Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Time: Nov 18 22:01:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	170554	20.00	ng		-0.05
21) Naphthalene-d8	7.92	136	364837	20.00	ng		-0.03
38) Acenaphthene-d10	9.68	164	147626	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	313738	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	463181	20.00	ng		-0.05
86) Perylene-d12	15.13	264	384433	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1080946	104.67	ng		-0.05
7) Phenol-d6	6.27	99	1395476	99.56	ng		-0.05
23) Nitrobenzene-d5	7.18	82	806479	120.59	ng		-0.06
41) 2,4,6-Tribromophenol	10.48	330	193143	144.72	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	807491	94.17	ng		-0.03
78) Terphenyl-d14	12.73	244	1143877	61.63	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	31752	4.08	ng		85
10) Phenol	6.28	94	93588	6.03	ng	#	68
15) Benzyl Alcohol	6.77	79	30747	3.11	ng	#	45
18) Hexachloroethane	7.12	117	145572	28.14	ng	#	1
19) n-Nitroso-di-n-propylamine	7.05	70	78435	8.07	ng	#	65
22) Acetophenone	7.01	105	696983	82.97	ng	#	58
24) Nitrobenzene	7.28	77	167105	22.62	ng	#	36
25) Isophorone	7.44	82	175208	13.60	ng	#	1
26) 2-Nitrophenol	7.58	139	52488	16.79	ng	#	1
27) 2,4-Dimethylphenol	7.56	122	32588	6.30	ng	#	1
28) bis(2-Chloroethoxy)methane	7.70	93	69998	9.94	ng	#	1
29) 2,4-Dichlorophenol	7.77	162	34050	7.55	ng	#	32
30) 1,2,4-Trichlorobenzene	7.82	180	15658	3.09	ng	#	51
31) Naphthalene	7.93	128	1186220	67.99	ng	#	94
32) Benzoic acid	7.71	122	23300	10.24	ng	#	1
33) 4-Chloroaniline	8.04	127	22464	3.10	ng	#	12
35) Caprolactam	8.36	113	184932	130.47	ng	#	37
36) 4-Chloro-3-methylphenol	8.45	107	68743	12.59	ng	#	28
37) 2-Methylnaphthalene	8.65	142	1599336	142.59	ng		99
42) 2,4,6-Trichlorophenol	8.92	196	17430	7.17	ng	#	13
43) 2,4,5-Trichlorophenol	8.92	196	17430	6.83	ng	#	1
45) 1,1'-Biphenyl	9.10	154	416873	38.67	ng		95
47) 2-Nitroaniline	9.16	65	35926	11.83	ng	#	48
48) Acenaphthylene	9.54	152	56551	4.43	ng	#	1
49) Dimethylphthalate	9.40	163	62659	6.47	ng	#	7
50) 2,6-Dinitrotoluene	9.49	165	57000	27.48	ng	#	48
51) Acenaphthene	9.71	154	92281	11.52	ng	#	71
52) 3-Nitroaniline	9.55	138	7235	2.94	ng	#	43
53) 2,4-Dinitrophenol	9.74	184	1880	7.79	ng	#	1
54) Dibenzofuran	9.88	168	116269	10.79	ng	#	31
55) 4-Nitrophenol	9.79	139	85787	54.34	ng	#	26
56) 2,4-Dinitrotoluene	9.89	165	22990	8.71	ng	#	71
57) Fluorene	10.22	166	350732	39.81	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	9.98	232	7641	3.82	ng	#	32

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Time: Nov 18 22:01:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 4-Nitroaniline	10.14	138	14996	6.03	ng		94
62) Azobenzene	10.38	77	72845	6.23	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.33	198	7042	3.67	ng	#	1
65) n-Nitrosodiphenylamine	10.34	169	390475	39.16	ng	#	54
66) 4-Bromophenyl-phenylether	10.73	248	9045	2.77	ng	#	1
68) Atrazine	10.89	200	42784	14.87	ng	#	1
69) Pentachlorophenol	10.99	266	4538	2.85	ng	#	20
70) Phenanthrene	11.18	178	752744	45.13	ng	#	94
71) Anthracene	11.28	178	215776	12.17	ng	#	1
74) Fluoranthene	12.58	202	158069	9.14	ng		86
77) Pyrene	12.58	202	158069	5.21	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
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Operator : UM/SJ
Sample : H5711-01
Misc :
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Instrument :
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ClientSampleId :
1050-410-NEWYORK

Quant Time: Nov 18 22:01:02 2016
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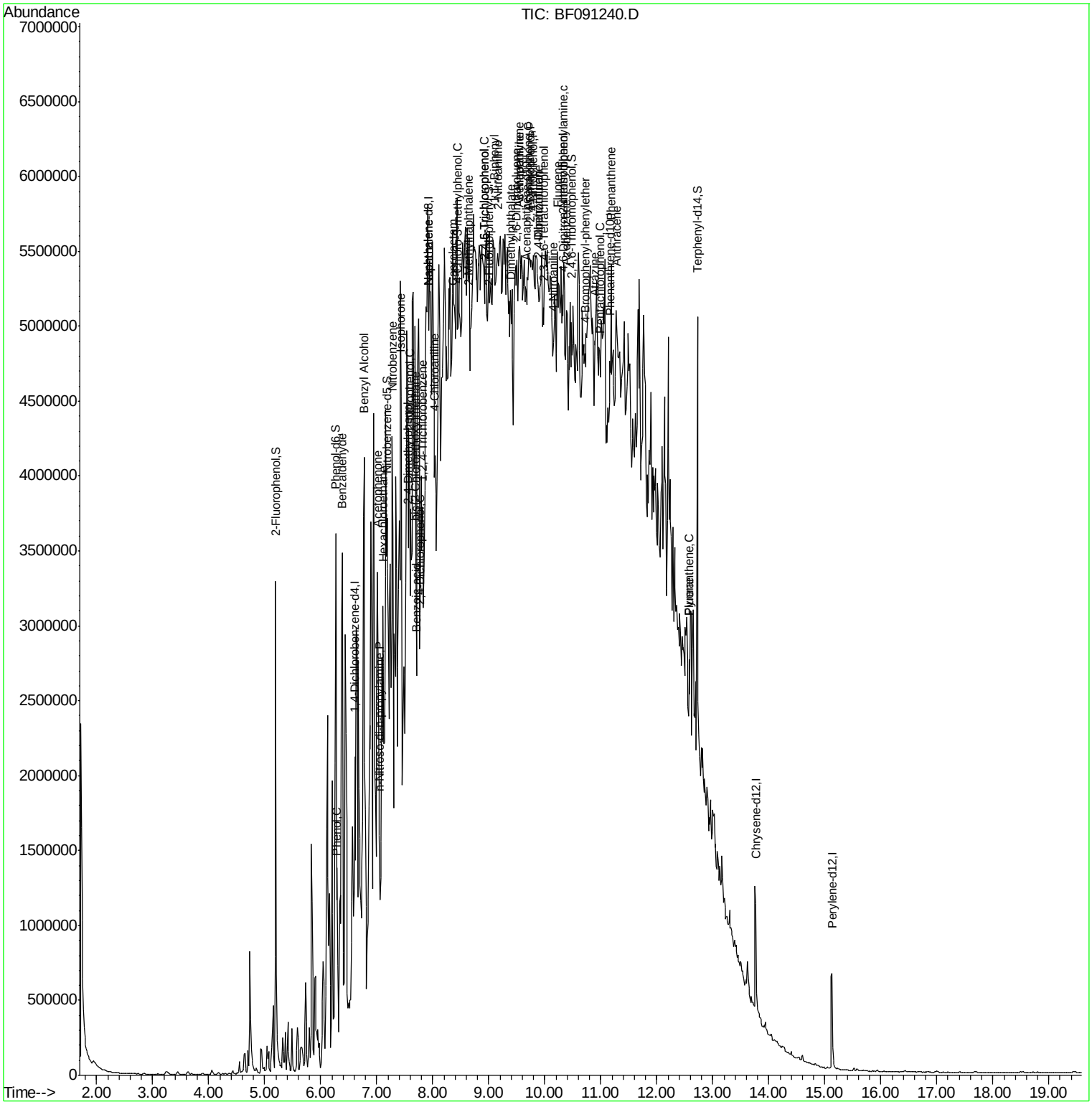
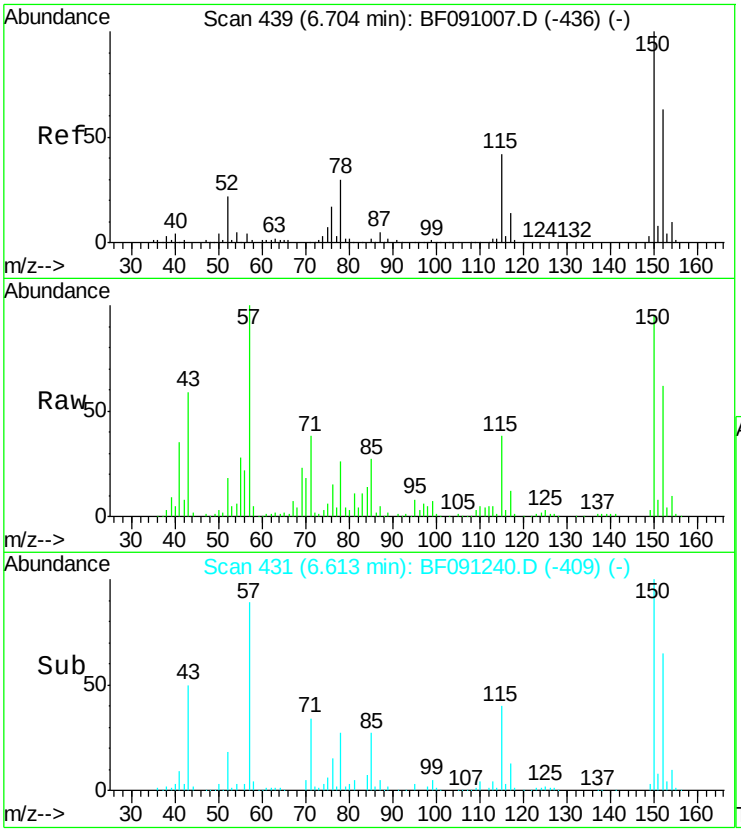
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



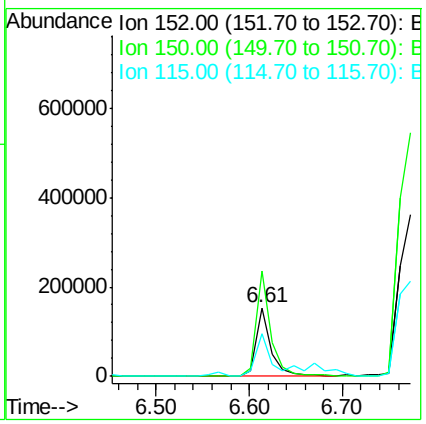


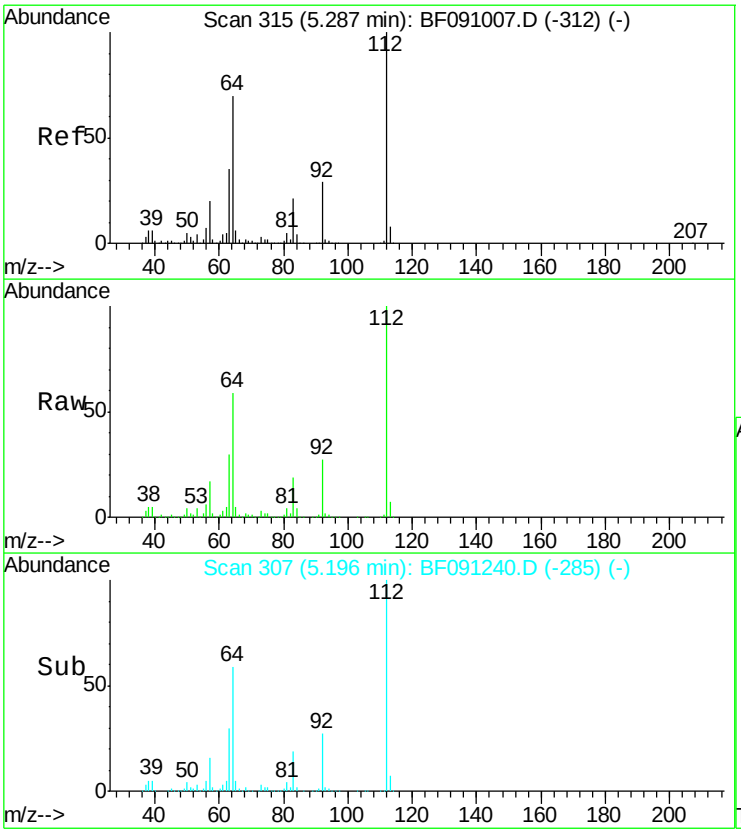
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:152 Resp: 170554

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.8	190.2
115	61.9	53.3	79.9

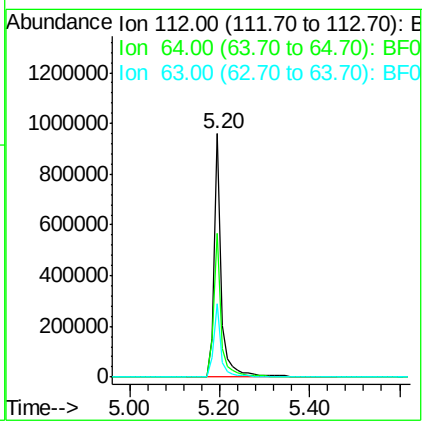


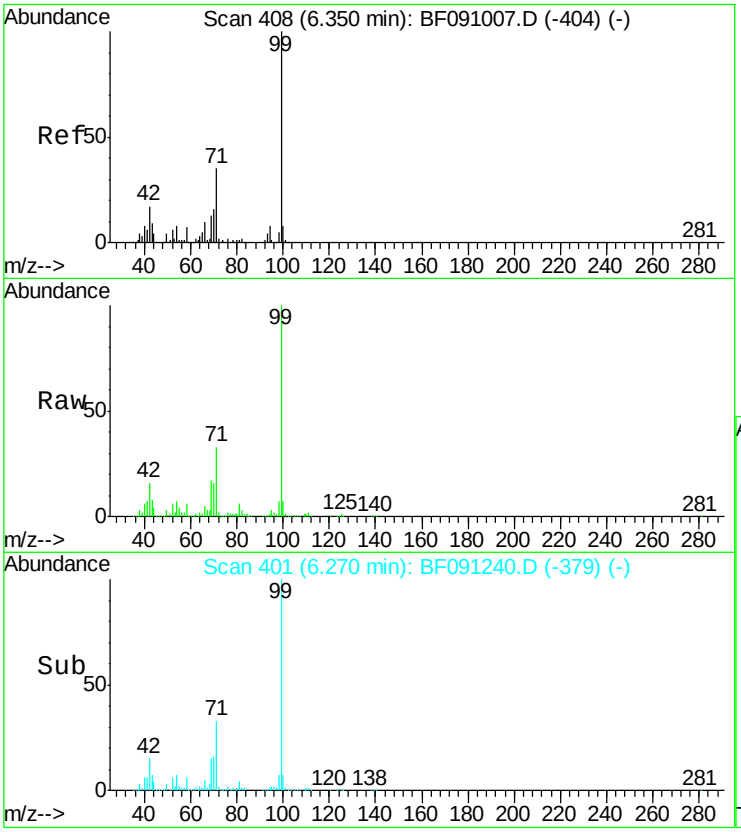


#5
2-Fluorophenol
Concen: 104.67 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:112 Resp: 1080946

Ion	Ratio	Lower	Upper
112	100		
64	59.3	55.8	83.6
63	30.1	28.0	42.0



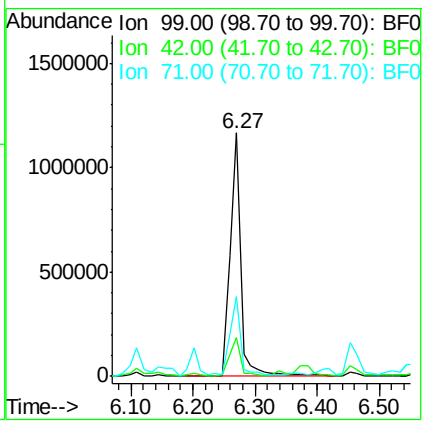


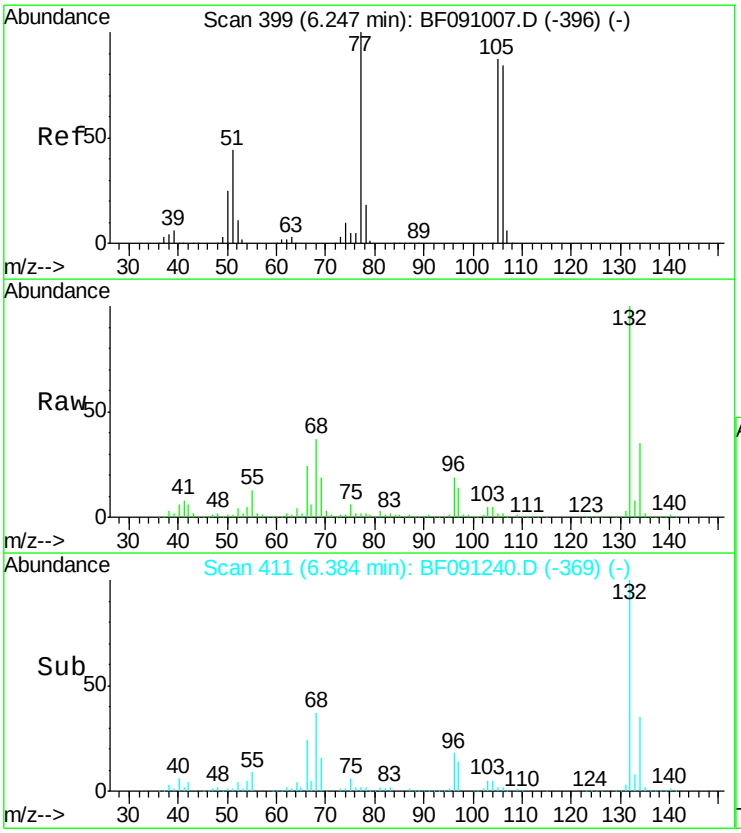
#7
Phenol-d6
Concen: 99.56 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion: 99 Resp: 1395476

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	32.8	27.8	41.8

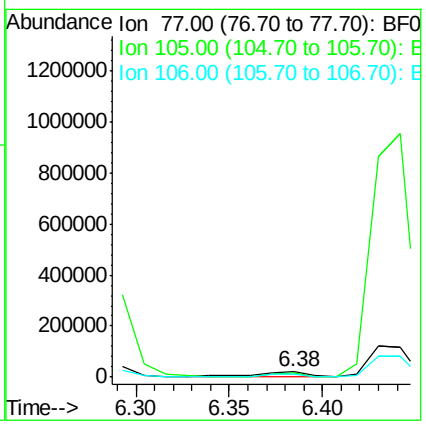


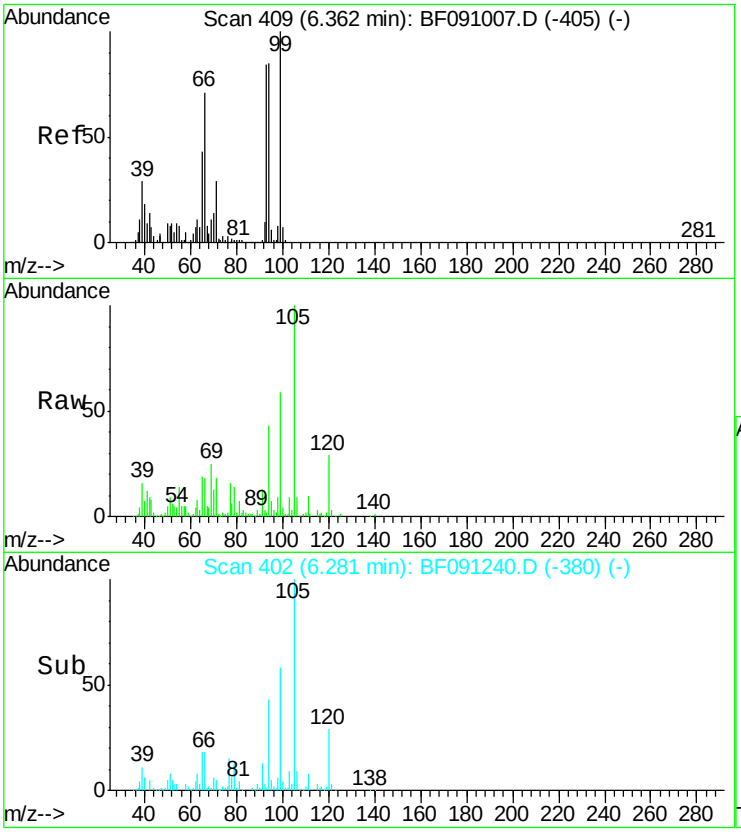


#9
Benzaldehyde
Concen: 4.08 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion: 77 Resp: 31752

Ion	Ratio	Lower	Upper
77	100		
105	78.4	66.8	106.8
106	64.3	64.0	104.0



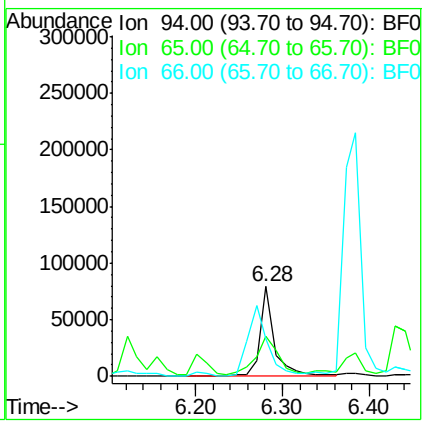


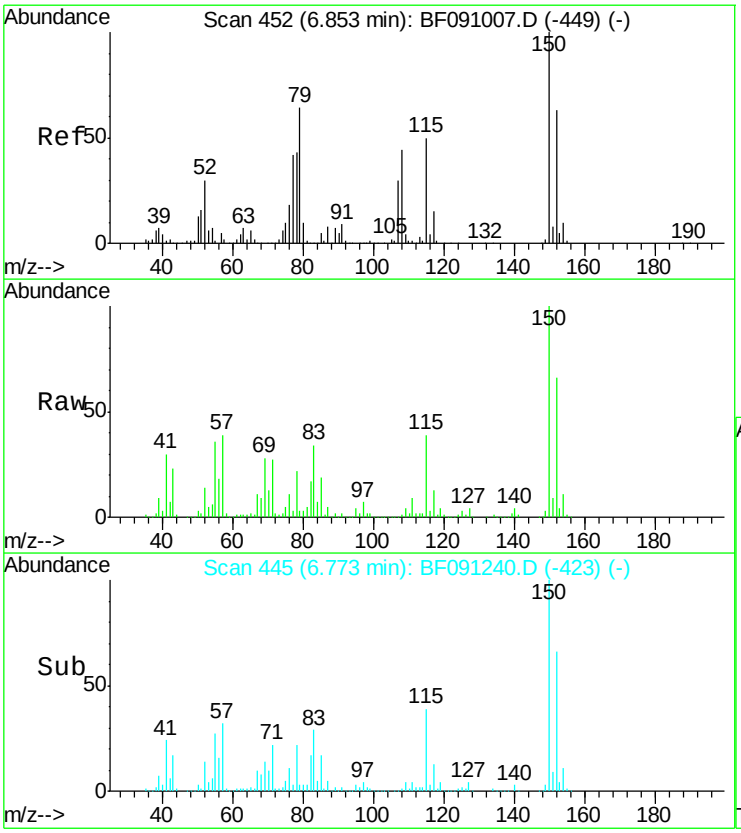
#10
Phenol
Concen: 6.03 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion: 94 Resp: 93588

Ion	Ratio	Lower	Upper
94	100		
65	44.2	30.4	70.4
66	41.9	62.9	102.9#

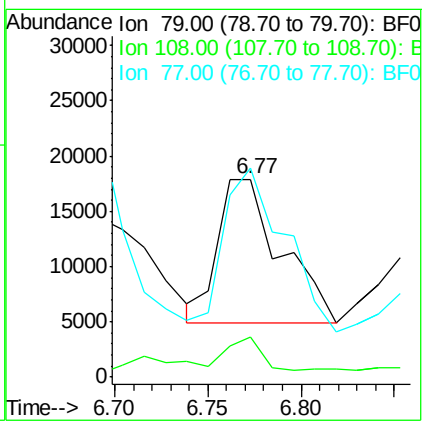


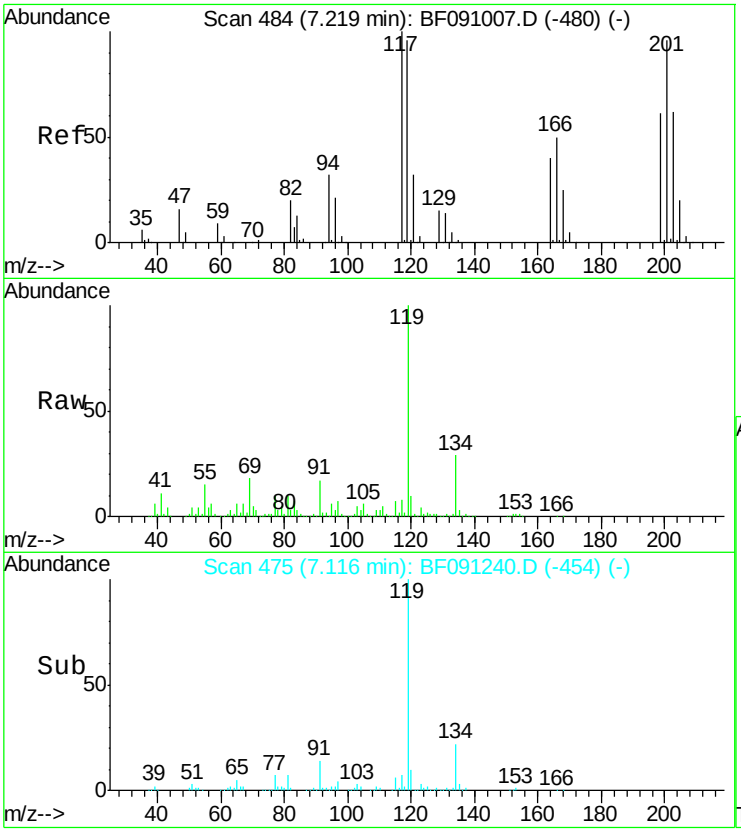


#15
Benzyl Alcohol
Concen: 3.11 ng
RT: 6.77 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion: 79 Resp: 30747

Ion	Ratio	Lower	Upper
79	100		
108	20.4	55.7	83.5#
77	105.8	52.6	79.0#



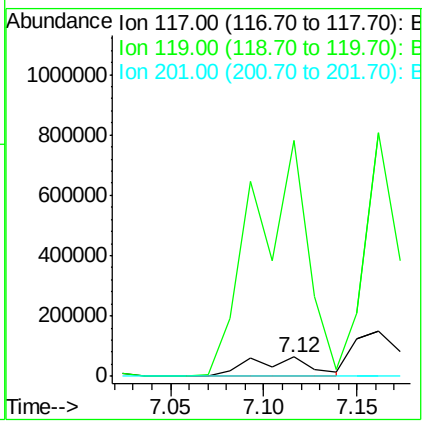


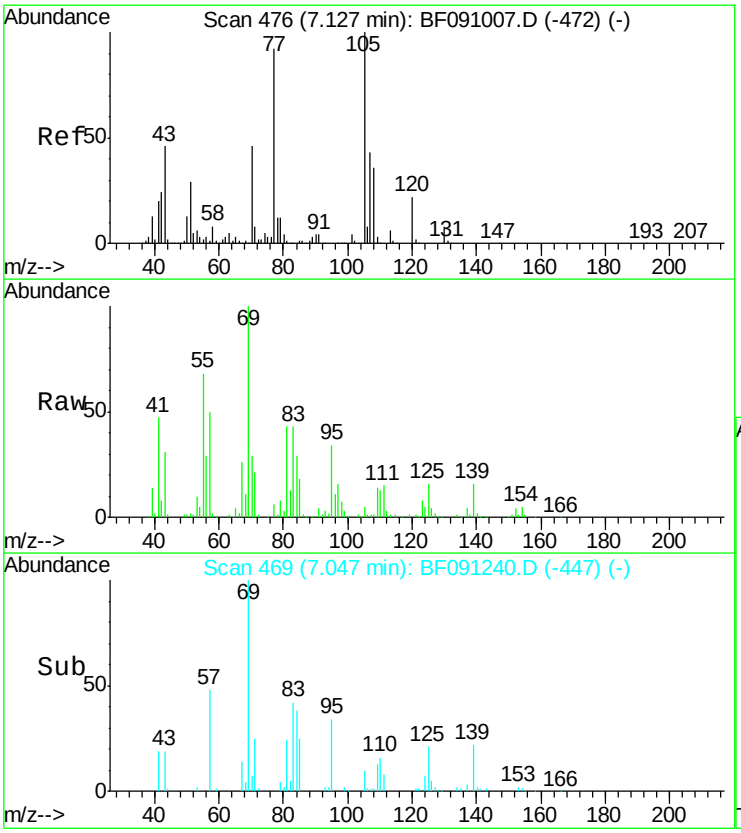
#18
Hexachloroethane
Concen: 28.14 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:117 Resp: 145572

Ion	Ratio	Lower	Upper
117	100		
119	1217.1	76.6	115.0#
201	0.0	77.1	115.7#

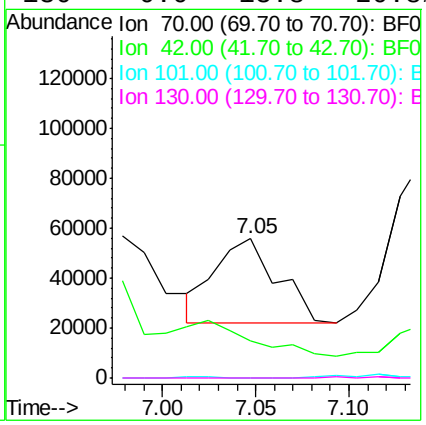


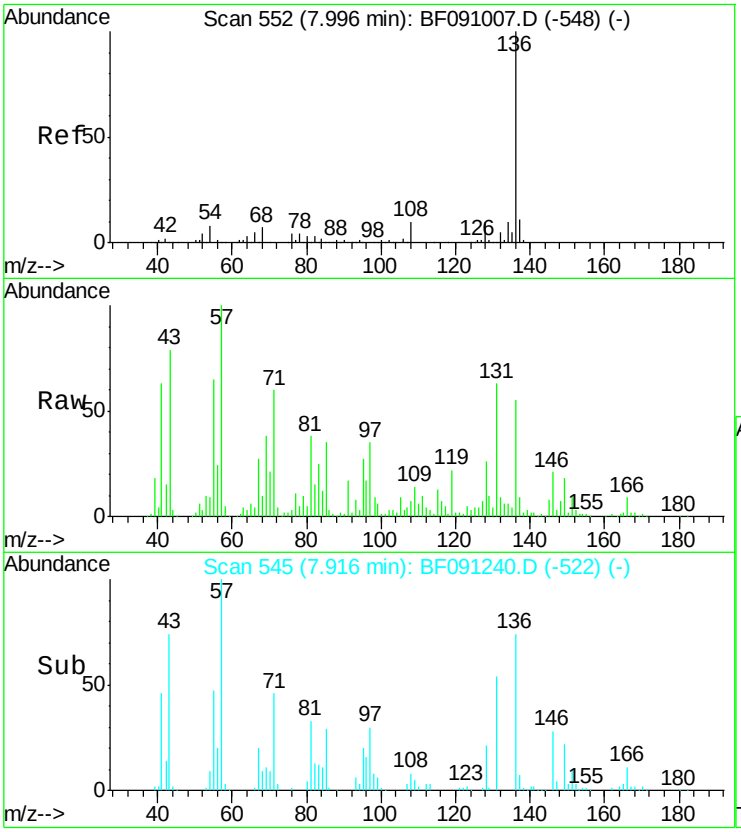


#19
n-Nitroso-di-n-propylamine
Concen: 8.07 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion: 70 Resp: 78435

Ion	Ratio	Lower	Upper
70	100		
42	27.1	41.7	62.5#
101	0.0	6.7	10.1#
130	0.0	13.8	20.8#



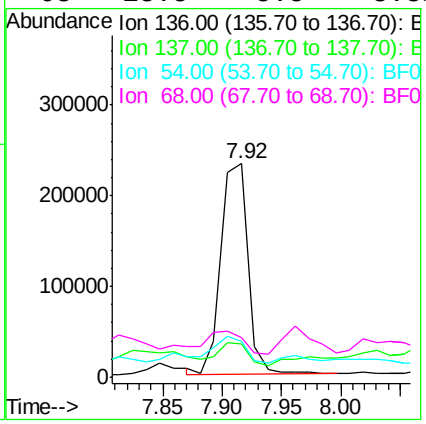


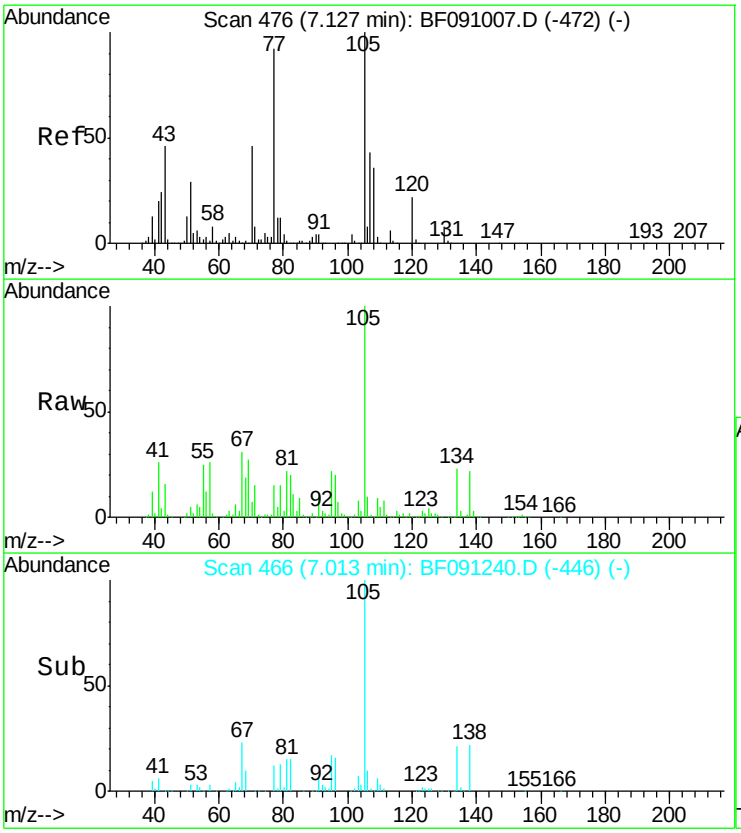
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:136 Resp: 364837

Ion	Ratio	Lower	Upper
136	100		
137	15.7	8.9	13.3#
54	16.6	6.2	9.2#
68	18.5	5.5	8.3#

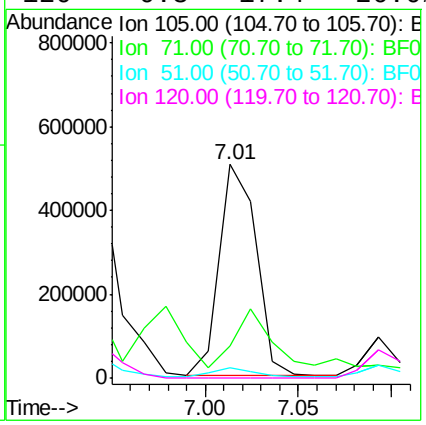


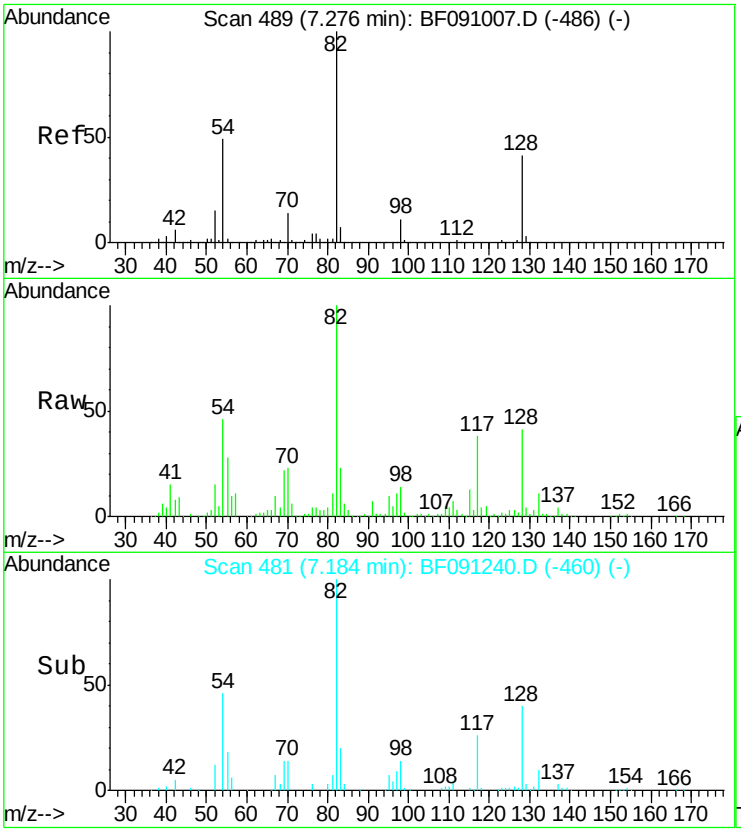


#22
Acetophenone
Concen: 82.97 ng
RT: 7.01 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:105 Resp: 696983

Ion	Ratio	Lower	Upper
105	100		
71	15.2	6.2	9.2#
51	4.6	23.3	34.9#
120	0.3	17.4	26.0#



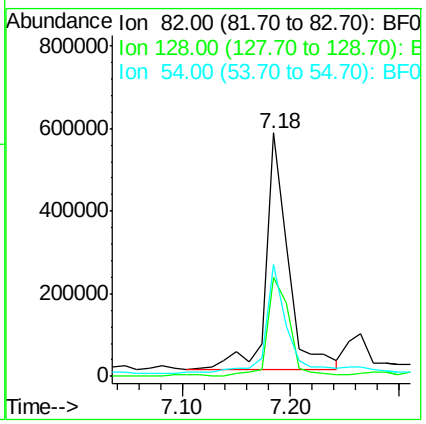


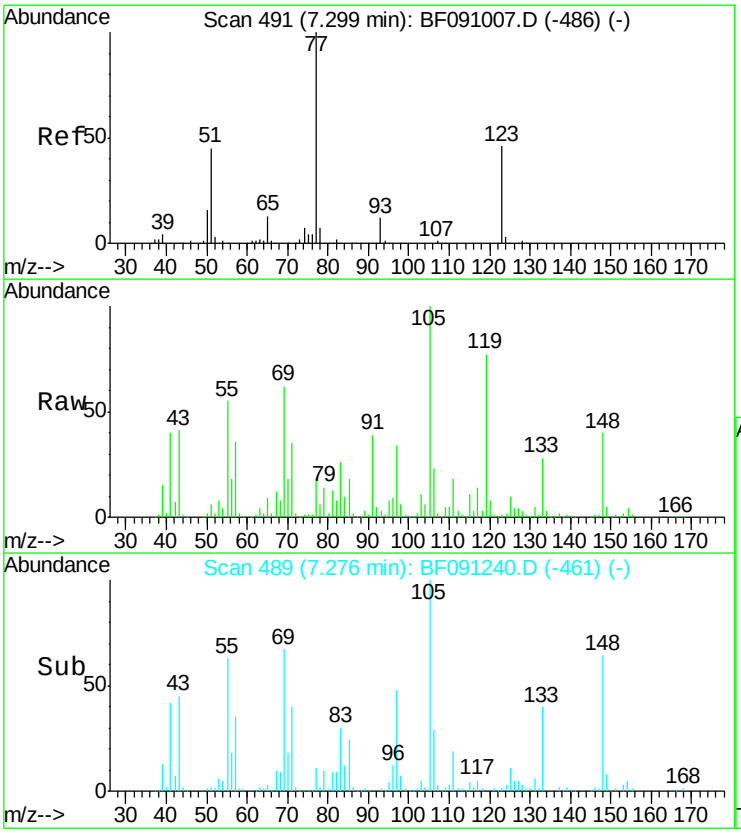
#23
Nitrobenzene-d5
Concen: 120.59 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion: 82 Resp: 806479

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.4	48.6
54	45.8	39.2	58.8

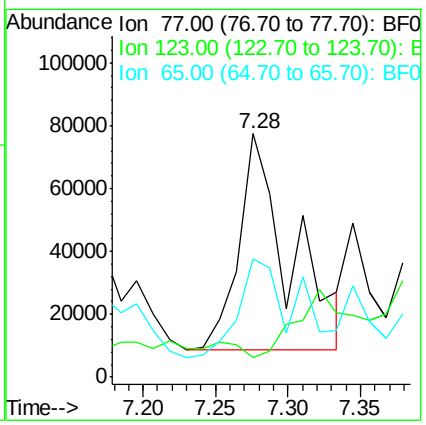


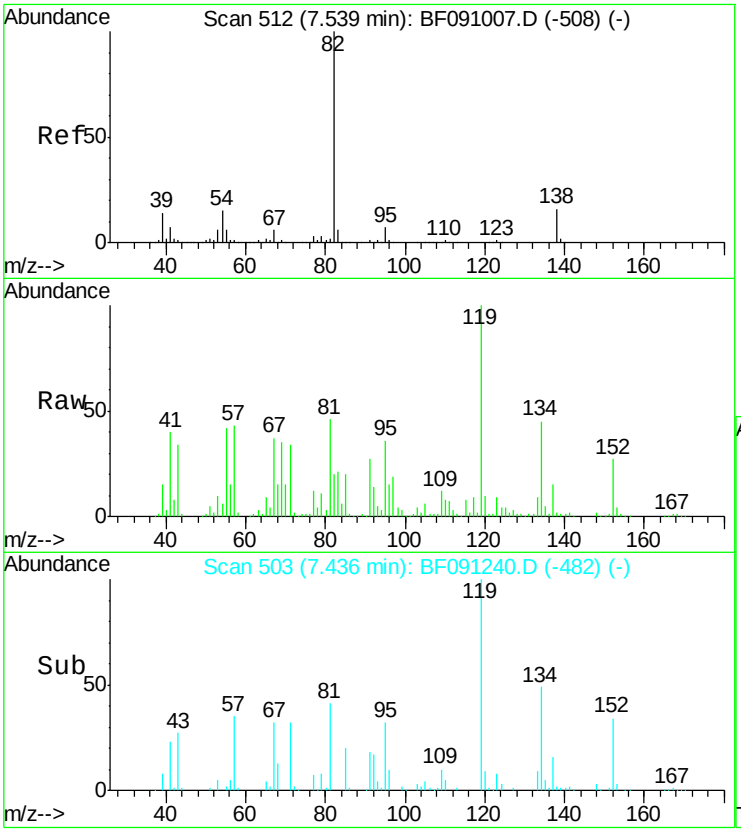


#24
Nitrobenzene
Concen: 22.62 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion: 77 Resp: 167105

Ion	Ratio	Lower	Upper
77	100		
123	7.9	36.5	54.7#
65	48.4	10.7	16.1#



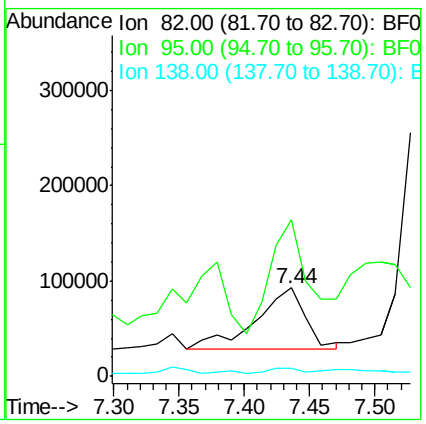


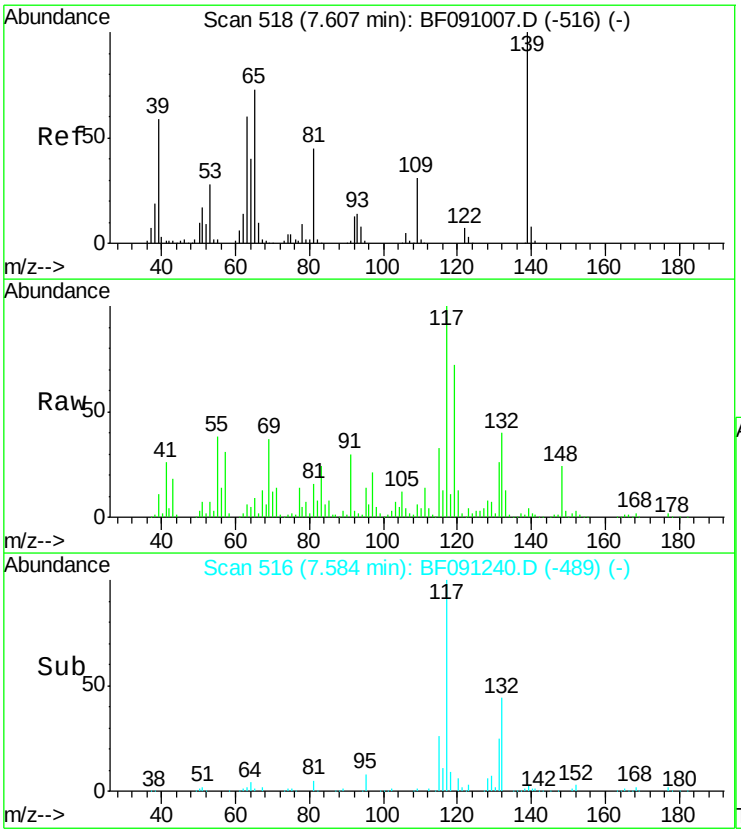
#25
Isophorone
Concen: 13.60 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion: 82 Resp: 175208

Ion	Ratio	Lower	Upper
82	100		
95	177.6	5.4	8.0#
138	9.7	13.0	19.4#

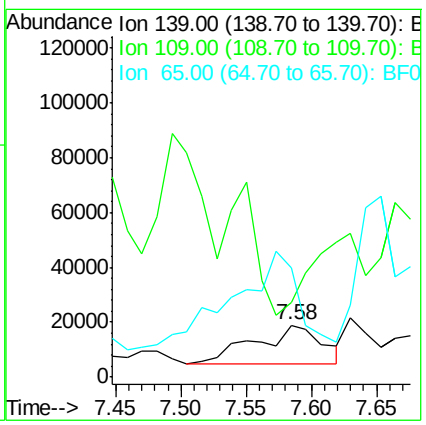


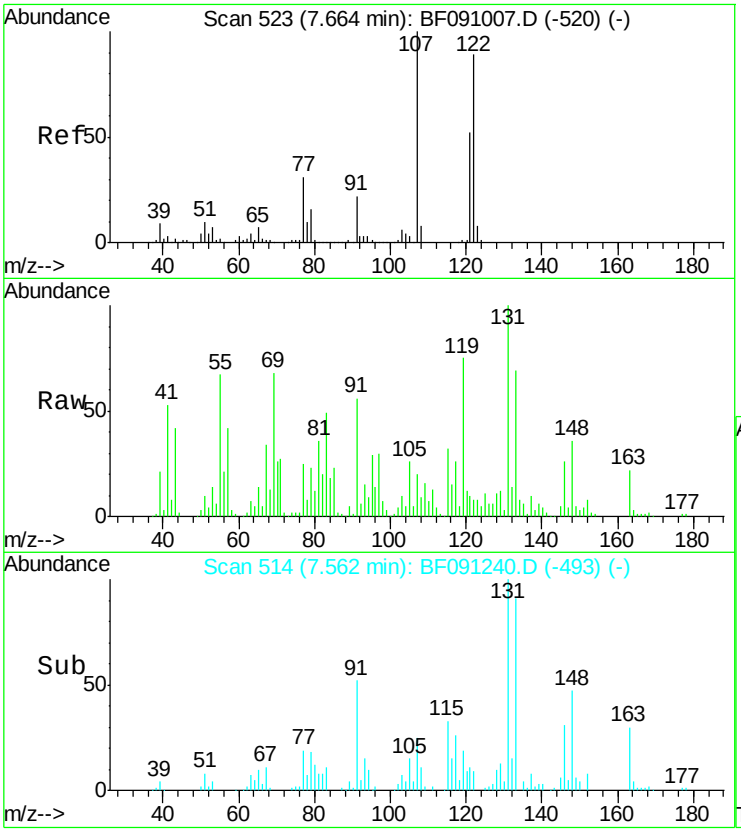


#26
2-Nitrophenol
Concen: 16.79 ng
RT: 7.58 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:139 Resp: 52488

Ion	Ratio	Lower	Upper
139	100		
109	144.6	24.7	37.1#
65	210.1	58.3	87.5#



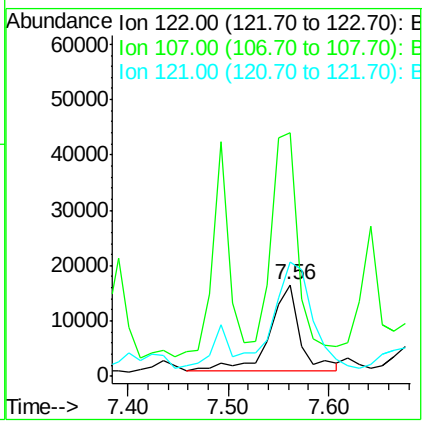


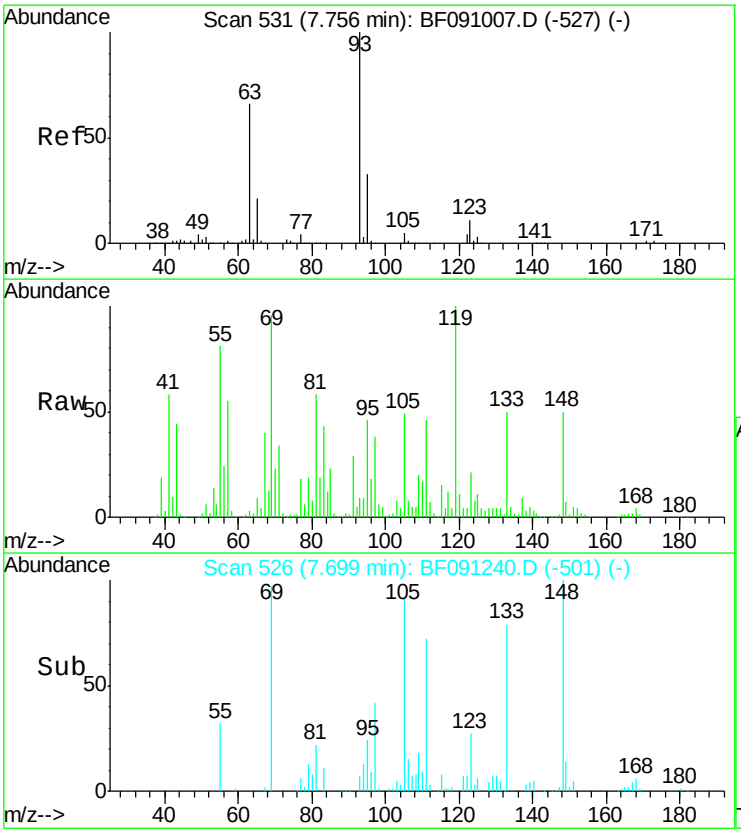
#27
2,4-Dimethylphenol
Concen: 6.30 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:122 Resp: 32588

Ion	Ratio	Lower	Upper
122	100		
107	266.1	89.6	134.4#
121	125.5	46.3	69.5#

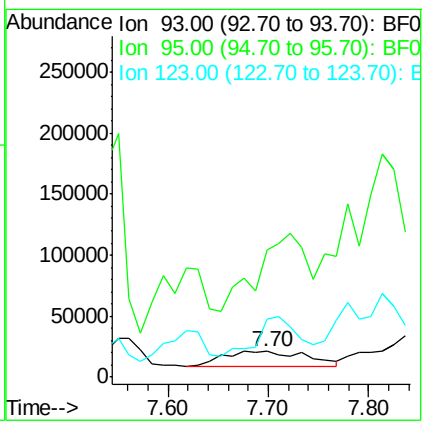


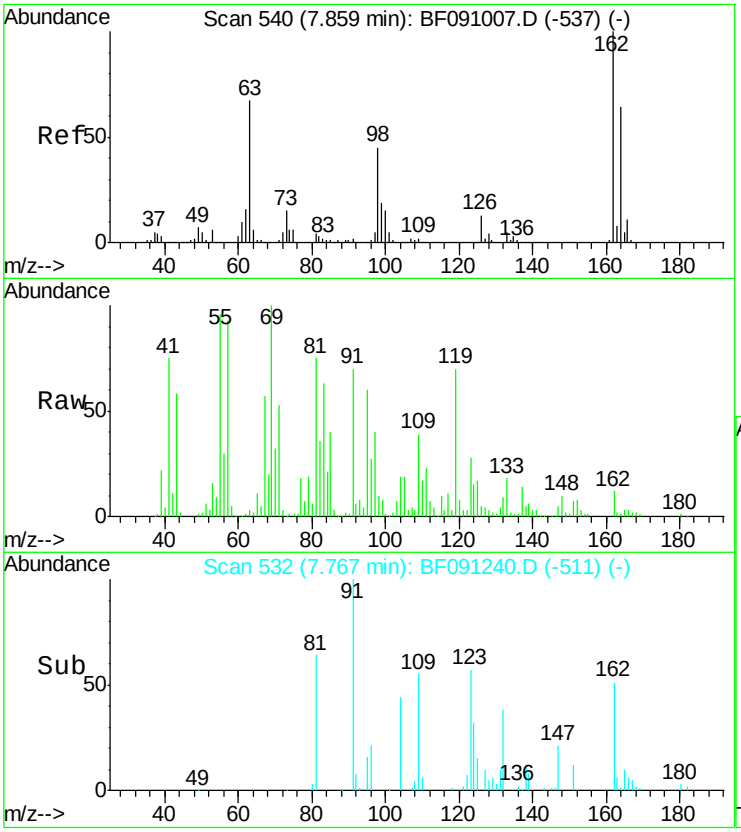


#28
bis(2-Chloroethoxy)methane
Concen: 9.94 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion: 93 Resp: 69998

Ion	Ratio	Lower	Upper
93	100		
95	501.5	26.3	39.5#
123	225.6	8.7	13.1#



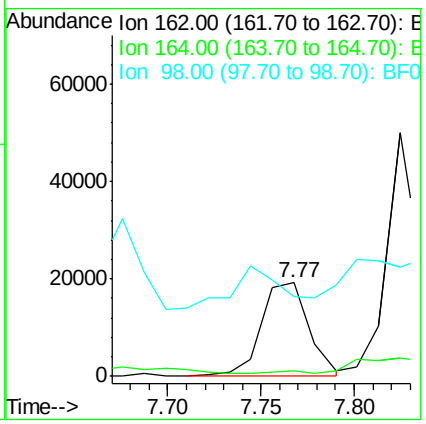


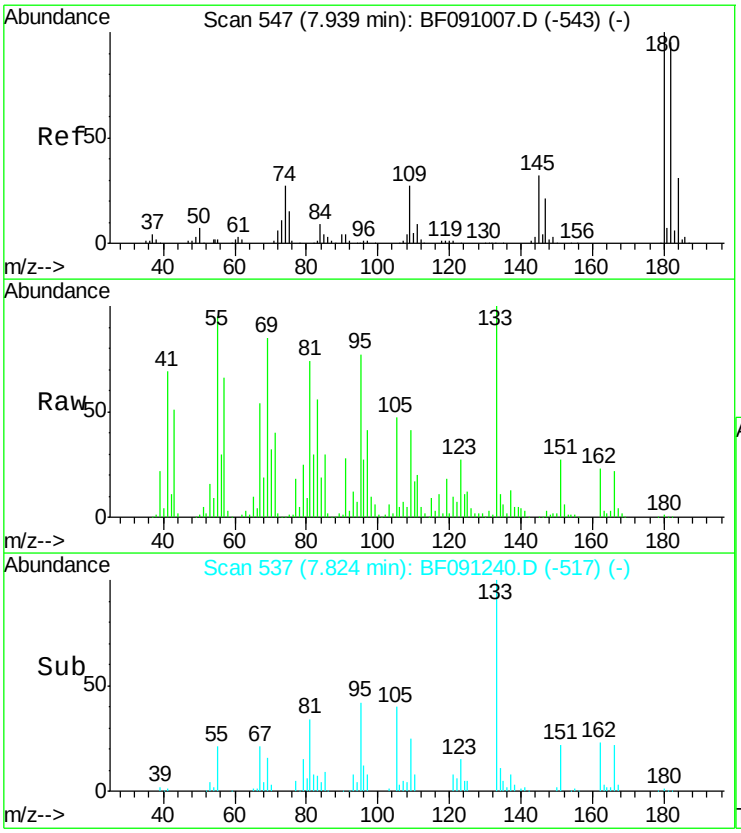
#29
2,4-Dichlorophenol
Concen: 7.55 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:162 Resp: 34050

Ion	Ratio	Lower	Upper
162	100		
164	6.4	44.4	84.4#
98	84.9	25.2	65.2#

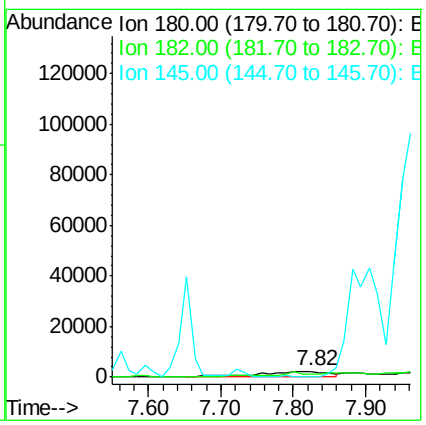


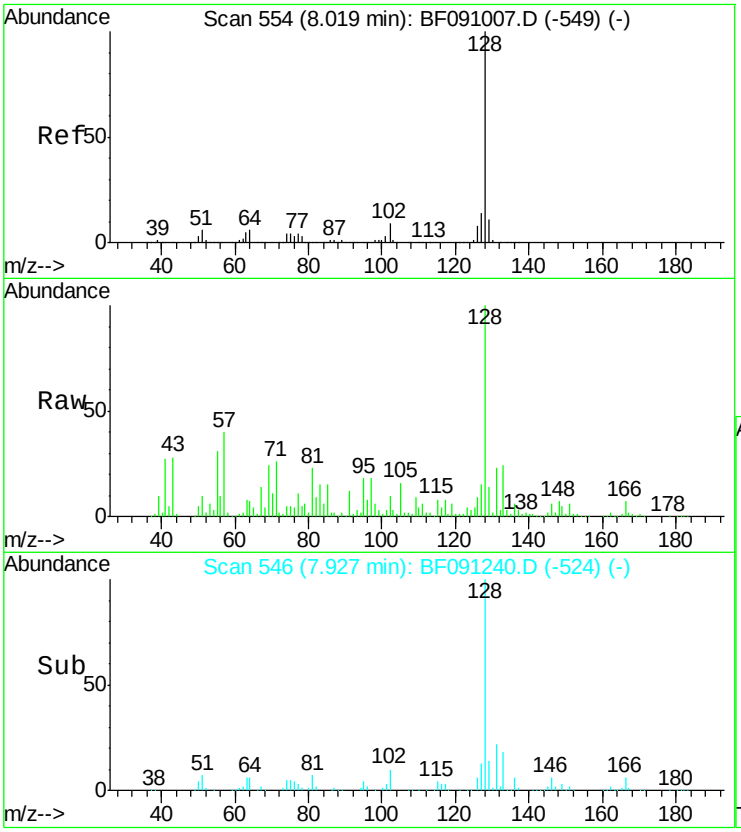


#30
1,2,4-Trichlorobenzene
Concen: 3.09 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:180 Resp: 15658

Ion	Ratio	Lower	Upper
180	100		
182	41.3	76.0	114.0#
145	16.2	25.8	38.8#



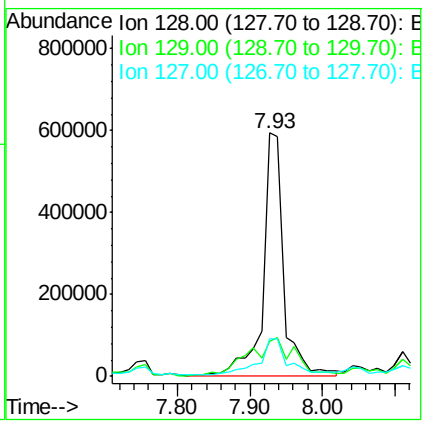


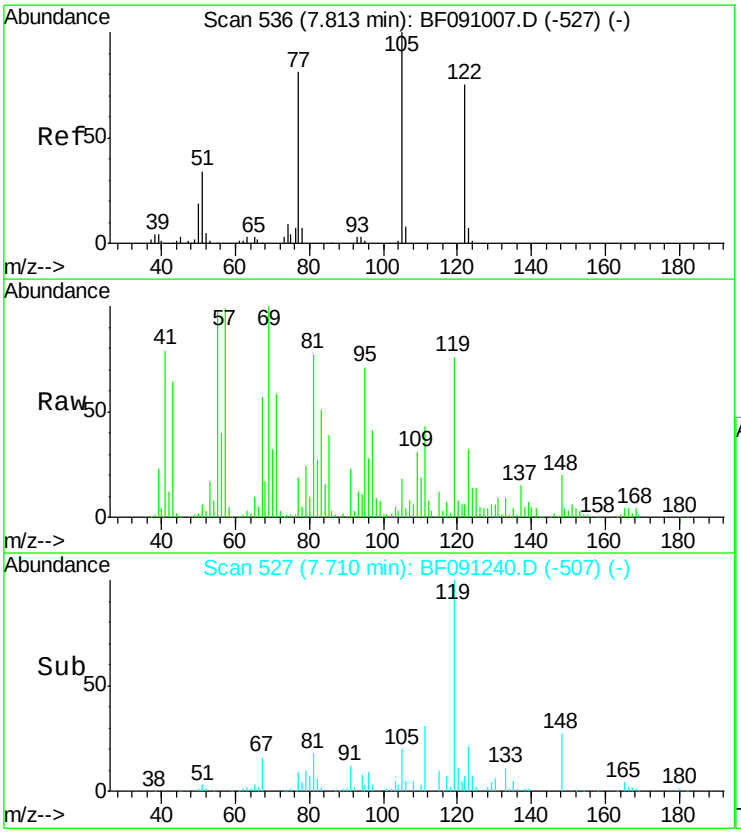
#31
Naphthalene
Concen: 67.99 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:128 Resp: 1186220

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.0	13.6#
127	15.2	10.9	16.3

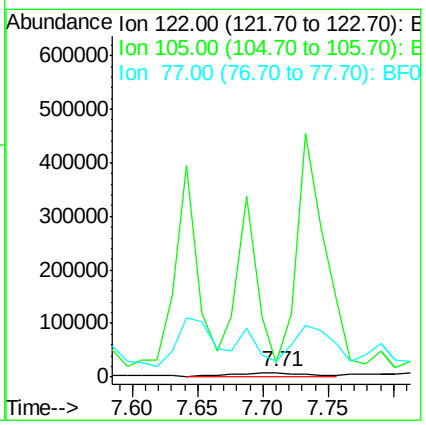


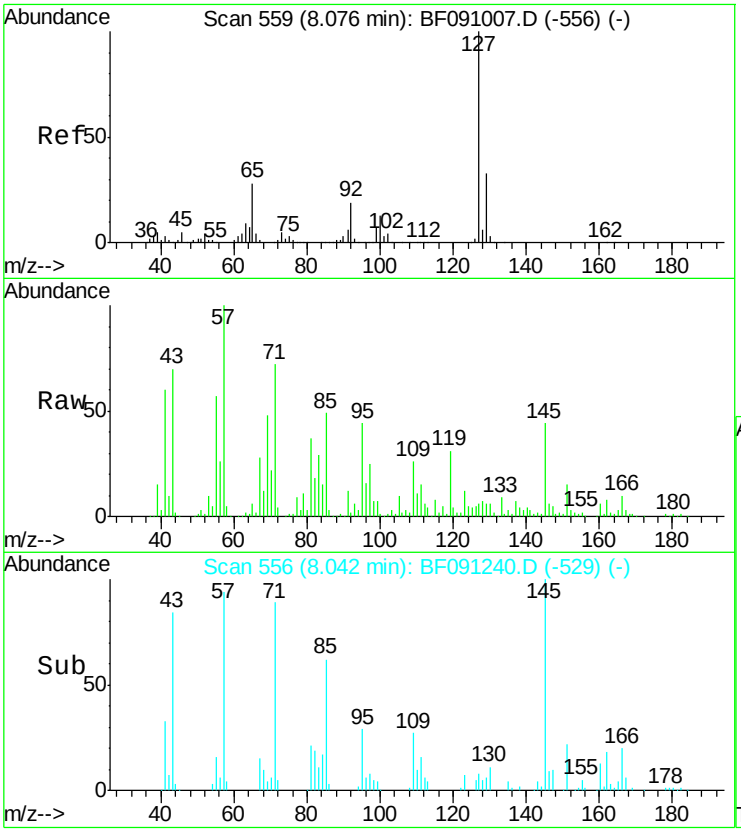


#32
Benzoic acid
Concen: 10.24 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.07 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:122 Resp: 23300

Ion	Ratio	Lower	Upper
122	100		
105	303.1	105.9	145.9#
77	327.7	84.0	124.0#



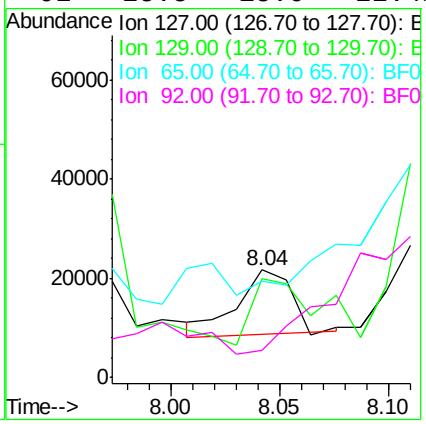


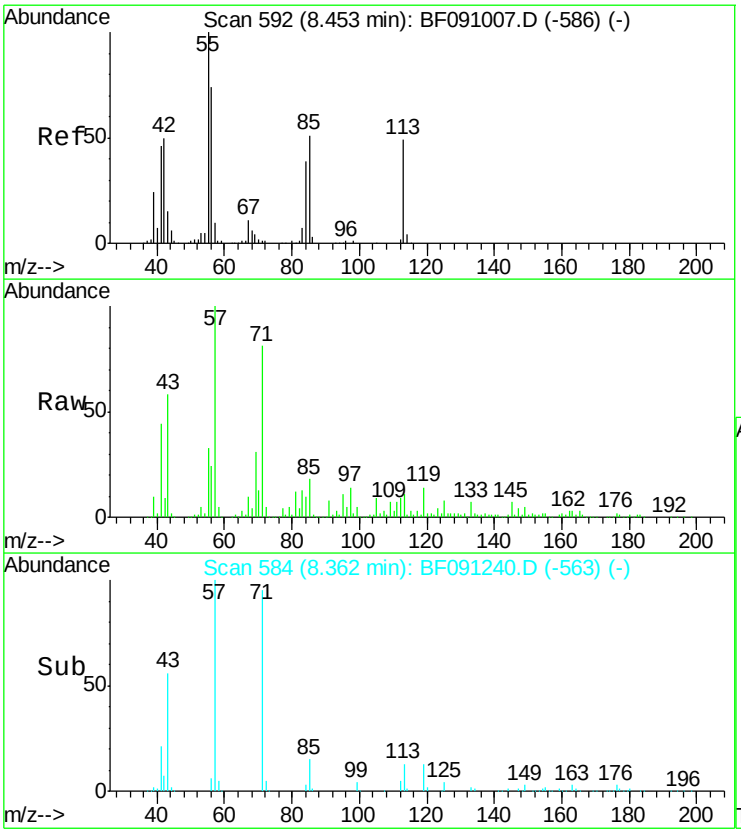
#33
4-Chloroaniline
Concen: 3.10 ng
RT: 8.04 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:127 Resp: 22464

Ion	Ratio	Lower	Upper
127	100		
129	91.9	26.6	39.8#
65	89.3	22.2	33.2#
92	25.5	15.0	22.4#

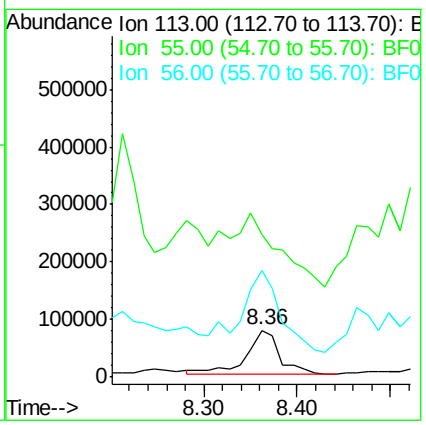


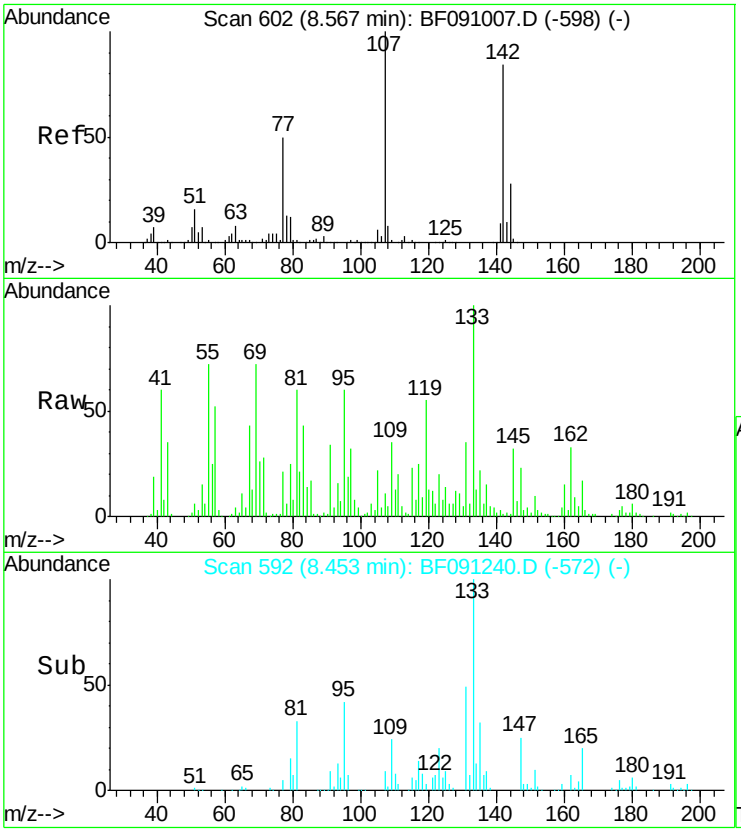


#35
Caprolactam
Concen: 130.47 ng
RT: 8.36 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:113 Resp: 184932

Ion	Ratio	Lower	Upper
113	100		
55	304.7	184.1	224.1#
56	227.6	132.0	172.0#



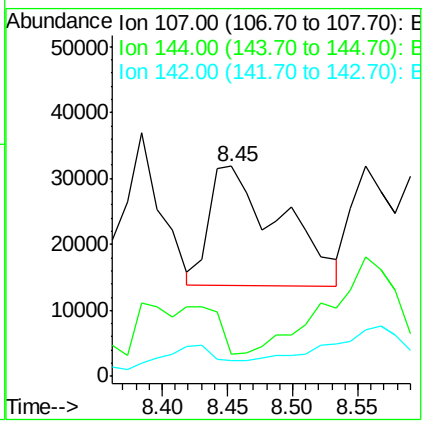


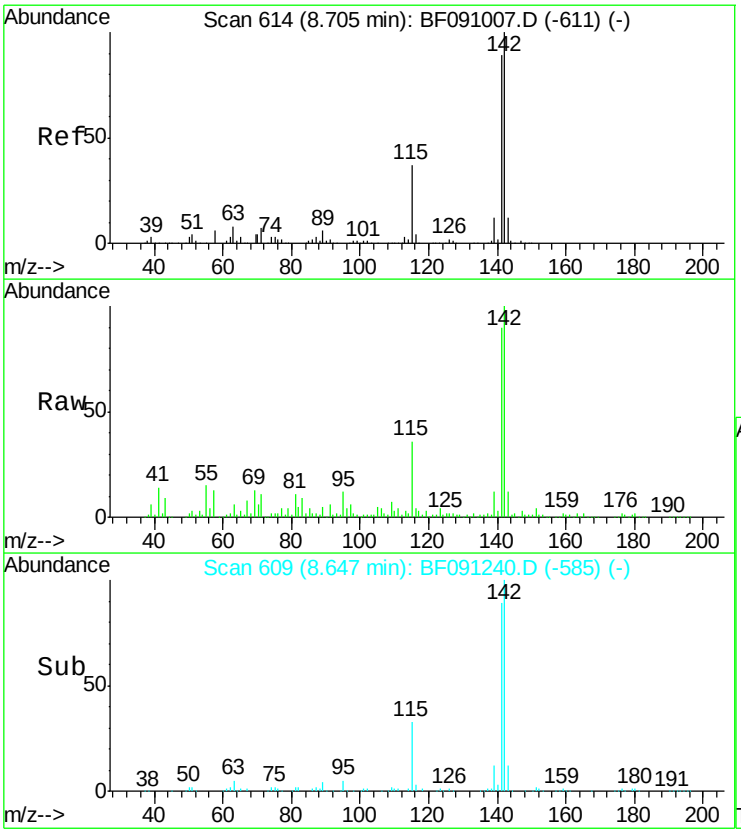
#36
4-Chloro-3-methylphenol
Concen: 12.59 ng
RT: 8.45 min Scan# 592
Delta R.T. -0.07 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:107 Resp: 68743

Ion	Ratio	Lower	Upper
107	100		
144	10.6	22.5	33.7#
142	7.3	67.4	101.2#

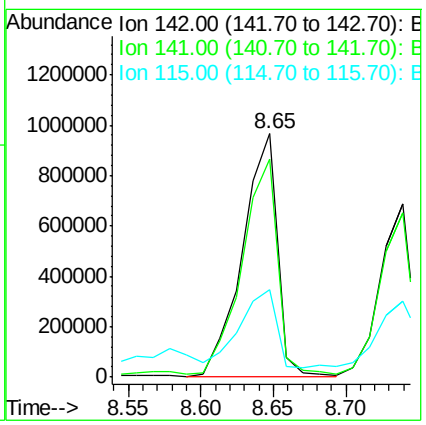


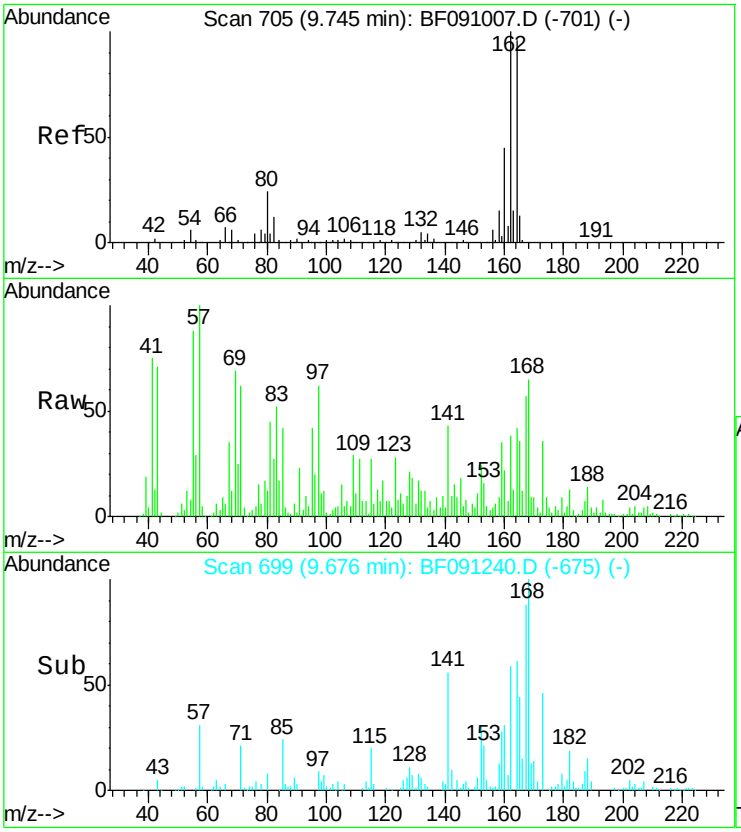


#37
2-Methylnaphthalene
Concen: 142.59 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:142 Resp: 1599336

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	35.7	29.9	44.9



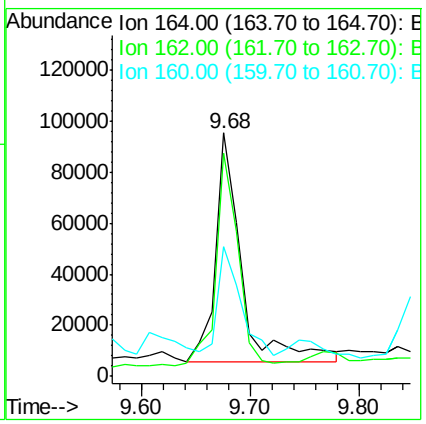


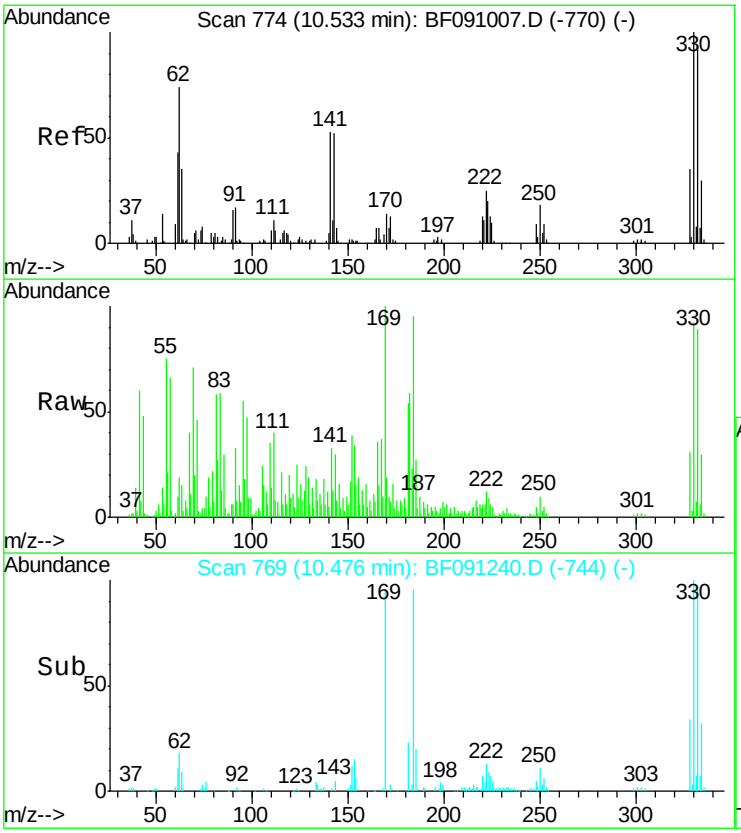
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:164 Resp: 147626

Ion	Ratio	Lower	Upper
164	100		
162	91.6	83.6	125.4
160	53.0	37.9	56.9

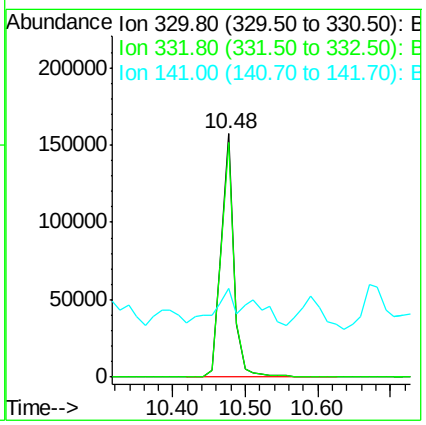


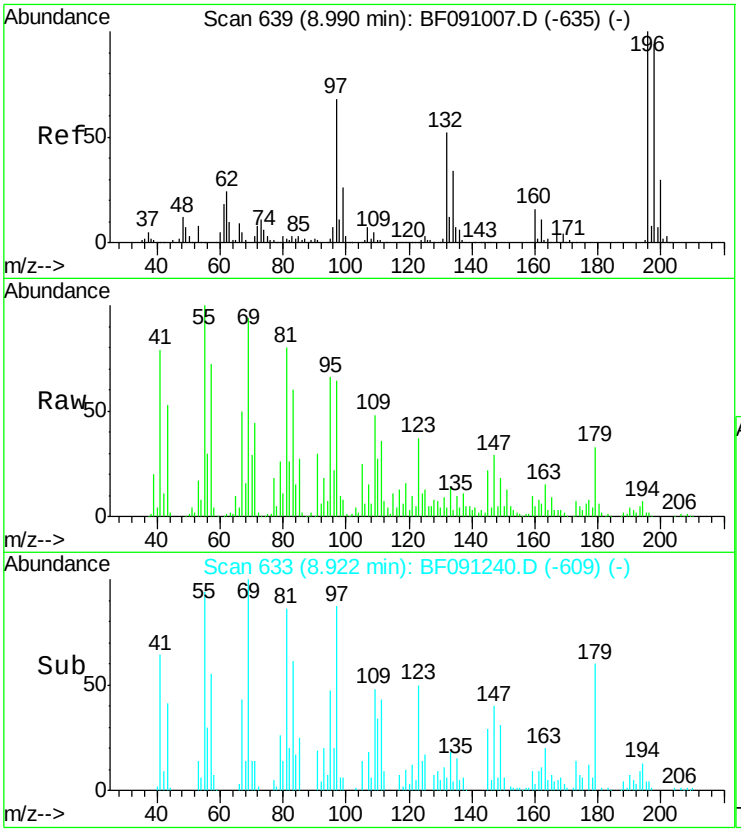


#41
2,4,6-Tribromophenol
Concen: 144.72 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:330 Resp: 193143

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.9	113.9
141	23.3	36.1	54.1#



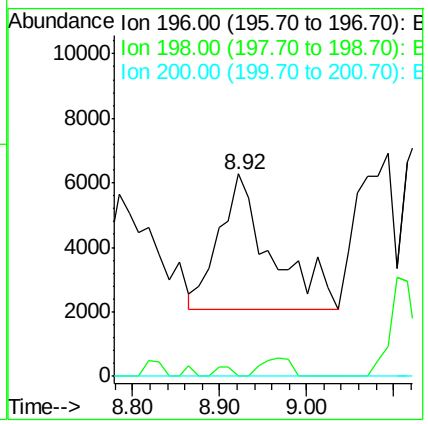


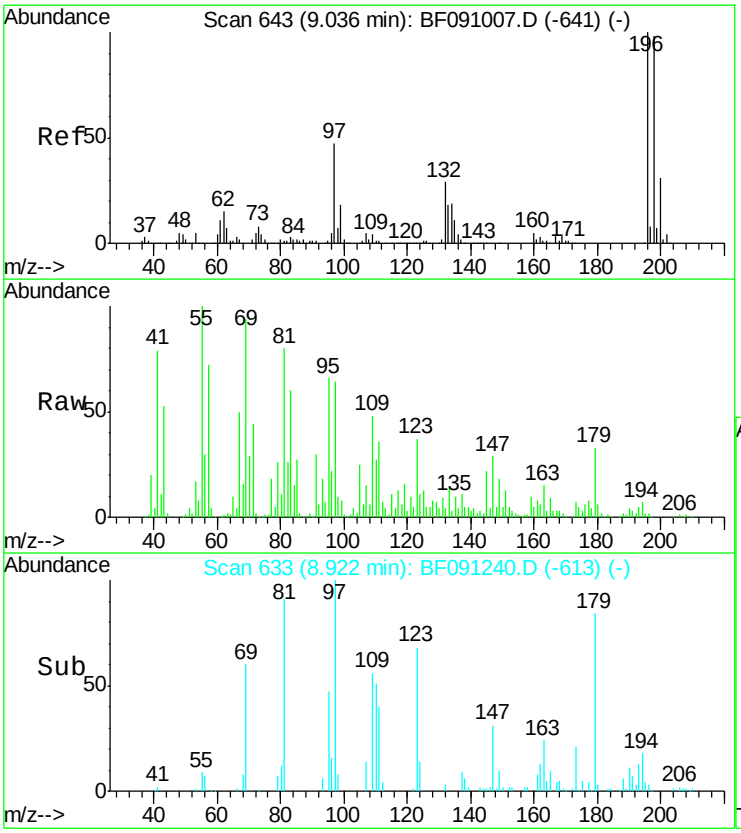
#42
2,4,6-Trichlorophenol
Concen: 7.17 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:196 Resp: 17430

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.4	113.0#
200	0.0	24.1	36.1#

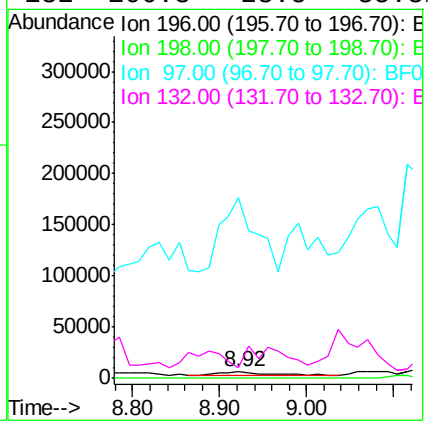


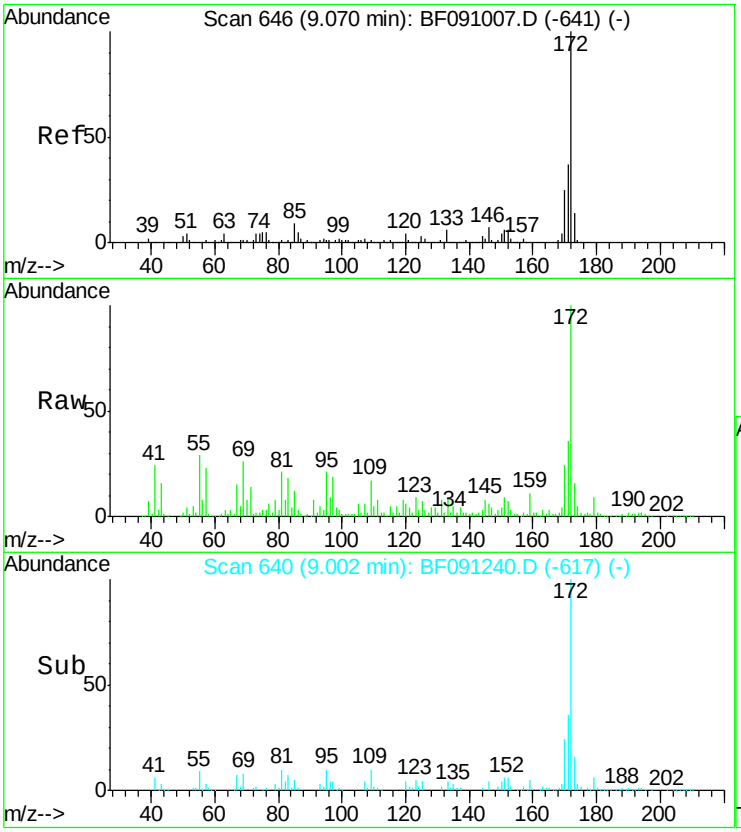


#43
2,4,5-Trichlorophenol
Concen: 6.83 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.07 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:196 Resp: 17430

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.4#
97	2812.6	38.8	58.2#
132	166.3	23.5	35.3#



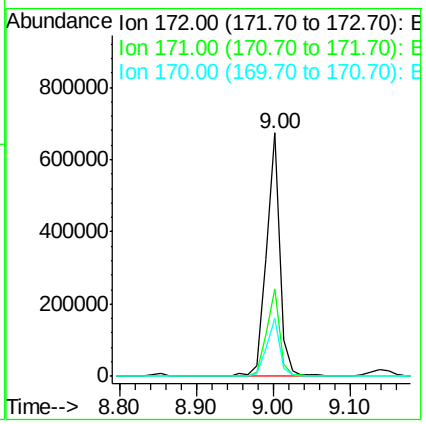


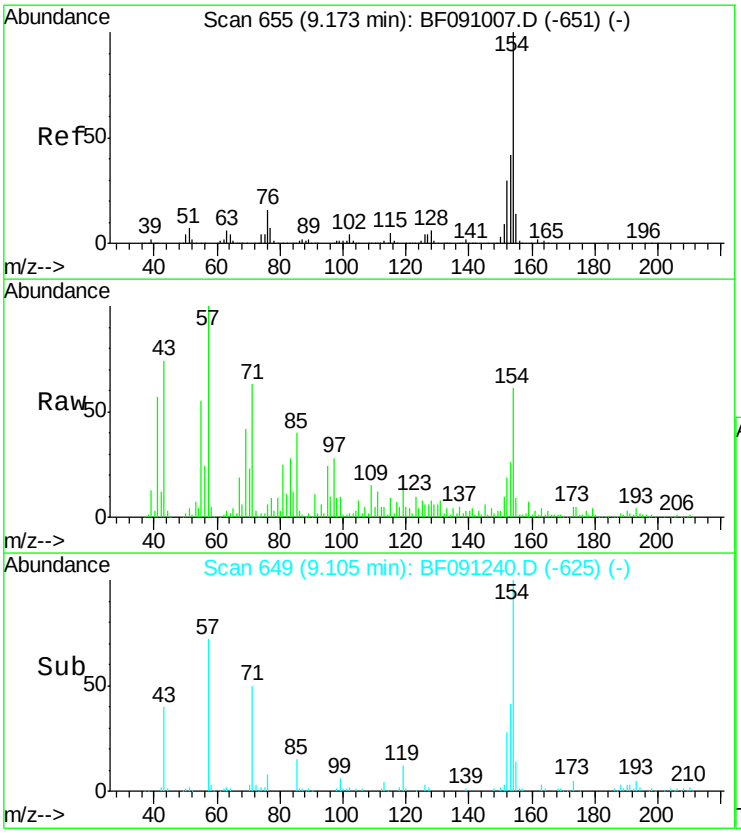
#44
2-Fluorobiphenyl
Concen: 94.17 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:172 Resp: 807491

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	23.9	20.3	30.5





#45
1,1'-Biphenyl
Concen: 38.67 ng
RT: 9.10 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion:154 Resp: 416873

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.6	61.6
76	9.2	0.0	36.2