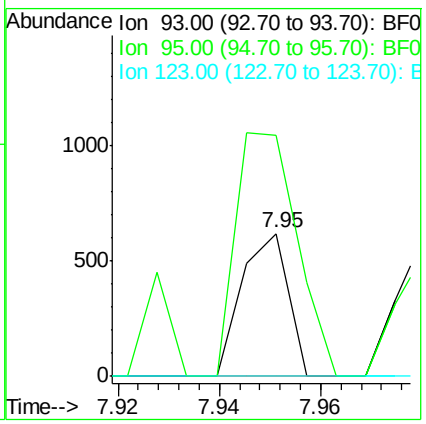


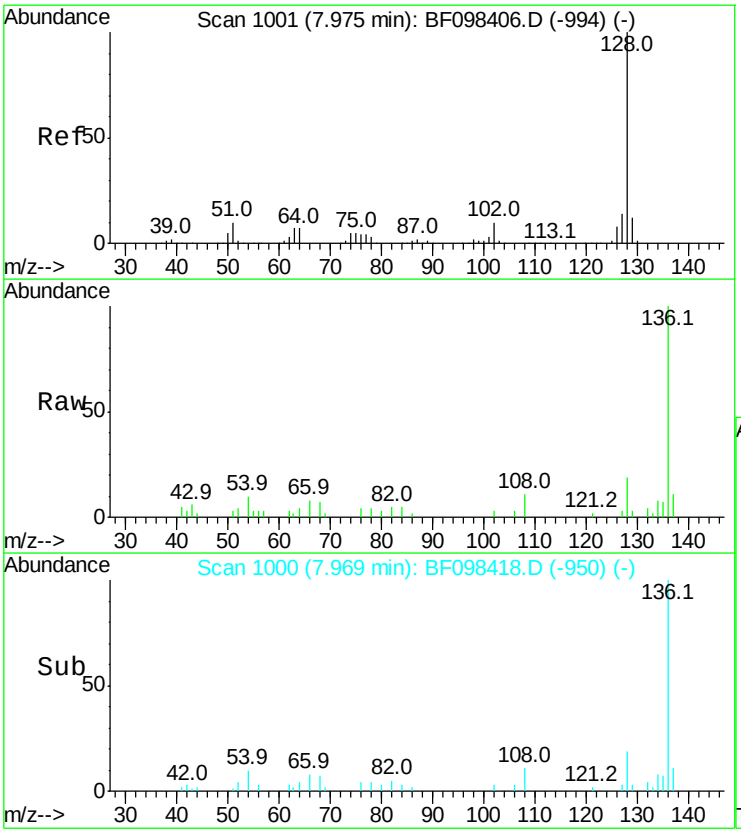
#28
bis(2-Chloroethoxy)methane
Concen: 0.018 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.24 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 93 Resp: 391

Ion	Ratio	Lower	Upper
93	100		
95	168.4	26.5	39.7#
123	0.0	9.0	13.4#

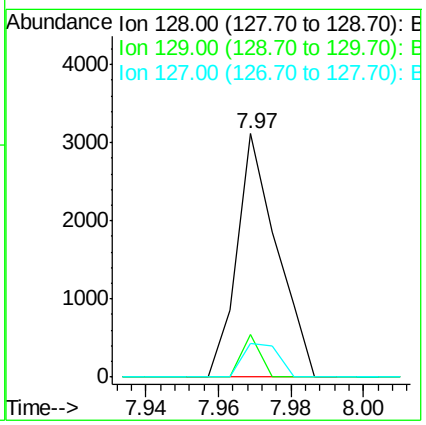


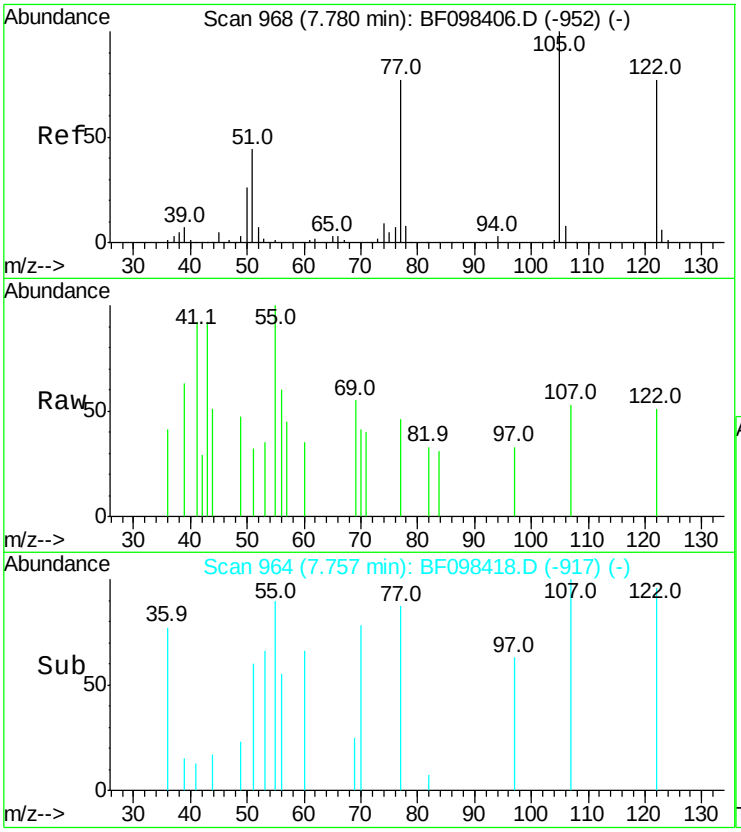


#31
Naphthalene
Concen: 0.049 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:128 Resp: 2378

Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.0	13.6#
127	14.0	10.8	16.2



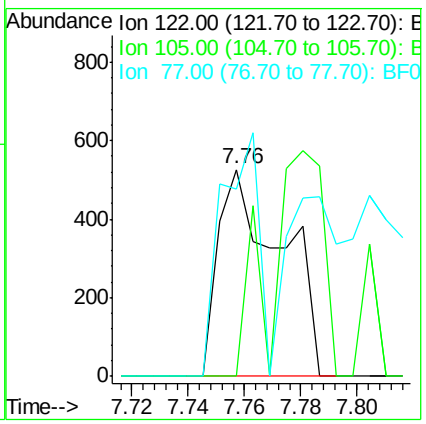


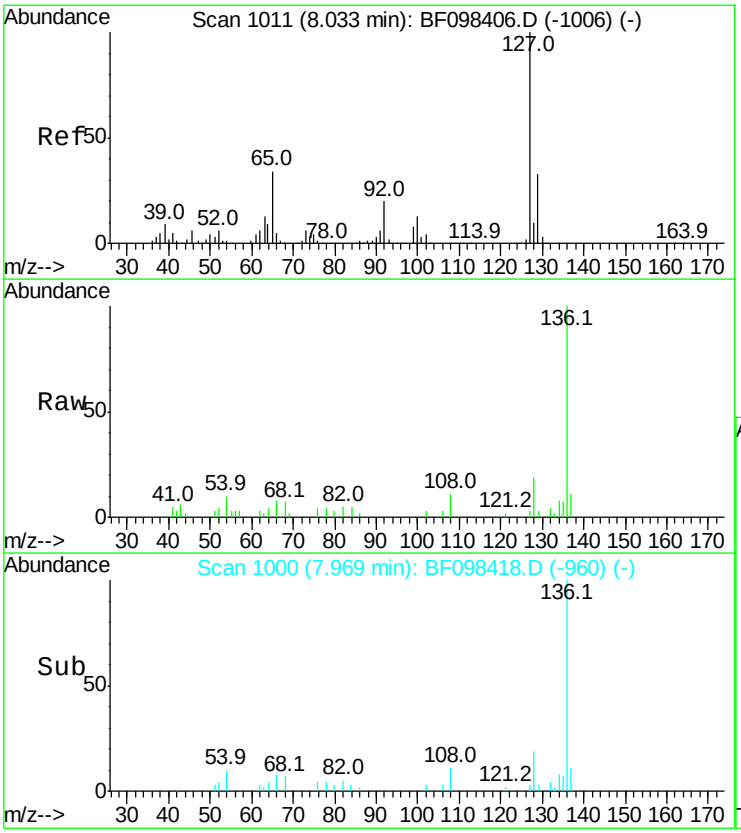
#32
Benzoic acid
Concen: 8.035 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:122 Resp: 813

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	90.5	73.7	113.7

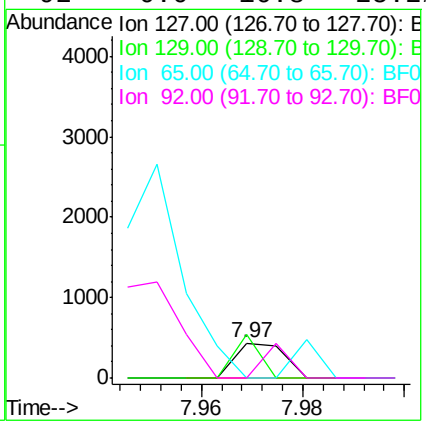


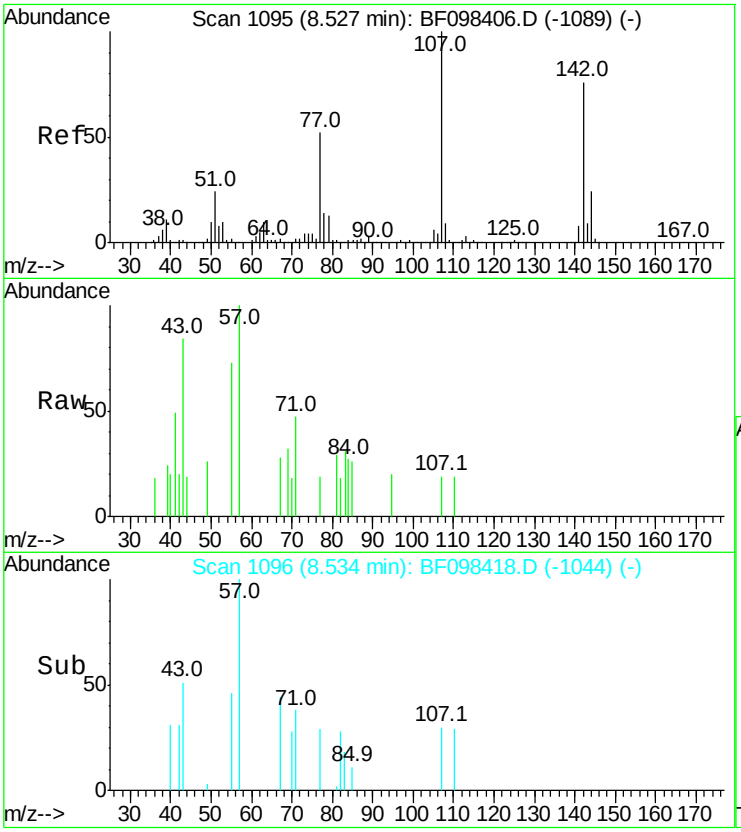


#33
4-Chloroaniline
Concen: 0.015 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.06 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:127 Resp: 292

Ion	Ratio	Lower	Upper
127	100		
129	126.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



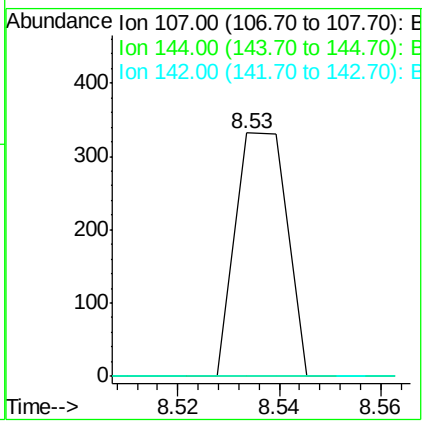


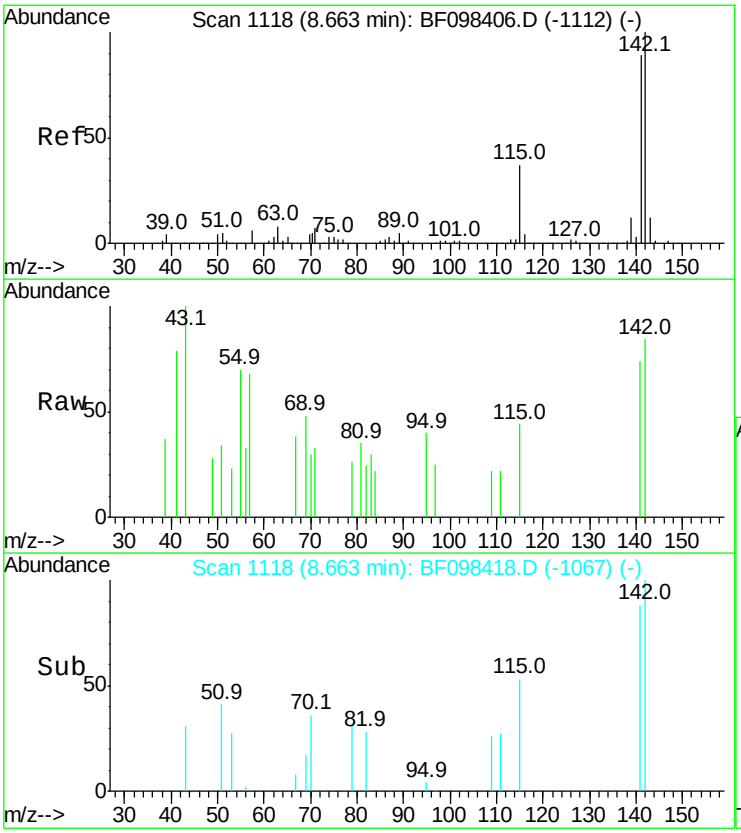
#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:107 Resp: 234

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

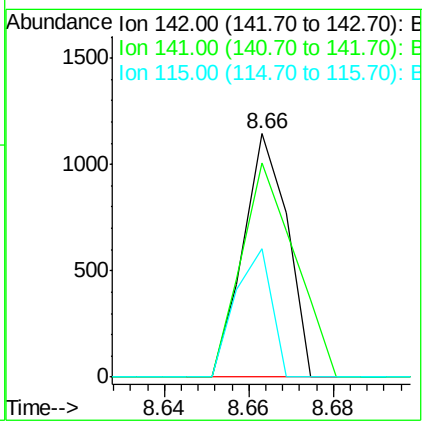


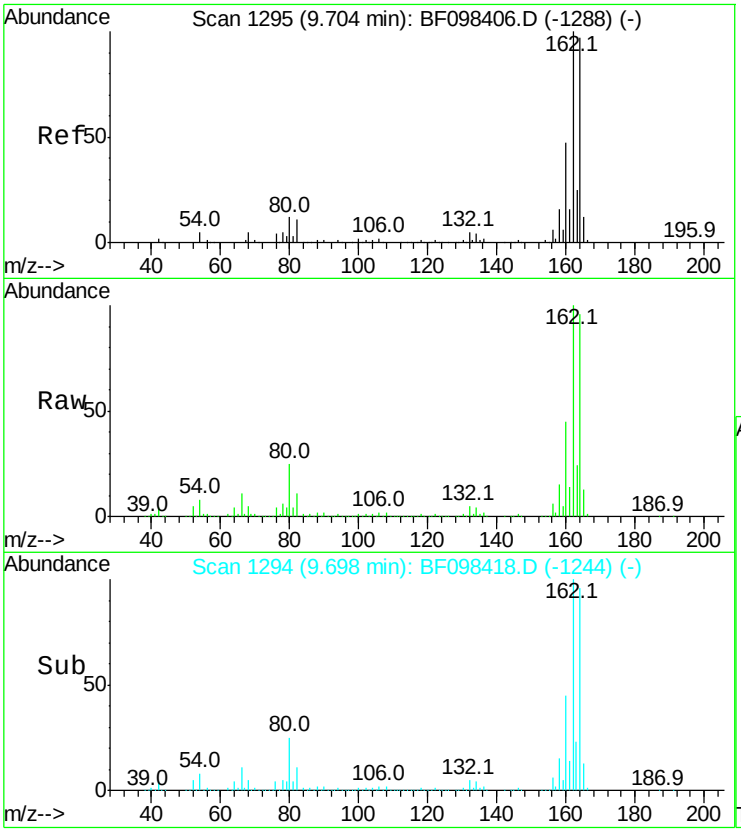


#37
2-Methylnaphthalene
Concen: 0.028 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:142 Resp: 830

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	52.6	27.1	40.7#



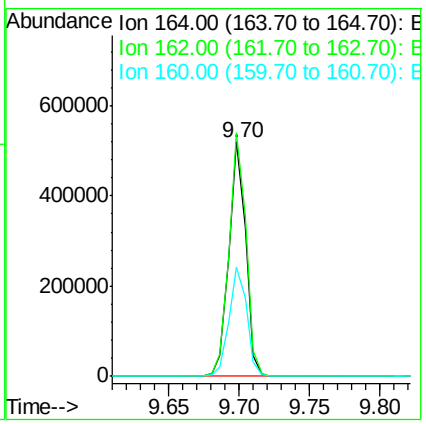


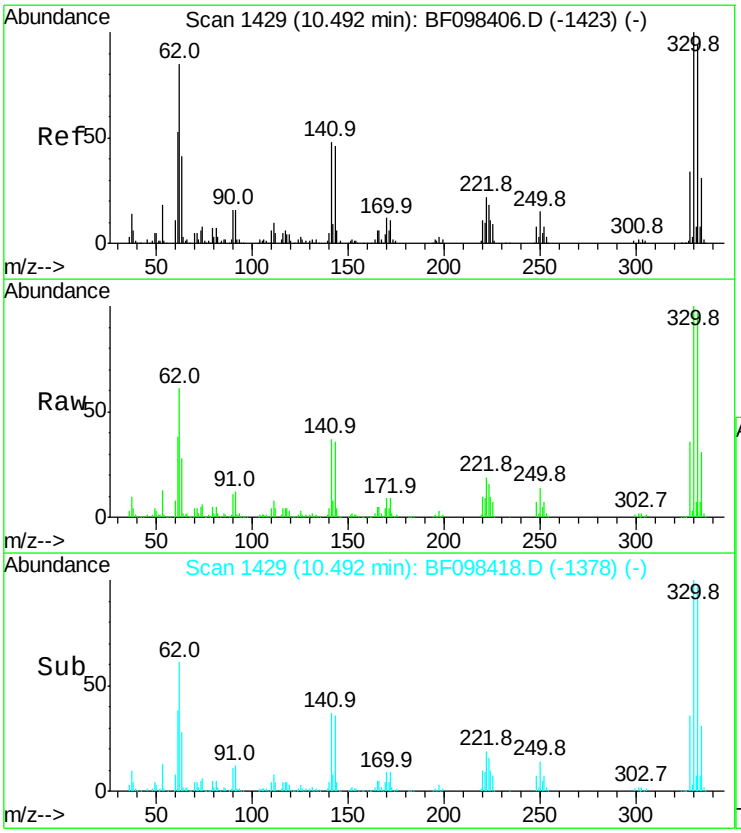
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:164 Resp: 430557

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.8	36.2	54.2

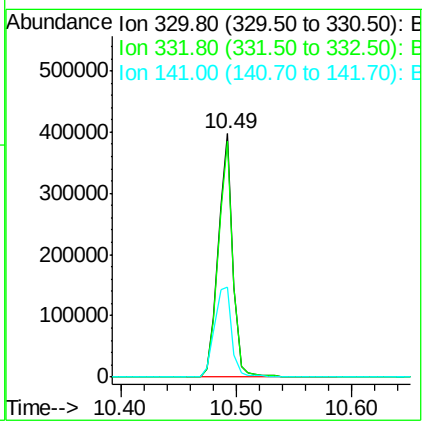


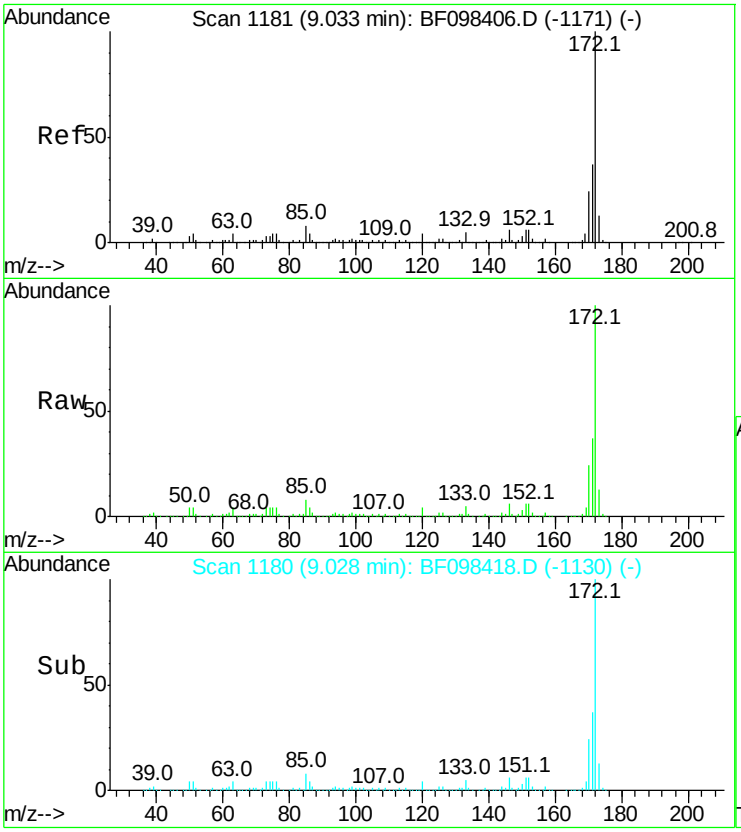


#41
2,4,6-Tribromophenol
Concen: 120.537 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:330 Resp: 346376

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	44.1	31.4	47.2



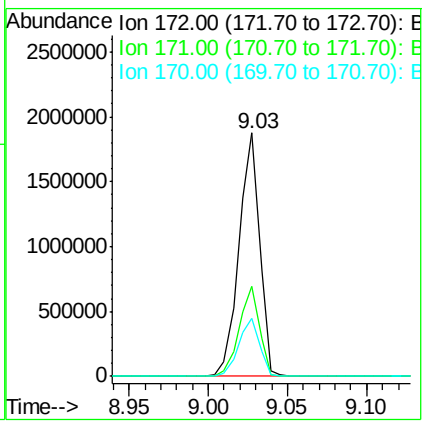


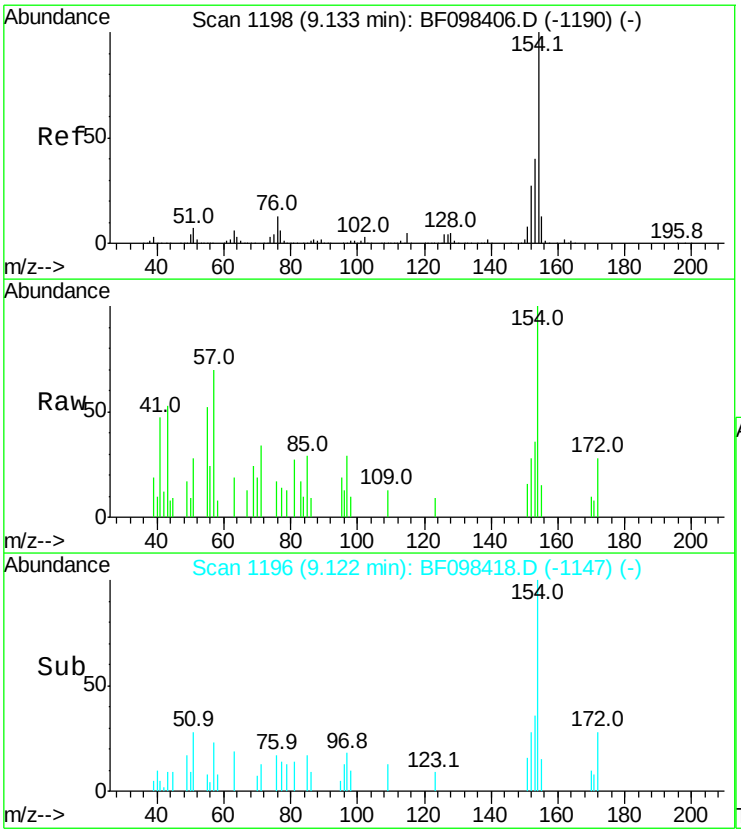
#44
2-Fluorobiphenyl
Concen: 66.550 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:172 Resp: 1690554

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.1	19.8	29.8

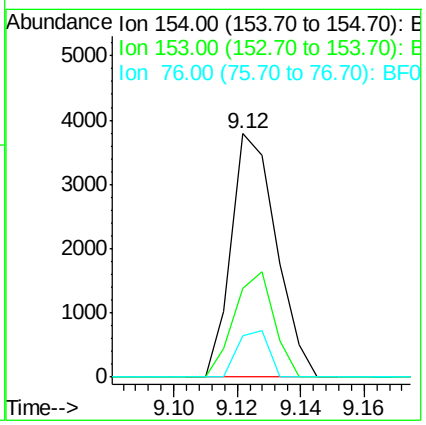


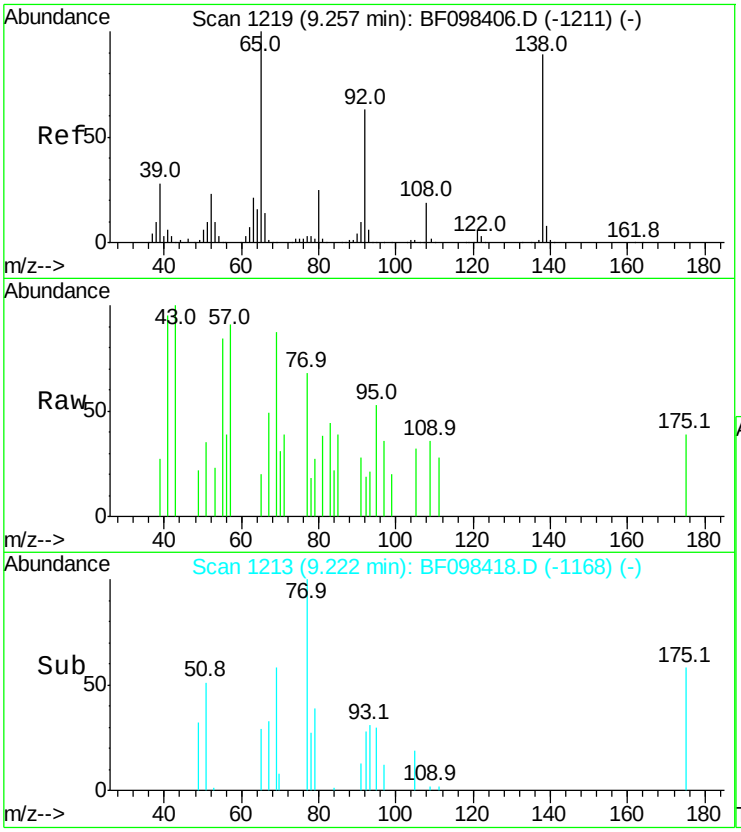


#45
1,1'-Biphenyl
Concen: 0.096 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:154 Resp: 3716

Ion	Ratio	Lower	Upper
154	100		
153	36.3	21.2	61.2
76	17.1	0.0	29.9



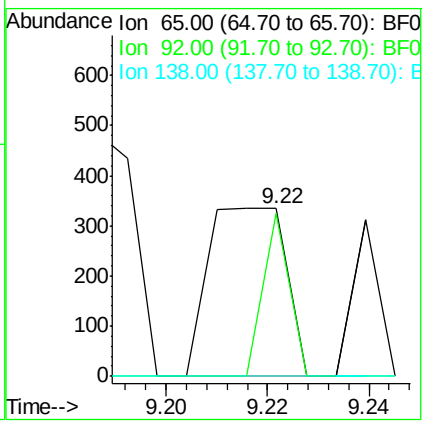


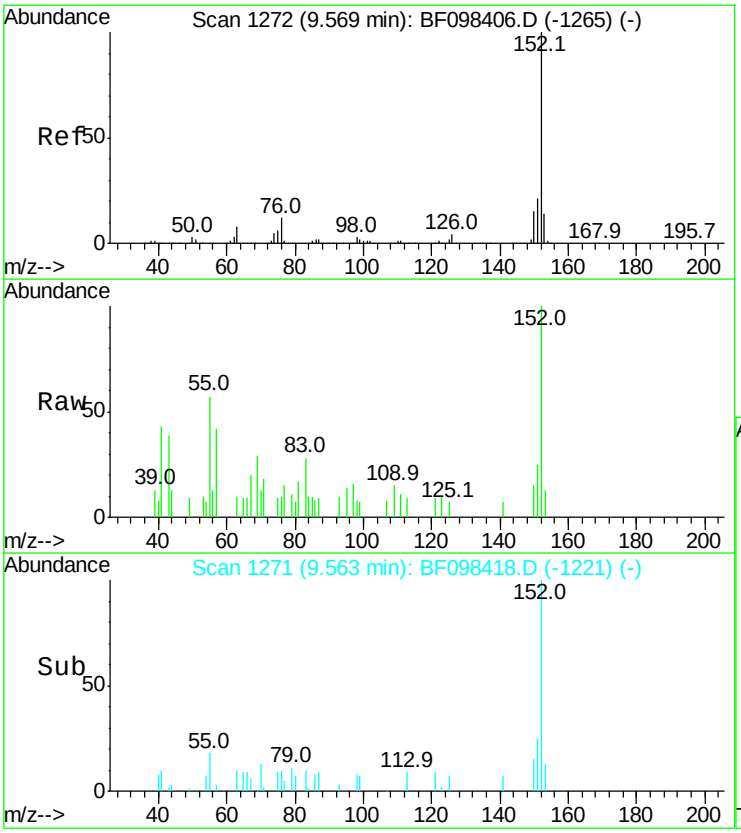
#47
2-Nitroaniline
Concen: 0.033 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.04 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion: 65 Resp: 353

Ion	Ratio	Lower	Upper
65	100		
92	97.3	53.9	80.9#
138	0.0	78.8	118.2#

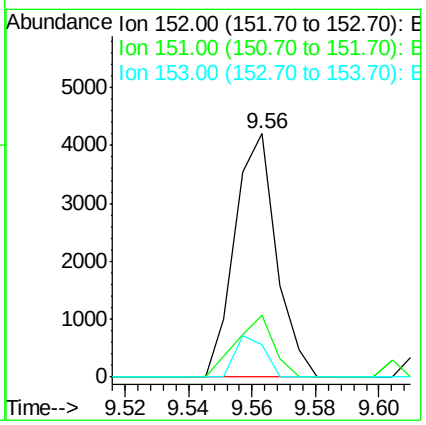


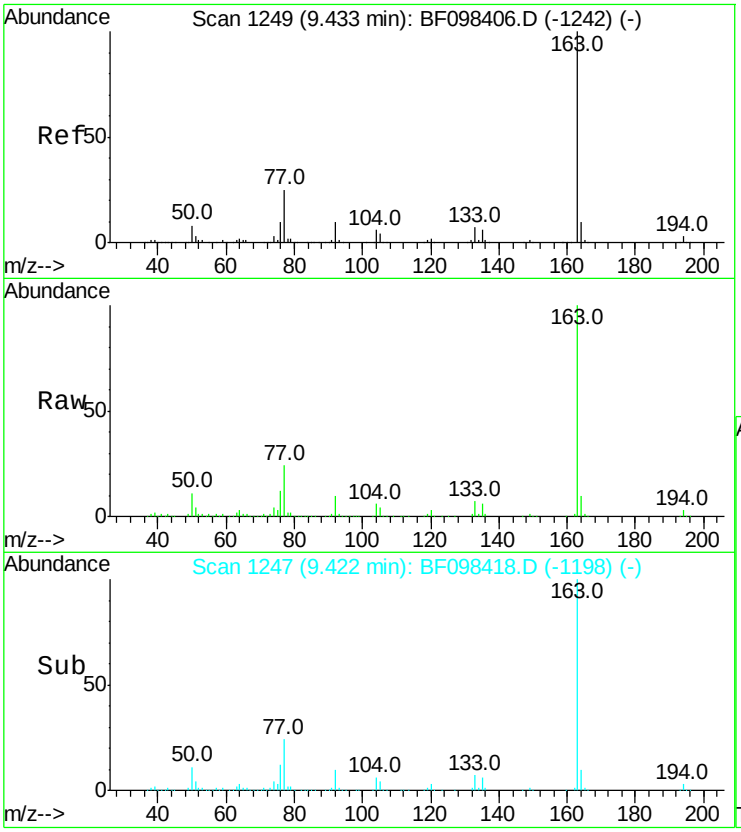


#48
Acenaphthylene
Concen: 0.093 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:152 Resp: 3812

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.8	25.2#
153	13.5	10.8	16.2



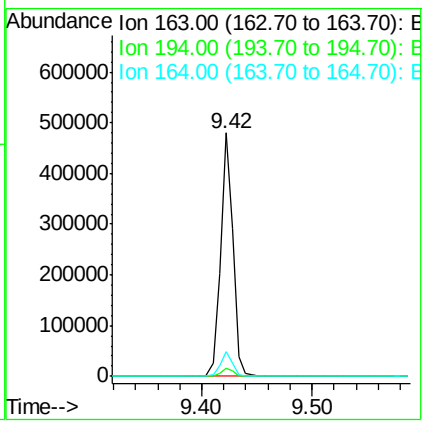


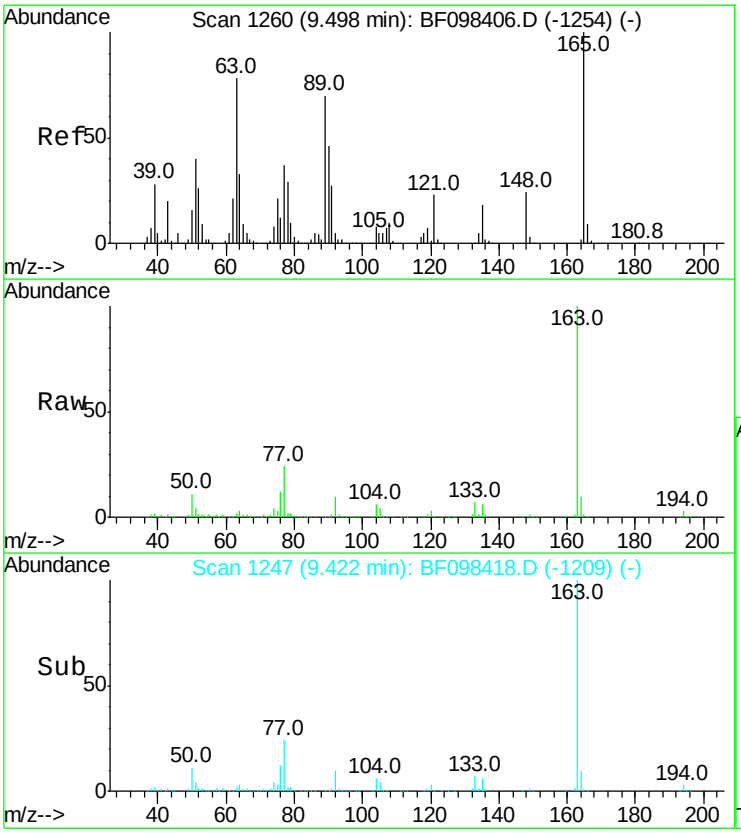
#49
Dimethylphthalate
Concen: 11.219 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:163 Resp: 373899

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6

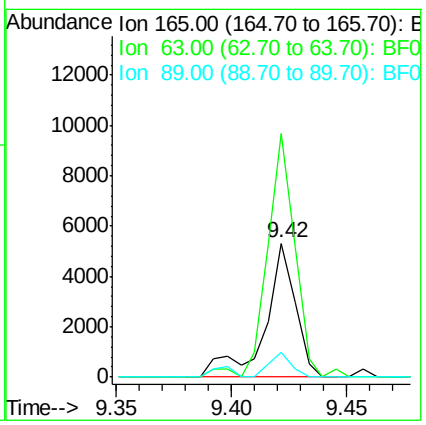


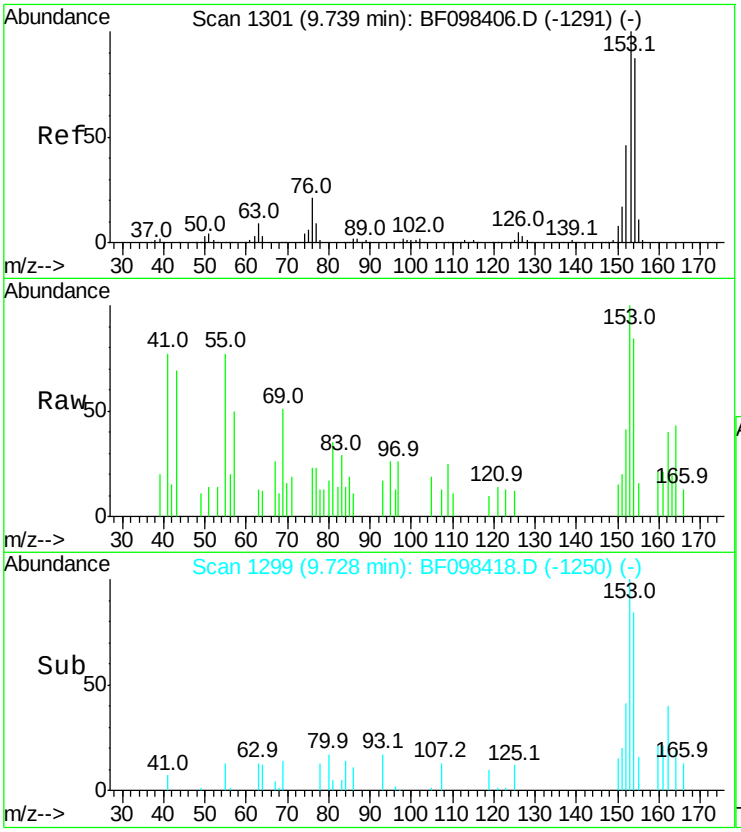


#50
2,6-Dinitrotoluene
Concen: 0.712 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.08 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:165 Resp: 4873

Ion	Ratio	Lower	Upper
165	100		
63	182.2	34.3	51.5#
89	18.8	37.1	55.7#



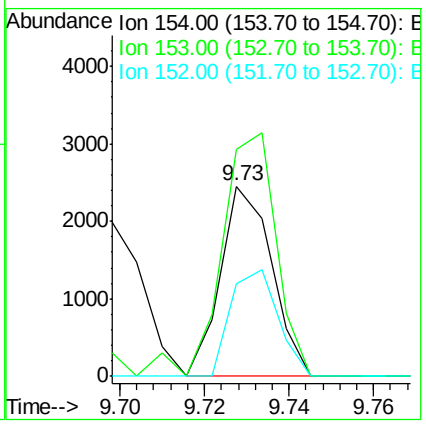


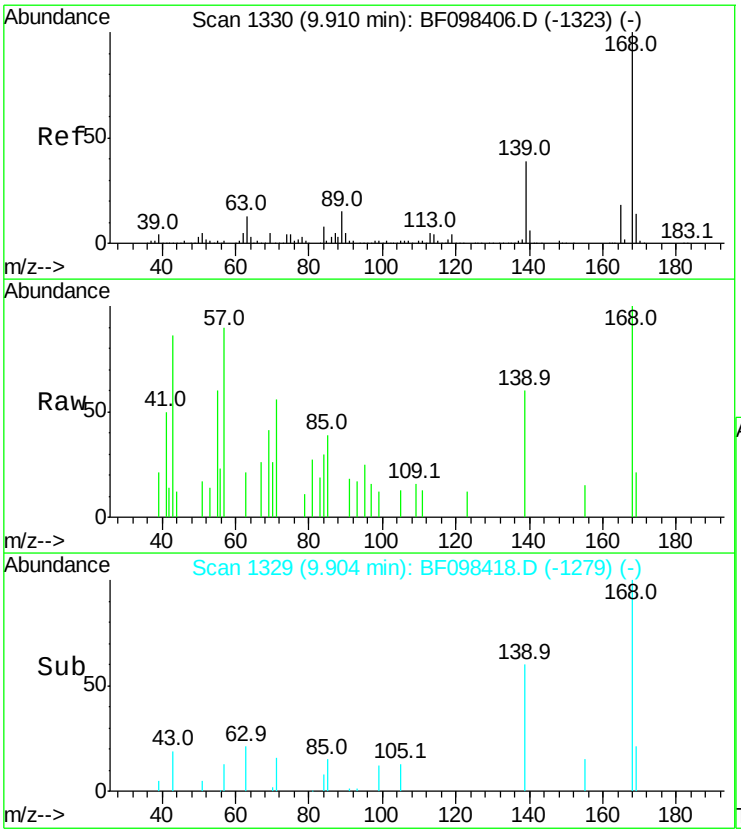
#51
Acenaphthene
Concen: 0.079 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:154 Resp: 2057

Ion	Ratio	Lower	Upper
154	100		
153	119.4	90.5	135.7
152	48.7	43.6	65.4

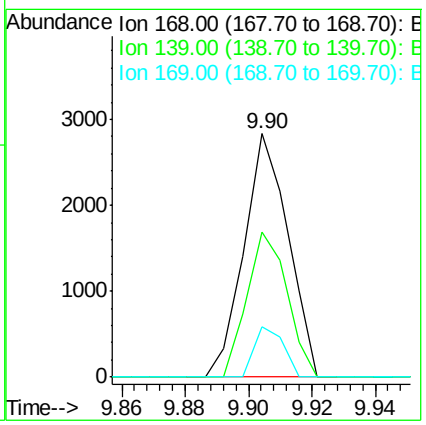


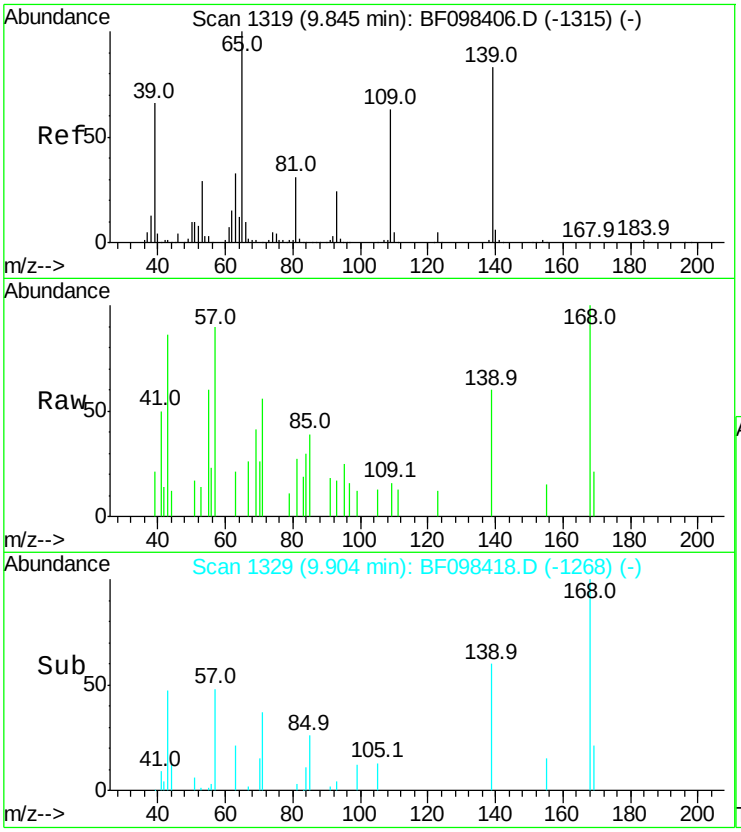


#54
Dibenzofuran
Concen: 0.080 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:168 Resp: 2733

Ion	Ratio	Lower	Upper
168	100		
139	59.7	30.6	45.8#
169	20.5	10.8	16.2#



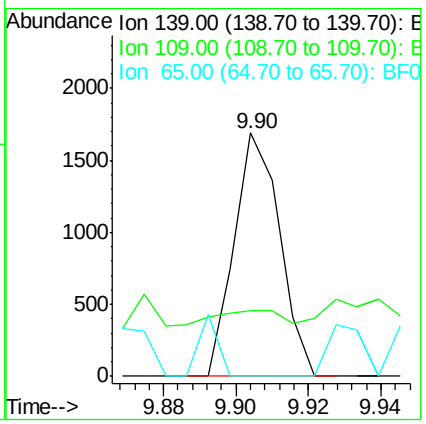


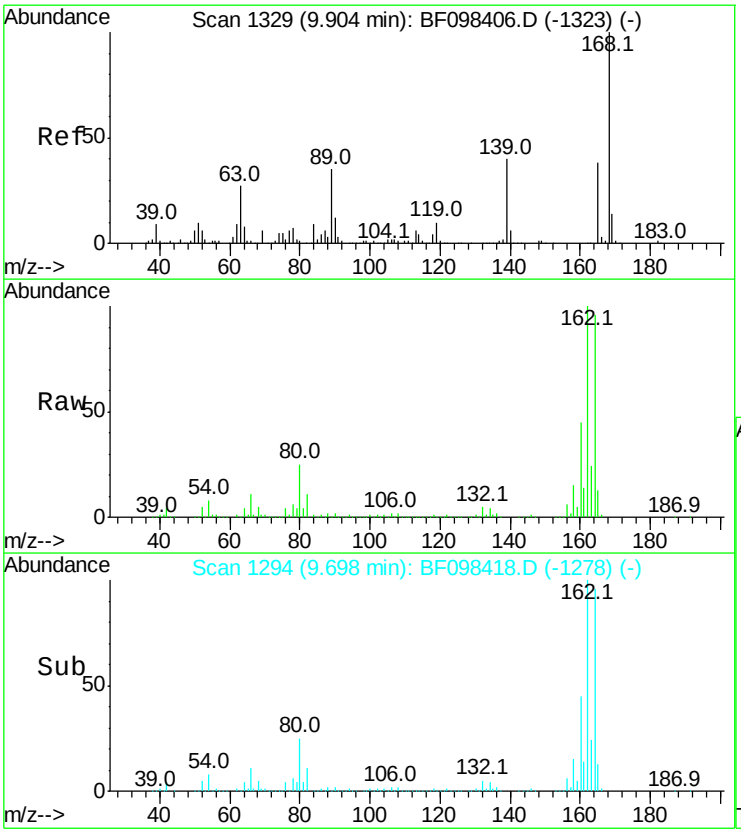
#55
4-Nitrophenol
Concen: 0.313 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.06 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:139 Resp: 1486

Ion	Ratio	Lower	Upper
139	100		
109	26.9	34.1	74.1#
65	0.0	31.4	71.4#

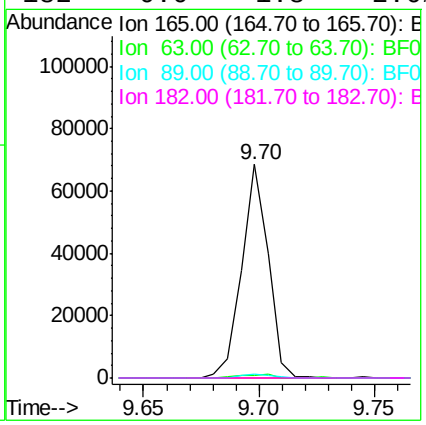


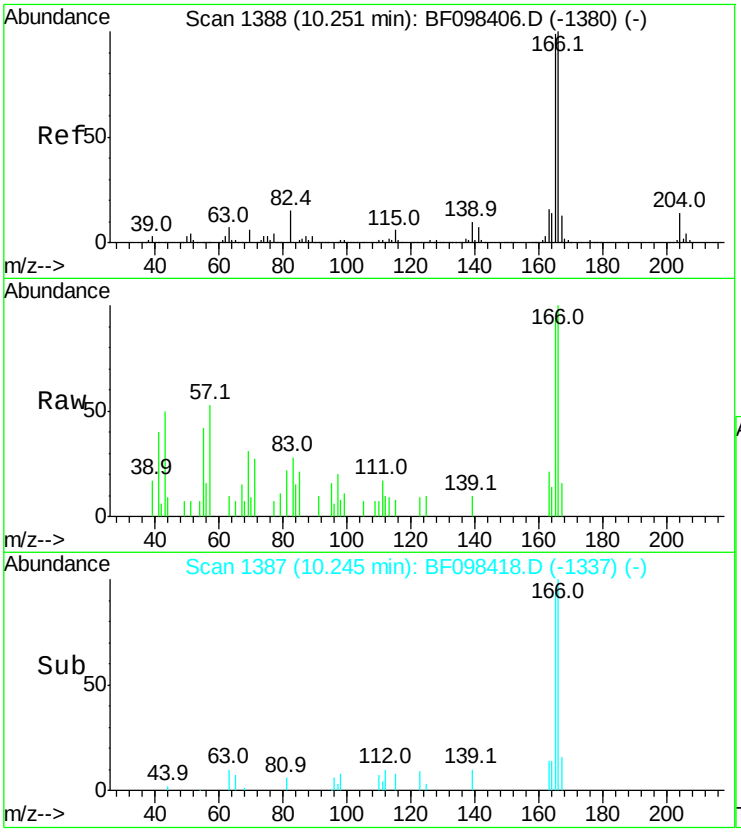


#56
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:165 Resp: 55184

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



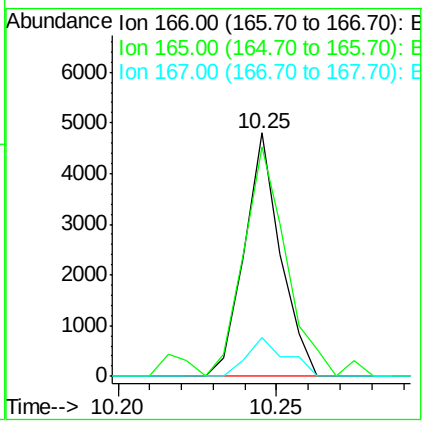


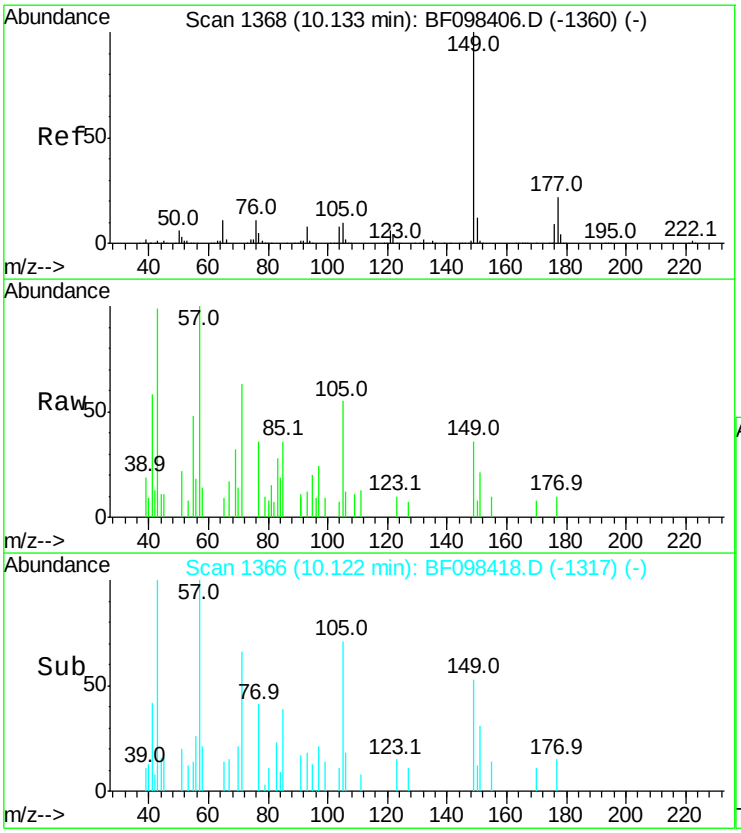
#57
Fluorene
Concen: 0.133 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:166 Resp: 3776

Ion	Ratio	Lower	Upper
166	100		
165	94.1	78.8	118.2
167	16.0	10.6	16.0#

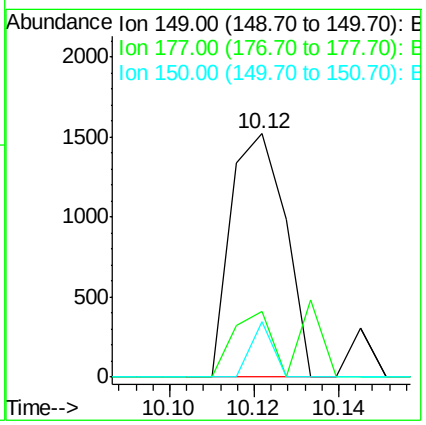


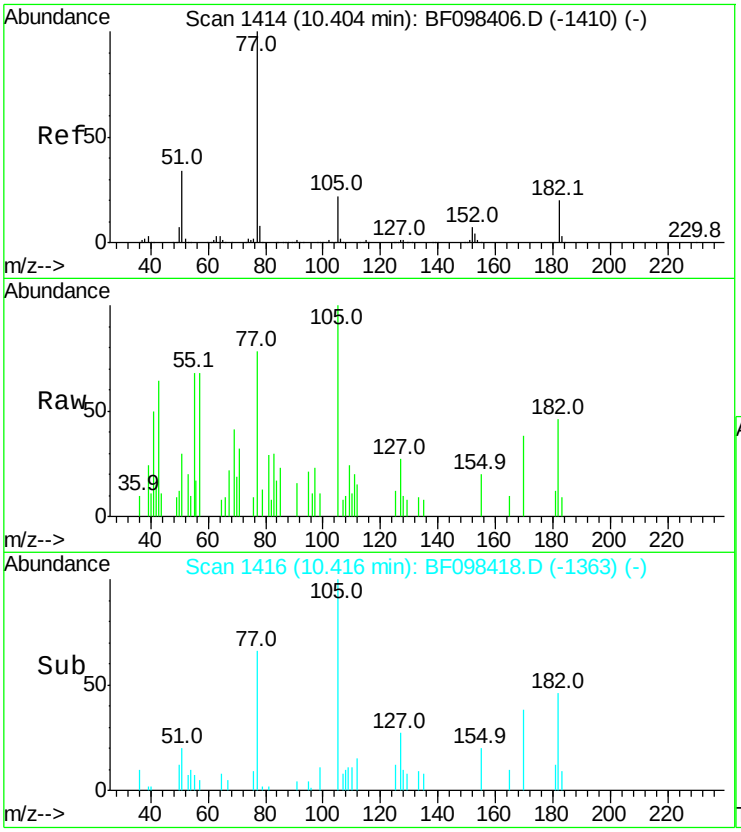


#59
Diethylphthalate
Concen: 0.043 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:149 Resp: 1356

Ion	Ratio	Lower	Upper
149	100		
177	27.1	16.7	25.1#
150	22.9	10.2	15.2#



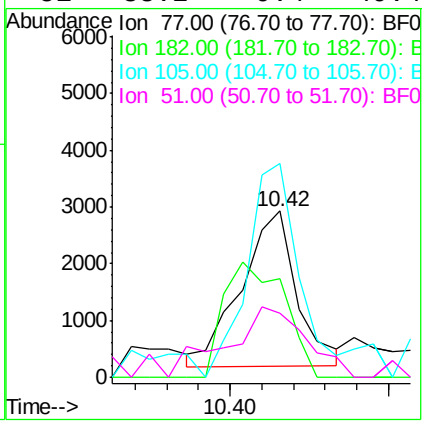


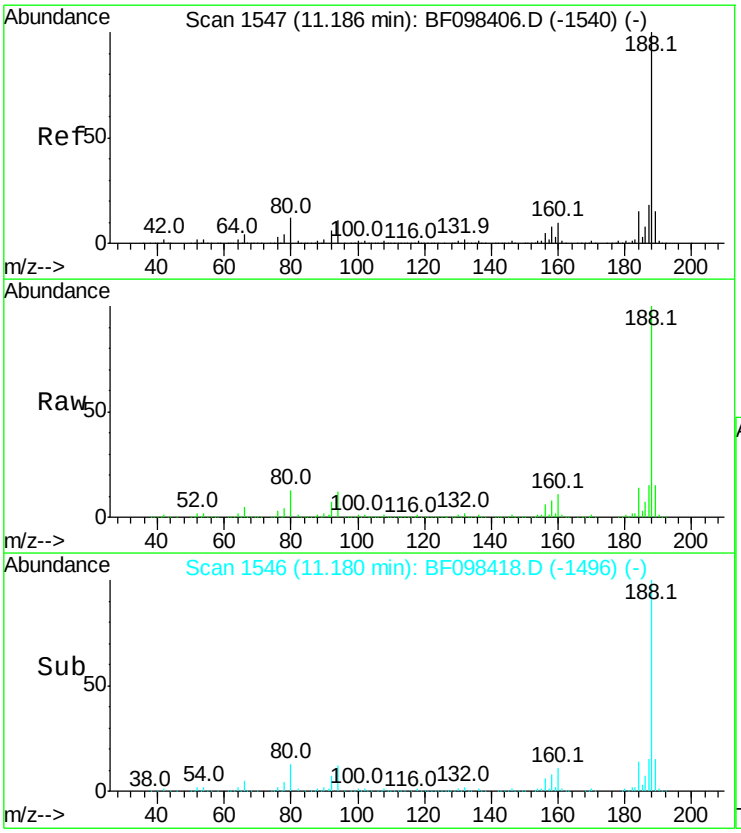
#62
Azobenzene
Concen: 0.098 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument : BNA_F
ClientSampleId : EME-UTS-TS001-02

Tgt Ion: 77 Resp: 3350

Ion	Ratio	Lower	Upper
77	100		
182	59.0	0.1	40.1#
105	128.6	3.6	43.6#
51	38.2	9.4	49.4

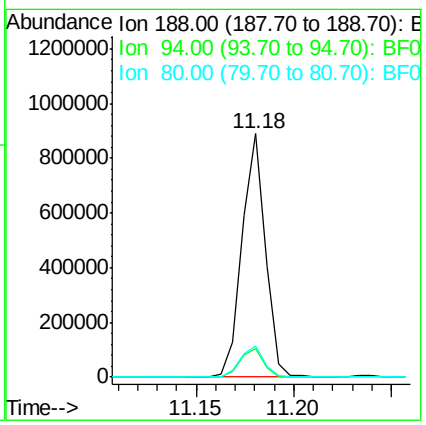


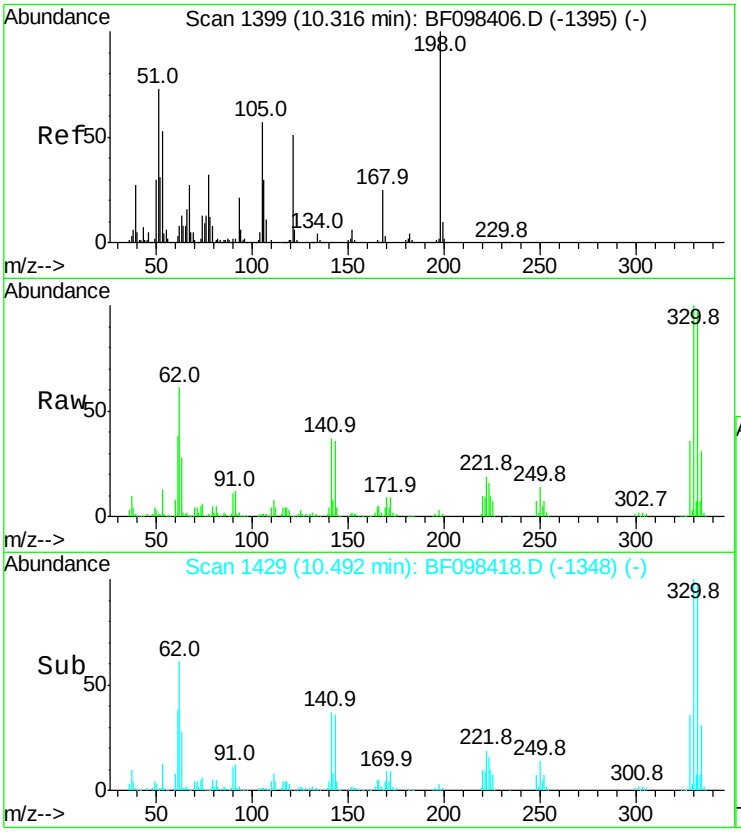


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:188 Resp: 738054

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.6	10.2	15.2



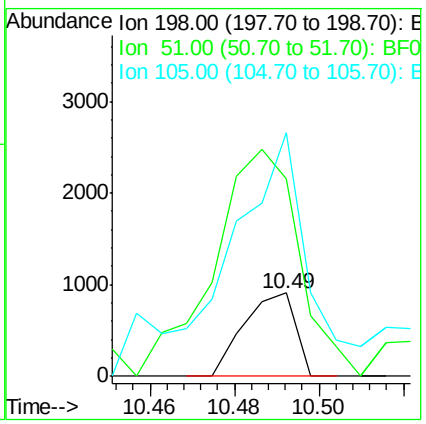


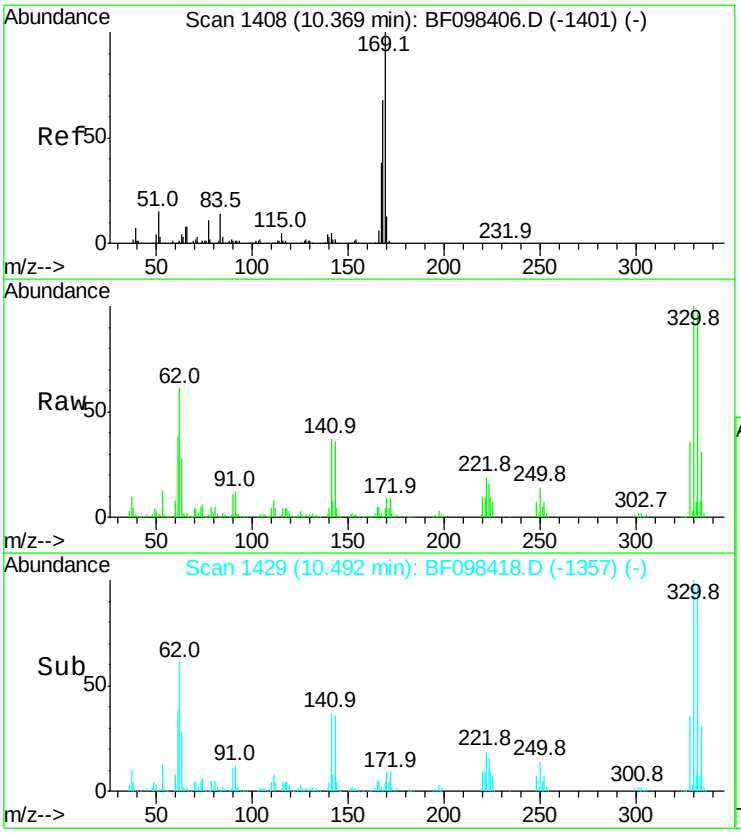
#64
4,6-Dinitro-2-methylphenol
Concen: 5.118 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.18 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:198 Resp: 774

Ion	Ratio	Lower	Upper
198	100		
51	238.0	53.2	93.2#
105	293.1	45.8	85.8#

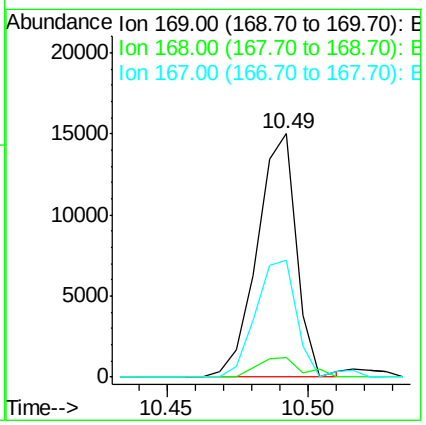


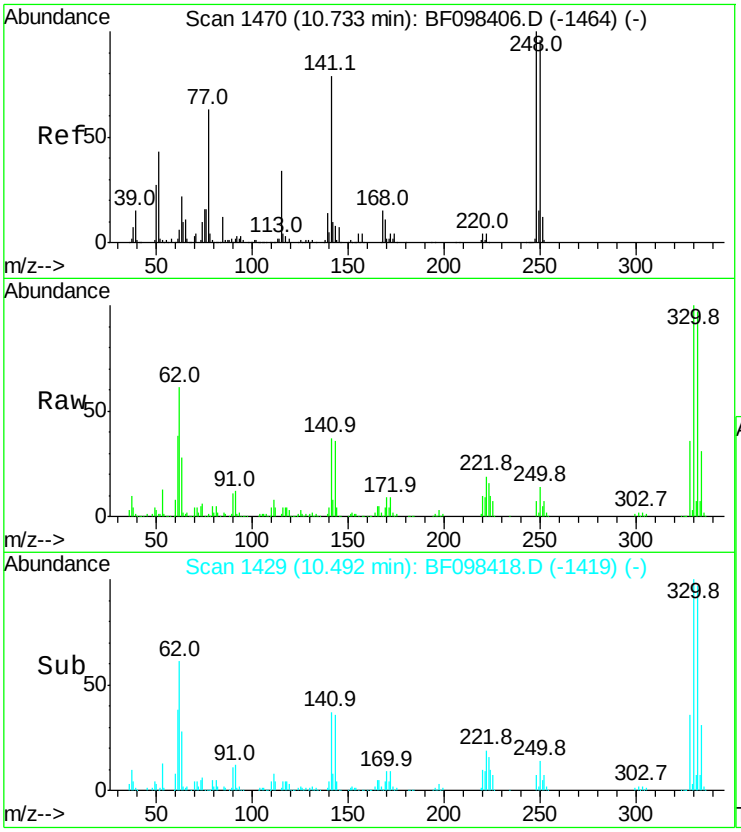


#65
n-Nitrosodiphenylamine
Concen: 0.602 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.12 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:169 Resp: 14422

Ion	Ratio	Lower	Upper
169	100		
168	7.8	53.2	79.8#
167	47.9	29.5	44.3#



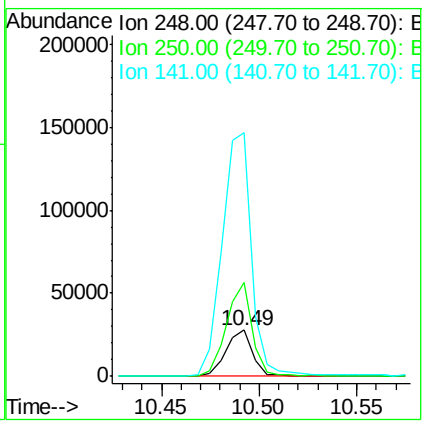


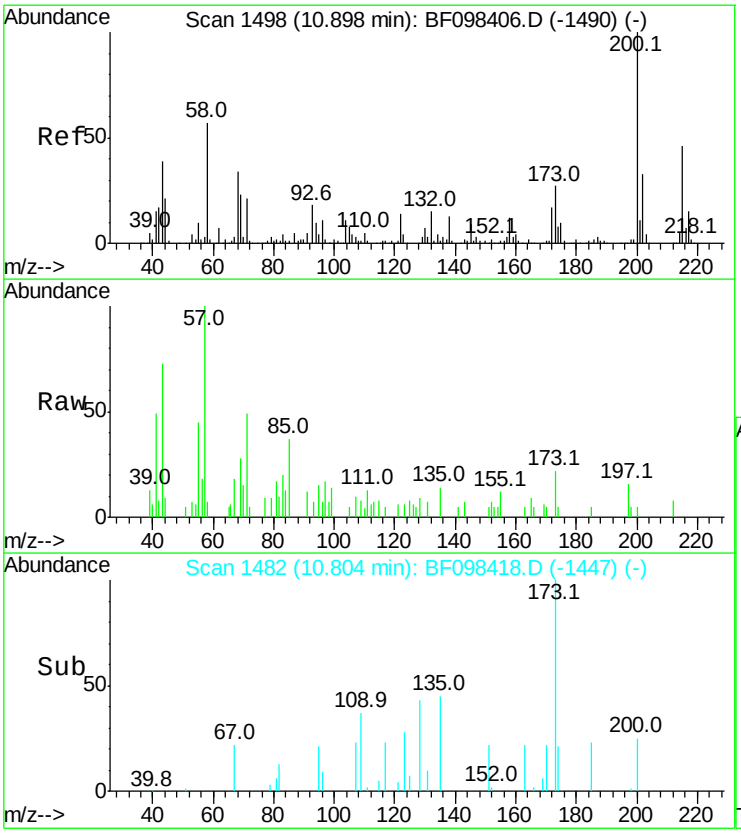
#66
4-Bromophenyl-phenylether
Concen: 3.723 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:248 Resp: 26076

Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.8	115.2#
141	527.3	68.6	103.0#

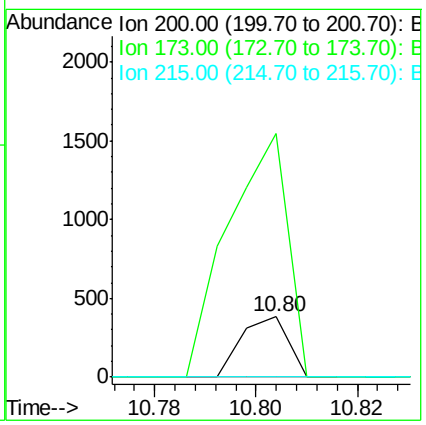


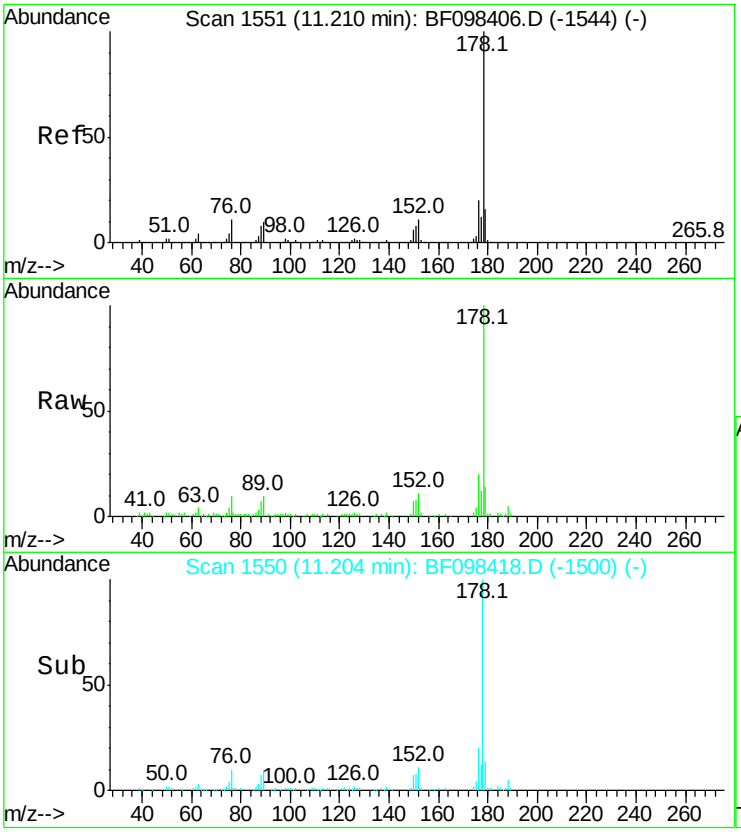


#68
Atrazine
Concen: 0.033 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.09 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:200 Resp: 246

Ion	Ratio	Lower	Upper
200	100		
173	403.7	6.3	46.3#
215	0.0	27.2	67.2#



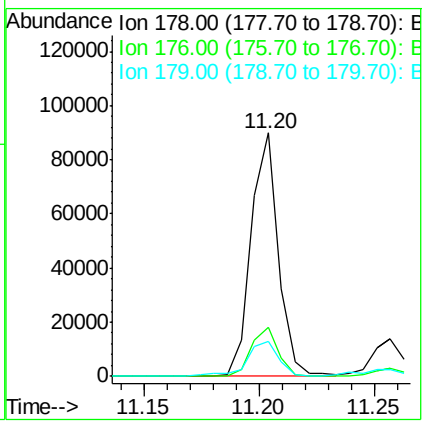


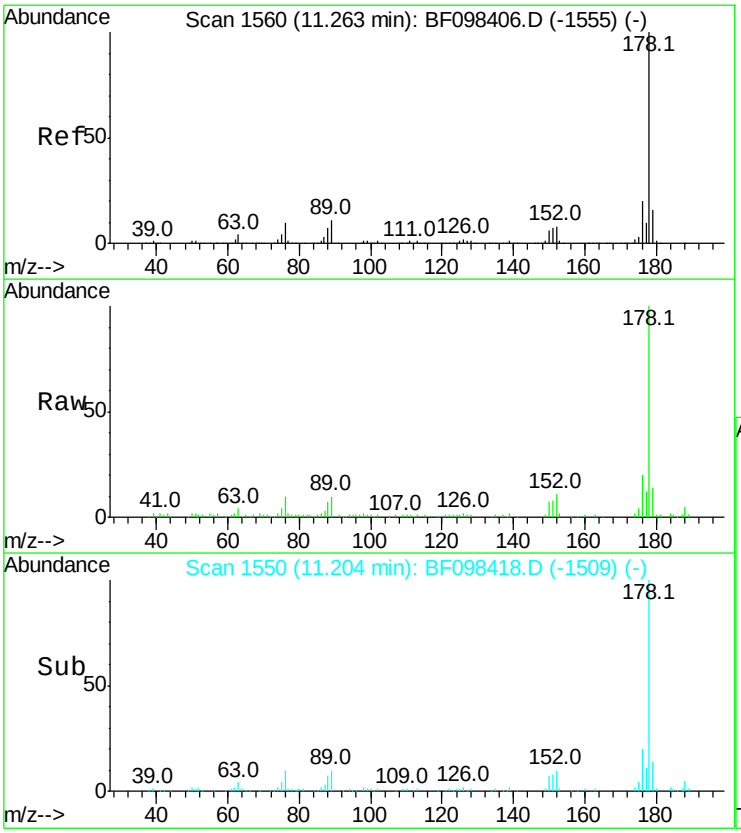
#70
Phenanthrene
Concen: 1.906 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:178 Resp: 74558

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	14.4	12.6	19.0

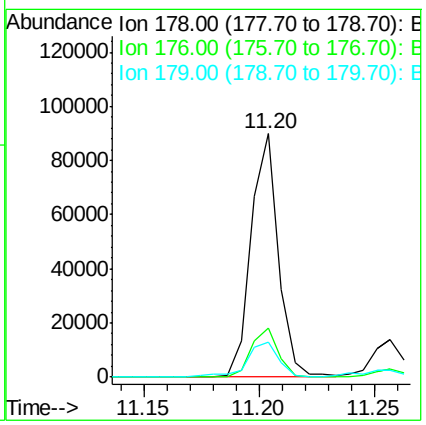


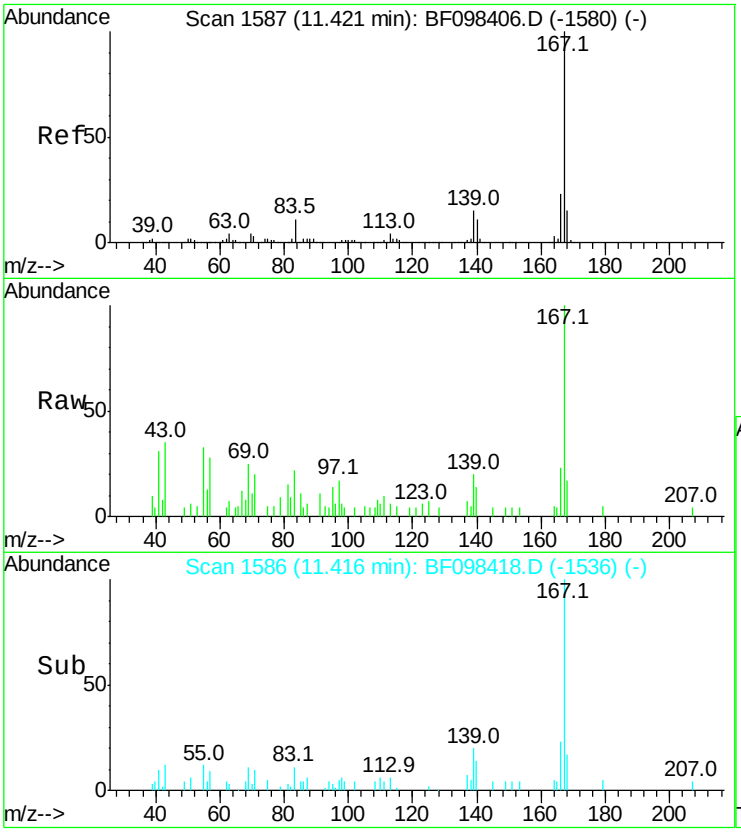


#71
Anthracene
Concen: 1.856 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.06 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:178 Resp: 74558

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	14.4	12.7	19.1



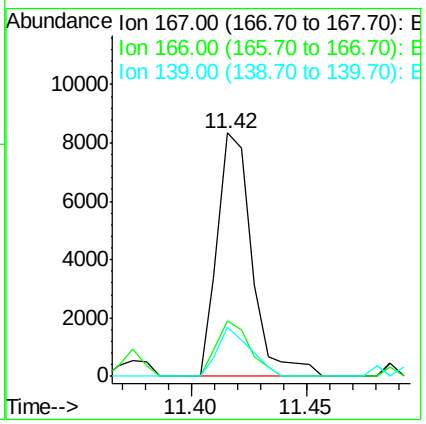


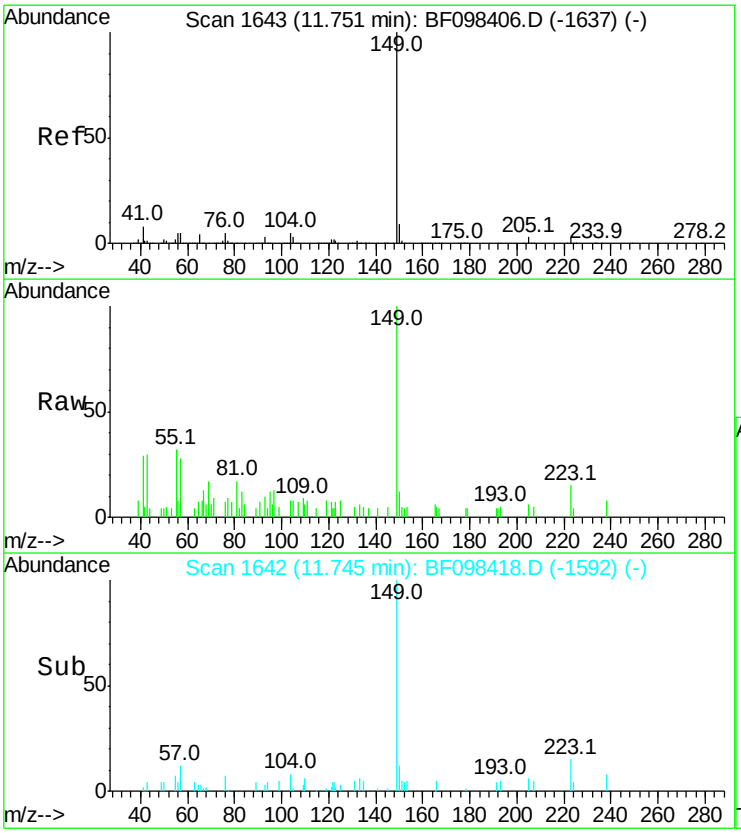
#72
Carbazole
Concen: 0.233 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:167 Resp: 8727

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	20.0	11.7	17.5#

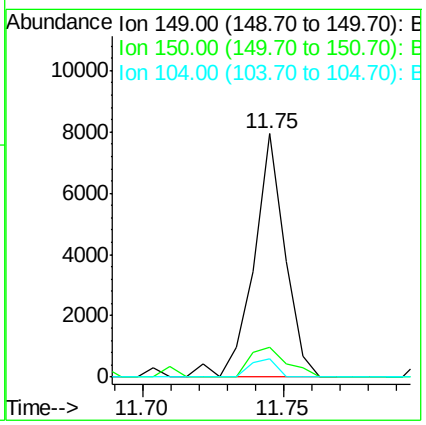


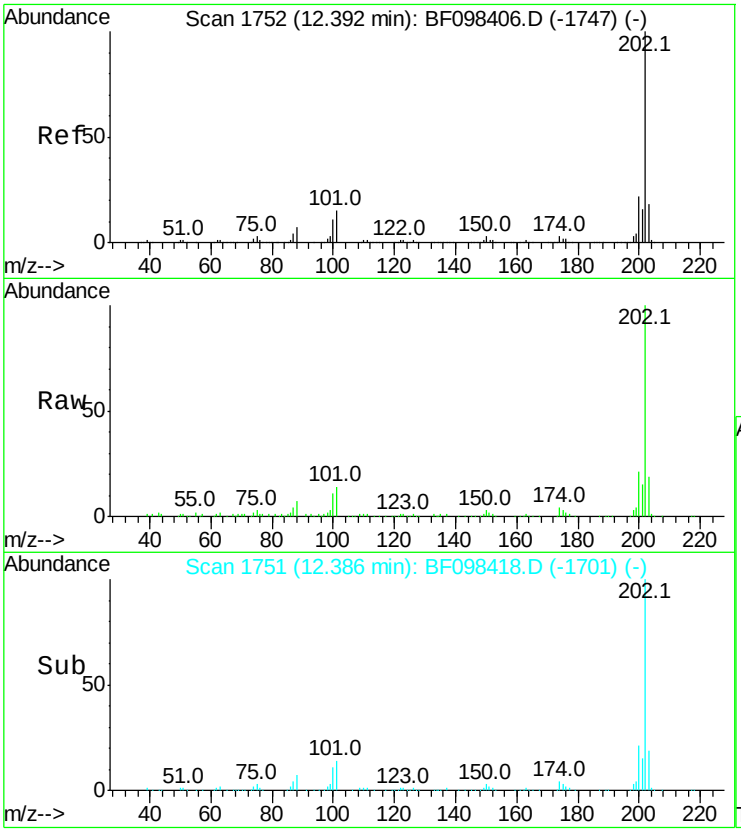


#73
Di-n-butylphthalate
Concen: 0.136 ng
RT: 11.75 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:149 Resp: 6105

Ion	Ratio	Lower	Upper
149	100		
150	12.1	7.7	11.5#
104	7.5	4.0	6.0#



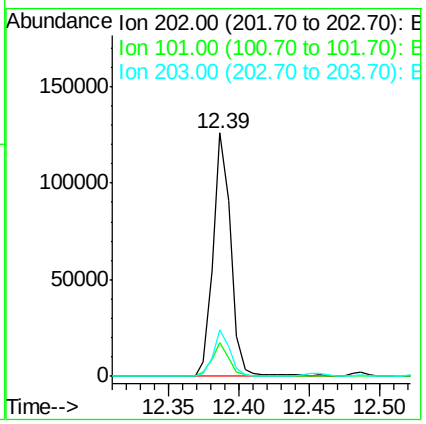


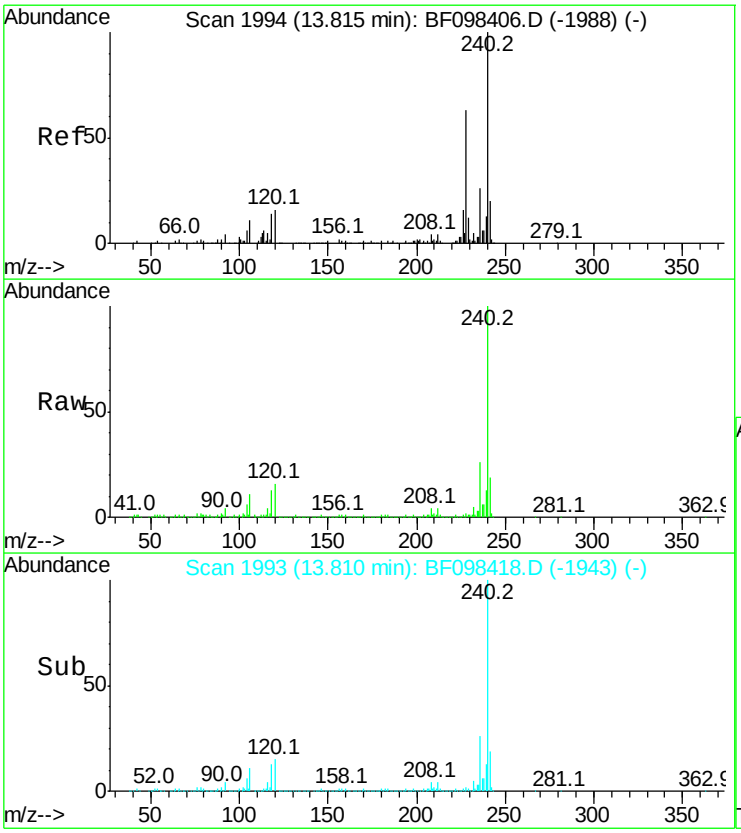
#74
Fluoranthene
Concen: 2.815 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:202 Resp: 110259

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	18.8	0.0	38.1

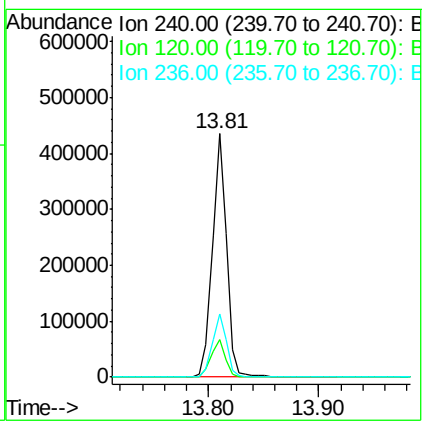


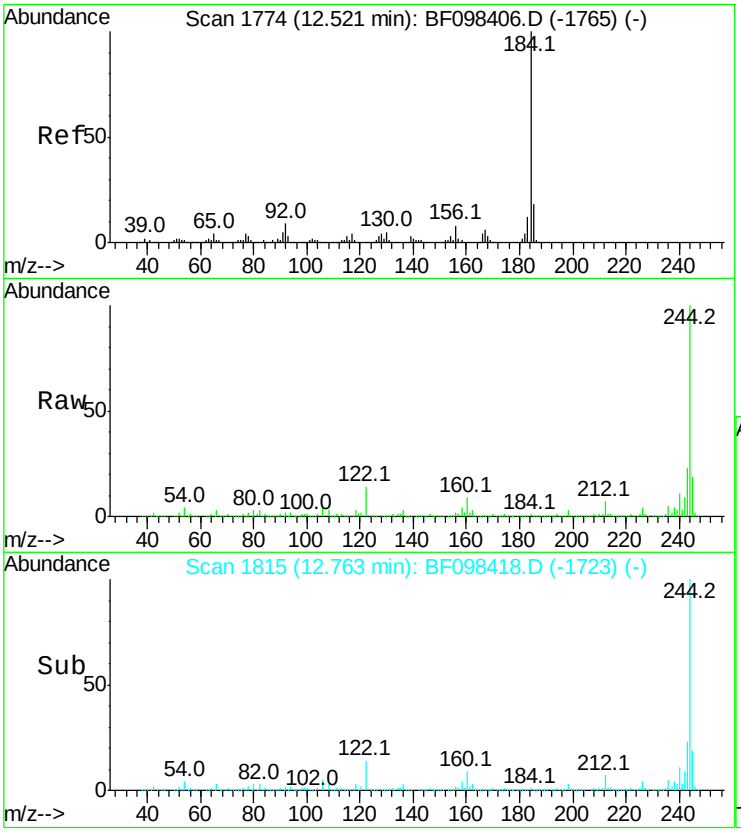


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:240 Resp: 384189

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.7	20.5	30.7



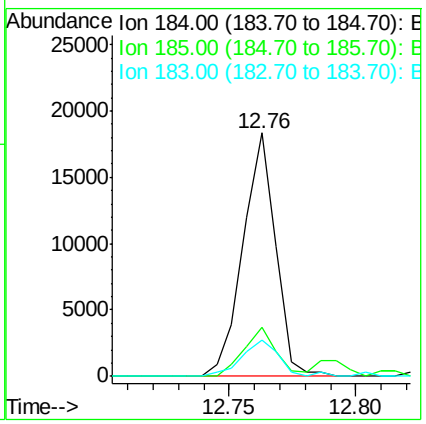


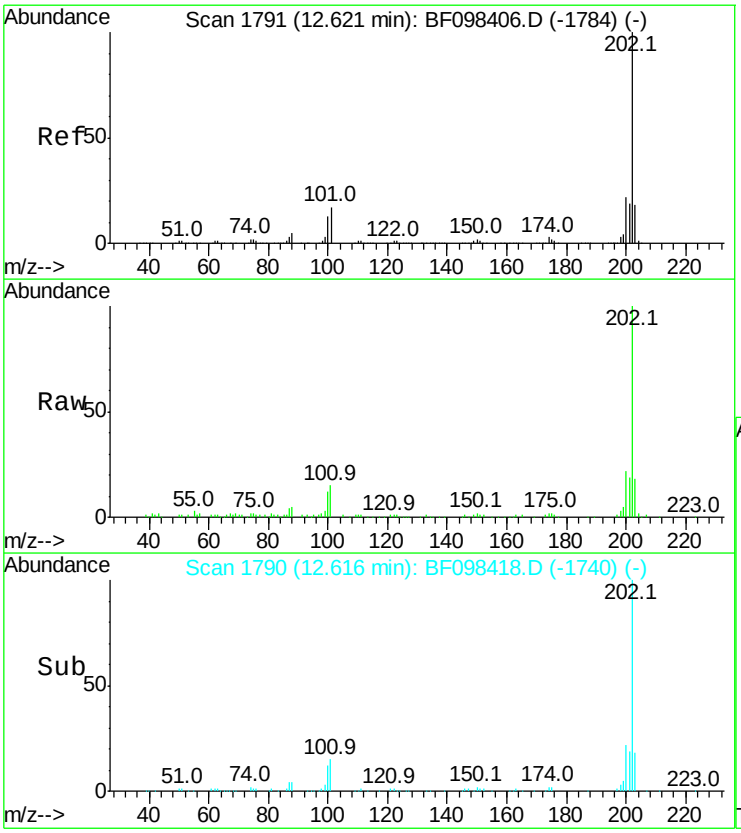
#76
Benzidine
Concen: 0.969 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.24 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:184 Resp: 16479

Ion	Ratio	Lower	Upper
184	100		
185	20.0	15.5	23.3
183	14.9	9.8	14.6#

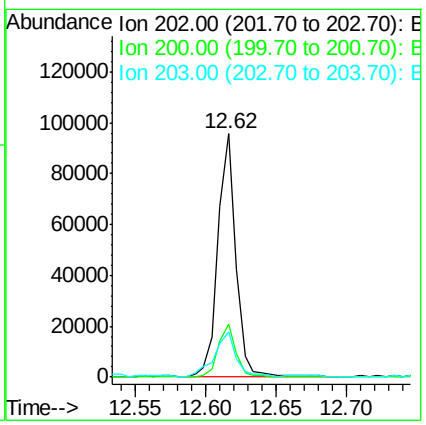


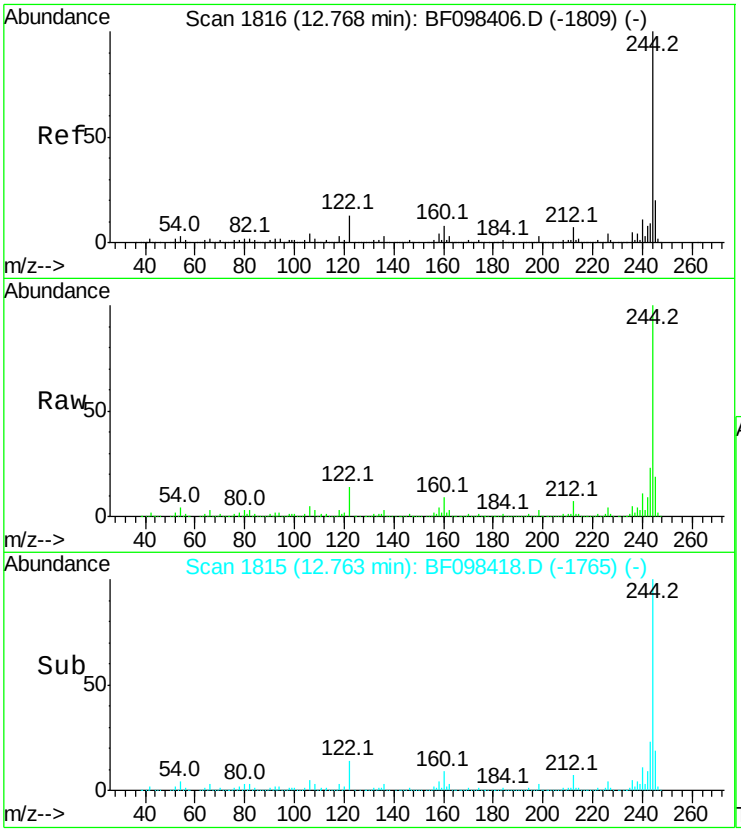


#77
Pyrene
Concen: 2.817 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:202 Resp: 85389

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.3	14.4	21.6



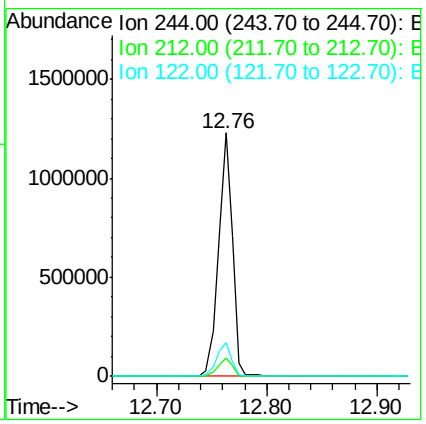


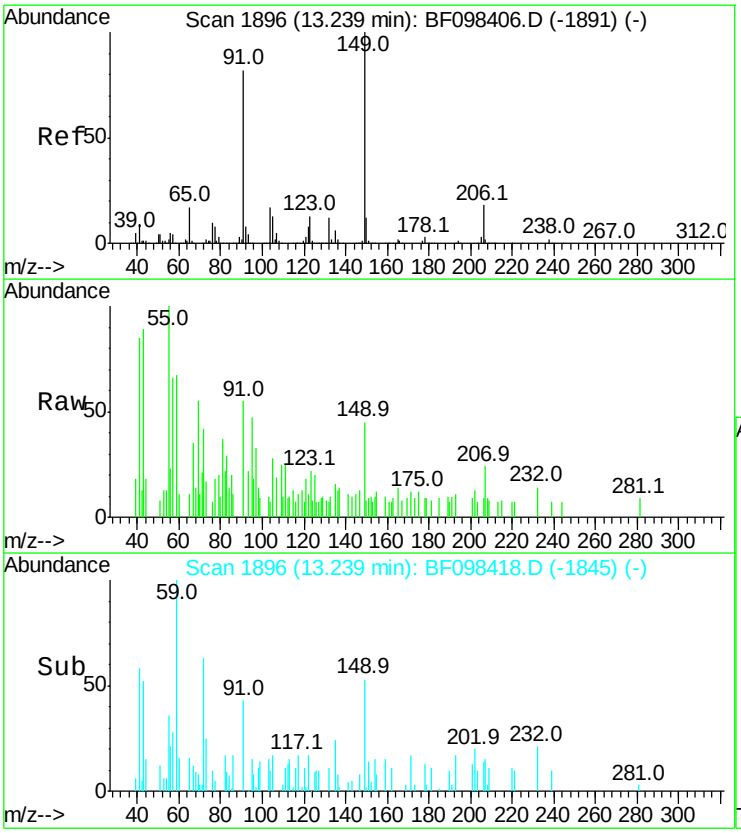
#78
Terphenyl-d14
Concen: 60.561 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument : BNA_F
ClientSampleId : EME-UTS-TS001-02

Tgt Ion:244 Resp: 1077945

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.0	10.3	15.5

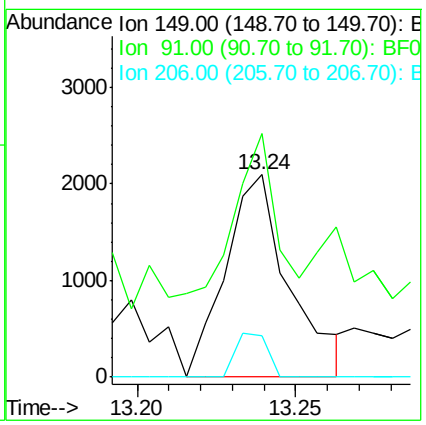


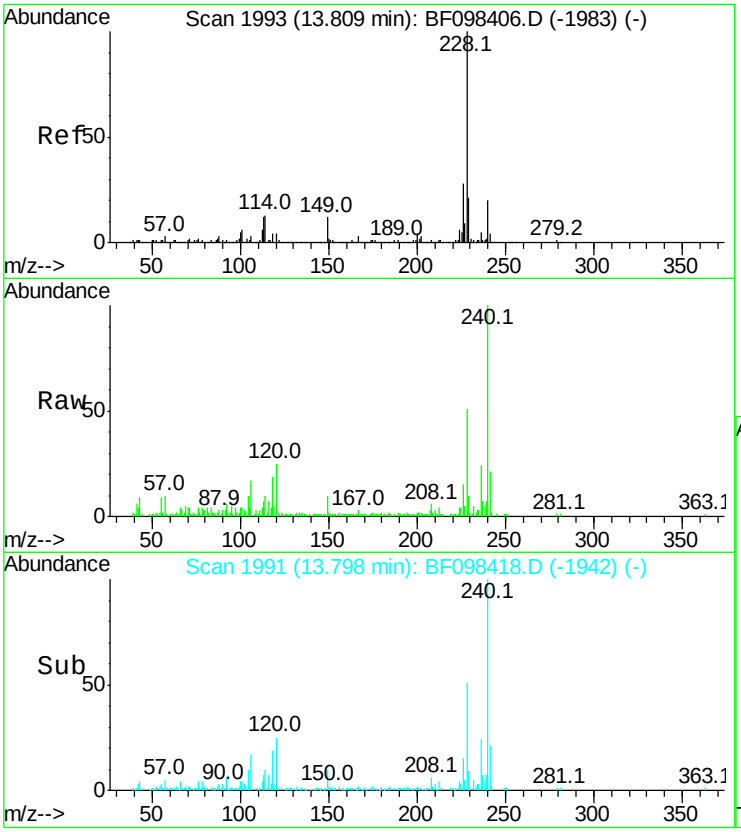


#79
Butylbenzylphthalate
Concen: 0.222 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:149 Resp: 2914

Ion	Ratio	Lower	Upper
149	100		
91	120.3	45.0	67.4#
206	20.5	17.0	25.6



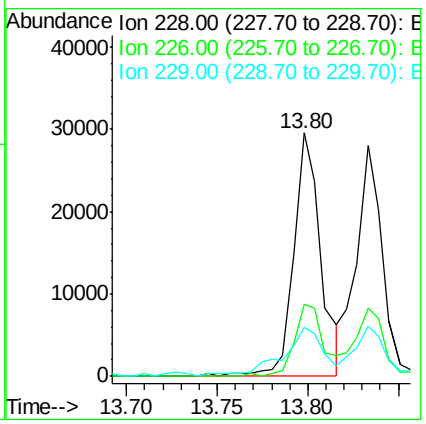


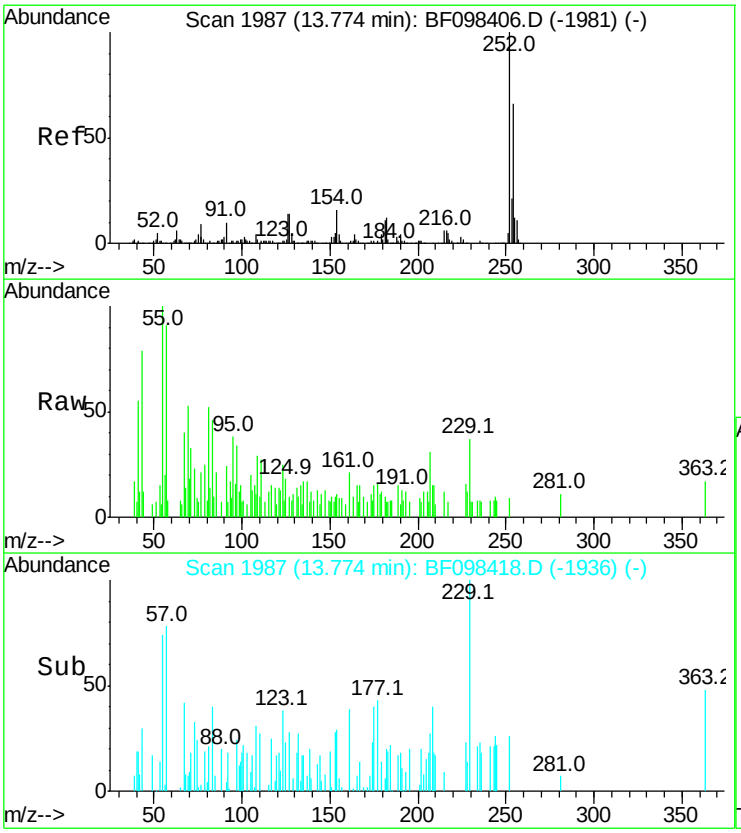
#80
Benzo(a)anthracene
Concen: 1.381 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:228 Resp: 31111

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	19.9	16.3	24.5

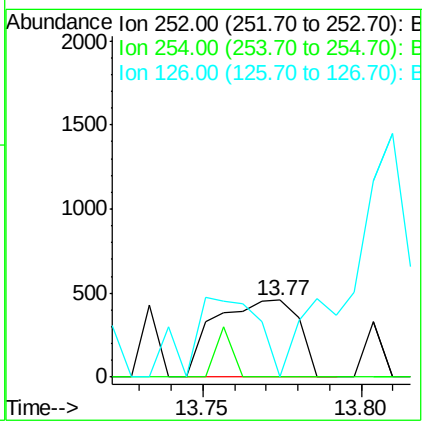


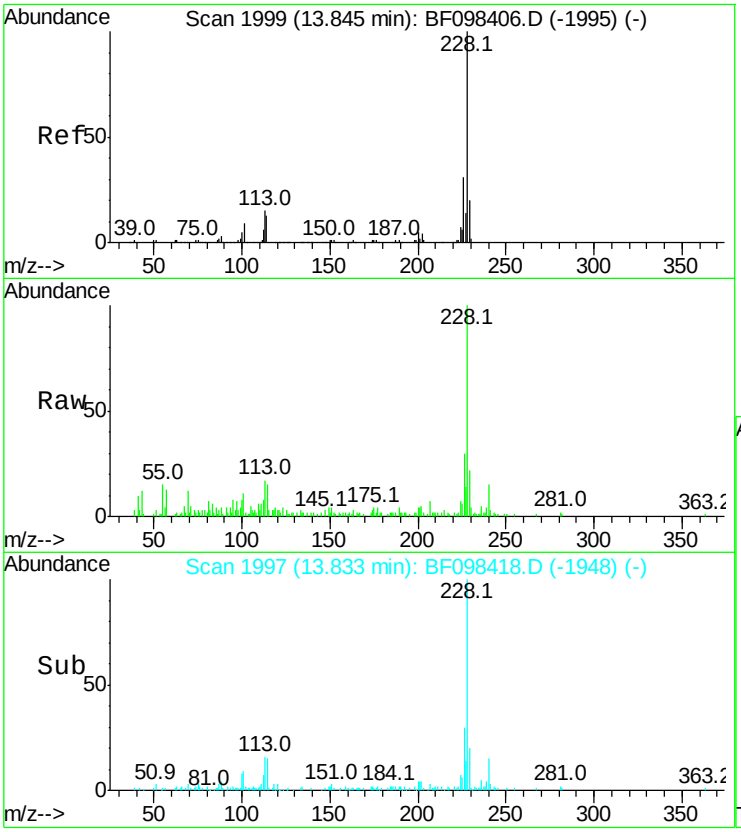


#81
3,3'-Dichlorobenzidine
Concen: 0.096 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:252 Resp: 836

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.5	77.3#
126	0.0	15.8	23.8#



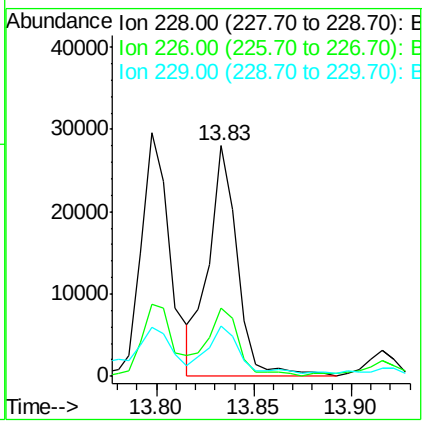


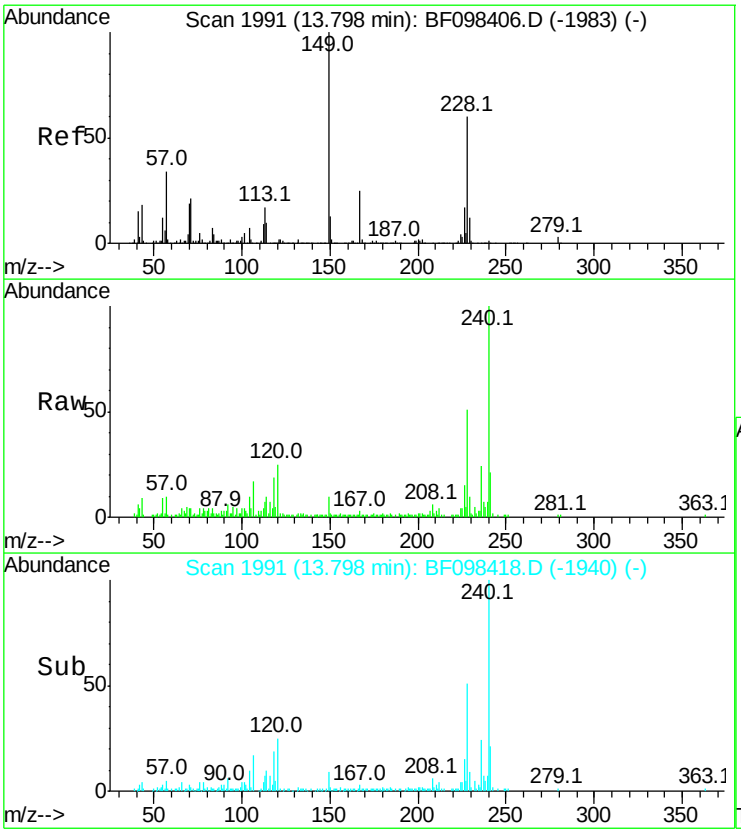
#82
Chrysene
Concen: 1.270 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:228 Resp: 28925

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.9	15.8	23.6

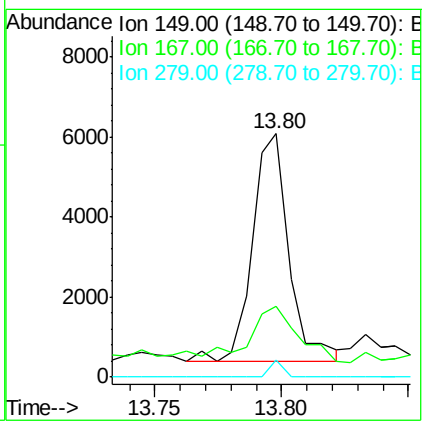


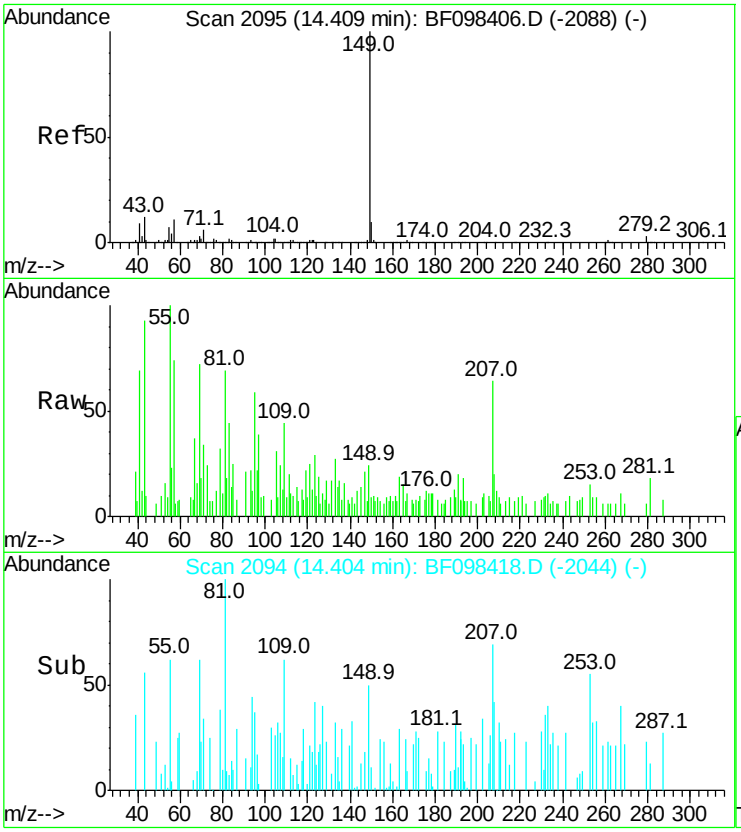


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:149 Resp: 5675

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.0	31.4
279	6.9	1.9	2.9#



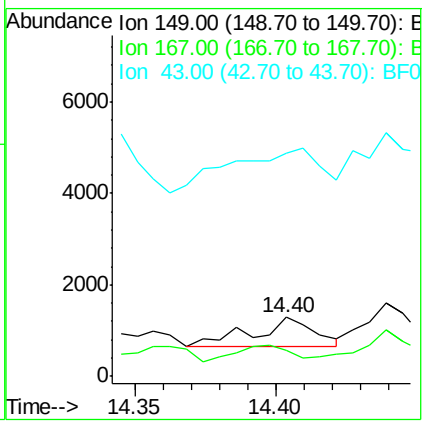


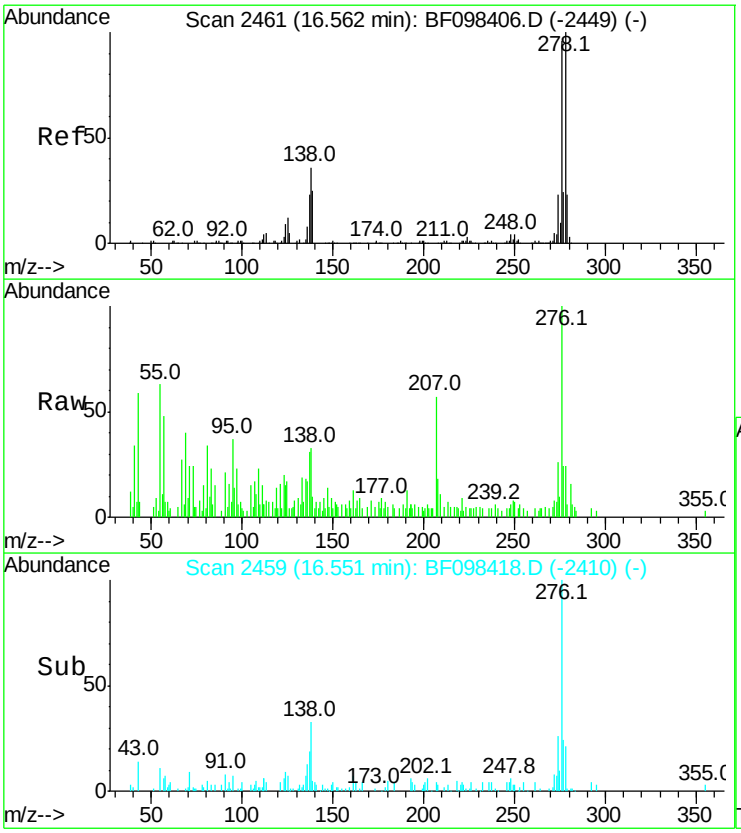
#84
Di-n-octyl phthalate
Concen: 0.035 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:149 Resp: 991

Ion	Ratio	Lower	Upper
149	100		
167	27.9	1.2	1.8#
43	212.3	8.5	12.7#

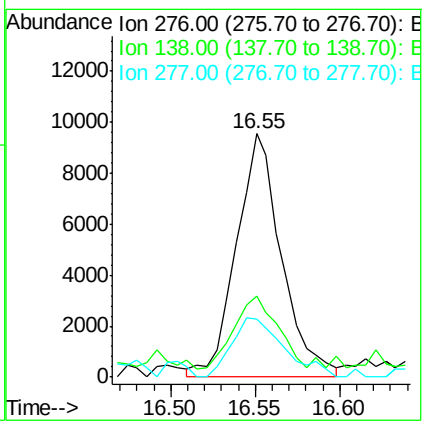


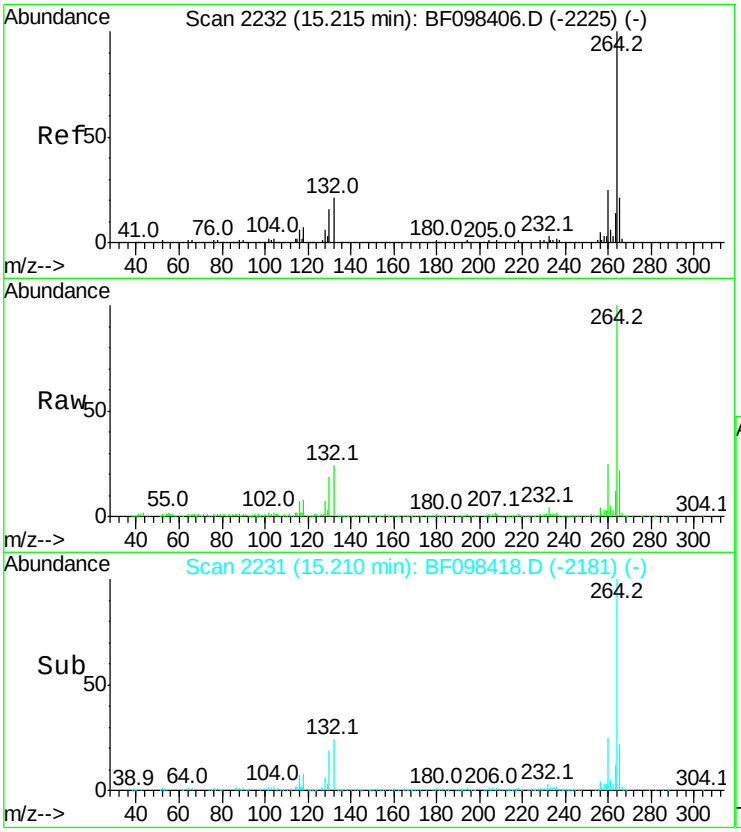


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.109 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:276 Resp: 17710

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	28.1	20.2	30.4



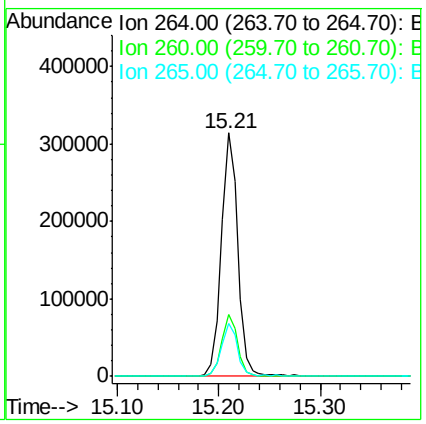


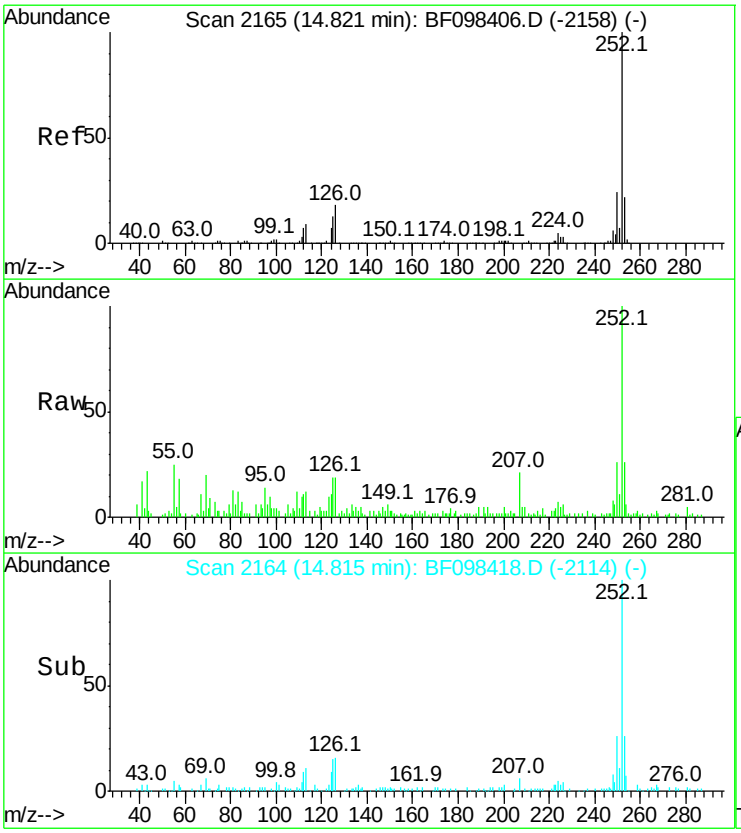
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:264 Resp: 356451

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.8	17.2	25.8

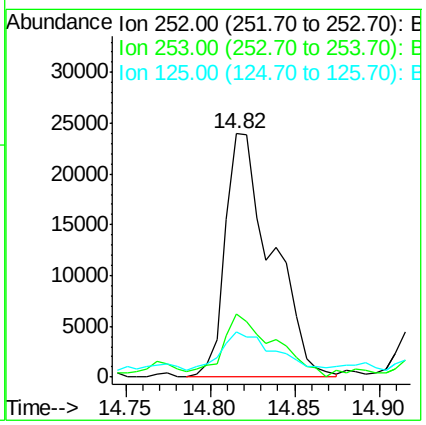


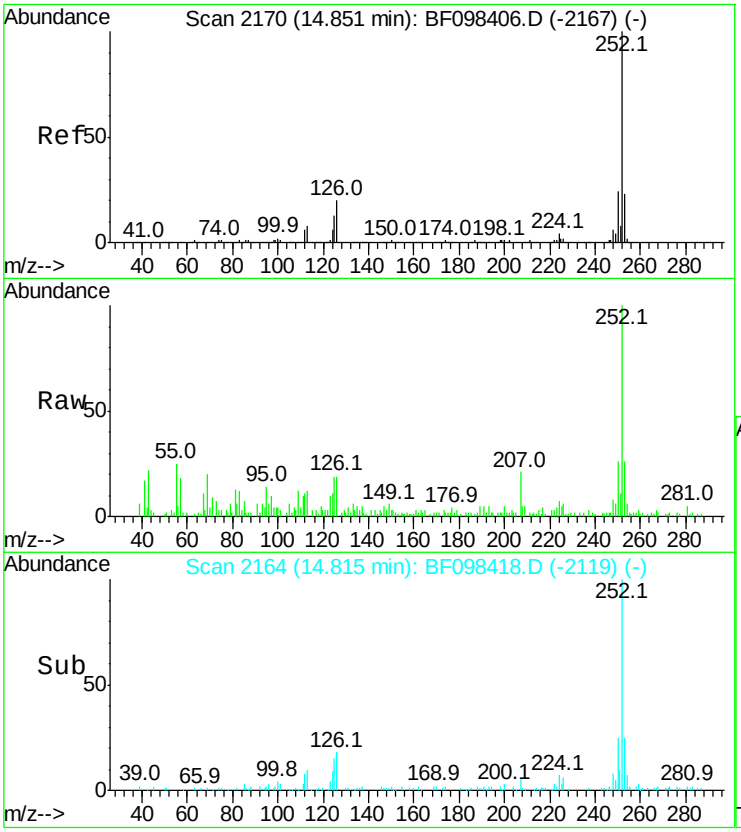


#87
Benzo(b)fluoranthene
Concen: 2.041 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:252 Resp: 45752

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	18.8	9.8	14.8#



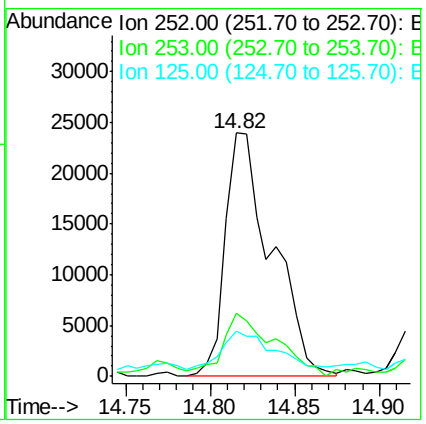


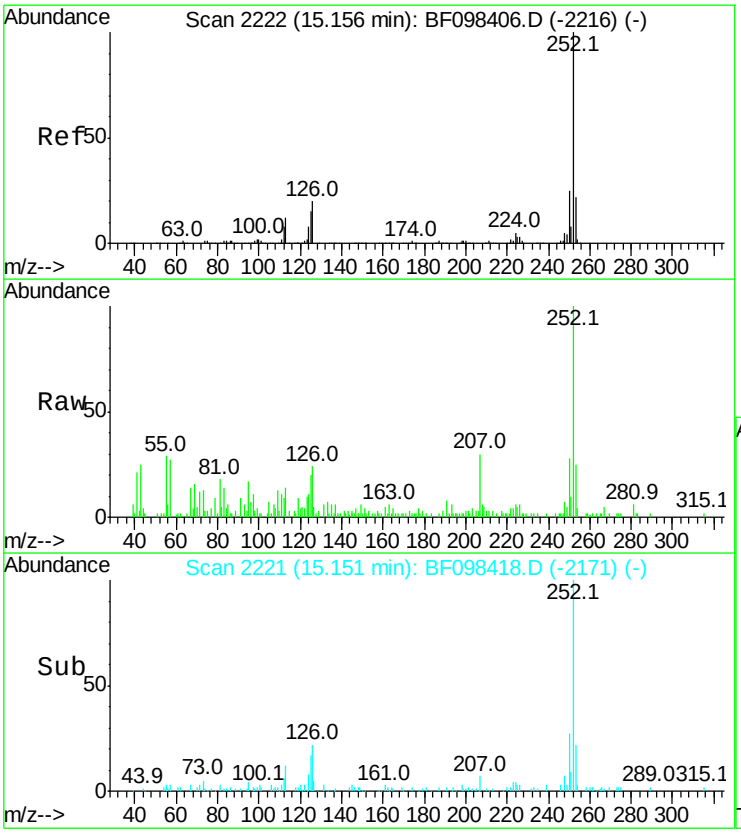
#88
Benzo(k)fluoranthene
Concen: 2.187 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:252 Resp: 45752

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	18.8	13.1	19.7

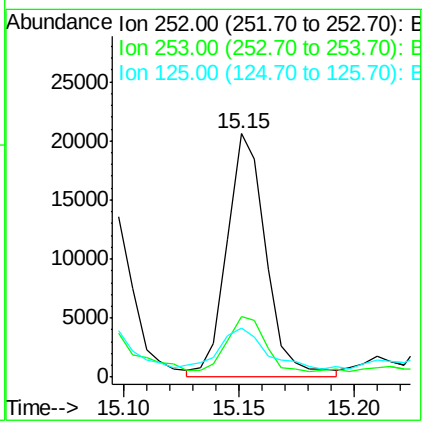


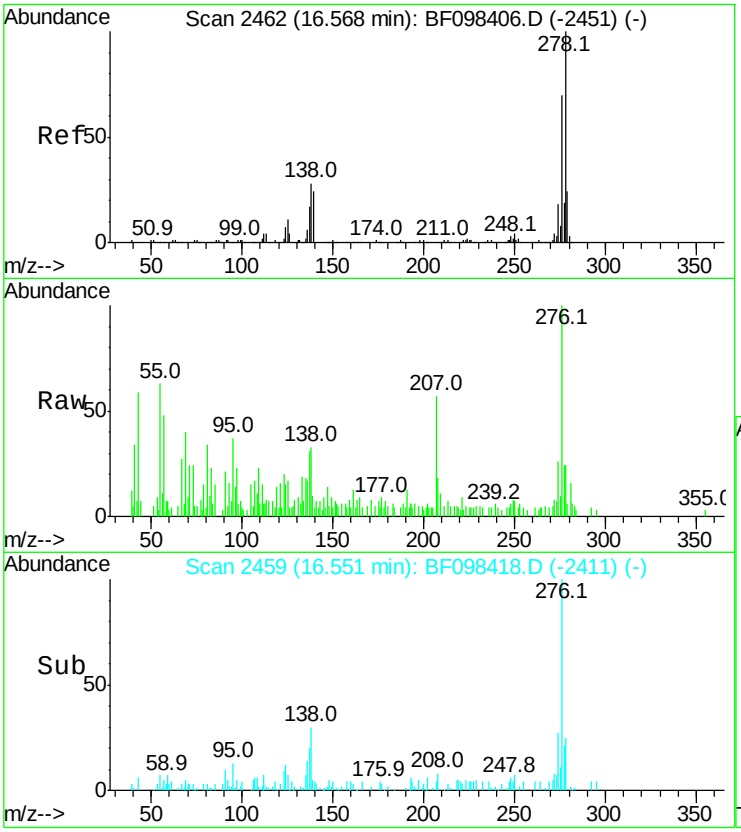


#89
Benzo(a)pyrene
Concen: 1.225 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:252 Resp: 24458

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	20.2	11.0	16.4#



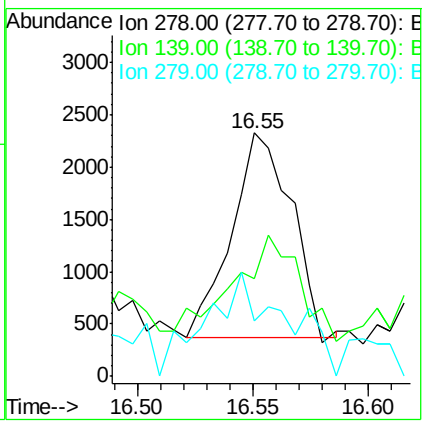


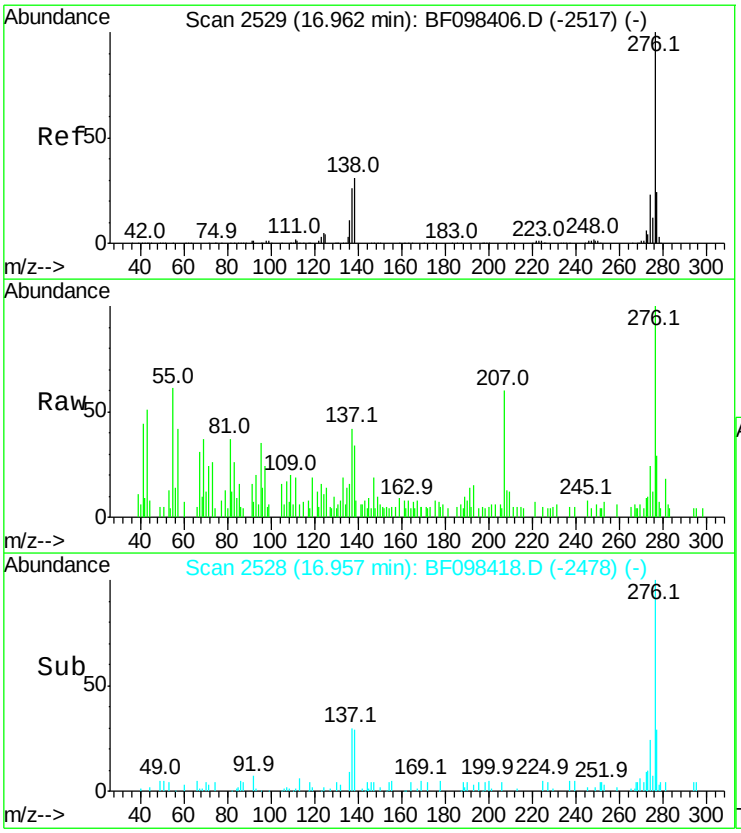
#90
Dibenzo(a,h)anthracene
Concen: 0.243 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

Tgt Ion:278 Resp: 3534

Ion	Ratio	Lower	Upper
278	100		
139	40.3	16.6	24.8#
279	22.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 1.221 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF098418.D
Acq: 11 Sep 2017 22:44

Tgt Ion:276 Resp: 17844

Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.6	28.0#
138	34.3	25.4	38.0