Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087760.D
Acq On : 6 Jun 2016 19:17
Operator : UM/SJ
Sample : H3341-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2RE

Quant Time: Jun 07 01:15:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103304	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	234154	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	187225	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	271523	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	230676	20.00	ng		-0.02
86) Perylene-d12	15.43	264	176683	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	714142	111.74	ng		0.00
7) Phenol-d6	6.50	99	899363	112.20	ng		0.01
23) Nitrobenzene-d5	7.43	82	501998	124.04	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	165336	87.97	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	754143	55.62	ng		-0.01
78) Terphenyl-d14	12.96	244	526159	55.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	97525	18.00	ng	#	1
10) Phenol	6.51	94	104604	11.46	ng		90
15) Benzyl Alcohol	7.02	79	20182	3.41	ng	#	43
17) 2-Methylphenol	7.13	107	74257	12.57	ng	#	58
18) Hexachloroethane	7.36	117	57272	20.73	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	40484	8.09	ng	#	39
20) 3+4-Methylphenols	7.28	107	91093	12.59	ng	#	25
22) Acetophenone	7.27	105	581201	109.59	ng	#	84
24) Nitrobenzene	7.44	77	11122	2.75	ng	#	61
25) Isophorone	7.68	82	43709	5.93	ng	#	1
26) 2-Nitrophenol	7.77	139	5832	3.10	ng	#	1
27) 2,4-Dimethylphenol	7.55	122	18265	4.68	ng		88
28) bis(2-Chloroethoxy)methane	7.92	93	38903	8.32	ng	#	1
29) 2,4-Dichlorophenol	8.00	162	10475	3.27	ng	#	11
31) Naphthalene	8.17	128	1486994	130.61	ng		99
32) Benzoic acid	7.94	122	60822	25.85	ng		84
33) 4-Chloroaniline	8.26	127	14320	2.90	ng	#	78
35) Caprolactam	8.57	113	41958	39.87	ng	#	1
36) 4-Chloro-3-methylphenol	8.71	107	15435	4.66	ng	#	33
37) 2-Methylnaphthalene	8.86	142	550297	73.20	ng	#	95
45) 1,1'-Biphenyl	9.31	154	78958	5.20	ng		97
46) 2-Chloronaphthalene	9.36	162	27226	2.25	ng	#	57
47) 2-Nitroaniline	9.42	65	7229	2.12	ng	#	37
49) Dimethylphthalate	9.61	163	85323	6.27	ng	#	93
53) 2,4-Dinitrophenol	10.17	184	731	4.37	ng	#	1
60) 4-Chlorophenyl-phenylether	10.42	204	492	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.68	198	514	2.34	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	10250	3.81	ng	#	1

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

Quantitation Report (Not Reviewed)

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Data File : BF087760.D
Acq On : 6 Jun 2016 19:17
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Sample : H3341-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 07 01:15:31 2016
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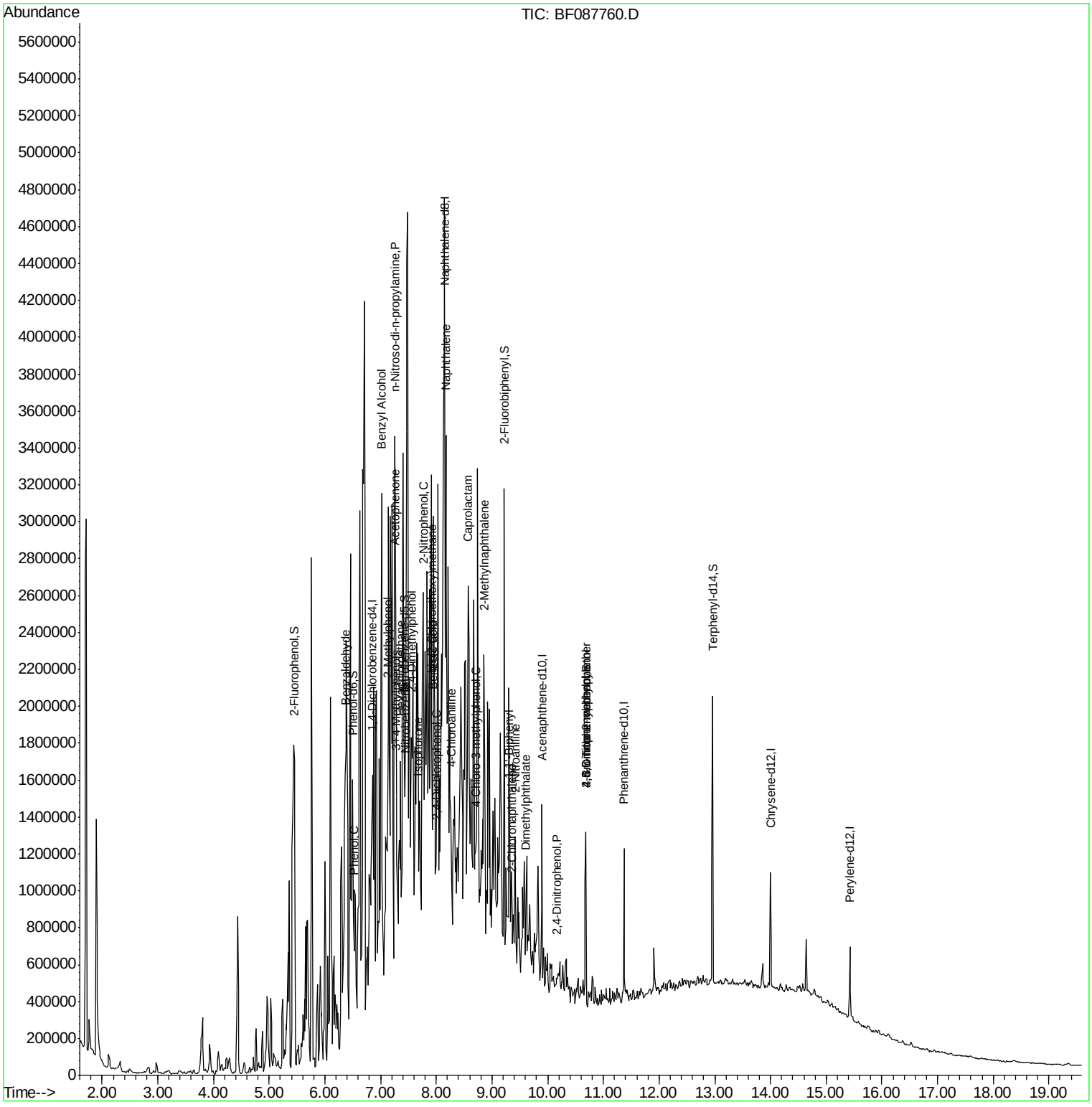
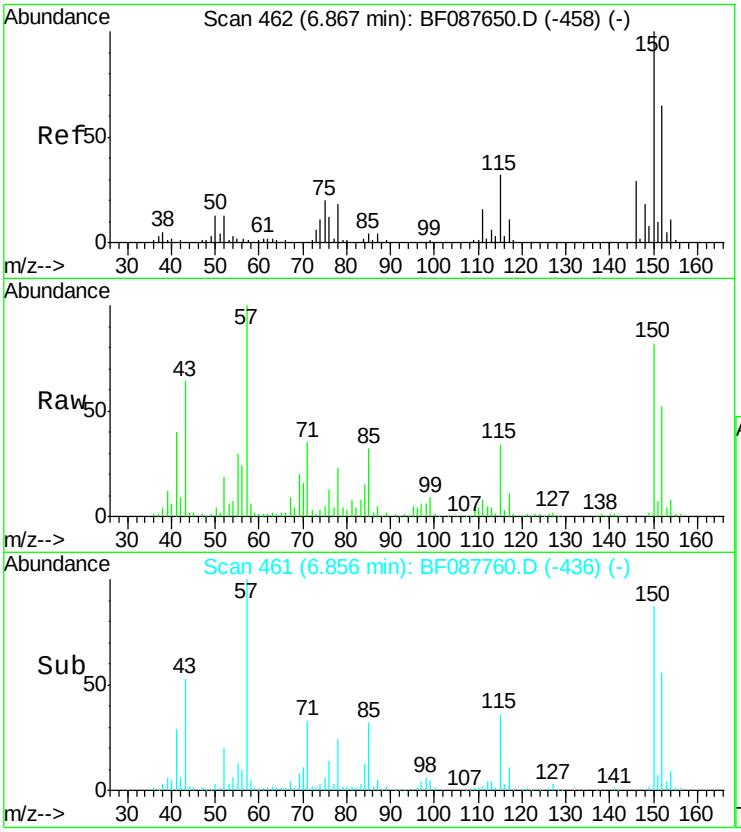


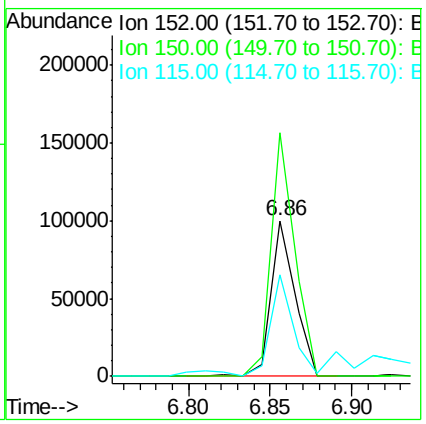


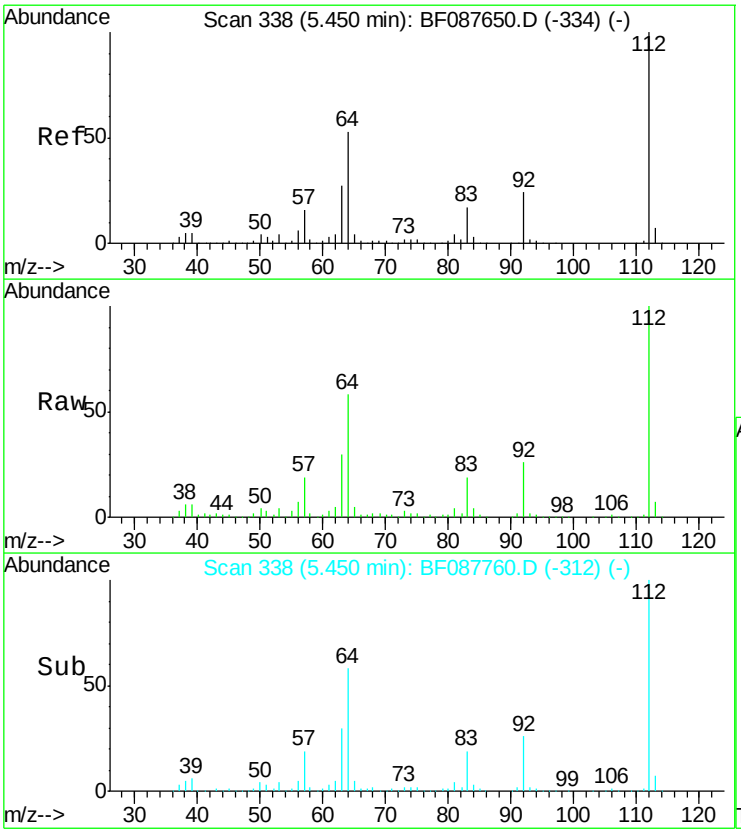
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:152 Resp: 103304

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	65.1	39.6	59.4#

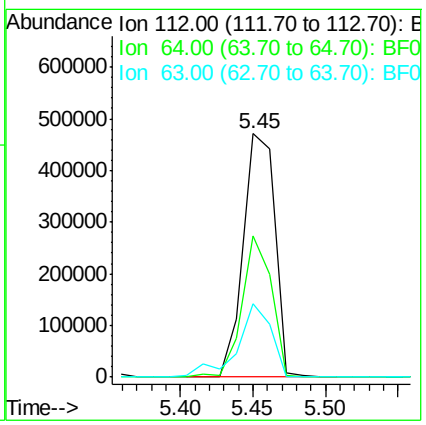


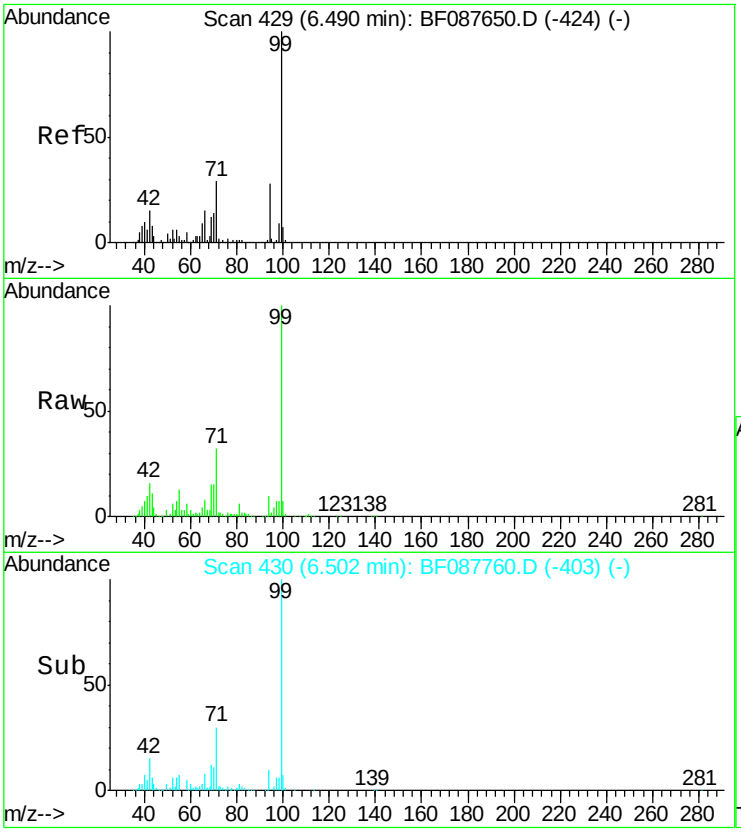


#5
2-Fluorophenol
Concen: 111.74 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:112 Resp: 714142

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	30.3	21.8	32.8



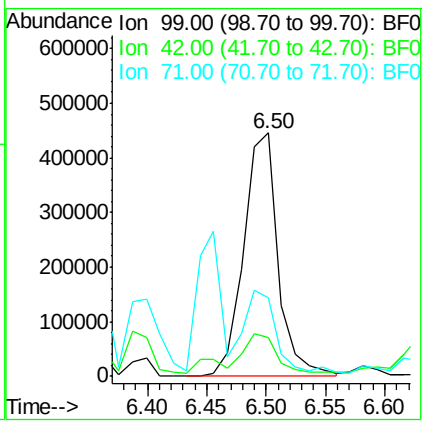


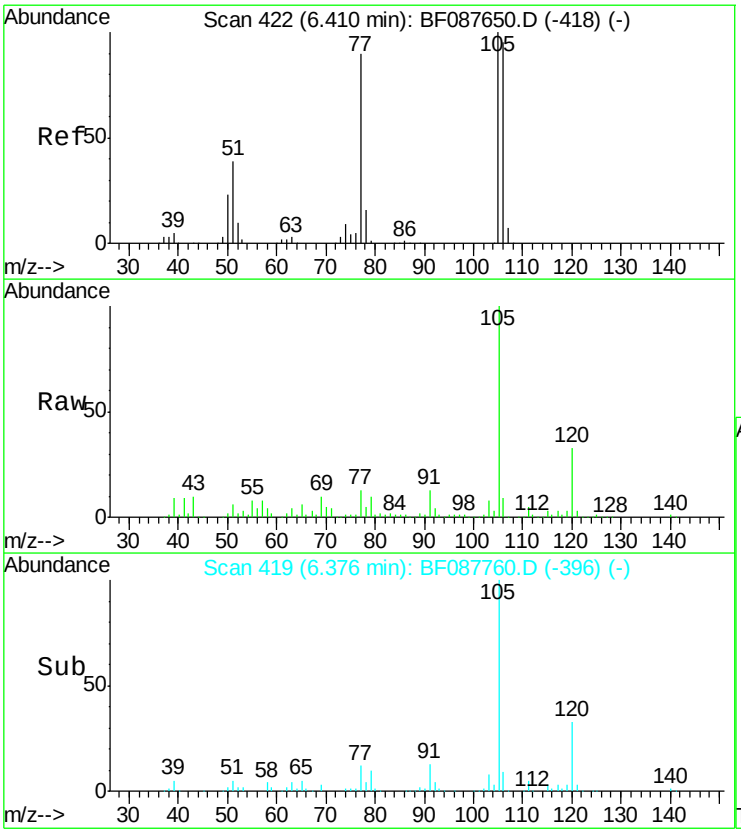
#7
Phenol-d6
Concen: 112.20 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 99 Resp: 899363

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	32.1	23.4	35.0

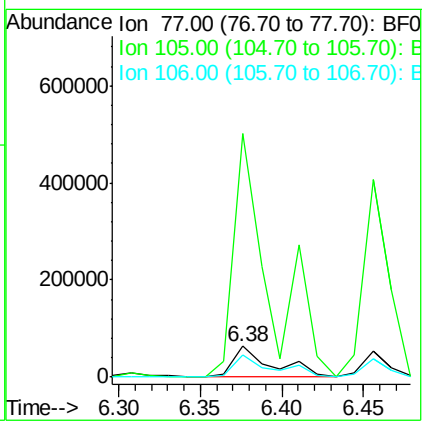


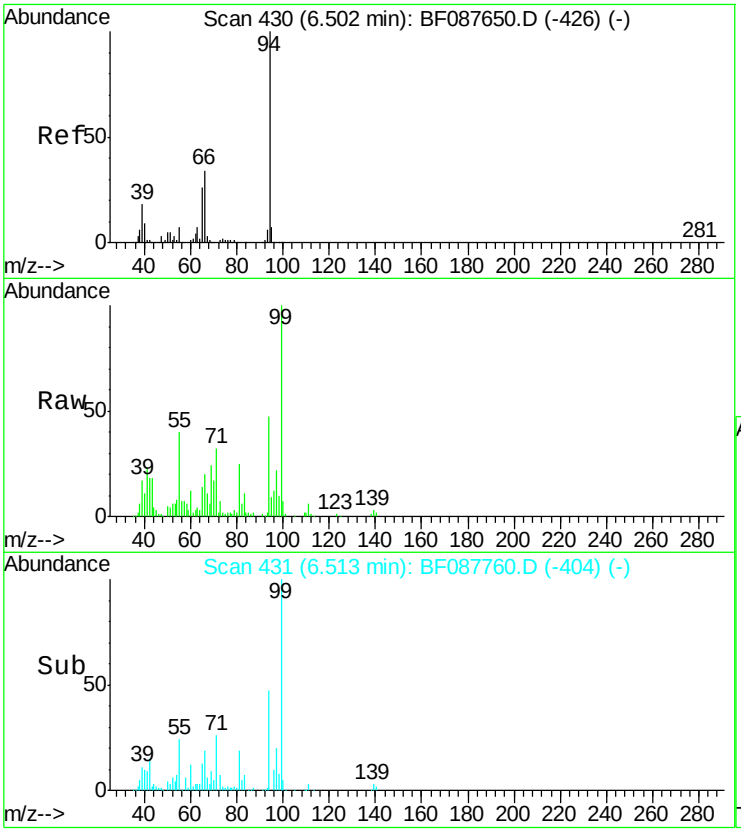


#9
Benzaldehyde
Concen: 18.00 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.03 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion: 77 Resp: 97525

Ion	Ratio	Lower	Upper
77	100		
105	784.1	90.6	130.6#
106	72.5	85.3	125.3#



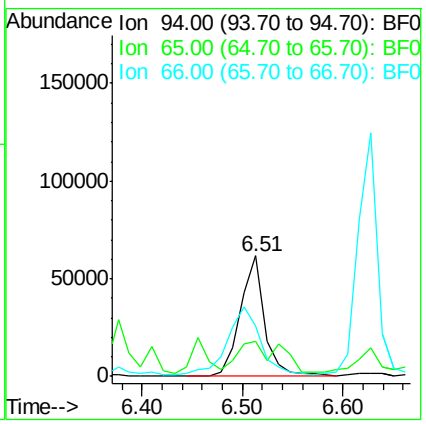


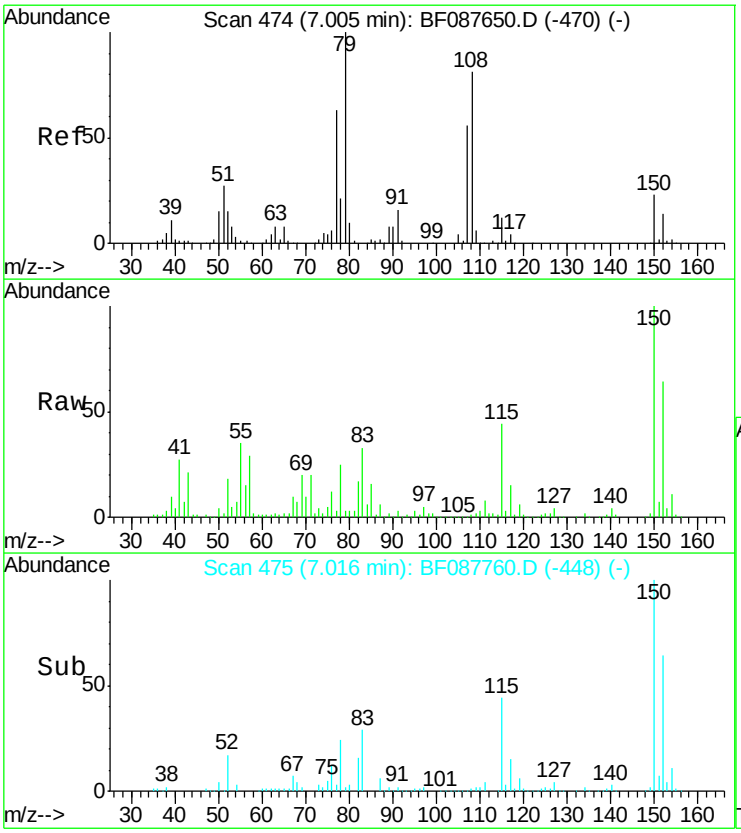
#10
Phenol
Concen: 11.46 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 94 Resp: 104604

Ion	Ratio	Lower	Upper
94	100		
65	28.7	5.9	45.9
66	41.5	14.0	54.0

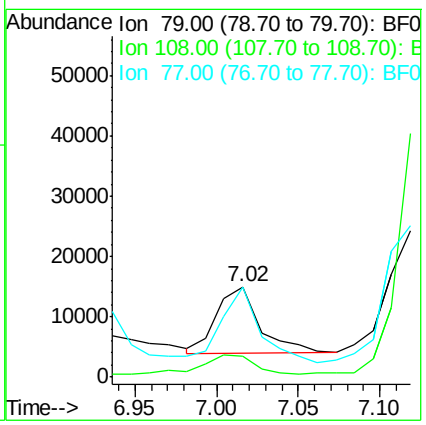


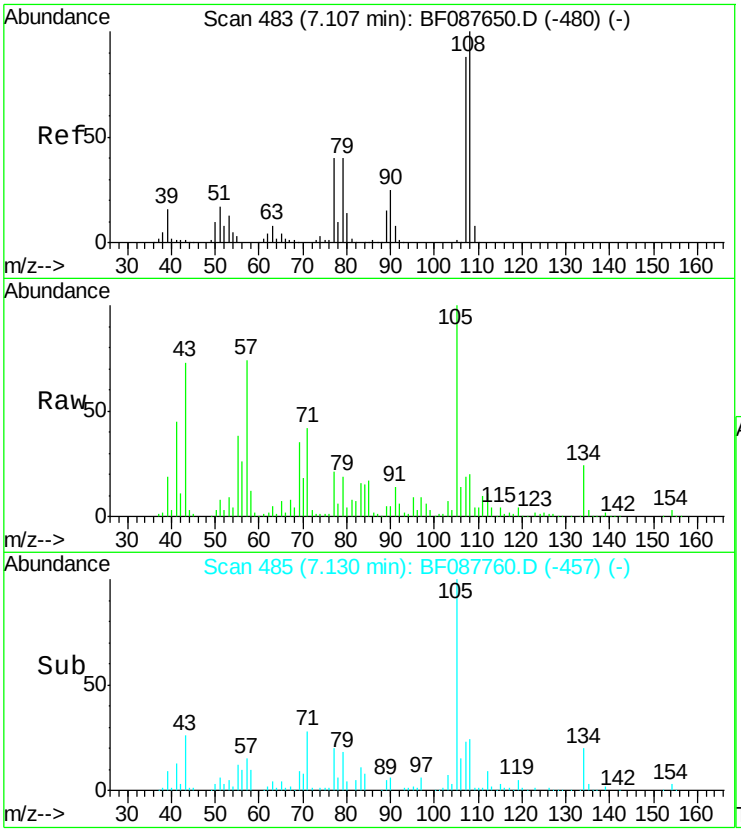


#15
Benzyl Alcohol
Concen: 3.41 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion: 79 Resp: 20182

Ion	Ratio	Lower	Upper
79	100		
108	23.8	65.0	97.6#
77	100.4	50.3	75.5#



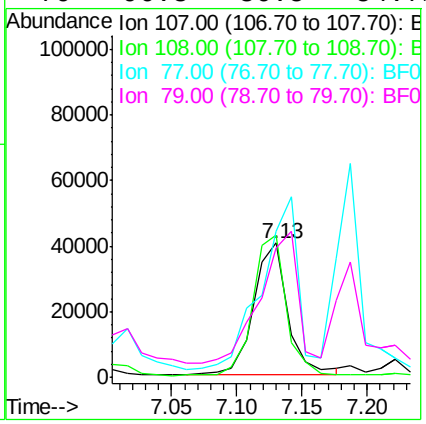


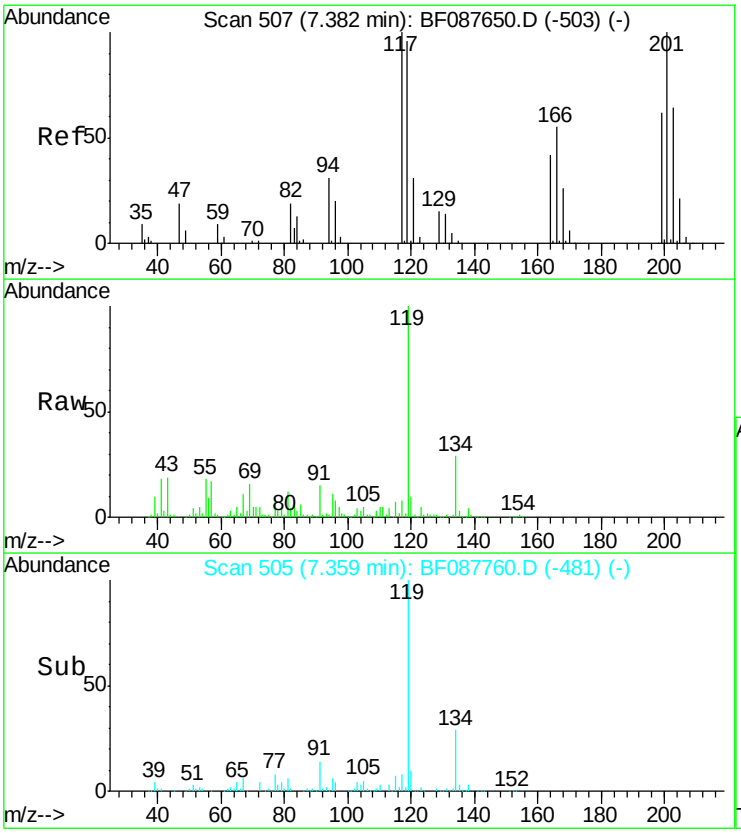
#17
2-Methylphenol
Concen: 12.57 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:107 Resp: 74257

Ion	Ratio	Lower	Upper
107	100		
108	105.8	90.9	136.3
77	108.3	36.6	55.0#
79	96.3	36.5	54.7#

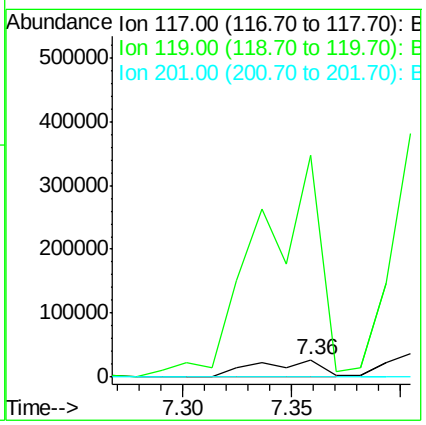


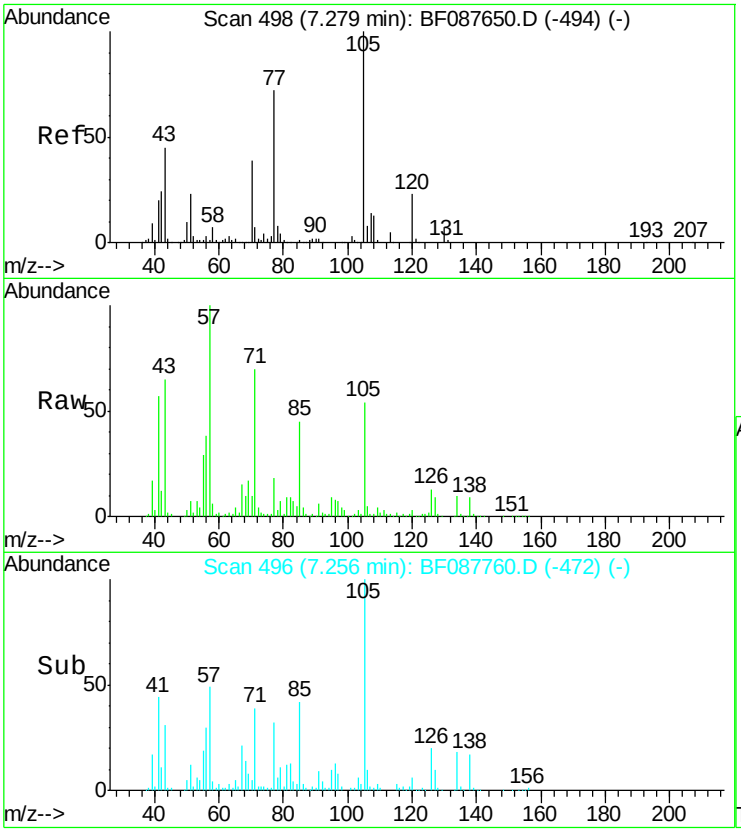


#18
Hexachloroethane
Concen: 20.73 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:117 Resp: 57272

Ion	Ratio	Lower	Upper
117	100		
119	1256.5	77.4	116.2#
201	0.0	80.4	120.6#



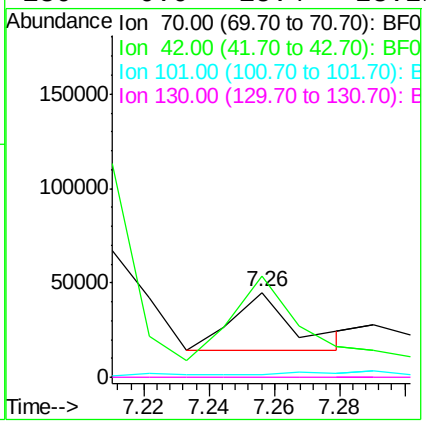


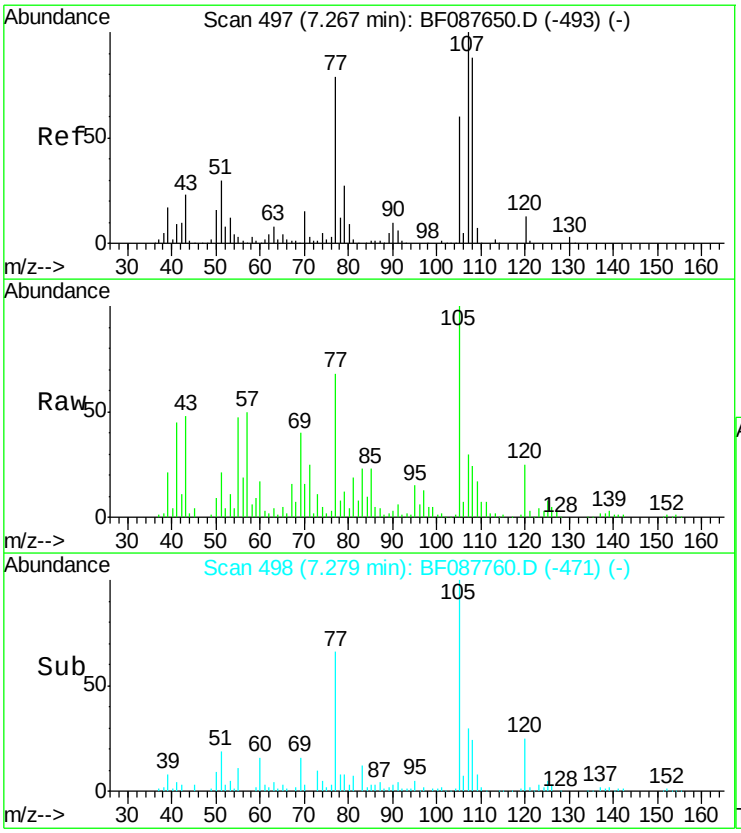
#19
n-Nitroso-di-n-propylamine
Concen: 8.09 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 70 Resp: 40484

Ion	Ratio	Lower	Upper
70	100		
42	118.7	49.6	74.4#
101	3.4	7.1	10.7#
130	0.0	15.4	23.2#

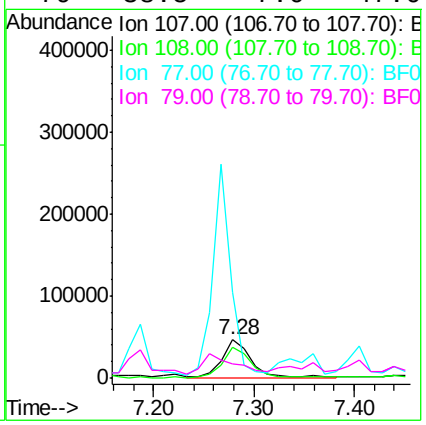


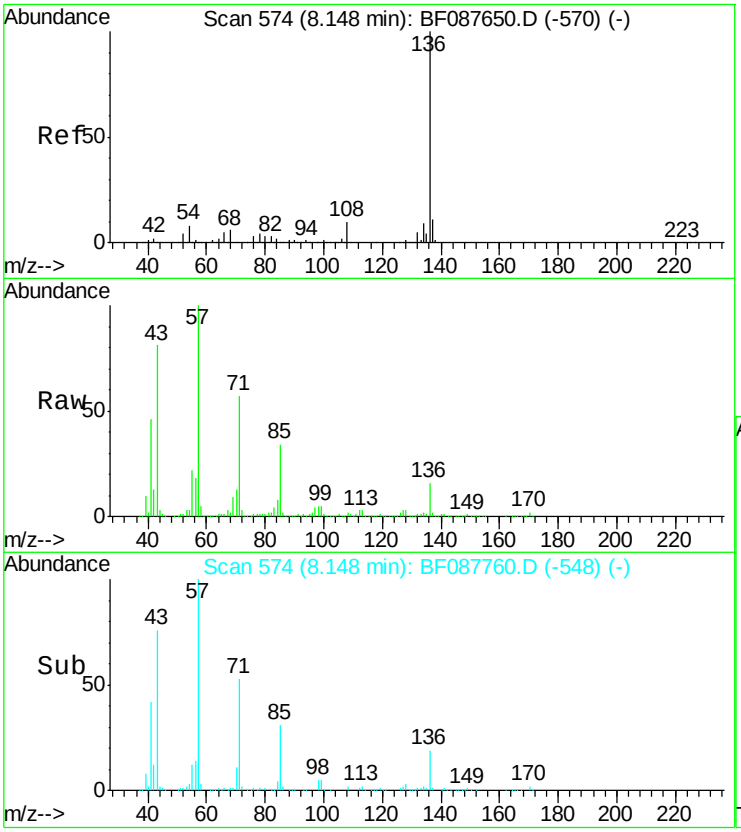


#20
3+4-Methylphenols
Concen: 12.59 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:107 Resp: 91093

Ion	Ratio	Lower	Upper
107	100		
108	80.4	67.8	107.8
77	225.2	59.3	99.3#
79	38.5	7.0	47.0



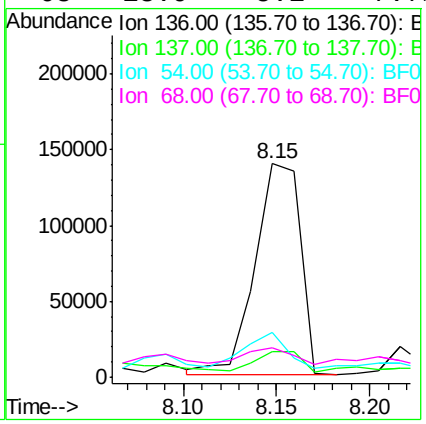


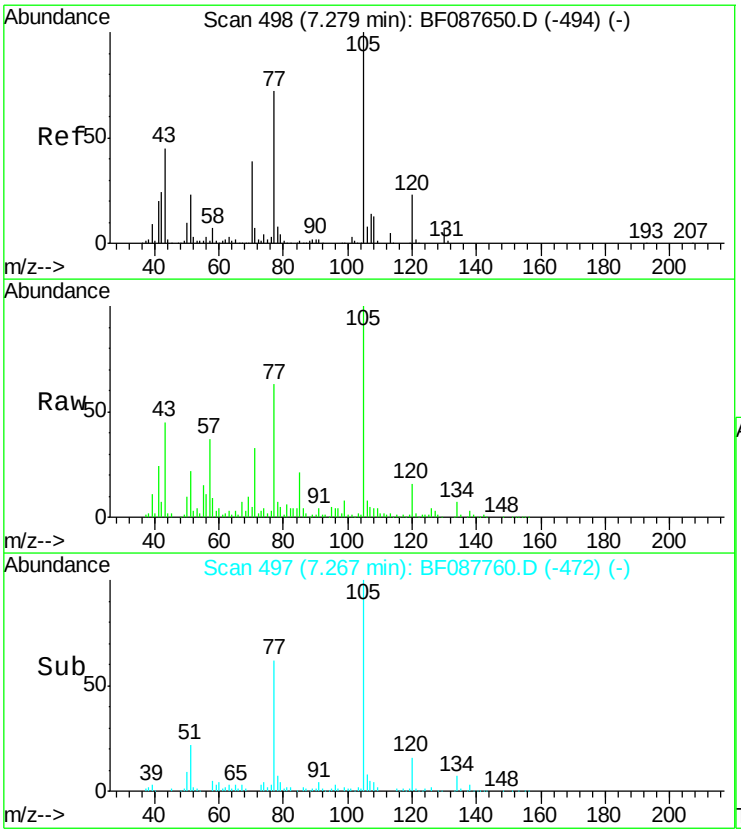
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:136 Resp: 234154

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	21.3	6.6	10.0#
68	13.9	5.1	7.7#

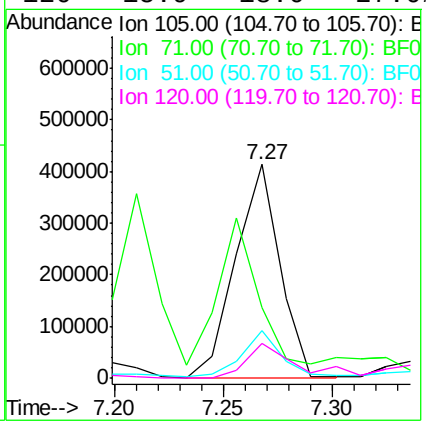


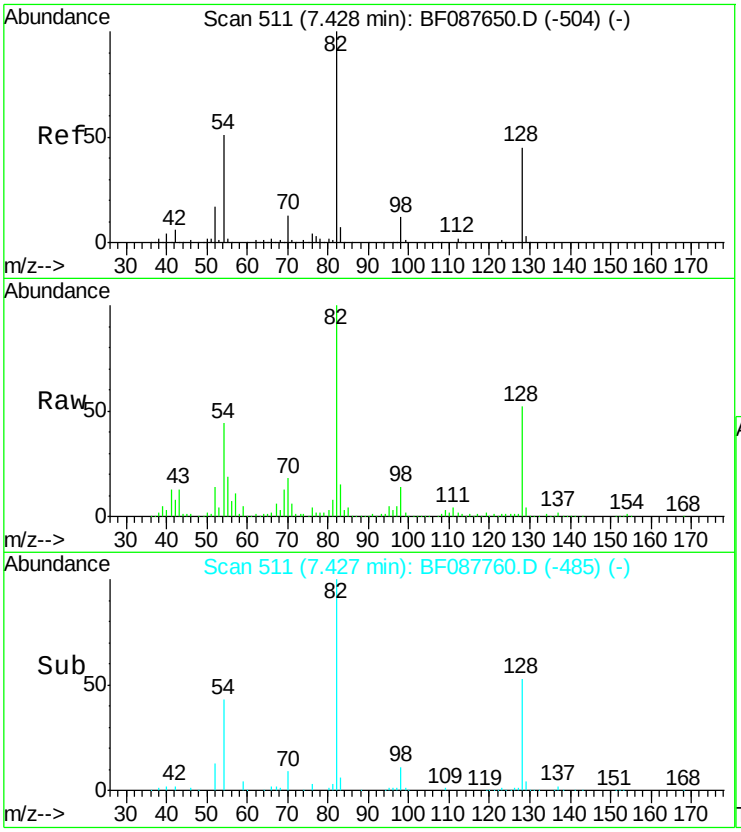


#22
Acetophenone
Concen: 109.59 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:105 Resp: 581201

Ion	Ratio	Lower	Upper
105	100		
71	32.8	5.3	7.9#
51	22.4	18.2	27.4
120	15.9	18.0	27.0#



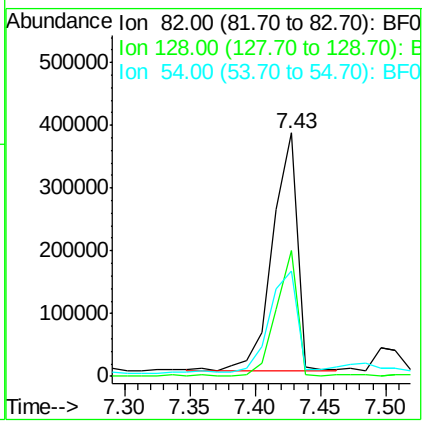


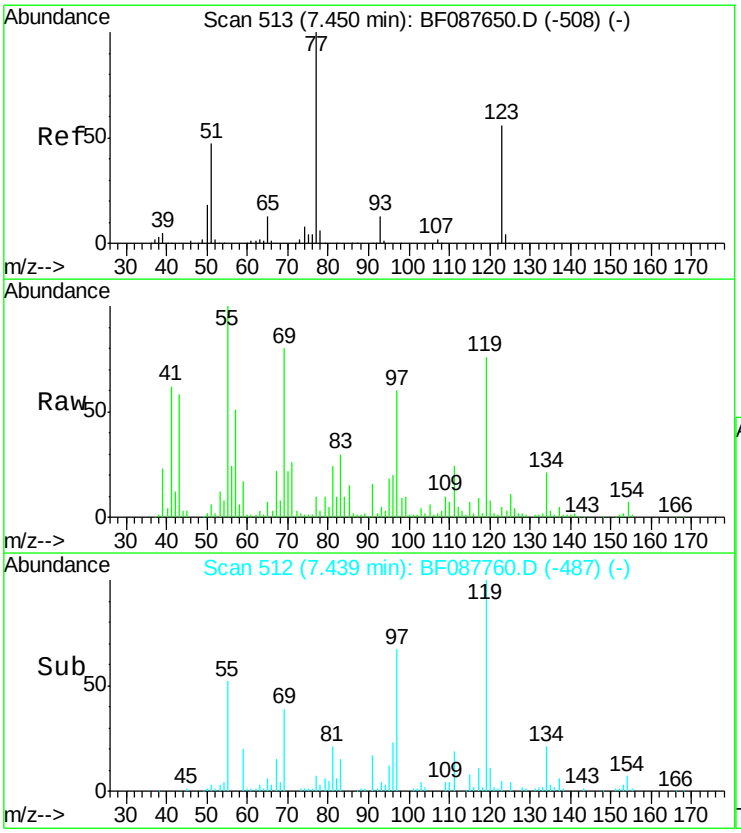
#23
Nitrobenzene-d5
Concen: 124.04 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 82 Resp: 501998

Ion	Ratio	Lower	Upper
82	100		
128	51.7	35.9	53.9
54	43.5	40.9	61.3

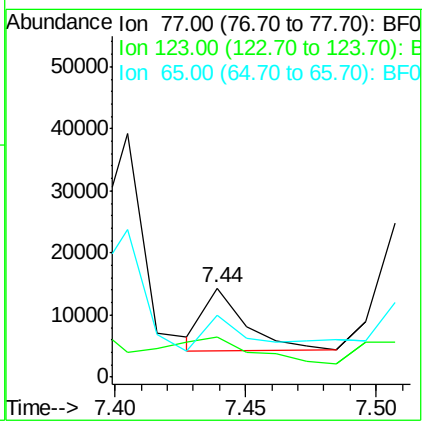


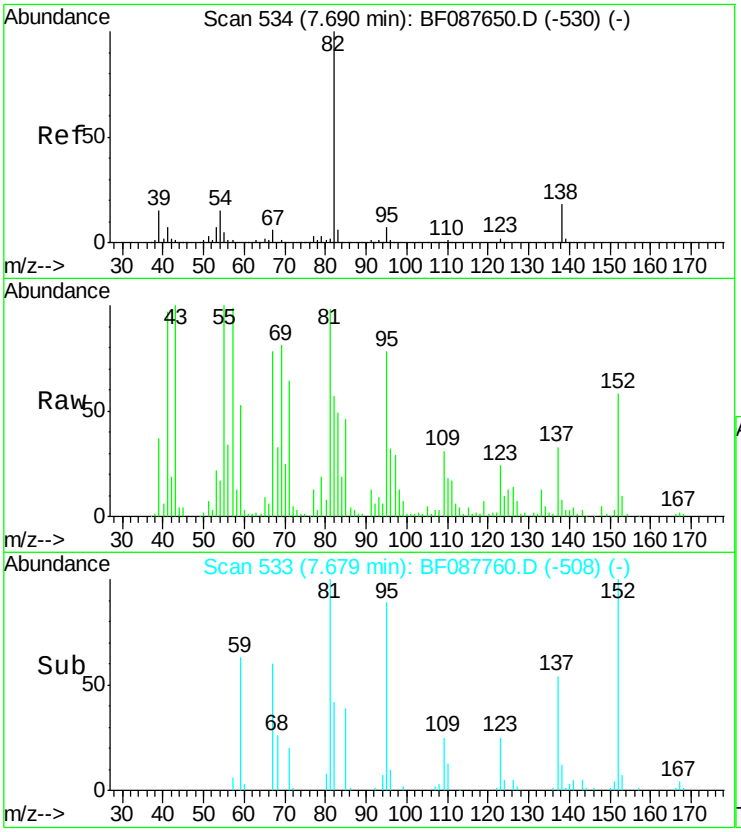


#24
Nitrobenzene
Concen: 2.75 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion: 77 Resp: 11122

Ion	Ratio	Lower	Upper
77	100		
123	44.9	45.0	67.4#
65	69.6	10.2	15.2#



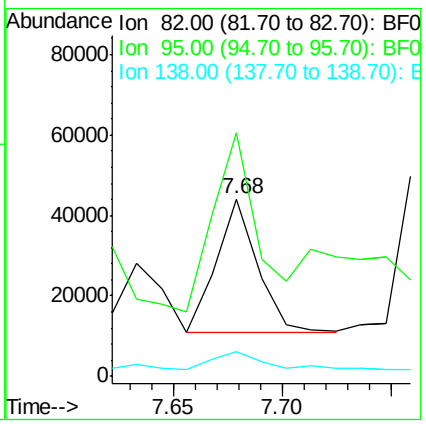


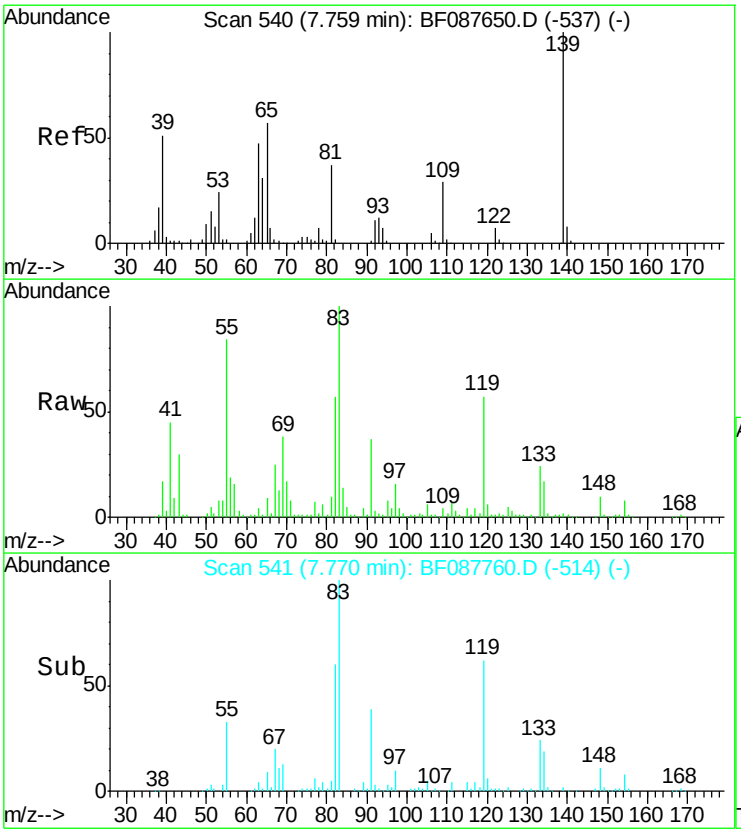
#25
Isophorone
Concen: 5.93 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 82 Resp: 43709

Ion	Ratio	Lower	Upper
82	100		
95	137.4	5.4	8.2#
138	13.7	14.6	21.8#

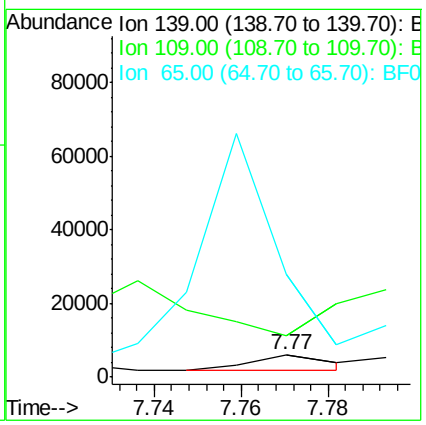


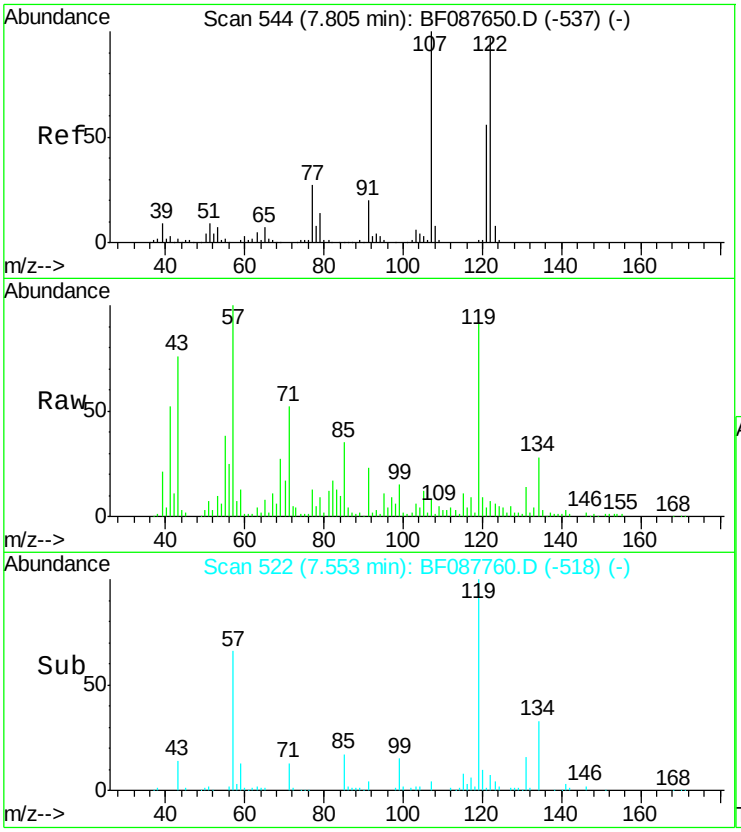


#26
2-Nitrophenol
Concen: 3.10 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:139 Resp: 5832

Ion	Ratio	Lower	Upper
139	100		
109	187.0	23.0	34.4#
65	455.5	45.8	68.8#



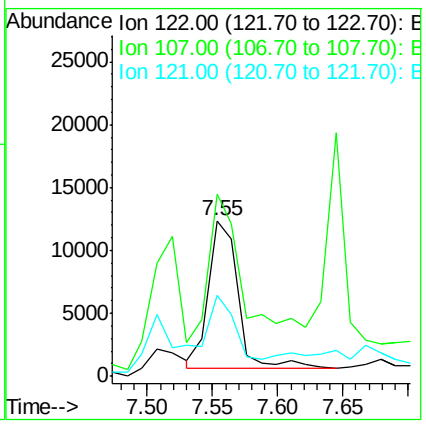


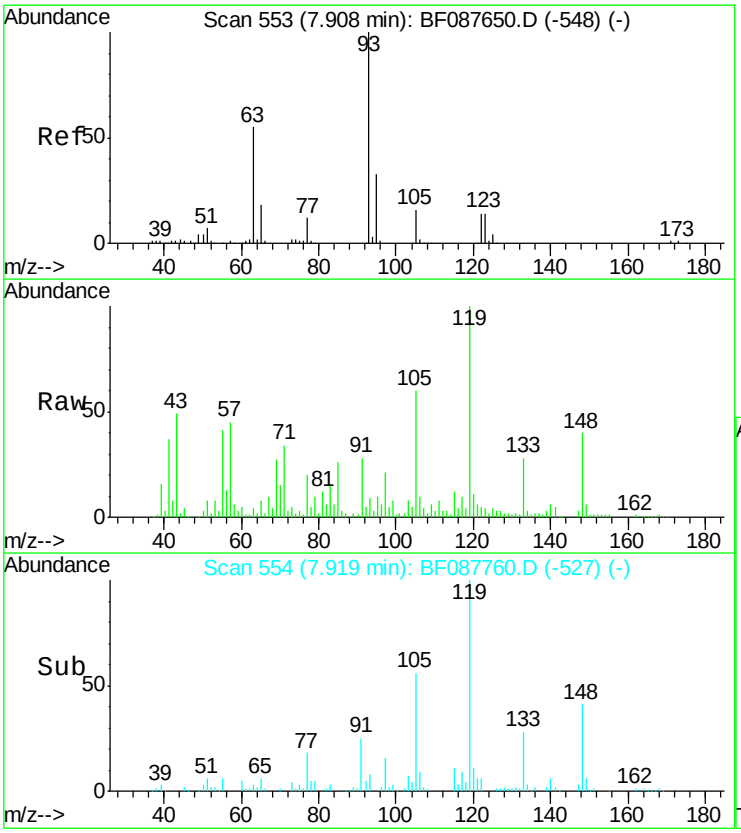
#27
2,4-Dimethylphenol
Concen: 4.68 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.25 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:122 Resp: 18265

Ion	Ratio	Lower	Upper
122	100		
107	116.8	82.4	123.6
121	52.0	46.3	69.5

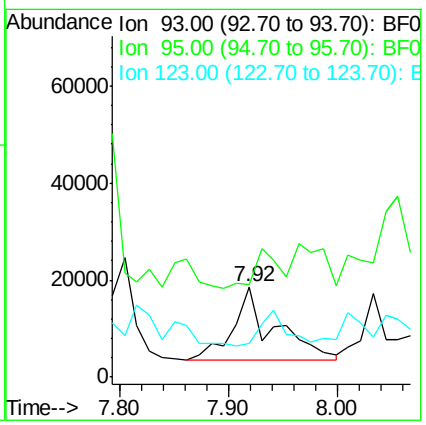


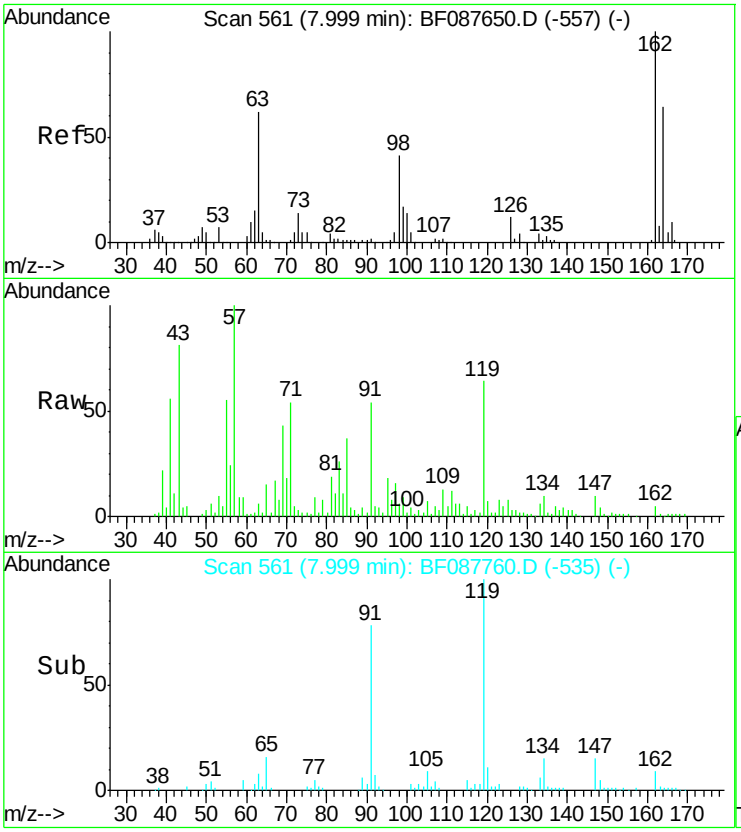


#28
bis(2-Chloroethoxy)methane
Concen: 8.32 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion: 93 Resp: 38903

Ion	Ratio	Lower	Upper
93	100		
95	102.4	26.5	39.7#
123	37.2	11.6	17.4#



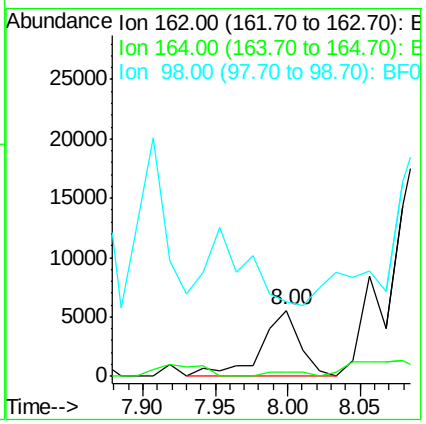


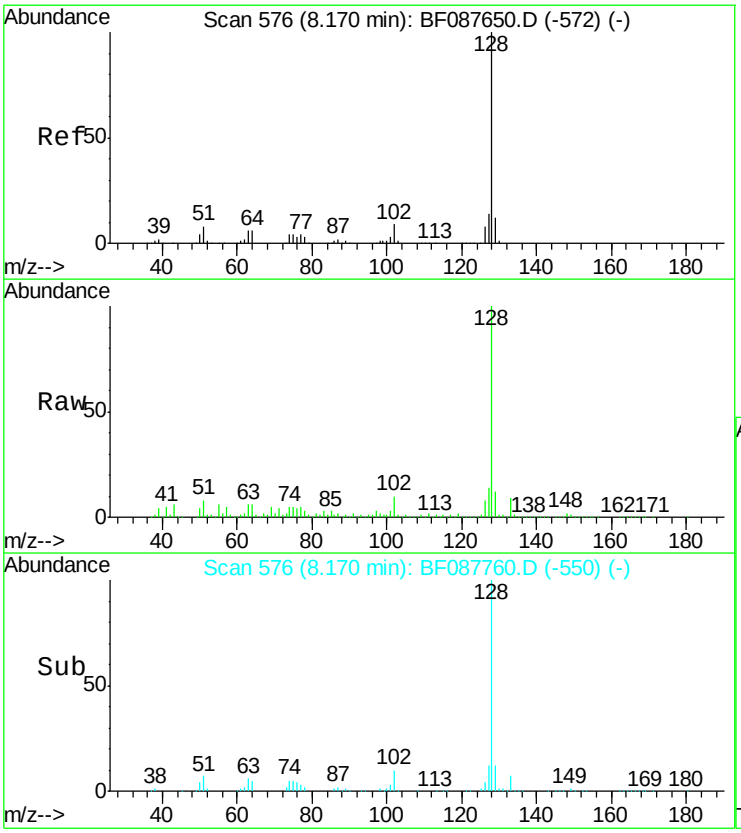
#29
2,4-Dichlorophenol
Concen: 3.27 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:162 Resp: 10475

Ion	Ratio	Lower	Upper
162	100		
164	6.6	43.8	83.8#
98	112.1	21.3	61.3#

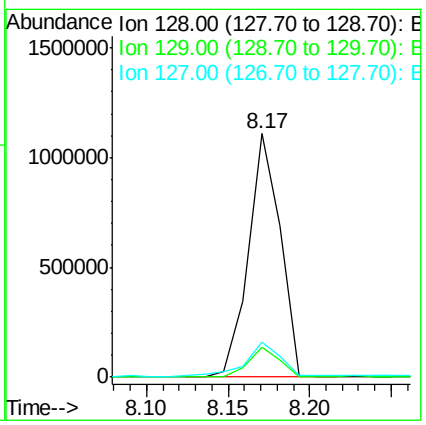


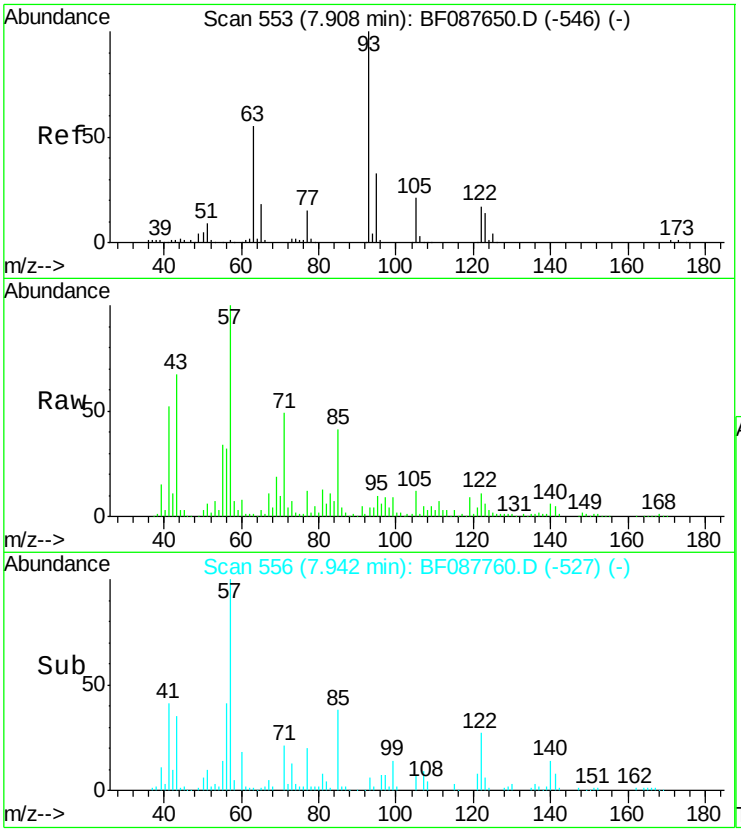


#31
Naphthalene
Concen: 130.61 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:128 Resp: 1486994

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	14.1	10.9	16.3



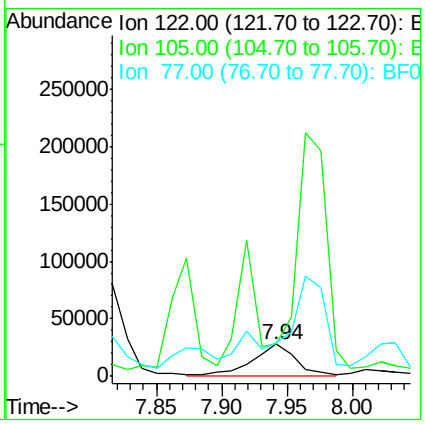


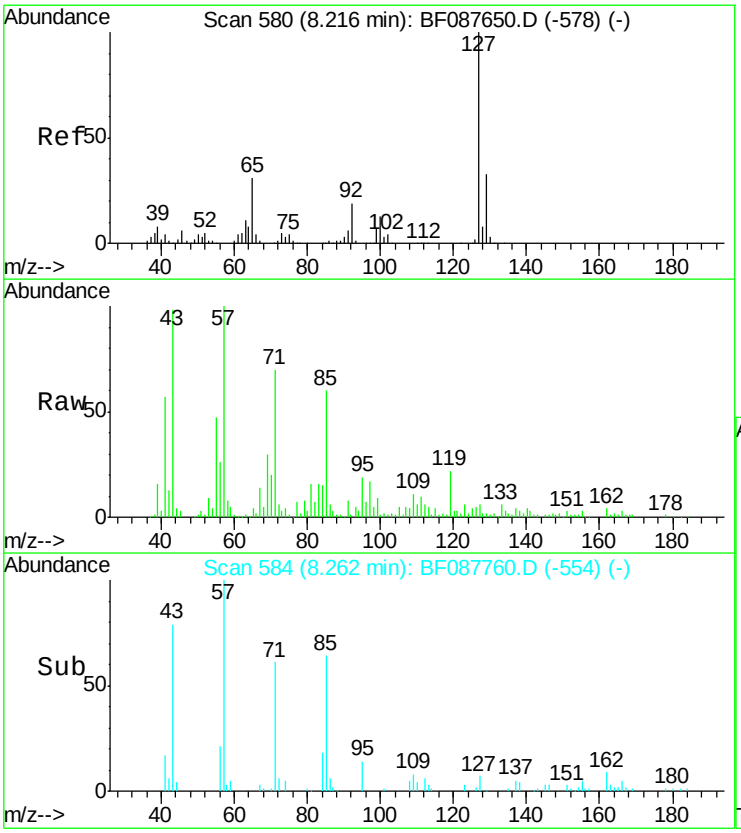
#32
Benzoic acid
Concen: 25.85 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.03 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:122 Resp: 60822

Ion	Ratio	Lower	Upper
122	100		
105	103.2	101.6	141.6
77	104.5	70.6	110.6

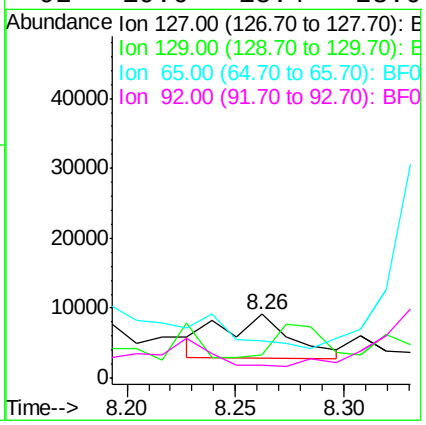


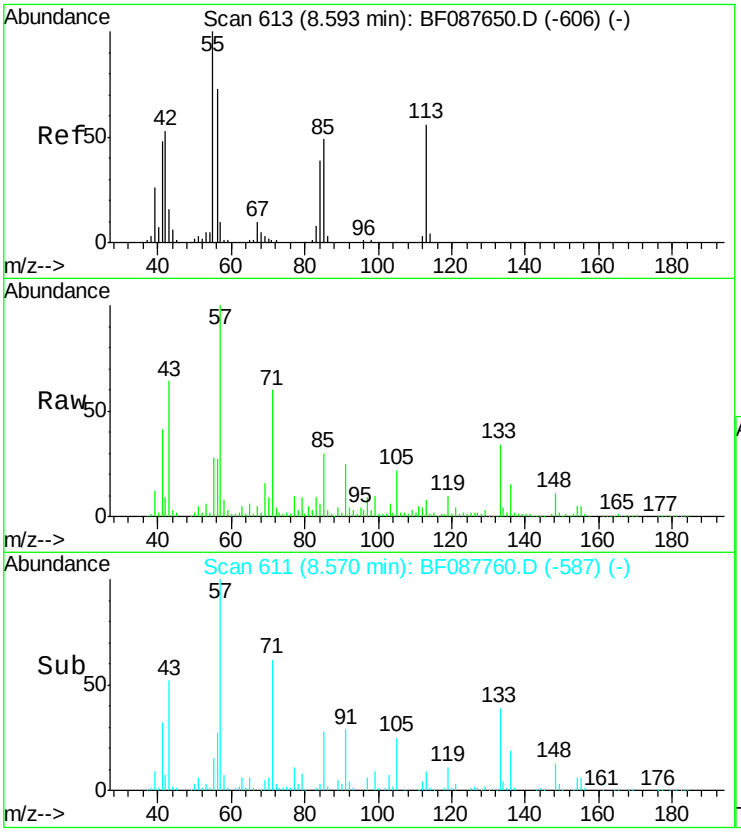


#33
4-Chloroaniline
Concen: 2.90 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.05 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:127 Resp: 14320

Ion	Ratio	Lower	Upper
127	100		
129	36.5	26.3	39.5
65	59.0	24.7	37.1#
92	19.6	15.4	23.0



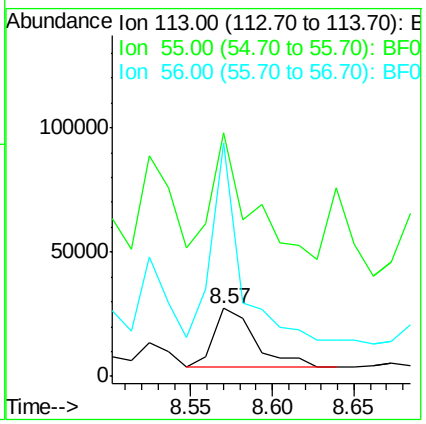


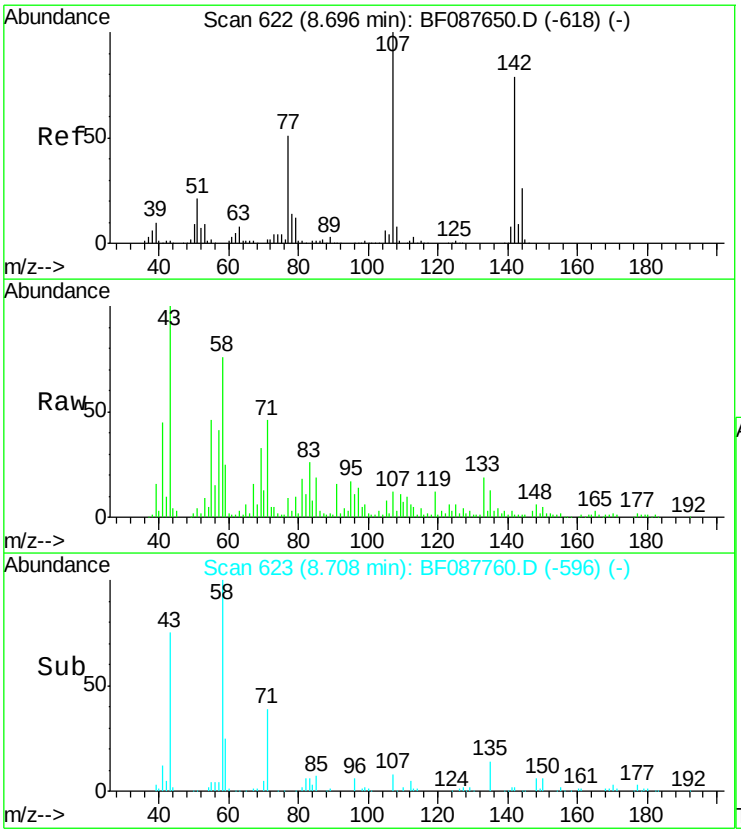
#35
Caprolactam
Concen: 39.87 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:113 Resp: 41958

Ion	Ratio	Lower	Upper
113	100		
55	359.2	158.6	198.6#
56	344.3	110.6	150.6#

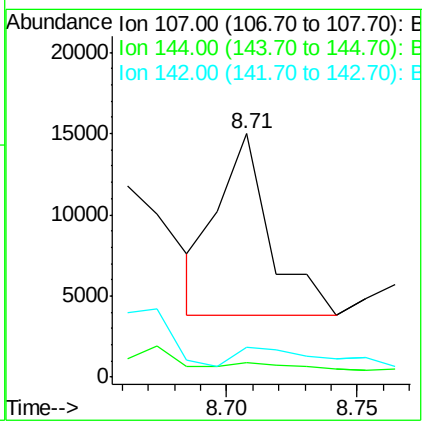


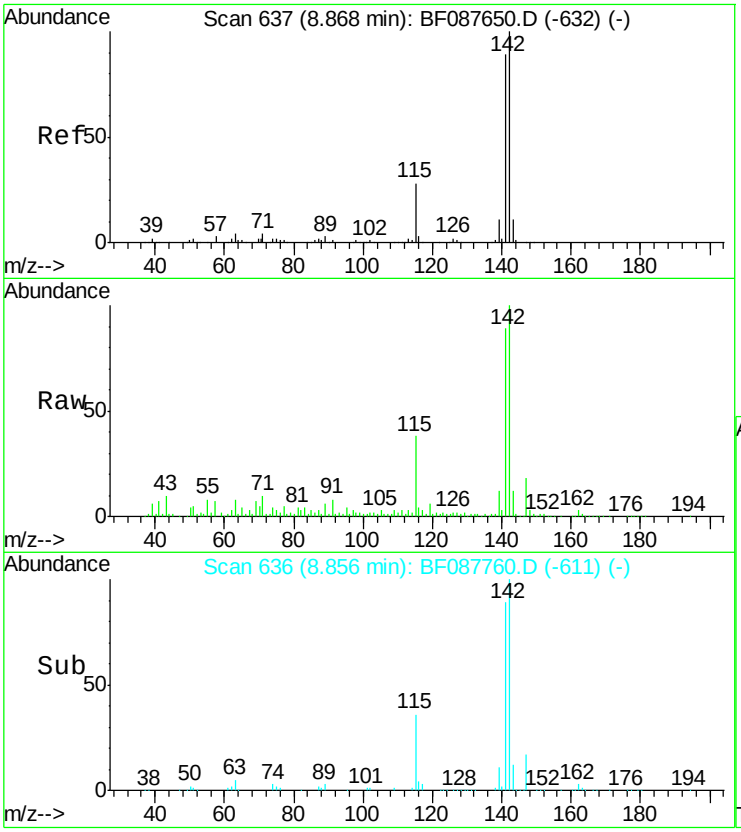


#36
4-Chloro-3-methylphenol
Concen: 4.66 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:107 Resp: 15435

Ion	Ratio	Lower	Upper
107	100		
144	5.9	20.8	31.2#
142	12.2	63.4	95.2#



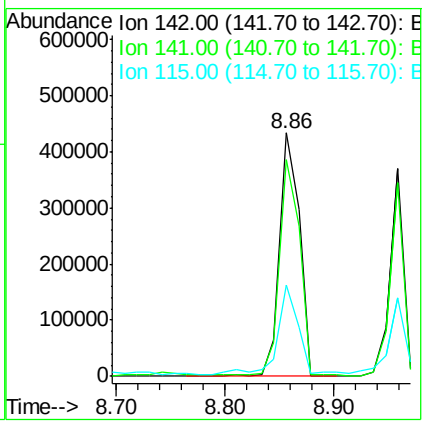


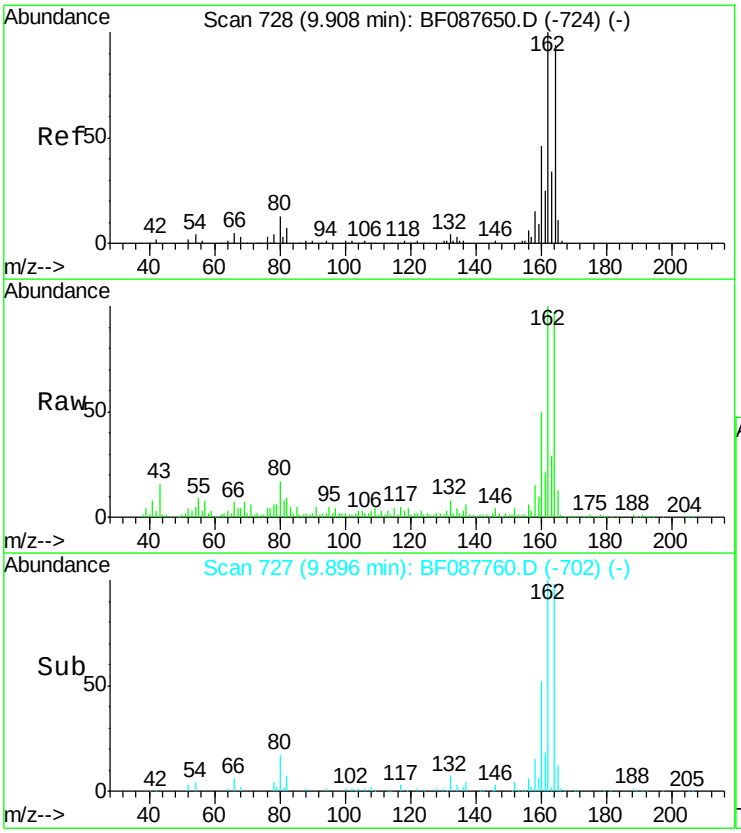
#37
2-Methylnaphthalene
Concen: 73.20 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:142 Resp: 550297

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	37.7	22.6	33.8#

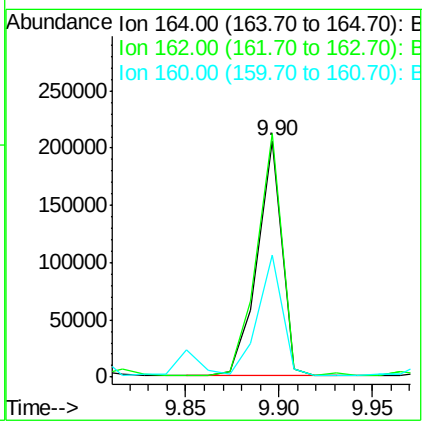


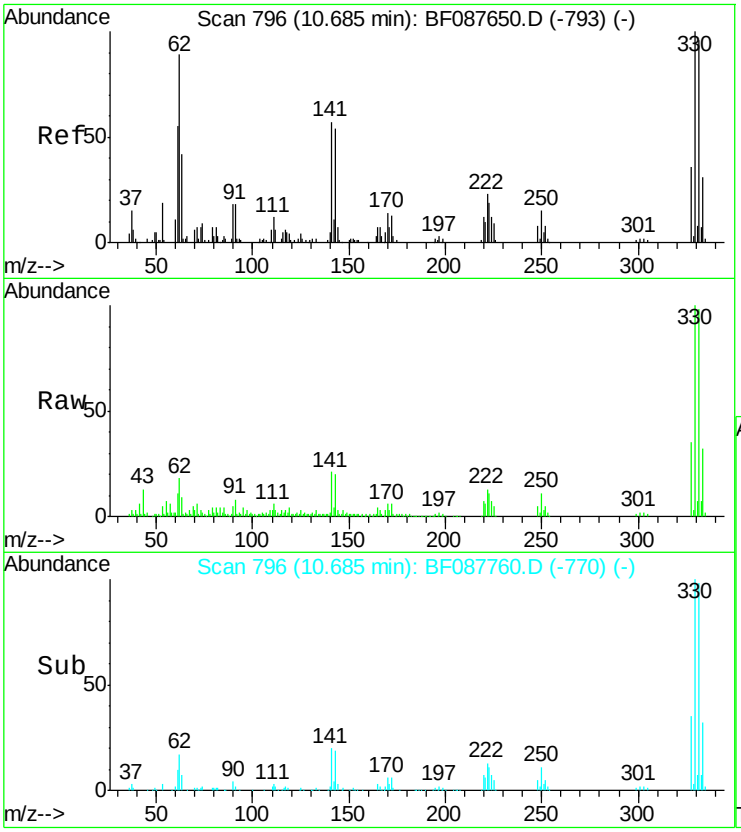


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:164 Resp: 187225

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.4	128.2
160	51.8	39.5	59.3



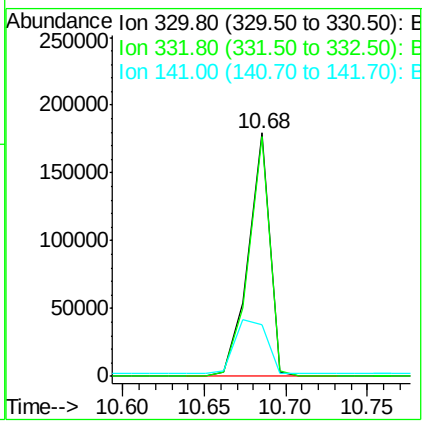


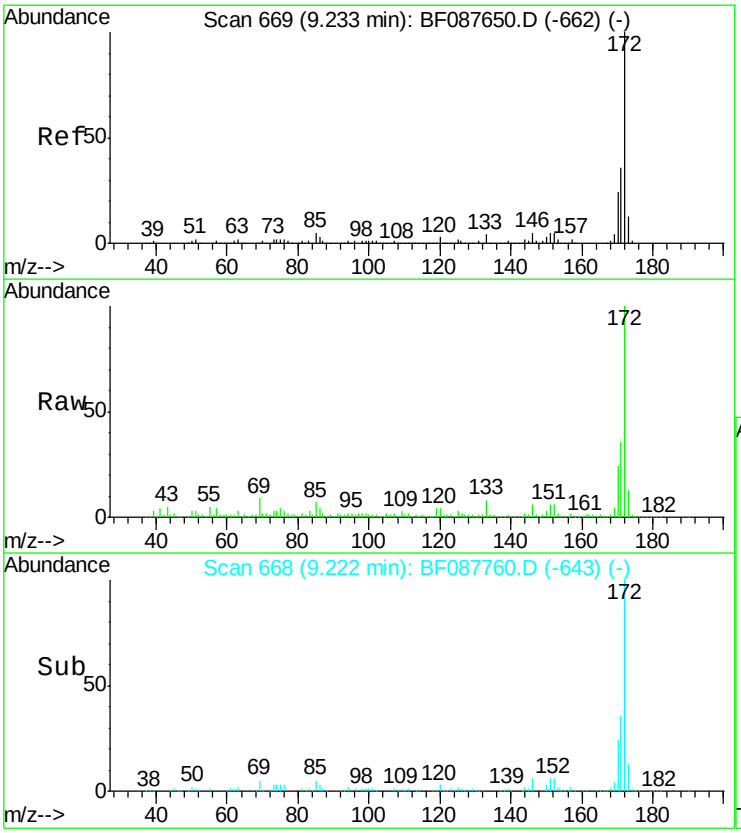
#41
2,4,6-Tribromophenol
Concen: 87.97 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:330 Resp: 165336

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	33.5	0.0	0.0#

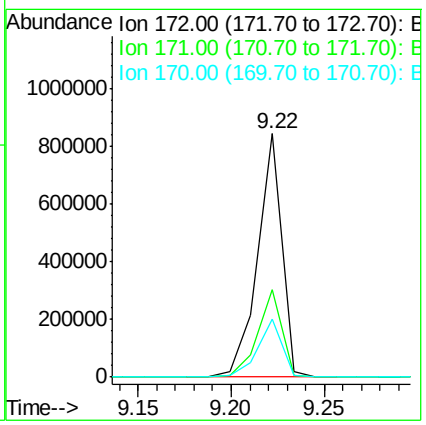


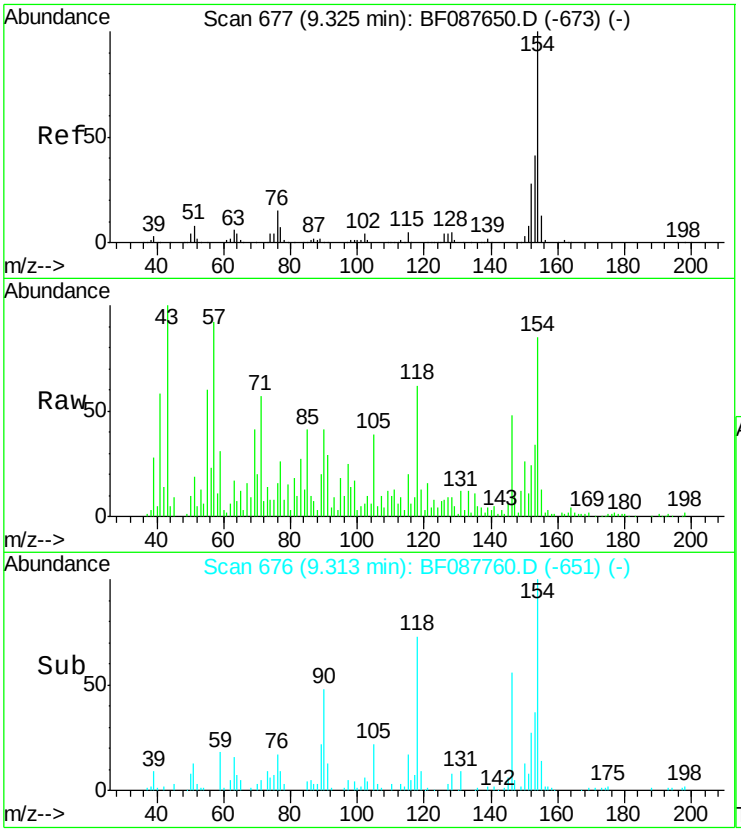


#44
2-Fluorobiphenyl
Concen: 55.62 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:172 Resp: 754143

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.8	19.2	28.8



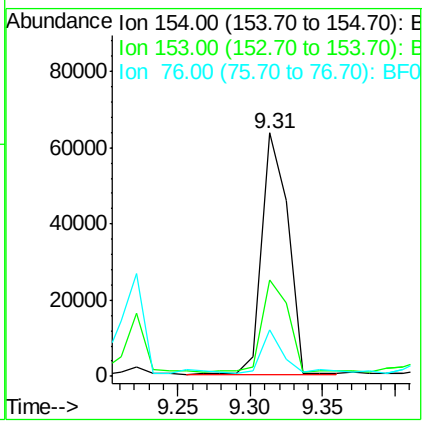


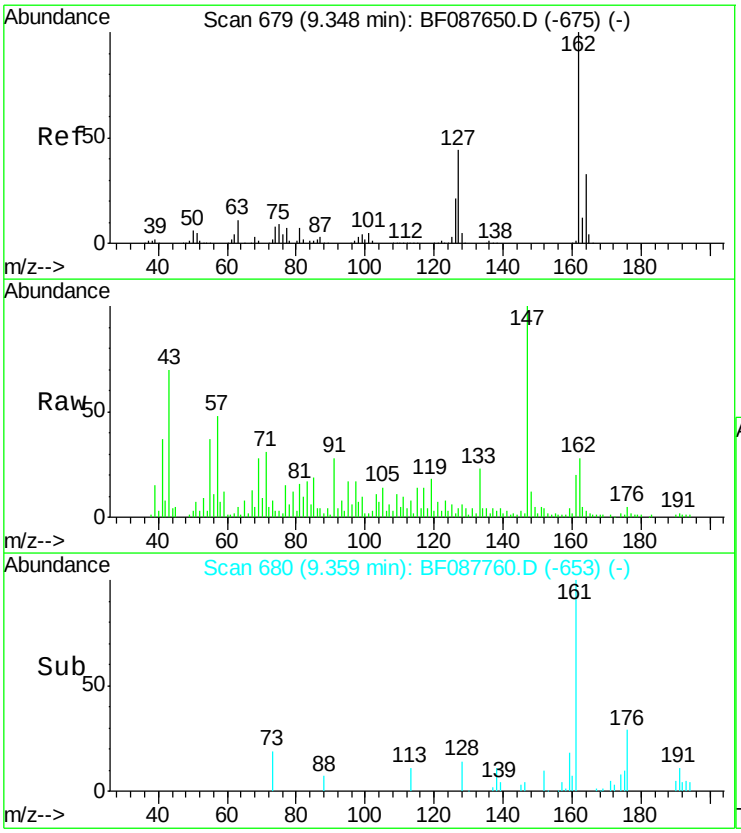
#45
1,1'-Biphenyl
Concen: 5.20 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:154 Resp: 78958

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	18.9	0.0	35.1

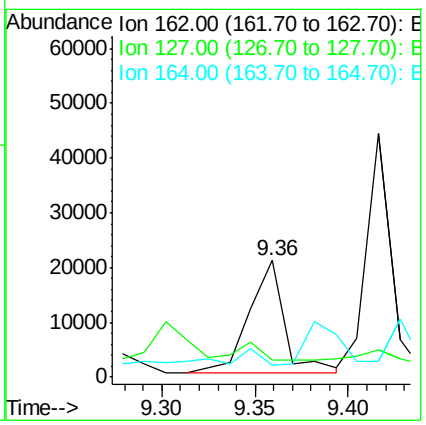


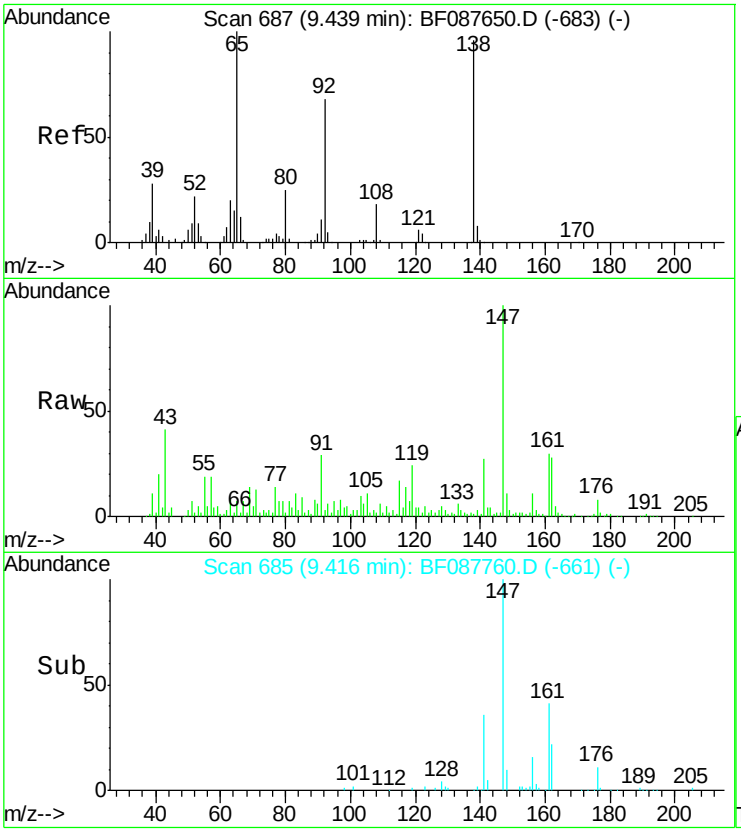


#46
2-Chloronaphthalene
Concen: 2.25 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:162 Resp: 27226

Ion	Ratio	Lower	Upper
162	100		
127	14.5	35.2	52.8#
164	10.7	26.6	39.8#



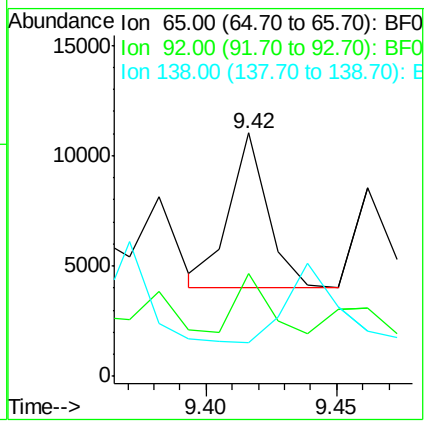


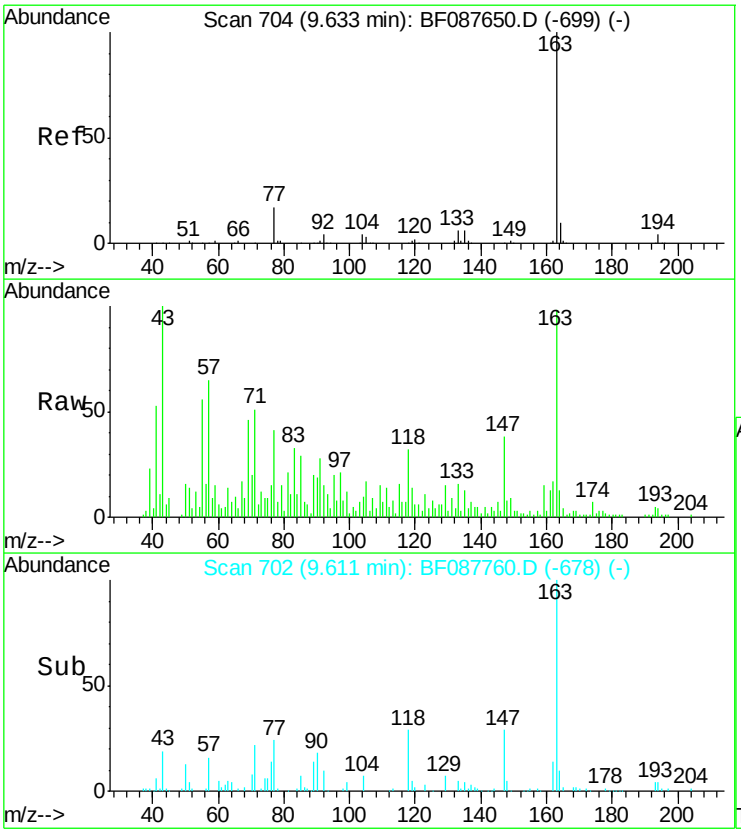
#47
2-Nitroaniline
Concen: 2.12 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion: 65 Resp: 7229

Ion	Ratio	Lower	Upper
65	100		
92	42.1	54.6	82.0#
138	13.9	77.0	115.4#

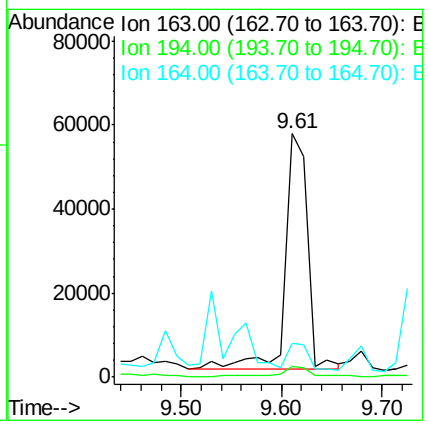


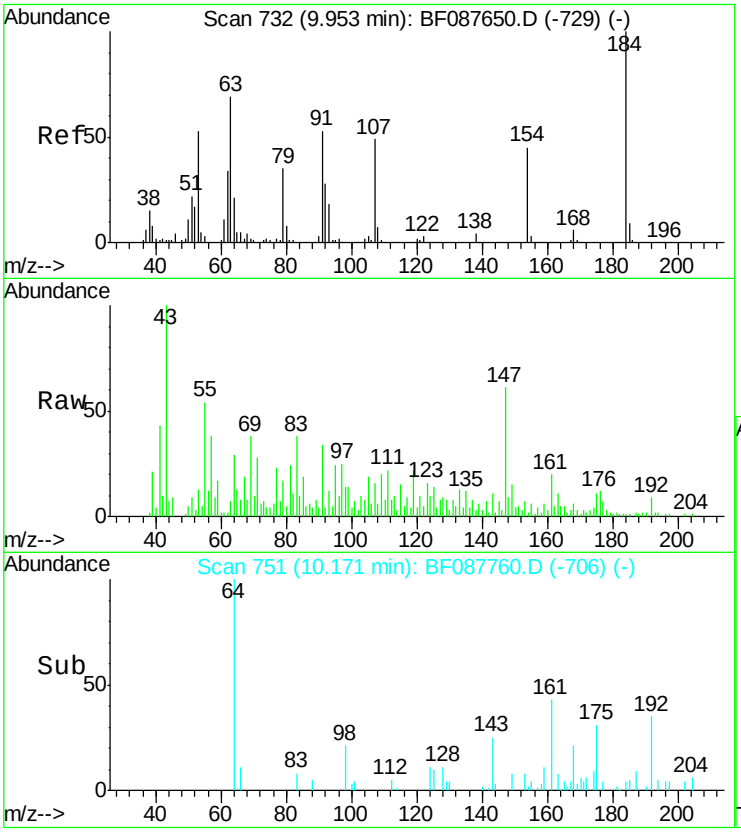


#49
Dimethylphthalate
Concen: 6.27 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:163 Resp: 85323

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.8	4.2#
164	13.6	8.3	12.5#



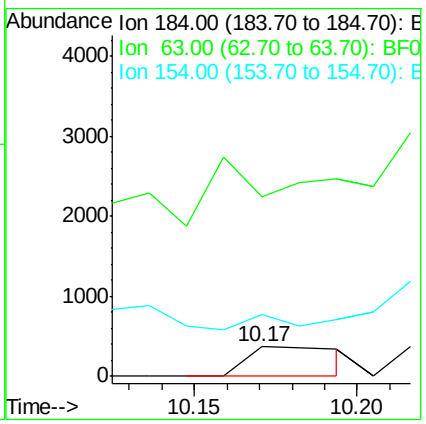


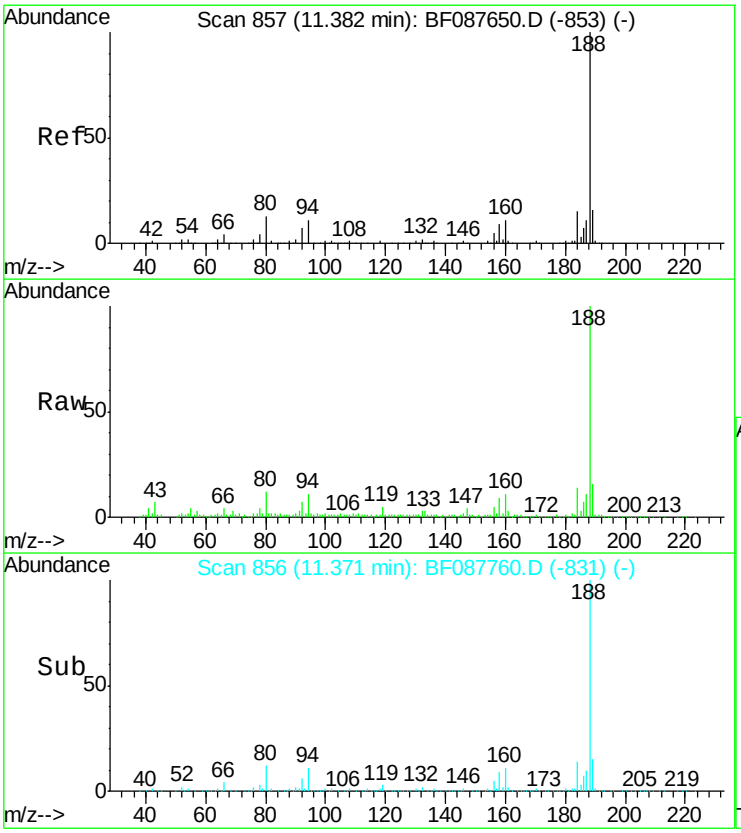
#53
2,4-Dinitrophenol
Concen: 4.37 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.22 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:184 Resp: 731

Ion	Ratio	Lower	Upper
184	100		
63	603.2	57.6	86.4#
154	209.7	53.5	80.3#

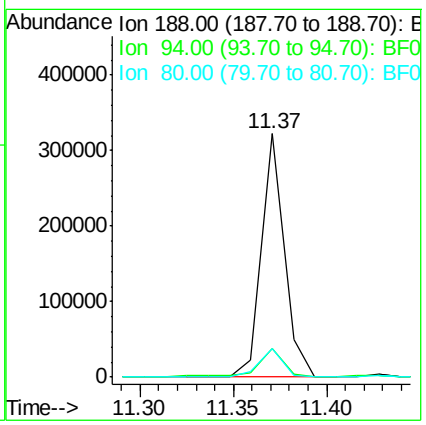


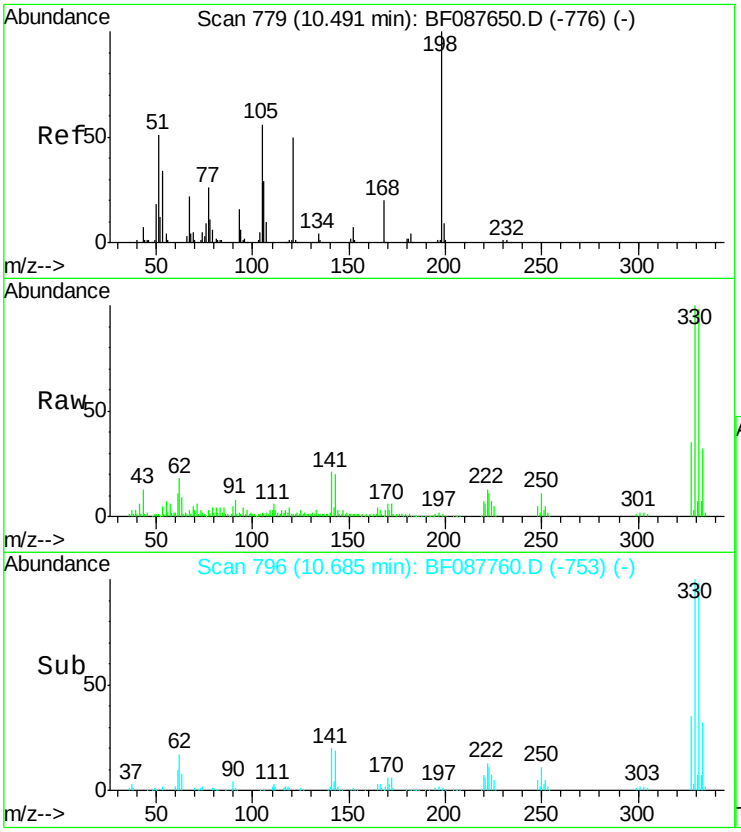


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:188 Resp: 271523

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.6
80	11.9	10.0	15.0



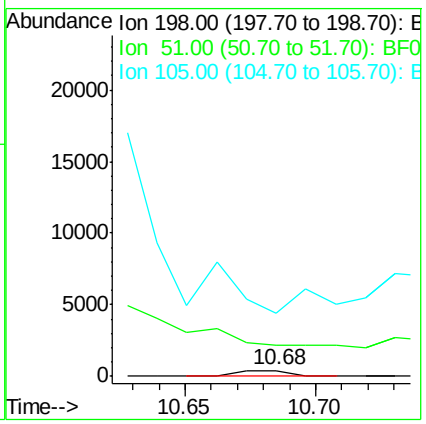


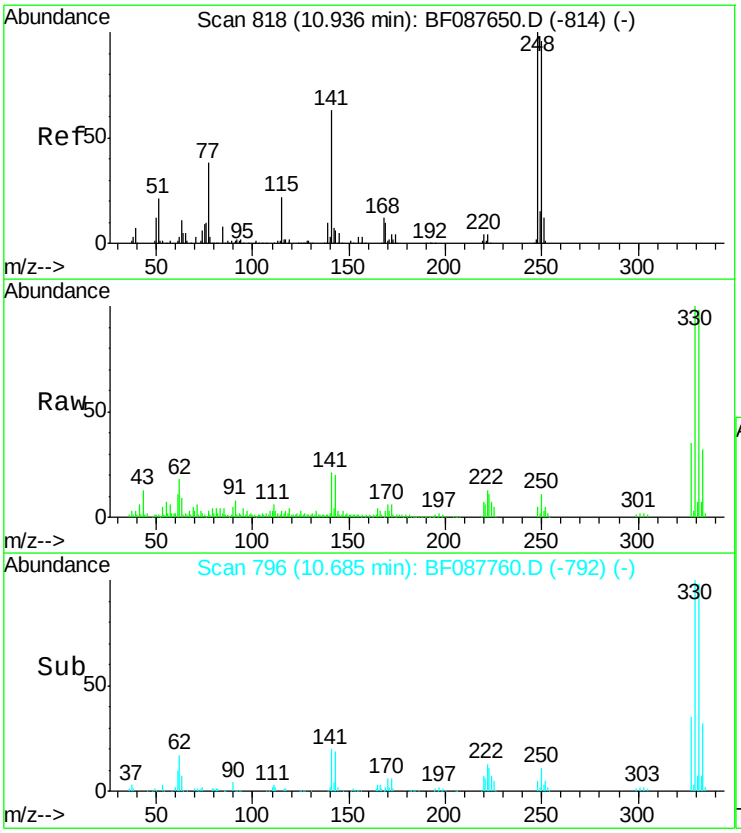
#64
4,6-Dinitro-2-methylphenol
Concen: 2.34 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:198 Resp: 514

Ion	Ratio	Lower	Upper
198	100		
51	557.4	39.6	79.6#
105	1104.5	36.6	76.6#

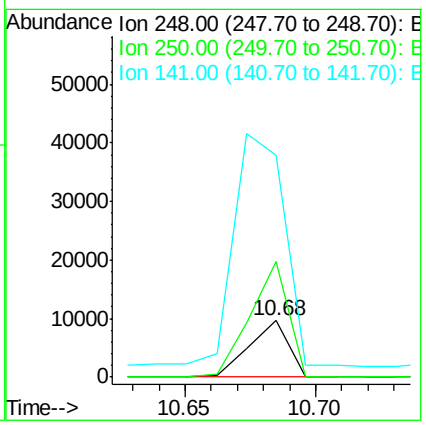


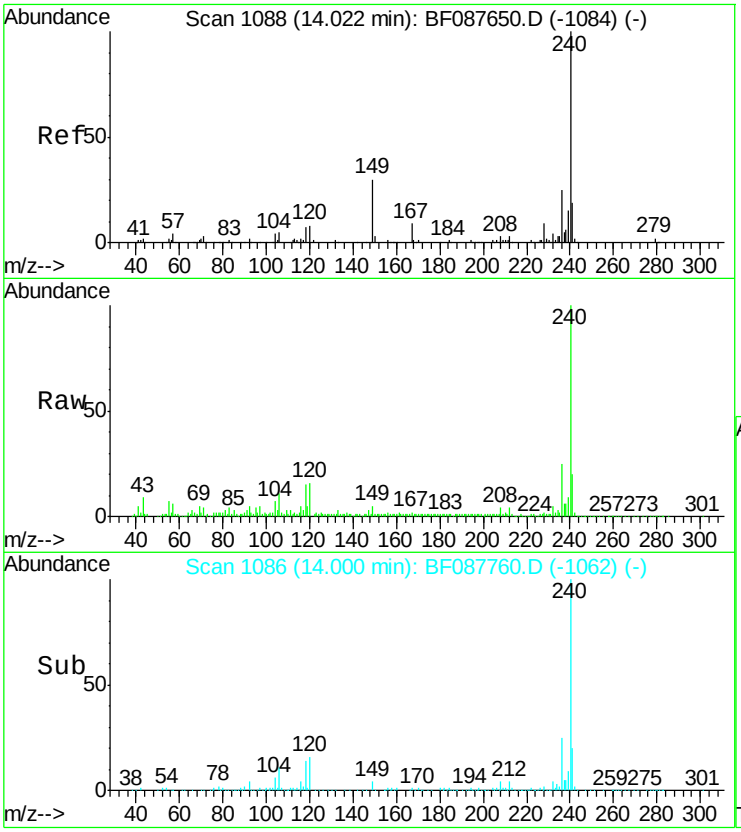


#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:248 Resp: 10250

Ion	Ratio	Lower	Upper
248	100		
250	204.6	77.1	115.7#
141	393.9	50.6	76.0#



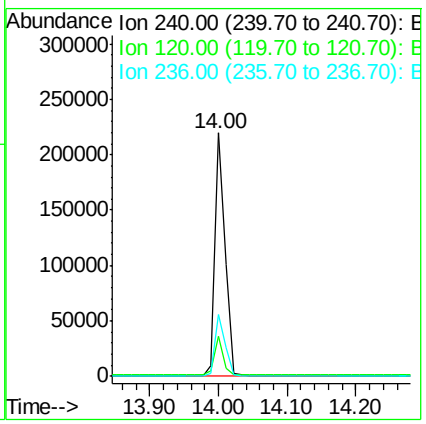


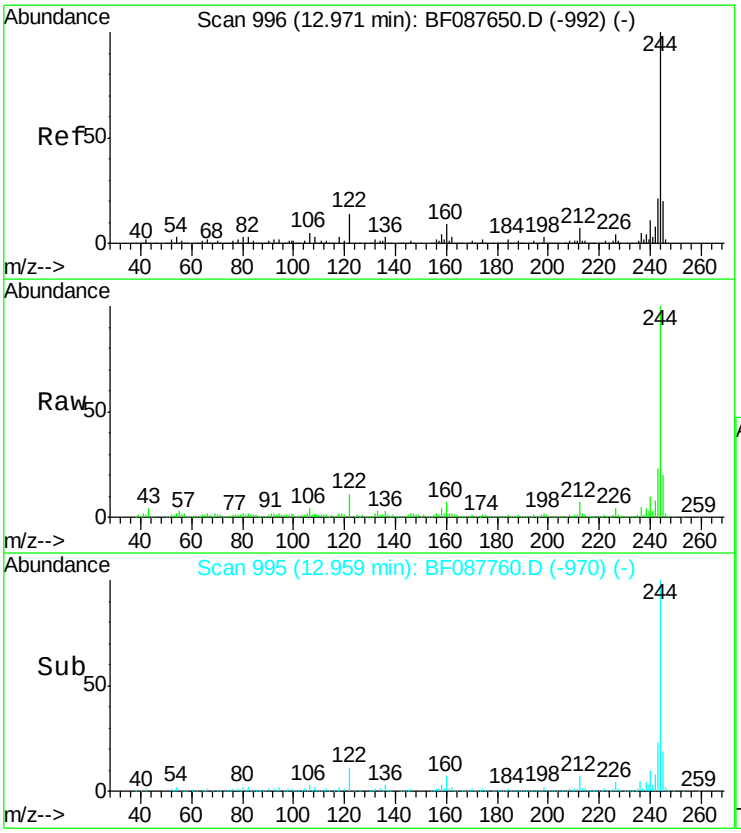
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:240 Resp: 230676

Ion	Ratio	Lower	Upper
240	100		
120	16.4	6.8	10.2#
236	25.3	20.2	30.2

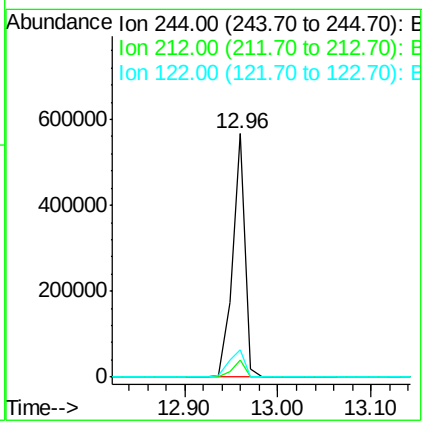


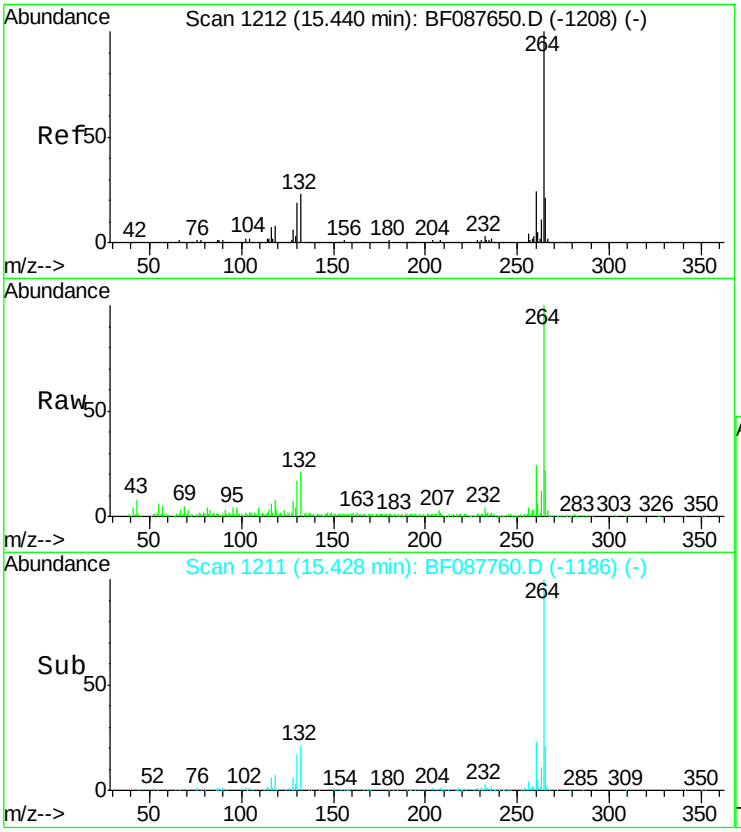


#78
Terphenyl-d14
Concen: 55.66 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Tgt Ion:244 Resp: 526159

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.0	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087760.D
Acq: 6 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
B-2RE

Tgt Ion:264 Resp: 176683

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	16.9	25.3