Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089870.D
Acq On : 24 Aug 2016 13:23
Operator : UM/SJ
Sample : H4551-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-1MSD

Manual Integrations APPROVED
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Quant Time: Aug 25 15:19:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	389355	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	1612727	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	719931	20.00	ng		-0.01
63) Phenanthrene-d10	11.19	188	1386337	20.00	ng		0.00
75) Chrysene-d12	13.86	240	1161495	20.00	ng		-0.01
86) Perylene-d12	15.37	264	1001746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2282882	100.55	ng		-0.01
7) Phenol-d6	6.31	99	2974028	106.71	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1700871	65.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	662318	96.80	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3333214	81.37	ng		-0.01
78) Terphenyl-d14	12.78	244	2777312	54.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	342840	30.51	ng		98
3) Pyridine	2.80	79	870678	29.54	ng		95
4) n-Nitrosodimethylamine	2.75	42	396409	36.13	ng	#	86
6) Aniline	6.32	93	1017586	27.22	ng	#	1
8) 2-Chlorophenol	6.44	128	890658	32.80	ng		98
9) Benzaldehyde	6.20	77	219603	12.10	ng		88
10) Phenol	6.32	94	1286053	39.37	ng		99
11) bis(2-Chloroethyl)ether	6.41	93	1010684	39.90	ng		97
12) 1,3-Dichlorobenzene	6.60	146	985969	34.74	ng		97
13) 1,4-Dichlorobenzene	6.68	146	1047230	35.89	ng		98
14) 1,2-Dichlorobenzene	6.83	146	893018m	32.79	ng		
15) Benzyl Alcohol	6.81	79	675596	36.55	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1029447	31.76	ng		94
17) 2-Methylphenol	6.94	107	819432	38.53	ng		95
18) Hexachloroethane	7.19	117	354396	34.06	ng	#	86
19) n-Nitroso-di-n-propylamine	7.10	70	684859	38.42	ng	#	85
20) 3+4-Methylphenols	7.08	107	929029	35.63	ng	#	89
22) Acetophenone	7.08	105	1214350	32.79	ng	#	89
24) Nitrobenzene	7.26	77	1031726	35.42	ng	#	86
25) Isophorone	7.50	82	1771051	33.83	ng		95
26) 2-Nitrophenol	7.58	139	508323	34.98	ng		97
27) 2,4-Dimethylphenol	7.62	122	928994	35.47	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1054118	32.54	ng		99
29) 2,4-Dichlorophenol	7.82	162	836694	38.07	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	787964	32.42	ng		98
31) Naphthalene	7.98	128	2664320	35.35	ng		100
33) 4-Chloroaniline	8.02	127	674371	20.64	ng	#	85
34) Hexachlorobutadiene	8.10	225	408543	32.10	ng		99
35) Caprolactam	8.38	113	216485	32.35	ng	#	81
36) 4-Chloro-3-methylphenol	8.51	107	778742	32.72	ng		93
37) 2-Methylnaphthalene	8.67	142	1800503	36.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	619134	26.56	ng		99
40) Hexachlorocyclopentadiene	8.83	237	706184	87.25	ng		97
42) 2,4,6-Trichlorophenol	8.95	196	556186	37.92	ng		99

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Acq On : 24 Aug 2016 13:23
Operator : UM/SJ
Sample : H4551-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-1MSD

Manual Integrations APPROVED
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Quant Time: Aug 25 15:19:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	504740	34.60	ng	#	88
45) 1,1'-Biphenyl	9.13	154	1723821	30.94	ng		99
46) 2-Chloronaphthalene	9.15	162	1551951	35.24	ng		97
47) 2-Nitroaniline	9.24	65	449967	35.82	ng		99
48) Acenaphthylene	9.56	152	2391833	36.14	ng		99
49) Dimethylphthalate	9.45	163	2899222	57.19	ng	#	98
50) 2,6-Dinitrotoluene	9.50	165	384160	32.82	ng		93
51) Acenaphthene	9.74	154	1417801	32.37	ng		99
52) 3-Nitroaniline	9.66	138	376193	29.01	ng		98
53) 2,4-Dinitrophenol	9.76	184	17832	6.25	ng		96
54) Dibenzofuran	9.91	168	2150674	39.09	ng		96
55) 4-Nitrophenol	9.83	139	684527	64.68	ng		96
56) 2,4-Dinitrotoluene	9.90	165	549007	36.15	ng	#	76
57) Fluorene	10.25	166	1554230	35.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	428249m	40.34	ng		
59) Diethylphthalate	10.15	149	1944237	37.76	ng		96
60) 4-Chlorophenyl-phenylether	10.25	204	694997	34.75	ng		97
61) 4-Nitroaniline	10.27	138	513818	42.27	ng		93
62) Azobenzene	10.41	77	1934357	39.96	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	126539	15.88	ng		88
65) n-Nitrosodiphenylamine	10.36	169	1537055	35.26	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	515236	35.45	ng	#	93
67) Hexachlorobenzene	10.80	284	560797	33.82	ng	#	93
68) Atrazine	10.90	200	454250	34.03	ng		98
69) Pentachlorophenol	10.99	266	521044	55.44	ng		98
70) Phenanthrene	11.21	178	2796793	39.94	ng		99
71) Anthracene	11.26	178	2469533	34.70	ng		99
72) Carbazole	11.42	167	2577696	40.38	ng		97
73) Di-n-butylphthalate	11.77	149	2977314	37.28	ng	#	97
74) Fluoranthene	12.39	202	2582656	38.78	ng		96
76) Benzidine	12.51	184	1036215	27.57	ng		98
77) Pyrene	12.62	202	2683973	28.38	ng		98
79) Butylbenzylphthalate	13.27	149	1299462	30.42	ng	#	85
80) Benzo(a)anthracene	13.85	228	2334389	35.09	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	700935	32.14	ng		99
82) Chrysene	13.90	228	2049374	35.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2091764	35.55	ng		98
84) Di-n-octyl phthalate	14.57	149	3197968	40.90	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	1885890	25.92	ng		99
87) Benzo(b)fluoranthene	14.98	252	2200220	39.93	ng	#	96
88) Benzo(k)fluoranthene	15.01	252	1952286m	39.05	ng		
89) Benzo(a)pyrene	15.31	252	1909494	36.61	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	1555839	27.48	ng		98
91) Benzo(g,h,i)perylene	17.05	276	1558984	26.15	ng		95

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

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Data File : BF089870.D
Acq On : 24 Aug 2016 13:23
Operator : UM/SJ
Sample : H4551-03MSD
Misc :
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Quant Time: Aug 25 15:19:43 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
AST-1MSD

Manual Integrations APPROVED
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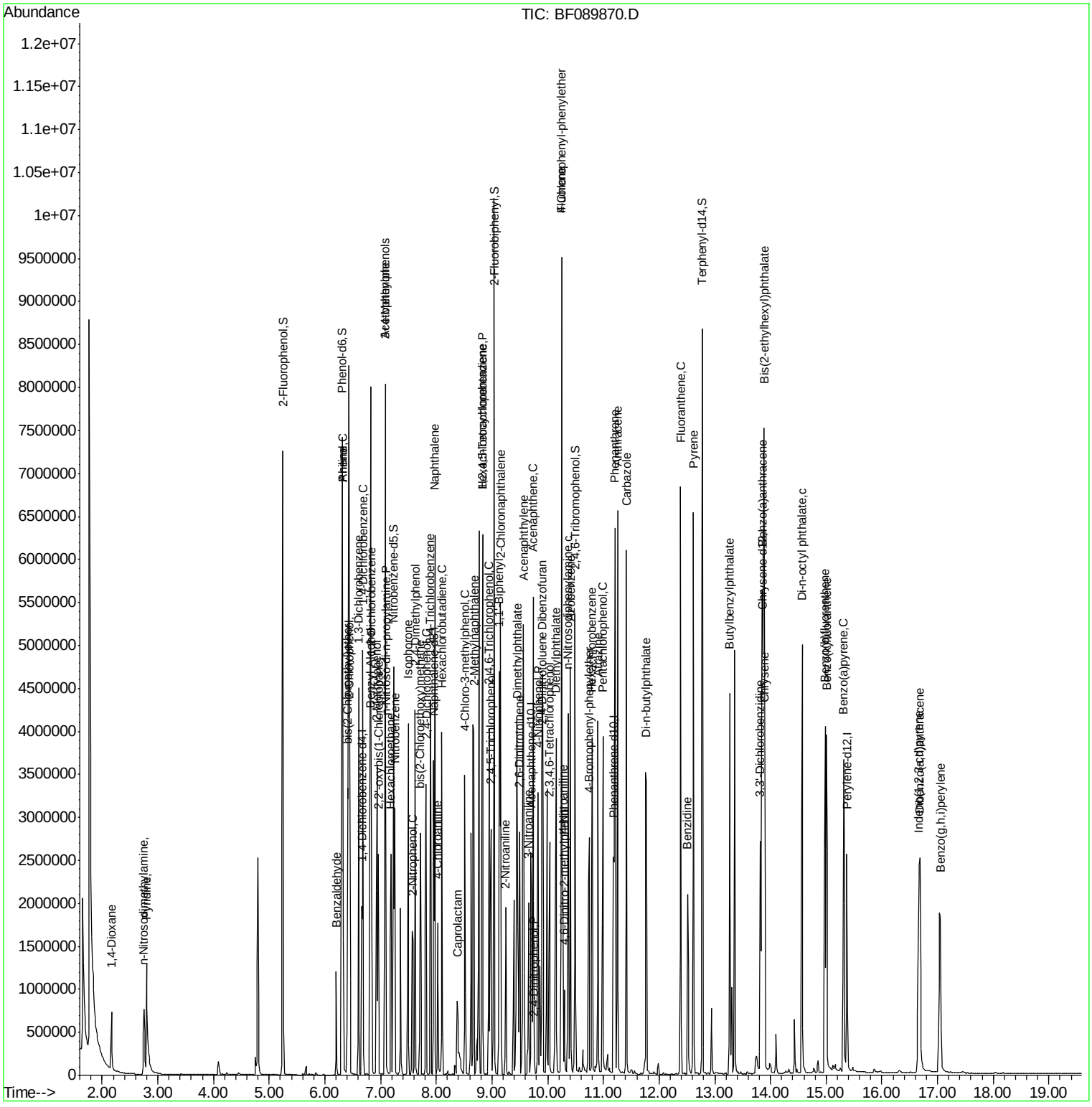
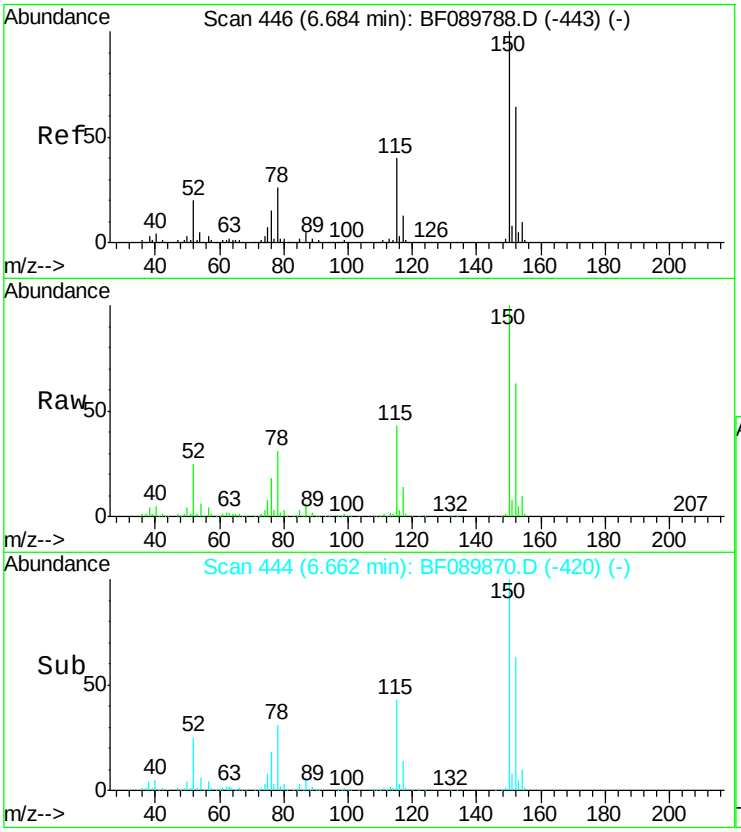
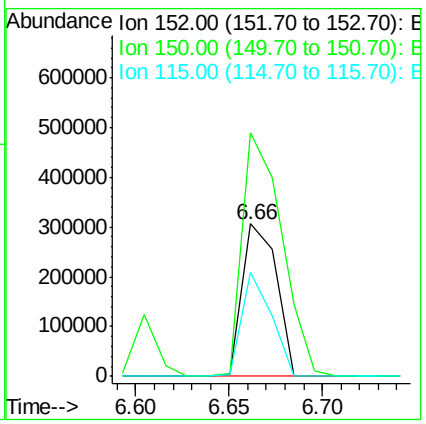




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:152 Resp: 389355

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.3	187.9
115	67.9	40.9	61.3#



Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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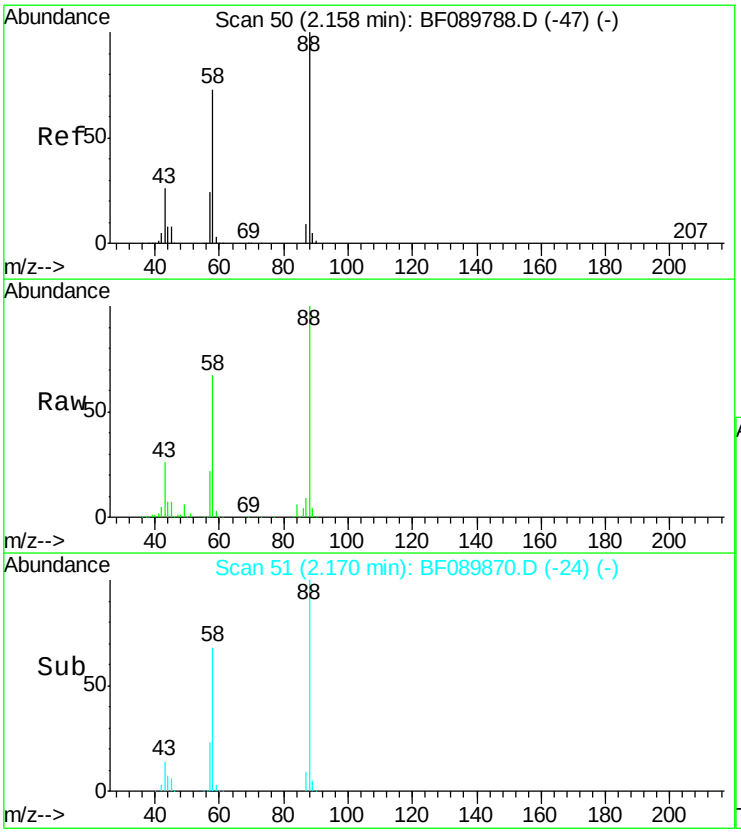
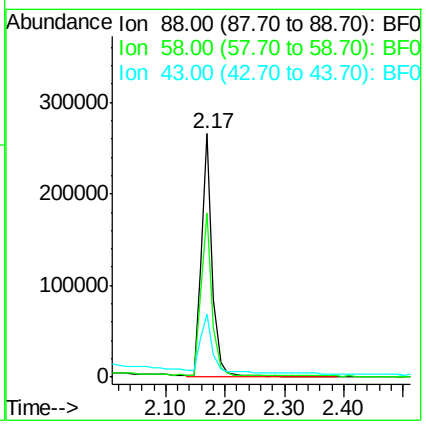
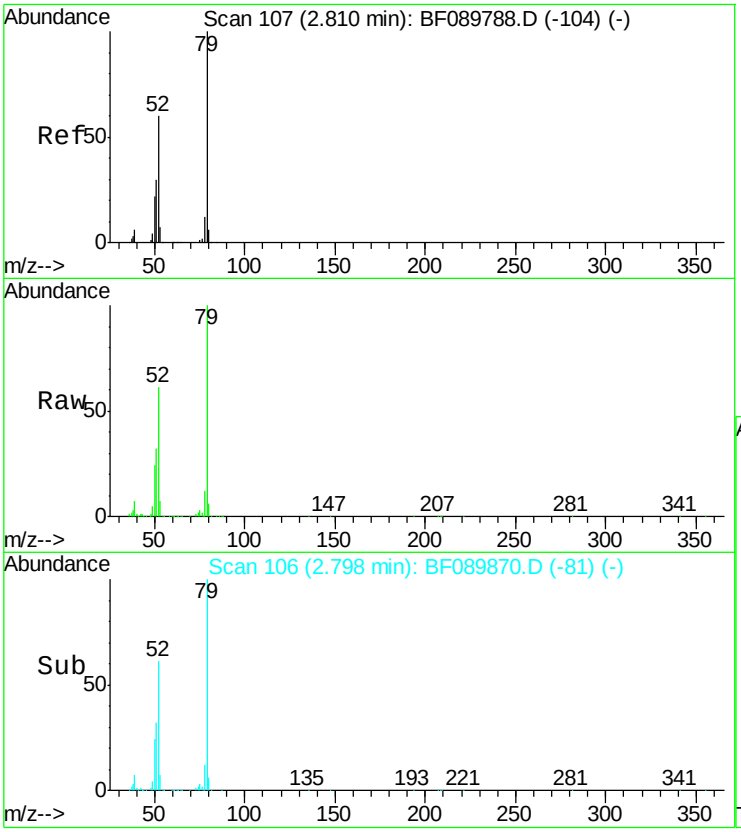


#2
1,4-Dioxane
Concen: 30.51 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 88 Resp: 342840

Ion	Ratio	Lower	Upper
88	100		
58	69.6	57.0	85.4
43	29.2	21.8	32.8

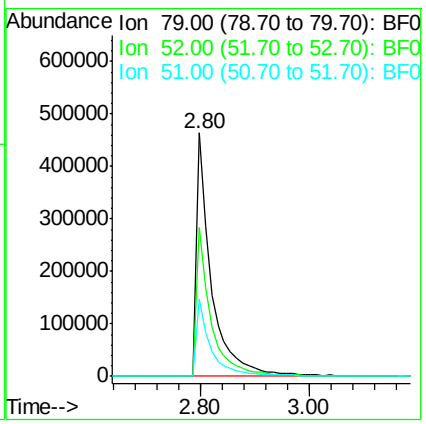




#3
Pyridine
Concen: 29.54 ng
RT: 2.80 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 79 Resp: 870678

Ion	Ratio	Lower	Upper
79	100		
52	61.4	53.6	80.4
51	31.9	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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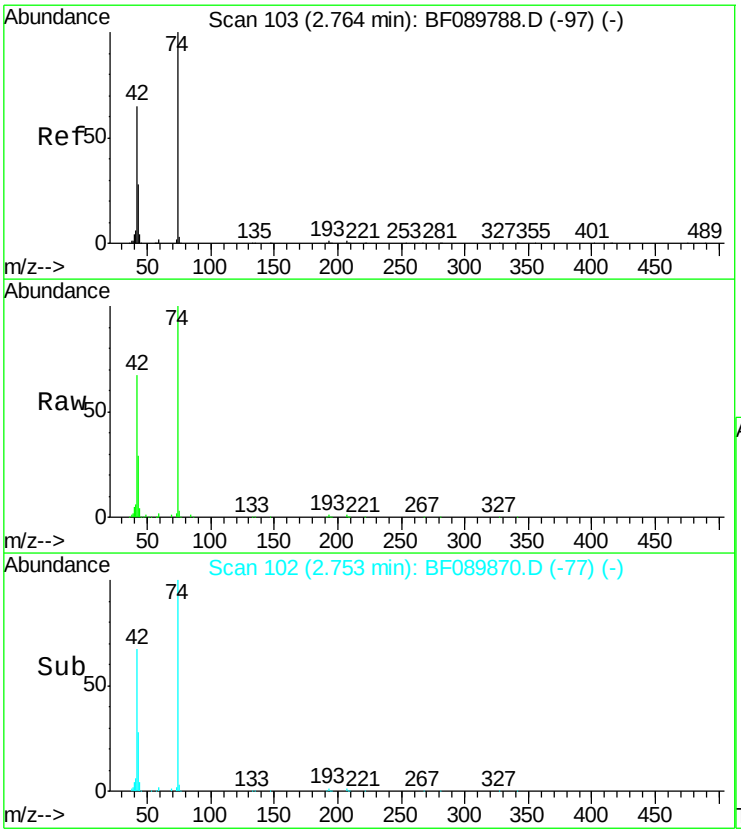
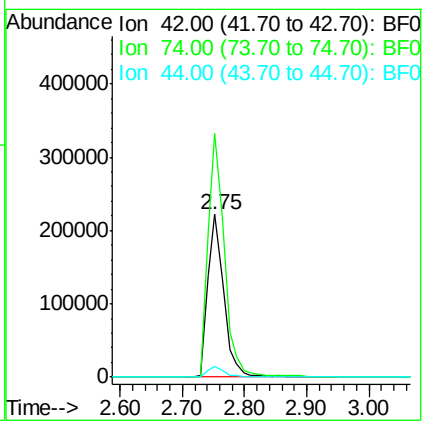
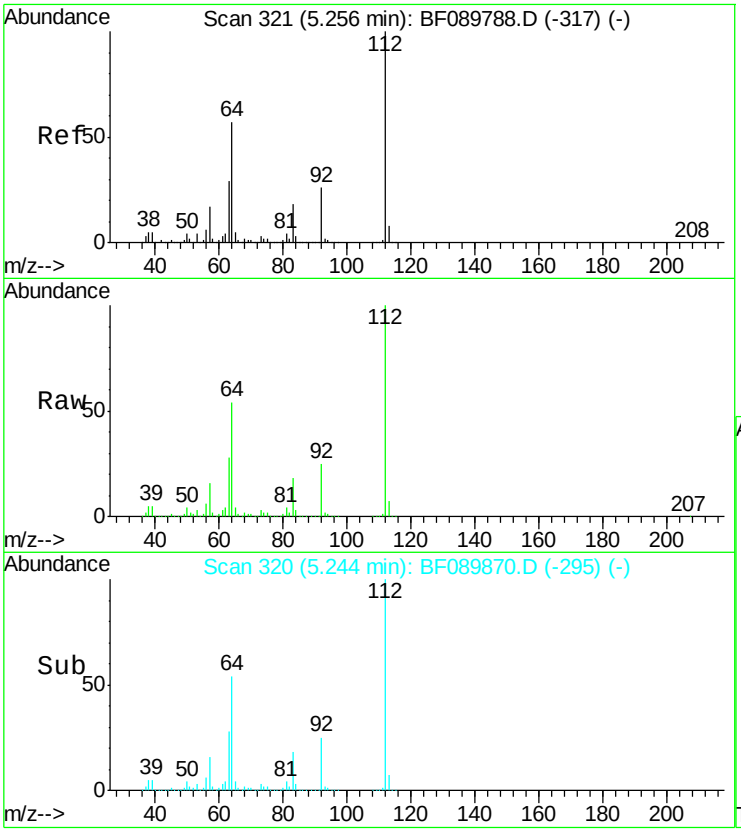


#4
n-Nitrosodimethylamine
Concen: 36.13 ng
RT: 2.75 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 42 Resp: 396409

Ion	Ratio	Lower	Upper
42	100		
74	149.9	106.2	159.2
44	6.5	6.9	10.3#

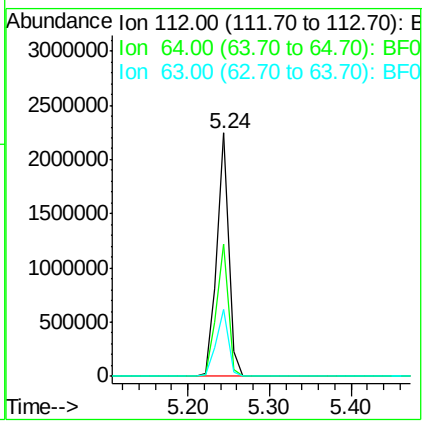




#5
2-Fluorophenol
Concen: 100.55 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:112 Resp: 2282882

Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.0	67.4
63	27.5	23.1	34.7



Instrument :
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ClientSampleId :
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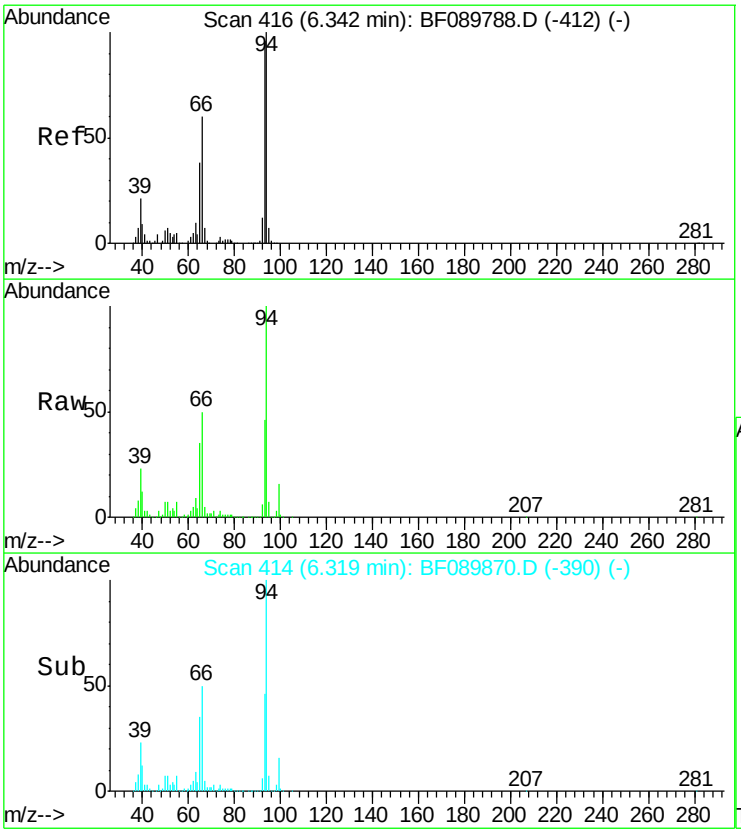
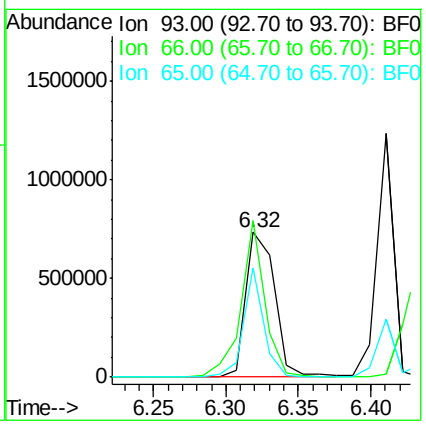
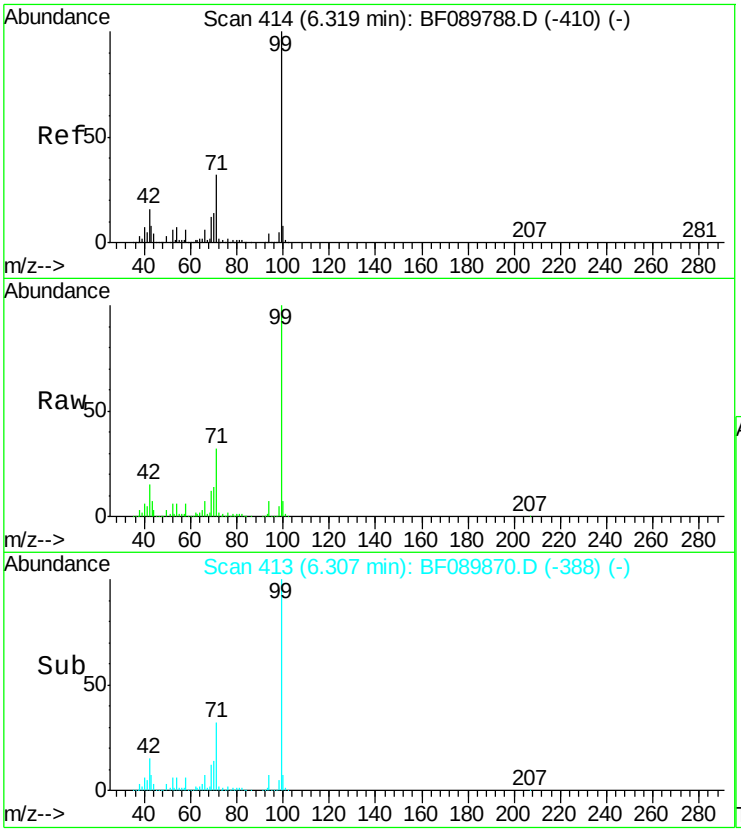


#6
Aniline
Concen: 27.22 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 93 Resp: 1017586

Ion	Ratio	Lower	Upper
93	100		
66	108.4	30.6	46.0#
65	75.0	15.4	23.2#

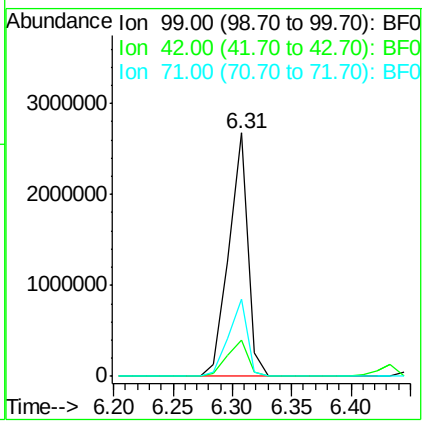




#7
Phenol-d6
Concen: 106.71 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 99 Resp: 2974028

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	31.6	23.8	35.8



Instrument :
BNA_F
ClientSampleId :
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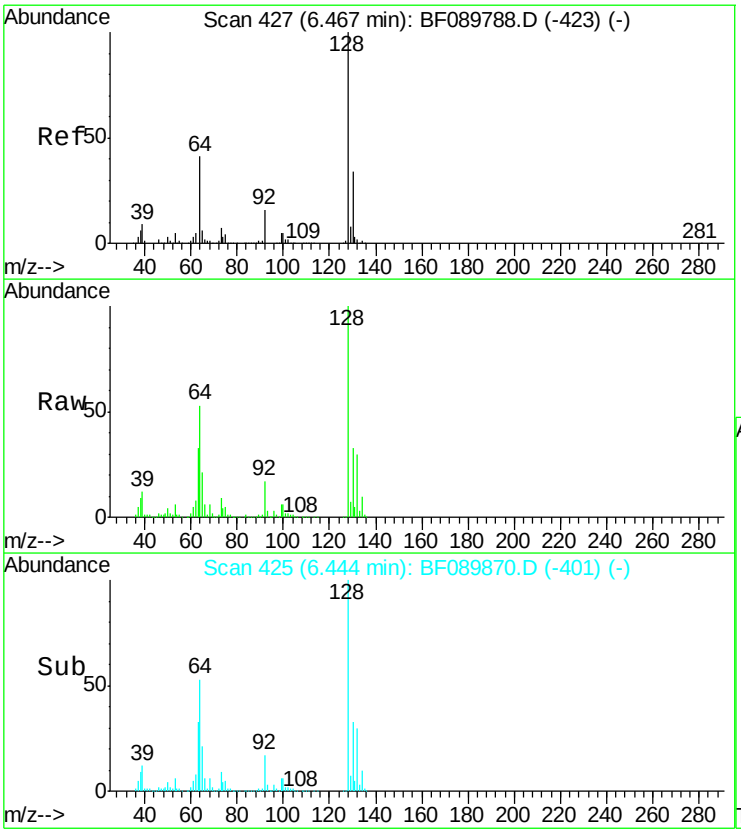
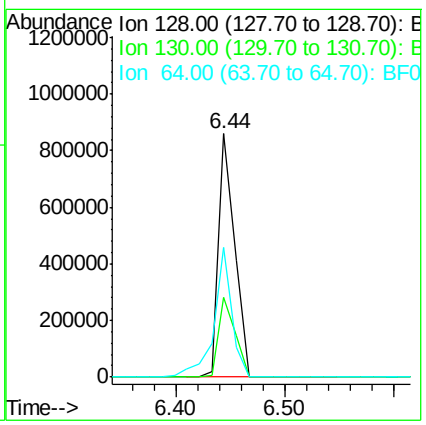
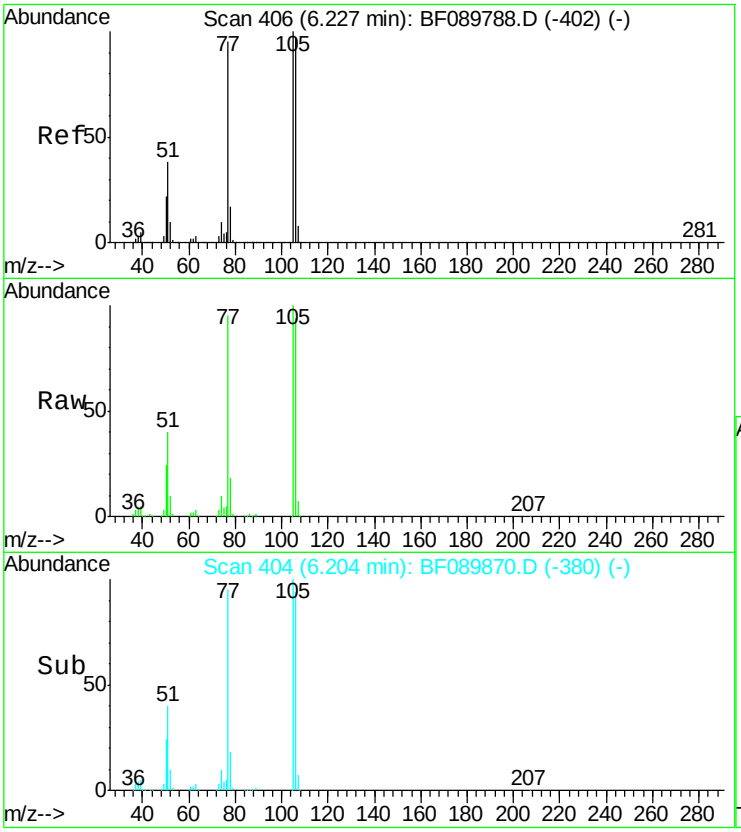


#8
2-Chlorophenol
Concen: 32.80 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:128 Resp: 890658

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	53.4	35.1	75.1

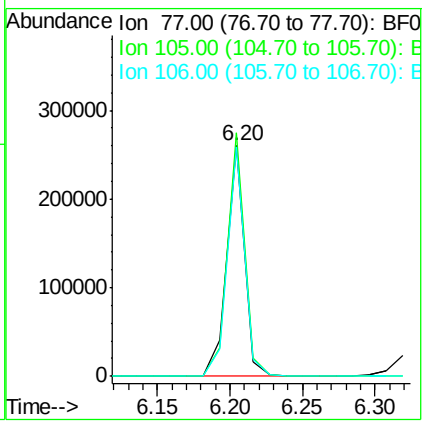




#9
Benzaldehyde
Concen: 12.10 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 77 Resp: 219603

Ion	Ratio	Lower	Upper
77	100		
105	105.7	73.3	113.3
106	99.6	68.6	108.6



Instrument :
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ClientSampleId :
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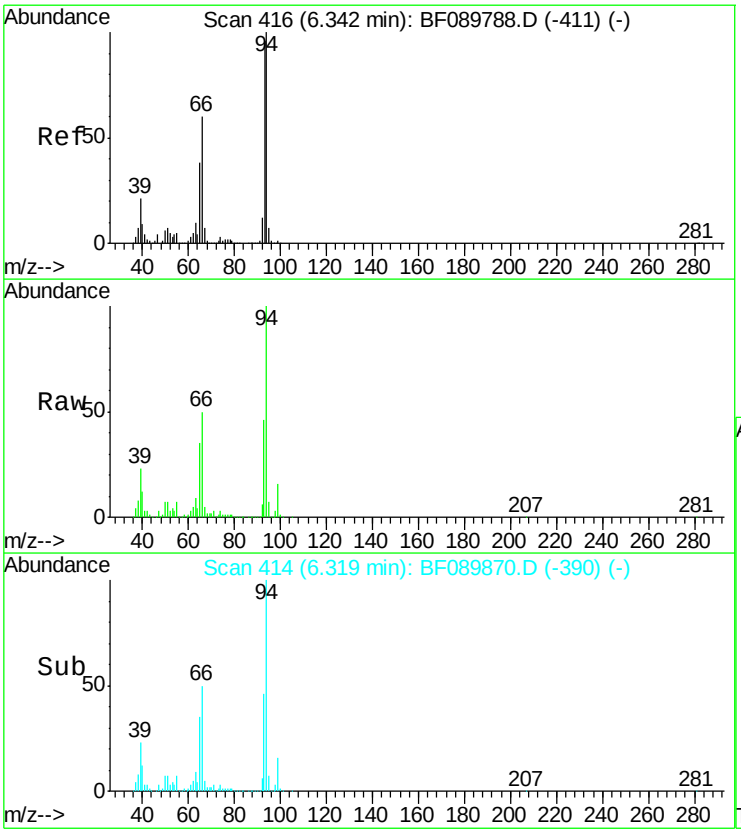
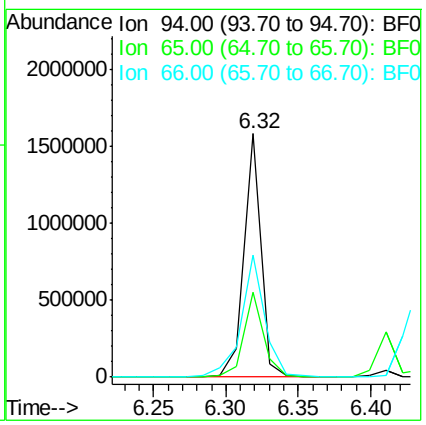
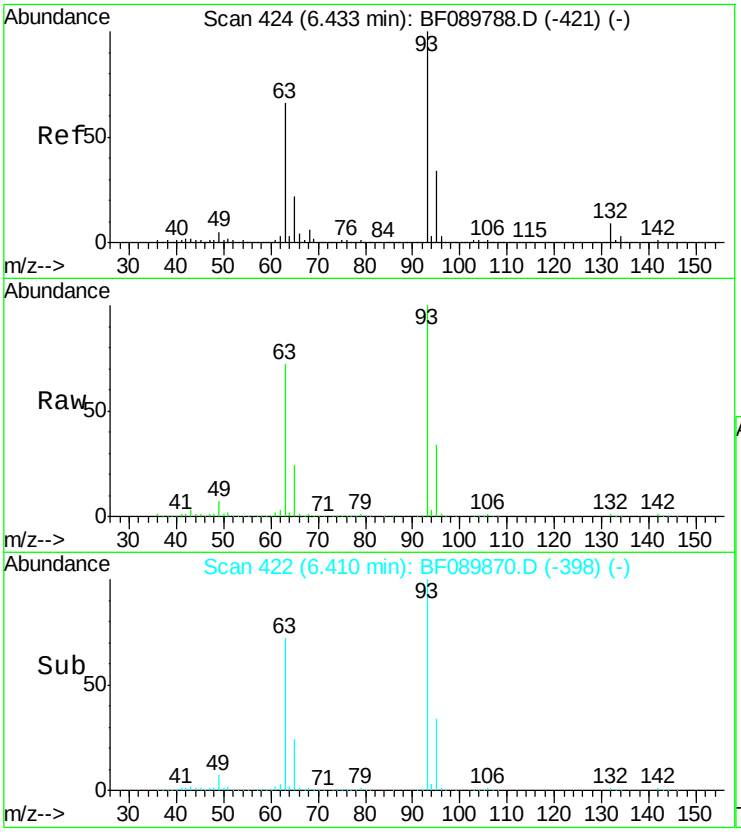


#10
Phenol
Concen: 39.37 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 94 Resp: 1286053

Ion	Ratio	Lower	Upper
94	100		
65	34.8	14.0	54.0
66	50.3	31.2	71.2

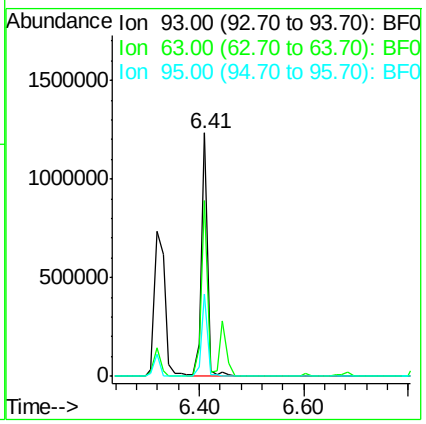




#11
bis(2-Chloroethyl)ether
Concen: 39.90 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 93 Resp: 1010684

Ion	Ratio	Lower	Upper
93	100		
63	72.1	55.8	95.8
95	33.7	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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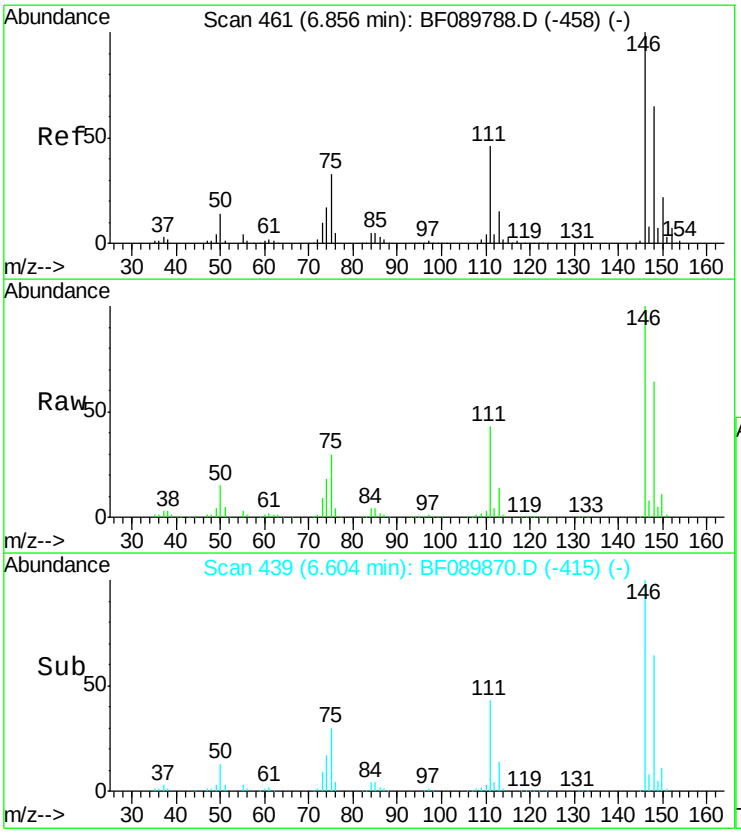
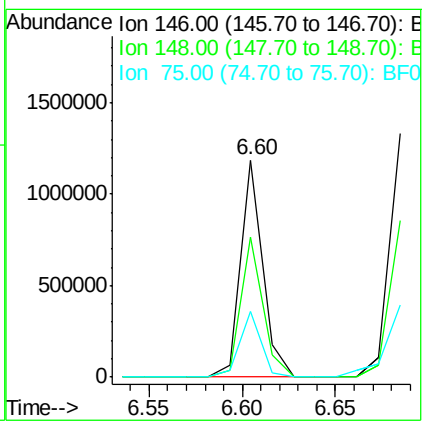
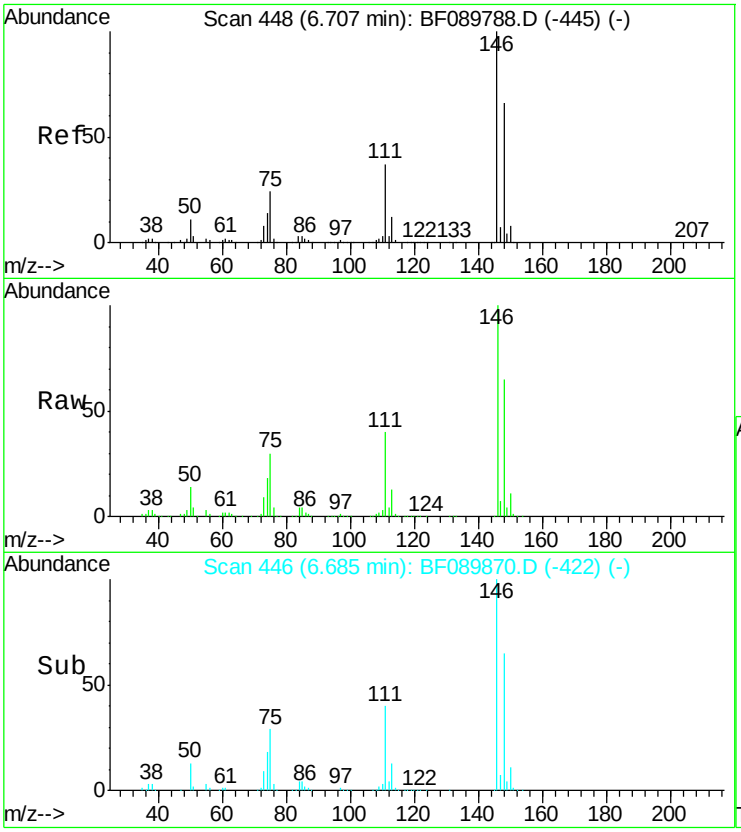


#12
1,3-Dichlorobenzene
Concen: 34.74 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:146 Resp: 985969

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	30.2	27.0	40.6

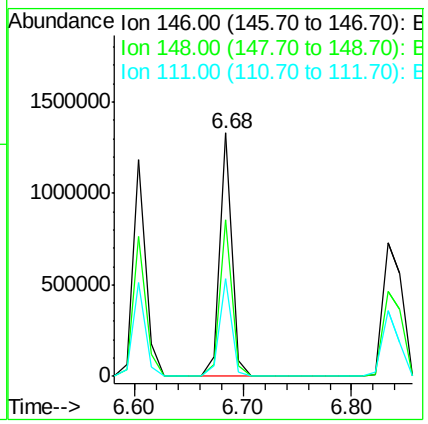




#13
1,4-Dichlorobenzene
Concen: 35.89 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:146 Resp: 1047230

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	40.4	34.6	52.0



Instrument :
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ClientSampleId :
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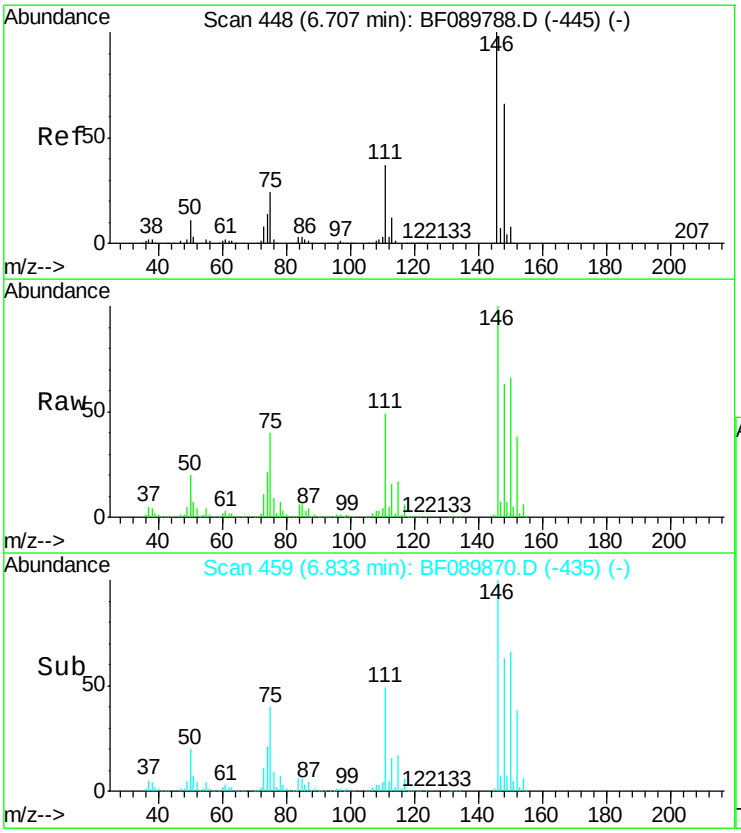
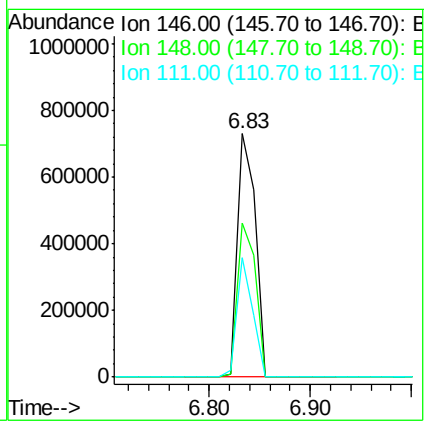
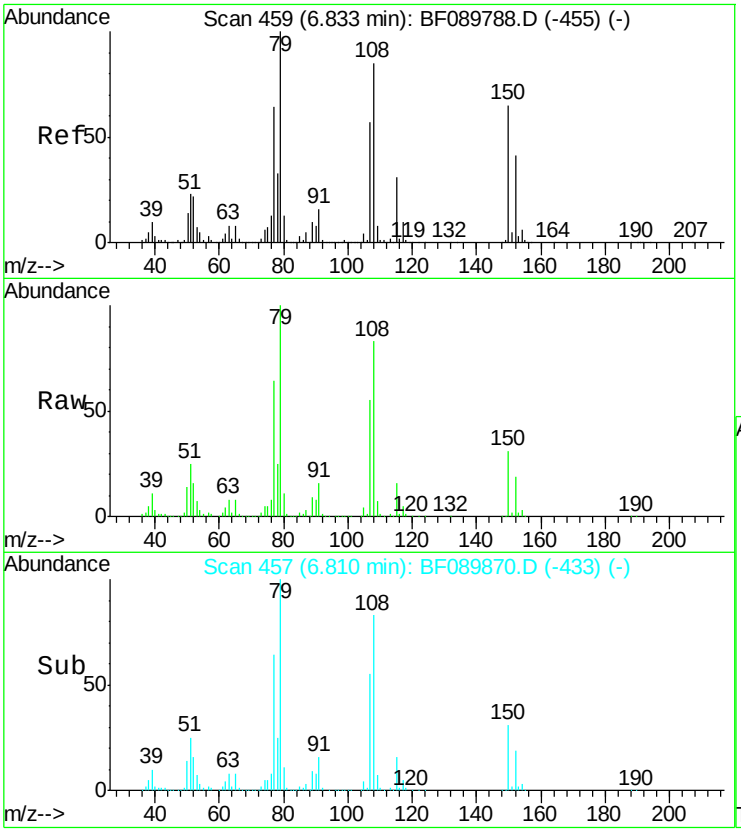


#14
1,2-Dichlorobenzene
Concen: 32.79 ng m
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:146 Resp: 893018

Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	48.9	29.8	44.6#

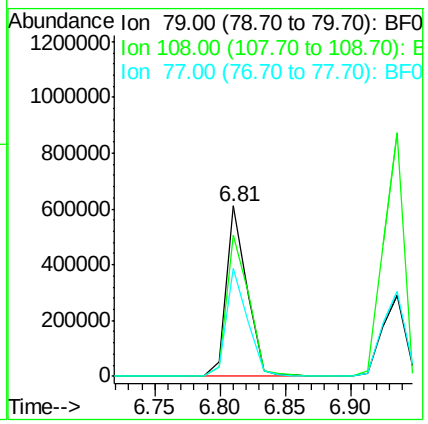




#15
Benzyl Alcohol
Concen: 36.55 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 79 Resp: 675596

Ion	Ratio	Lower	Upper
79	100		
108	83.0	62.5	93.7
77	63.7	51.5	77.3



Instrument :
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ClientSampleId :
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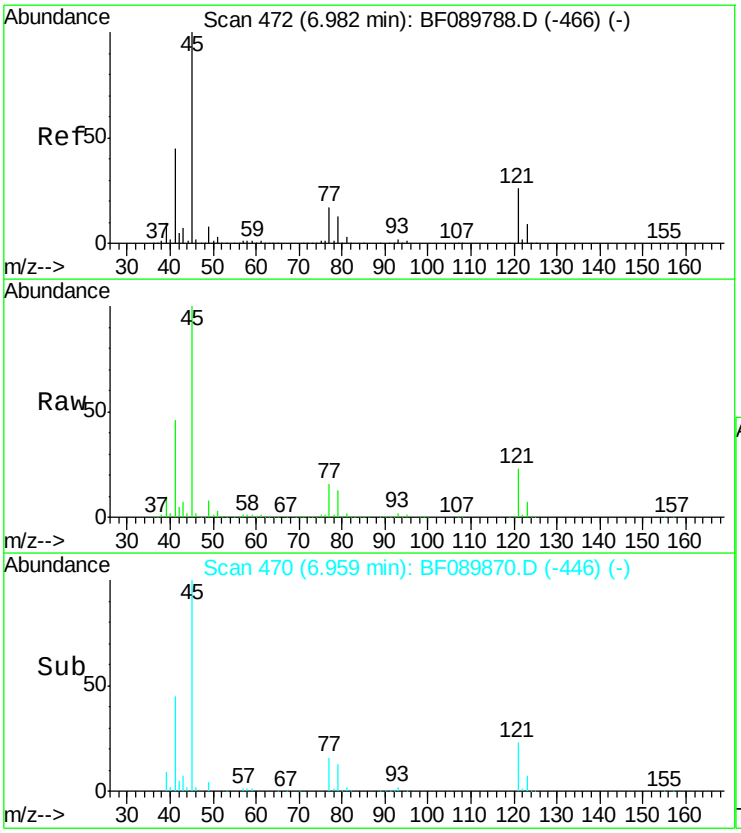
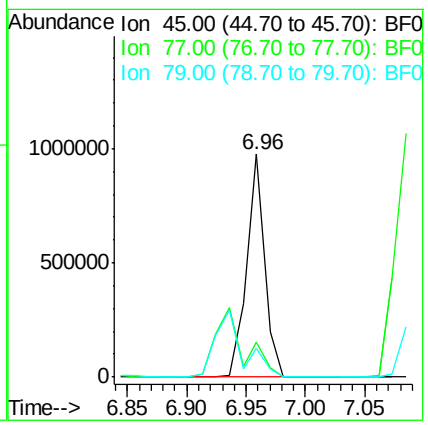
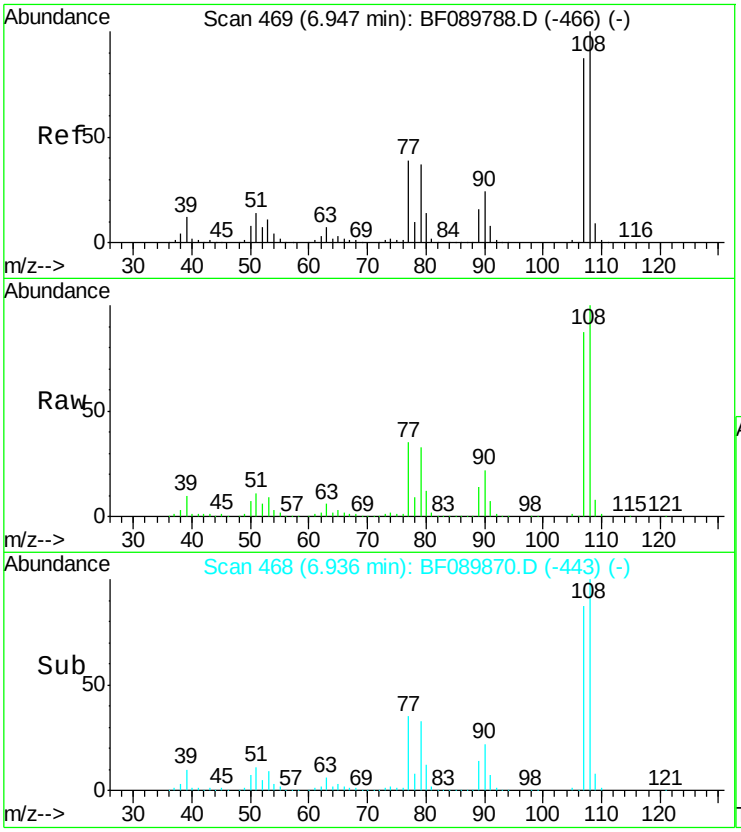


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.76 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 45 Resp: 1029447

Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	33.5
79	12.6	0.0	30.7

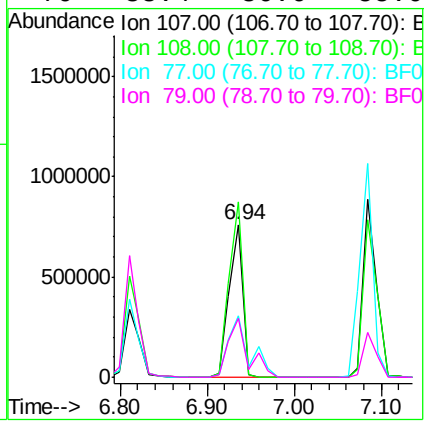




#17
2-Methylphenol
Concen: 38.53 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:107 Resp: 819432

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	40.0	37.4	56.0
79	38.4	36.6	55.0



Instrument :
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ClientSampleId :
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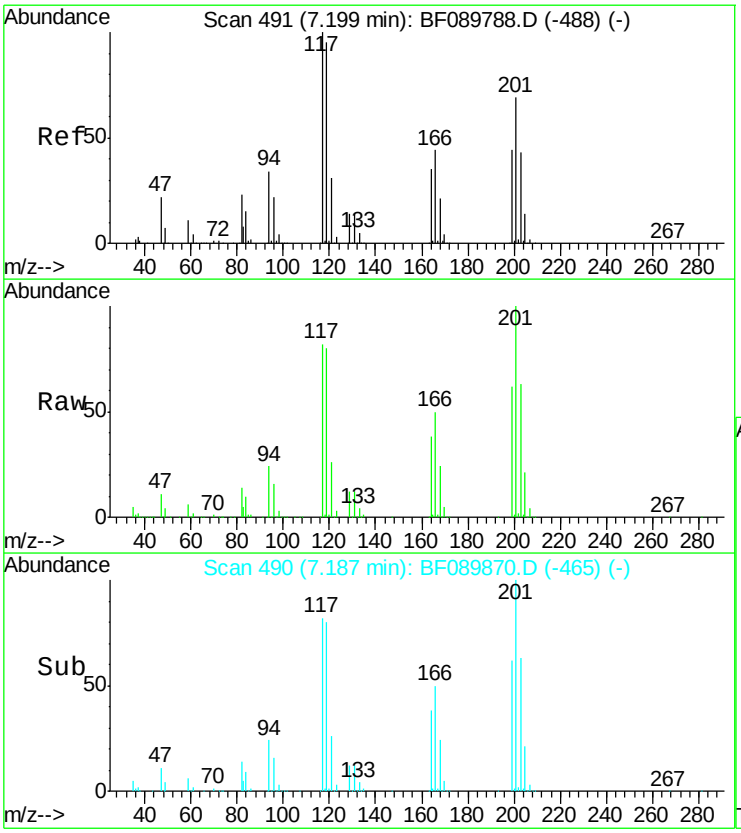
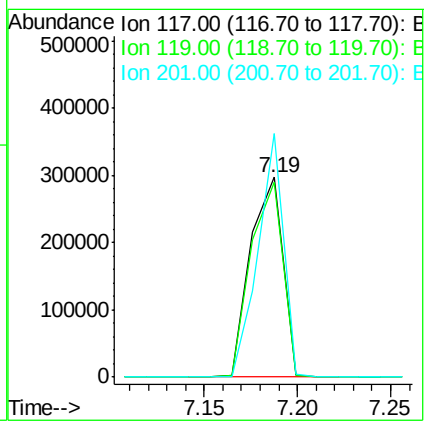
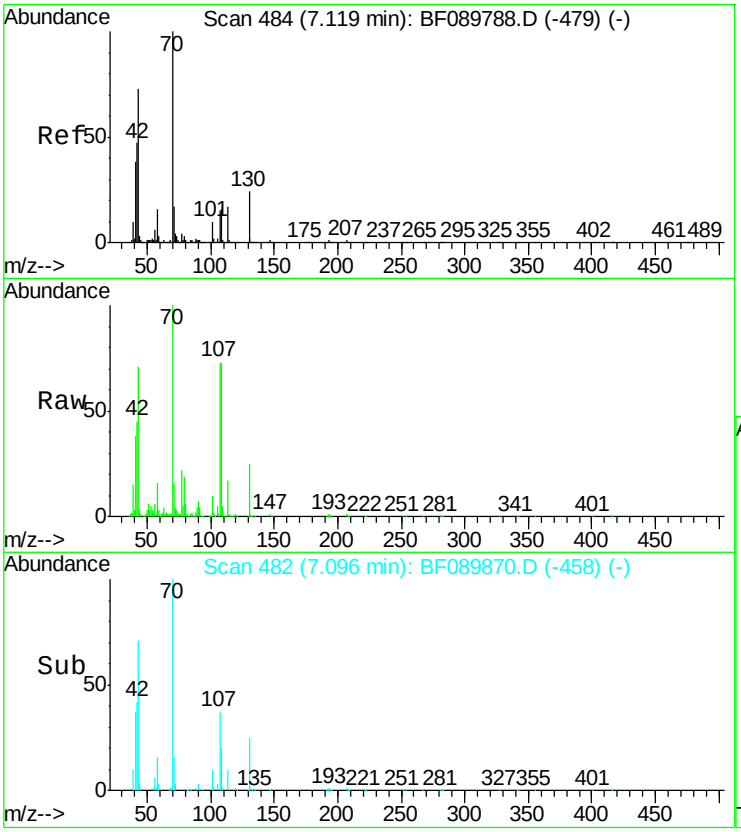


#18
Hexachloroethane
Concen: 34.06 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:117 Resp: 354396

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
201	121.9	76.9	115.3#

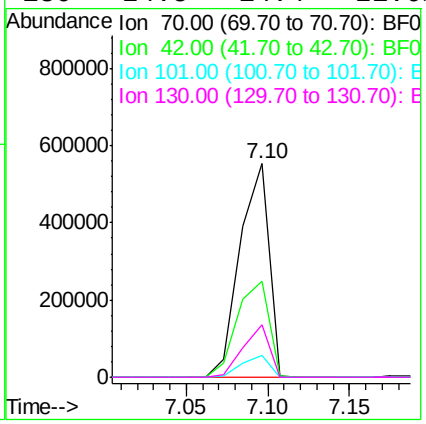




#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 70 Resp: 684859

Ion	Ratio	Lower	Upper
70	100		
42	45.0	46.3	69.5#
101	10.5	7.0	10.6
130	24.5	14.4	21.6#



Instrument :
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ClientSampleId :
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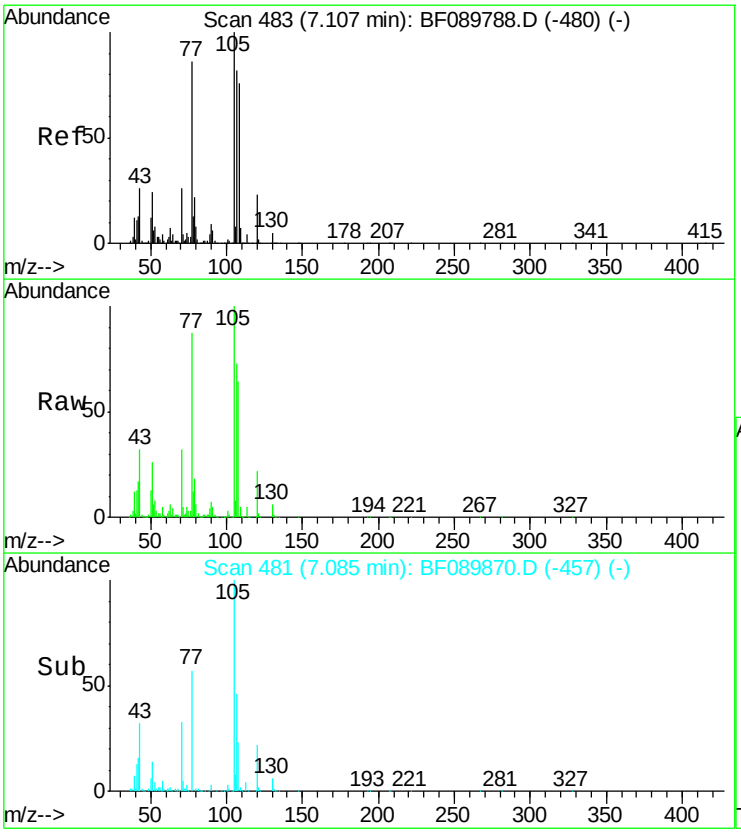
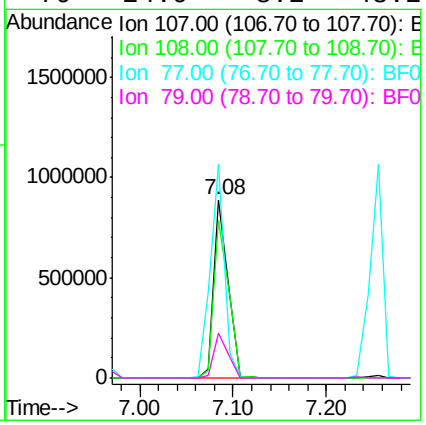
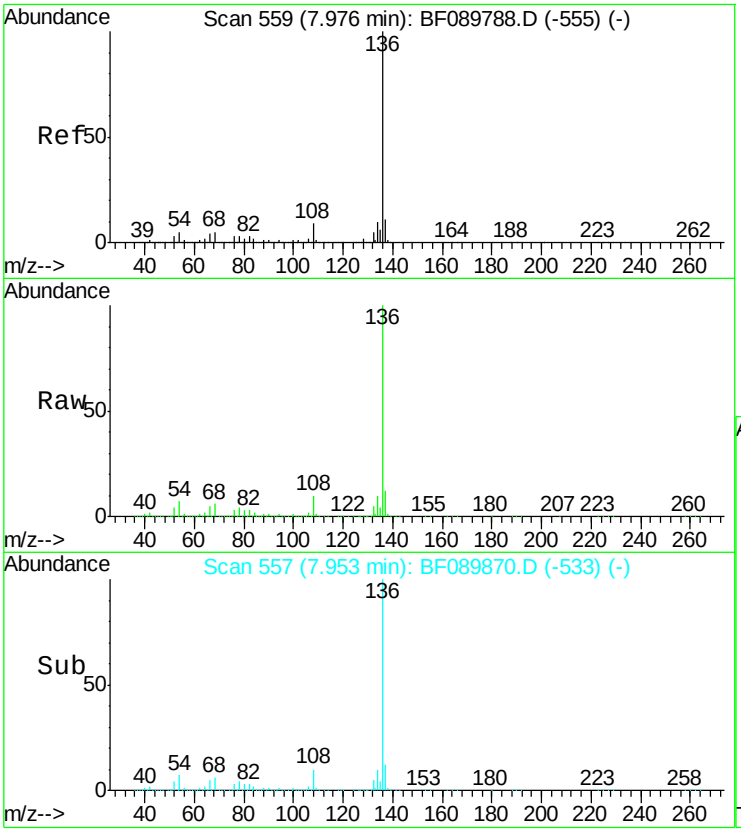


#20
3+4-Methylphenols
Concen: 35.63 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:107 Resp: 929029

Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	119.7	122.3	162.3#
79	24.9	8.2	48.2

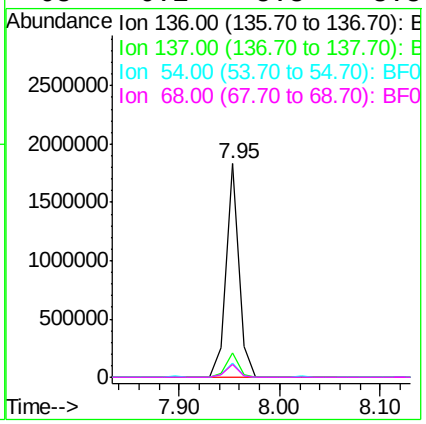




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:136 Resp: 1612727

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.9	7.2	10.8#
68	6.1	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
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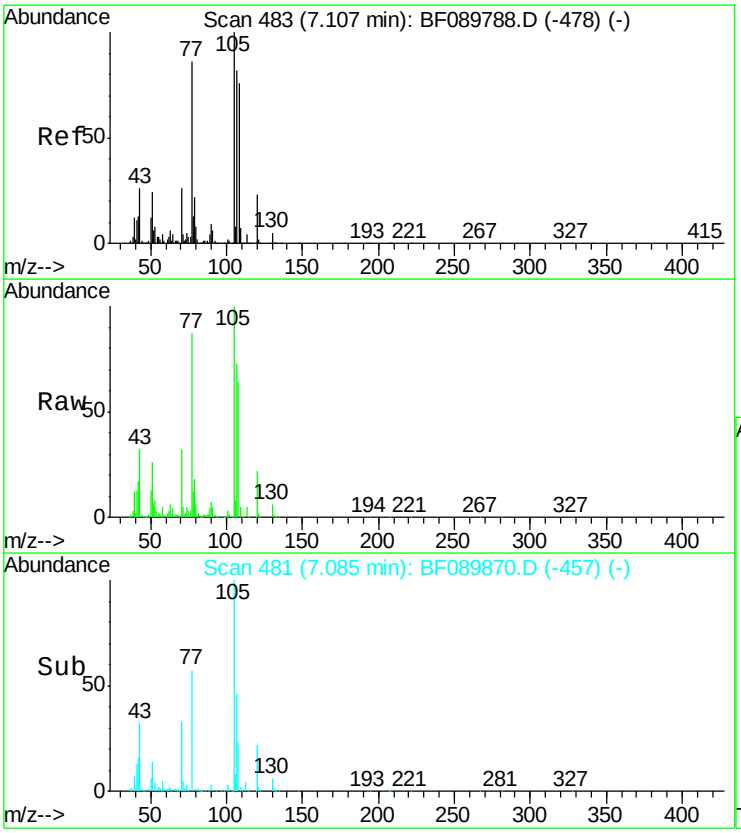
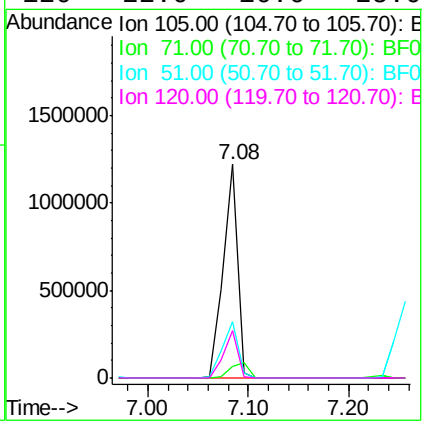
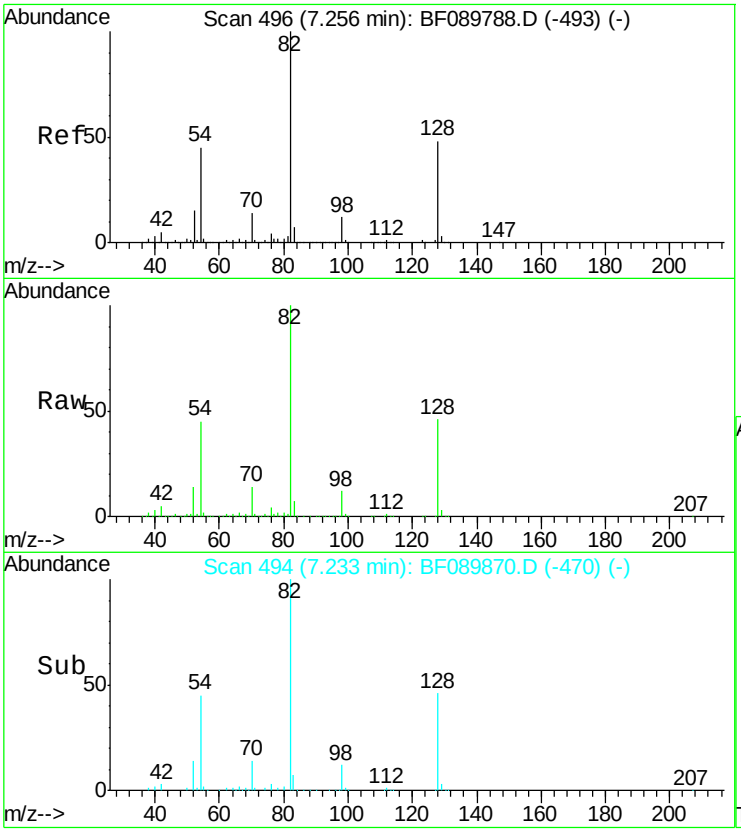


#22
Acetophenone
Concen: 32.79 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:105 Resp: 1214350

Ion	Ratio	Lower	Upper
105	100		
71	5.3	1.9	2.9#
51	26.2	28.5	42.7#
120	22.0	16.6	25.0

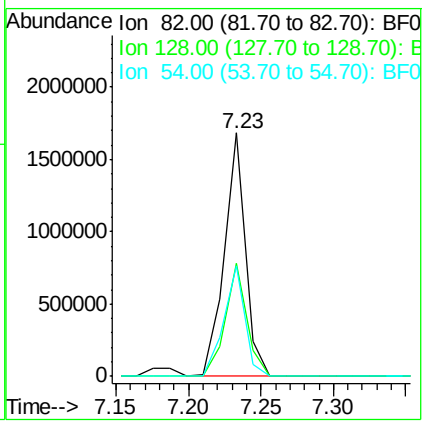




#23
Nitrobenzene-d5
Concen: 65.52 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 82 Resp: 1700871

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.4	51.6
54	45.4	40.3	60.5



Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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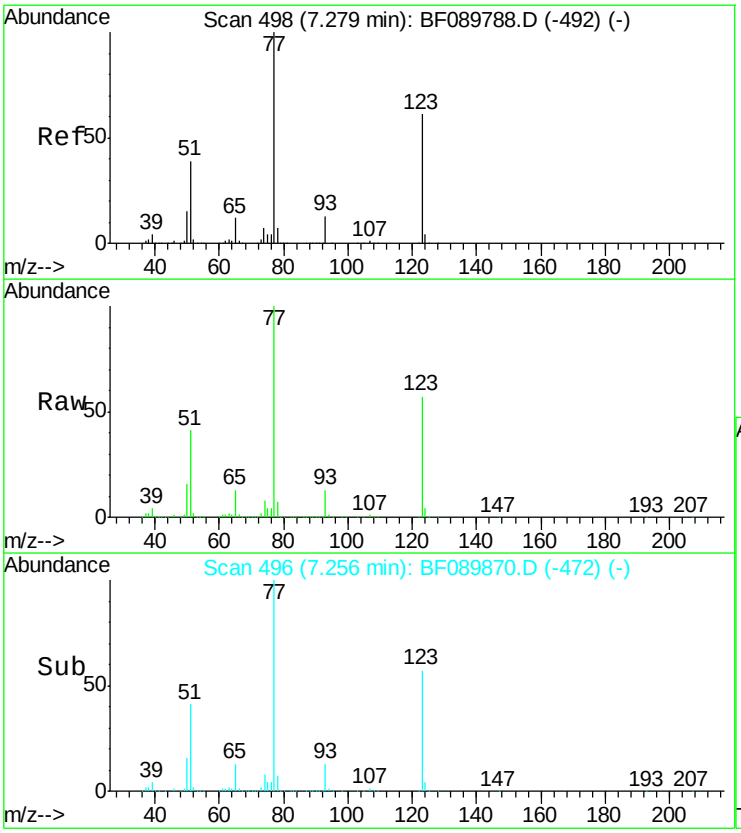
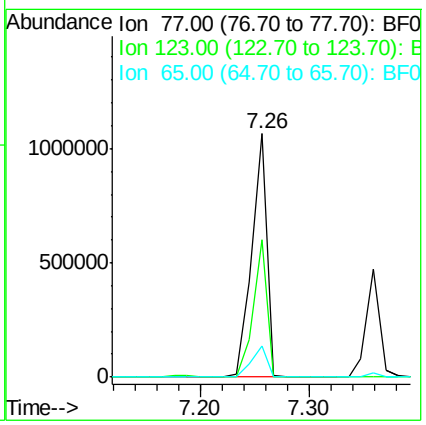
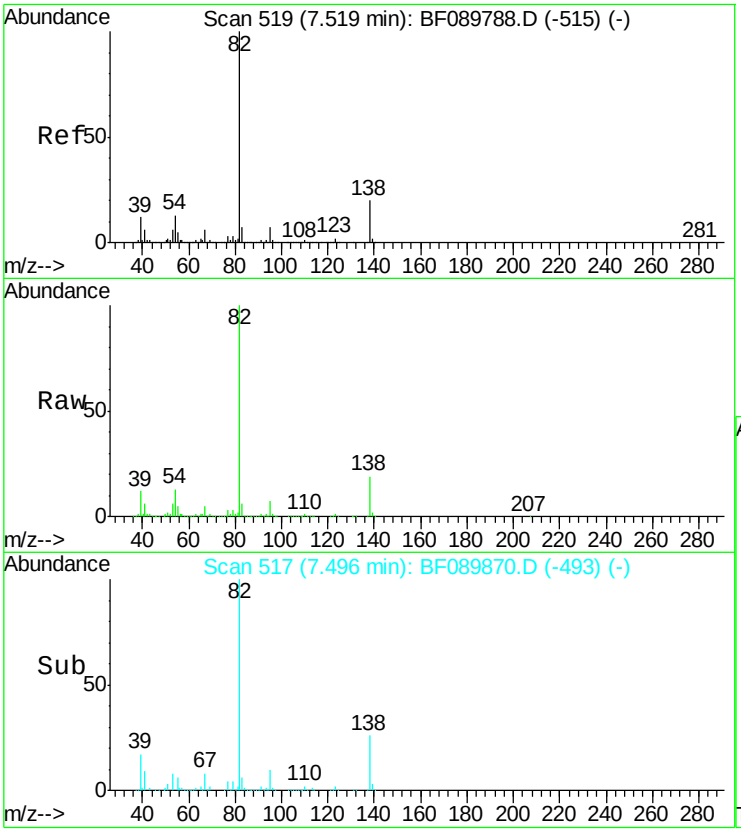


#24
Nitrobenzene
Concen: 35.42 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 77 Resp: 1031726

Ion	Ratio	Lower	Upper
77	100		
123	56.7	36.2	54.2#
65	12.7	10.6	15.8

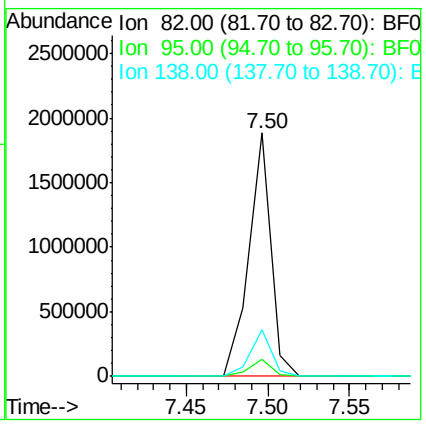




#25
Isophorone
Concen: 33.83 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 82 Resp: 1771051

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.9	13.0	19.4



Instrument :
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ClientSampleId :
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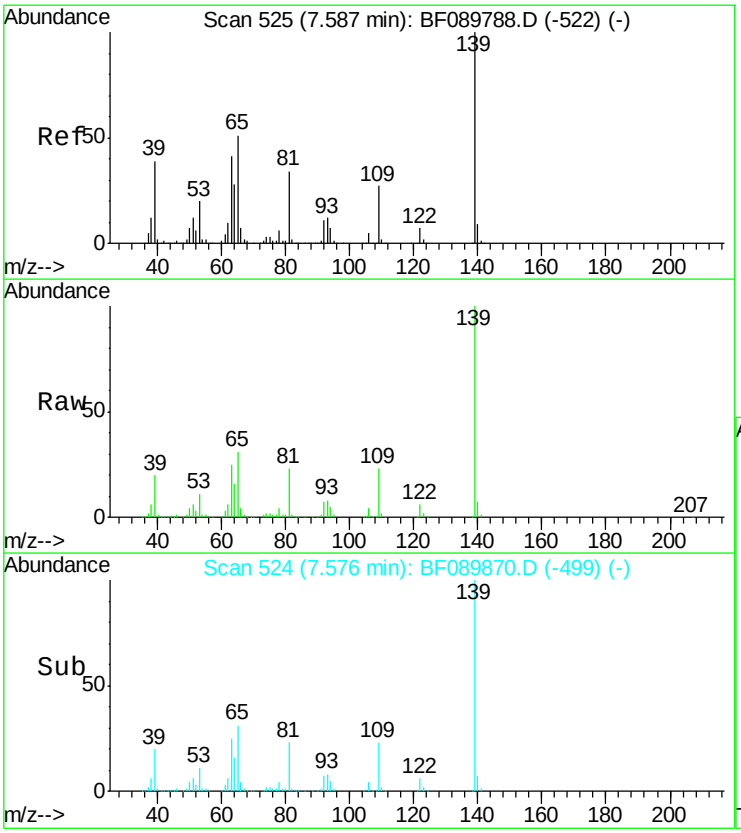
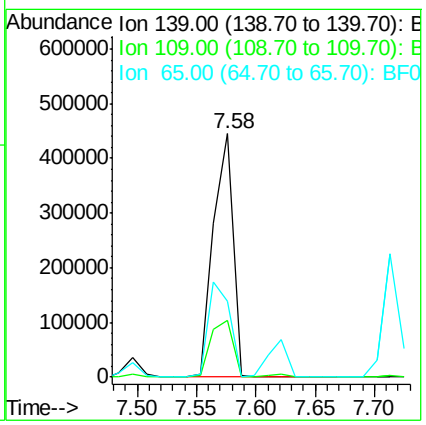
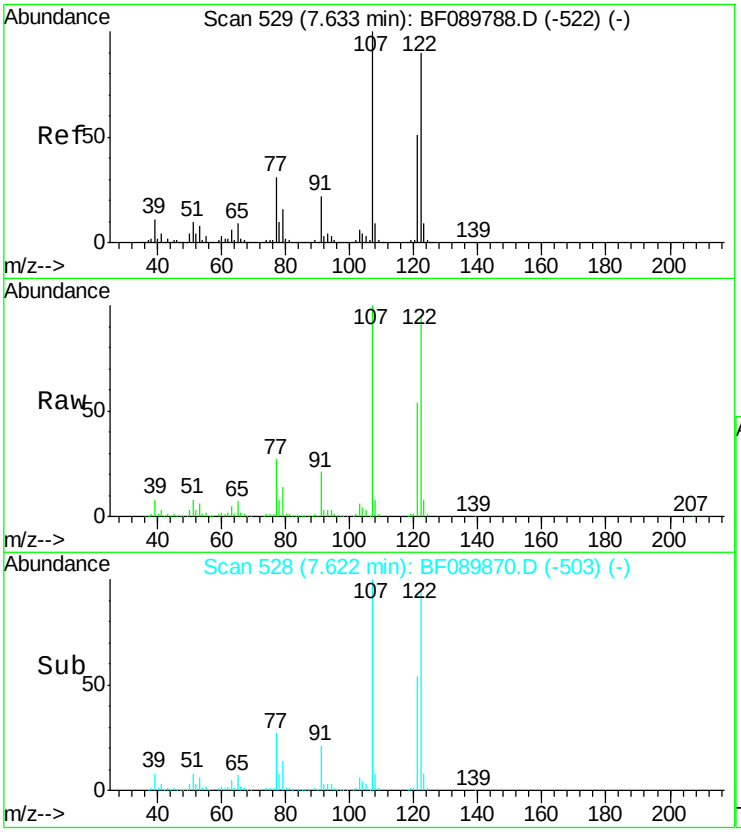


#26
2-Nitrophenol
Concen: 34.98 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:139 Resp: 508323

Ion	Ratio	Lower	Upper
139	100		
109	23.1	19.5	29.3
65	31.3	26.5	39.7

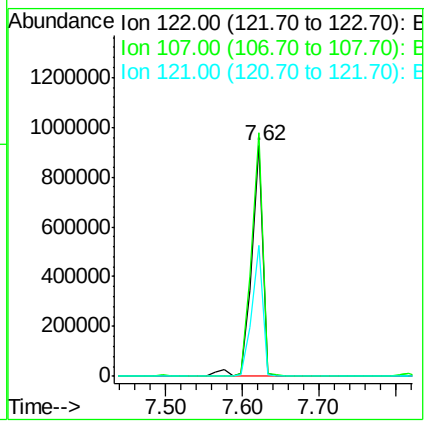




#27
2,4-Dimethylphenol
Concen: 35.47 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:122 Resp: 928994

Ion	Ratio	Lower	Upper
122	100		
107	105.8	84.8	127.2
121	57.2	47.0	70.6



Instrument :
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ClientSampleId :
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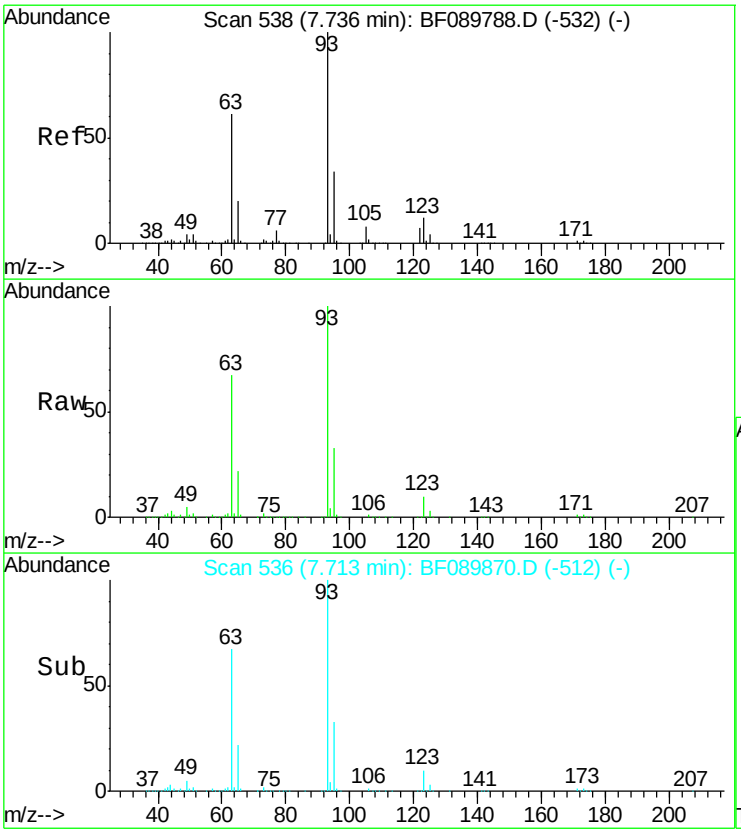
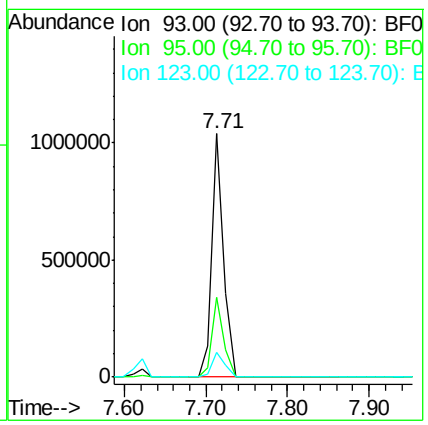
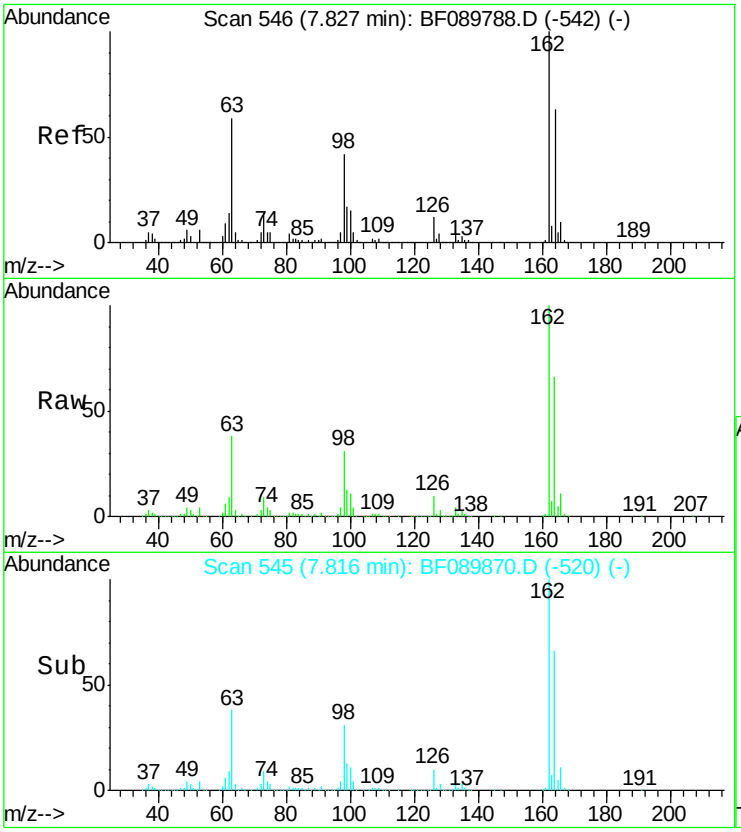


#28
bis(2-Chloroethoxy)methane
Concen: 32.54 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 93 Resp: 1054118

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	10.2	8.5	12.7

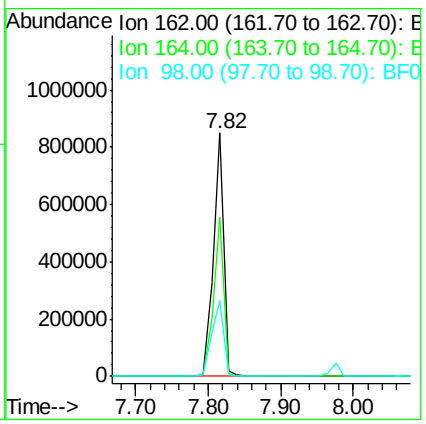




#29
2,4-Dichlorophenol
Concen: 38.07 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:162 Resp: 836694

Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.5	85.5
98	31.0	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
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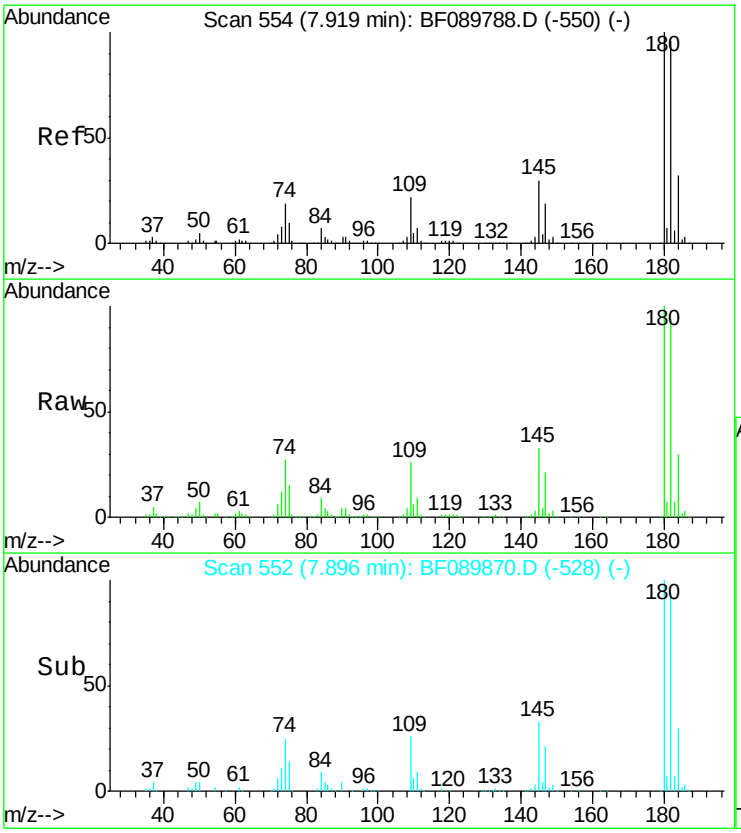
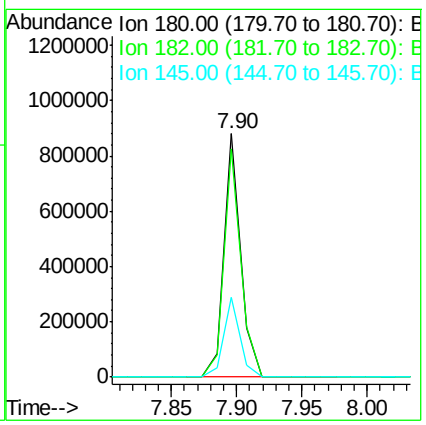
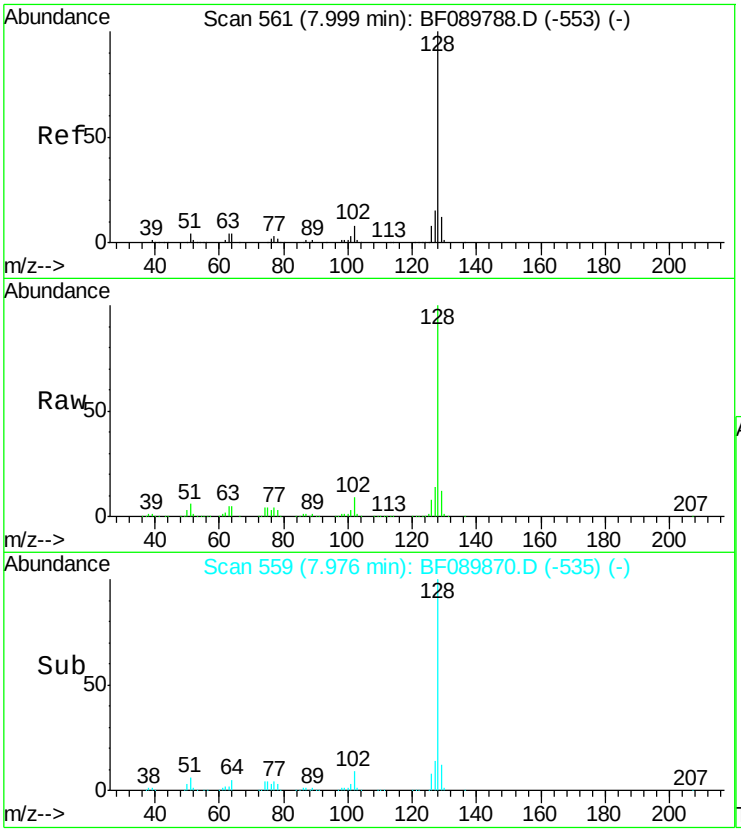


#30
1,2,4-Trichlorobenzene
Concen: 32.42 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:180 Resp: 787964

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.5	113.3
145	32.8	28.7	43.1

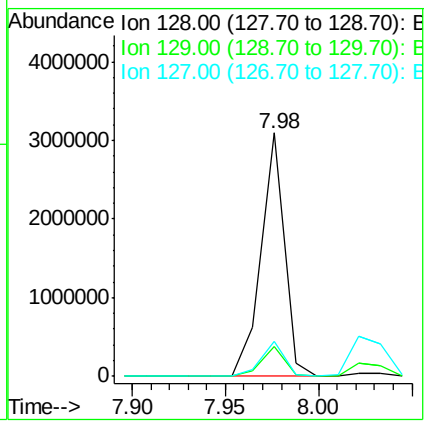




#31
Naphthalene
Concen: 35.35 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:128 Resp: 2664320

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	14.3	11.3	16.9



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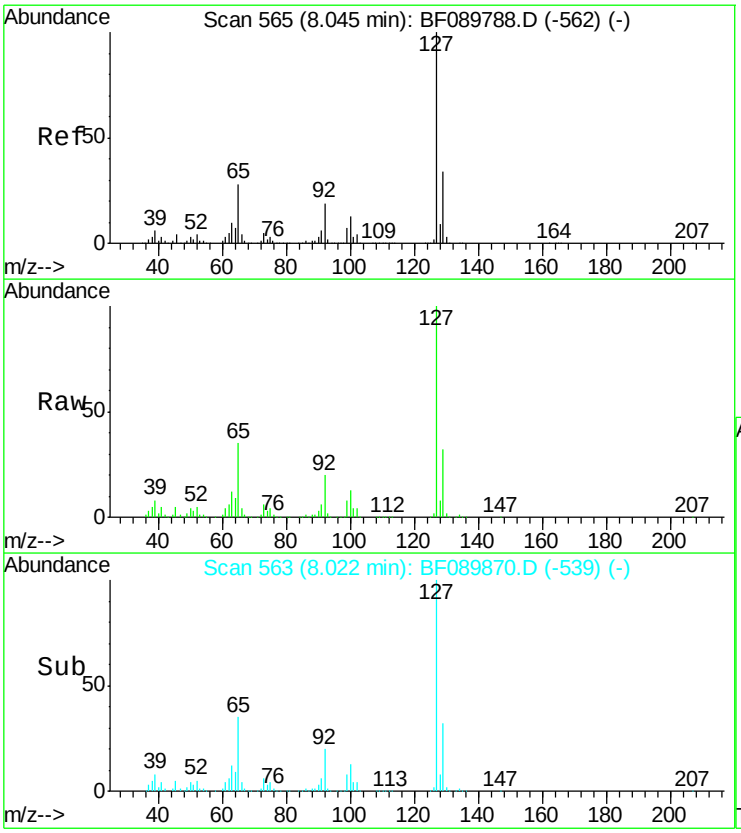
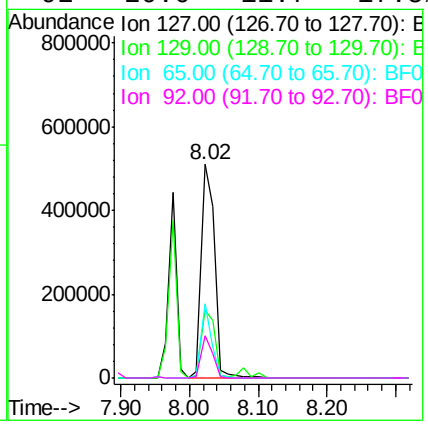
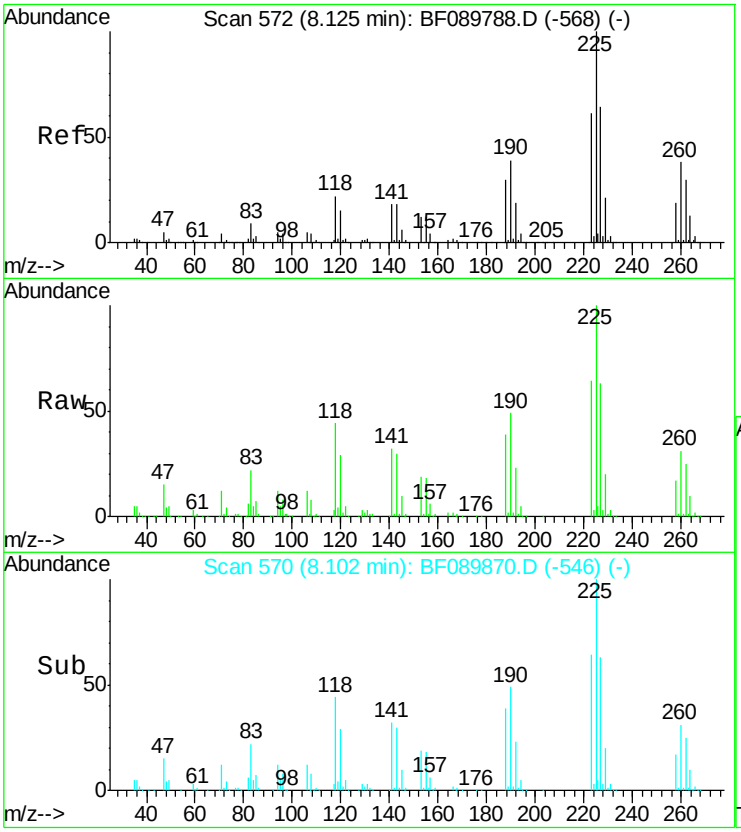


#33
4-Chloroaniline
Concen: 20.64 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:127 Resp: 674371

Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.6
65	34.8	14.7	22.1#
92	20.0	11.7	17.5#

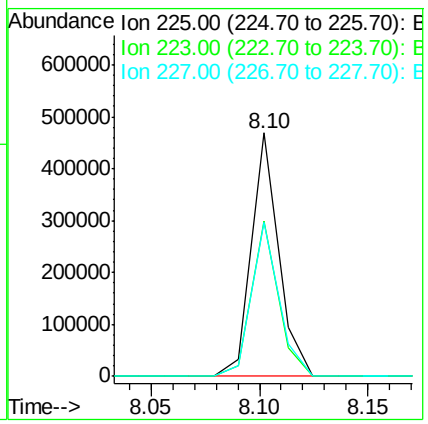




#34
Hexachlorobutadiene
Concen: 32.10 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:225 Resp: 408543

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.4	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
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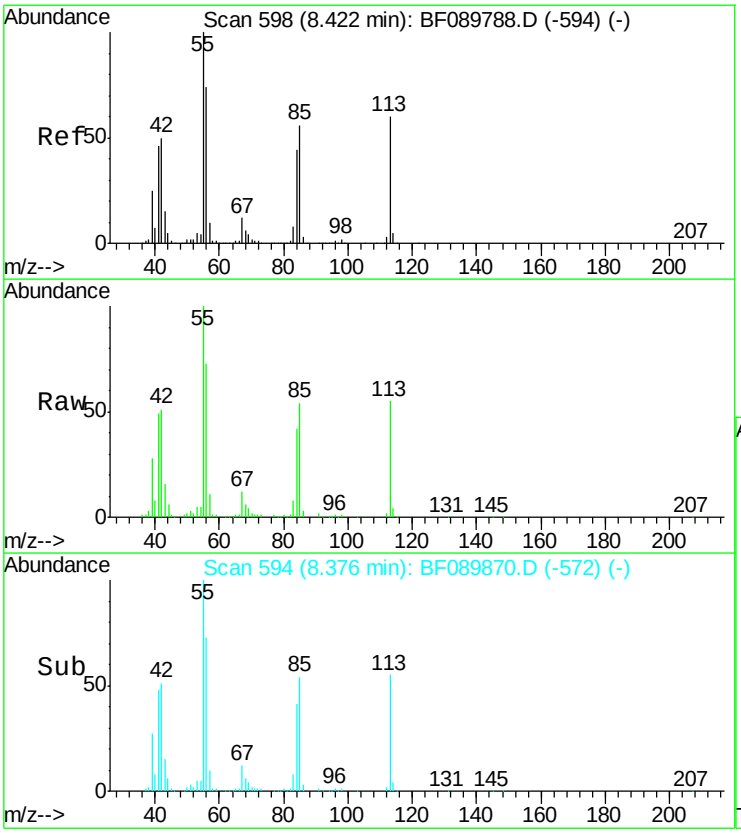
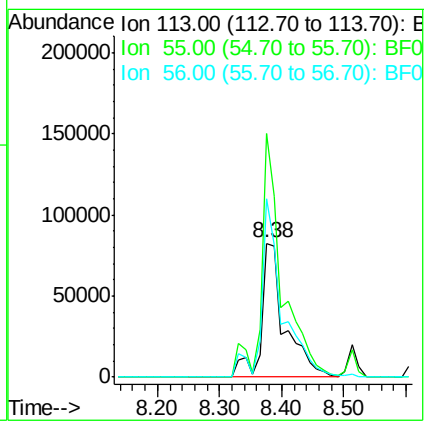
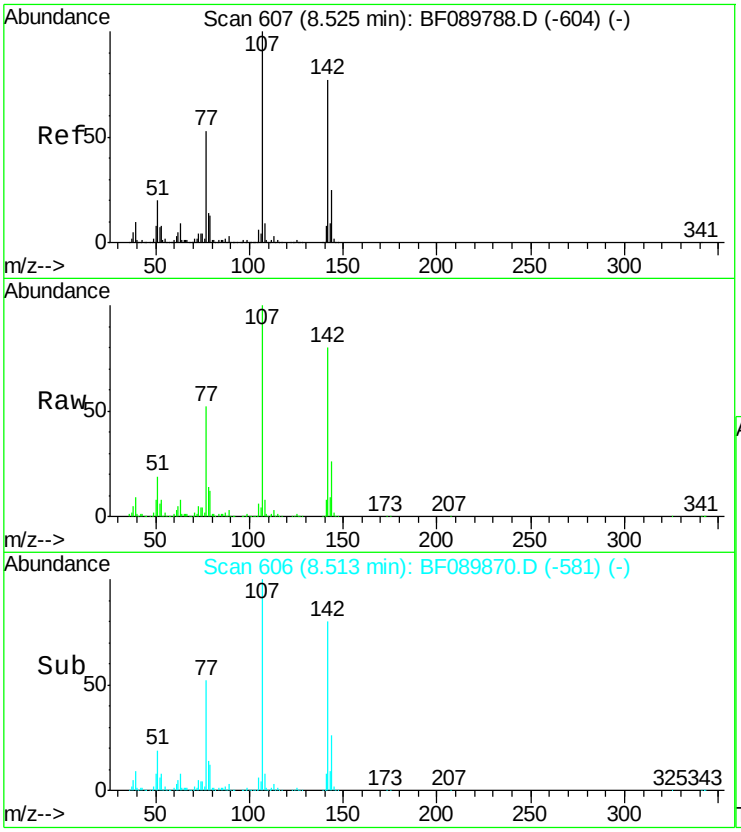


#35
Caprolactam
Concen: 32.35 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.05 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:113 Resp: 216485

Ion	Ratio	Lower	Upper
113	100		
55	182.0	135.9	175.9#
56	133.2	93.9	133.9

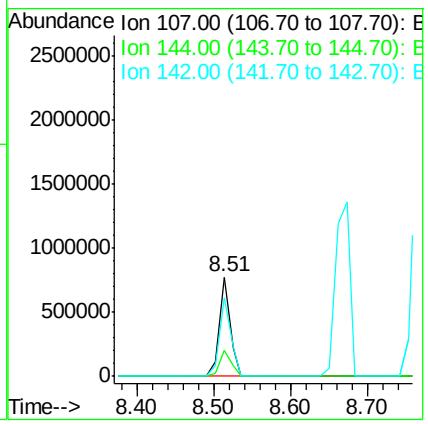




#36
4-Chloro-3-methylphenol
Concen: 32.72 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:107 Resp: 778742

Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.6	34.0
142	79.6	69.3	103.9



Instrument :
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ClientSampleId :
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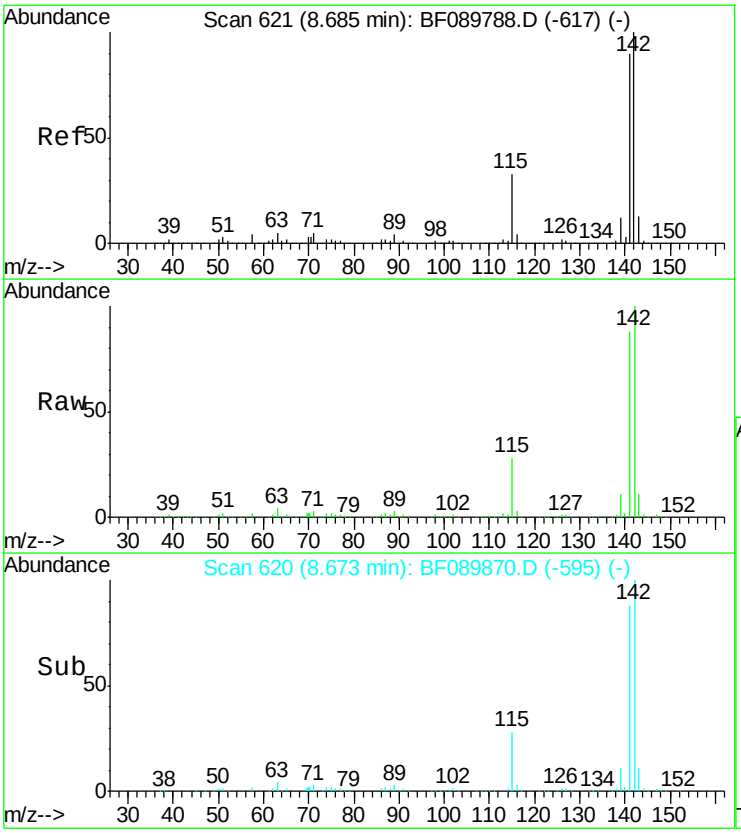
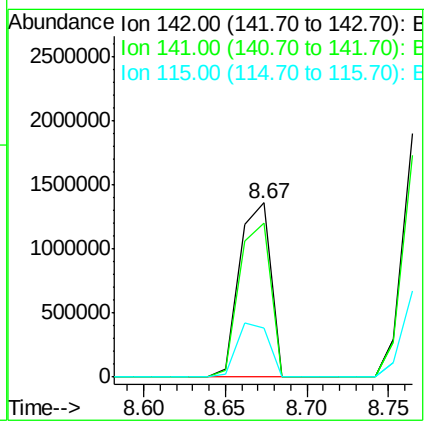
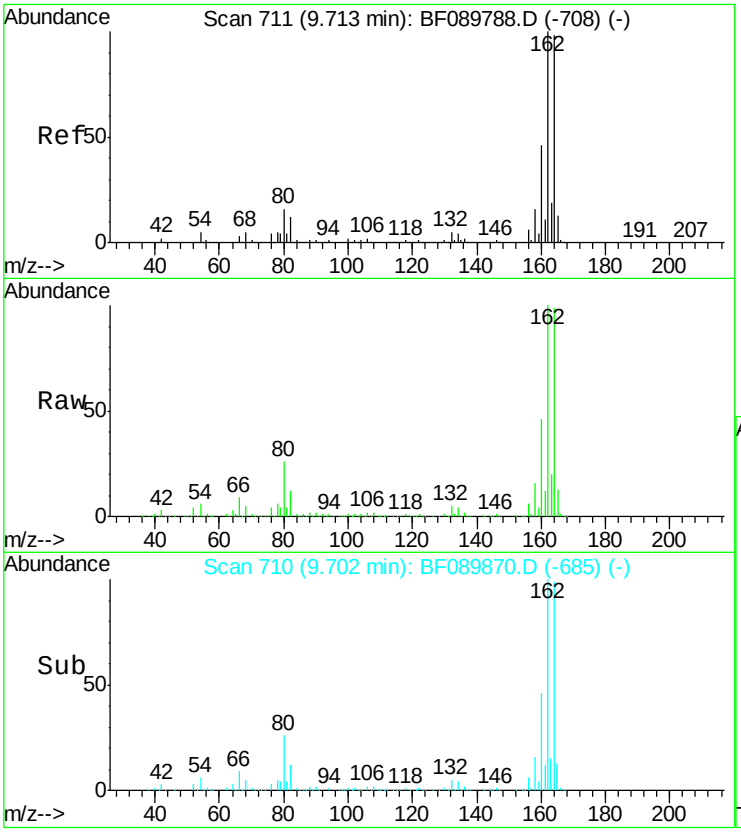


#37
2-Methylnaphthalene
Concen: 36.92 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:142 Resp: 1800503

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	28.0	22.7	34.1

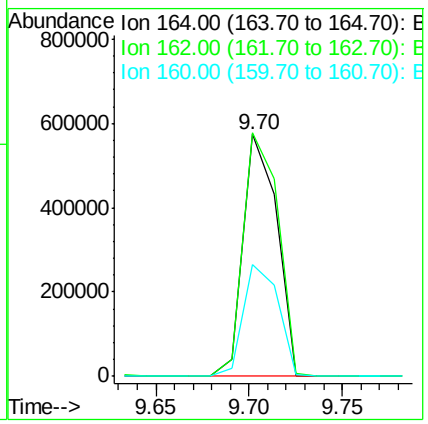




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:164 Resp: 719931

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.2
160	46.1	37.8	56.6



Instrument :
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ClientSampleId :
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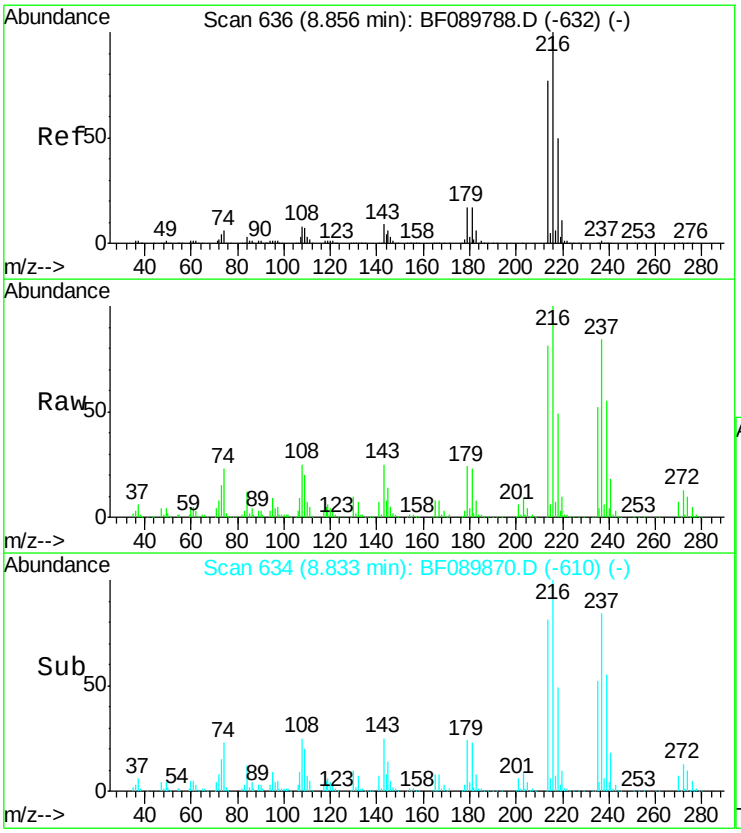
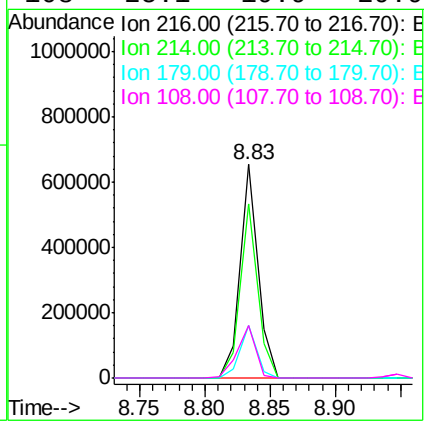
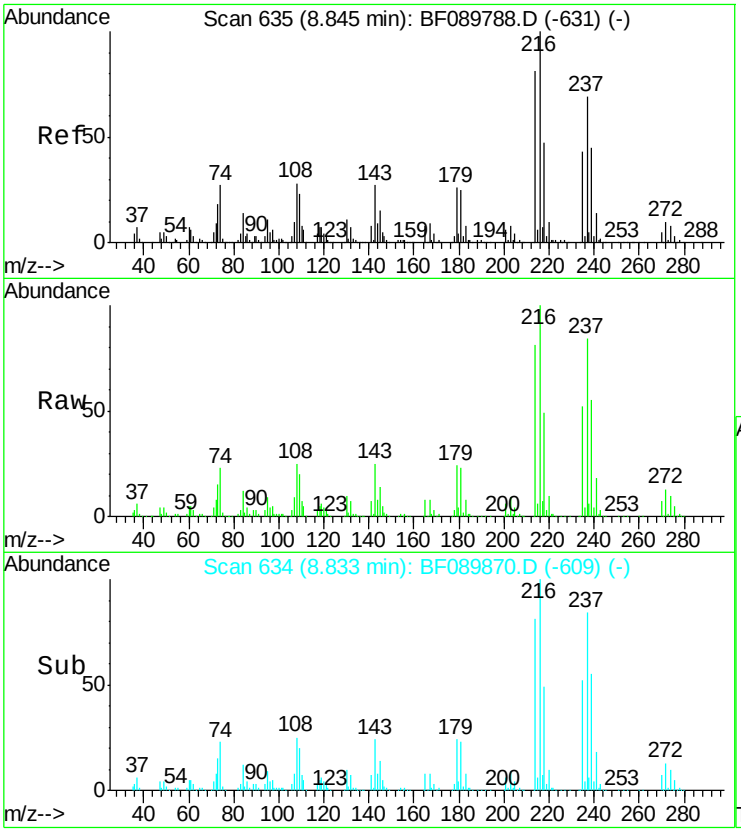


#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.56 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:216 Resp: 619134

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	23.0	19.9	29.9
108	25.1	19.9	29.9

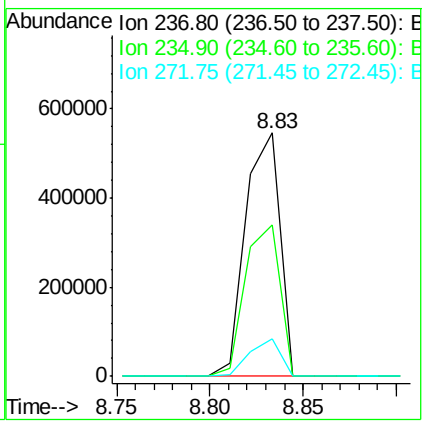




#40
Hexachlorocyclopentadiene
Concen: 87.25 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:237 Resp: 706184

Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.7	83.7
272	15.5	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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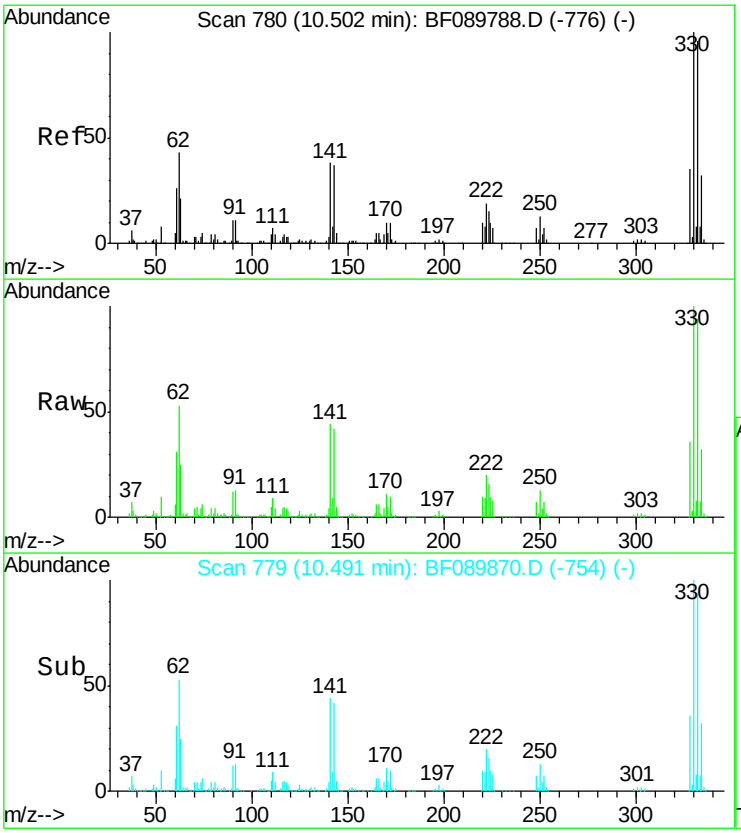
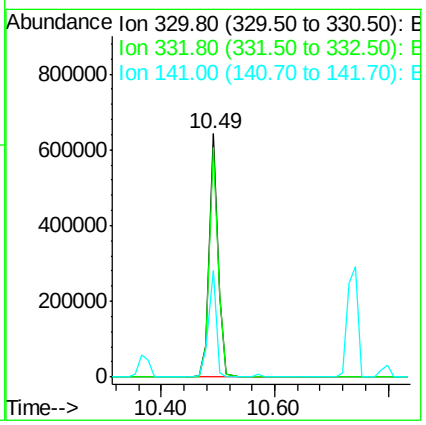
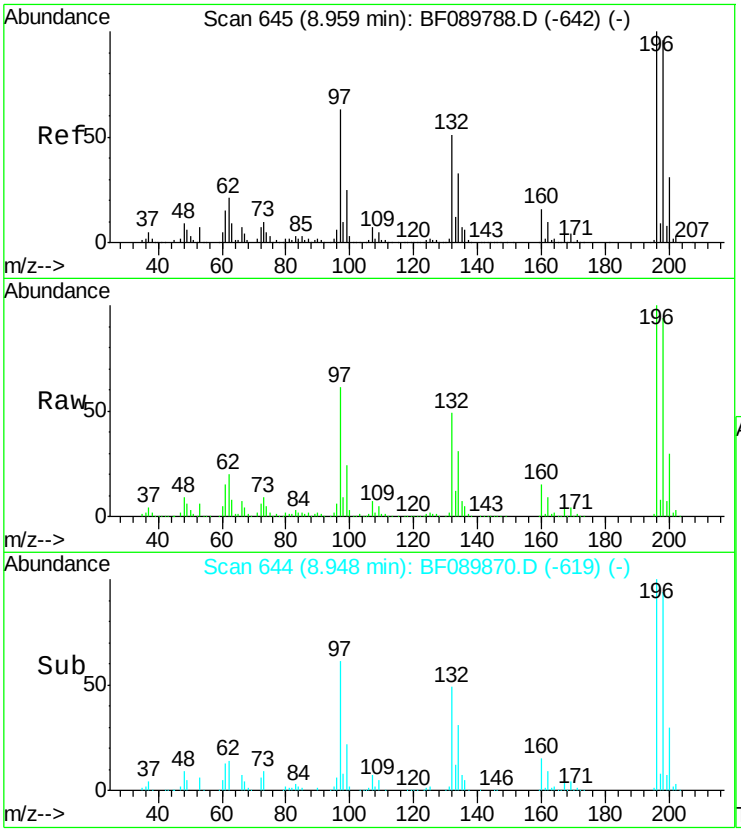


#41
2,4,6-Tribromophenol
Concen: 96.80 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:330 Resp: 662318

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.7	115.1
141	38.8	30.2	45.2

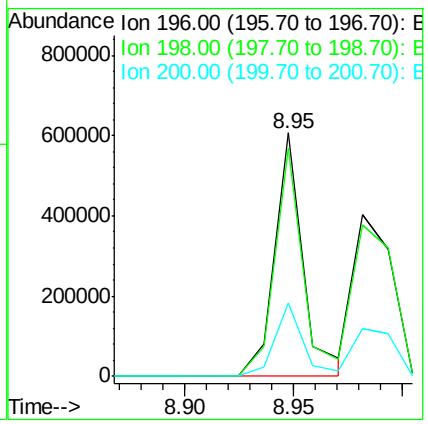




#42
2,4,6-Trichlorophenol
Concen: 37.92 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:196 Resp: 556186

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.3	114.5
200	30.1	24.6	36.8



Instrument :
BNA_F
ClientSampleId :
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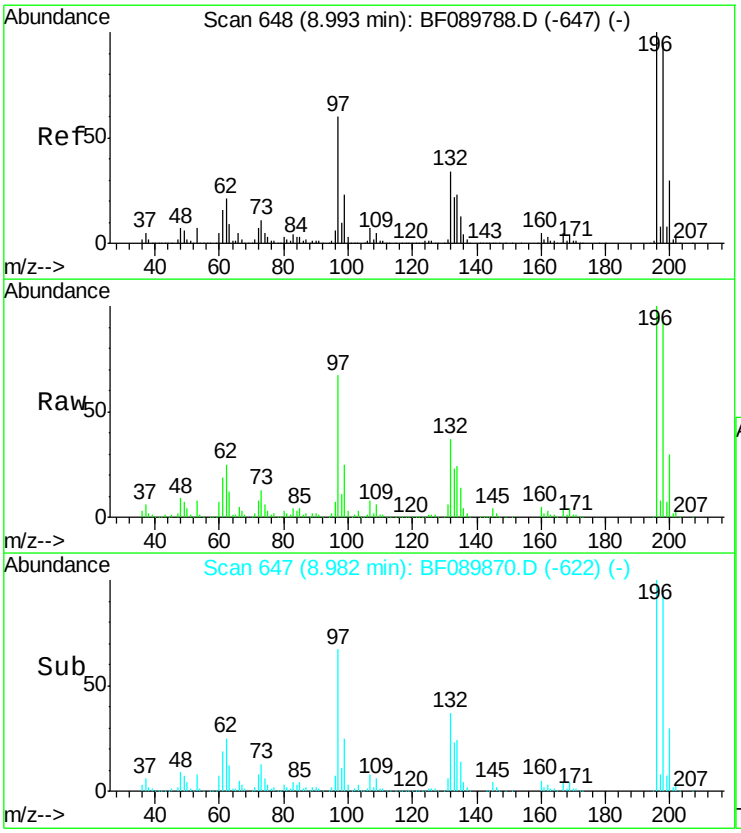
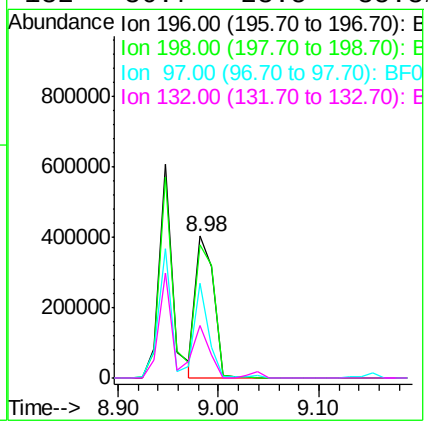
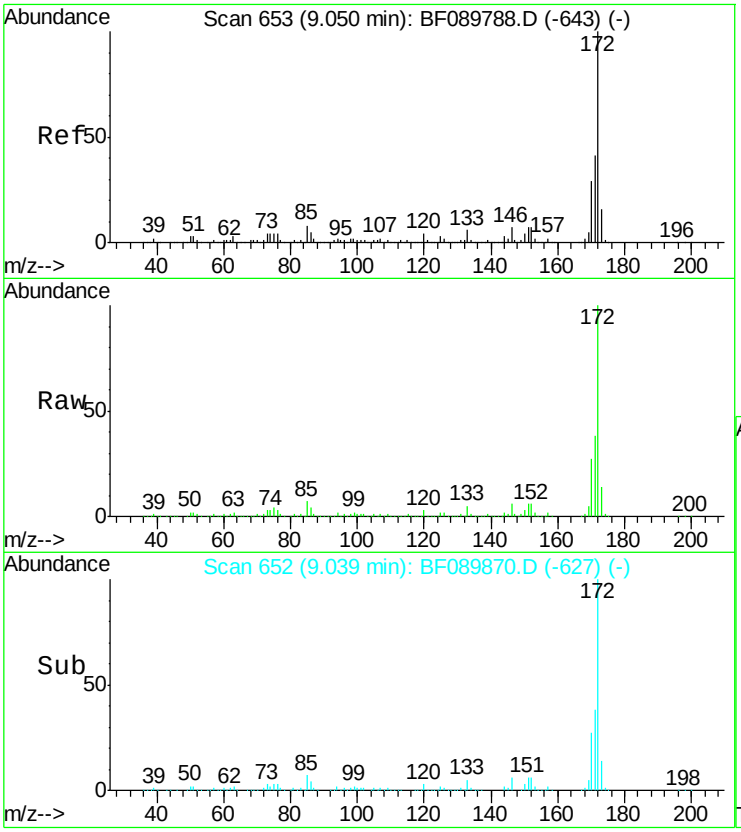


#43
2,4,5-Trichlorophenol
Concen: 34.60 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:196 Resp: 504740

Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.6	114.8
97	66.6	35.8	53.8#
132	36.7	23.5	35.3#

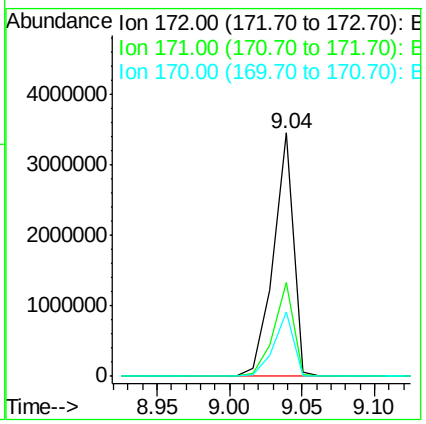




#44
2-Fluorobiphenyl
Concen: 81.37 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:172 Resp: 3333214

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.5	45.7
170	26.6	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
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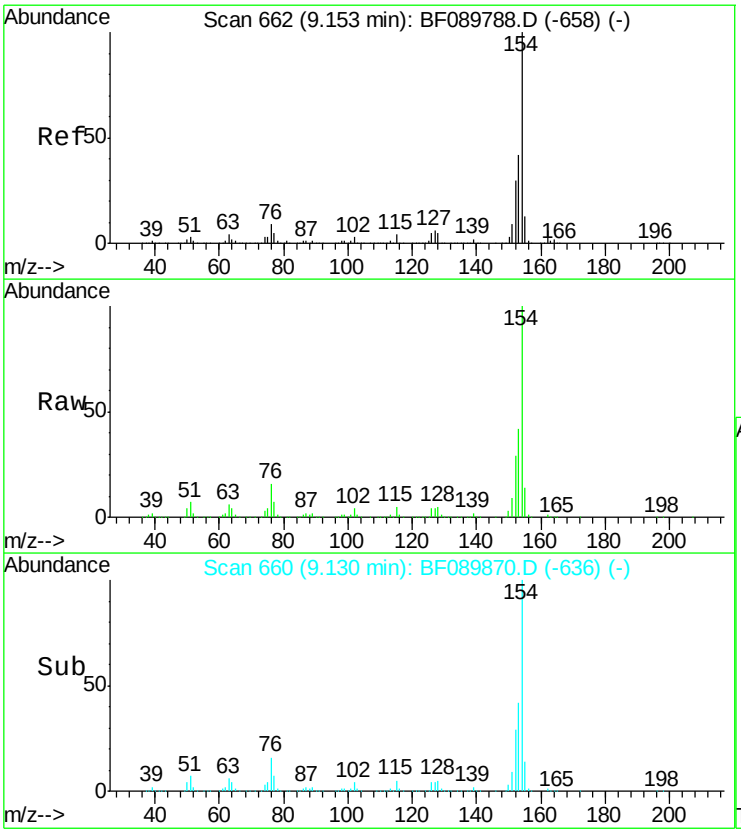
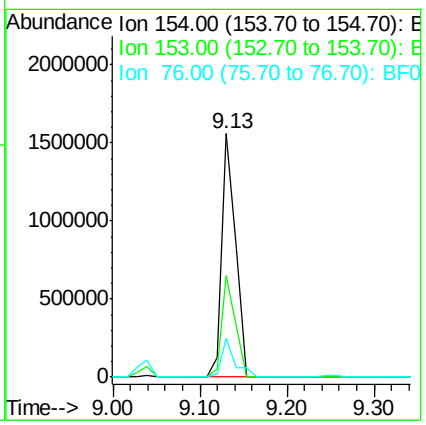
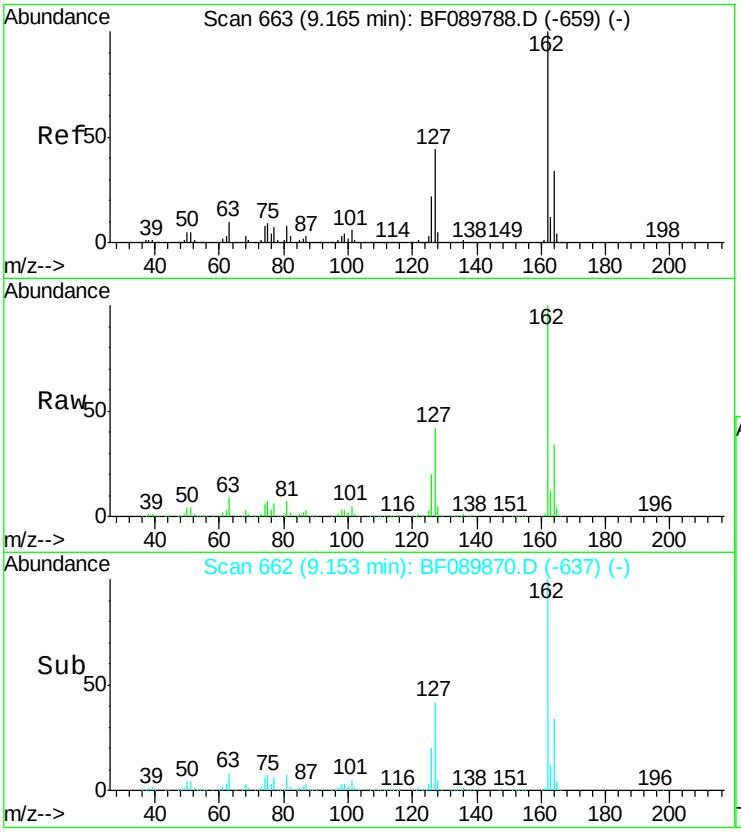


#45
1,1'-Biphenyl
Concen: 30.94 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:154 Resp: 1723821

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	16.2	0.0	36.7

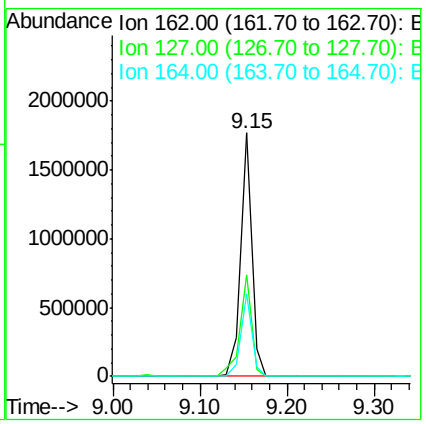




#46
2-Chloronaphthalene
Concen: 35.24 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:162 Resp: 1551951

Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.5	53.3
164	34.0	26.6	40.0



Instrument :
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ClientSampleId :
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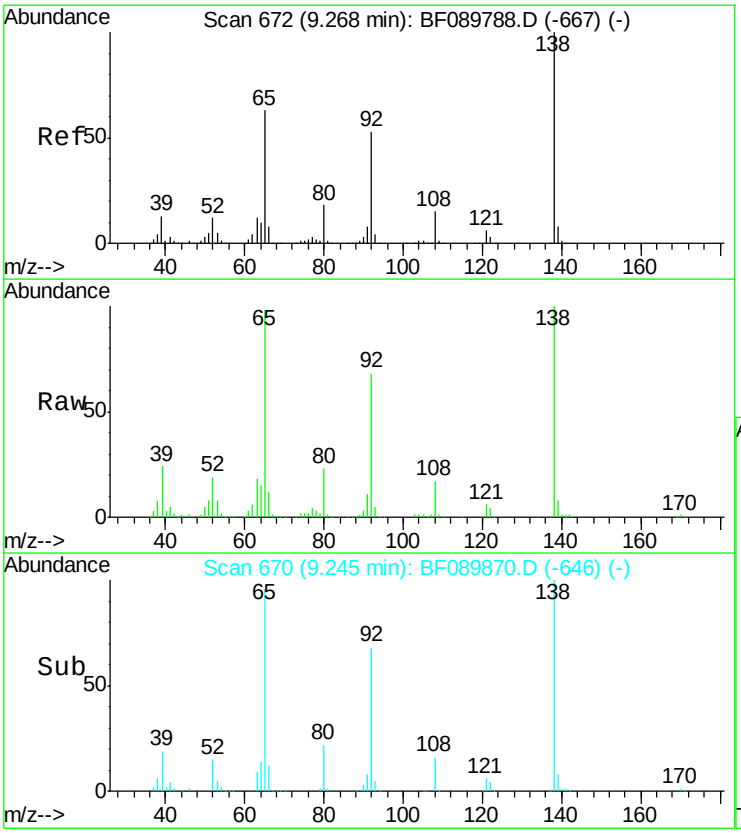
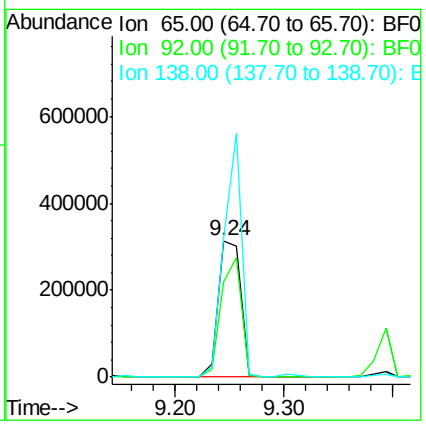
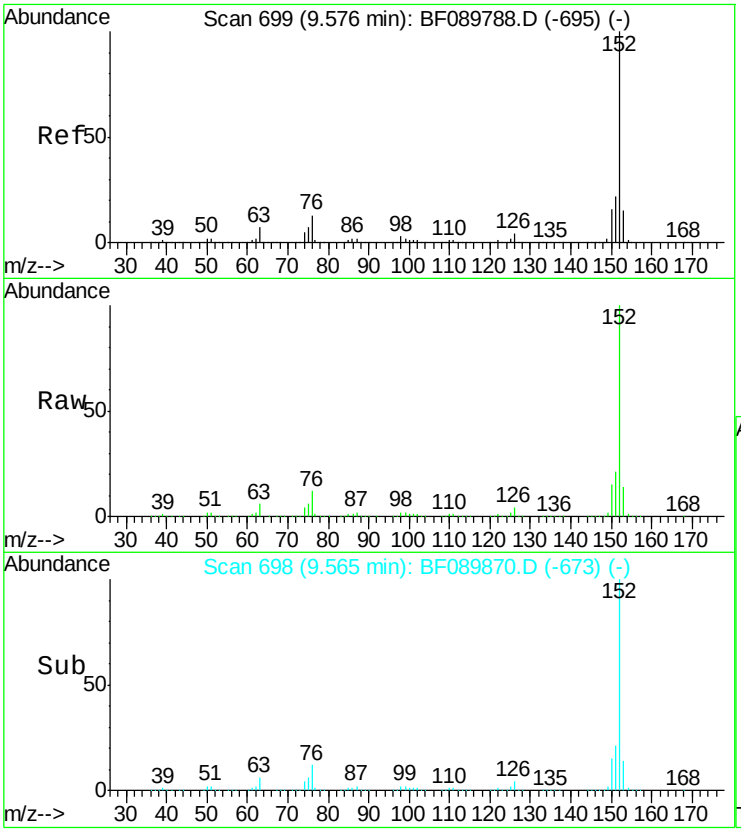


#47
2-Nitroaniline
Concen: 35.82 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 65 Resp: 449967

Ion	Ratio	Lower	Upper
65	100		
92	69.4	56.3	84.5
138	101.6	81.8	122.8

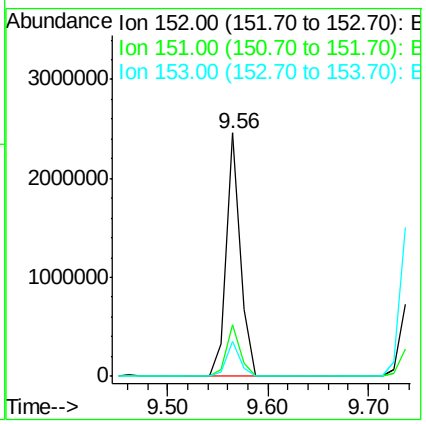




#48
Acenaphthylene
Concen: 36.14 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:152 Resp: 2391833

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.3	11.2	16.8



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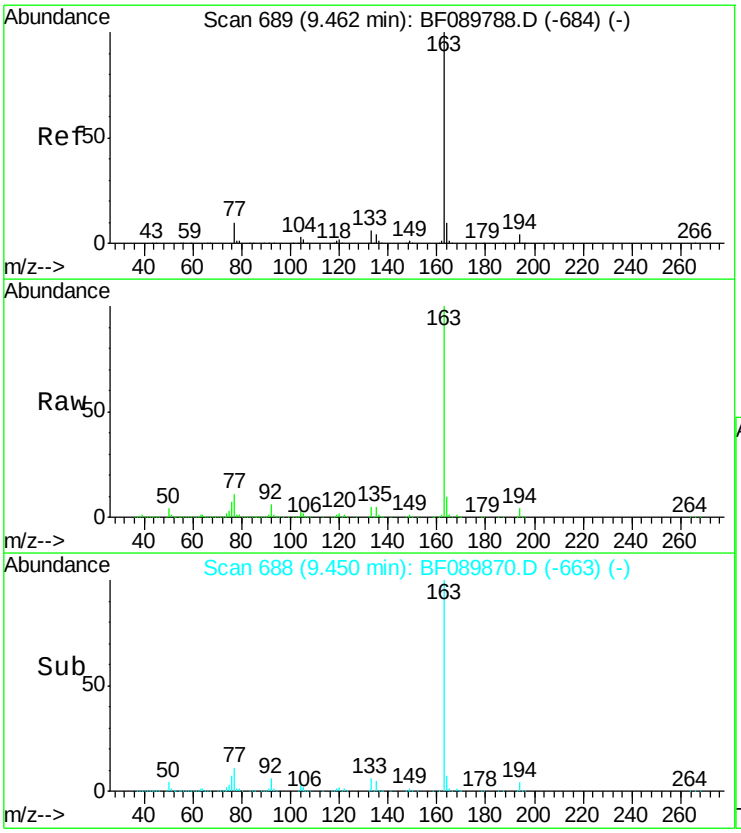
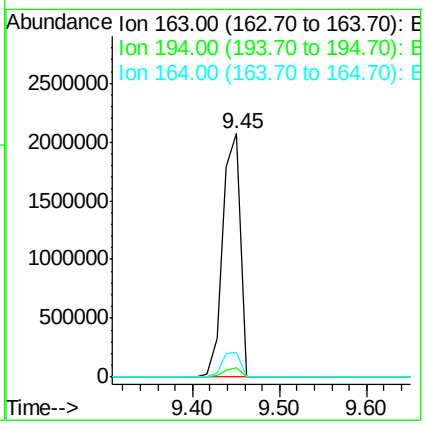
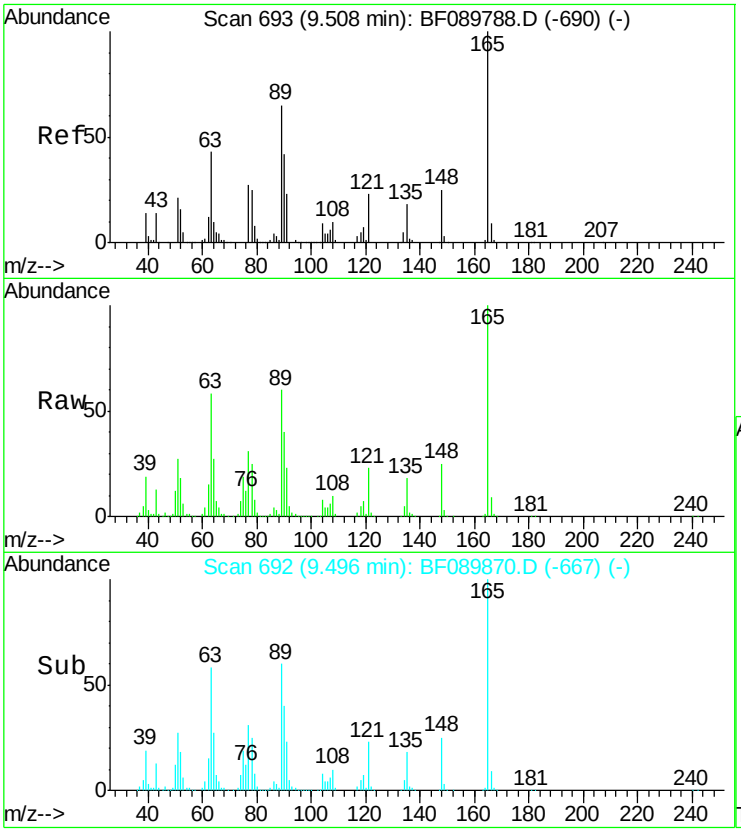


#49
Dimethylphthalate
Concen: 57.19 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:163 Resp: 2899222

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	3.8#
164	10.0	8.6	12.8

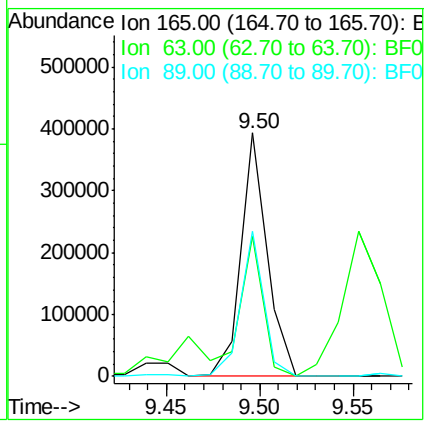




#50
2,6-Dinitrotoluene
Concen: 32.82 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:165 Resp: 384160

Ion	Ratio	Lower	Upper
165	100		
63	57.7	41.7	62.5
89	59.7	44.6	67.0



Instrument :
BNA_F
ClientSampleId :
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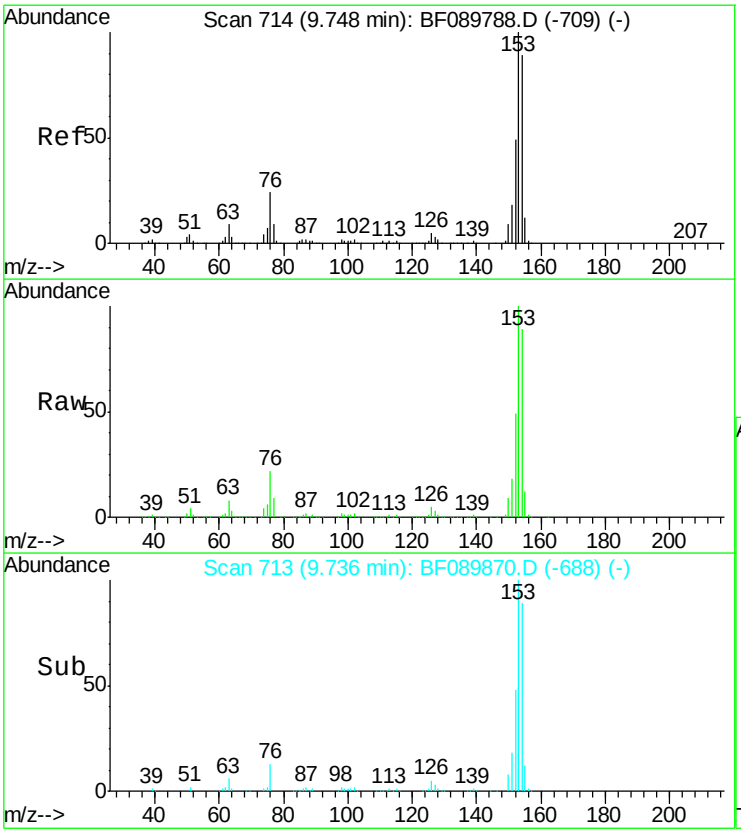
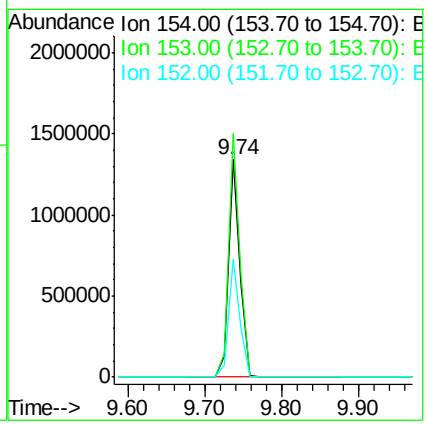
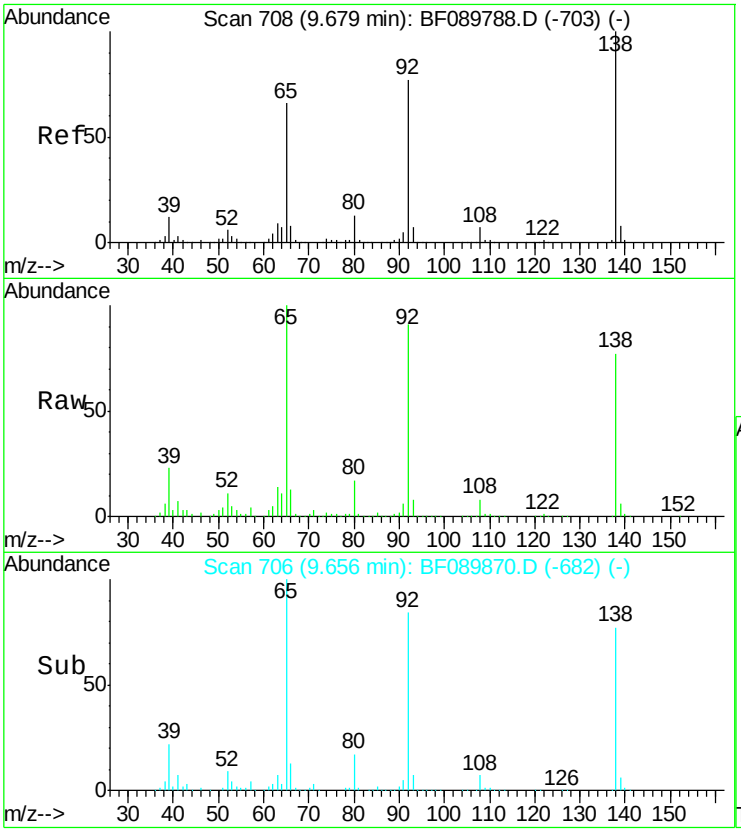


#51
Acenaphthene
Concen: 32.37 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:154 Resp: 1417801

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.5	135.7
152	54.4	44.6	67.0

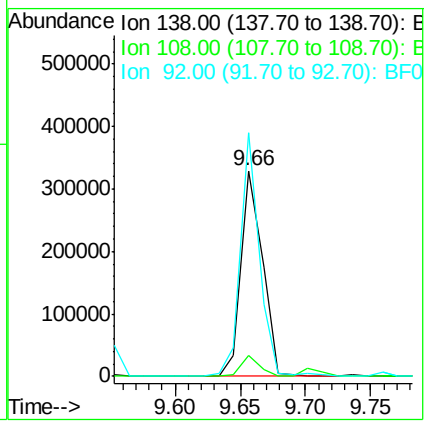




#52
3-Nitroaniline
Concen: 29.01 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:138 Resp: 376193

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.1	12.1
92	118.4	92.7	139.1



Instrument :
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ClientSampleId :
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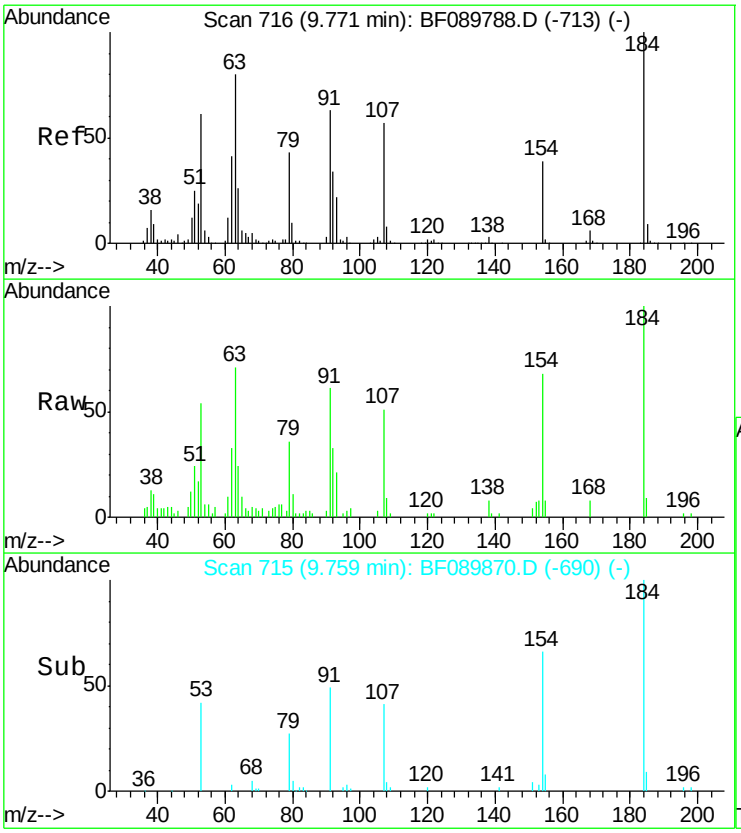
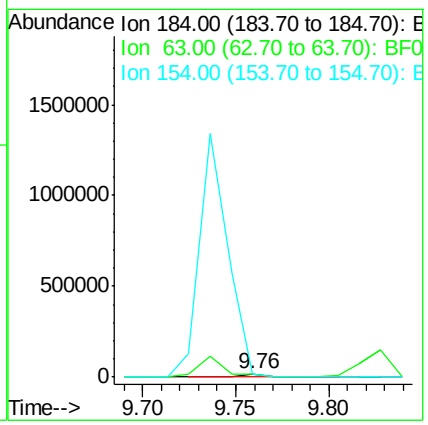
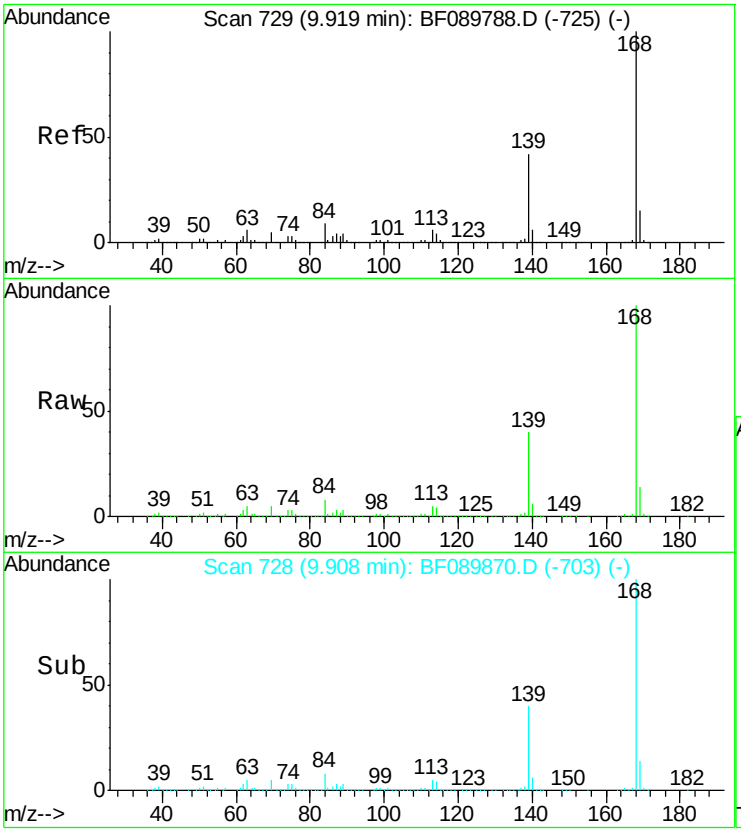


#53
2,4-Dinitrophenol
Concen: 6.25 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:184 Resp: 17832

Ion	Ratio	Lower	Upper
184	100		
63	71.2	54.2	81.4
154	68.3	52.7	79.1

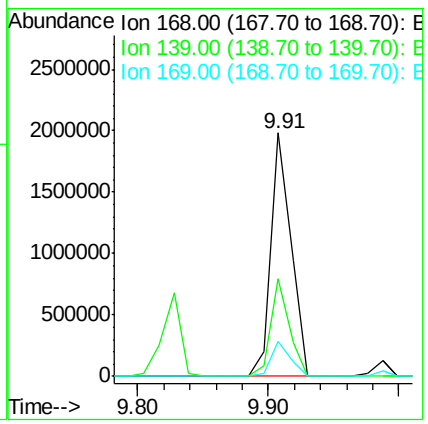




#54
Dibenzofuran
Concen: 39.09 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:168 Resp: 2150674

Ion	Ratio	Lower	Upper
168	100		
139	40.1	34.6	52.0
169	14.4	11.5	17.3



Instrument :
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ClientSampleId :
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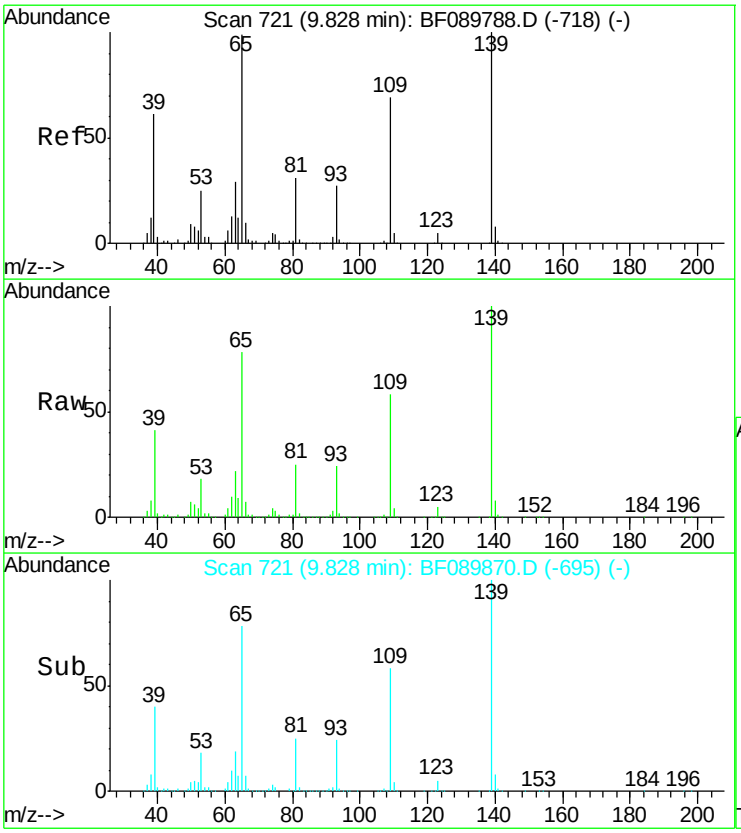
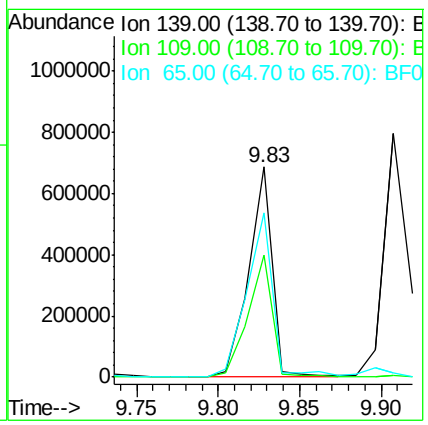
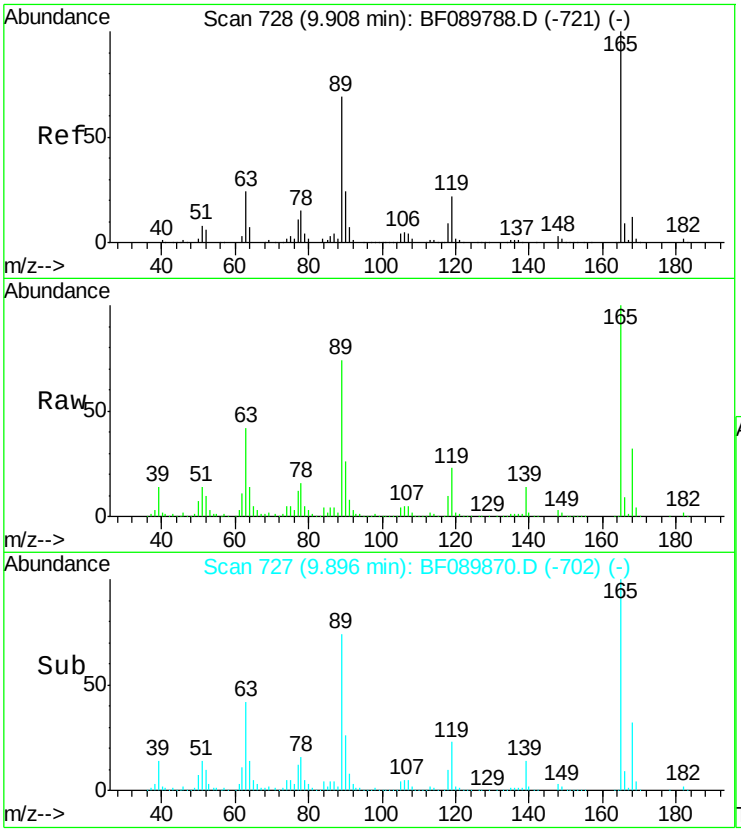


#55
4-Nitrophenol
Concen: 64.68 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:139 Resp: 684527

Ion	Ratio	Lower	Upper
139	100		
109	58.4	43.0	83.0
65	78.0	55.7	95.7

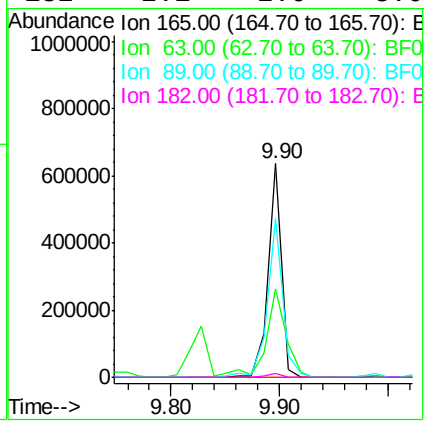




#56
2,4-Dinitrotoluene
Concen: 36.15 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:165 Resp: 549007

Ion	Ratio	Lower	Upper
165	100		
63	41.6	23.7	35.5#
89	74.1	44.0	66.0#
182	2.1	2.0	3.0



Instrument :
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ClientSampleId :
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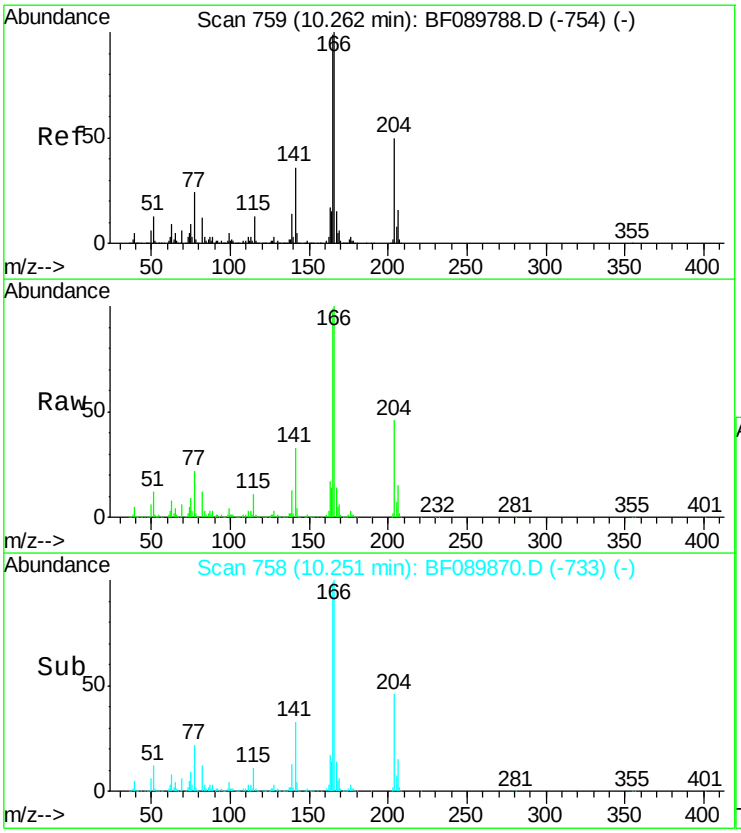
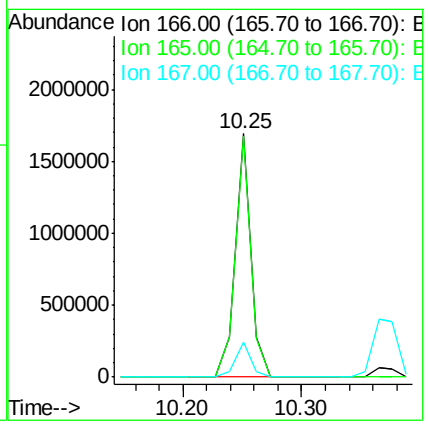
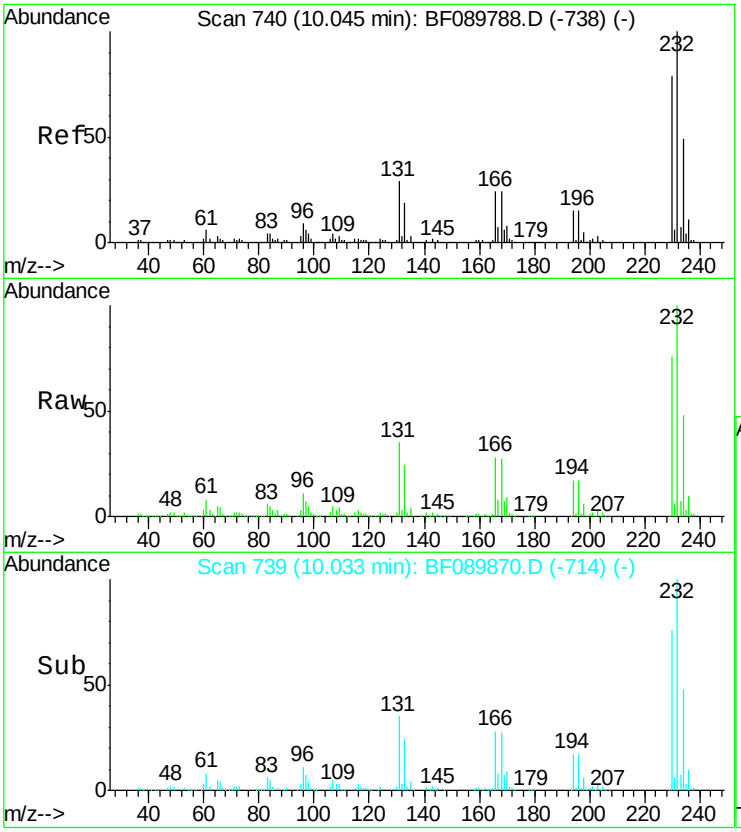


#57
Fluorene
Concen: 35.45 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:166 Resp: 1554230

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	14.3	11.3	16.9

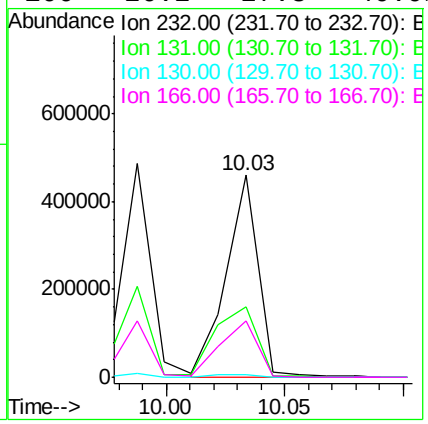




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.34 ng m
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:232 Resp: 428249

Ion	Ratio	Lower	Upper
232	100		
131	43.4	42.5	63.7
130	2.1	2.2	3.4#
166	26.2	27.3	40.9#



Instrument :
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ClientSampleId :
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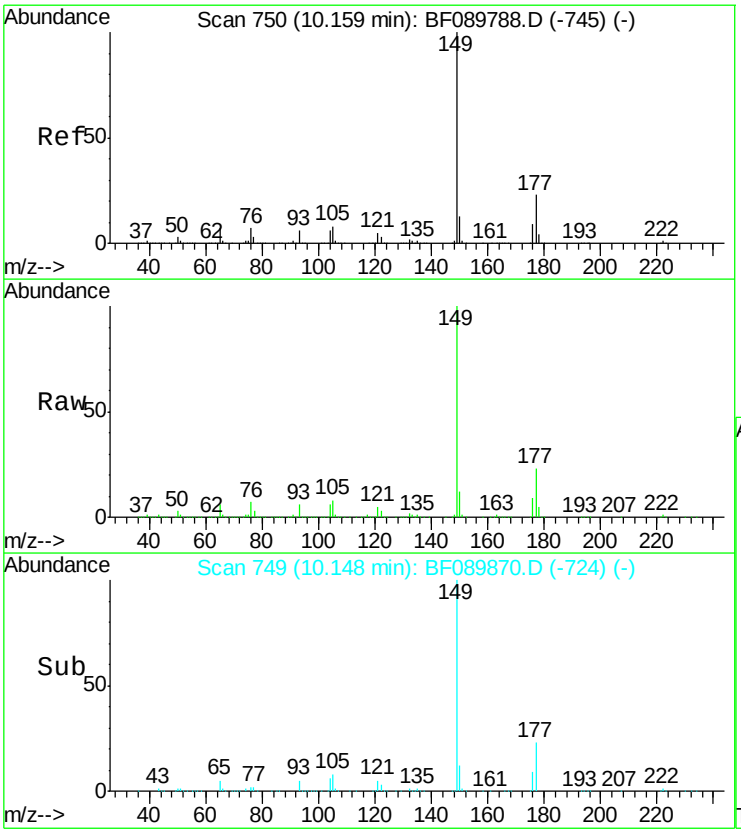
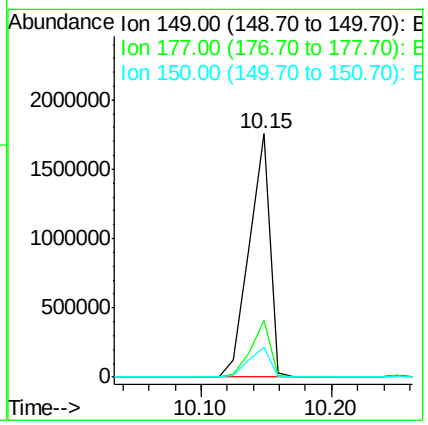
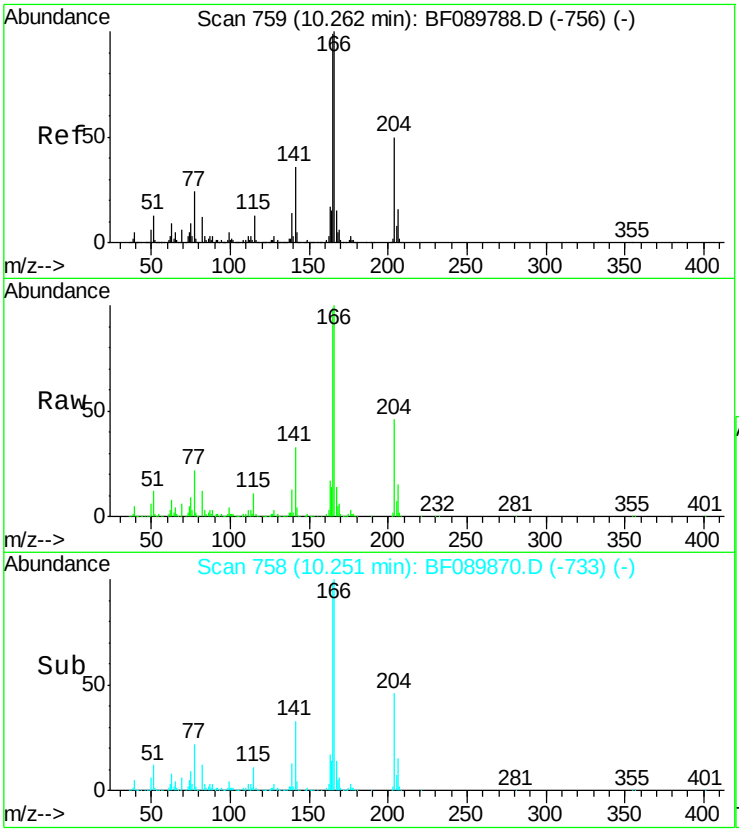


#59
Diethylphthalate
Concen: 37.76 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:149 Resp: 1944237

Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.6	25.0
150	12.4	10.5	15.7

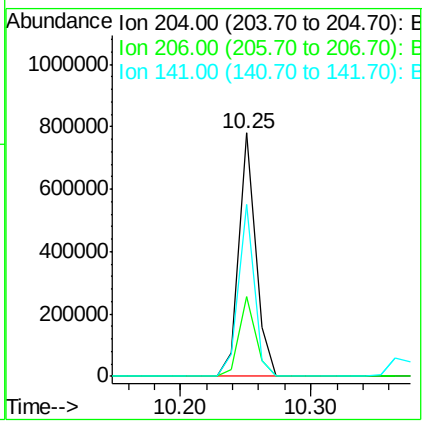




#60
4-Chlorophenyl-phenylether
Concen: 34.75 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:204 Resp: 694997

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	70.7	54.1	81.1



Instrument :
BNA_F
ClientSampleId :
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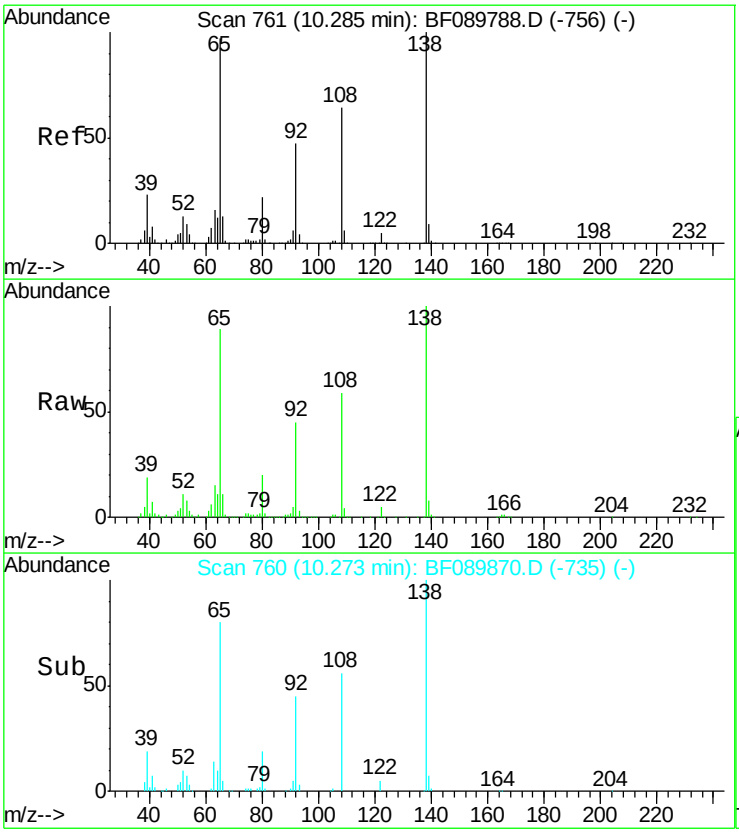
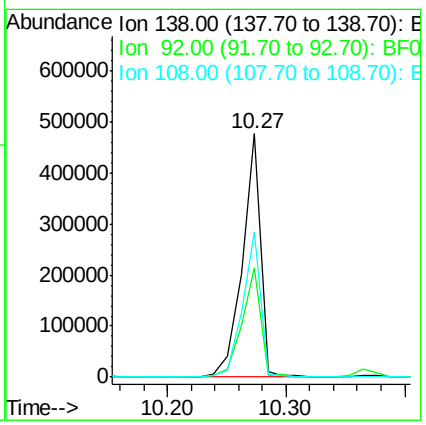
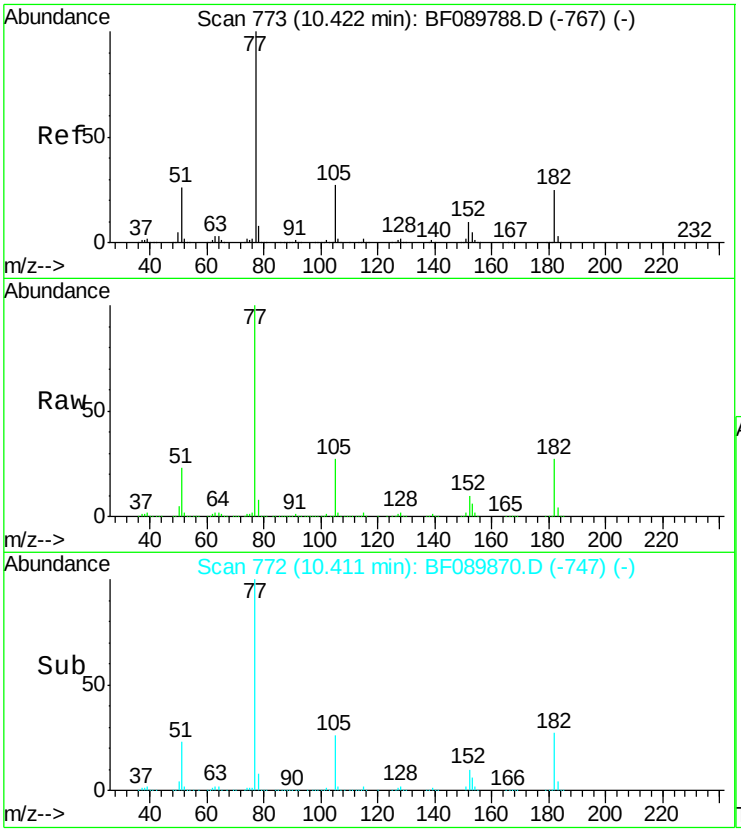


#61
4-Nitroaniline
Concen: 42.27 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:138 Resp: 513818

Ion	Ratio	Lower	Upper
138	100		
92	44.7	26.4	66.4
108	59.4	47.0	87.0

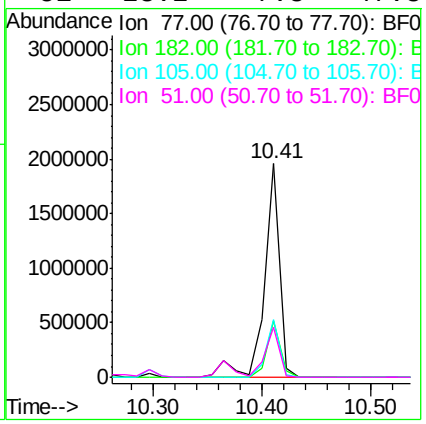




#62
Azobenzene
Concen: 39.96 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion: 77 Resp: 1934357

Ion	Ratio	Lower	Upper
77	100		
182	26.6	5.6	45.6
105	27.0	4.0	44.0
51	23.2	7.8	47.8



Instrument :
BNA_F
ClientSampleId :
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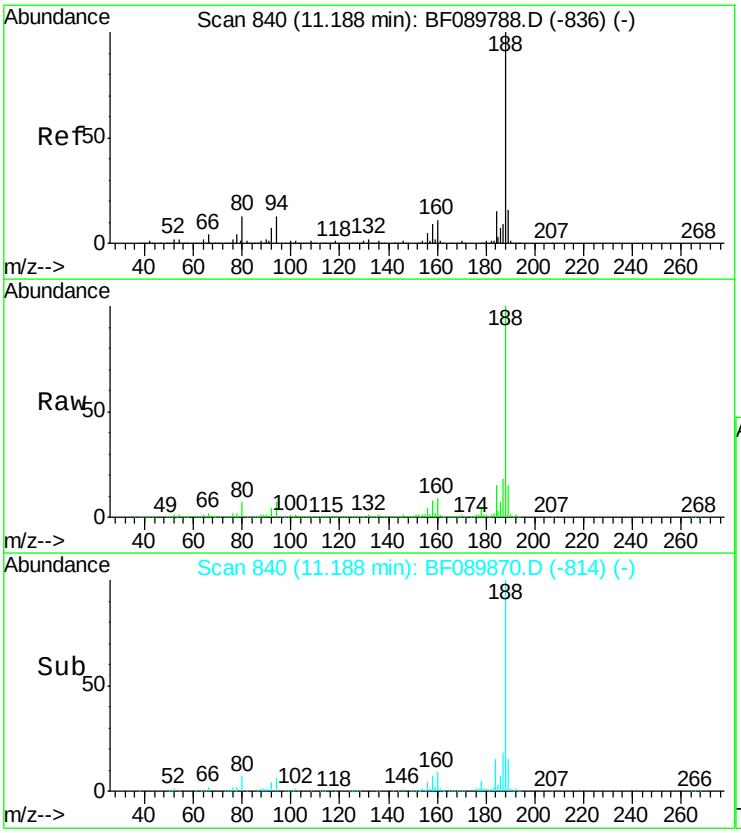
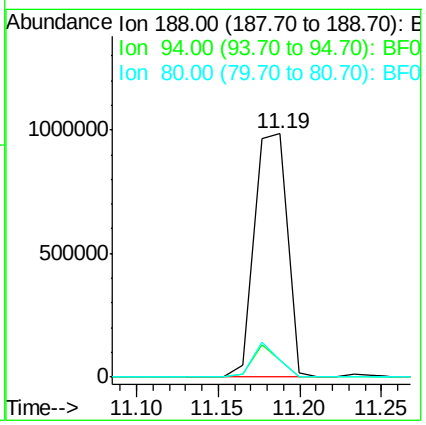
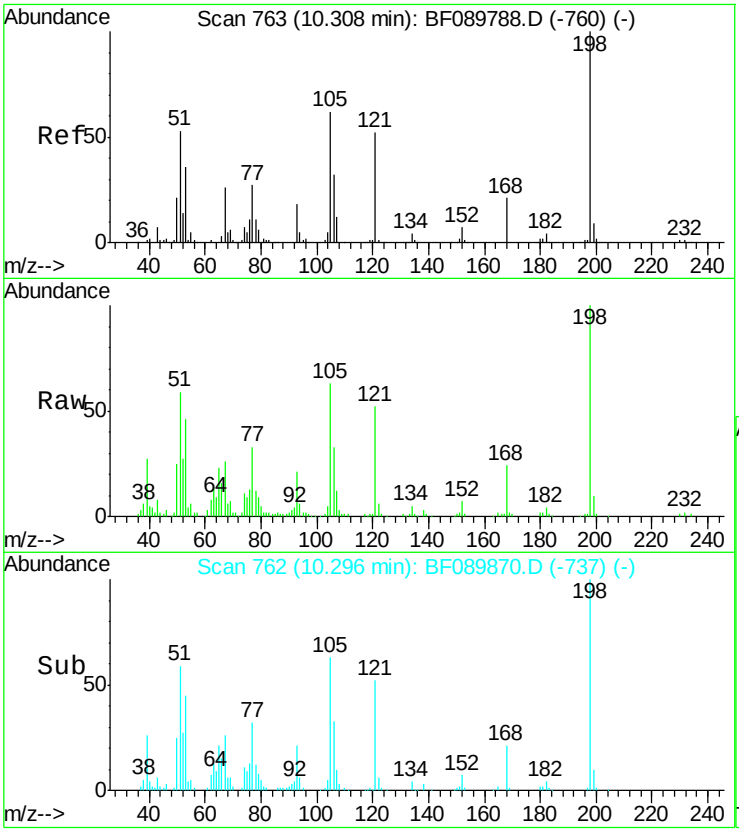


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:188 Resp: 1386337

Ion	Ratio	Lower	Upper
188	100		
94	7.0	10.2	15.2#
80	6.8	10.9	16.3#

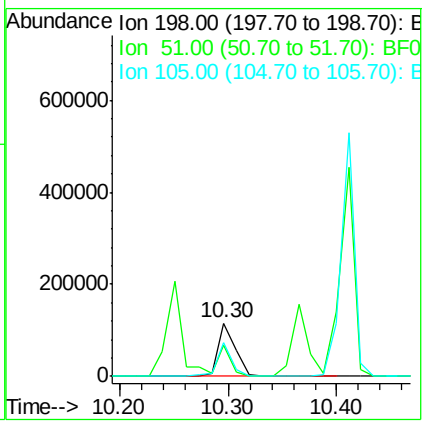




#64
4,6-Dinitro-2-methylphenol
Concen: 15.88 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:198 Resp: 126539

Ion	Ratio	Lower	Upper
198	100		
51	58.9	32.3	72.3
105	62.8	32.9	72.9



Instrument :
BNA_F
ClientSampleId :
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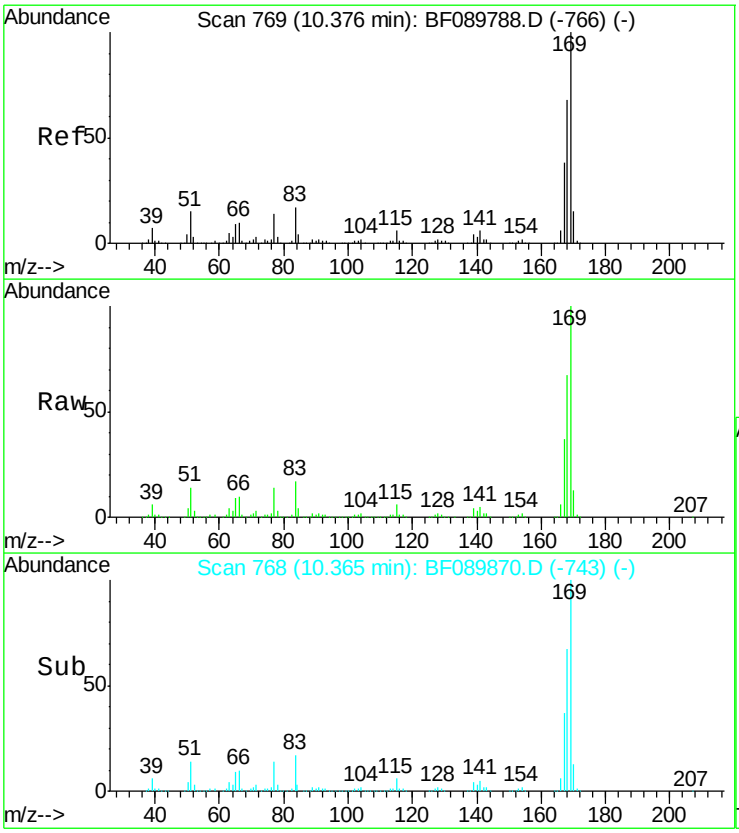
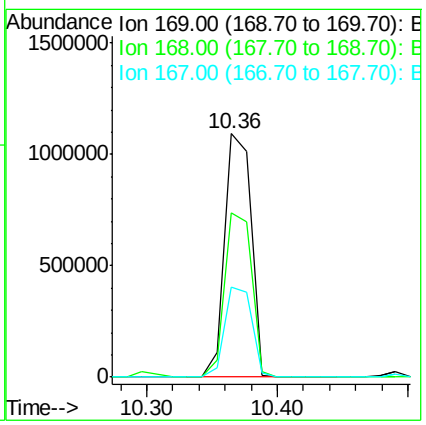
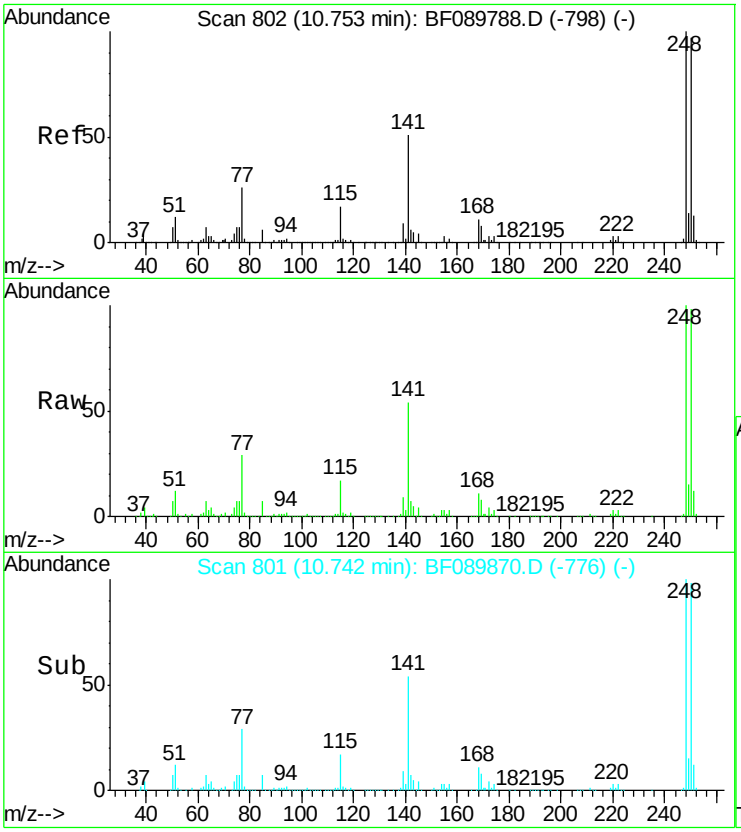


#65
n-Nitrosodiphenylamine
Concen: 35.26 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:169 Resp: 1537055

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.6	82.0
167	37.1	30.6	45.8

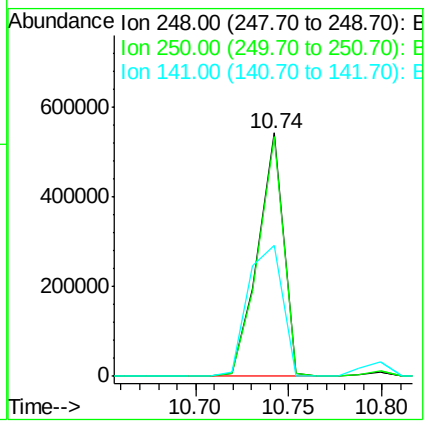




#66
4-Bromophenyl-phenylether
Concen: 35.45 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:248 Resp: 515236

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	117.8
141	53.9	31.4	47.2#



Instrument :
BNA_F
ClientSampleId :
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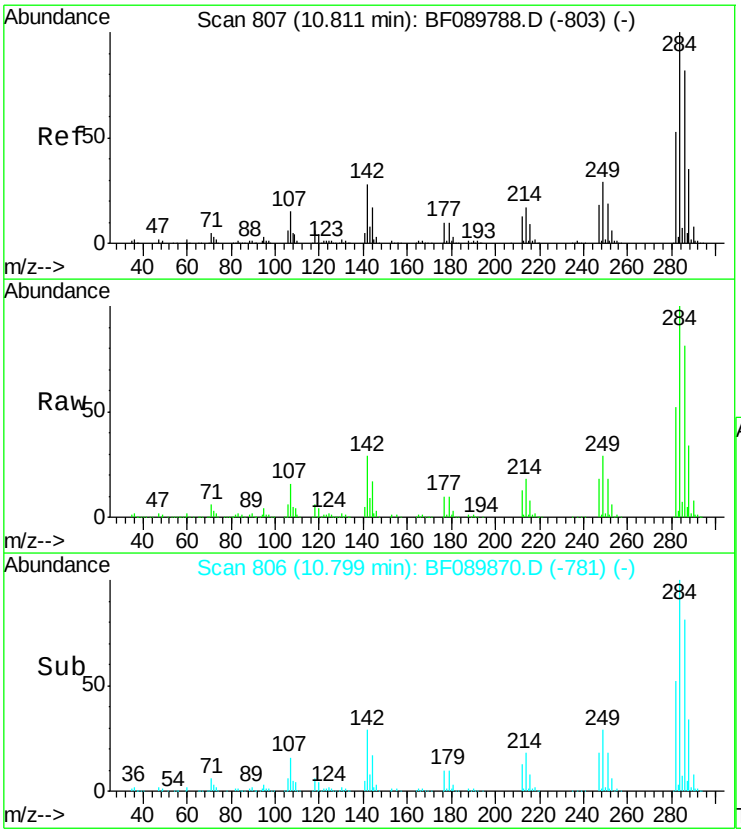
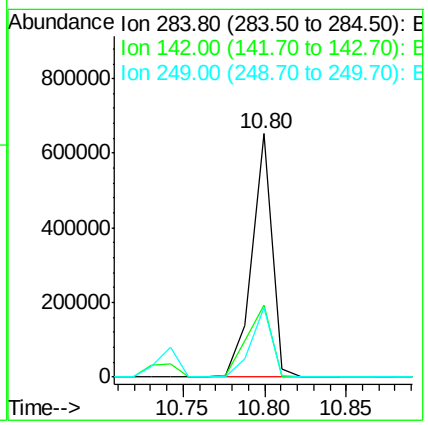
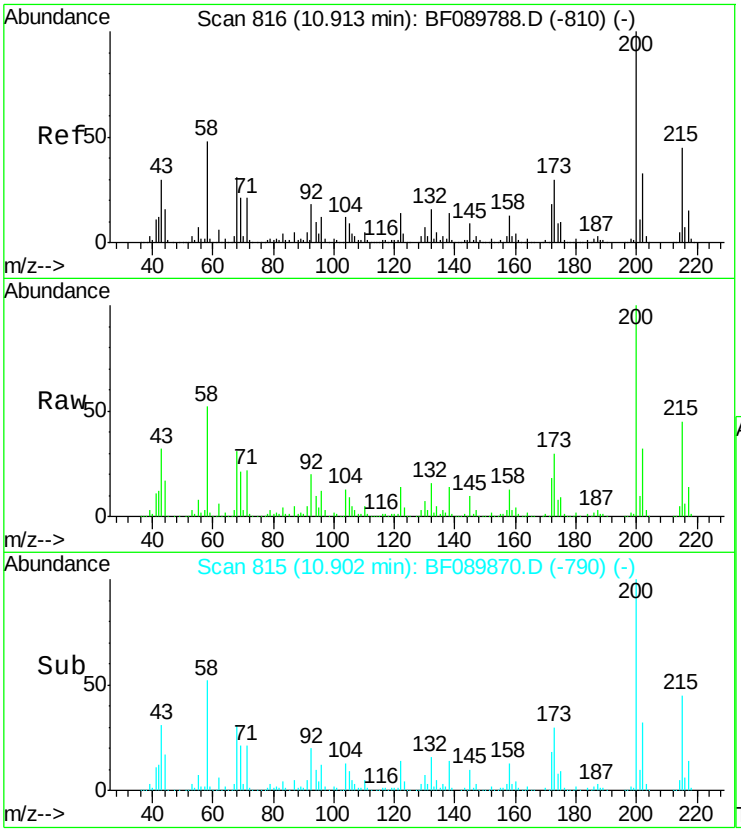


#67
Hexachlorobenzene
Concen: 33.82 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:284 Resp: 560797

Ion	Ratio	Lower	Upper
284	100		
142	29.4	17.4	26.2#
249	28.8	22.8	34.2

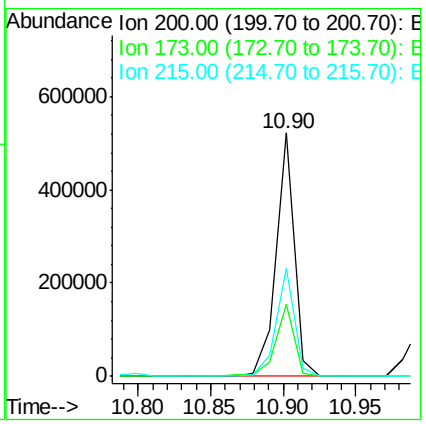




#68
Atrazine
Concen: 34.03 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:200 Resp: 454250

Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.6	46.6
215	44.6	24.7	64.7



Instrument :
BNA_F
ClientSampleId :
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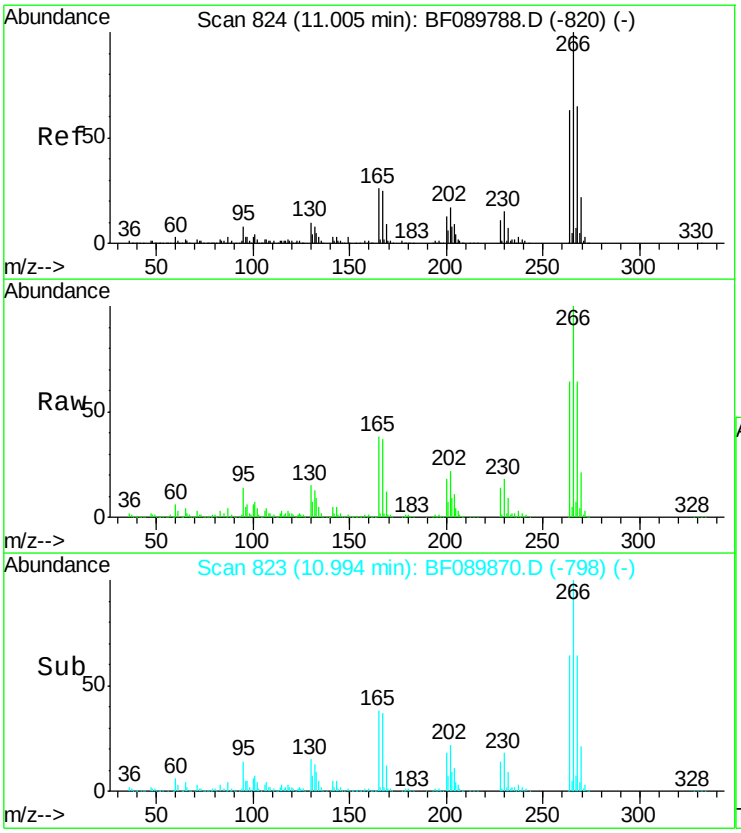
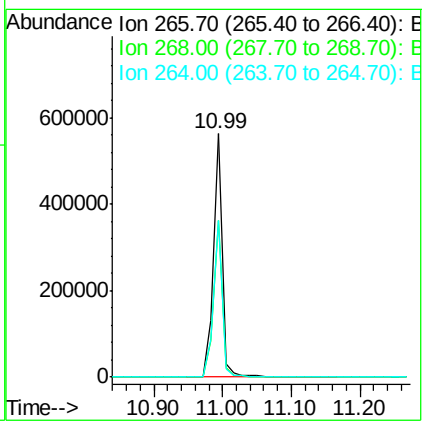
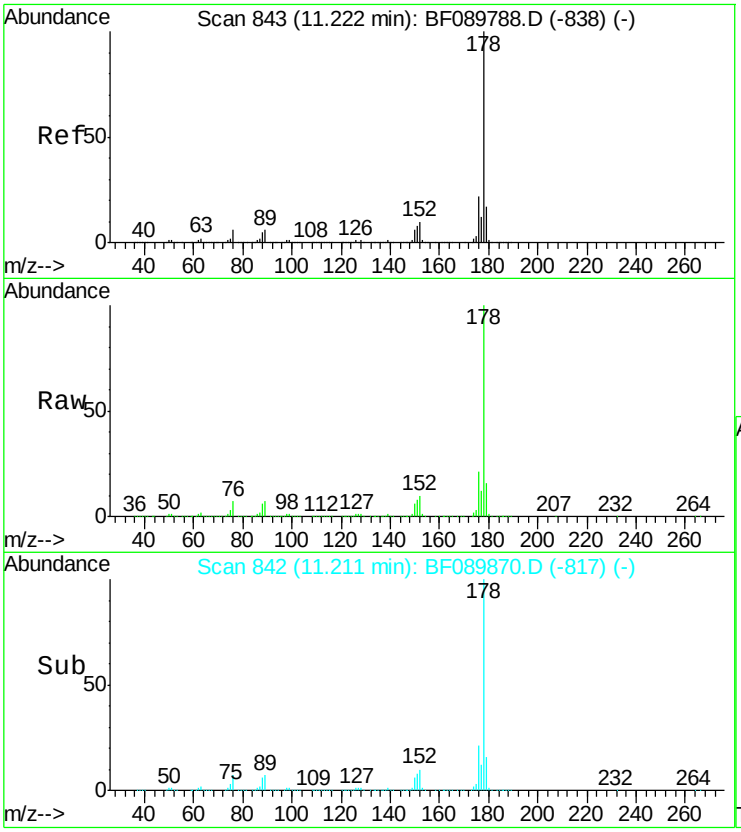


#69
Pentachlorophenol
Concen: 55.44 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:266 Resp: 521044

Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.2	79.8
264	64.2	51.1	76.7

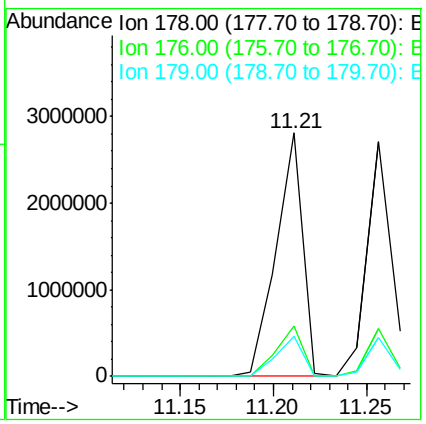




#70
Phenanthrene
Concen: 39.94 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:178 Resp: 2796793

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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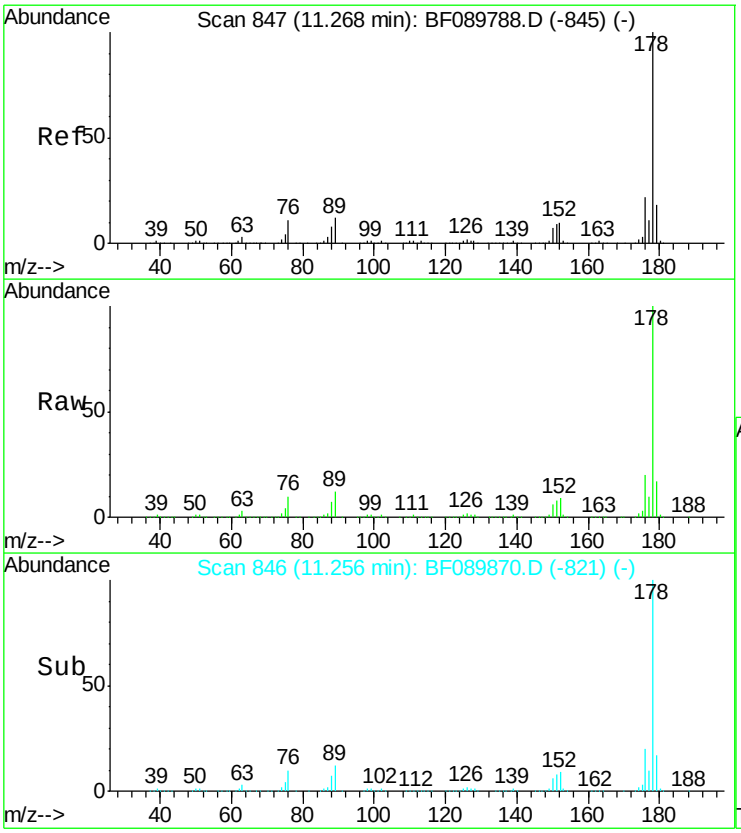
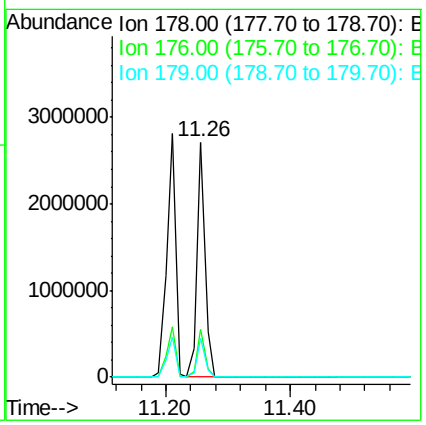
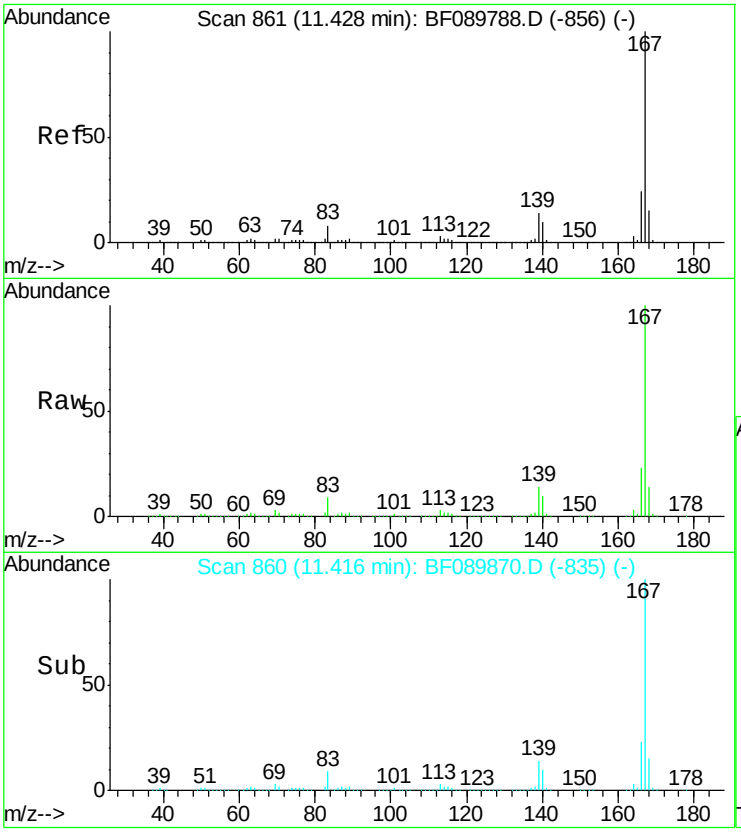


#71
Anthracene
Concen: 34.70 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:178 Resp: 2469533

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	16.8	13.1	19.7

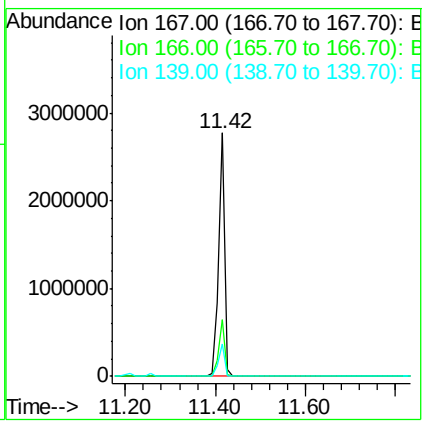




#72
Carbazole
Concen: 40.38 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:167 Resp: 2577696

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.9	26.9
139	13.5	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
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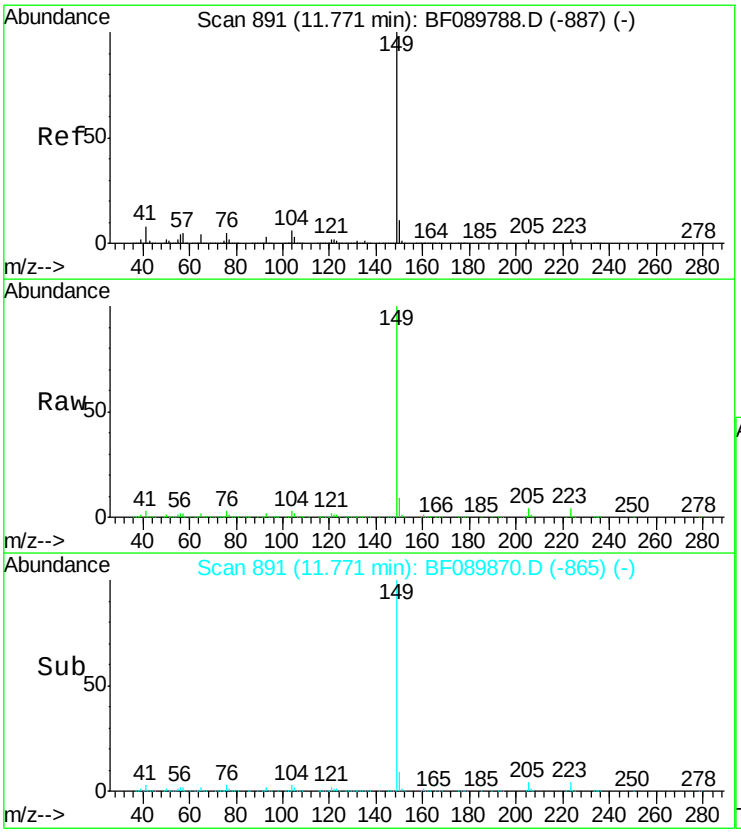
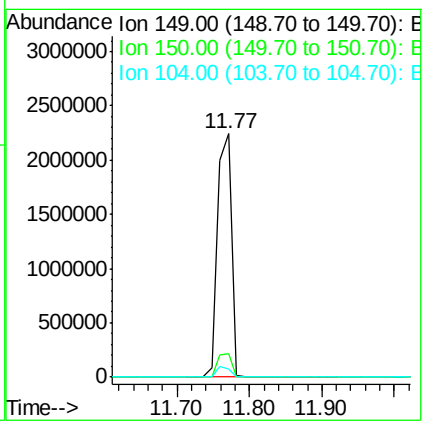
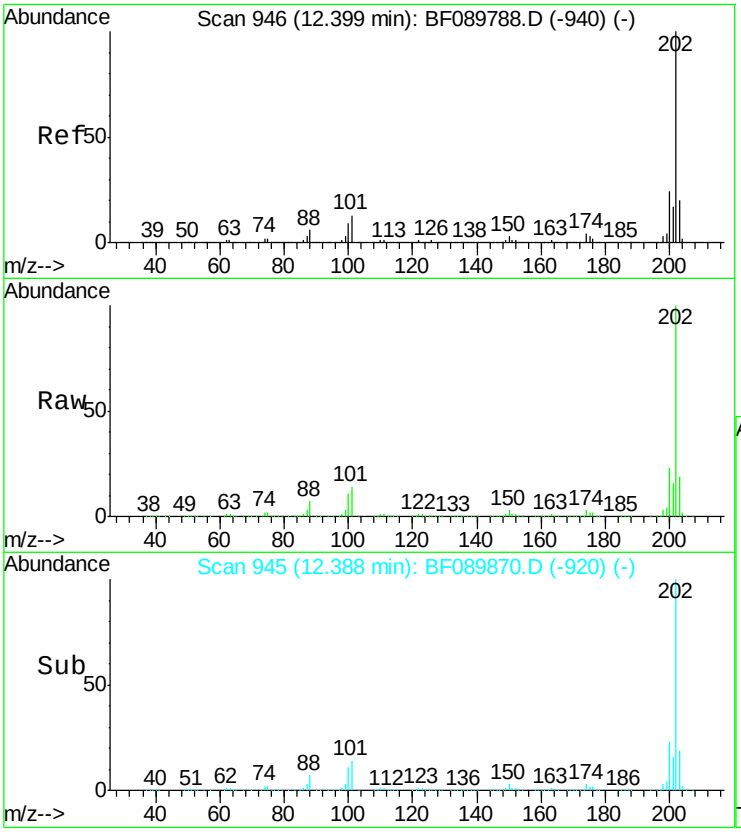


#73
Di-n-butylphthalate
Concen: 37.28 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:149 Resp: 2977314

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	3.4	4.3	6.5#

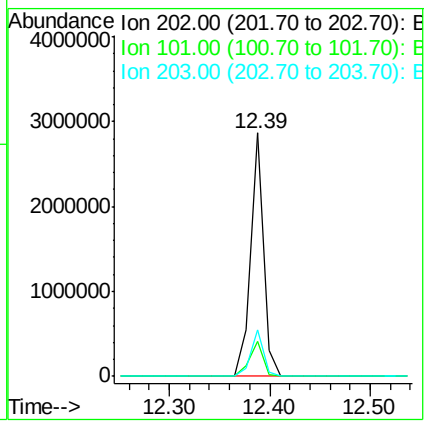




#74
Fluoranthene
Concen: 38.78 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:202 Resp: 2582656

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	31.2
203	19.0	0.0	38.1



Instrument :
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ClientSampleId :
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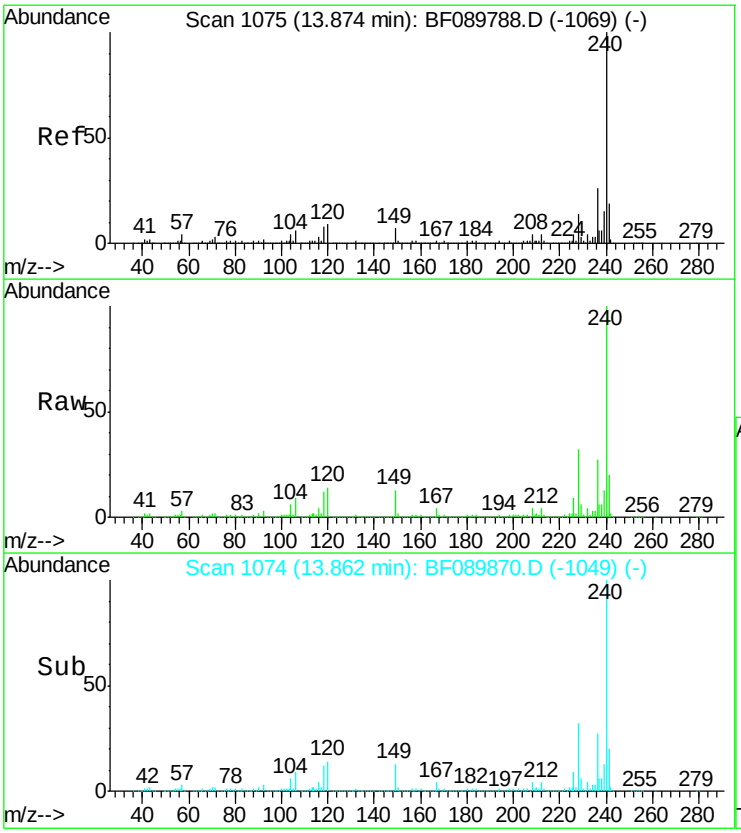
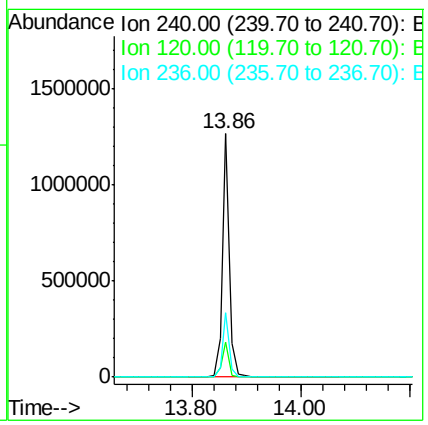
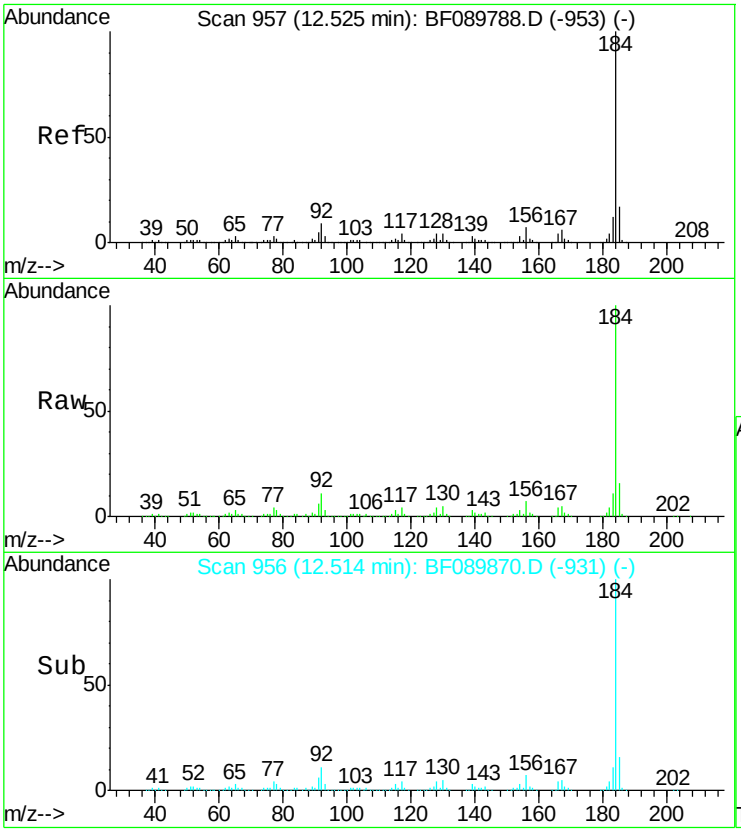


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:240 Resp: 1161495

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.3	12.5#
236	26.6	21.3	31.9

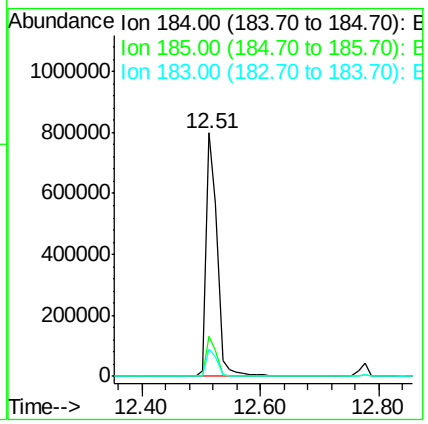




#76
Benzidine
Concen: 27.57 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:184 Resp: 1036215

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.8	20.8
183	11.3	9.7	14.5



Instrument :
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ClientSampleId :
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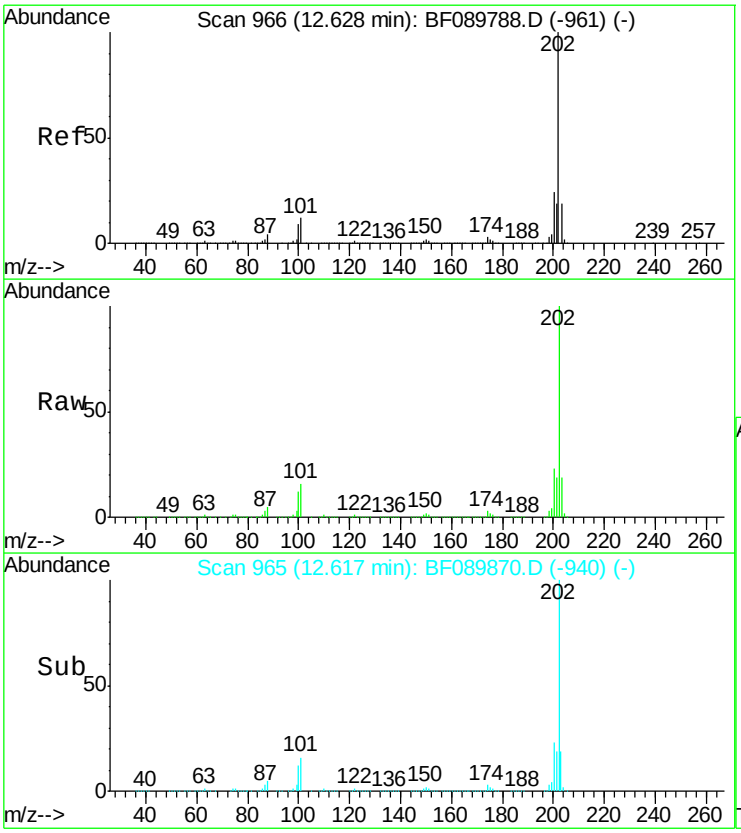
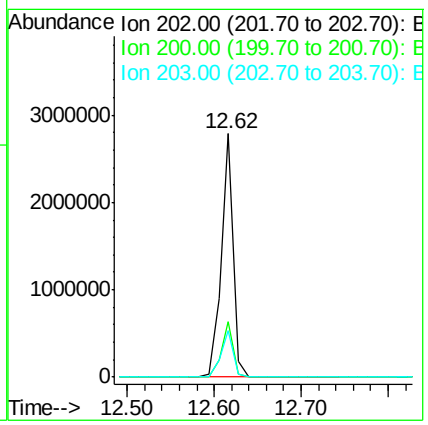
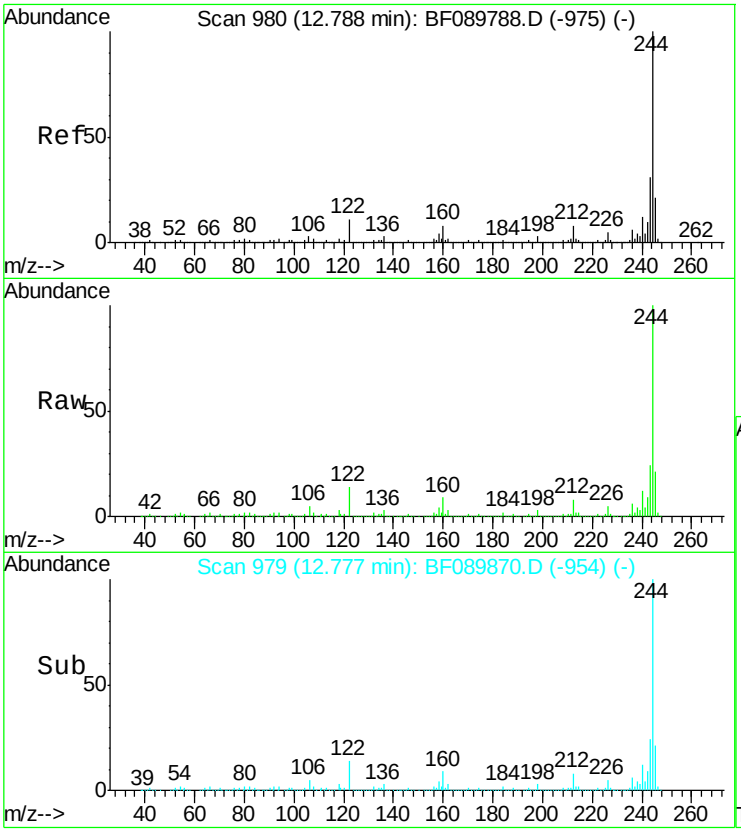


#77
Pyrene
Concen: 28.38 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:202 Resp: 2683973

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	19.1	14.2	21.4

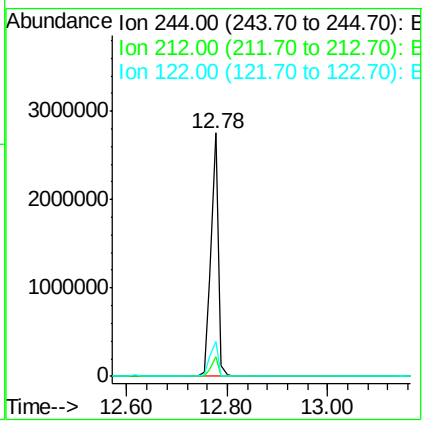




#78
Terphenyl-d14
Concen: 54.10 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:244 Resp: 2777312

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	14.2	12.0	18.0



Instrument :
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ClientSampleId :
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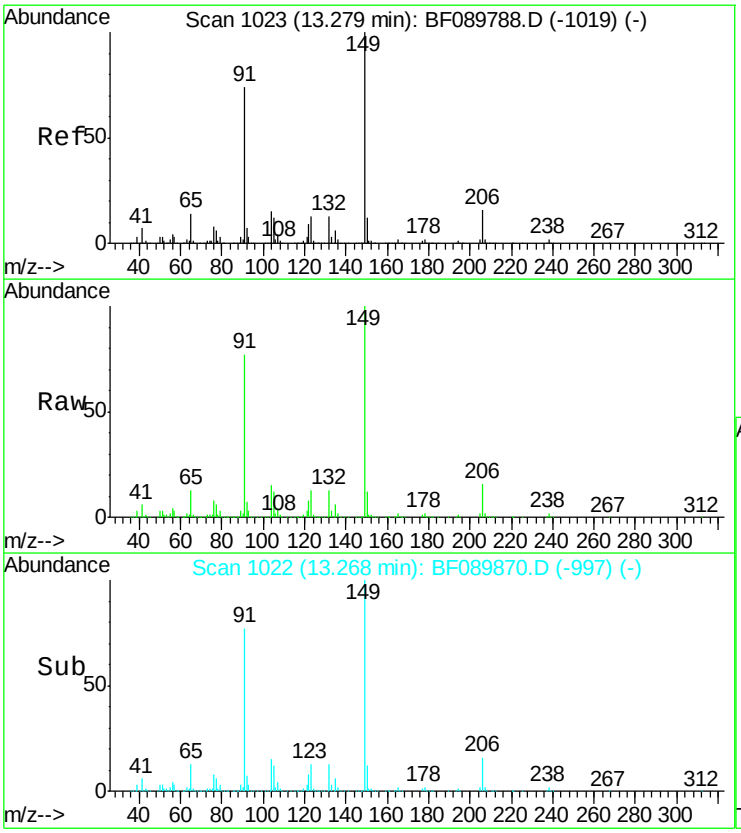
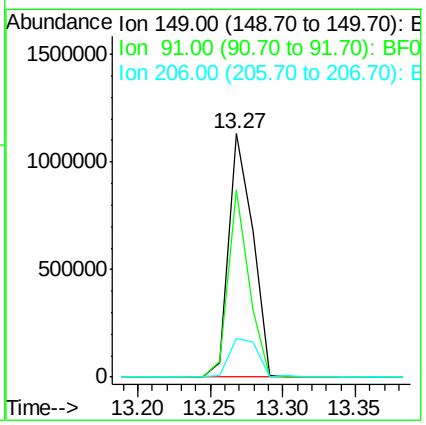
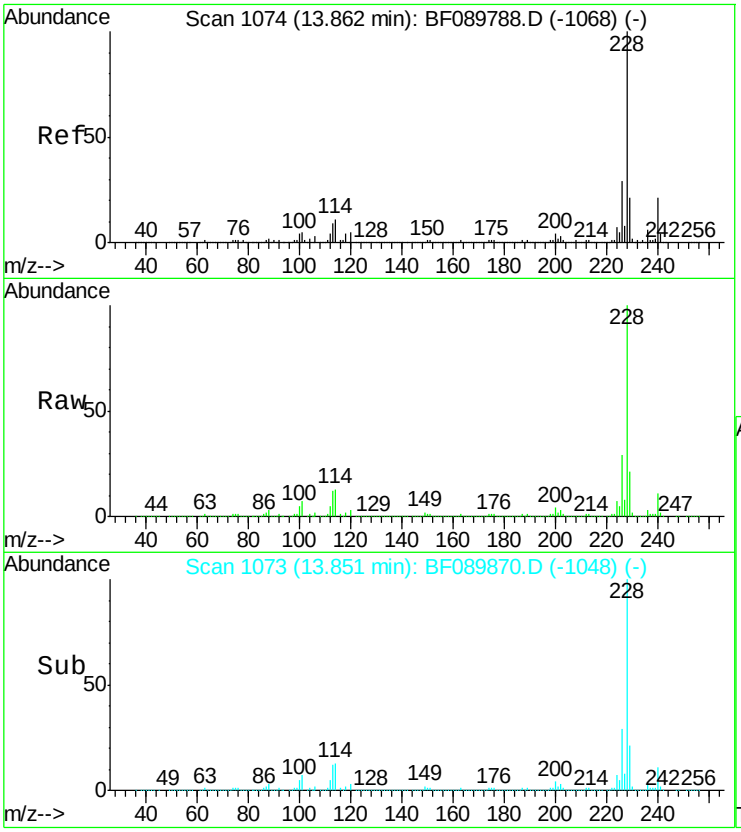


#79
Butylbenzylphthalate
Concen: 30.42 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:149 Resp: 1299462

Ion	Ratio	Lower	Upper
149	100		
91	76.7	50.7	76.1#
206	15.9	15.5	23.3

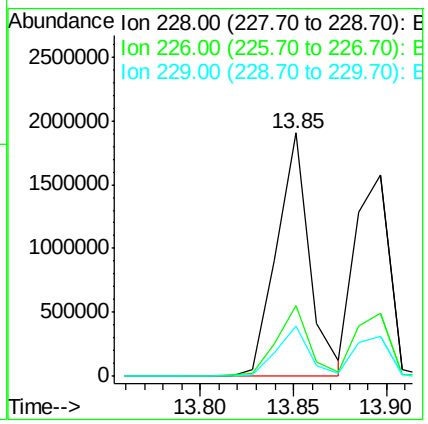




#80
Benzo(a)anthracene
Concen: 35.09 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:228 Resp: 2334389

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	20.7	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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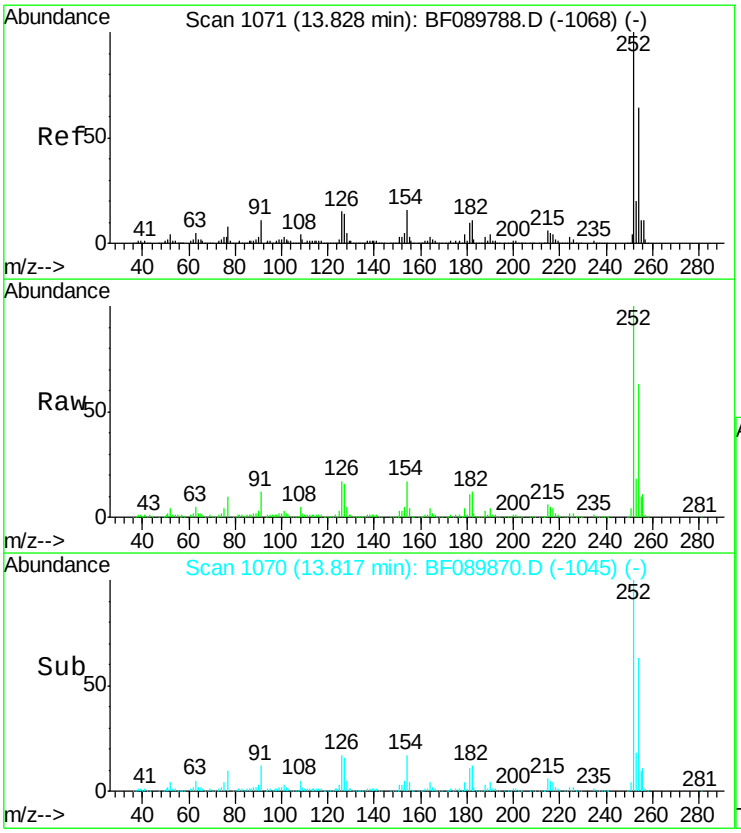
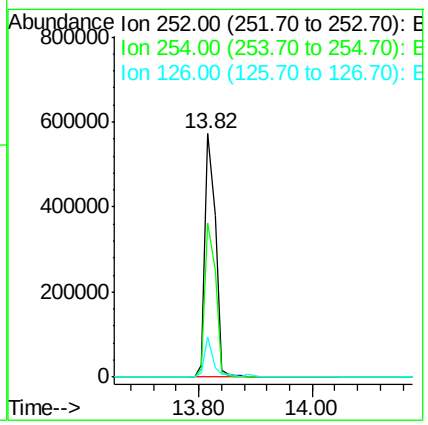
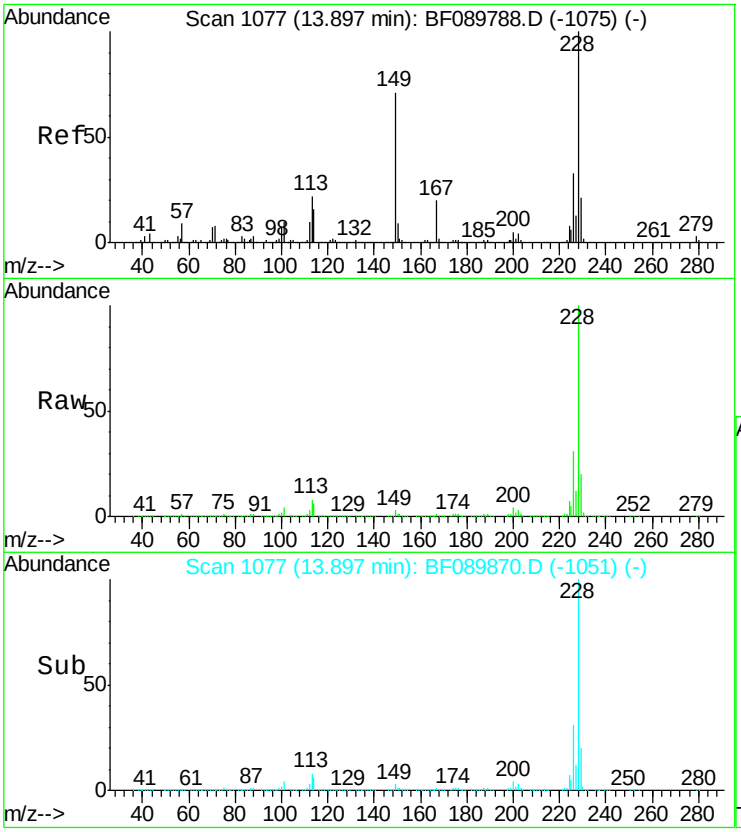


#81
3,3'-Dichlorobenzidine
Concen: 32.14 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:252 Resp: 700935

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.6	75.8
126	16.6	12.6	18.8

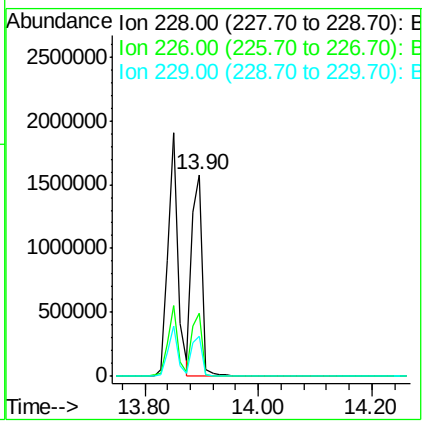




#82
Chrysene
Concen: 35.94 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:228 Resp: 2049374

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.1	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
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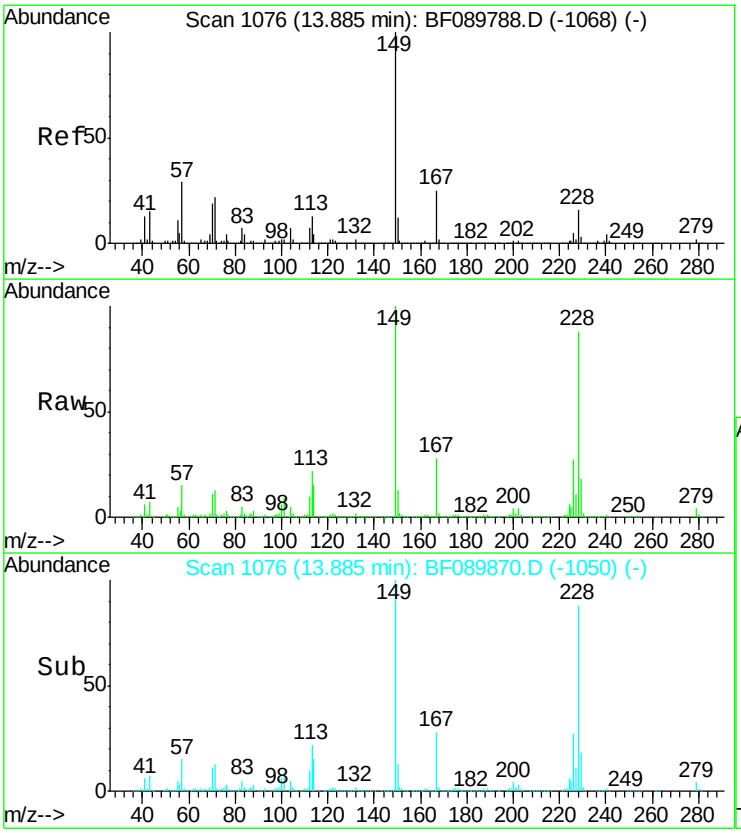
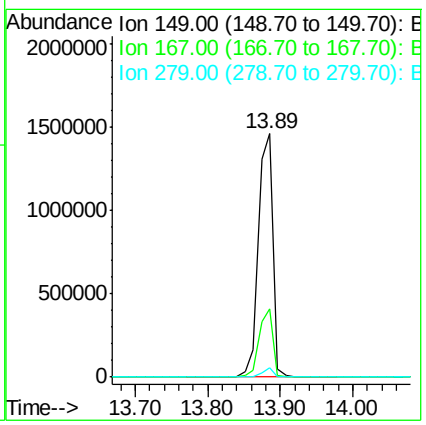
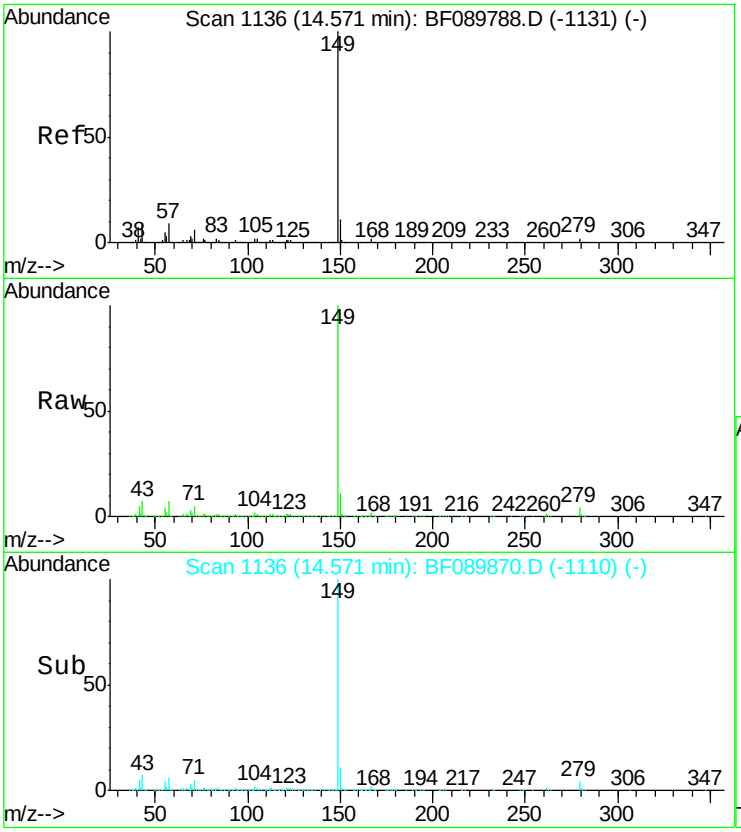


#83
Bis(2-ethylhexyl)phthalate
Concen: 35.55 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:149 Resp: 2091764

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.2	31.8
279	3.9	2.9	4.3

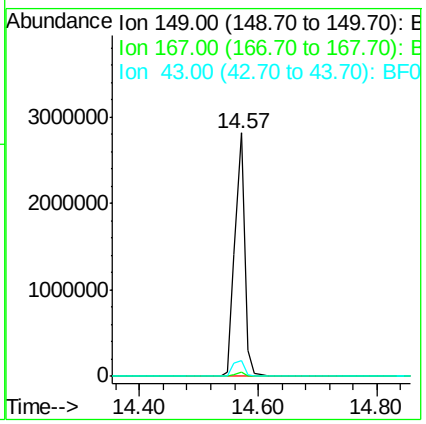




#84
Di-n-octyl phthalate
Concen: 40.90 ng
RT: 14.57 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:149 Resp: 3197968

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	8.4	12.6#



Instrument :
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ClientSampleId :
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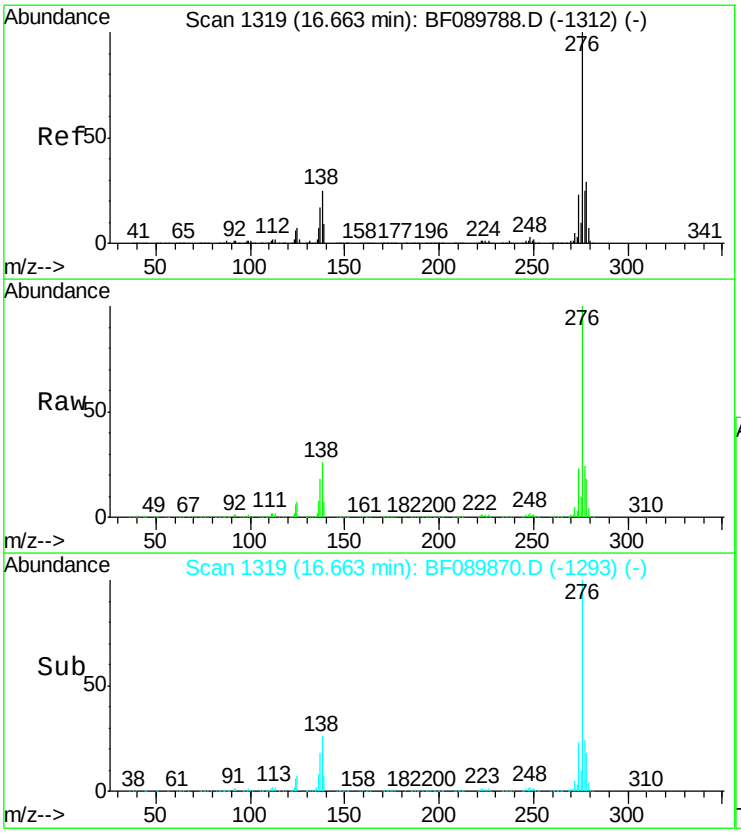
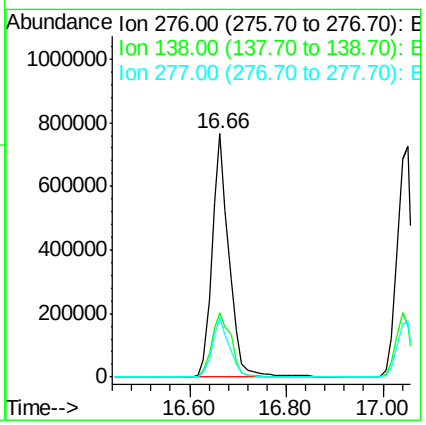
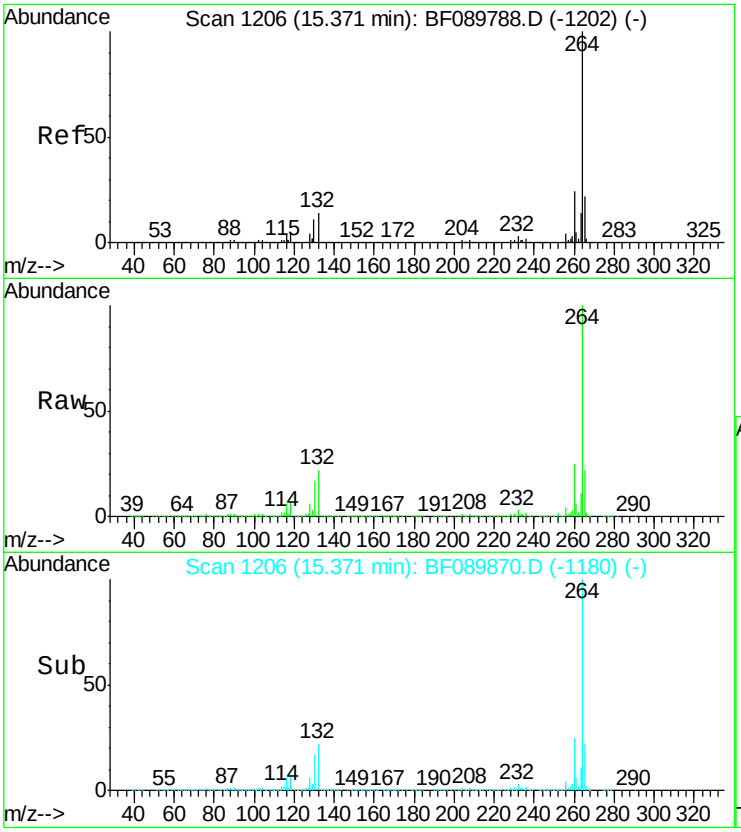


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.92 ng
RT: 16.66 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:276 Resp: 1885890

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.6	36.8
277	25.0	20.4	30.6

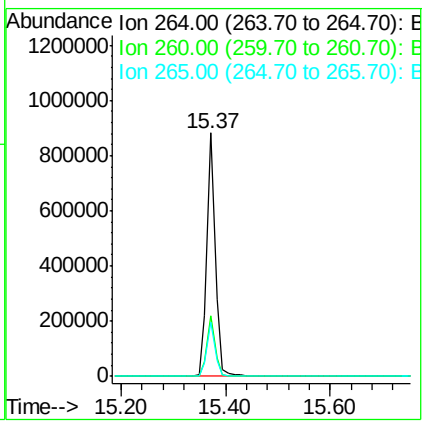




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:264 Resp: 1001746

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.5	17.4	26.2



Instrument :
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ClientSampleId :
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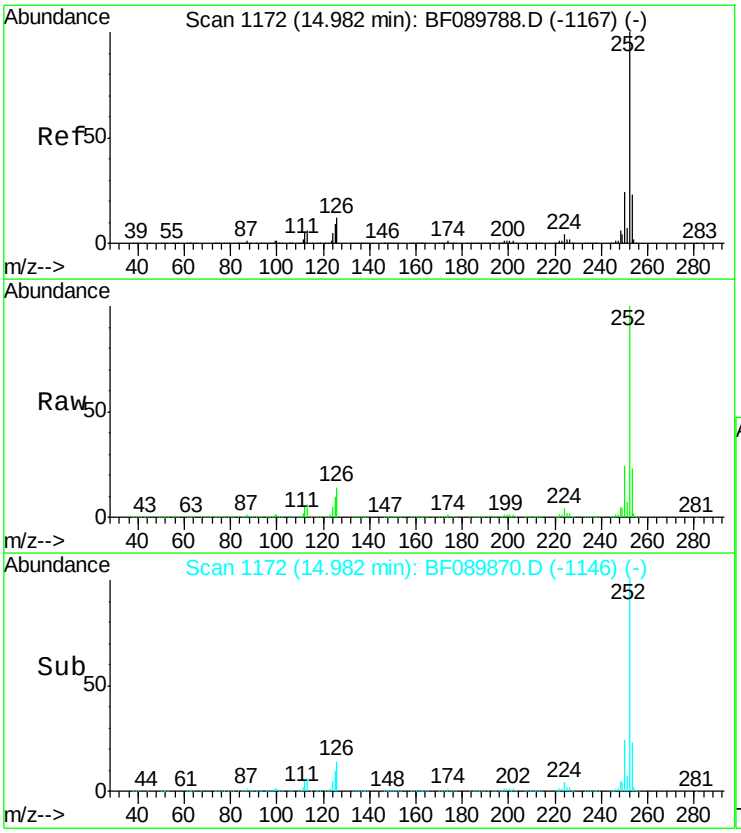
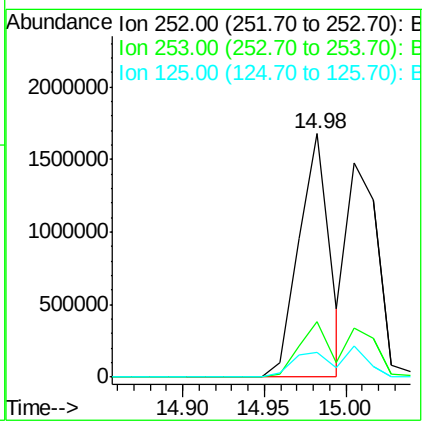
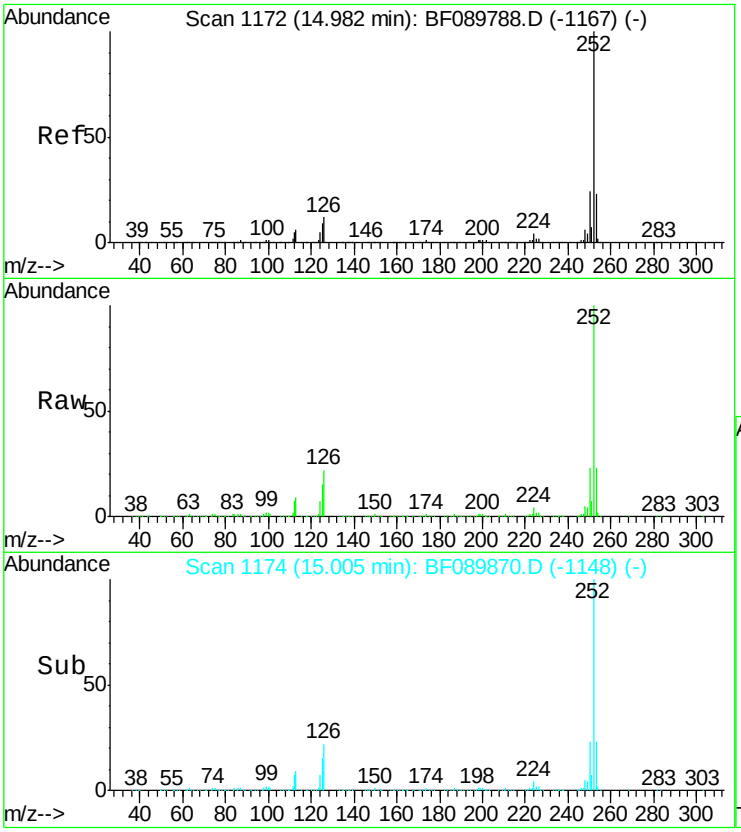


#87
Benzo(b)fluoranthene
Concen: 39.93 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:252 Resp: 2200220

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.2	11.4	17.2#





#88
Benzo(k)fluoranthene
Concen: 39.05 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:252 Resp: 1952286

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.6	9.8	14.6#

Instrument :
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ClientSampleId :
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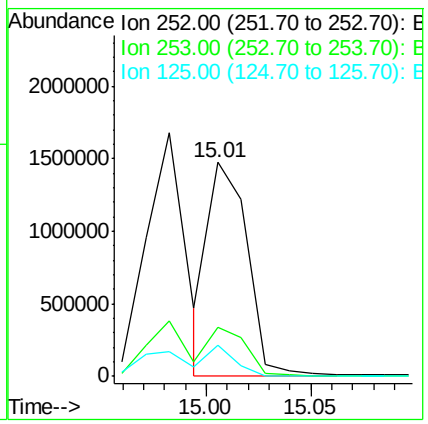
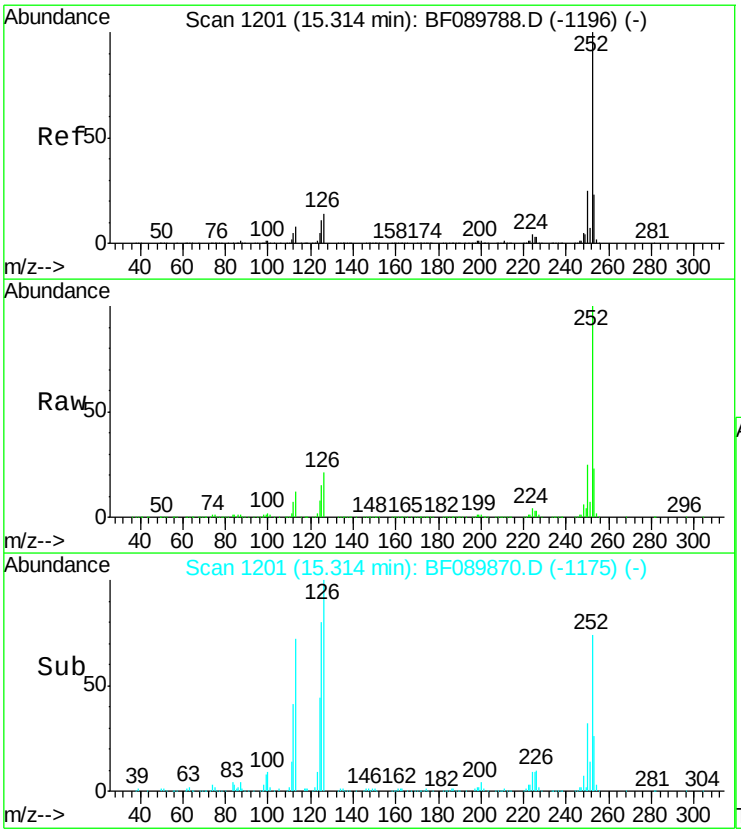
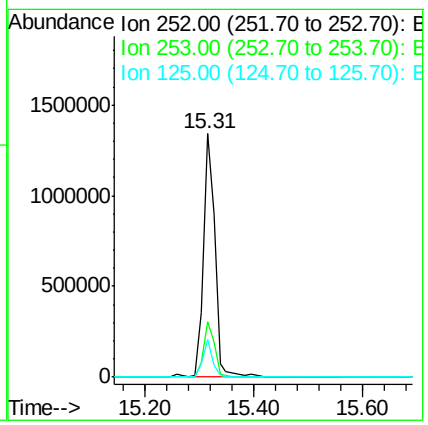


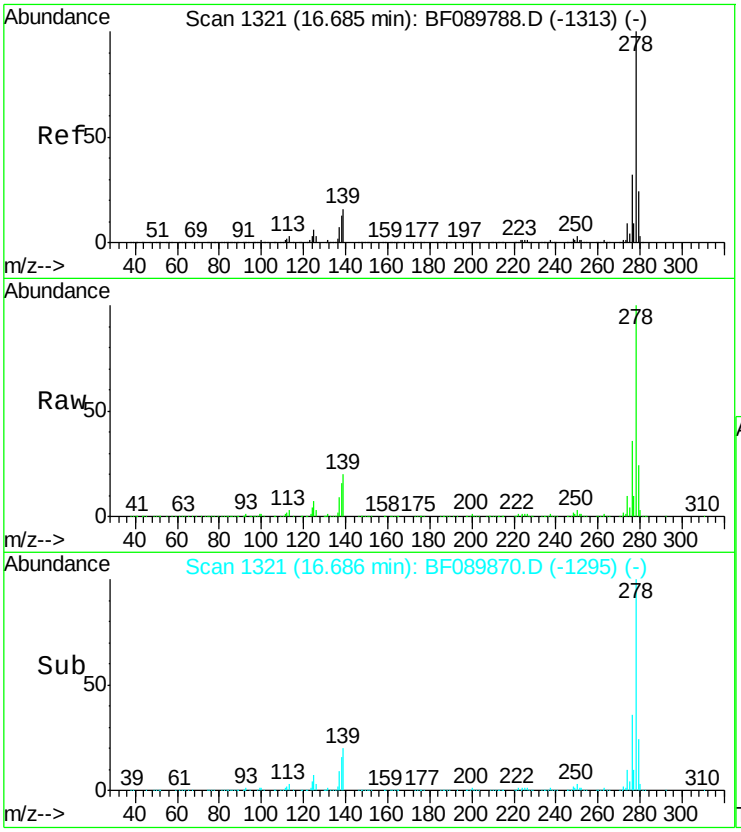


#89
Benzo(a)pyrene
Concen: 36.61 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:252 Resp: 1909494

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	15.4	11.7	17.5

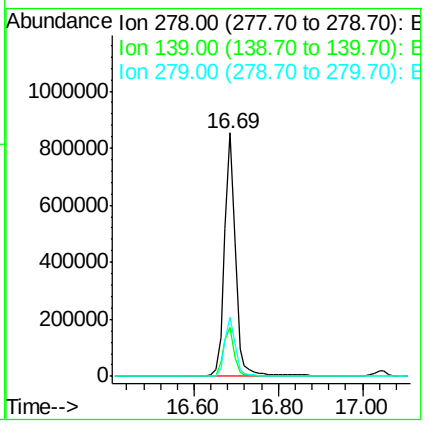




#90
Dibenzo(a,h)anthracene
Concen: 27.48 ng
RT: 16.69 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:278 Resp: 1555839

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.9	22.3
279	24.2	19.2	28.8



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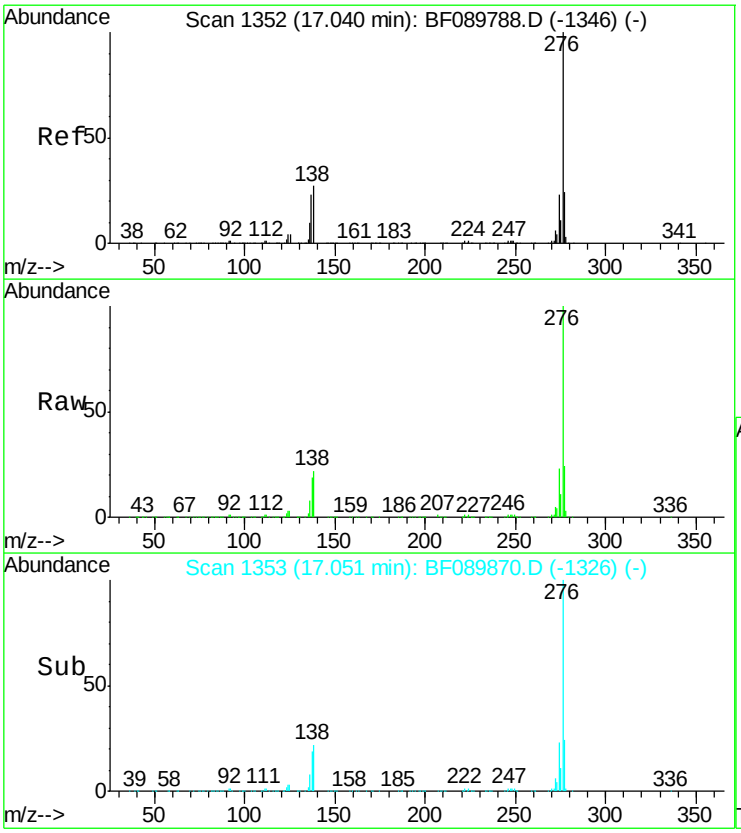

#91
Benzo(g,h,i)perylene
Concen: 26.15 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF089870.D
Acq: 24 Aug 2016 13:23

Tgt Ion:276 Resp: 1558984

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.4	22.1	33.1