Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093136.D
Acq On : 24 Feb 2017 7:53
Operator : SJ/MA
Sample : I1948-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:47 PM

Quant Time: Feb 24 08:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156486	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	561234	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	241408	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	353824	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	272983	20.00	ng		-0.01
86) Perylene-d12	15.43	264	255159	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1227726	134.60	ng		0.01
7) Phenol-d6	6.49	99	1474579	125.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	924356	91.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	219814	125.89	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1609484	120.79	ng		-0.01
78) Terphenyl-d14	12.95	244	949886	81.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	182414	37.01	ng	#	73
3) Pyridine	3.30	79	320789m	25.60	ng		
4) n-Nitrosodimethylamine	3.22	42	266445	45.28	ng		87
6) Aniline	6.51	93	132403	8.27	ng	#	37
8) 2-Chlorophenol	6.64	128	433396	43.07	ng		92
9) Benzaldehyde	6.40	77	116751	13.89	ng		97
10) Phenol	6.51	94	478637	34.86	ng	#	70
11) bis(2-Chloroethyl)ether	6.58	93	484369	44.19	ng		88
12) 1,3-Dichlorobenzene	6.78	146	519535	44.08	ng		97
13) 1,4-Dichlorobenzene	6.86	146	523267m	43.87	ng		
14) 1,2-Dichlorobenzene	7.01	146	462272	40.53	ng		99
15) Benzyl Alcohol	6.99	79	348398	40.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	808248	42.45	ng		98
17) 2-Methylphenol	7.12	107	383492	44.42	ng		97
18) Hexachloroethane	7.36	117	155672	38.23	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	310684	41.59	ng		95
20) 3+4-Methylphenols	7.26	107	454605	44.04	ng	#	85
22) Acetophenone	7.25	105	613875	47.91	ng		98
24) Nitrobenzene	7.44	77	528470	51.07	ng	#	88
25) Isophorone	7.68	82	911478	48.53	ng		98
26) 2-Nitrophenol	7.74	139	209332	42.55	ng		93
27) 2,4-Dimethylphenol	7.79	122	395787	45.81	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	579842	46.62	ng		99
29) 2,4-Dichlorophenol	8.00	162	382955	47.53	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	388593	44.75	ng		97
31) Naphthalene	8.16	128	1224805	43.05	ng		99
32) Benzoic acid	7.93	122	242522	49.31	ng		98
33) 4-Chloroaniline	8.21	127	90982	8.15	ng		98
34) Hexachlorobutadiene	8.27	225	204678	42.84	ng		99
35) Caprolactam	8.58	113	103297	40.76	ng	#	43
36) 4-Chloro-3-methylphenol	8.69	107	359943	42.85	ng		94
37) 2-Methylnaphthalene	8.84	142	838119	45.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	347548	51.29	ng		99
40) Hexachlorocyclopentadiene	8.99	237	92176	30.15	ng		97

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Quant Time: Feb 24 08:24:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	247285	55.54	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	243052	49.82	ng	#	86
45) 1,1'-Biphenyl	9.31	154	945470	54.09	ng		99
46) 2-Chloronaphthalene	9.33	162	772729	56.51	ng		97
47) 2-Nitroaniline	9.44	65	247074	53.74	ng	#	72
48) Acenaphthylene	9.74	152	1149377	48.65	ng		98
49) Dimethylphthalate	9.61	163	854589	52.56	ng		99
50) 2,6-Dinitrotoluene	9.68	165	194574	55.41	ng		91
51) Acenaphthene	9.92	154	667976	47.29	ng		96
52) 3-Nitroaniline	9.84	138	96221	23.94	ng		87
53) 2,4-Dinitrophenol	9.95	184	59945	36.31	ng	#	45
54) Dibenzofuran	10.09	168	952954	50.45	ng		95
55) 4-Nitrophenol	10.02	139	230021	79.47	ng		84
56) 2,4-Dinitrotoluene	10.08	165	202670	43.35	ng		95
57) Fluorene	10.43	166	726456	49.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	169580	52.10	ng		94
59) Diethylphthalate	10.30	149	796452	51.97	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	316103	45.27	ng		92
61) 4-Nitroaniline	10.45	138	160152	38.91	ng		92
62) Azobenzene	10.58	77	857539	54.17	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	47922	23.68	ng	#	74
65) n-Nitrosodiphenylamine	10.54	169	646082	57.16	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	193829	52.43	ng	#	89
67) Hexachlorobenzene	10.98	284	177981	48.72	ng		98
68) Atrazine	11.07	200	183029	50.46	ng		96
69) Pentachlorophenol	11.17	266	172379	90.38	ng		98
70) Phenanthrene	11.39	178	932975	46.02	ng		99
71) Anthracene	11.44	178	902035	44.31	ng		98
72) Carbazole	11.60	167	781482	40.16	ng		99
73) Di-n-butylphthalate	11.93	149	1159080	55.08	ng	#	96
74) Fluoranthene	12.58	202	904544	43.26	ng		93
76) Benzidine	12.71	184	84655	7.28	ng		96
77) Pyrene	12.81	202	915842	44.83	ng		98
79) Butylbenzylphthalate	13.43	149	419120	50.52	ng	#	76
80) Benzo(a)anthracene	14.00	228	793568	47.53	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	220901	37.12	ng		99
82) Chrysene	14.03	228	782307	50.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	559841	49.35	ng		98
84) Di-n-octyl phthalate	14.59	149	1065731	57.69	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	638884	52.76	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	867232m	51.64	ng		
88) Benzo(k)fluoranthene	15.05	252	605498m	41.76	ng		
89) Benzo(a)pyrene	15.37	252	701720	48.30	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	555254	47.29	ng		97
91) Benzo(g,h,i)perylene	17.25	276	520955	43.92	ng	#	92

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

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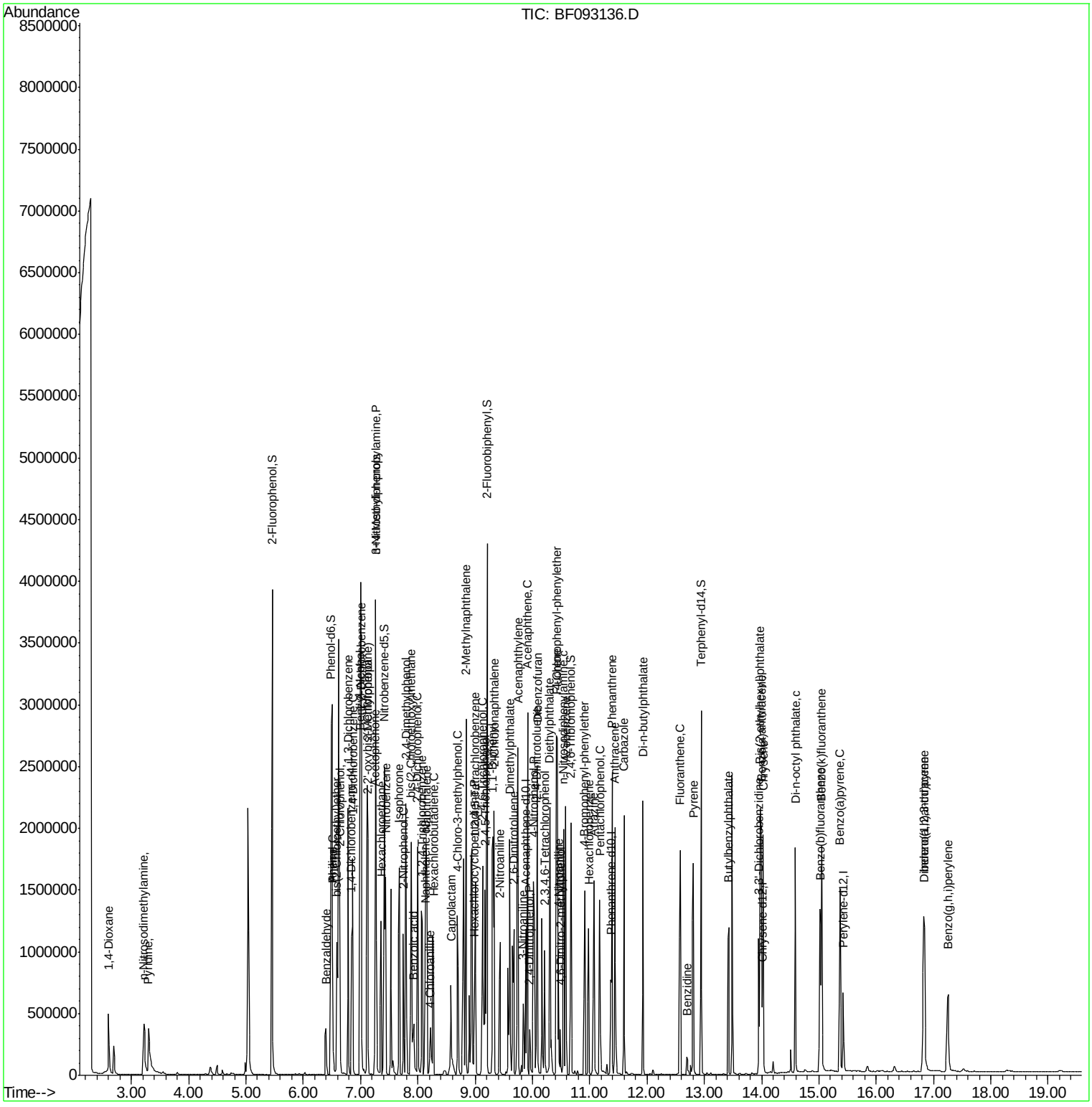
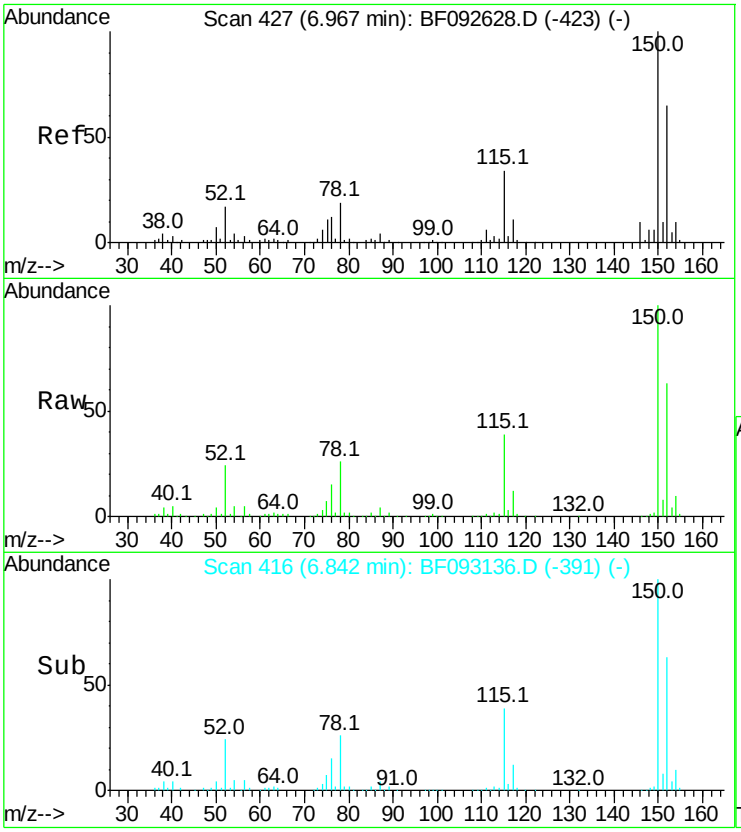
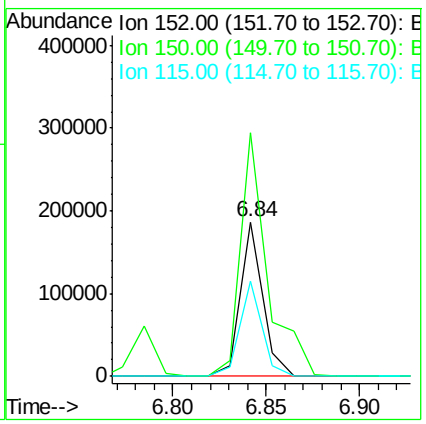




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:152 Resp: 156486

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	62.0	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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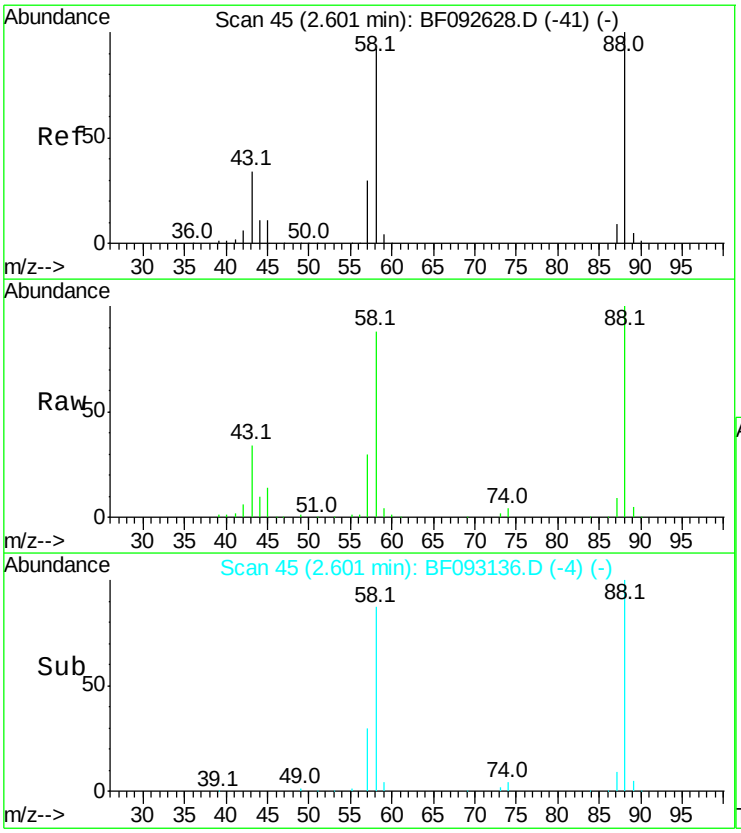
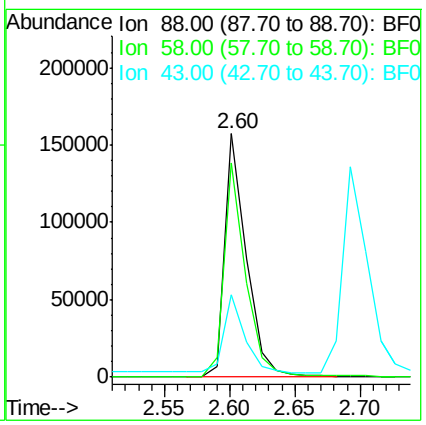
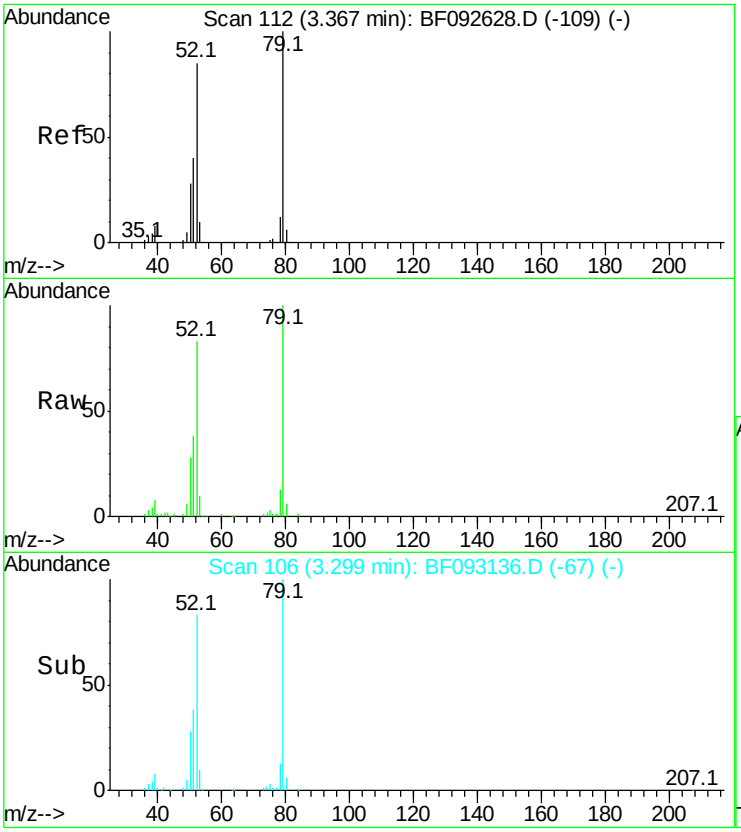


#2
1,4-Dioxane
Concen: 37.01 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.17 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 88 Resp: 182414

Ion	Ratio	Lower	Upper
88	100		
58	86.6	57.8	86.8
43	0.0	22.3	33.5#

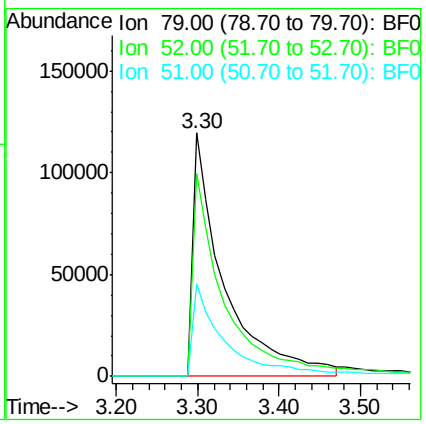




#3
Pyridine
Concen: 25.60 ng m
RT: 3.30 min Scan# 106
Delta R.T. 0.15 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 79 Resp: 320789

Ion	Ratio	Lower	Upper
79	100		
52	83.2	57.1	85.7
51	38.1	27.3	40.9



Instrument :
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ClientSampleId :
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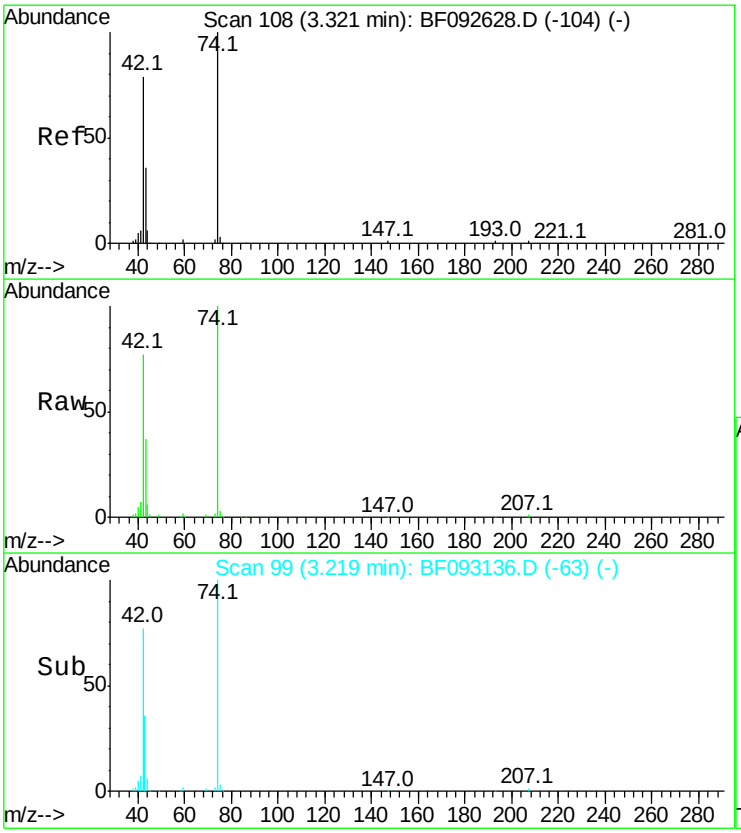
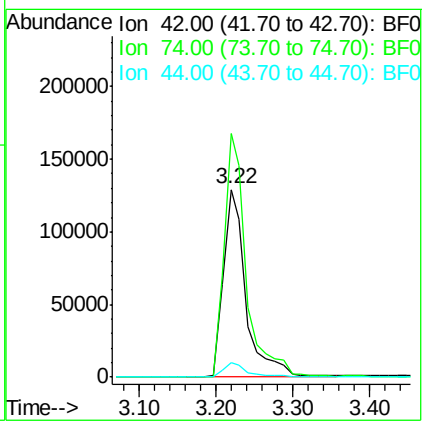
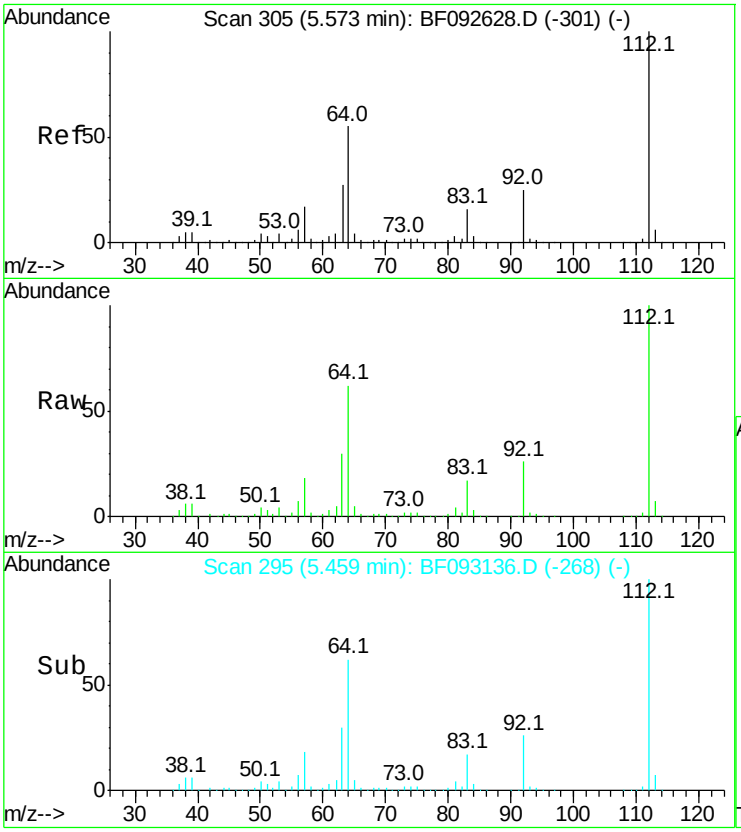


#4
n-Nitrosodimethylamine
Concen: 45.28 ng
RT: 3.22 min Scan# 99
Delta R.T. 0.11 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 42 Resp: 266445

Ion	Ratio	Lower	Upper
42	100		
74	129.6	117.0	175.4
44	7.9	5.5	8.3

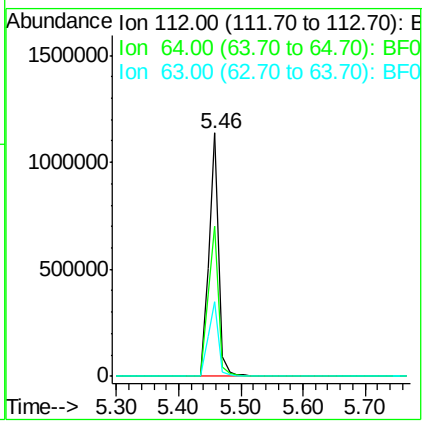




#5
2-Fluorophenol
Concen: 134.60 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:112 Resp: 1227726

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.1	69.1
63	30.4	23.8	35.6



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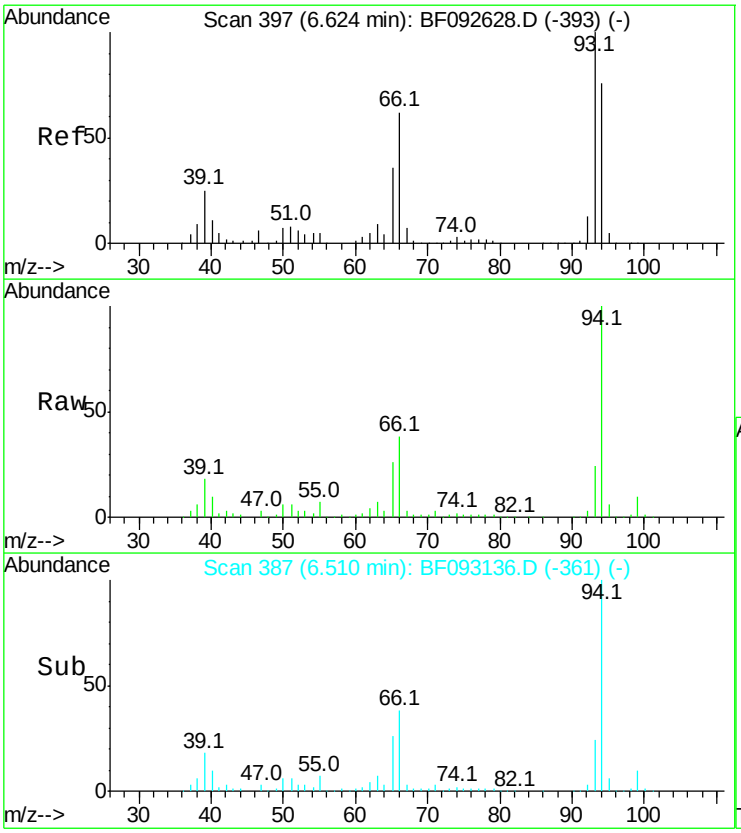
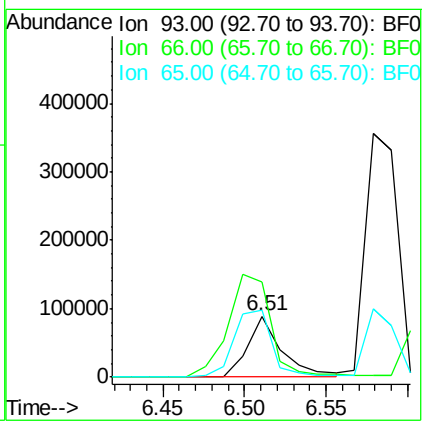
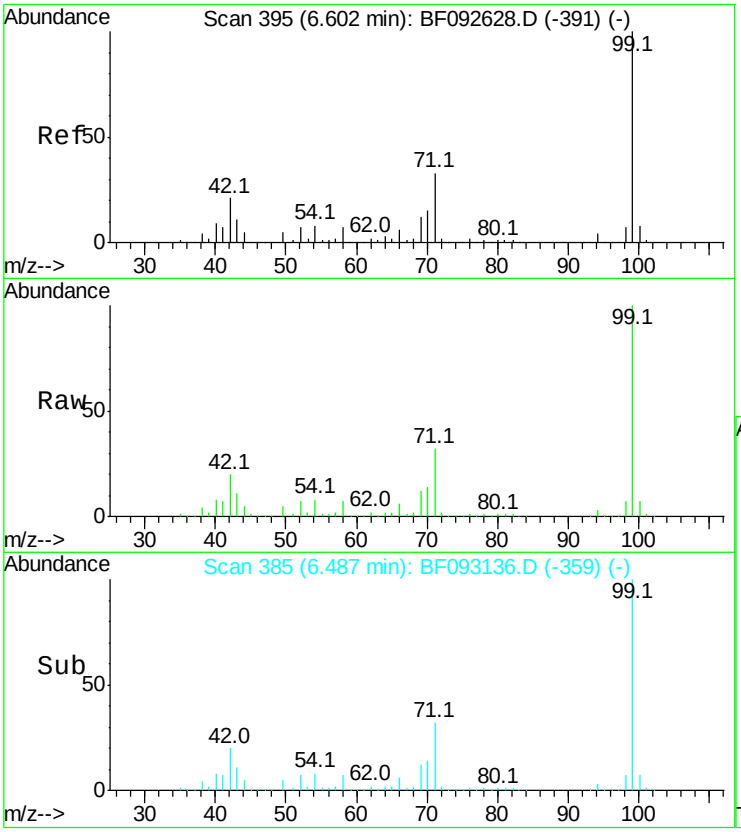


#6
Aniline
Concen: 8.27 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 93 Resp: 132403

Ion	Ratio	Lower	Upper
93	100		
66	156.2	76.2	114.2#
65	109.9	49.3	73.9#

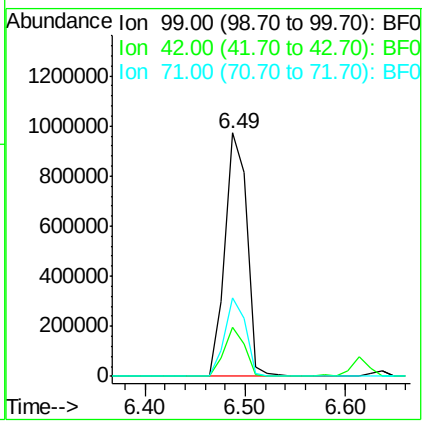




#7
Phenol-d6
Concen: 125.65 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 99 Resp: 1474579

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	32.4	27.5	41.3



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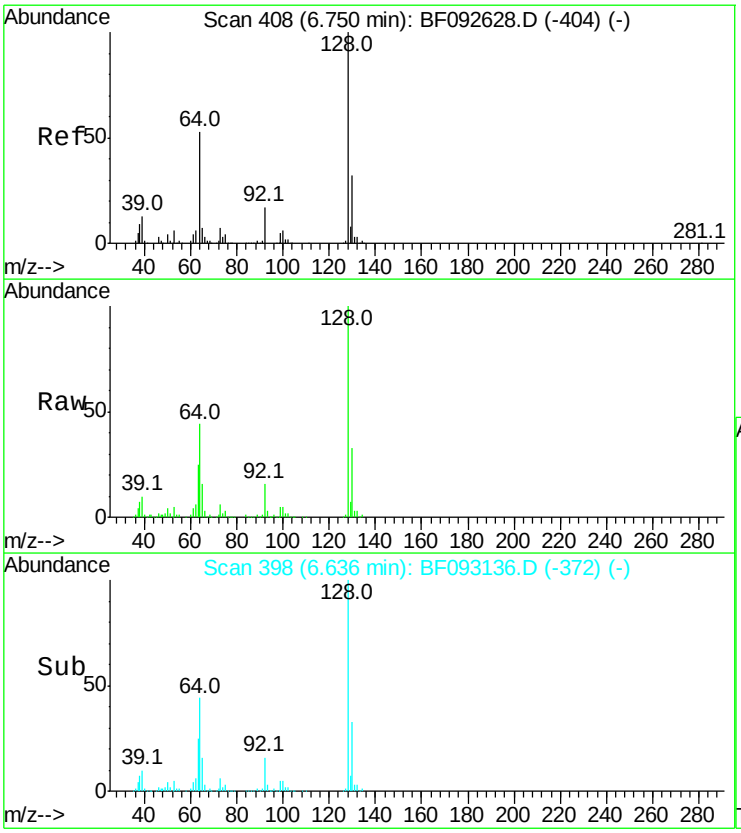
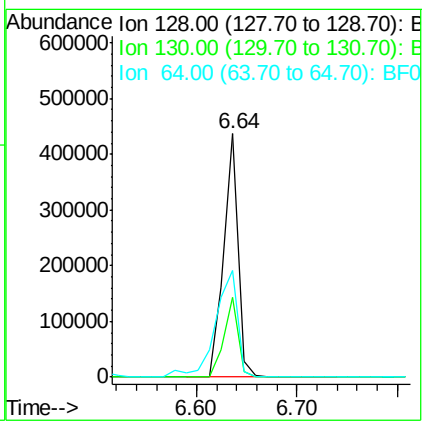
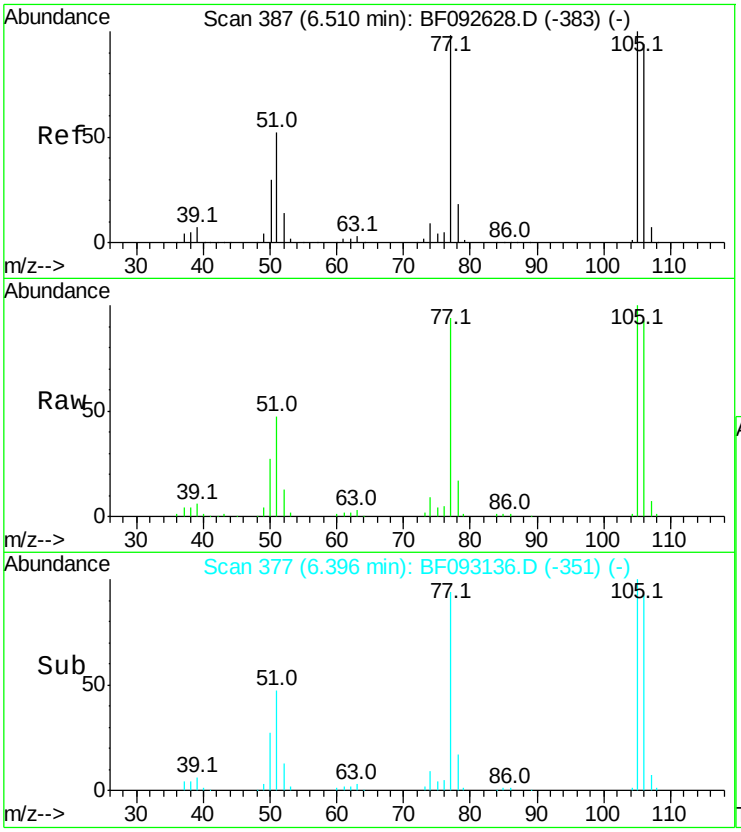


#8
2-Chlorophenol
Concen: 43.07 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:128 Resp: 433396

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	43.6	32.2	72.2

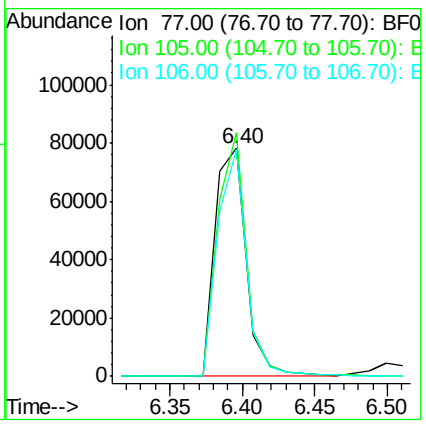




#9
Benzaldehyde
Concen: 13.89 ng
RT: 6.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 77 Resp: 116751

Ion	Ratio	Lower	Upper
77	100		
105	106.8	83.9	123.9
106	99.8	77.6	117.6



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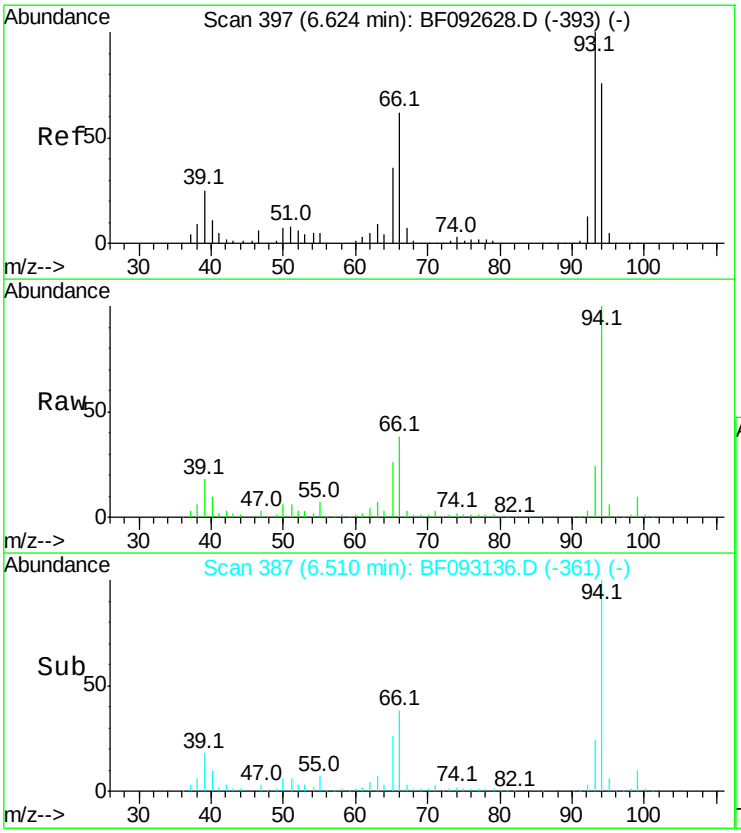
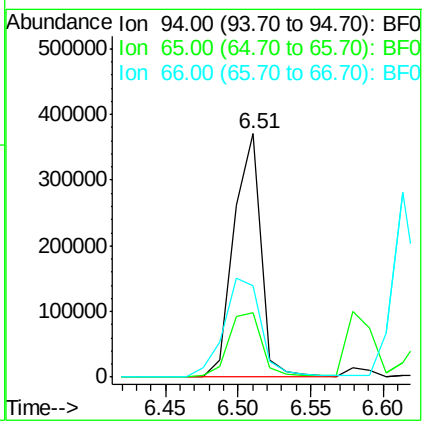
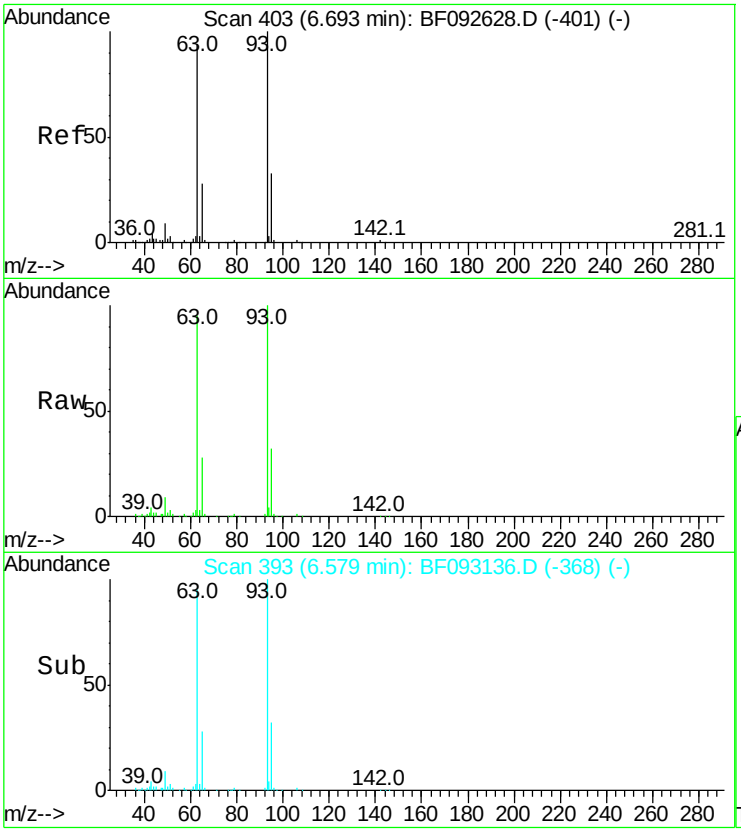


#10
Phenol
Concen: 34.86 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 94 Resp: 478637

Ion	Ratio	Lower	Upper
94	100		
65	26.4	21.4	61.4
66	37.6	44.0	84.0#

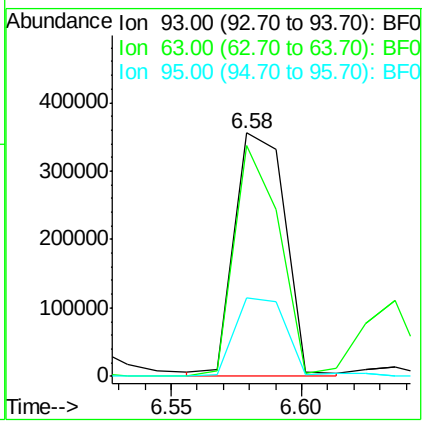




#11
bis(2-Chloroethyl)ether
Concen: 44.19 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 93 Resp: 484369

Ion	Ratio	Lower	Upper
93	100		
63	94.6	60.4	100.4
95	32.3	12.8	52.8



Instrument :
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ClientSampleId :
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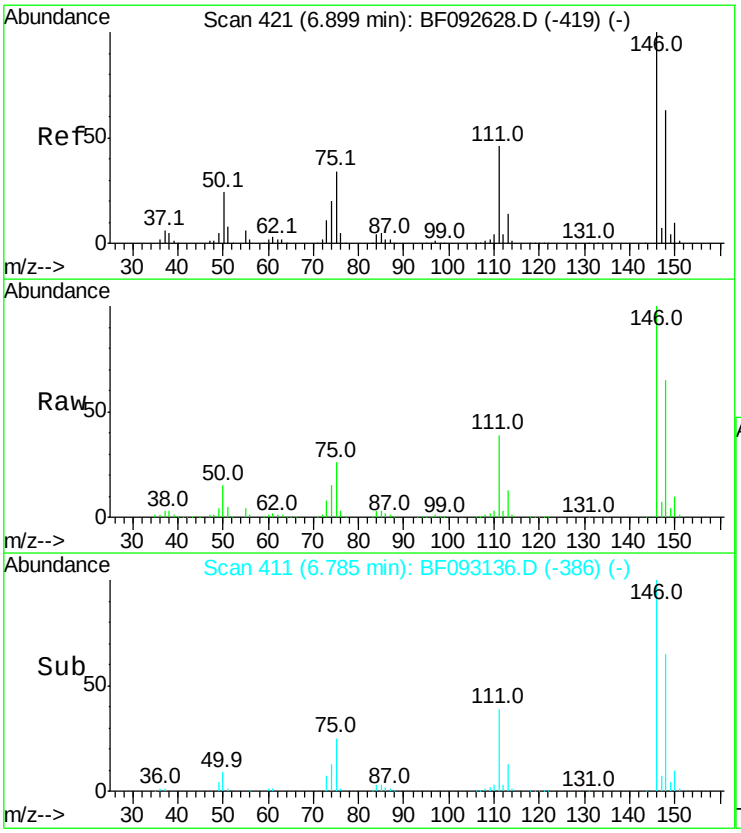
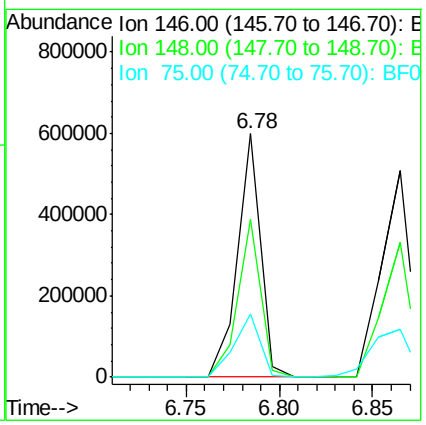
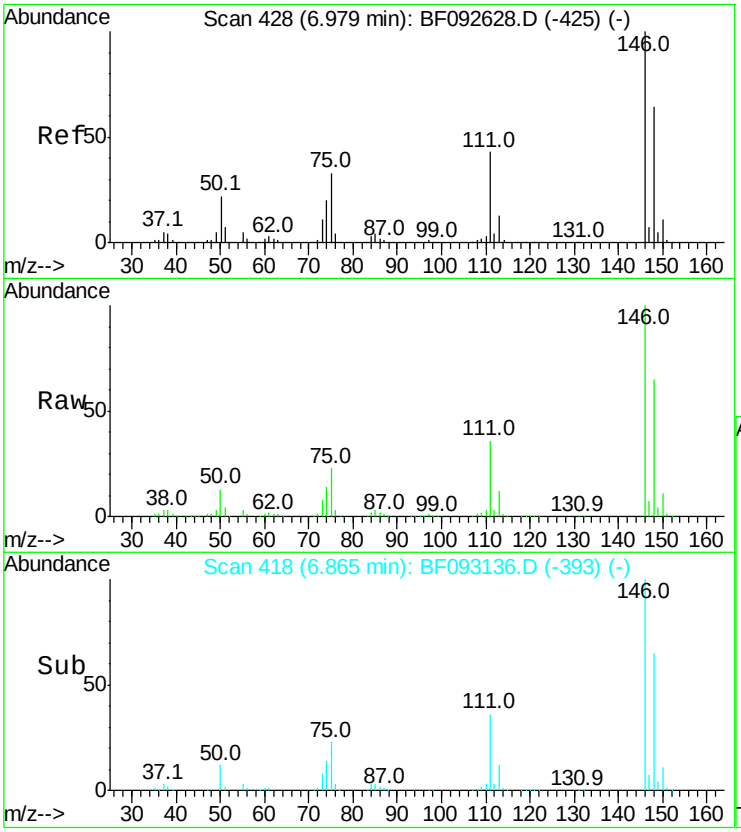


#12
1,3-Dichlorobenzene
Concen: 44.08 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:146 Resp: 519535

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	26.0	18.5	27.7

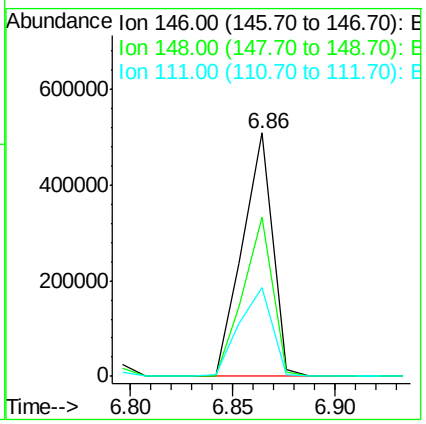




#13
1,4-Dichlorobenzene
Concen: 43.87 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:146 Resp: 523267

Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
111	36.2	36.2	54.4#



Instrument :
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ClientSampleId :
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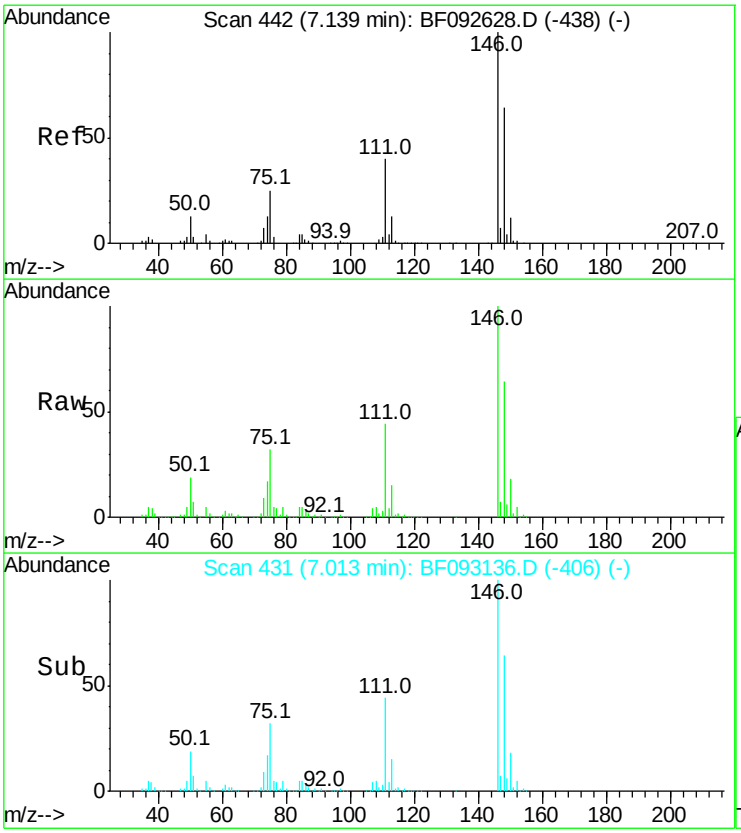
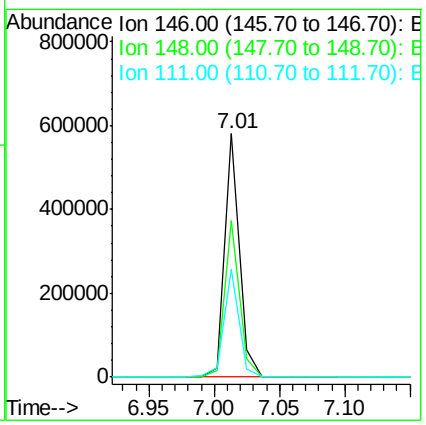
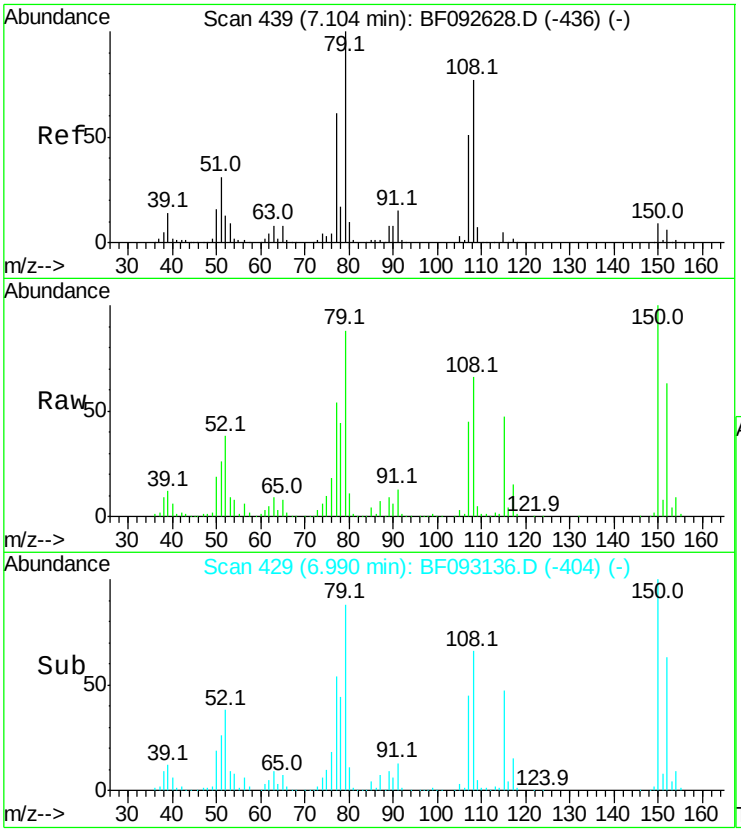


#14
1,2-Dichlorobenzene
Concen: 40.53 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:146 Resp: 462272

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	44.4	36.2	54.2

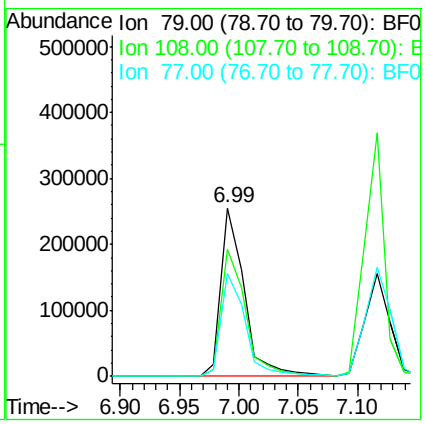




#15
Benzyl Alcohol
Concen: 40.10 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 79 Resp: 348398

Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.4	92.0
77	61.2	50.9	76.3



Instrument :
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ClientSampleId :
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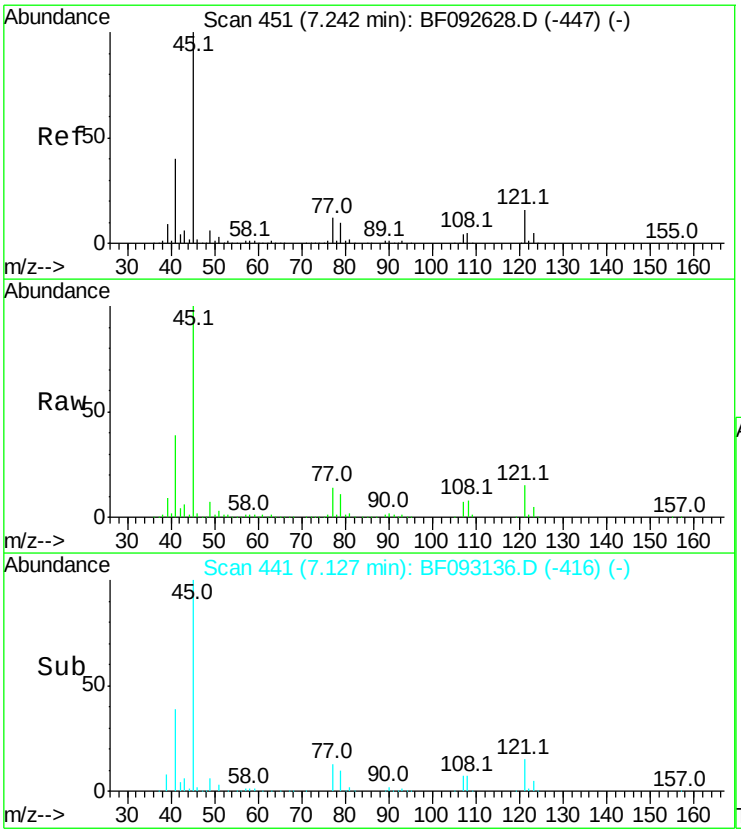
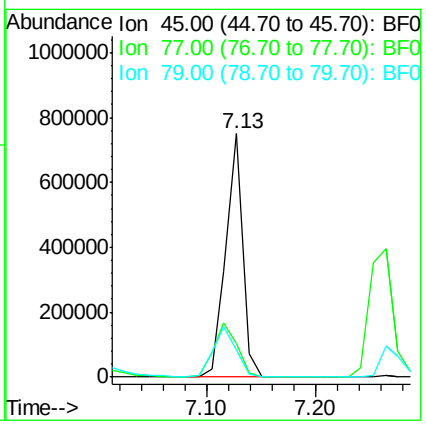
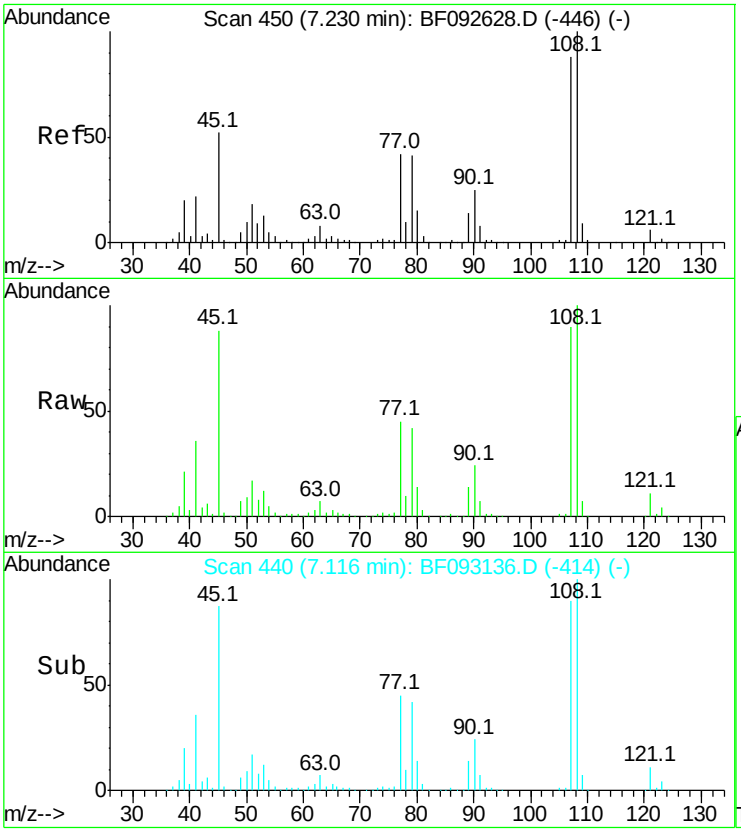


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.45 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 45 Resp: 808248

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.6
79	11.0	0.0	31.2

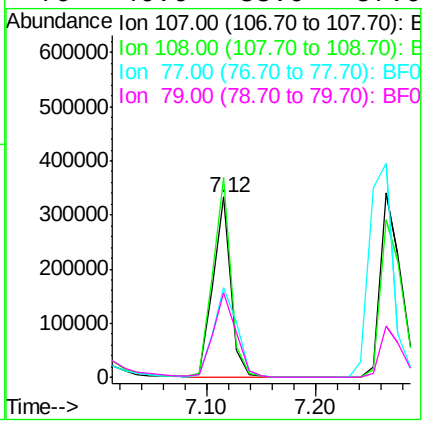




#17
2-Methylphenol
Concen: 44.42 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:107 Resp: 383492

Ion	Ratio	Lower	Upper
107	100		
108	110.8	93.0	139.6
77	49.8	39.8	59.8
79	46.6	38.0	57.0



Instrument :
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ClientSampleId :
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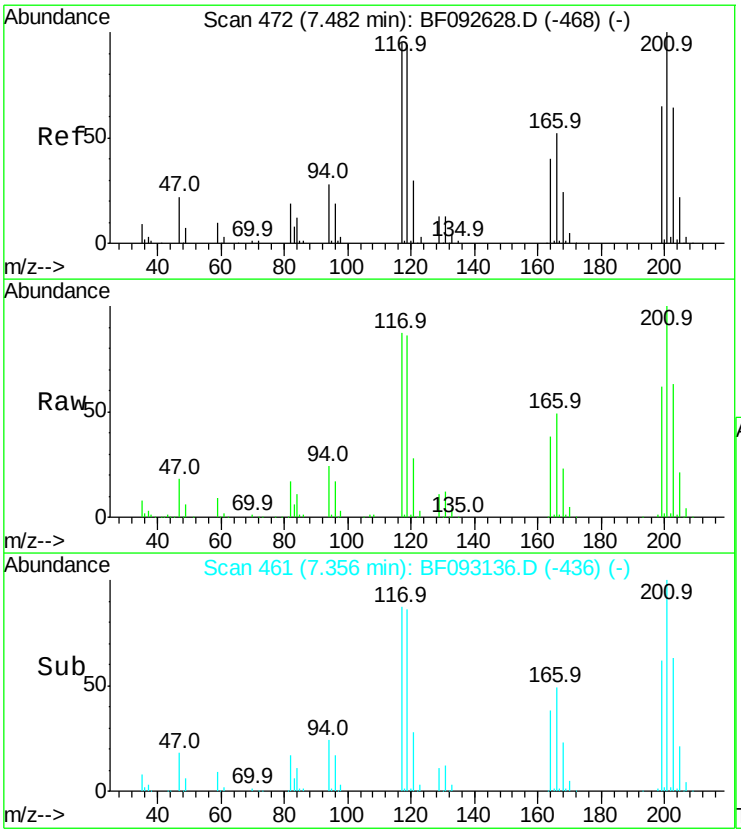
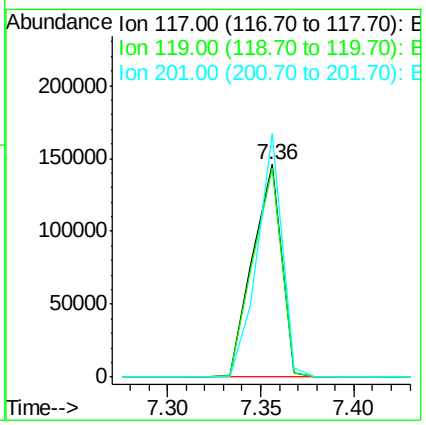
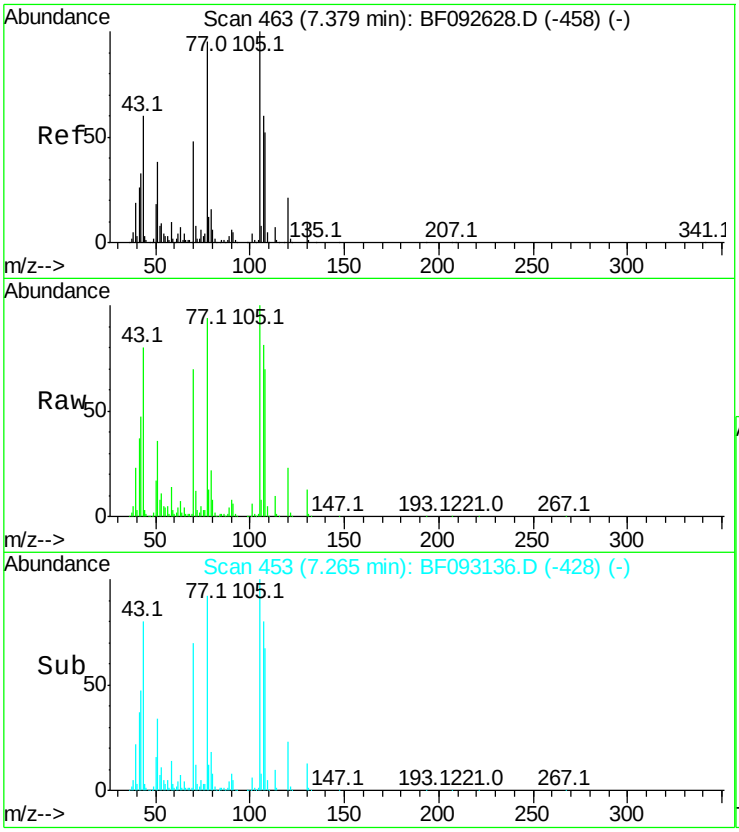


#18
Hexachloroethane
Concen: 38.23 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:117 Resp: 155672

Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.1	117.1
201	114.5	78.6	117.8

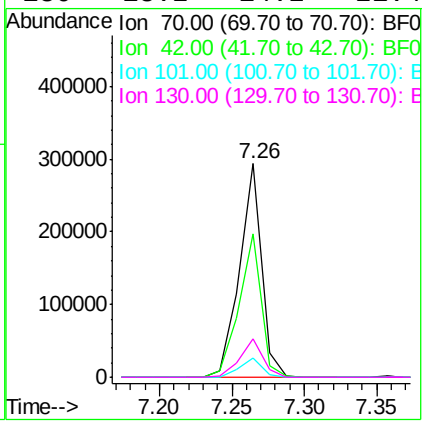




#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 70 Resp: 310684

Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.4	74.0
101	9.0	7.4	11.2
130	18.2	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
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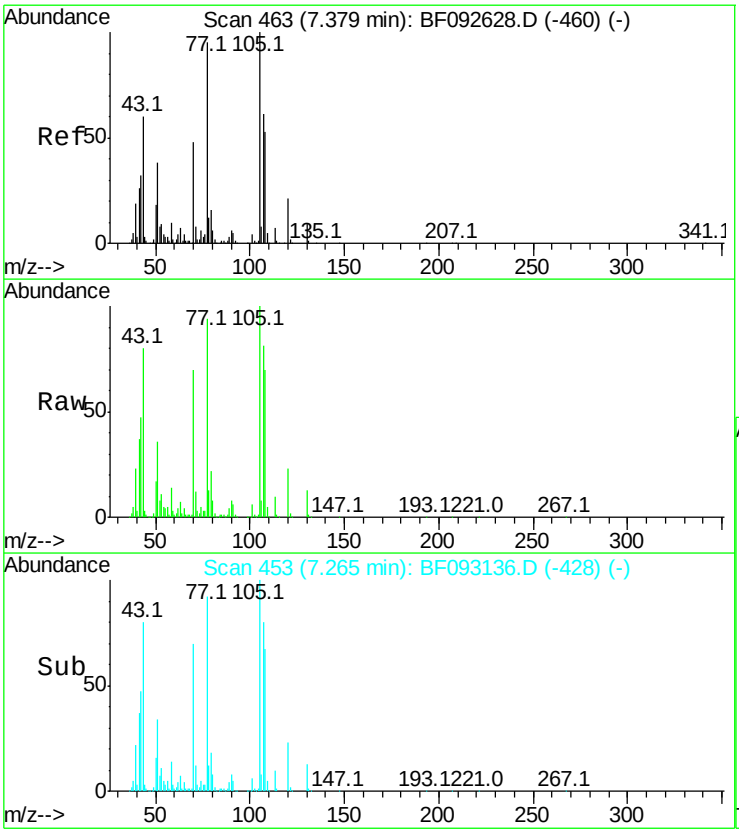
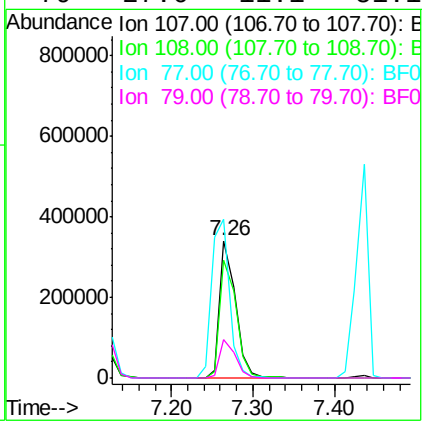
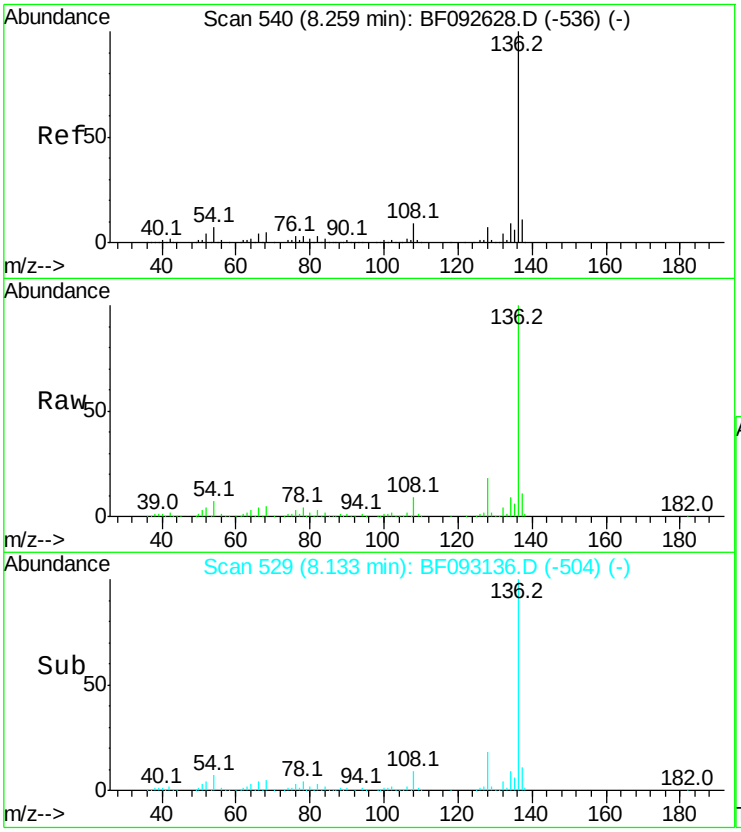


#20
3+4-Methylphenols
Concen: 44.04 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:107 Resp: 454605

Ion	Ratio	Lower	Upper
107	100		
108	85.8	73.0	113.0
77	115.9	71.3	111.3#
79	27.6	11.1	51.1

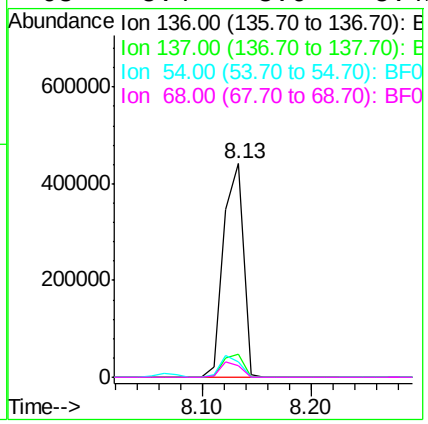




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:136 Resp: 561234

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.2	4.5	6.7#
68	5.4	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
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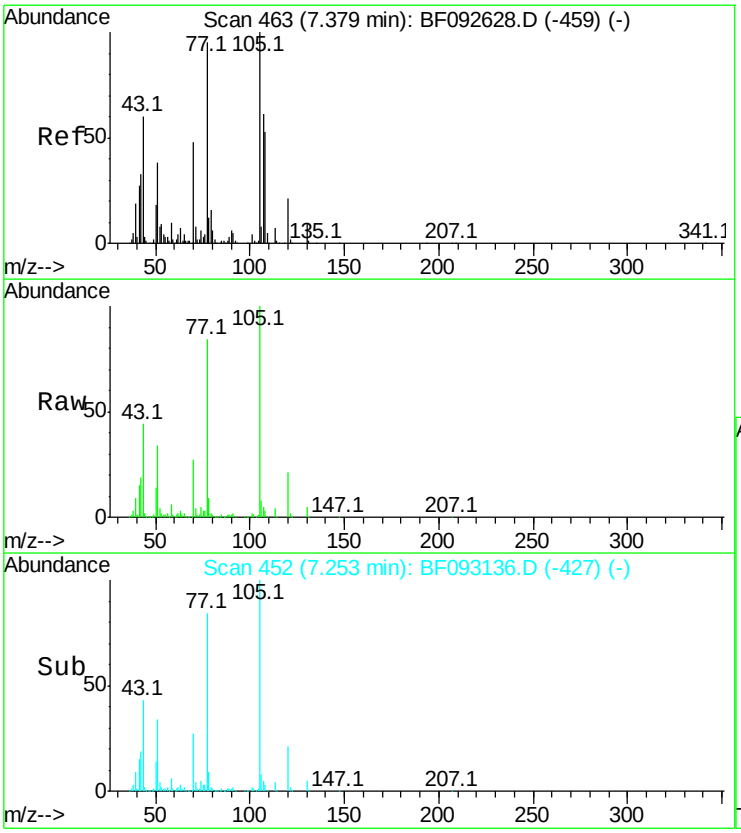
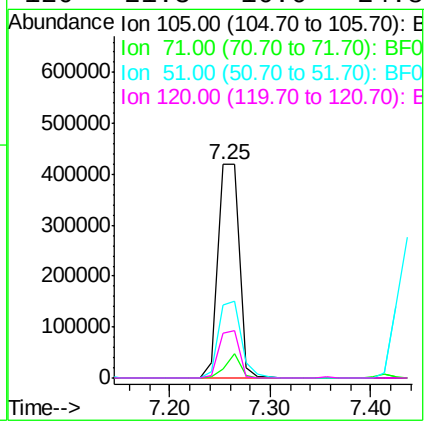
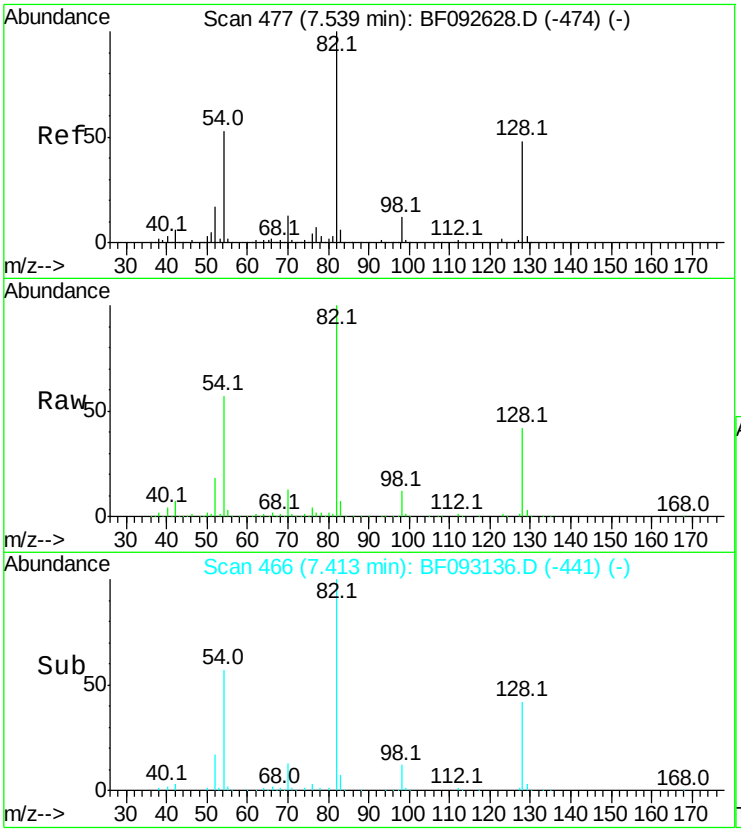


#22
Acetophenone
Concen: 47.91 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:105 Resp: 613875

Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.2	4.8
51	34.4	26.2	39.4
120	21.3	16.6	24.8

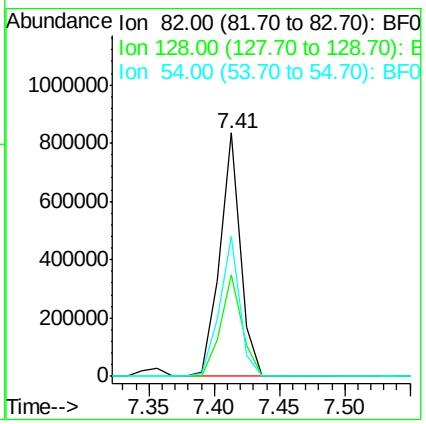




#23
Nitrobenzene-d5
Concen: 91.72 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 82 Resp: 924356

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.4	39.5	59.3



Instrument :
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ClientSampleId :
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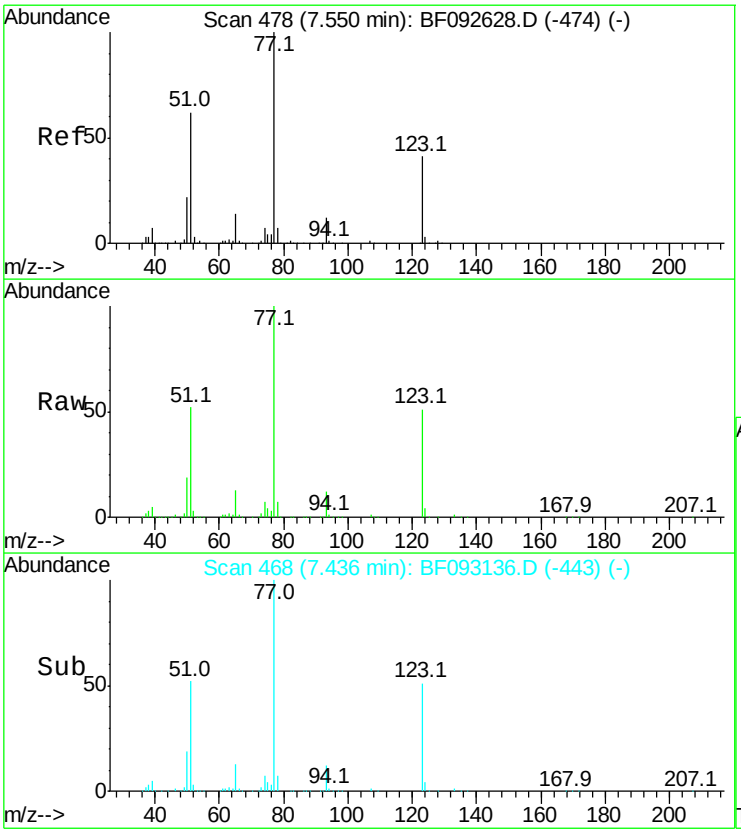
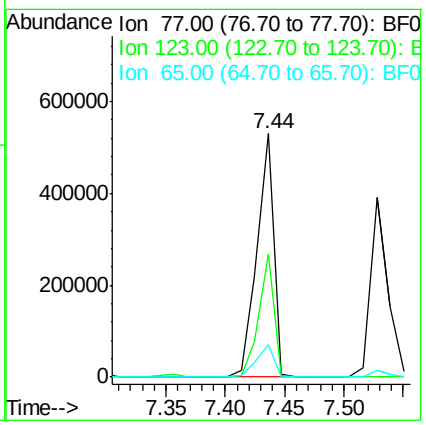
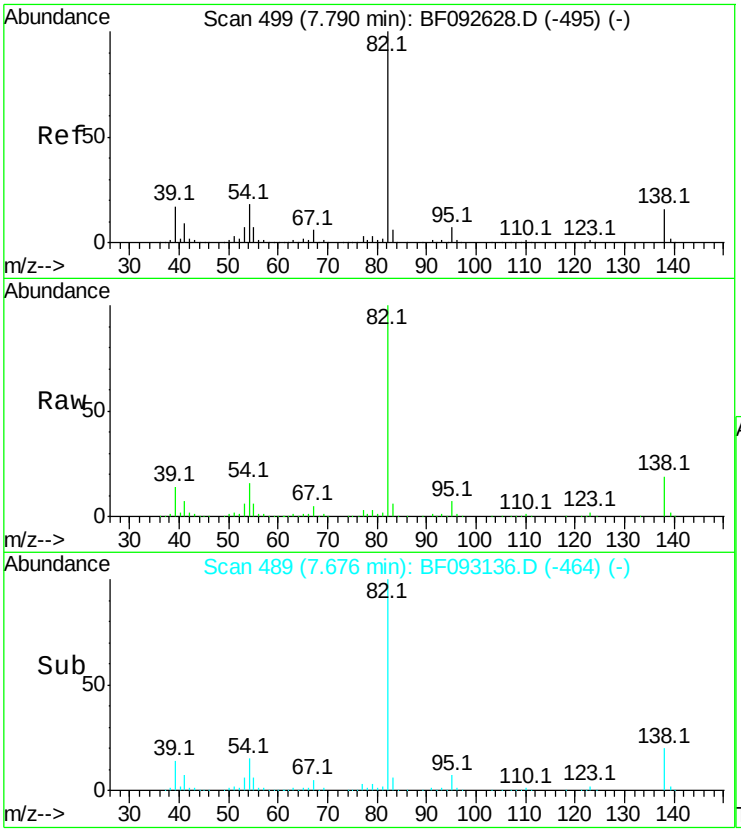


#24
Nitrobenzene
Concen: 51.07 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 77 Resp: 528470

Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.4#
65	13.1	11.2	16.8

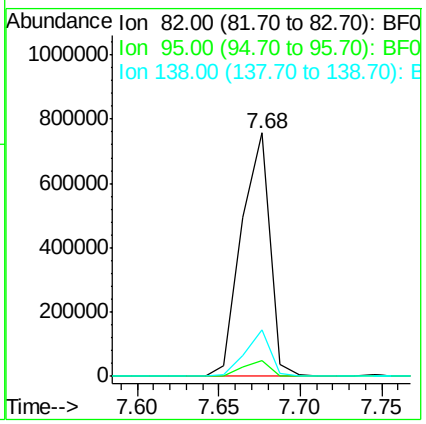




#25
Isophorone
Concen: 48.53 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 82 Resp: 911478

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	19.2	14.6	22.0



Instrument :
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ClientSampleId :
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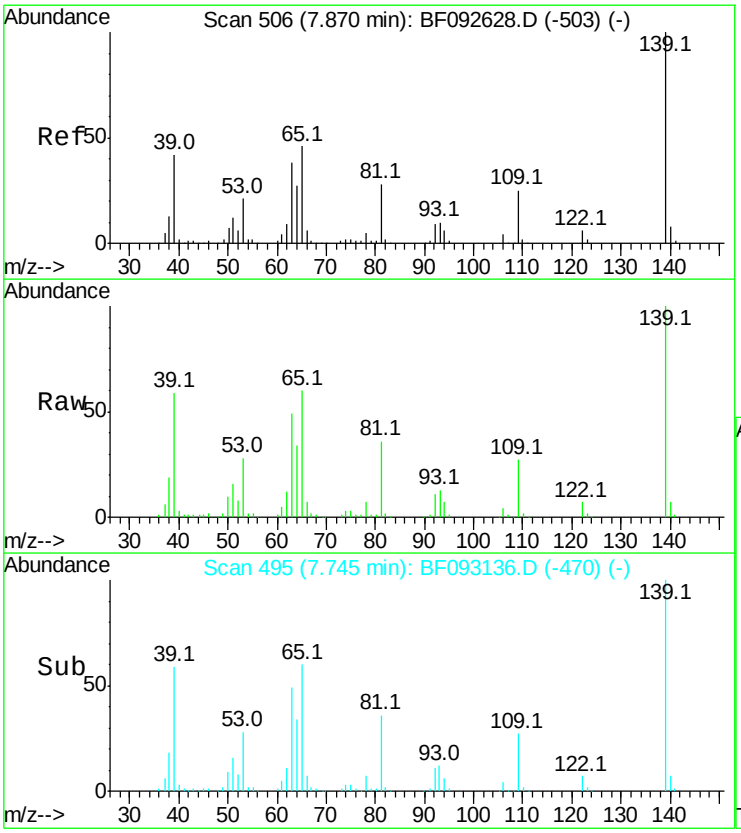
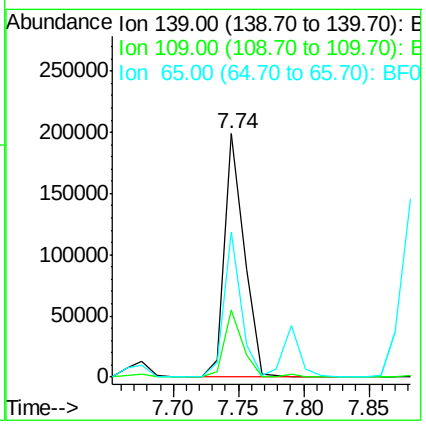
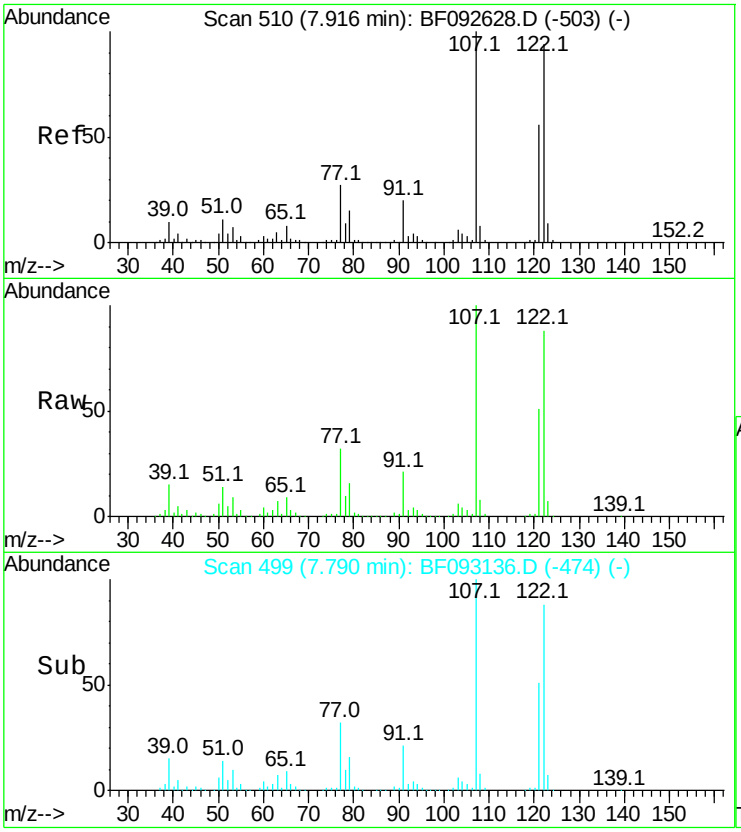


#26
2-Nitrophenol
Concen: 42.55 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:139 Resp: 209332

Ion	Ratio	Lower	Upper
139	100		
109	27.3	23.3	34.9
65	59.8	42.7	64.1

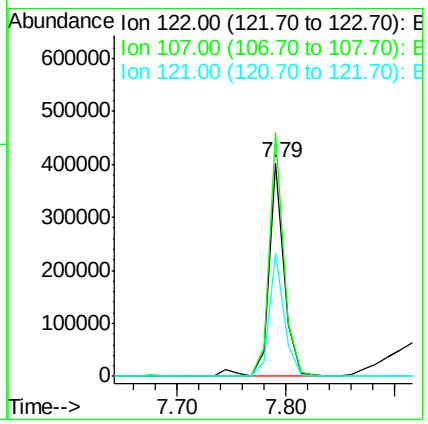




#27
2,4-Dimethylphenol
Concen: 45.81 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:122 Resp: 395787

Ion	Ratio	Lower	Upper
122	100		
107	114.1	94.1	141.1
121	57.9	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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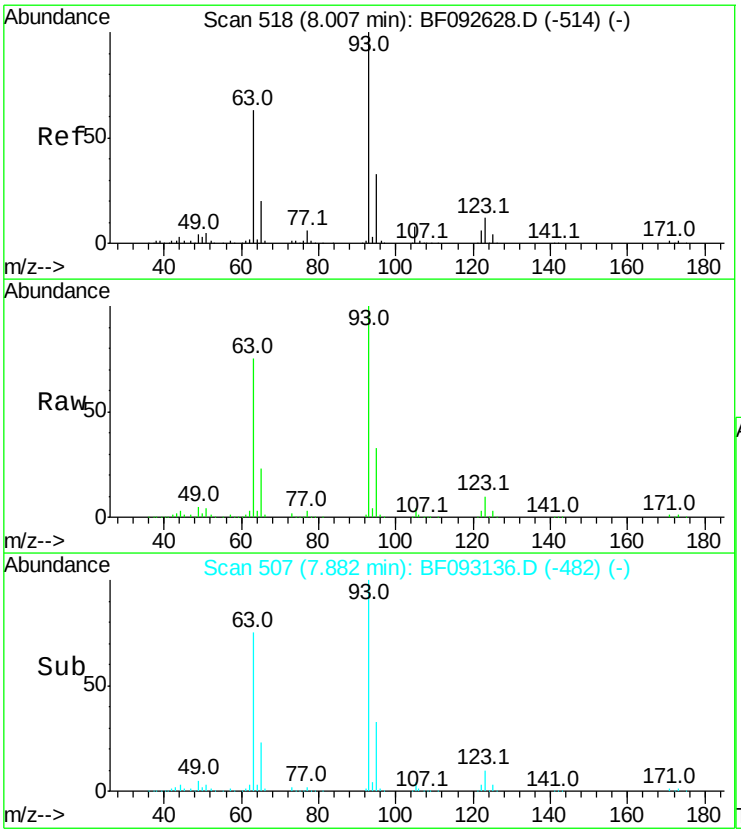
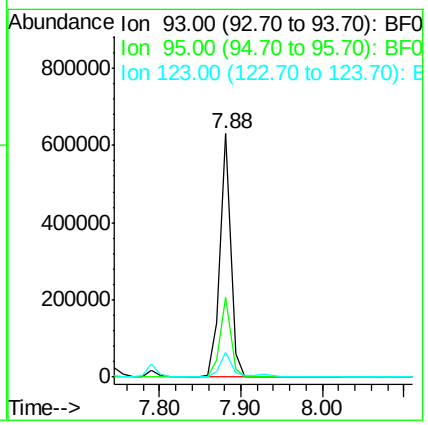
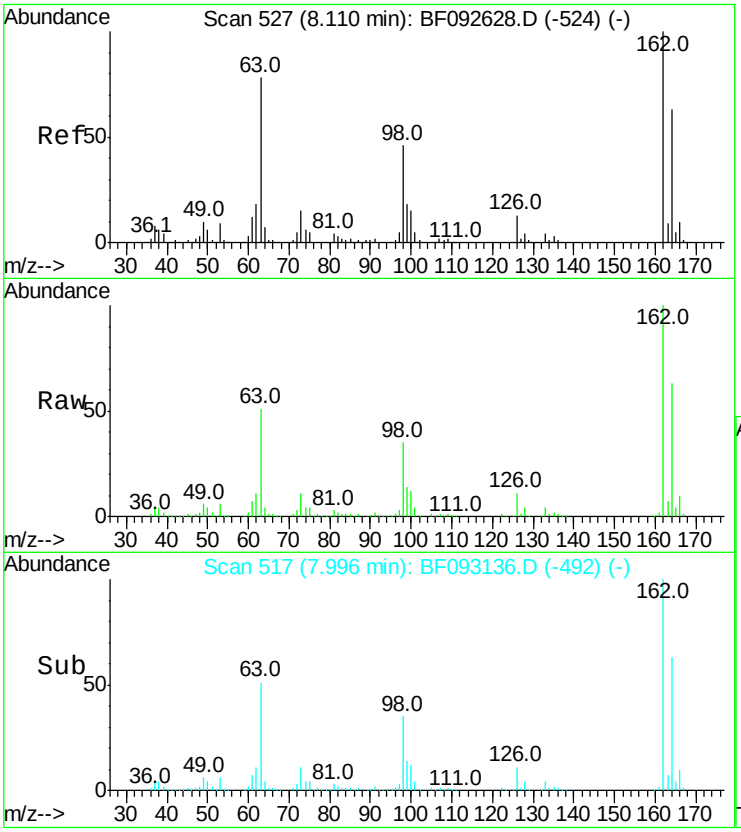


#28
bis(2-Chloroethoxy)methane
Concen: 46.62 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 93 Resp: 579842

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.1	8.6	13.0

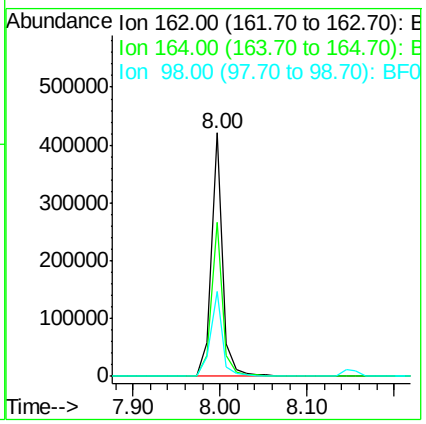




#29
2,4-Dichlorophenol
Concen: 47.53 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:162 Resp: 382955

Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.8	86.8
98	34.8	9.1	49.1



Instrument :
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ClientSampleId :
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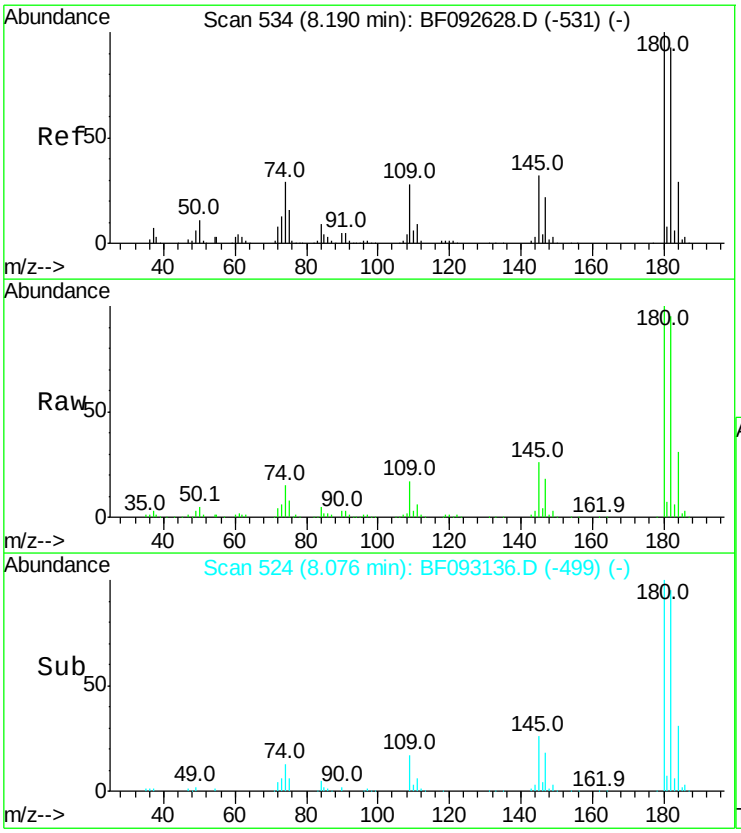
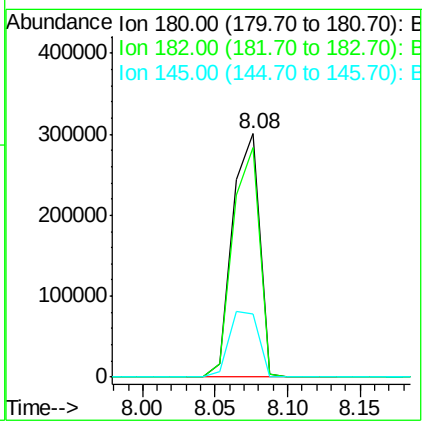
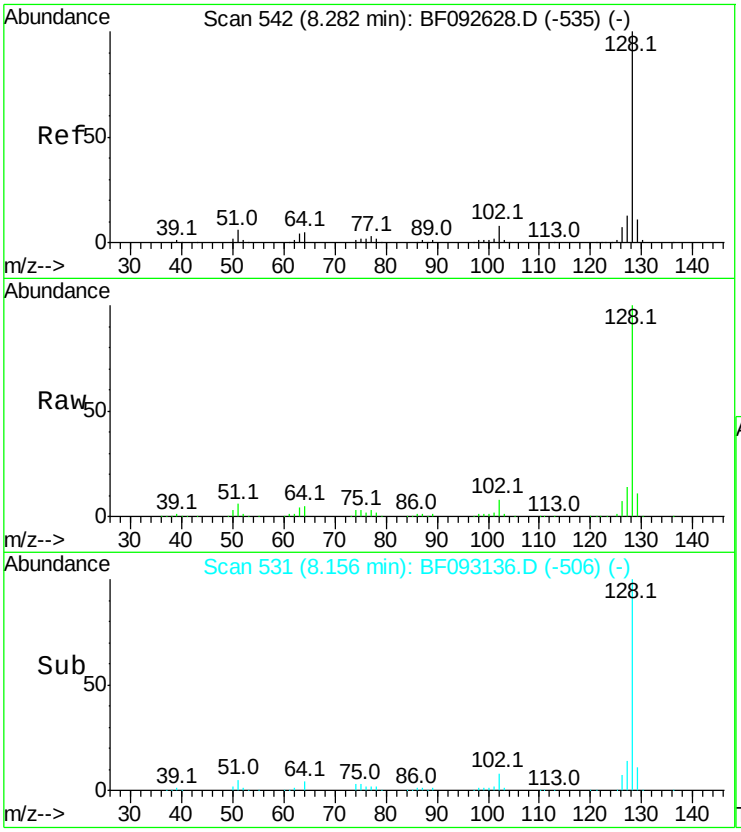


#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:180 Resp: 388593

Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.2	117.4
145	26.1	21.6	32.4

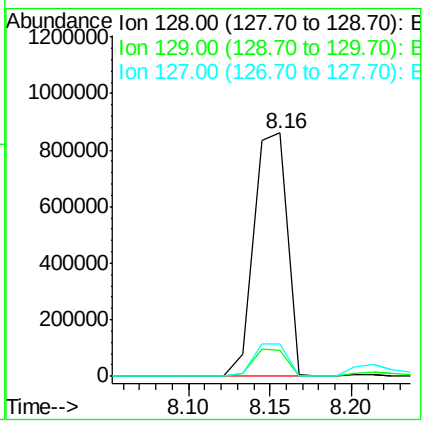




#31
Naphthalene
Concen: 43.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:128 Resp: 1224805

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.6	10.8	16.2



Instrument :
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ClientSampleId :
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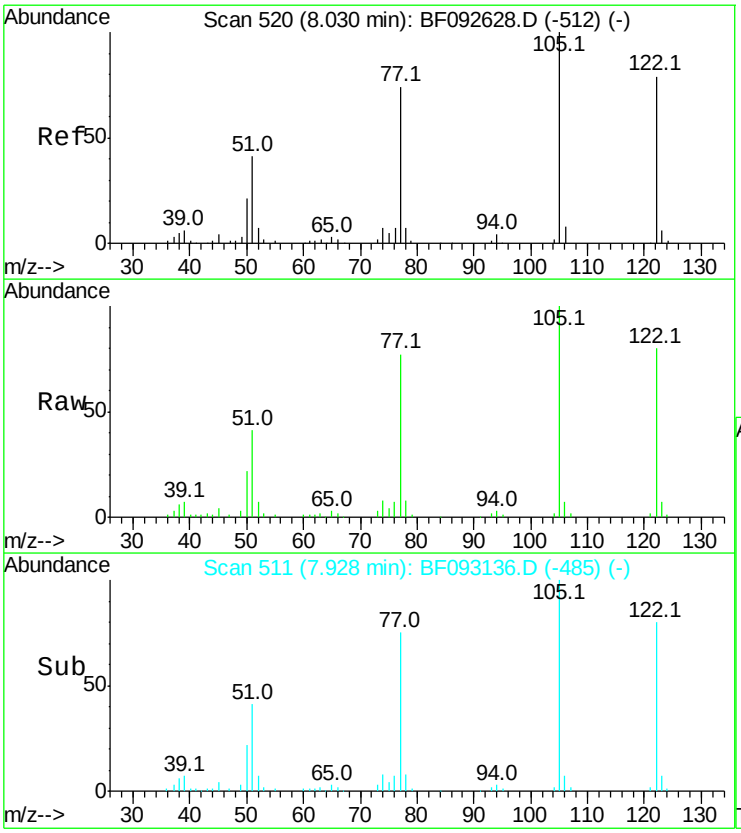
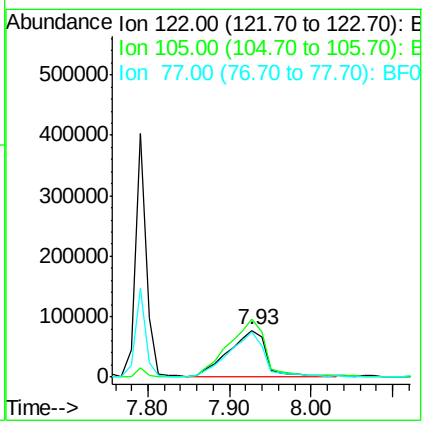
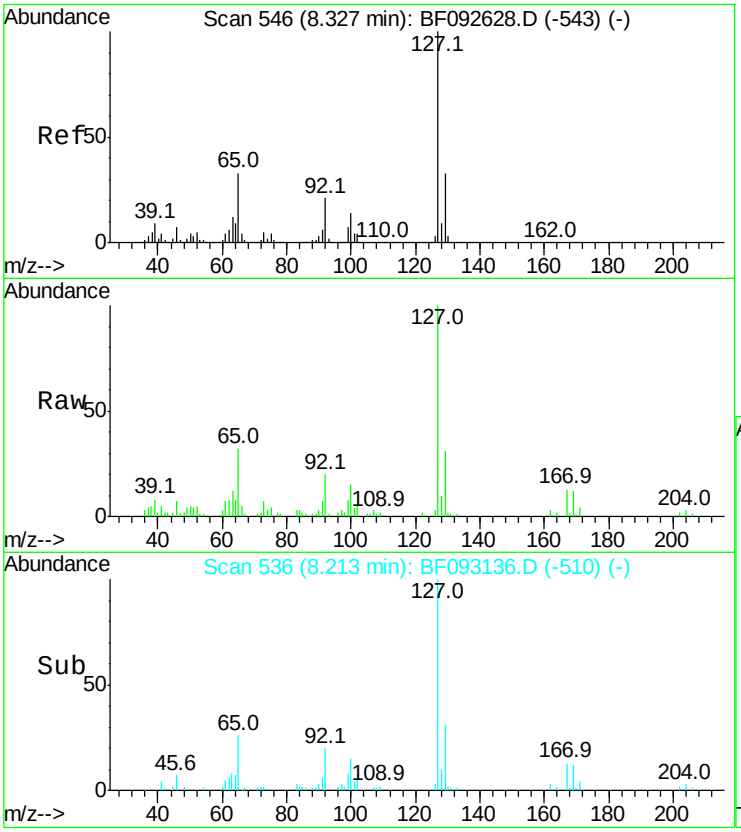


#32
Benzoic acid
Concen: 49.31 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:122 Resp: 242522

Ion	Ratio	Lower	Upper
122	100		
105	124.4	107.2	147.2
77	95.3	74.5	114.5

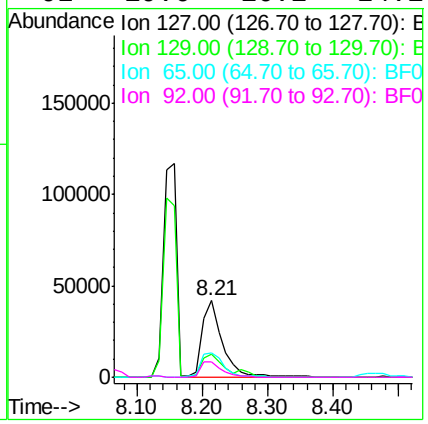




#33
4-Chloroaniline
Concen: 8.15 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:127 Resp: 90982

Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	31.9	25.8	38.8
92	19.6	16.1	24.1



Instrument :
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ClientSampleId :
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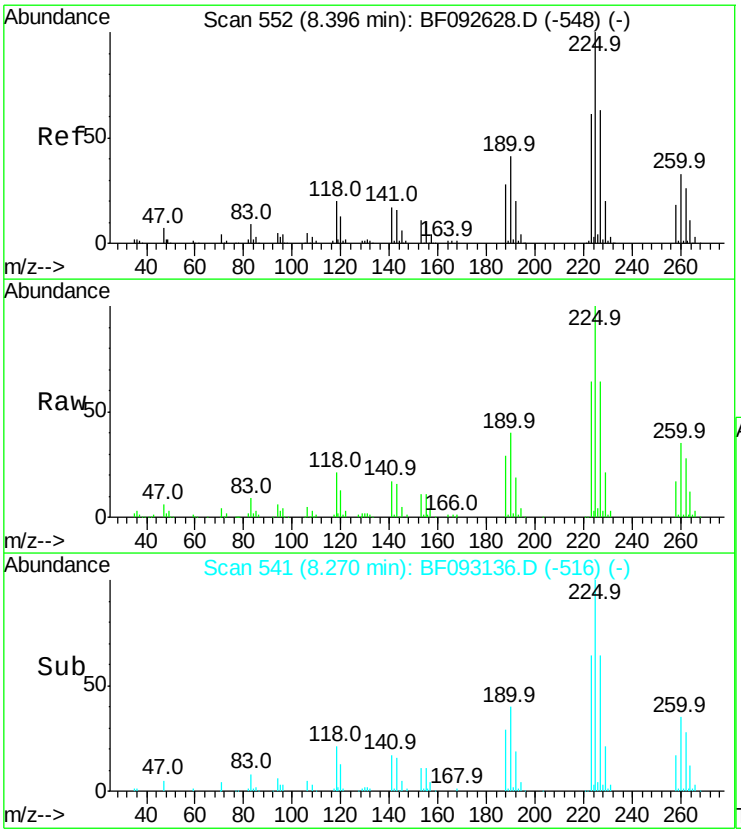
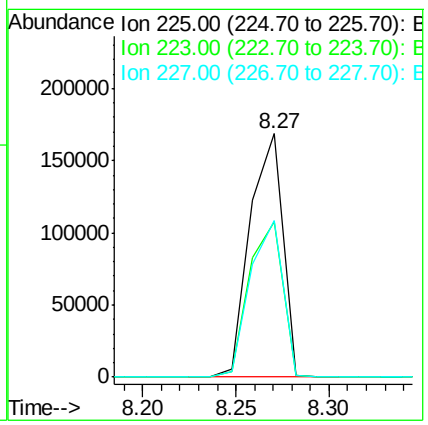
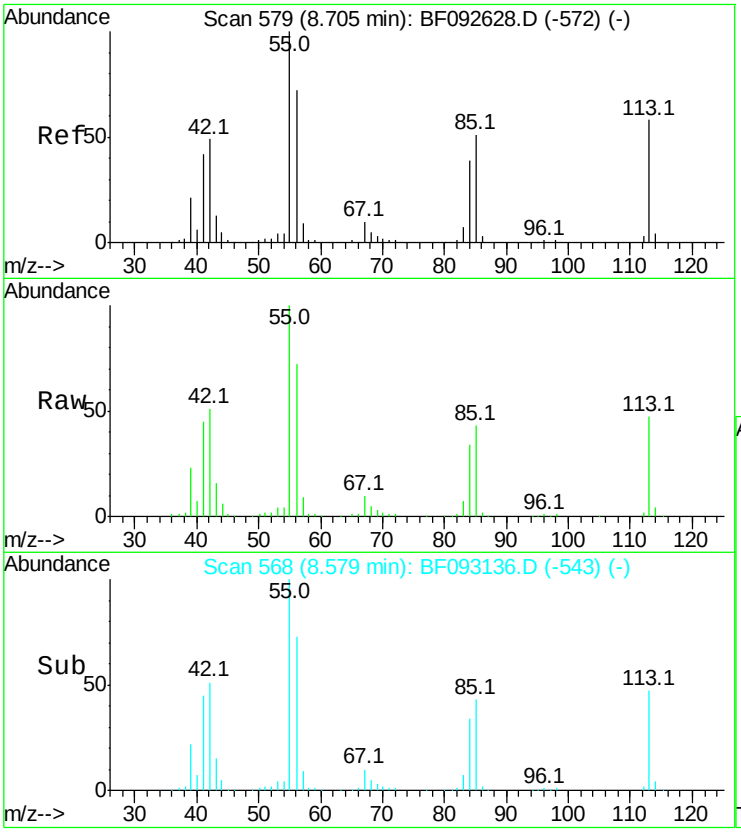


#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:225 Resp: 204678

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.4	50.6	76.0

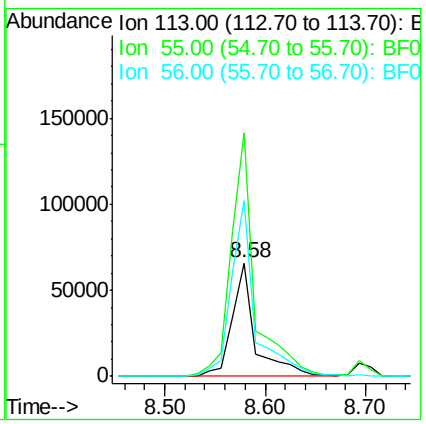




#35
Caprolactam
Concen: 40.76 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:113 Resp: 103297

Ion	Ratio	Lower	Upper
113	100		
55	215.0	119.2	159.2#
56	155.7	83.8	123.8#



Instrument :
BNA_F
ClientSampleId :
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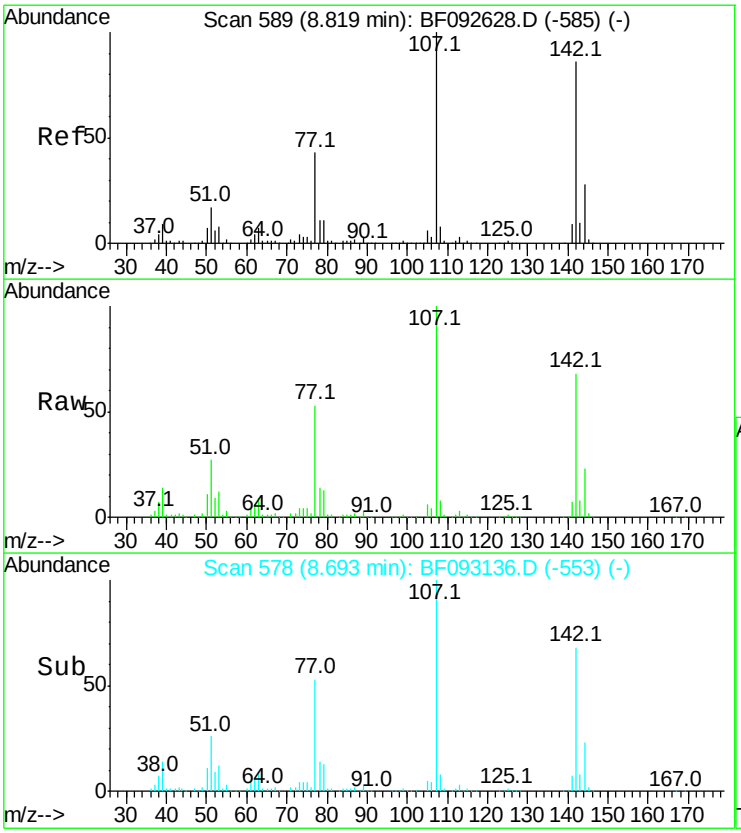
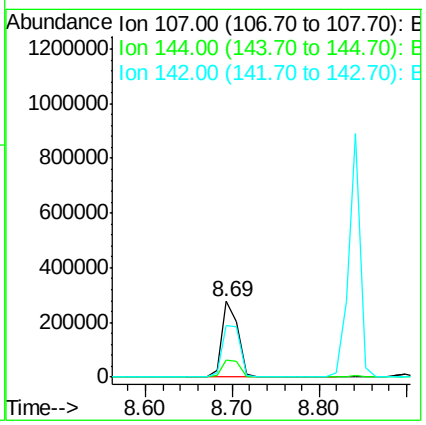
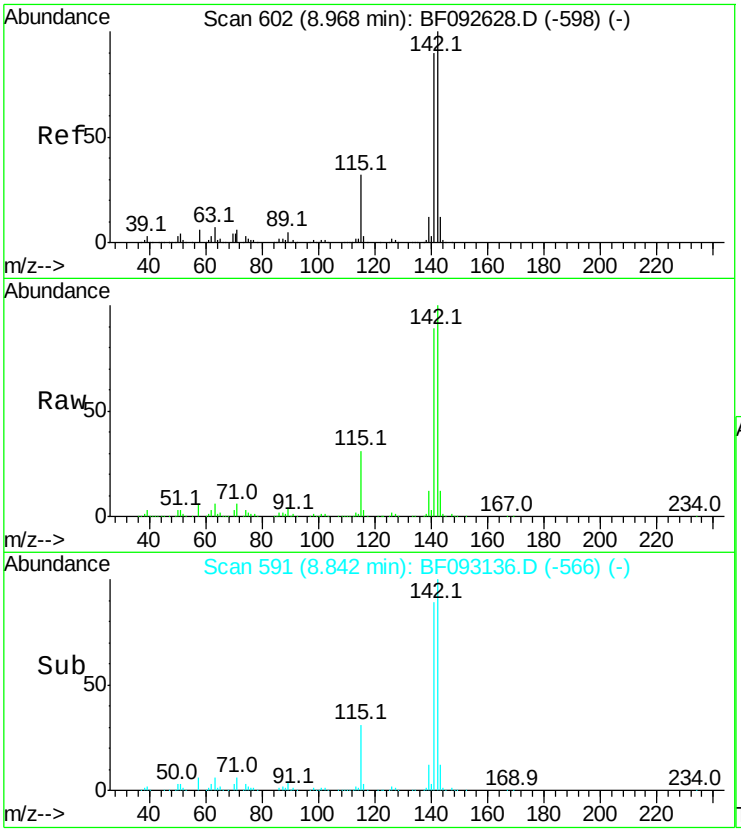


#36
4-Chloro-3-methylphenol
Concen: 42.85 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:107 Resp: 359943

Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.3	28.9
142	68.5	59.0	88.6

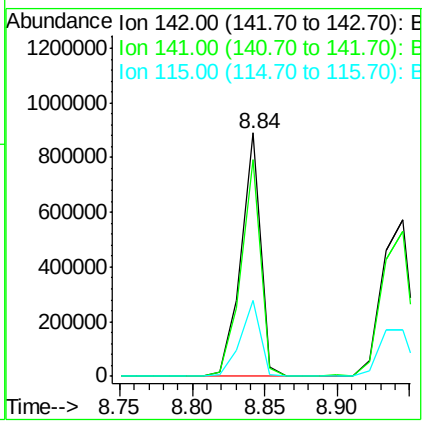




#37
2-Methylnaphthalene
Concen: 45.88 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:142 Resp: 838119

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	31.5	28.3	42.5



Instrument :
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ClientSampleId :
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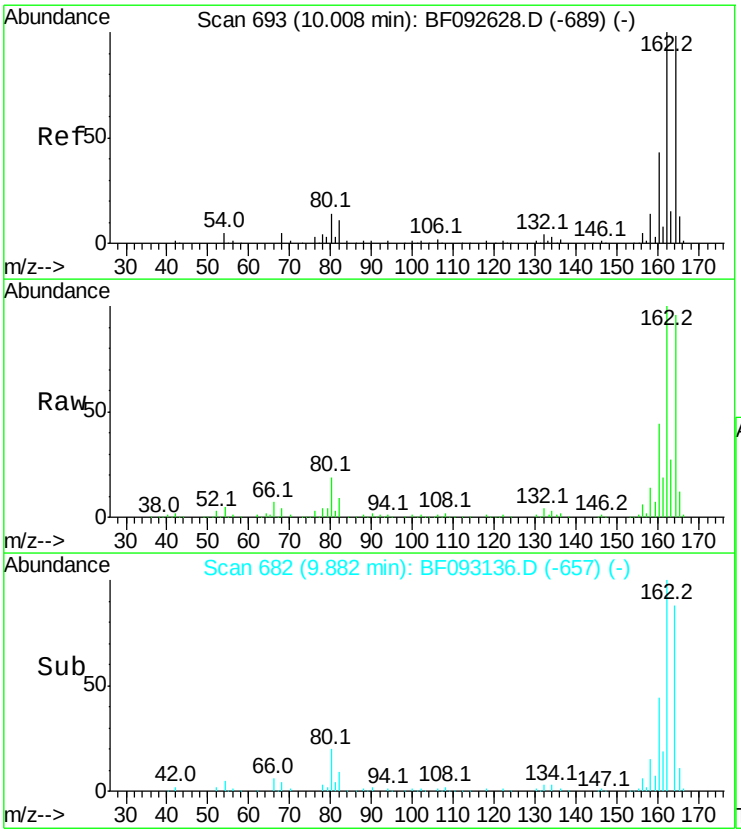
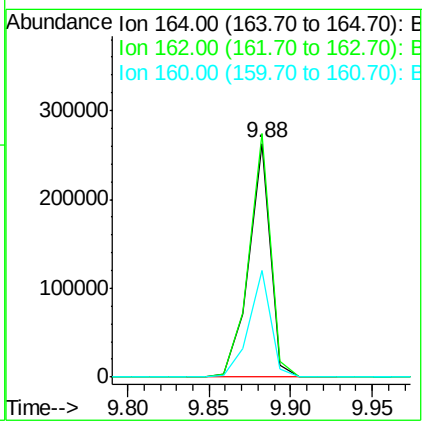
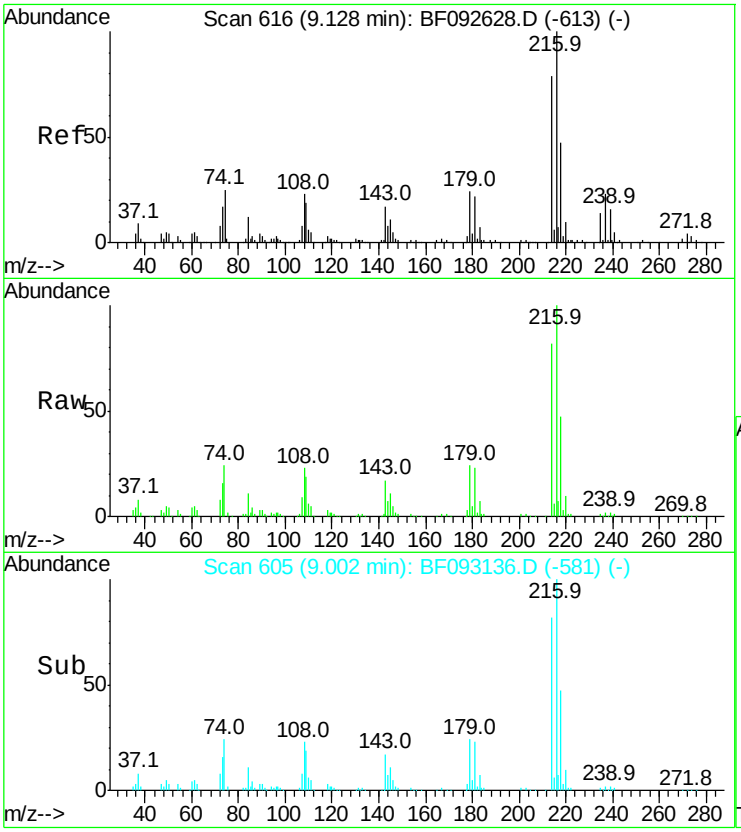


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:164 Resp: 241408

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	45.9	36.9	55.3

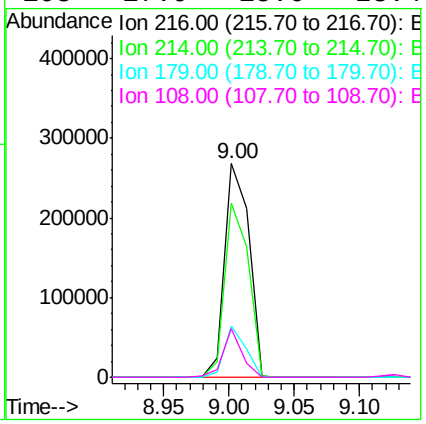




#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.29 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:216 Resp: 347548

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	20.8	17.4	26.2
108	17.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
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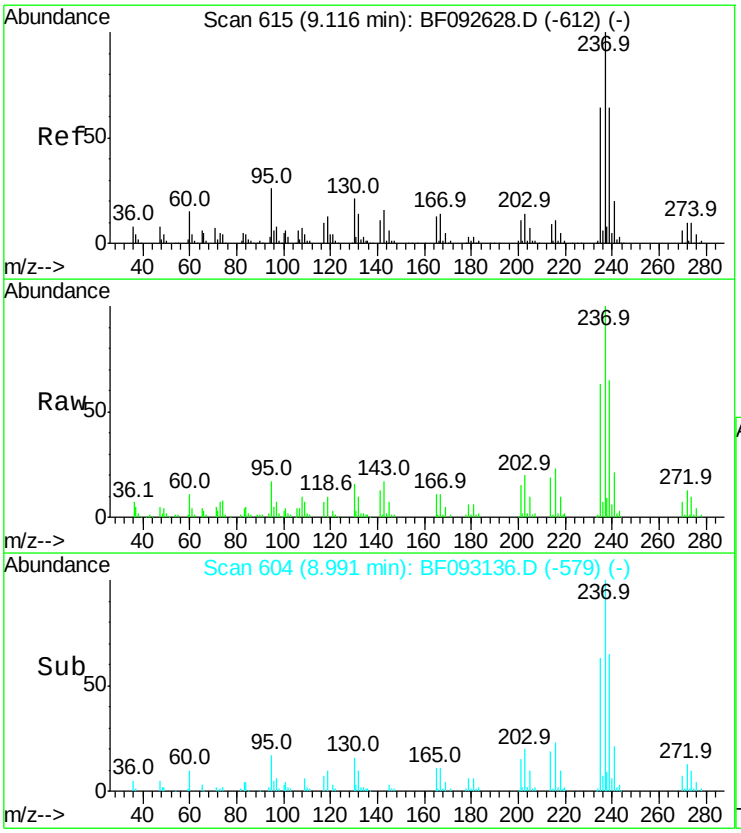
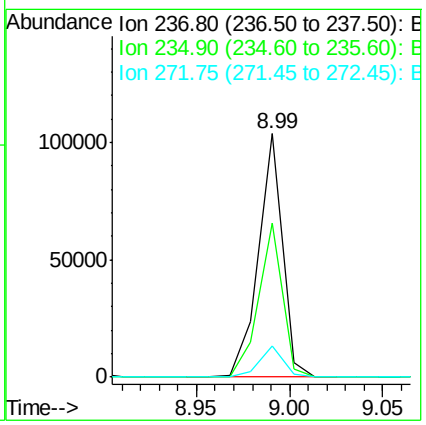
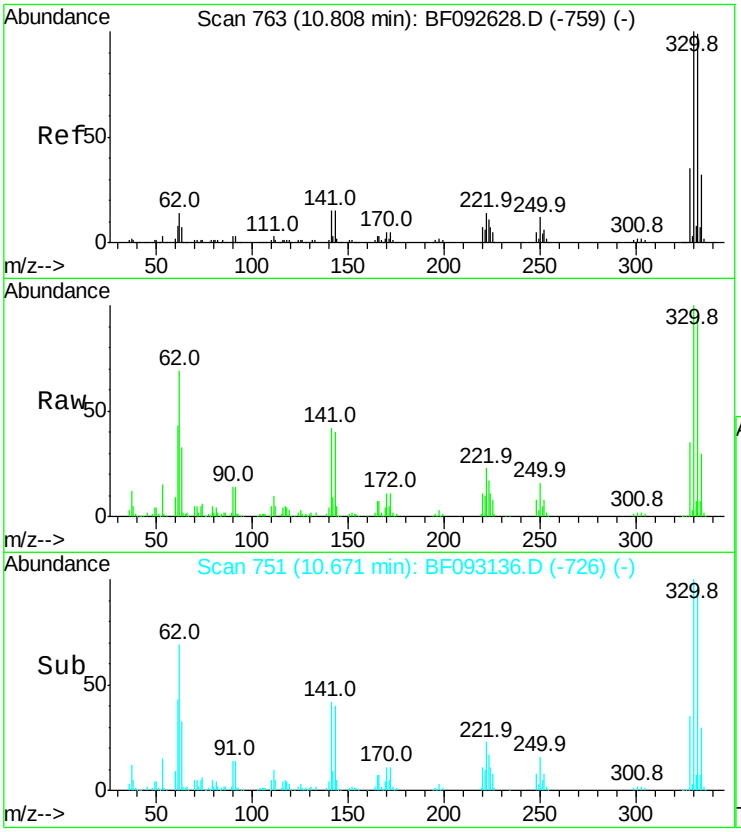


#40
Hexachlorocyclopentadiene
Concen: 30.15 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:237 Resp: 92176

Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	12.9	0.0	35.4

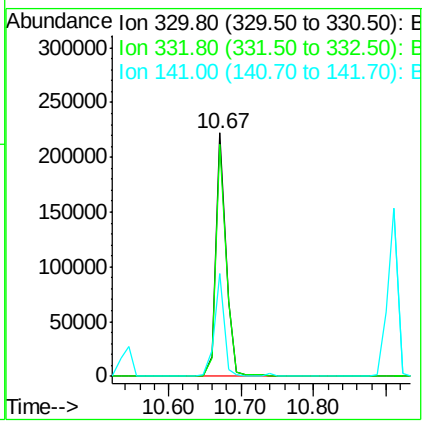




#41
2,4,6-Tribromophenol
Concen: 125.89 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:330 Resp: 219814

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	39.7	34.1	51.1



Instrument :
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ClientSampleId :
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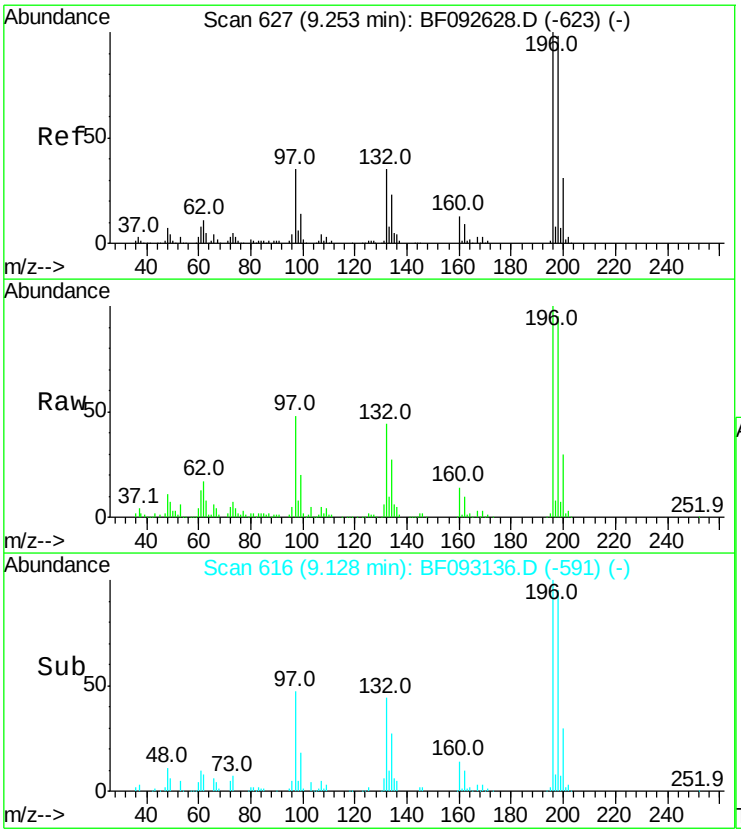
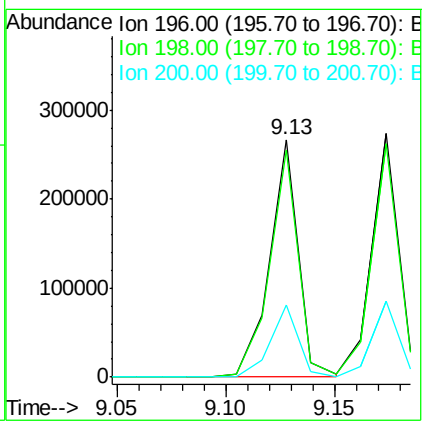
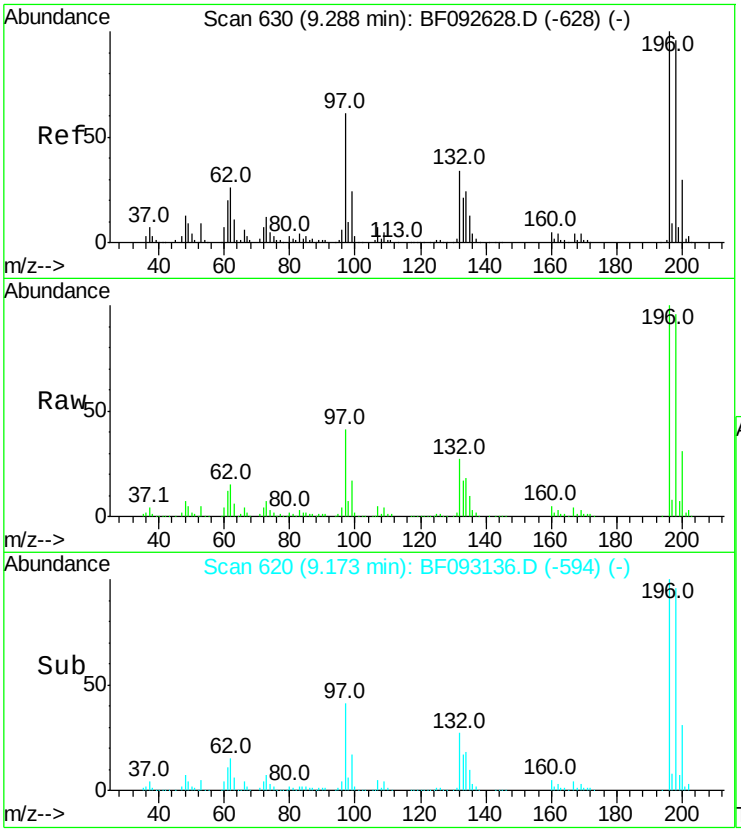


#42
2,4,6-Trichlorophenol
Concen: 55.54 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:196 Resp: 247285

Ion	Ratio	Lower	Upper
196	100		
198	95.4	82.1	123.1
200	30.2	27.0	40.4

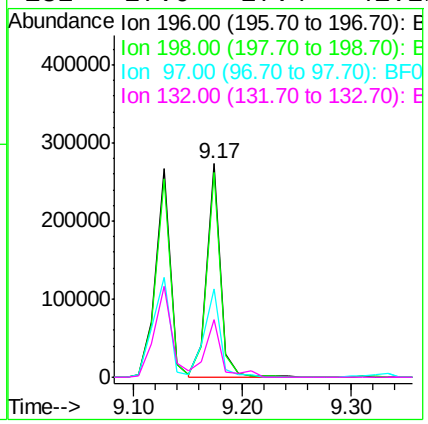




#43
2,4,5-Trichlorophenol
Concen: 49.82 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:196 Resp: 243052

Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.4	119.2
97	41.3	51.5	77.3#
132	27.0	27.4	41.2#



Instrument :
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ClientSampleId :
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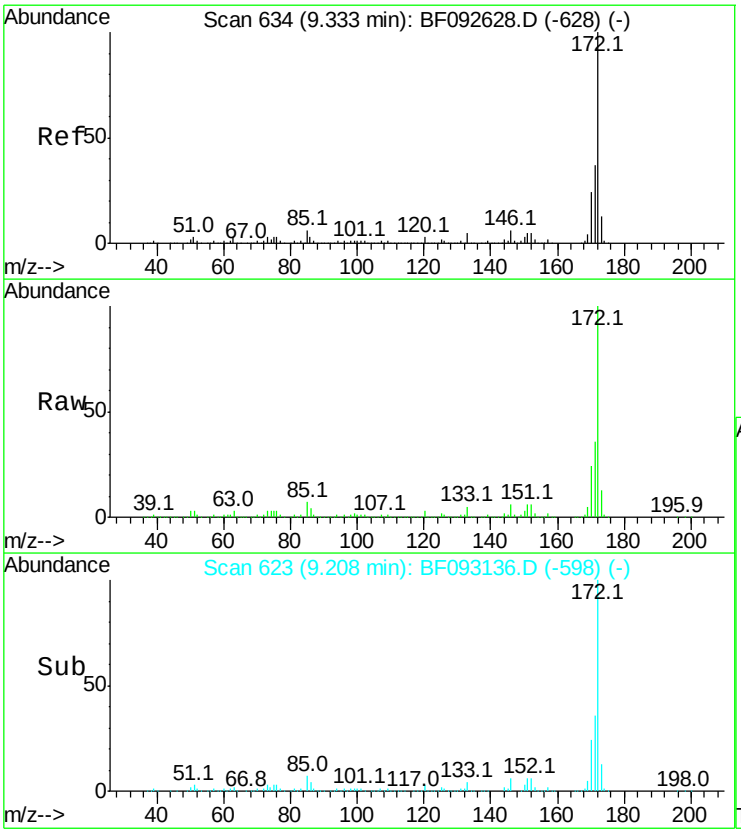
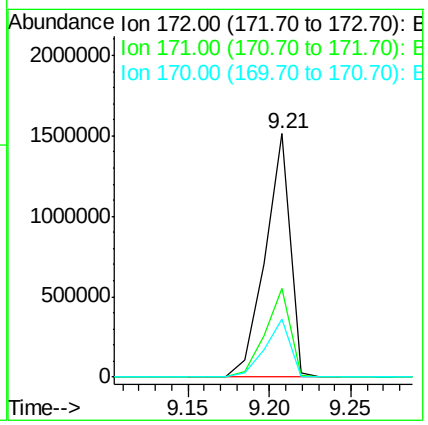
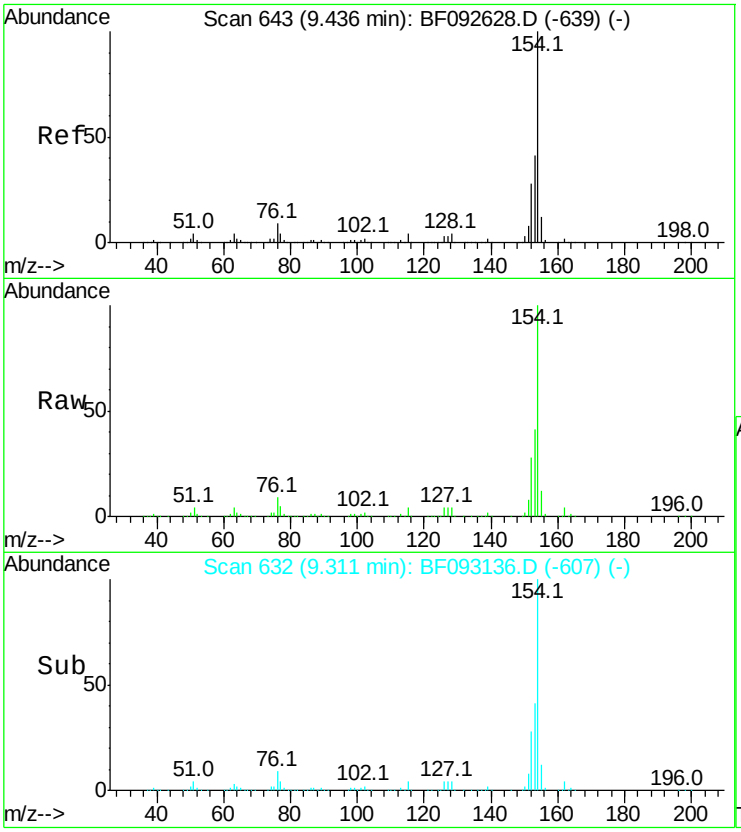


#44
2-Fluorobiphenyl
Concen: 120.79 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:172 Resp: 1609484

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.1	20.2	30.4

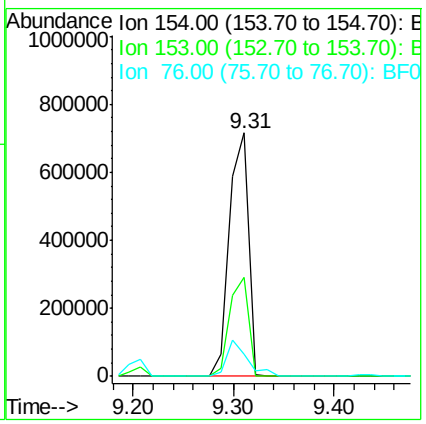




#45
1,1'-Biphenyl
Concen: 54.09 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:154 Resp: 945470

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	9.1	0.0	30.5



Instrument :
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ClientSampleId :
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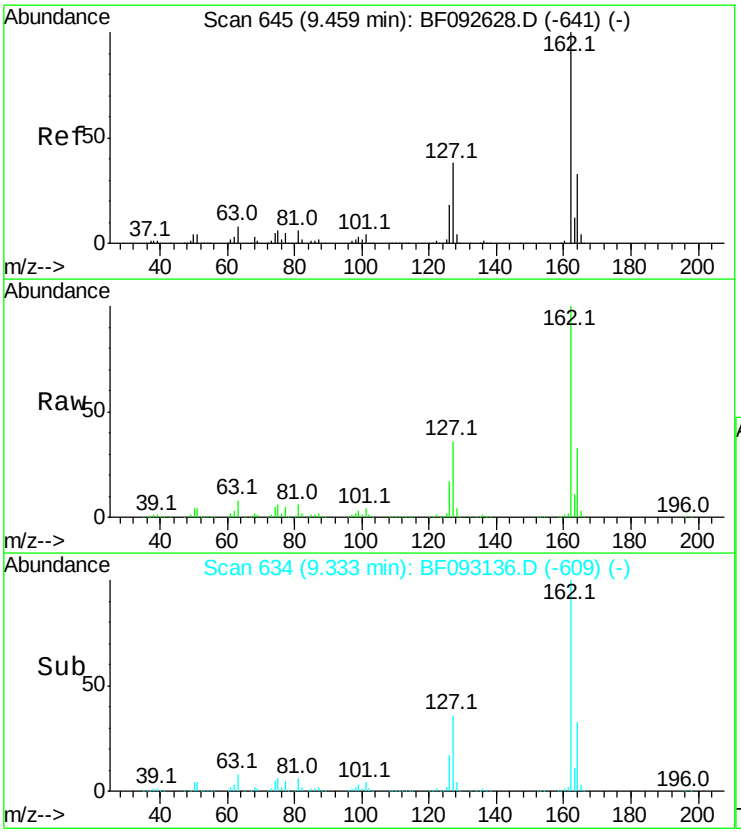
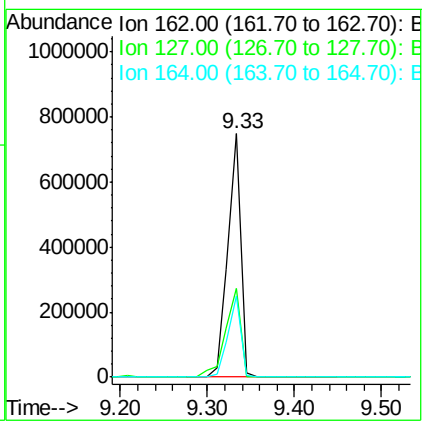
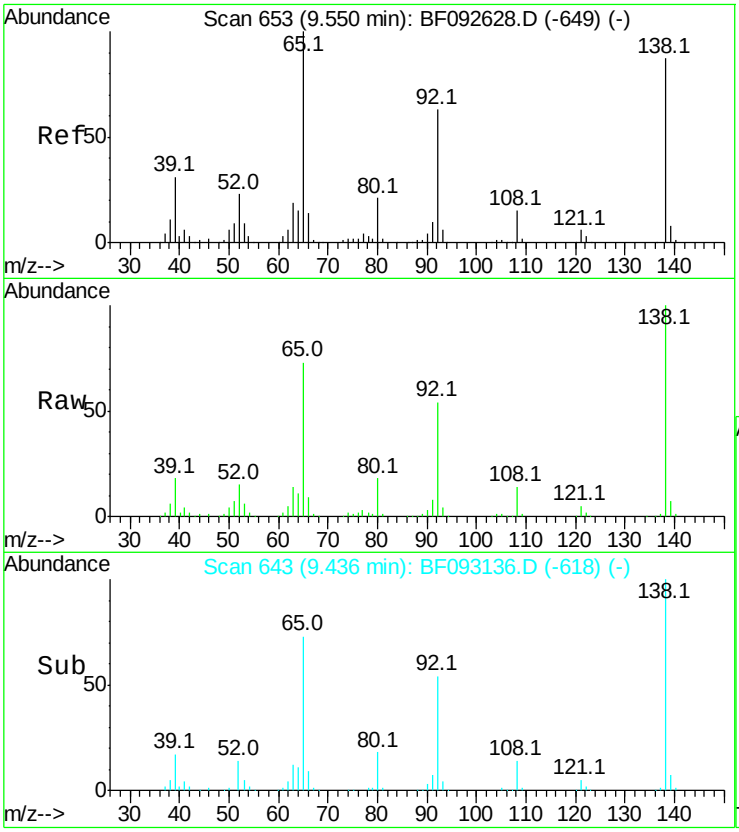


#46
2-Chloronaphthalene
Concen: 56.51 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:162 Resp: 772729

Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.3	27.6	41.4

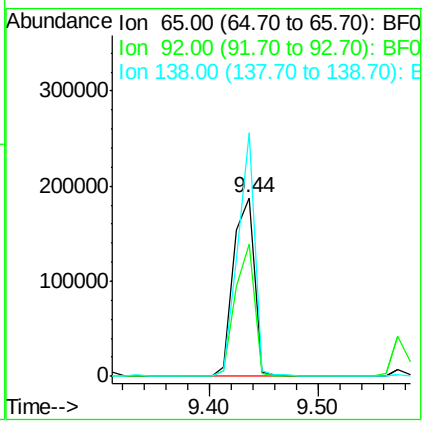




#47
2-Nitroaniline
Concen: 53.74 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 65 Resp: 247074

Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.9	80.9
138	136.1	76.8	115.2#



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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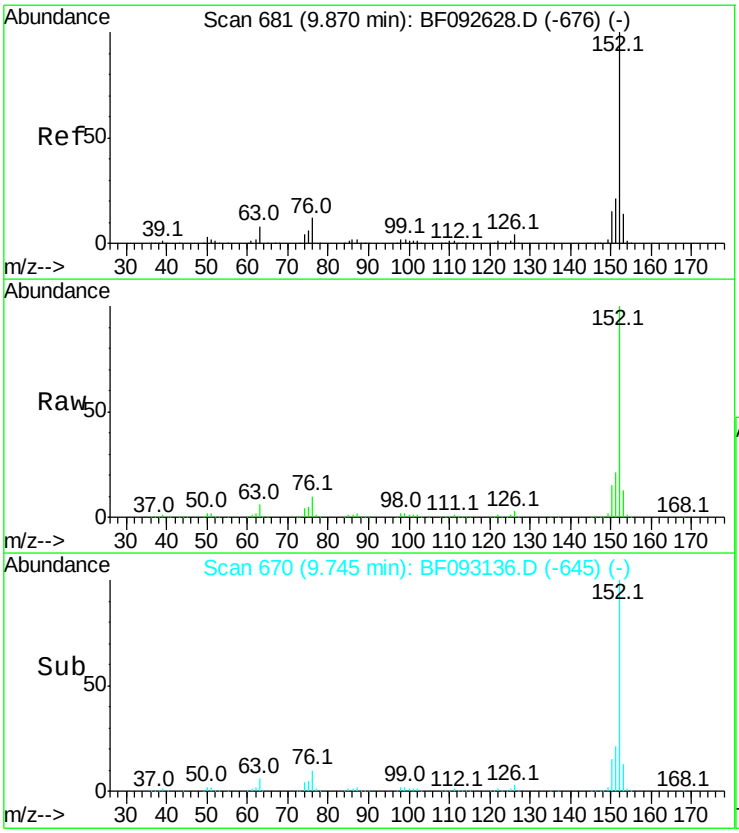
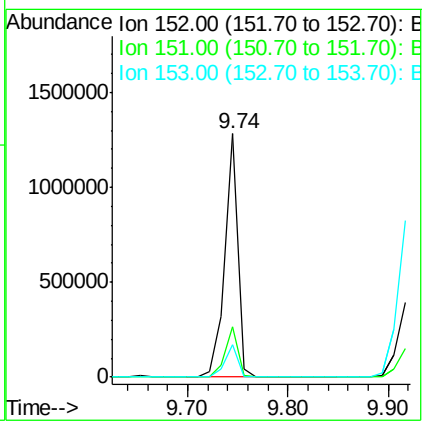
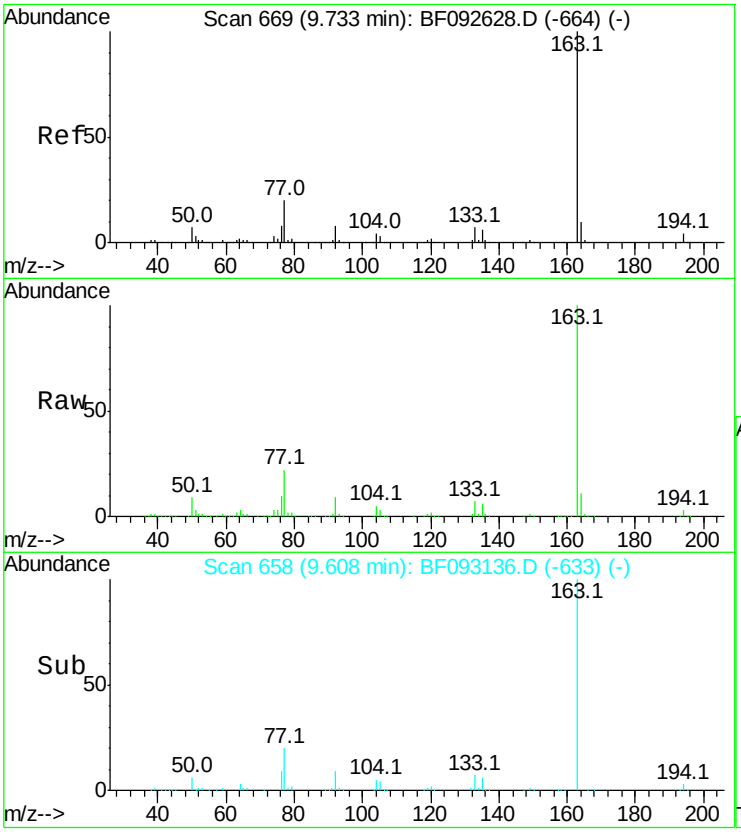


#48
Acenaphthylene
Concen: 48.65 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:152 Resp: 1149377

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.1	11.4	17.2

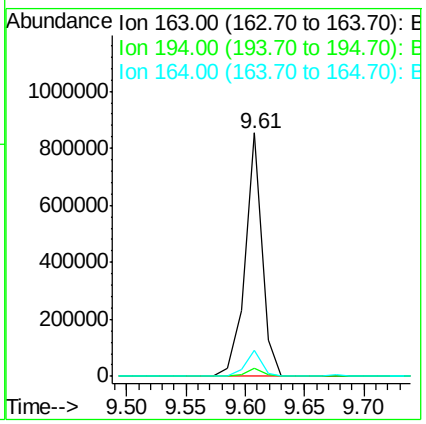




#49
Dimethylphthalate
Concen: 52.56 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:163 Resp: 854589

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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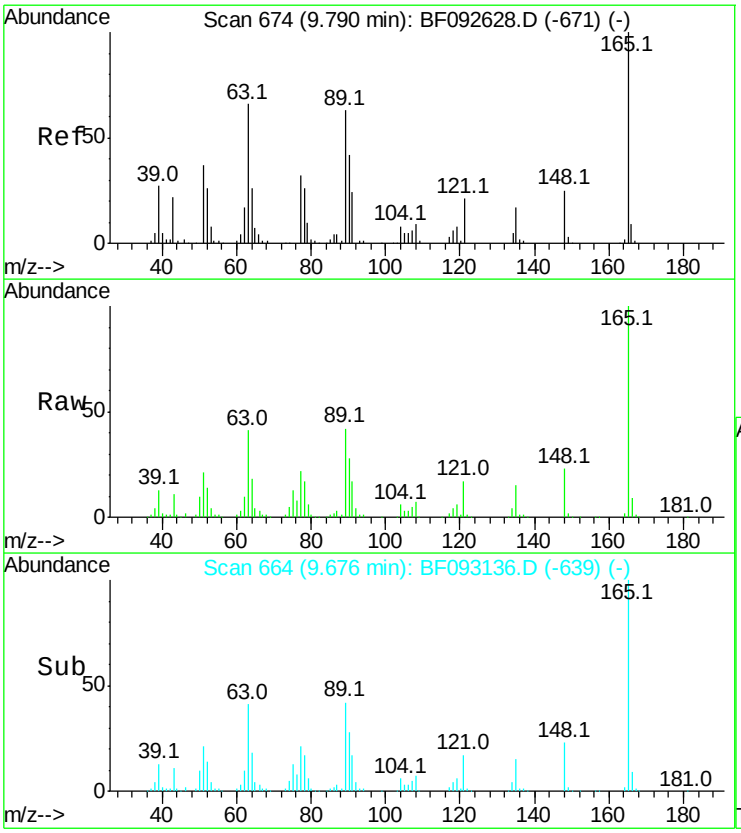
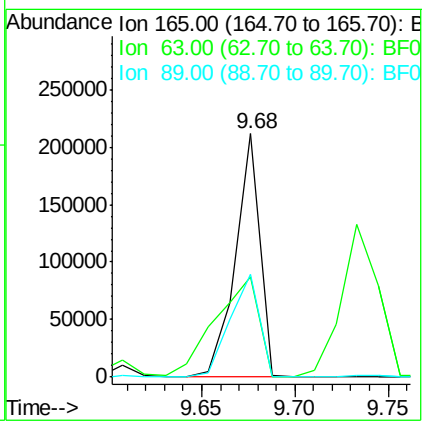
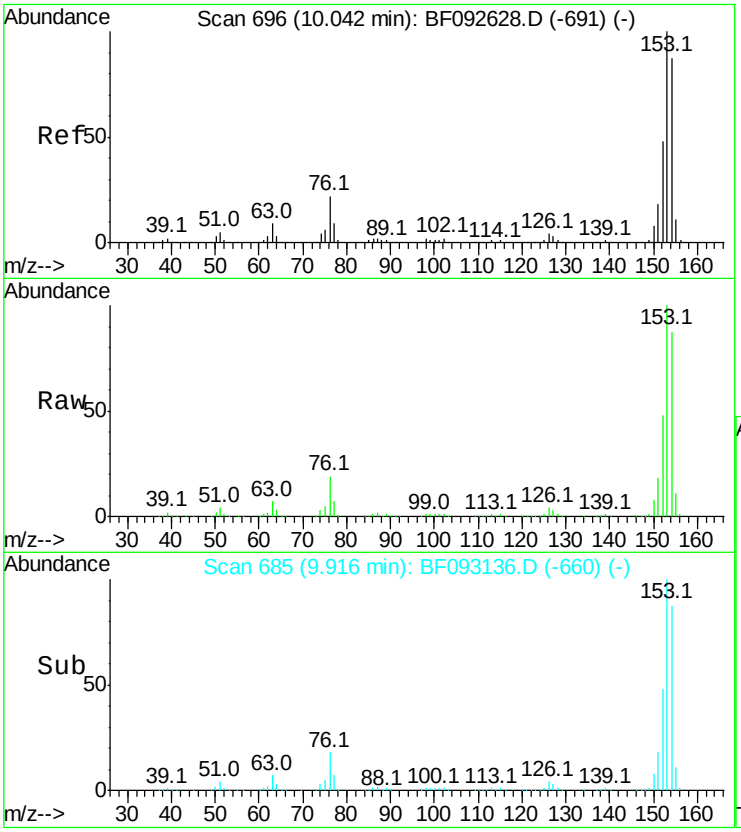


#50
2,6-Dinitrotoluene
Concen: 55.41 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:165 Resp: 194574

Ion	Ratio	Lower	Upper
165	100		
63	40.9	36.2	54.4
89	42.1	40.2	60.4

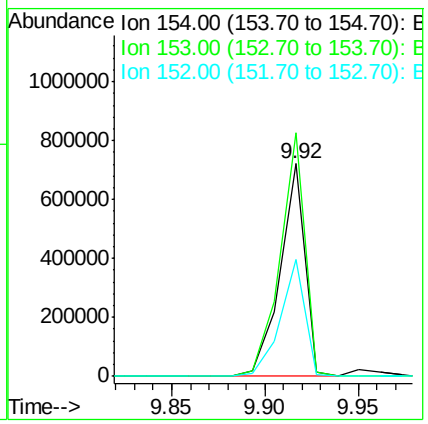




#51
Acenaphthene
Concen: 47.29 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:154 Resp: 667976

Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.7	41.6	62.4



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ClientSampleId :
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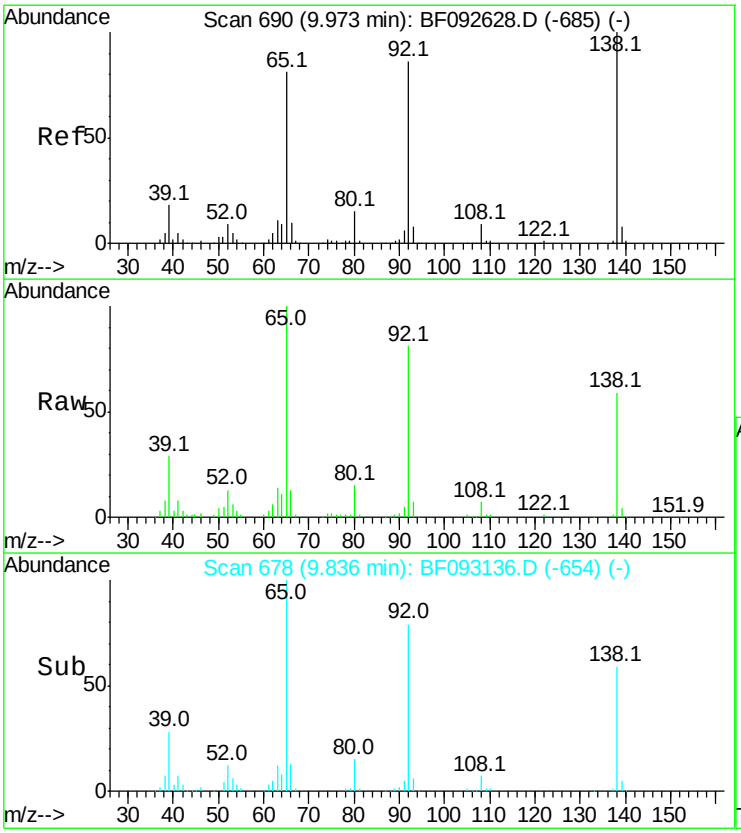
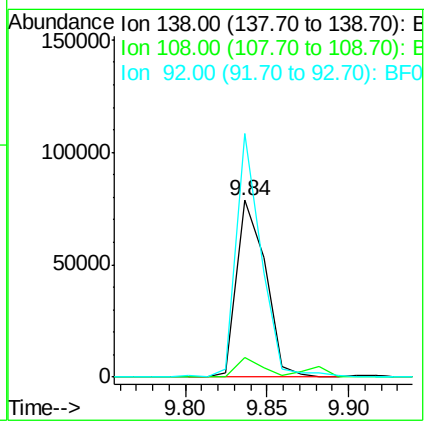
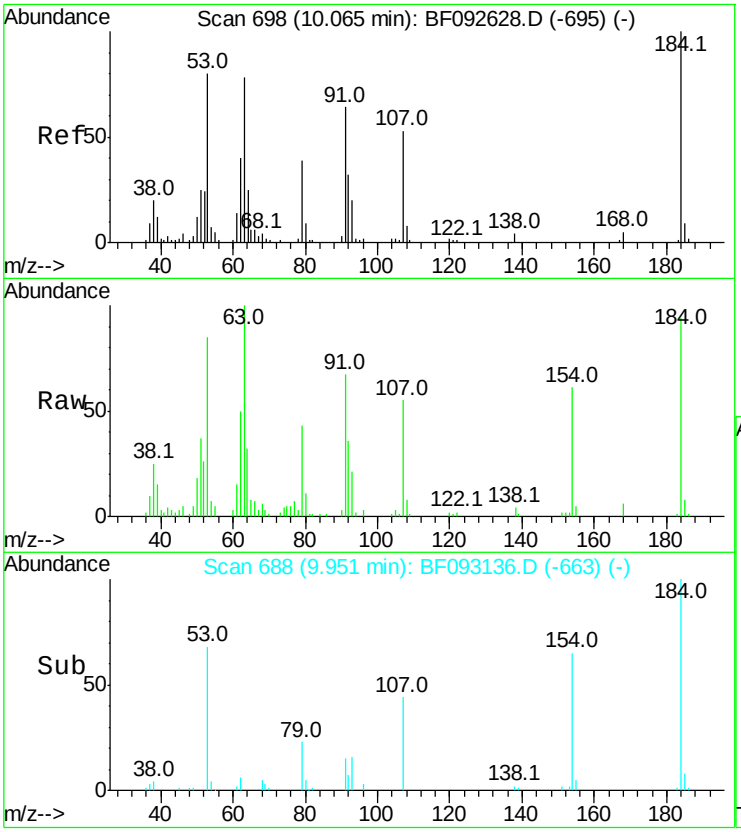


#52
3-Nitroaniline
Concen: 23.94 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:138 Resp: 96221

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	138.0	97.8	146.8

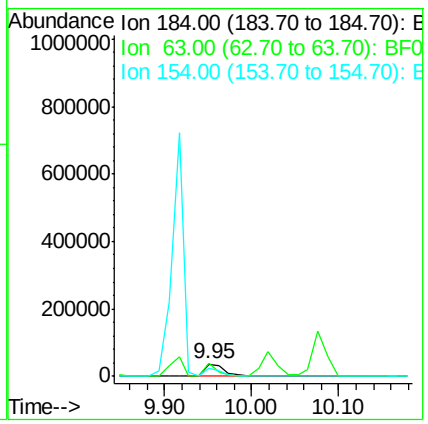




#53
2,4-Dinitrophenol
Concen: 36.31 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:184 Resp: 59945

Ion	Ratio	Lower	Upper
184	100		
63	106.0	28.4	42.6#
154	65.2	44.3	66.5



Instrument :
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ClientSampleId :
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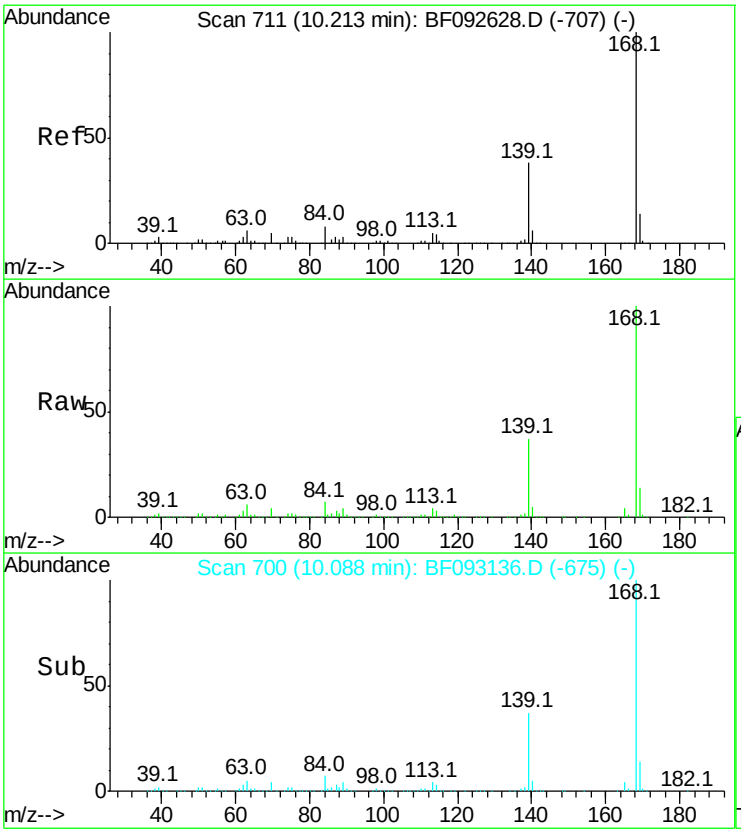
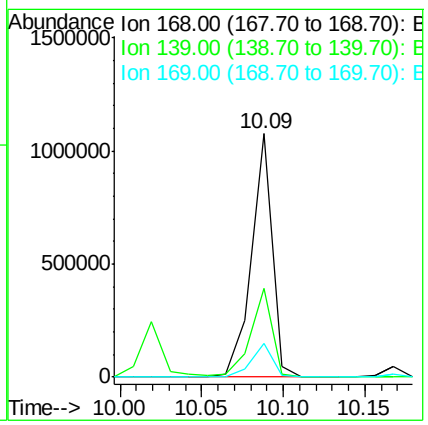
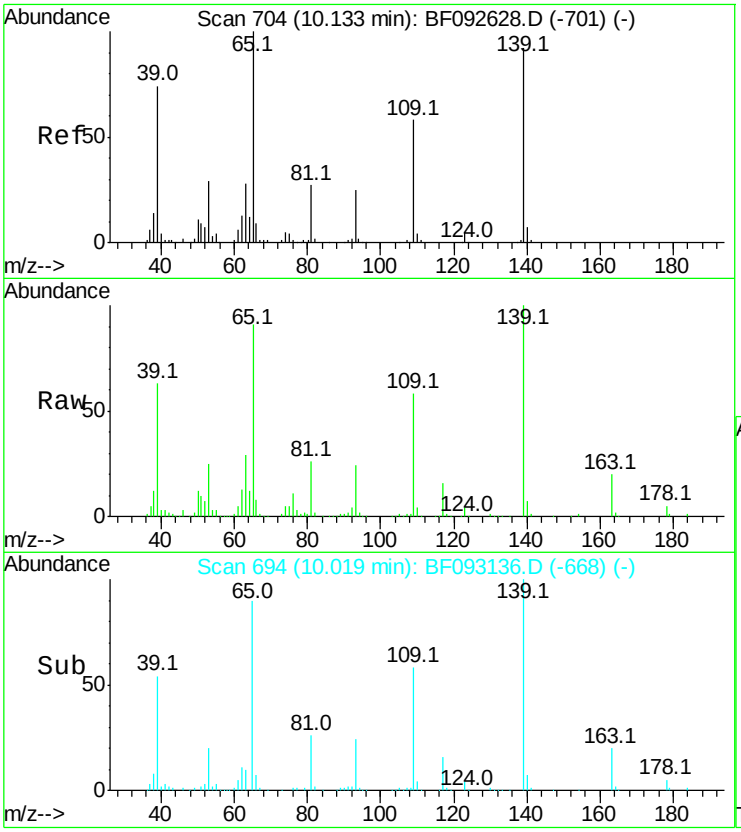


#54
Dibenzofuran
Concen: 50.45 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:168 Resp: 952954

Ion	Ratio	Lower	Upper
168	100		
139	36.5	32.6	49.0
169	13.7	11.3	16.9

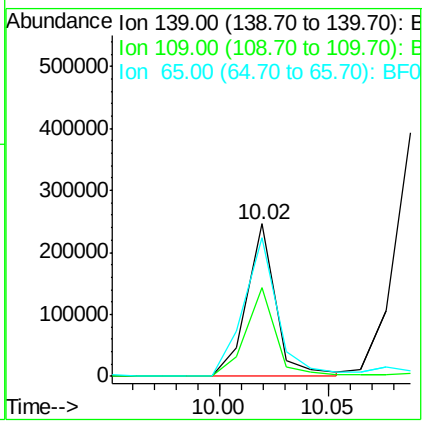




#55
4-Nitrophenol
Concen: 79.47 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:139 Resp: 230021

Ion	Ratio	Lower	Upper
139	100		
109	57.8	52.2	92.2
65	90.7	85.8	125.8



Instrument :
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ClientSampleId :
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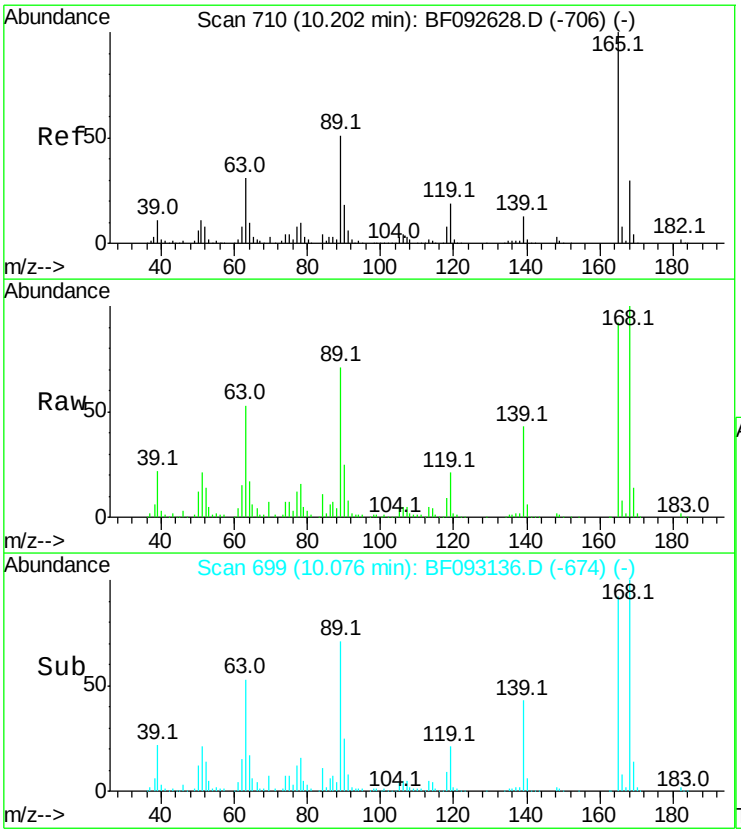
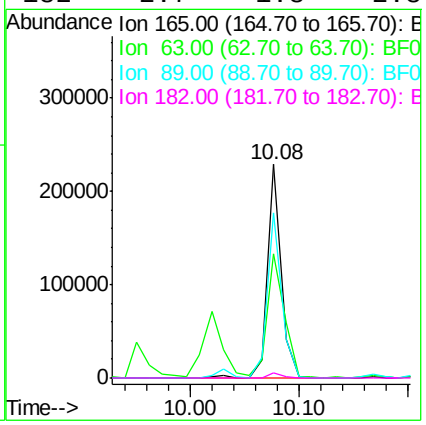
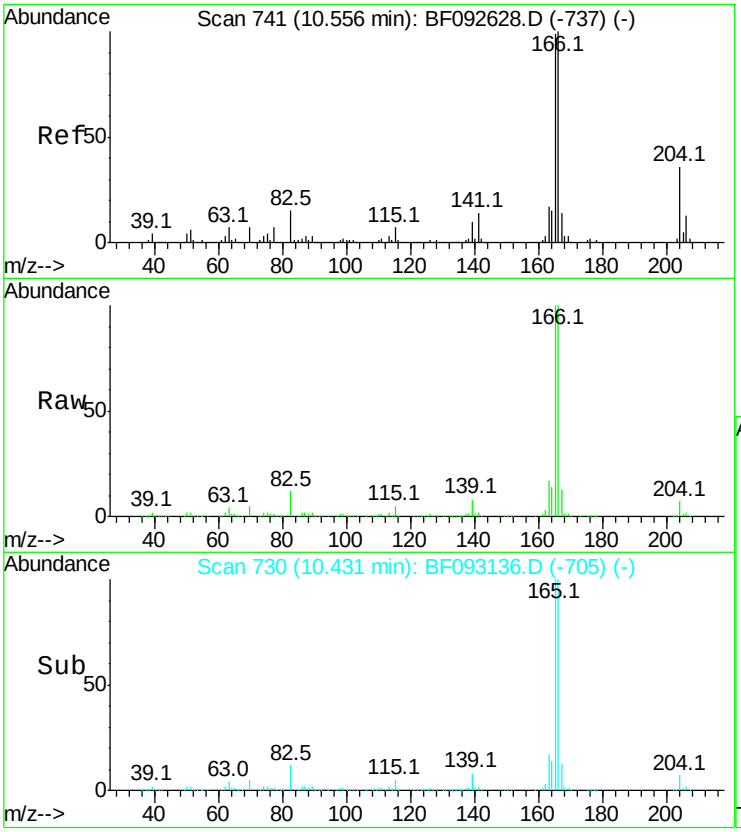


#56
2,4-Dinitrotoluene
Concen: 43.35 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:165 Resp: 202670

Ion	Ratio	Lower	Upper
165	100		
63	57.9	40.2	60.4
89	77.3	62.5	93.7
182	2.7	1.8	2.8

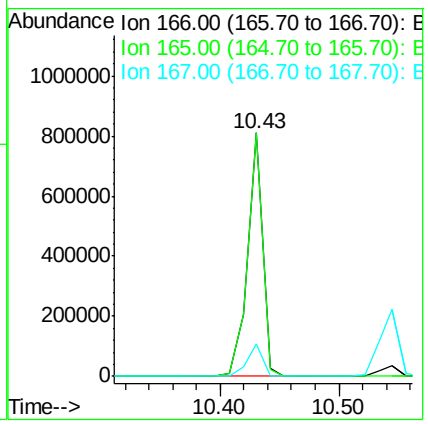




#57
Fluorene
Concen: 49.98 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:166 Resp: 726456

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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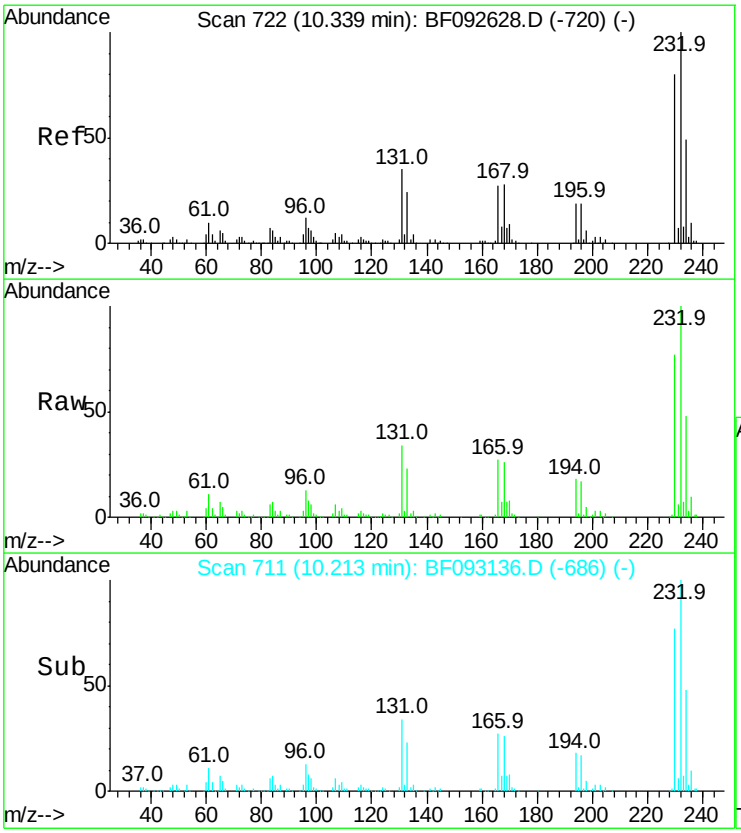
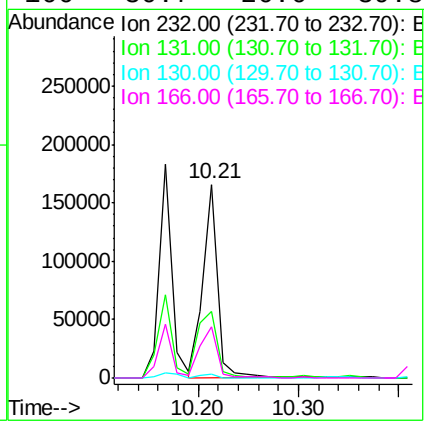
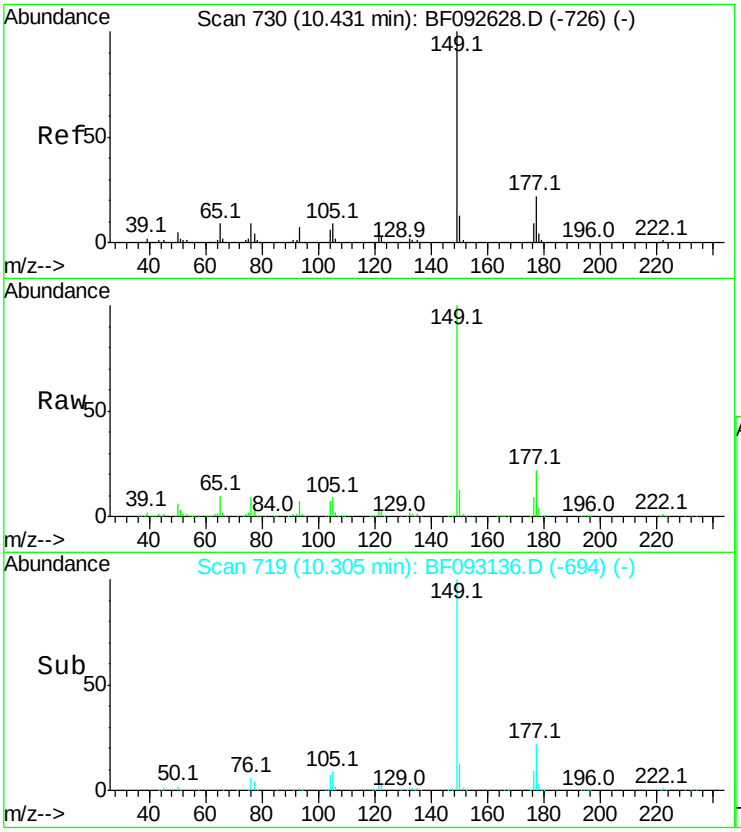


#58
2,3,4,6-Tetrachlorophenol
Concen: 52.10 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:232 Resp: 169580

Ion	Ratio	Lower	Upper
232	100		
131	44.6	40.1	60.1
130	2.3	1.8	2.8
166	30.7	26.6	39.8

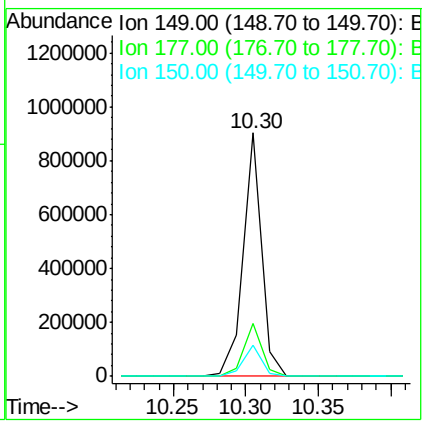




#59
Diethylphthalate
Concen: 51.97 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:149 Resp: 796452

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.6	25.0
150	12.6	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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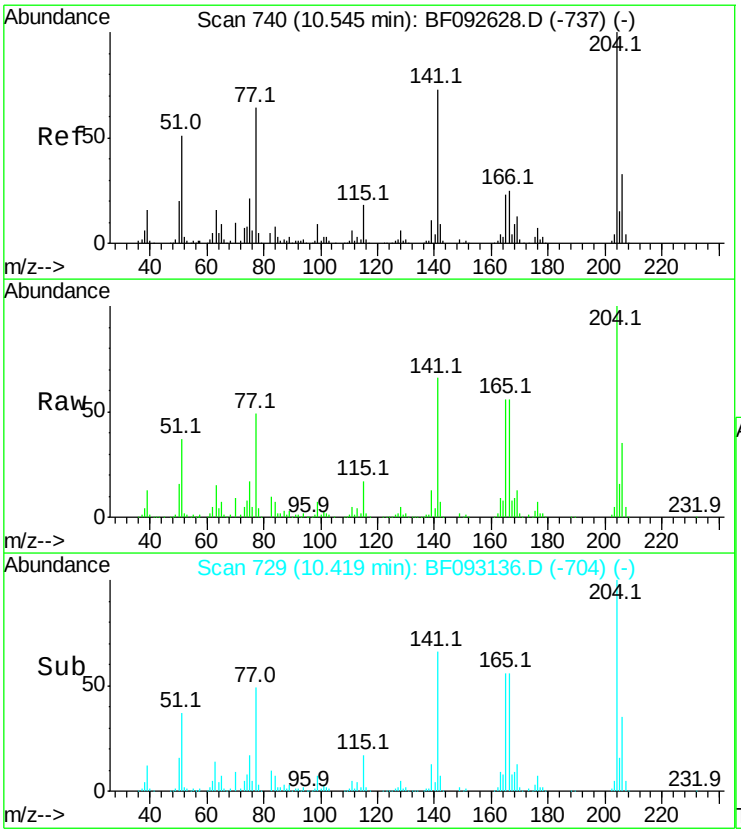
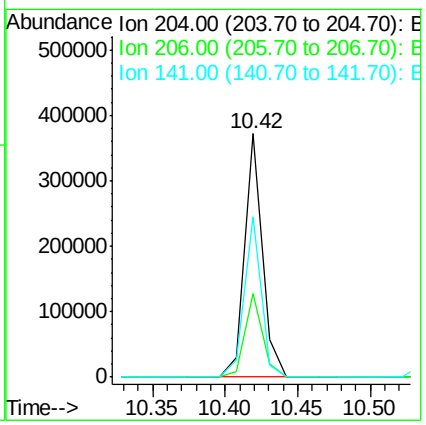
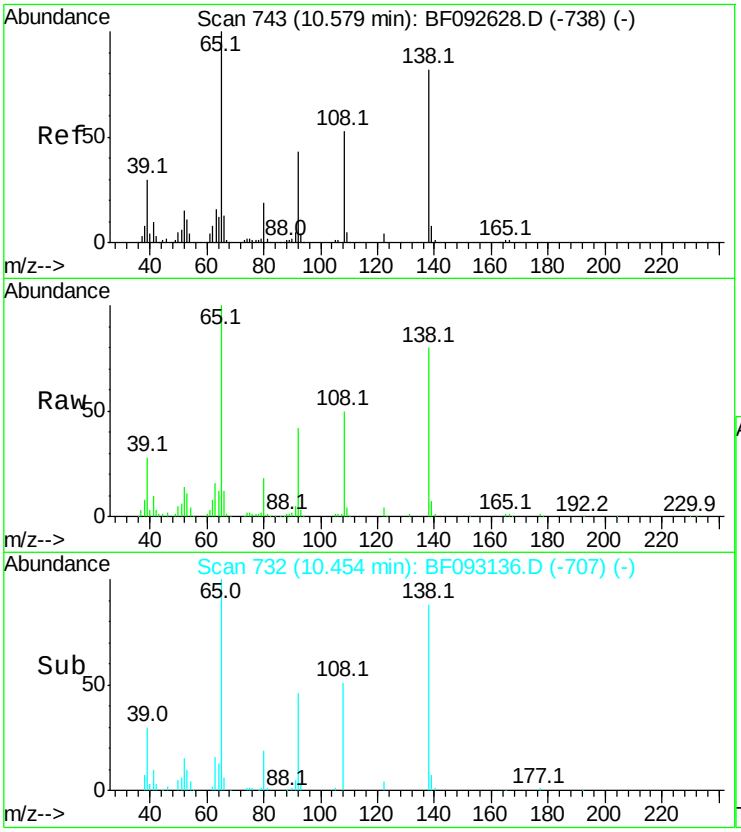


#60
4-Chlorophenyl-phenylether
Concen: 45.27 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:204 Resp: 316103

Ion	Ratio	Lower	Upper
204	100		
206	34.6	25.8	38.6
141	65.7	59.4	89.0

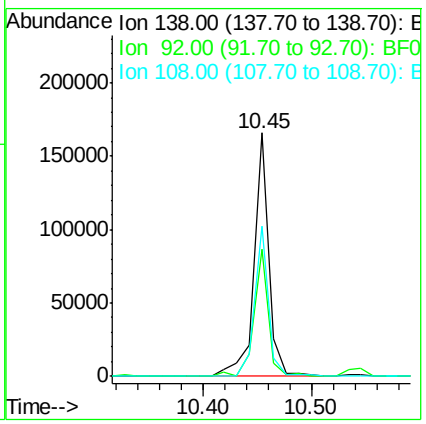




#61
4-Nitroaniline
Concen: 38.91 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:138 Resp: 160152

Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.7	71.7
108	61.7	52.6	92.6



Instrument :
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ClientSampleId :
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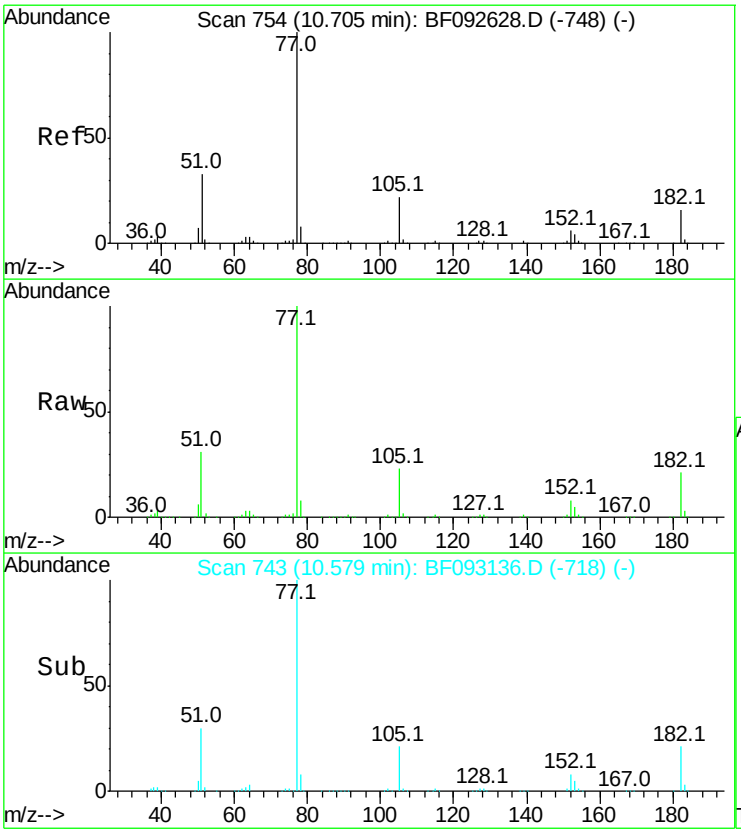
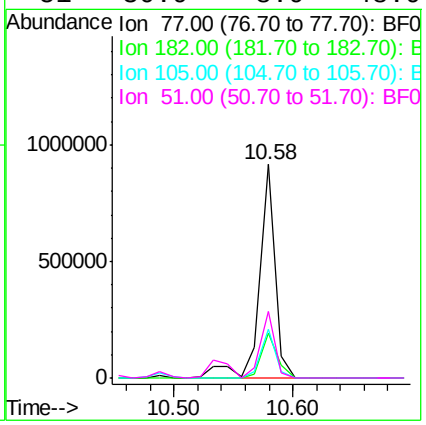
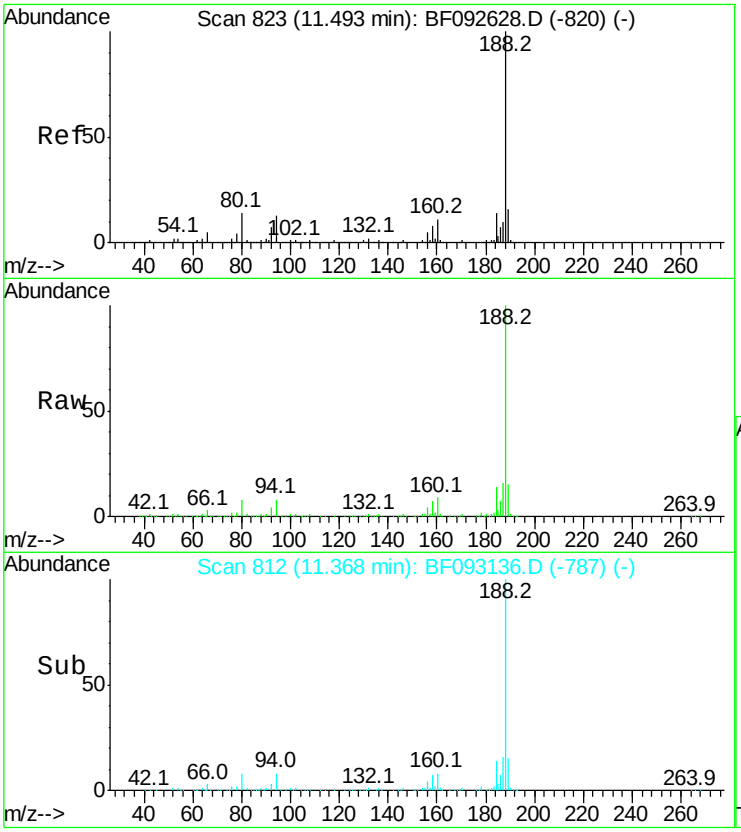


#62
Azobenzene
Concen: 54.17 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 77 Resp: 857539

Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.0	39.3
105	22.9	2.3	42.3
51	30.9	8.9	48.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:188 Resp: 353824

Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.0	15.0#
80	8.2	11.2	16.8#

Instrument :
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ClientSampleId :
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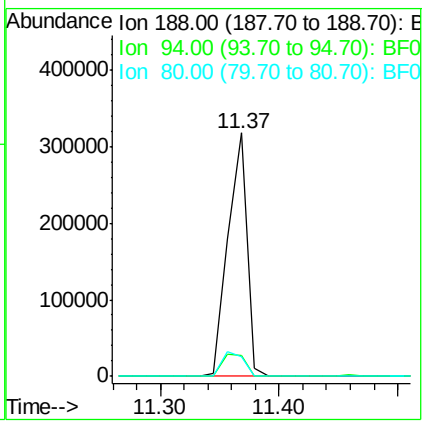
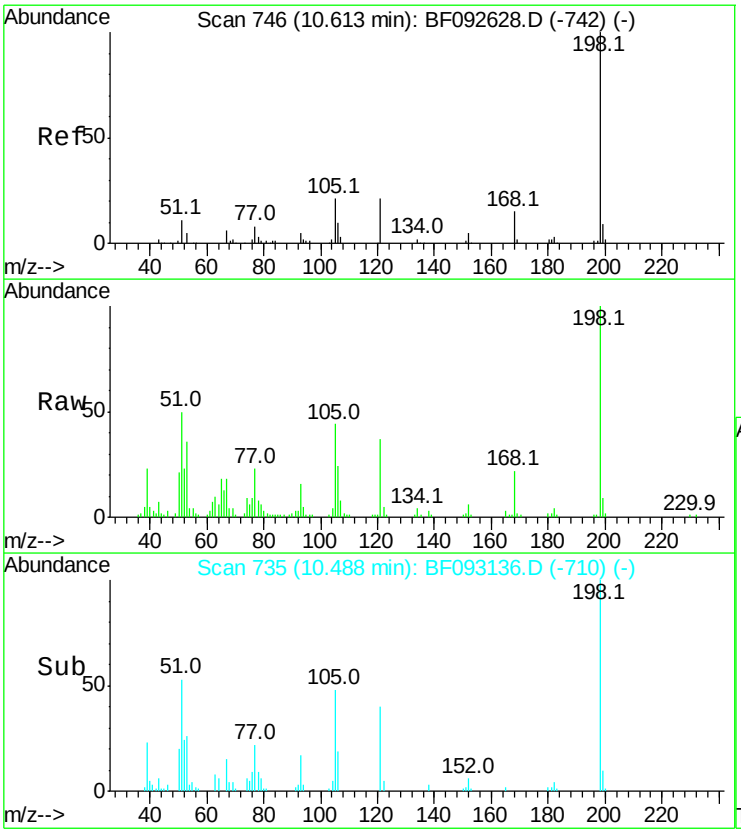
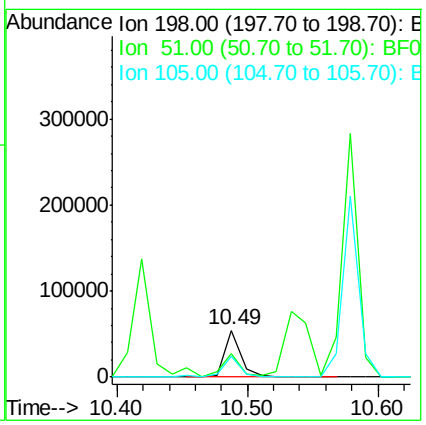


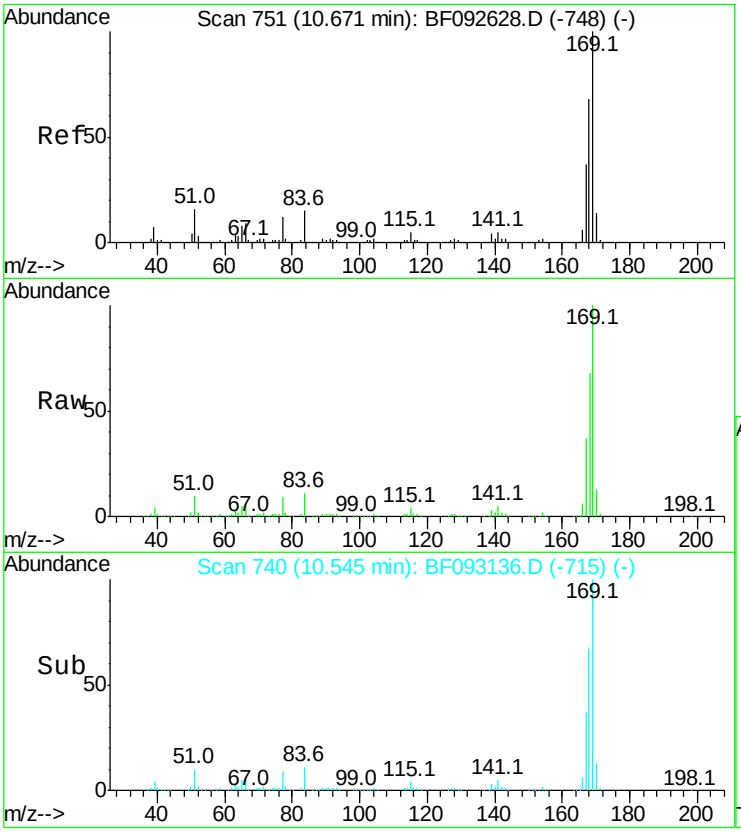


#64
4,6-Dinitro-2-methylphenol
Concen: 23.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:198 Resp: 47922

Ion	Ratio	Lower	Upper
198	100		
51	49.6	6.7	46.7#
105	44.3	16.6	56.6

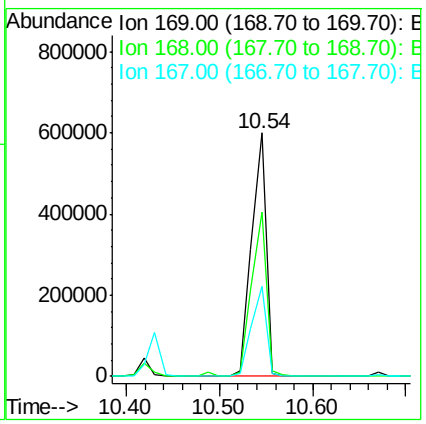




#65
n-Nitrosodiphenylamine
Concen: 57.16 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:169 Resp: 646082

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	36.9	30.2	45.4



Instrument :
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ClientSampleId :
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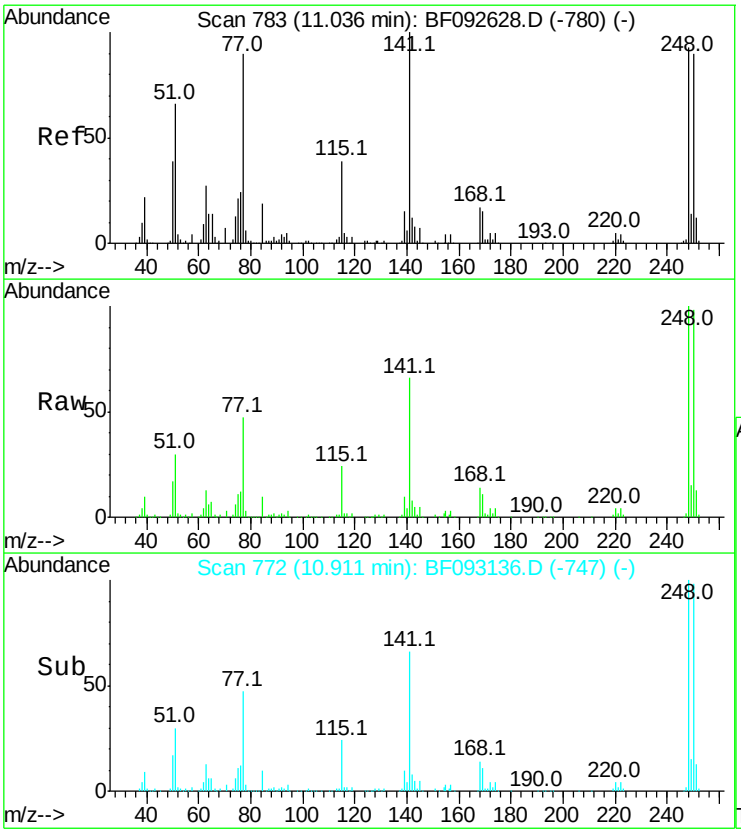
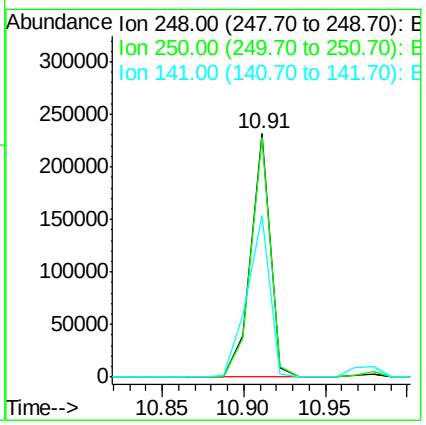
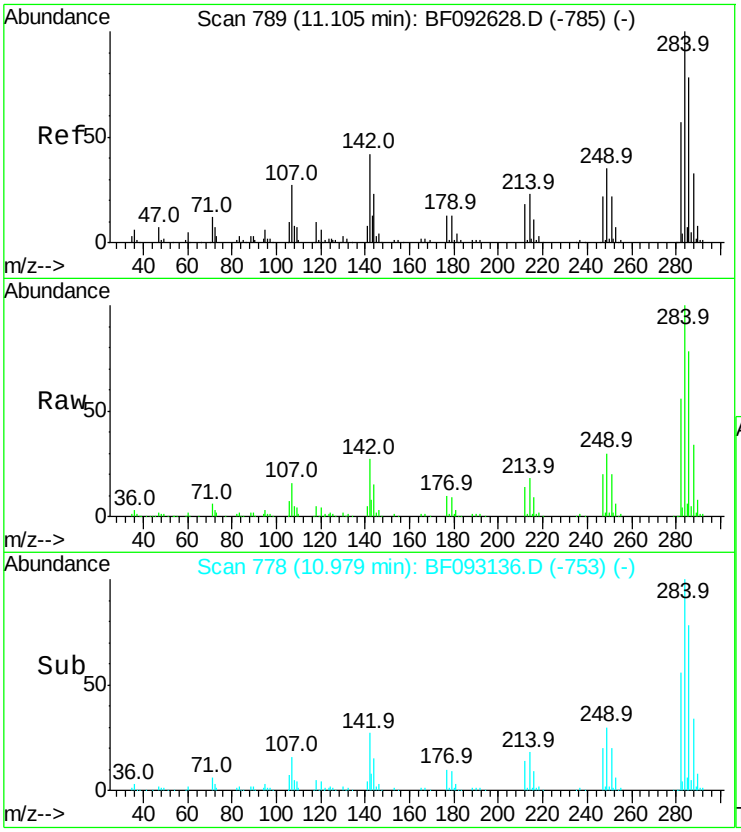


#66
4-Bromophenyl-phenylether
Concen: 52.43 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:248 Resp: 193829

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	66.4	68.2	102.4#

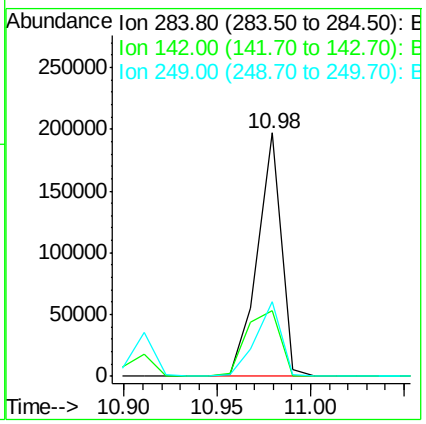




#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:284 Resp: 177981

Ion	Ratio	Lower	Upper
284	100		
142	27.1	22.6	33.8
249	30.5	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
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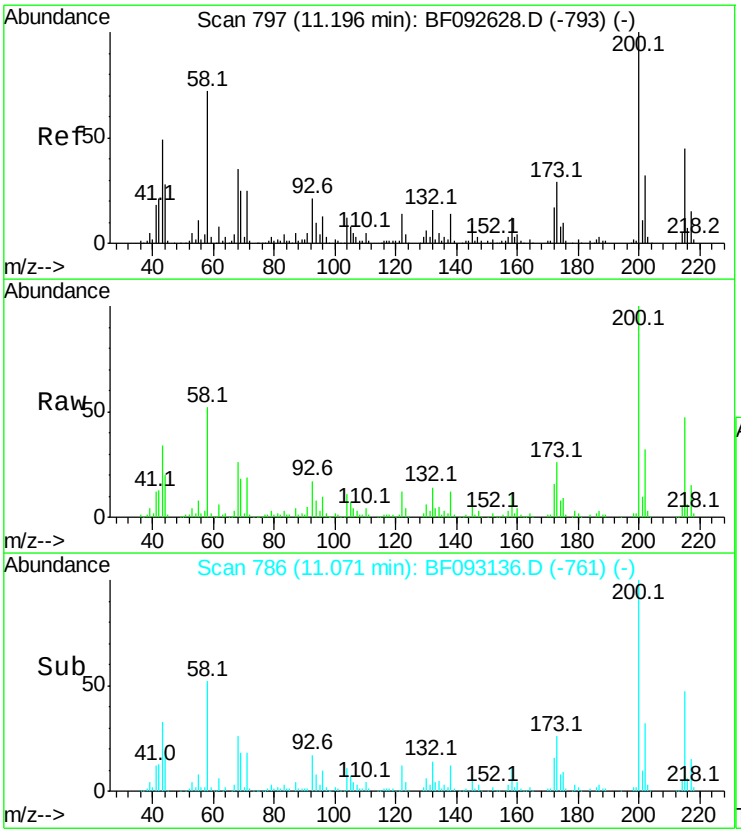
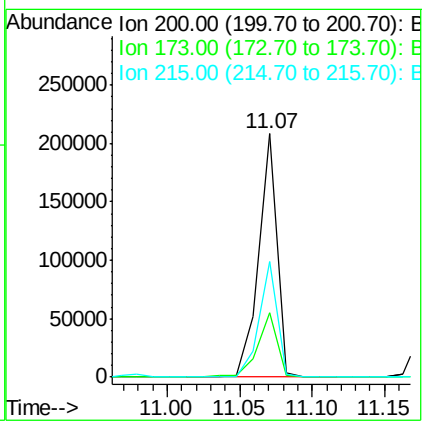
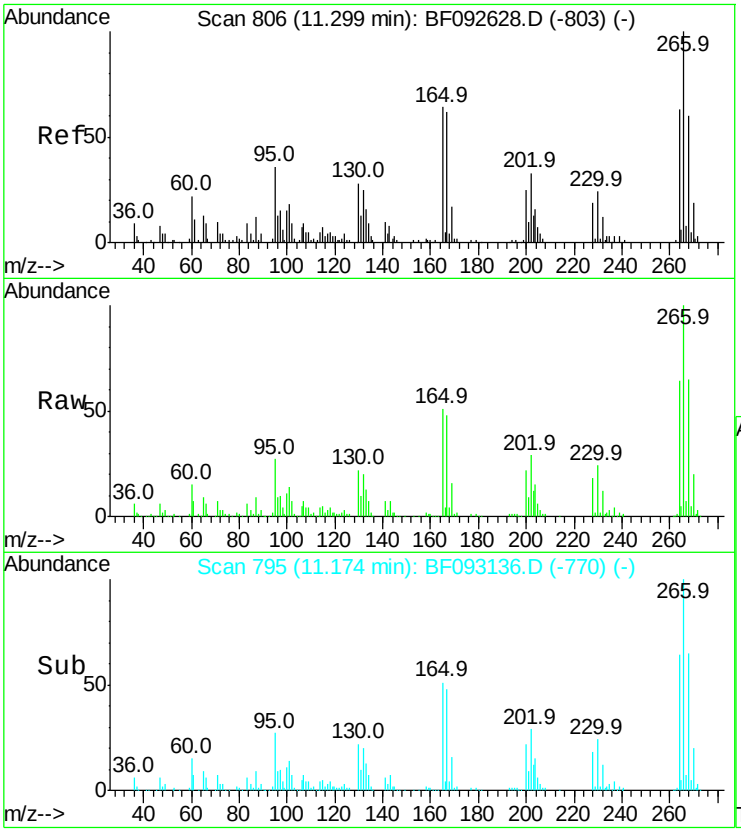


#68
Atrazine
Concen: 50.46 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:200 Resp: 183029

Ion	Ratio	Lower	Upper
200	100		
173	26.4	9.6	49.6
215	47.3	25.7	65.7

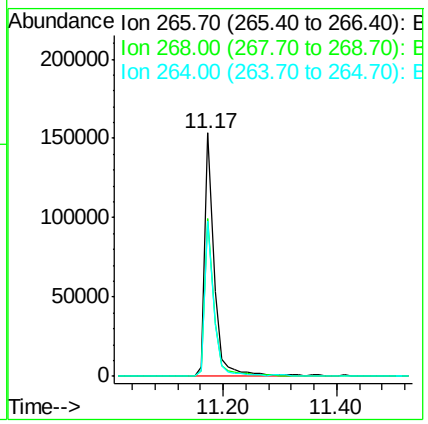




#69
Pentachlorophenol
Concen: 90.38 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:266 Resp: 172379

Ion	Ratio	Lower	Upper
266	100		
268	64.8	53.3	79.9
264	64.0	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

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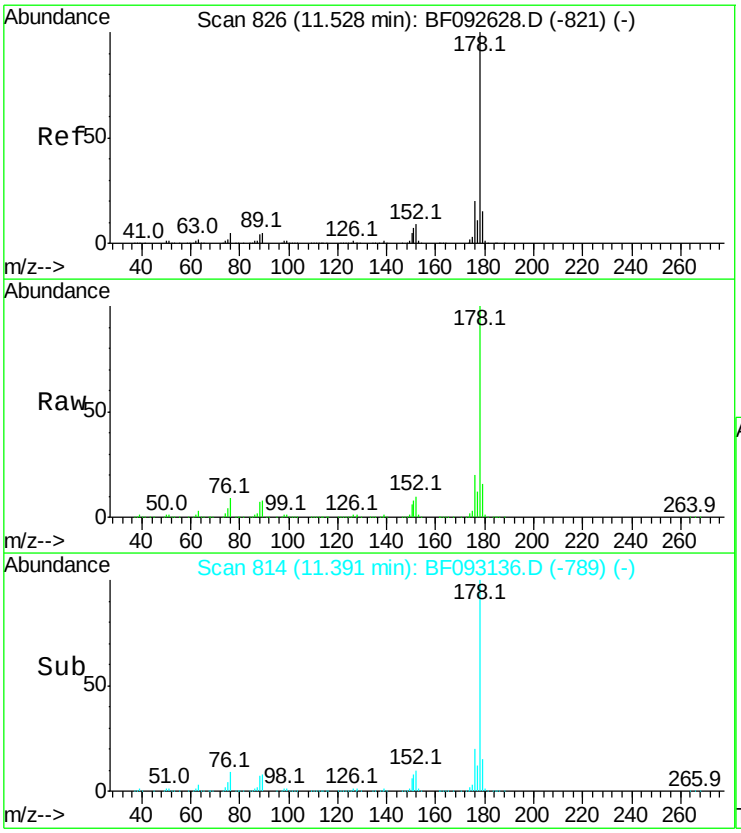
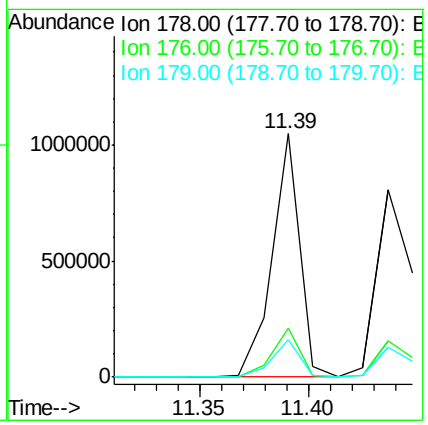
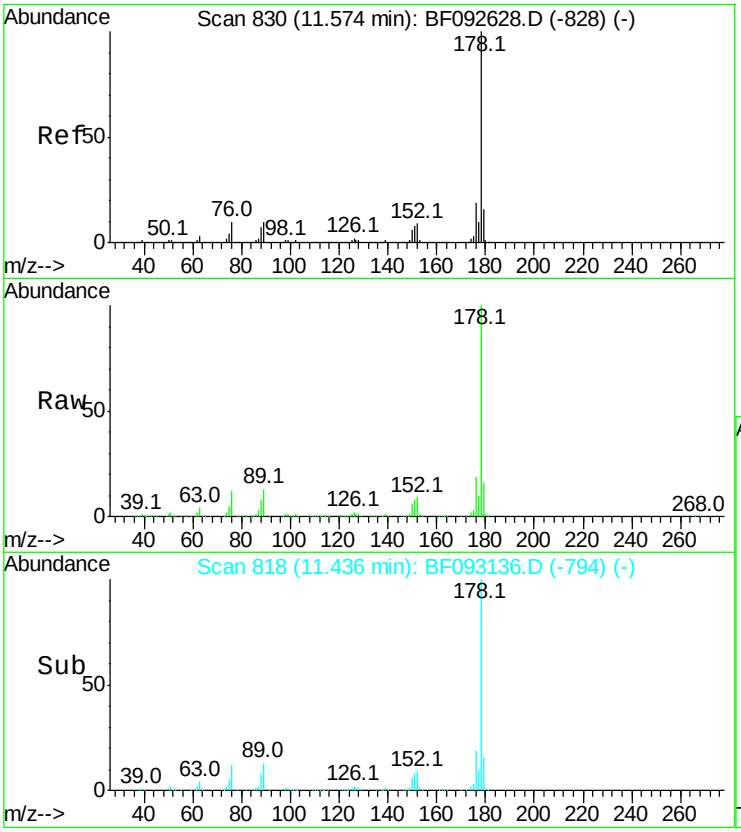


#70
Phenanthrene
Concen: 46.02 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:178 Resp: 932975

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.5	12.8	19.2

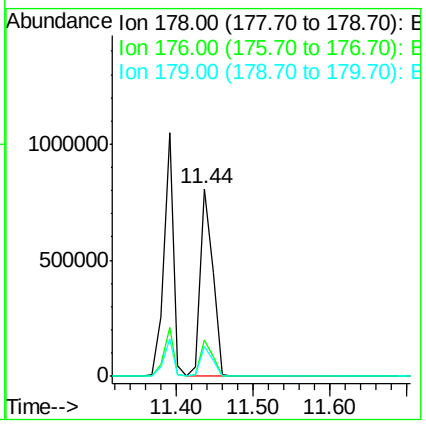




#71
Anthracene
Concen: 44.31 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:178 Resp: 902035

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.8	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
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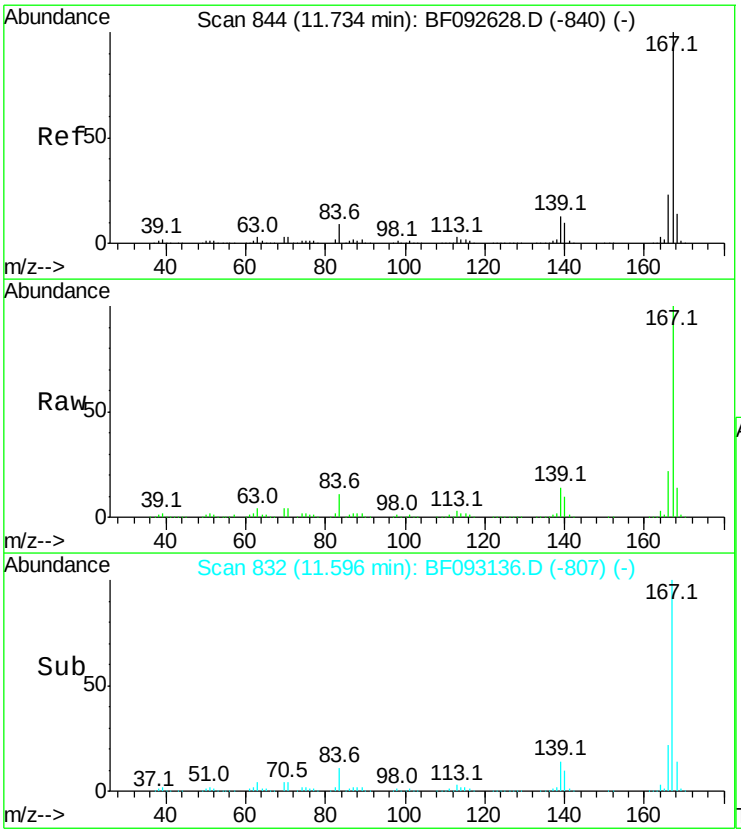
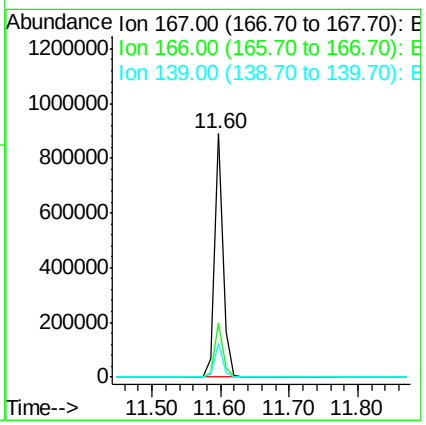
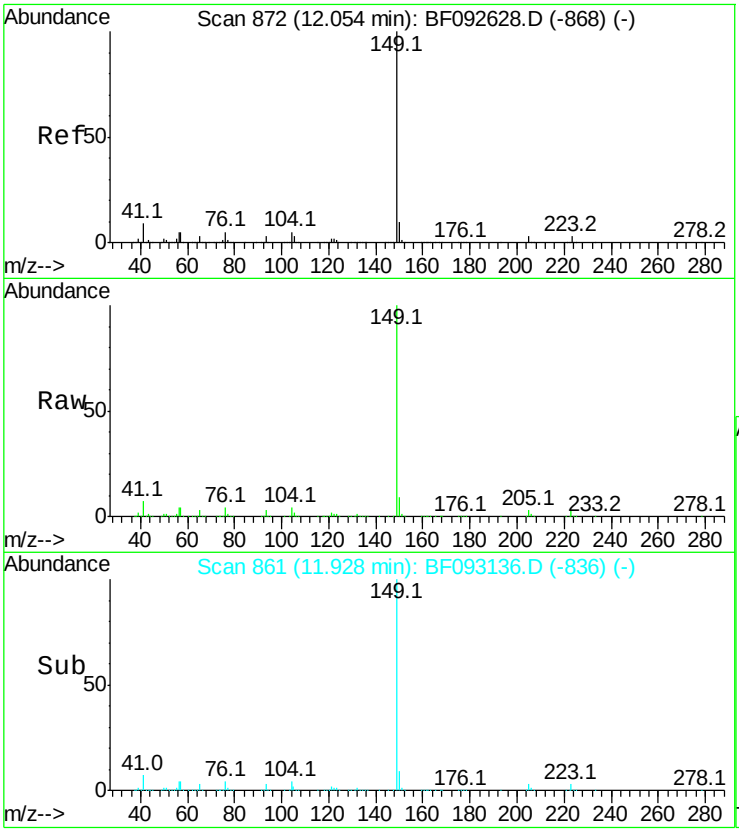


#72
Carbazole
Concen: 40.16 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:167 Resp: 781482

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.8	11.4	17.2

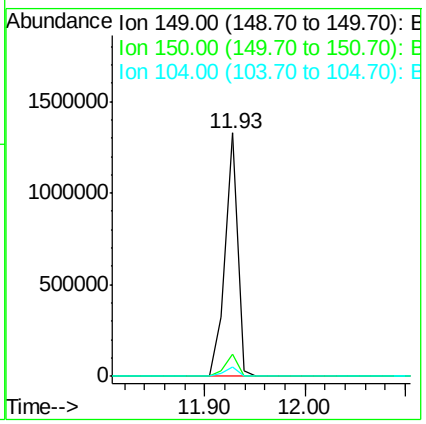




#73
Di-n-butylphthalate
Concen: 55.08 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:149 Resp: 1159080

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	4.1	4.6	7.0#



Instrument :
BNA_F
ClientSampleId :
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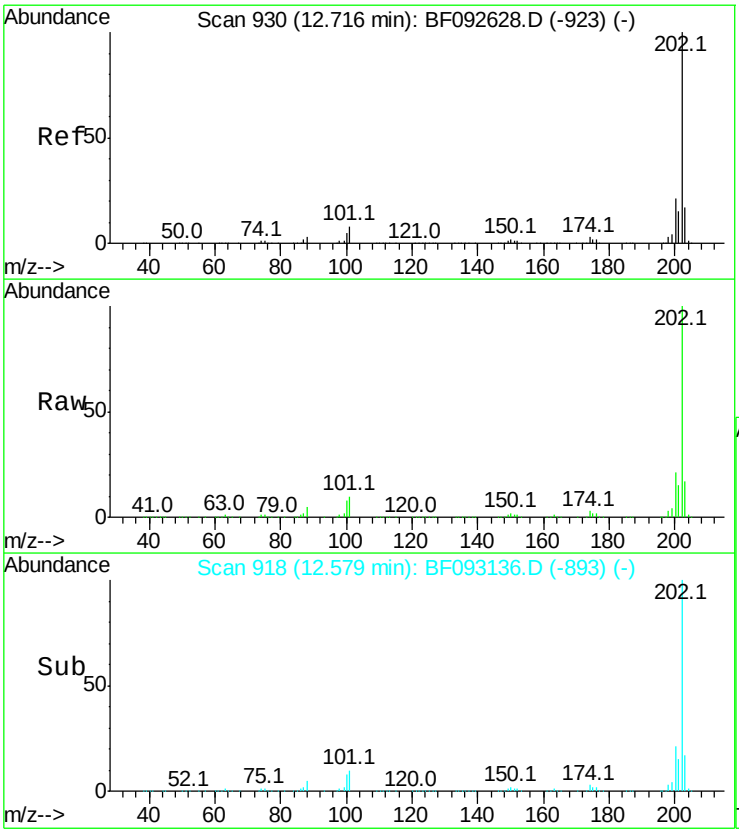
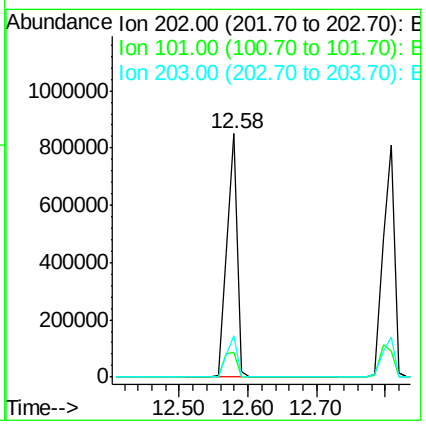
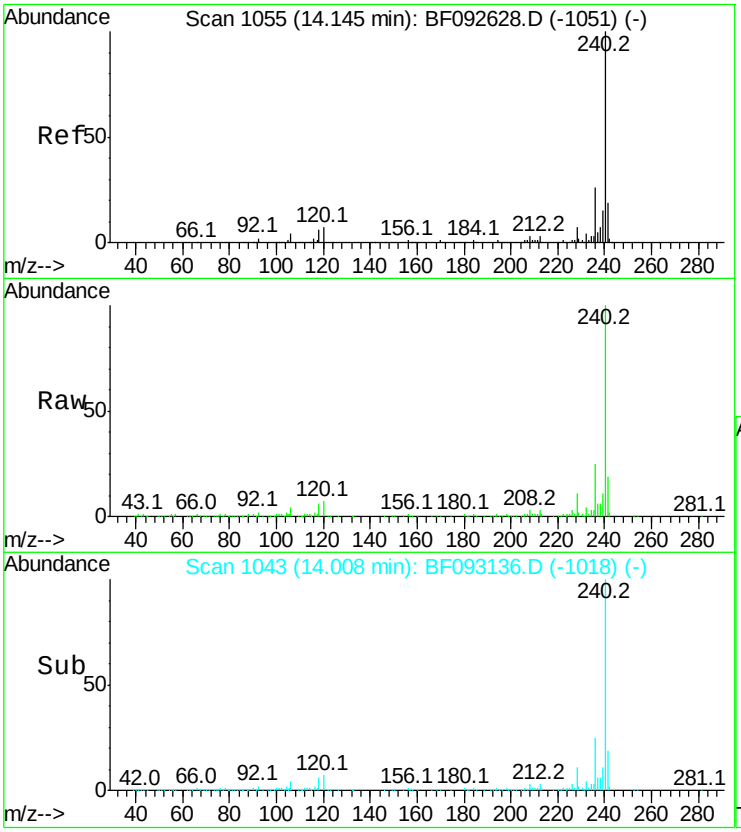


#74
Fluoranthene
Concen: 43.26 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:202 Resp: 904544

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.6
203	17.2	0.0	38.7





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:240 Resp: 272983

Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.9	19.3#
236	25.2	20.9	31.3

Instrument :
BNA_F
ClientSampleId :
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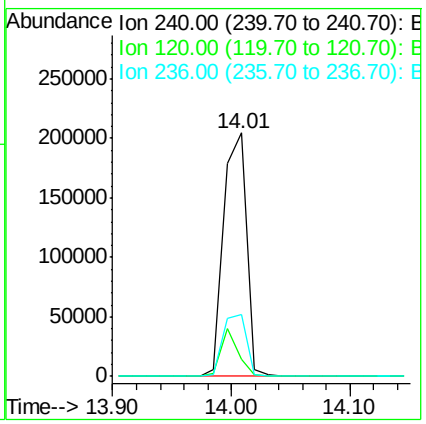
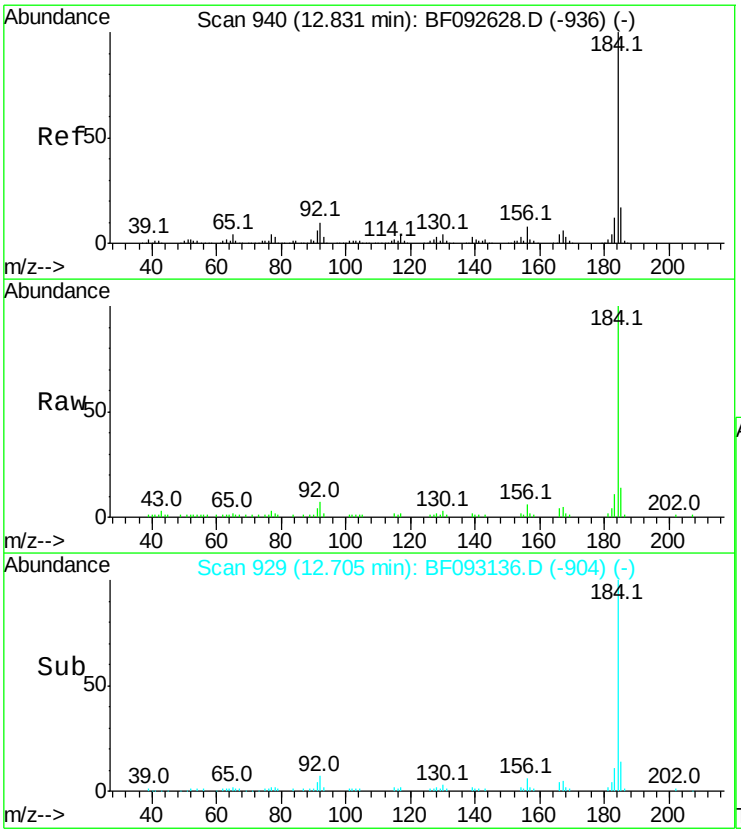
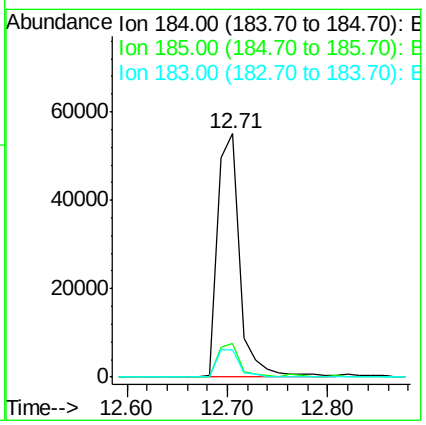


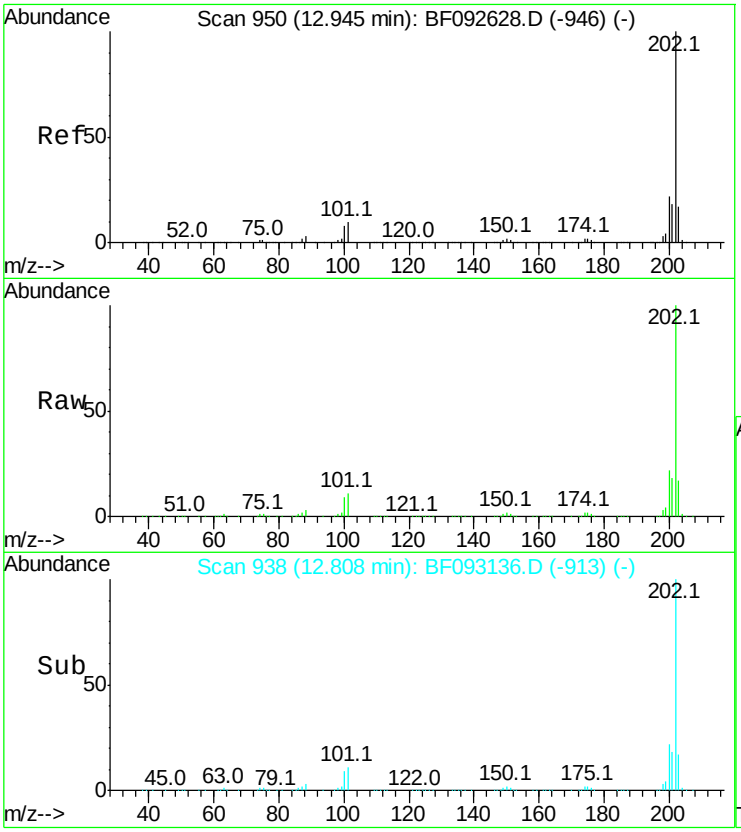


#76
Benzidine
Concen: 7.28 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:184 Resp: 84655

Ion	Ratio	Lower	Upper
184	100		
185	13.7	13.4	20.0
183	11.3	9.2	13.8

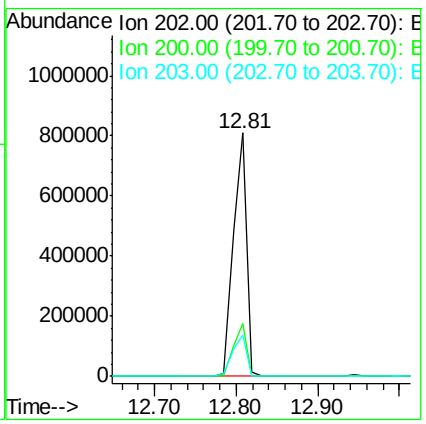




#77
Pyrene
Concen: 44.83 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:202 Resp: 915842

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.1	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
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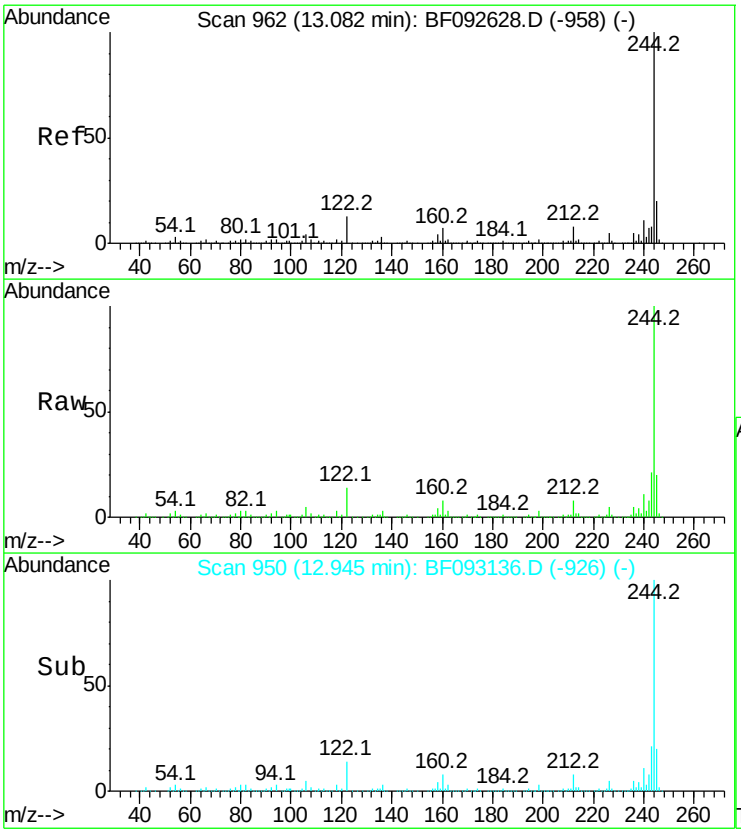
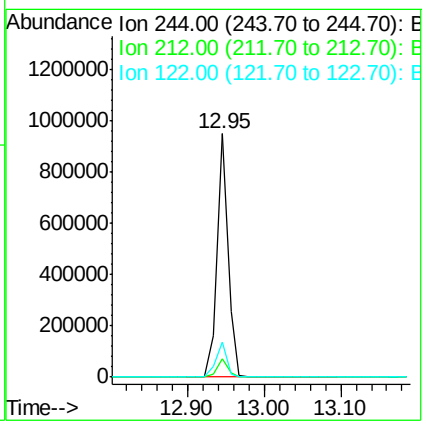
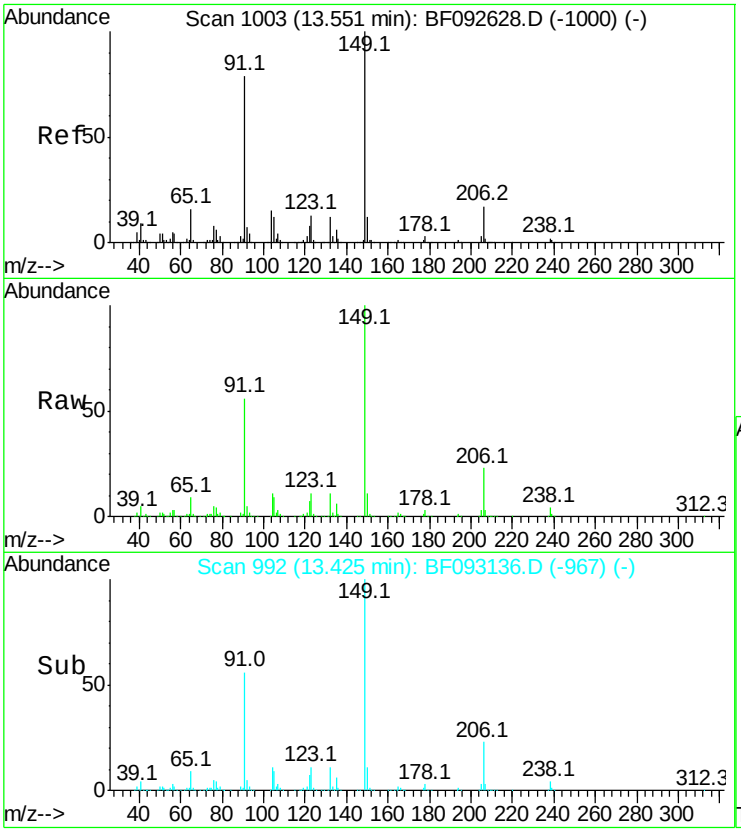


#78
Terphenyl-d14
Concen: 81.76 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:244 Resp: 949886

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.5	11.4	17.2

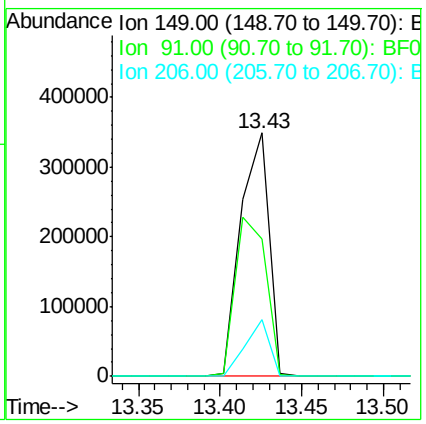




#79
Butylbenzylphthalate
Concen: 50.52 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:149 Resp: 419120

Ion	Ratio	Lower	Upper
149	100		
91	56.4	63.9	95.9#
206	23.1	14.6	21.8#



Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

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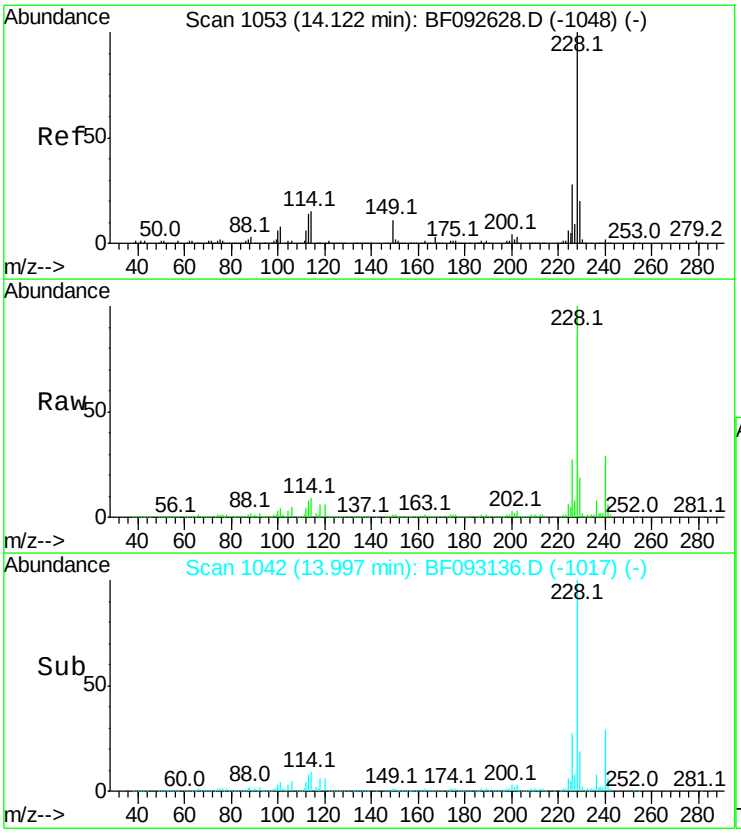
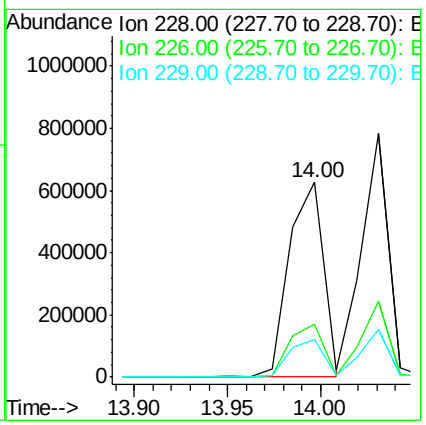
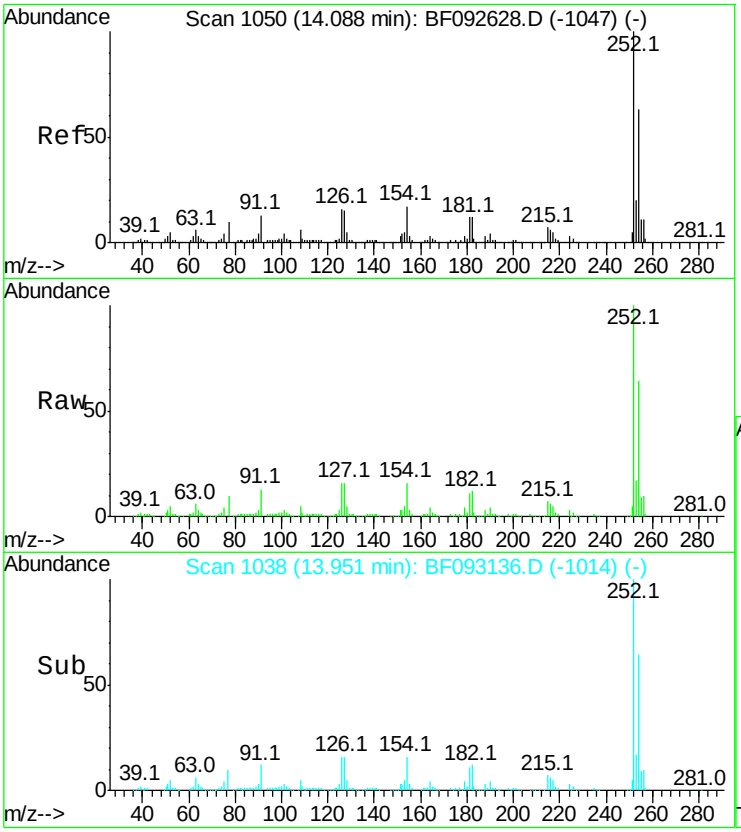


#80
Benzo(a)anthracene
Concen: 47.53 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:228 Resp: 793568

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	19.1	16.2	24.4

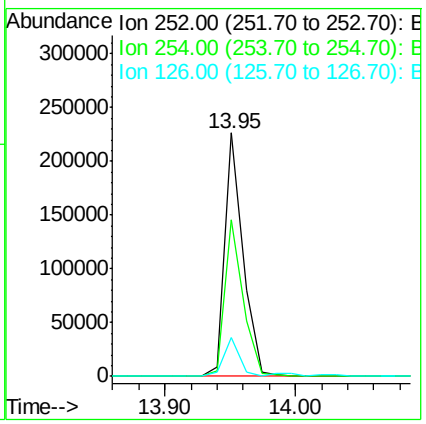




#81
3,3'-Dichlorobenzidine
Concen: 37.12 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:252 Resp: 220901

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	15.9	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

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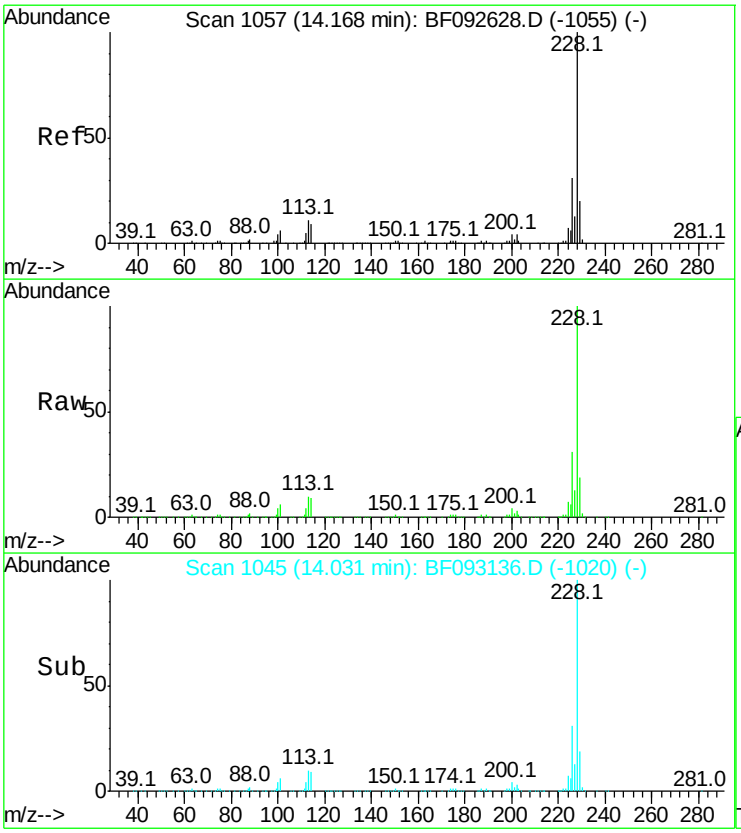
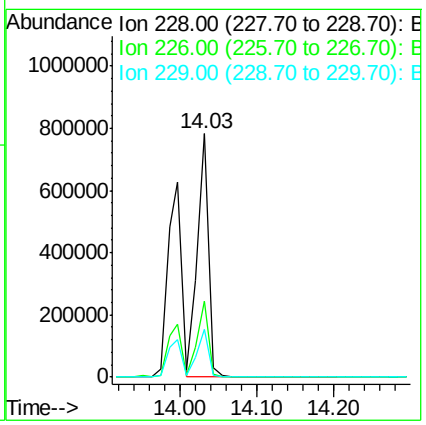
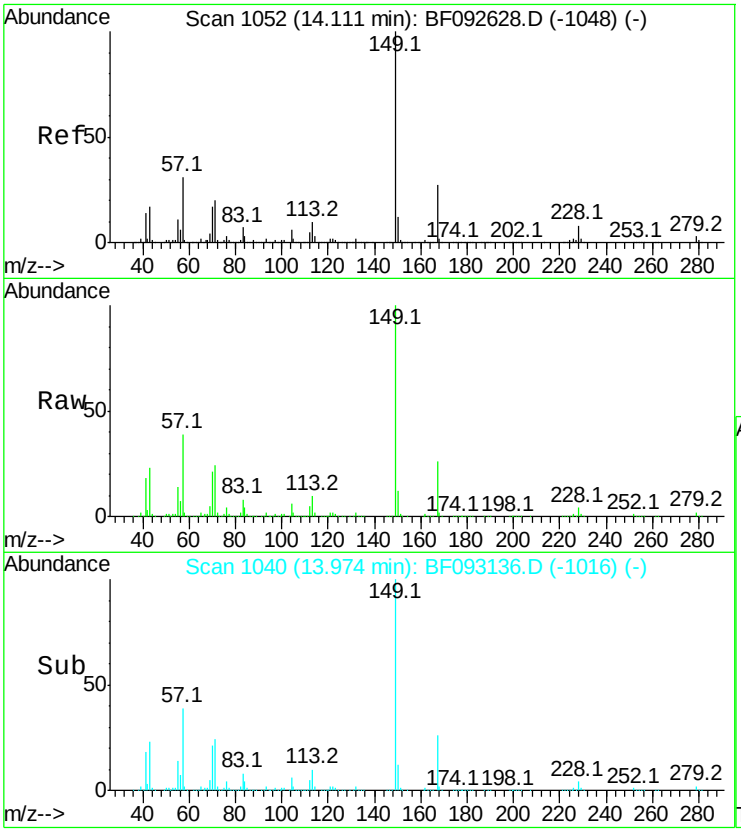


#82
Chrysene
Concen: 50.04 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:228 Resp: 782307

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.5	16.2	24.2





#83
Bis(2-ethylhexyl)phthalate
Concen: 49.35 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:149 Resp: 559841

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	2.1	1.8	2.8

Instrument :
BNA_F
ClientSampleId :
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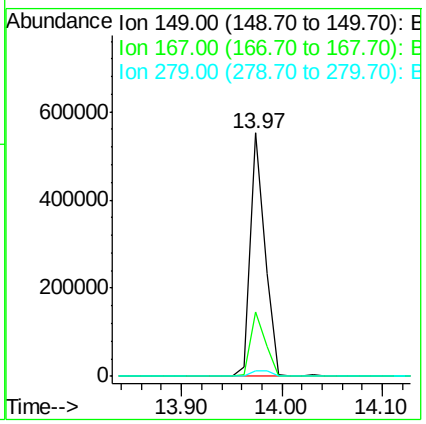
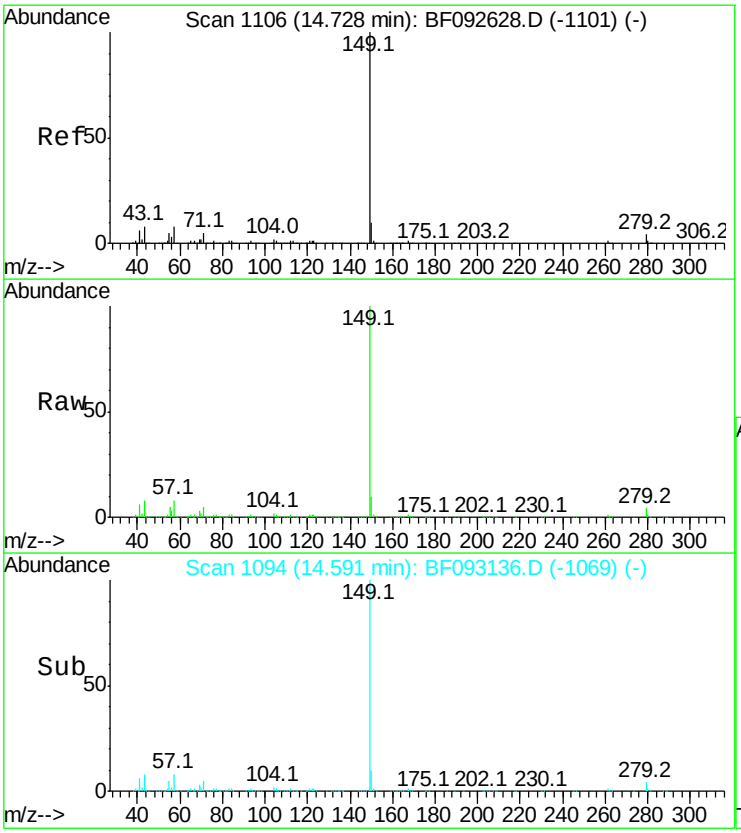
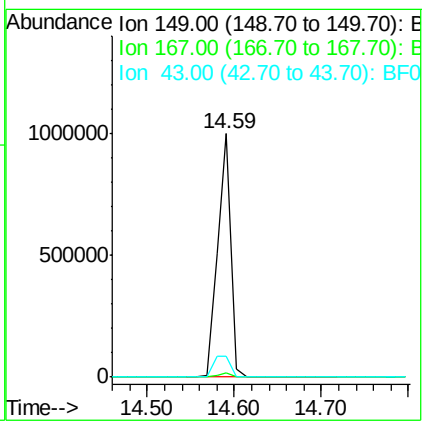


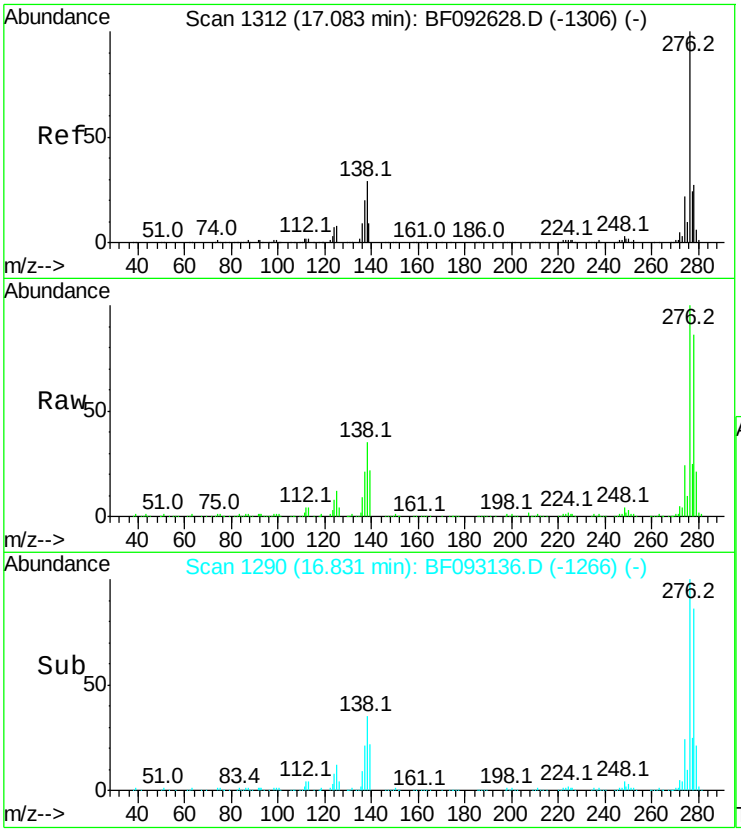


#84
Di-n-octyl phthalate
Concen: 57.69 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:149 Resp: 1065731

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	11.3	8.9	13.3





#85
Indeno(1,2,3-cd)pyrene
Concen: 52.76 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:276 Resp: 638884

Ion	Ratio	Lower	Upper
276	100		
138	34.4	21.8	32.6#
277	25.3	20.2	30.4

Instrument :
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ClientSampleId :
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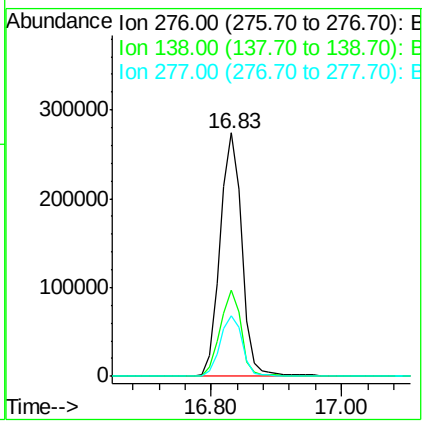
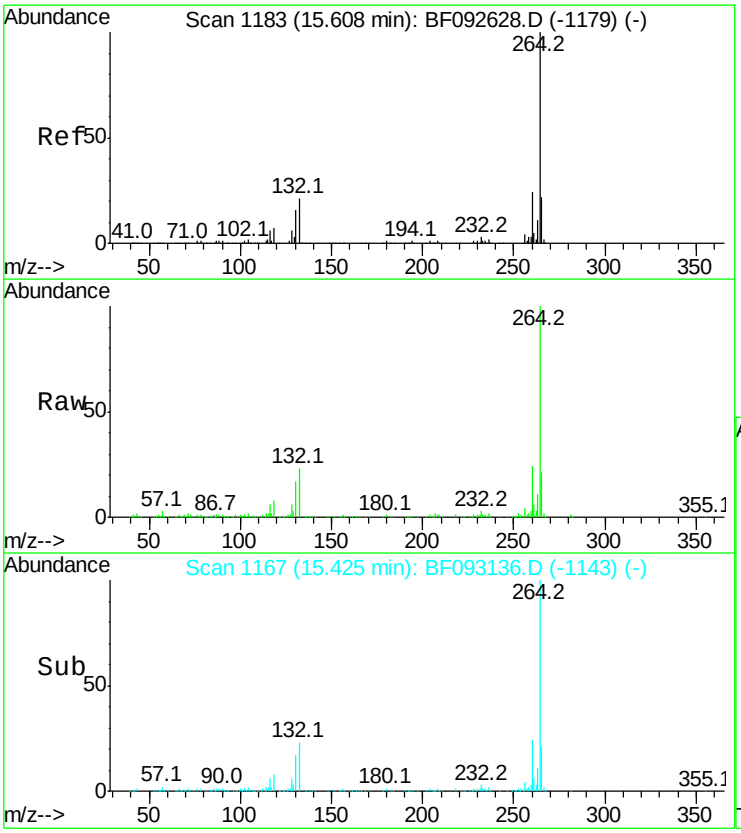
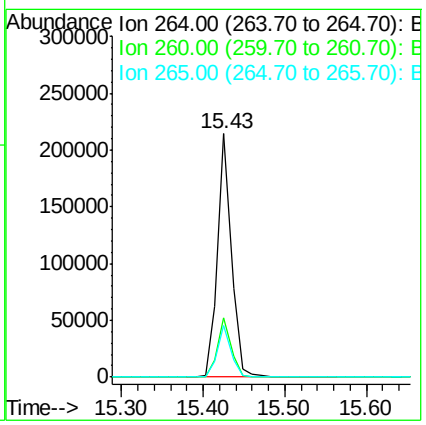


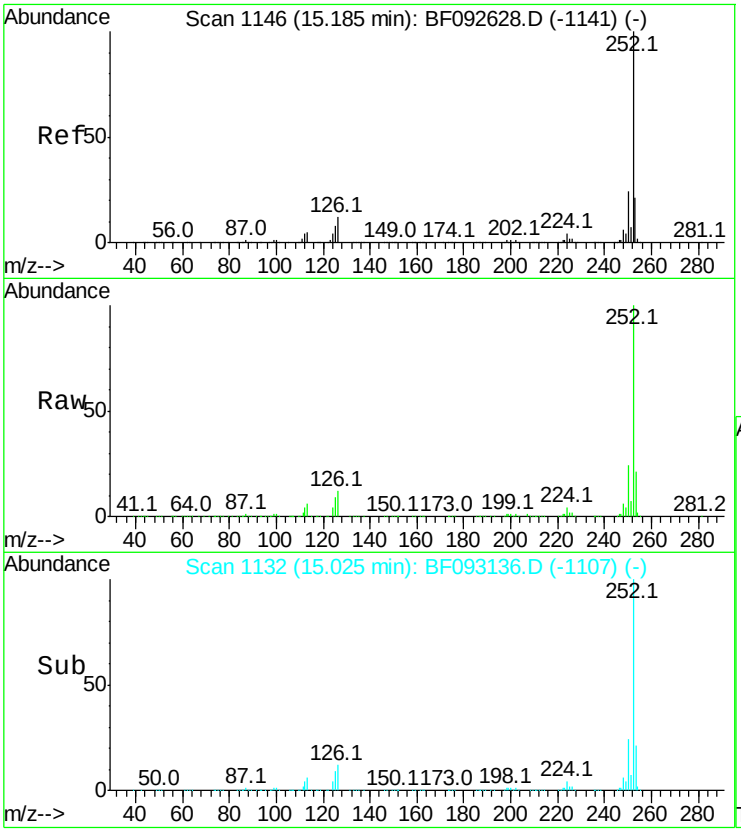


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:264 Resp: 255159

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.4	26.0

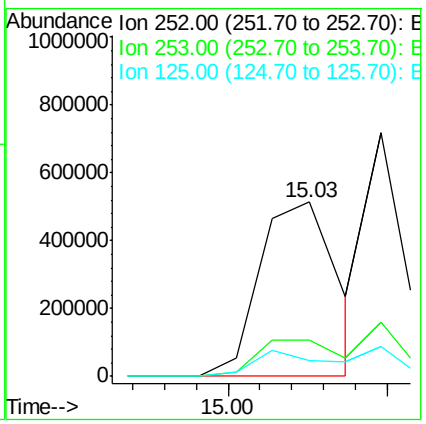




#87
Benzo(b)fluoranthene
Concen: 51.64 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:252 Resp: 867232

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.4
125	8.9	9.8	14.6#



Instrument :
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ClientSampleId :
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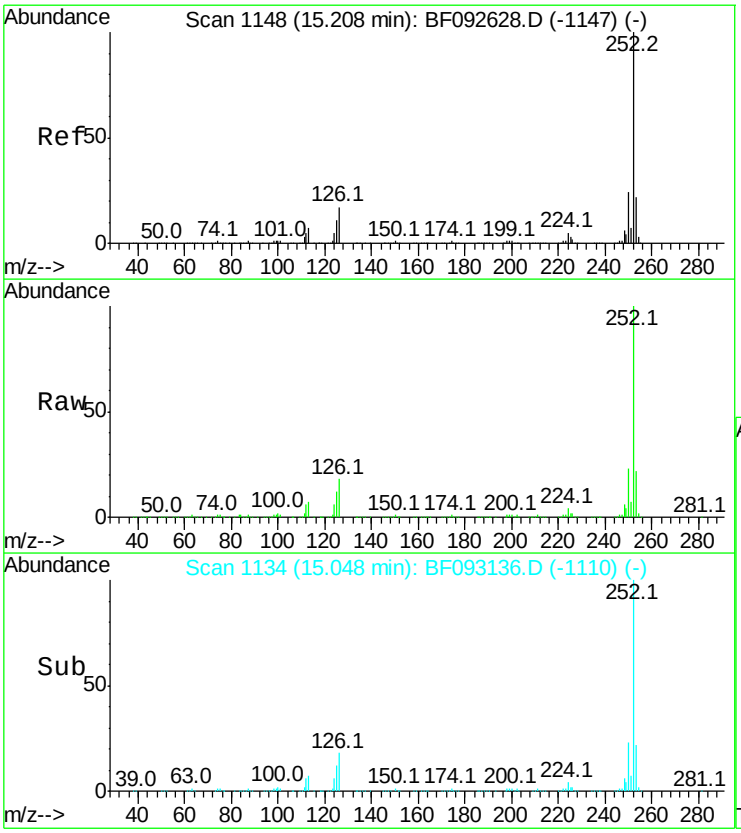
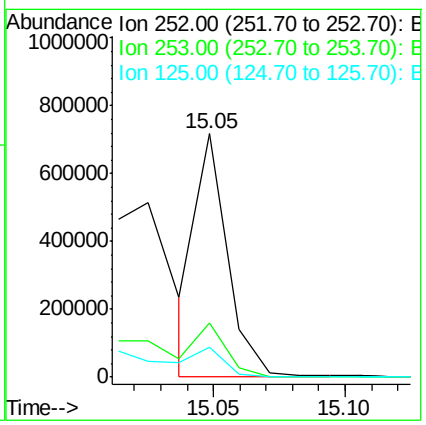
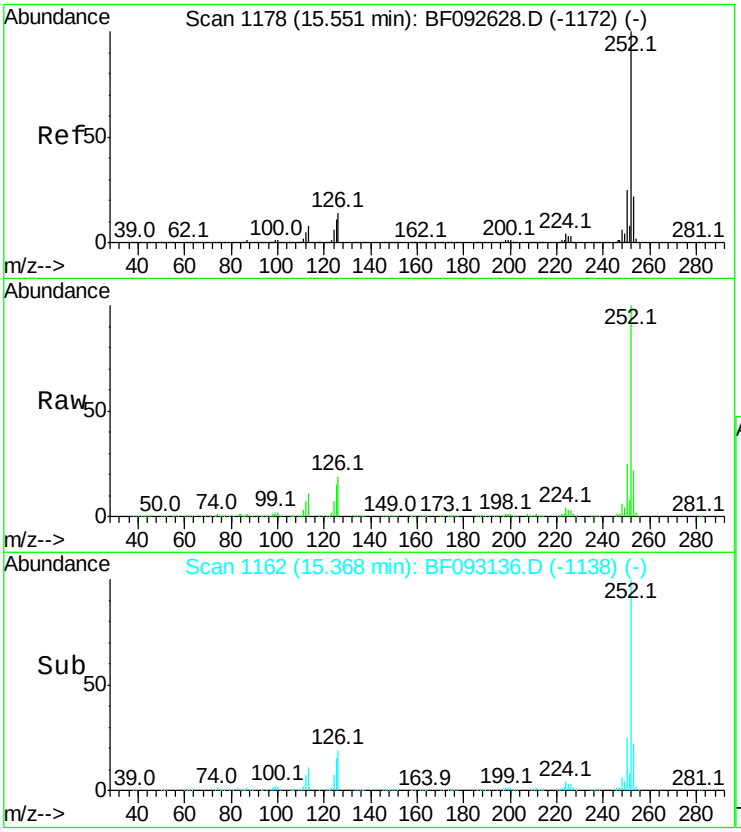


#88
Benzo(k)fluoranthene
Concen: 41.76 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:252 Resp: 605498

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	12.2	8.9	13.3

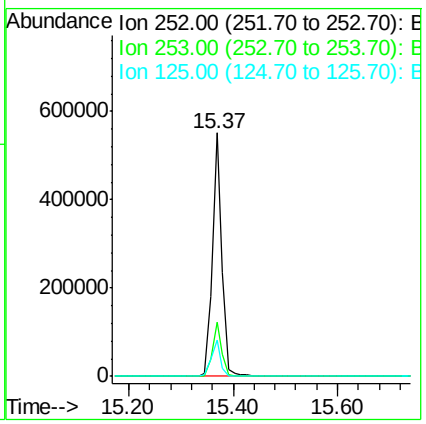




#89
Benzo(a)pyrene
Concen: 48.30 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:252 Resp: 701720

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.0	10.0	15.0



Instrument :
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ClientSampleId :
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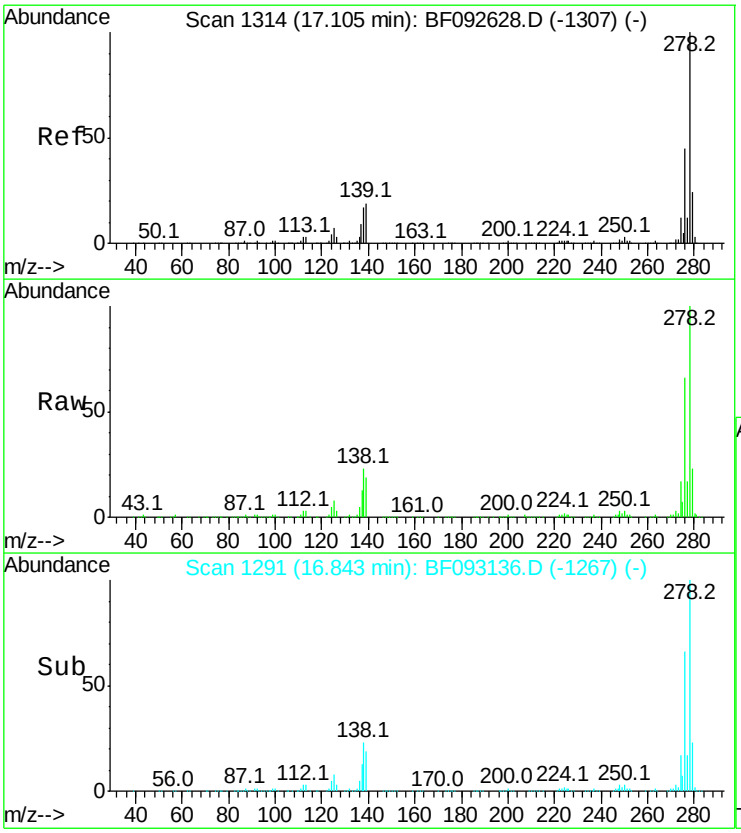
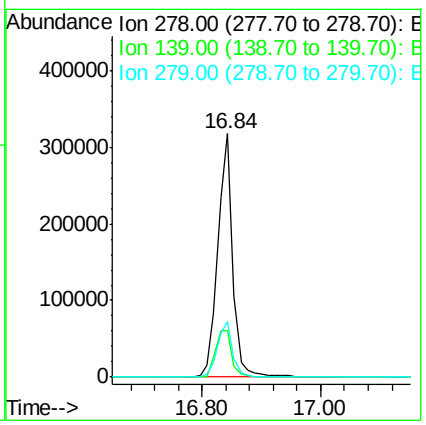
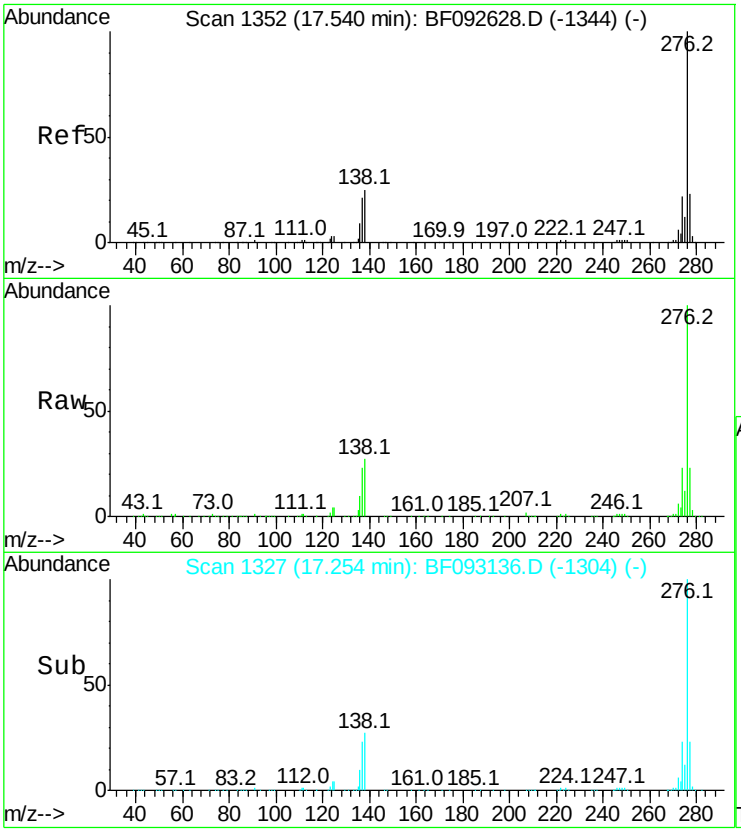


#90
Dibenzo(a,h)anthracene
Concen: 47.29 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:278 Resp: 555254

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	22.9	19.8	29.6

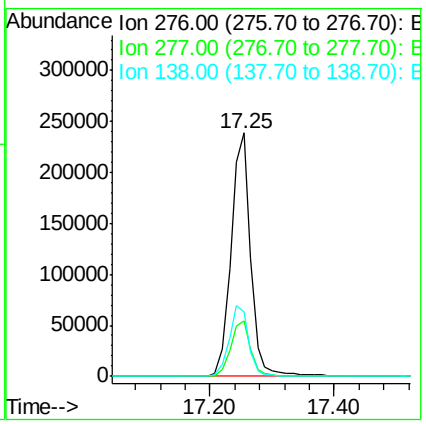




#91
Benzo(g,h,i)perylene
Concen: 43.92 ng
RT: 17.25 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:276 Resp: 520955

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	26.5	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
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