Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-16RE
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Time: Jun 07 08:26:39 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	6.84	152	97439	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	383165	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	150977	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	244138	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	185744	20.00	ng		-0.02
86) Perylene-d12	15.43	264	149659	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	362686	60.16	ng		-0.01
7) Phenol-d6	6.48	99	285721	37.79	ng		-0.01
23) Nitrobenzene-d5	7.42	82	496817	75.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	211949	139.85	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1024088	120.62	ng		-0.01
78) Terphenyl-d14	12.96	244	694702	91.26	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.12	42	6808	2.09	ng	#	1
15) Benzyl Alcohol	7.00	79	16019	2.87	ng	#	51
17) 2-Methylphenol	7.11	107	12617	2.27	ng	#	87
18) Hexachloroethane	7.43	117	75225	28.86	ng	#	21
19) n-Nitroso-di-n-propylamine	7.24	70	9591	2.03	ng	#	60
20) 3+4-Methylphenols	7.26	107	28816	4.22	ng	#	79
22) Acetophenone	7.26	105	24544	2.83	ng	#	78
24) Nitrobenzene	7.39	77	15039	2.27	ng	#	18
31) Naphthalene	8.16	128	106331	5.71	ng		98
32) Benzoic acid	7.93	122	86433	22.45	ng		94
33) 4-Chloroaniline	8.16	127	17073	2.11	ng	#	39
37) 2-Methylnaphthalene	8.84	142	79230	6.44	ng	#	95
49) Dimethylphthalate	9.61	163	76962	7.01	ng		100
50) 2,6-Dinitrotoluene	9.42	165	6026	2.41	ng		90
52) 3-Nitroaniline	9.75	138	30935	10.83	ng	#	27
53) 2,4-Dinitrophenol	9.99	184	222	4.06	ng	#	1
60) 4-Chlorophenyl-phenylether	10.57	204	607	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.51	198	249	2.19	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	12874	5.32	ng	#	1

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

Quantitation Report (Not Reviewed)

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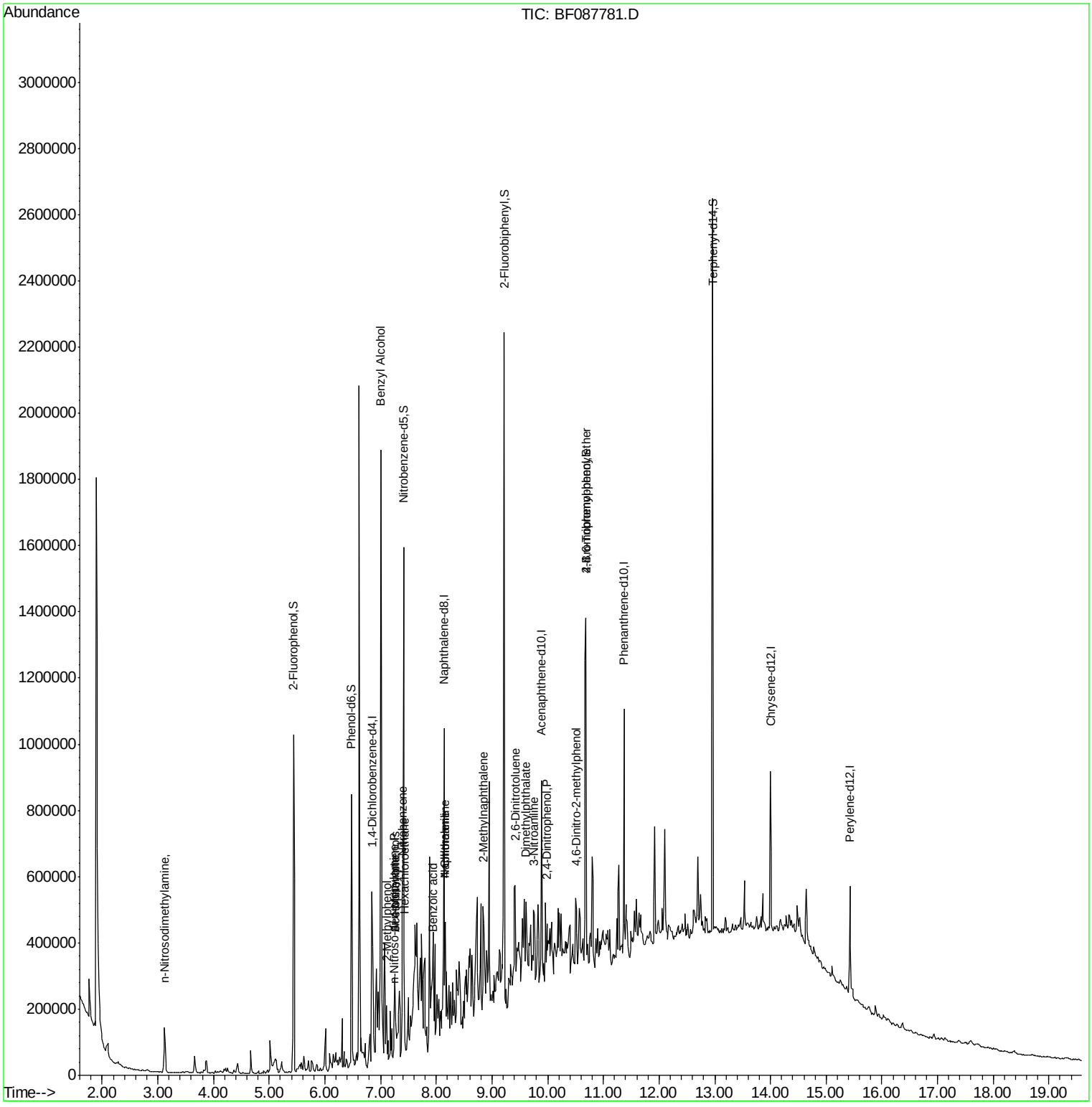
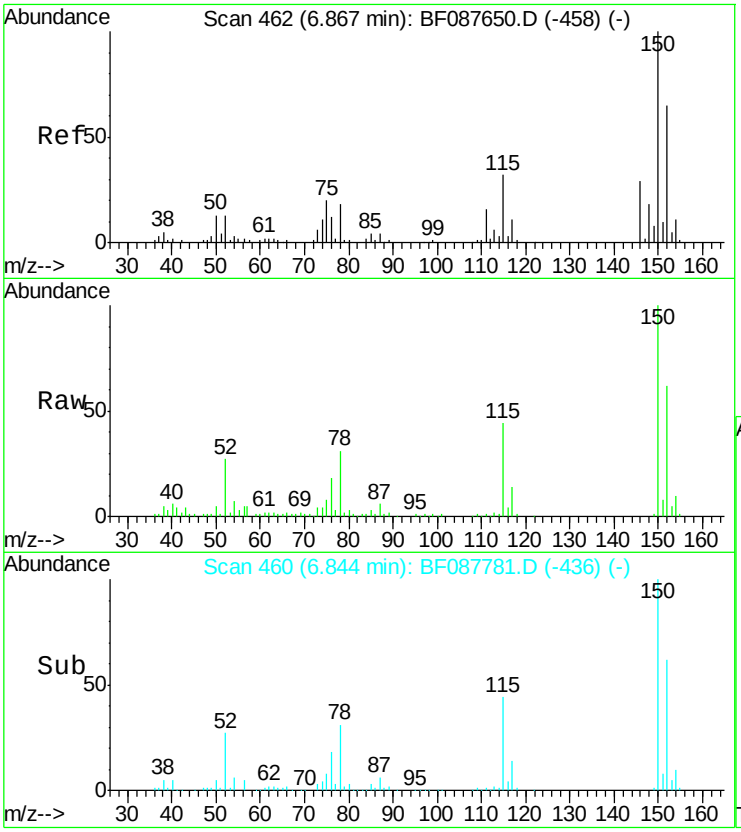


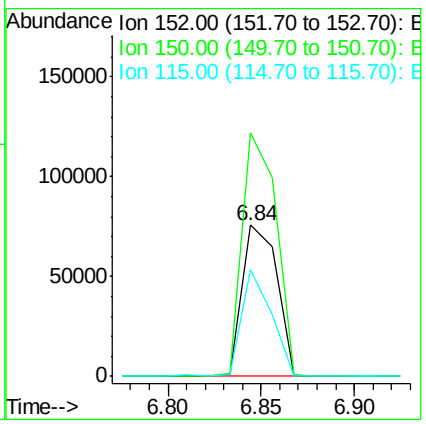


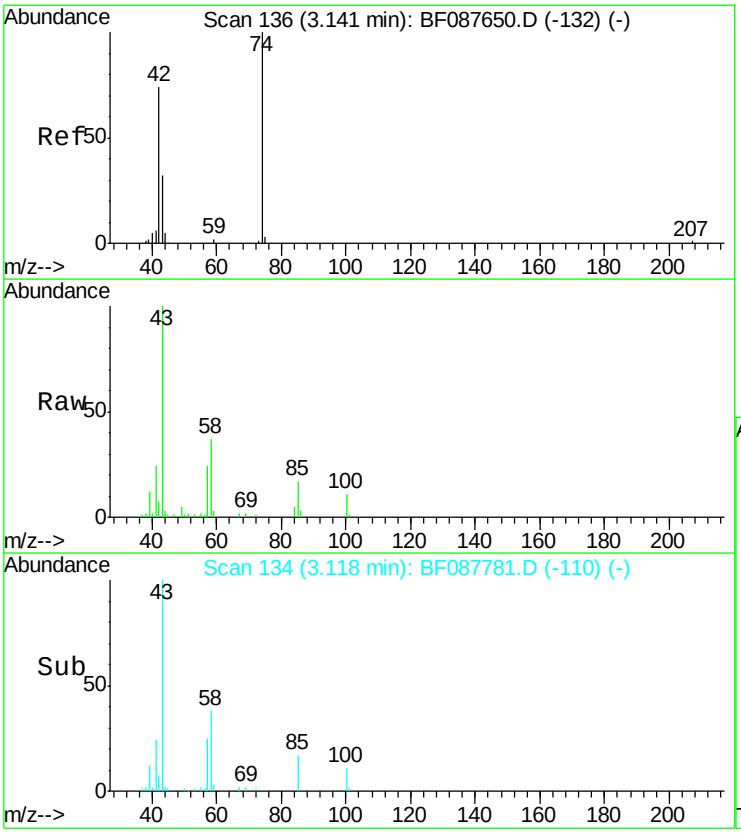
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:152 Resp: 97439

Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.8	185.6
115	70.5	39.6	59.4#

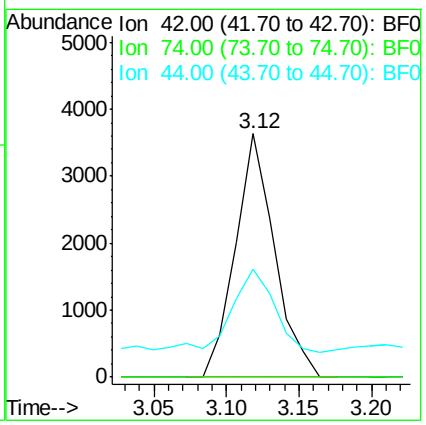


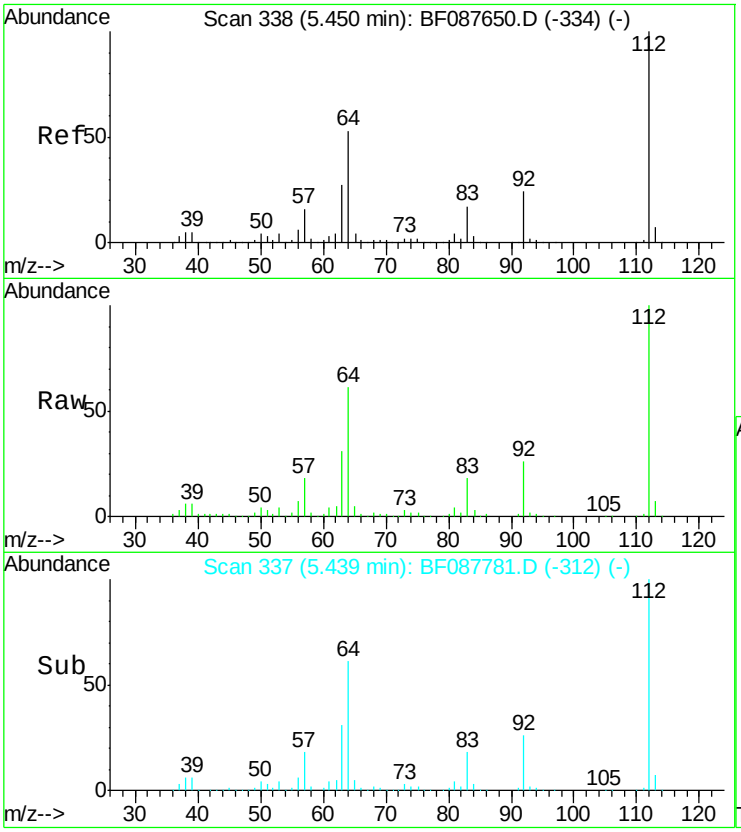


#4
n-Nitrosodimethylamine
Concen: 2.09 ng
RT: 3.12 min Scan# 134
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion: 42 Resp: 6808

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	44.6	5.5	8.3#



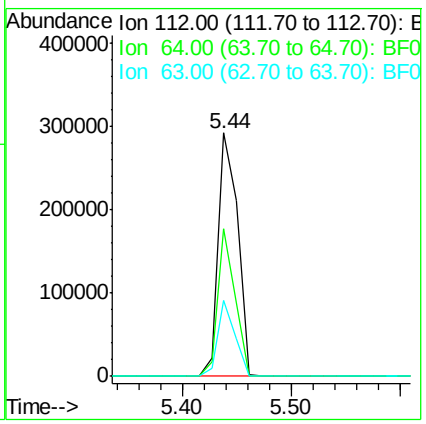


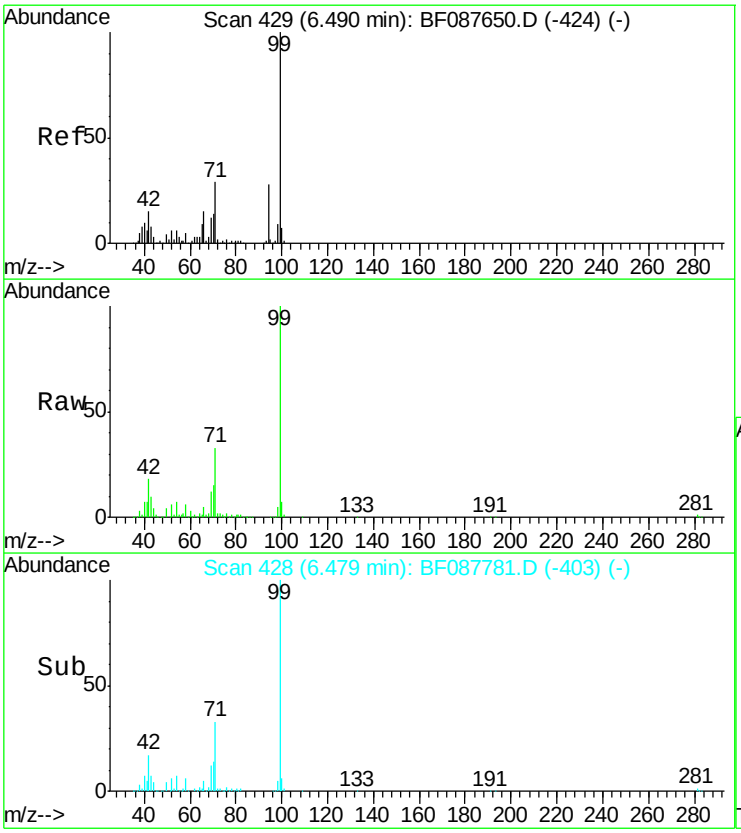
#5
2-Fluorophenol
Concen: 60.16 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:112 Resp: 362686

Ion	Ratio	Lower	Upper
112	100		
64	60.6	42.2	63.2
63	31.3	21.8	32.8

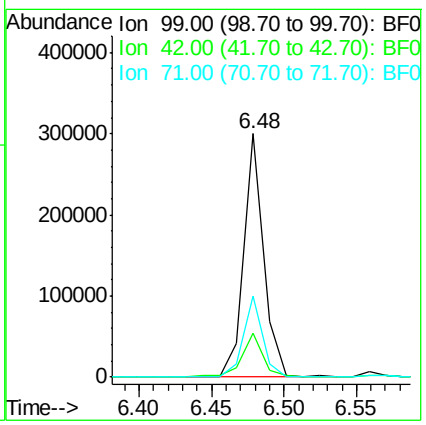


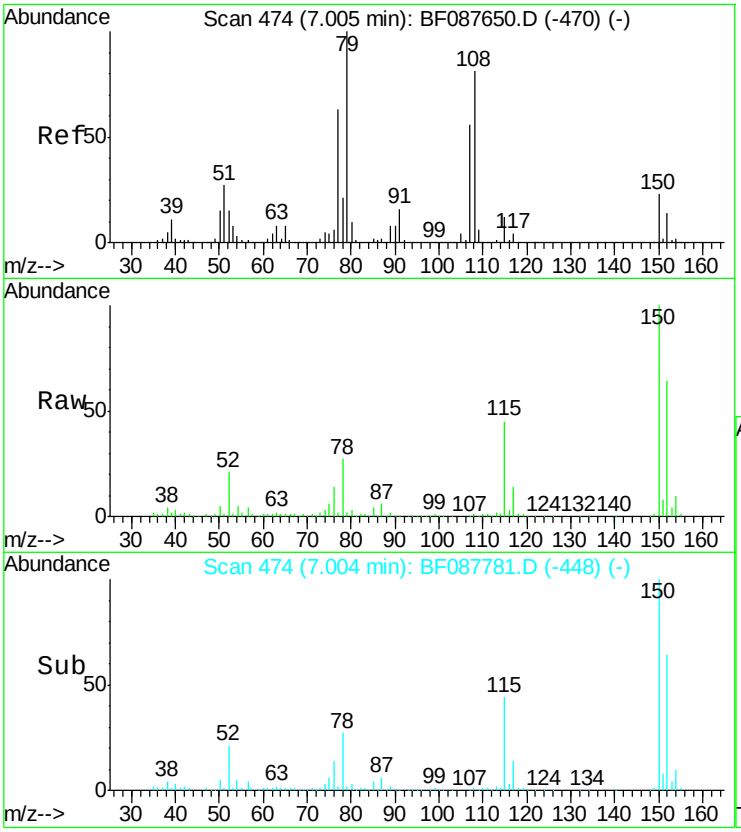


#7
Phenol-d6
Concen: 37.79 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion: 99 Resp: 285721

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	33.0	23.4	35.0



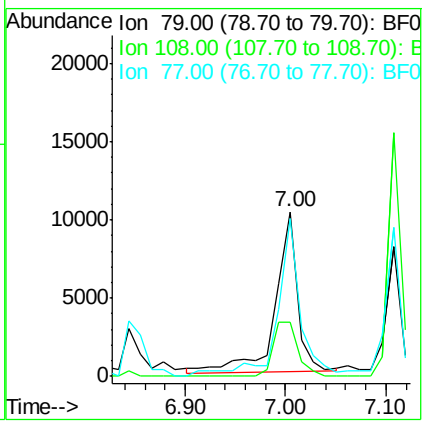


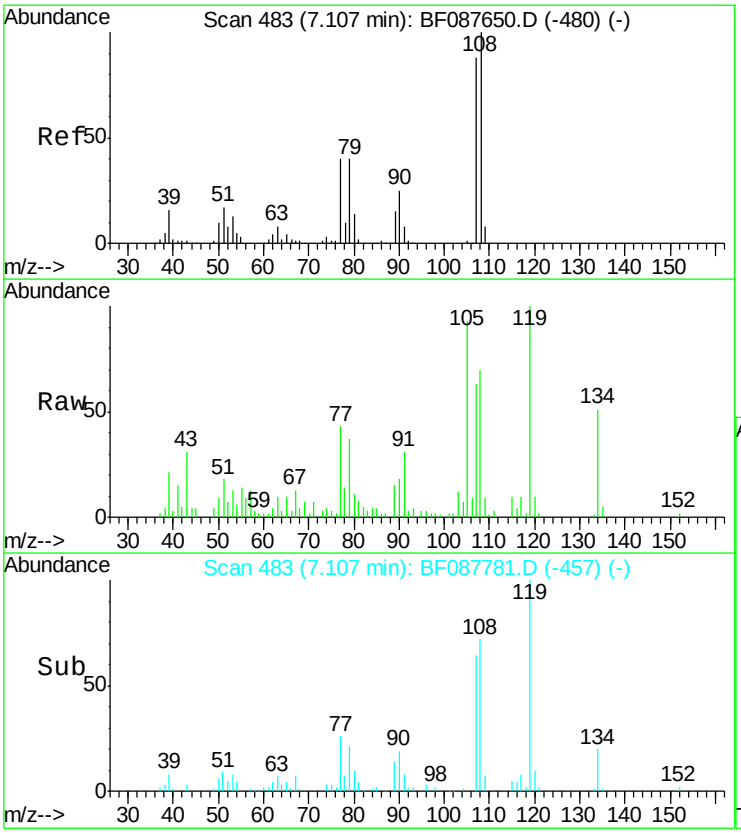
#15
Benzyl Alcohol
Concen: 2.87 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion: 79 Resp: 16019

Ion	Ratio	Lower	Upper
79	100		
108	32.7	65.0	97.6#
77	95.8	50.3	75.5#

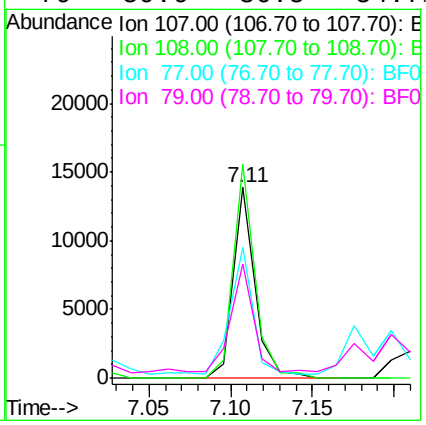


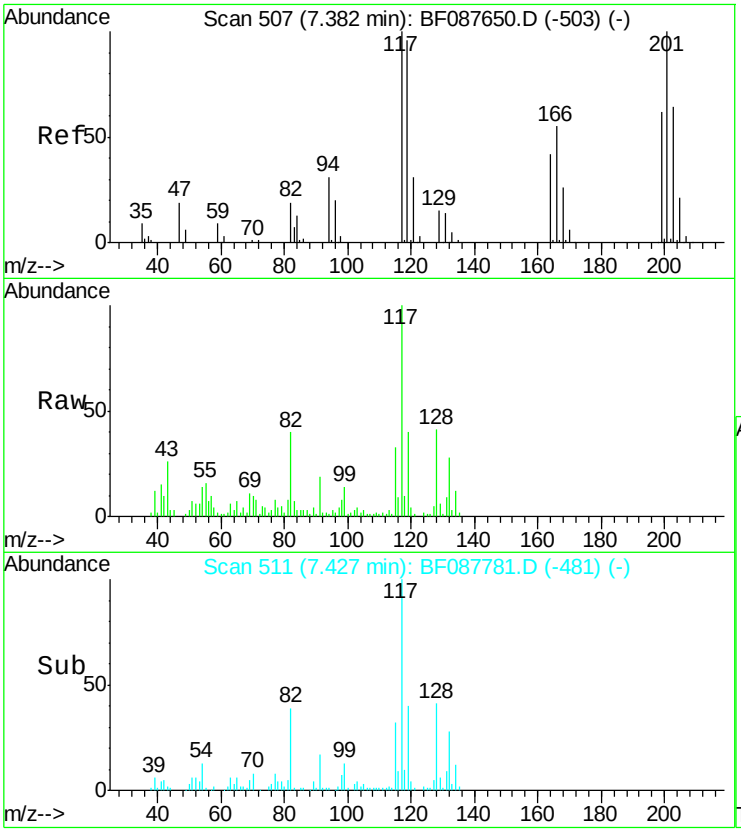


#17
2-Methylphenol
Concen: 2.27 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:107 Resp: 12617

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.9	136.3
77	68.5	36.6	55.0#
79	59.6	36.5	54.7#



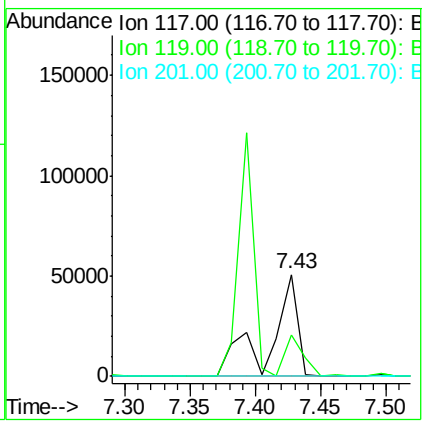


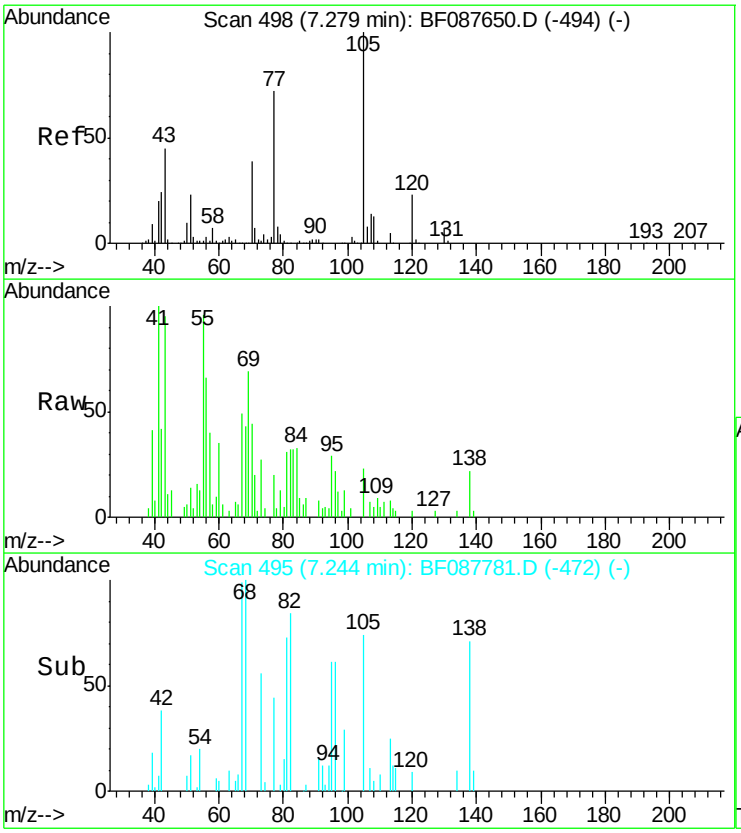
#18
Hexachloroethane
Concen: 28.86 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.05 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:117 Resp: 75225

Ion	Ratio	Lower	Upper
117	100		
119	40.4	77.4	116.2#
201	0.0	80.4	120.6#

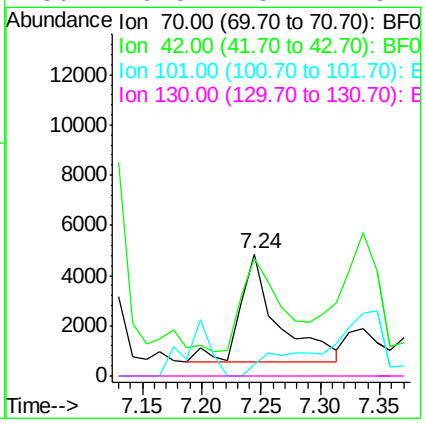


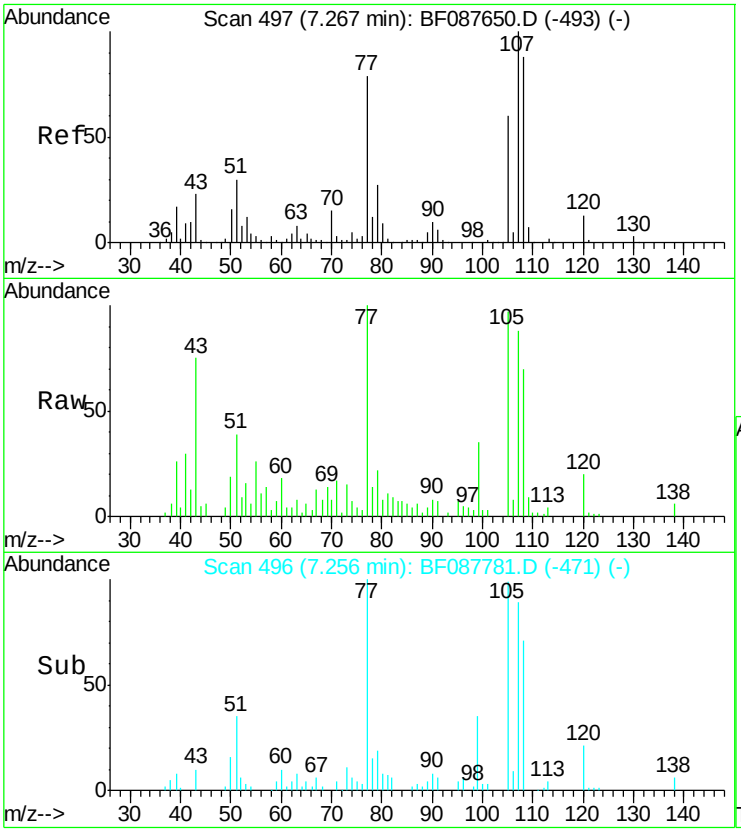


#19
n-Nitroso-di-n-propylamine
Concen: 2.03 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion: 70 Resp: 9591

Ion	Ratio	Lower	Upper
70	100		
42	96.4	49.6	74.4#
101	9.3	7.1	10.7
130	0.0	15.4	23.2#



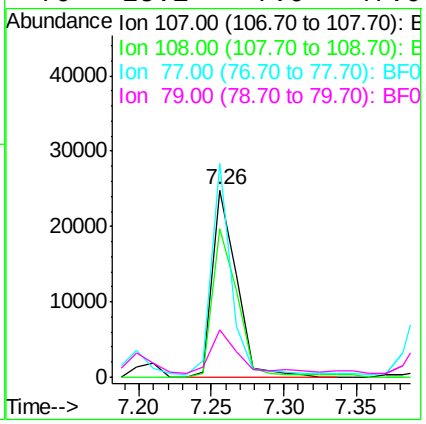


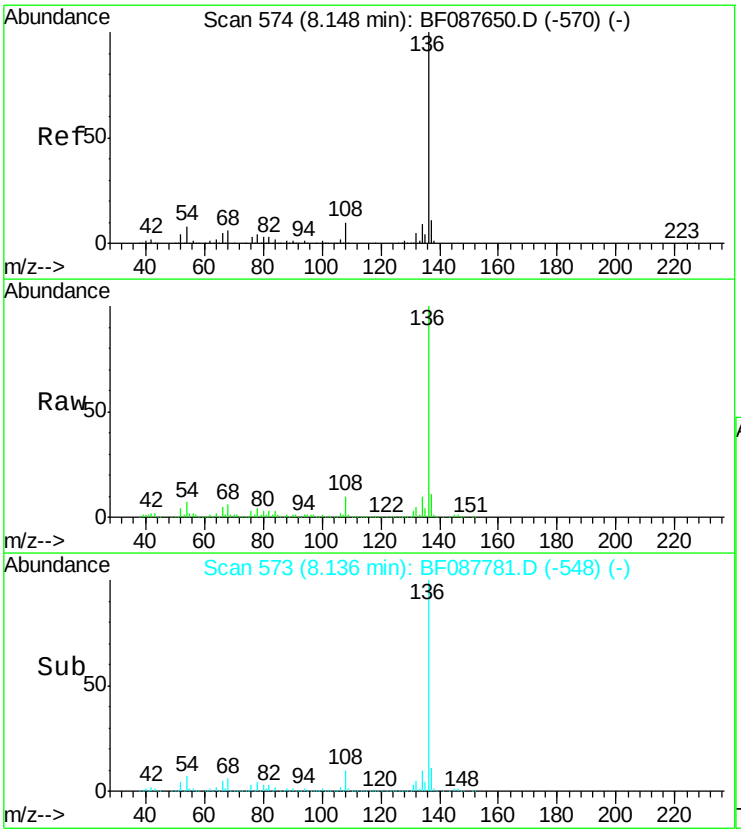
#20
3+4-Methylphenols
Concen: 4.22 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:107 Resp: 28816

Ion	Ratio	Lower	Upper
107	100		
108	79.8	67.8	107.8
77	114.2	59.3	99.3#
79	25.1	7.0	47.0

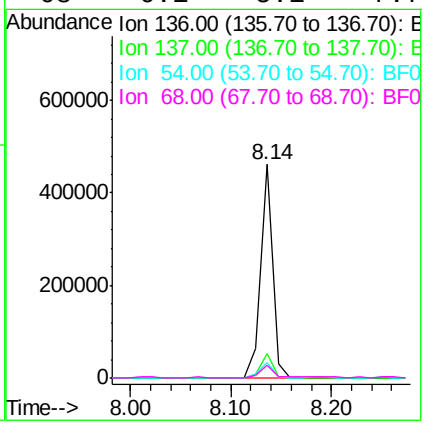


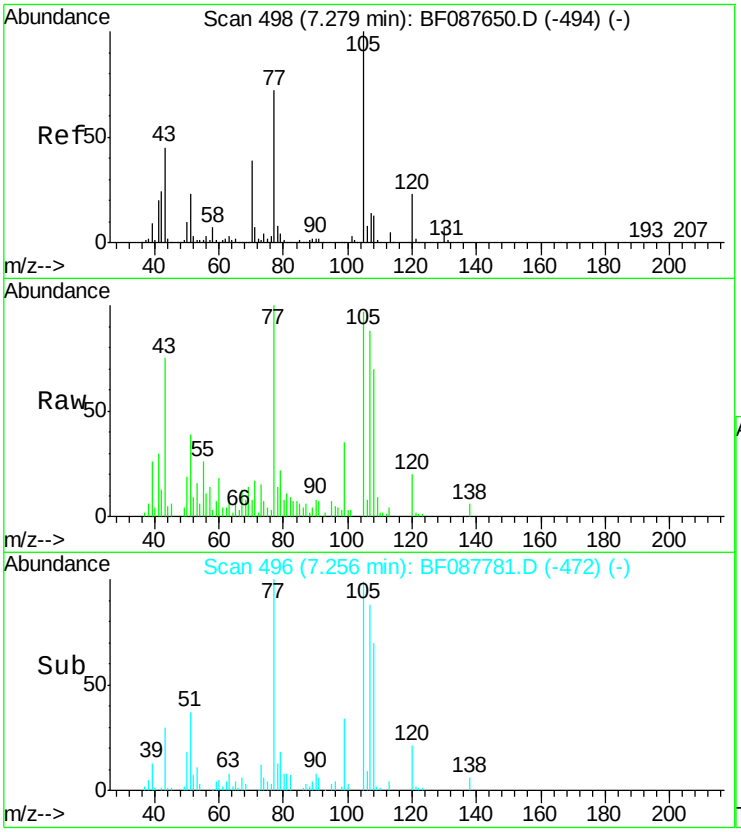


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:136 Resp: 383165

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.5	6.6	10.0
68	6.1	5.1	7.7



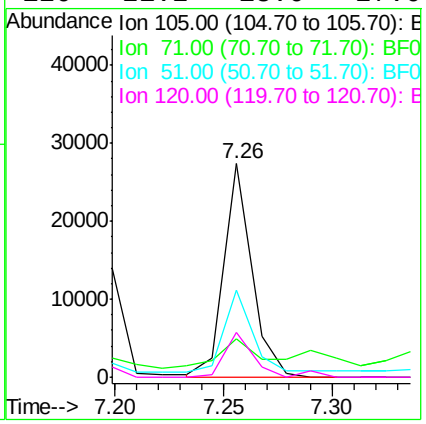


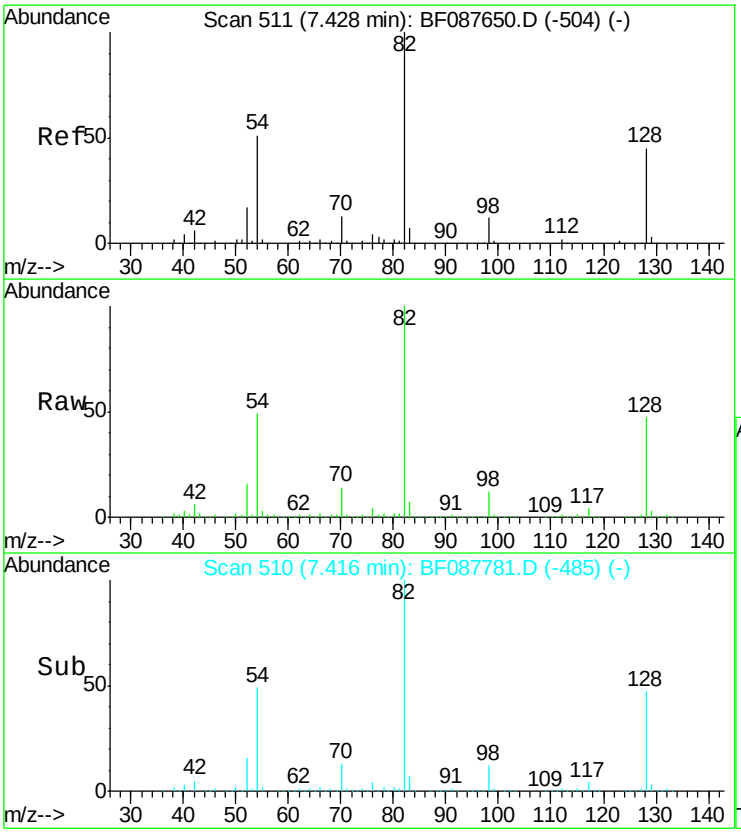
#22
Acetophenone
Concen: 2.83 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:105 Resp: 24544

Ion	Ratio	Lower	Upper
105	100		
71	18.1	5.3	7.9#
51	40.5	18.2	27.4#
120	21.2	18.0	27.0

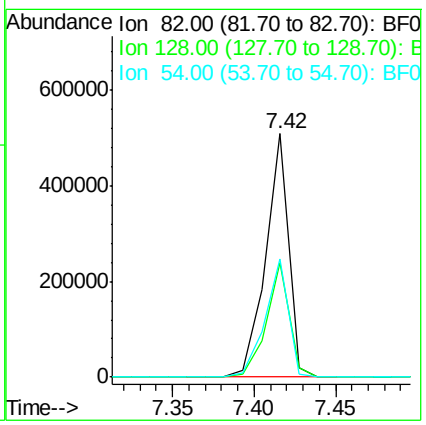


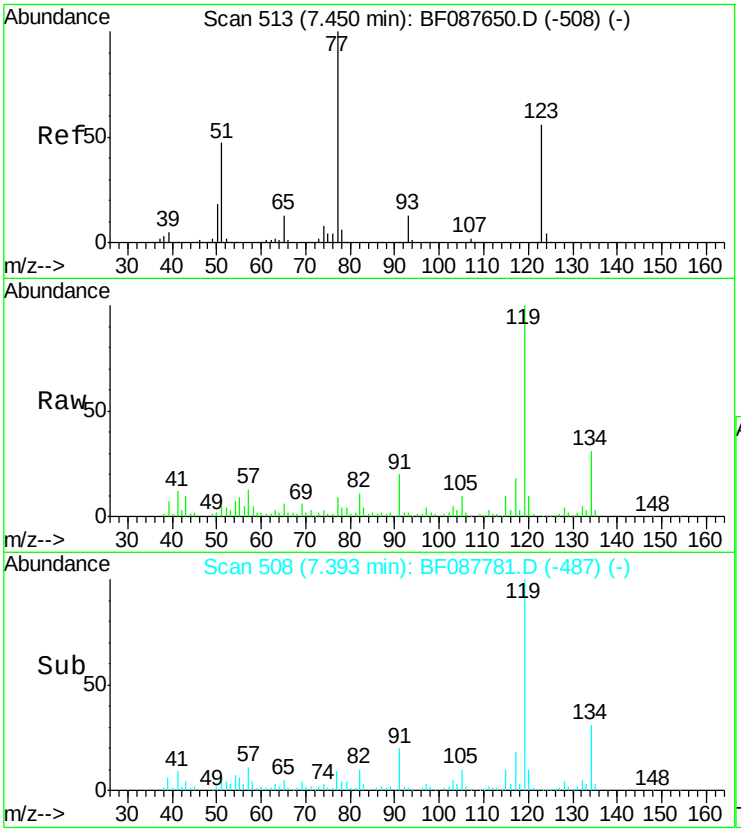


#23
Nitrobenzene-d5
Concen: 75.02 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion: 82 Resp: 496817

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.9	53.9
54	48.7	40.9	61.3



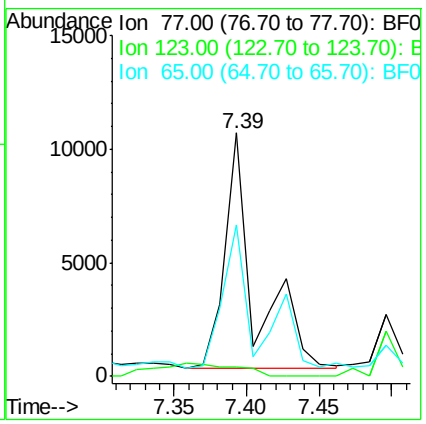


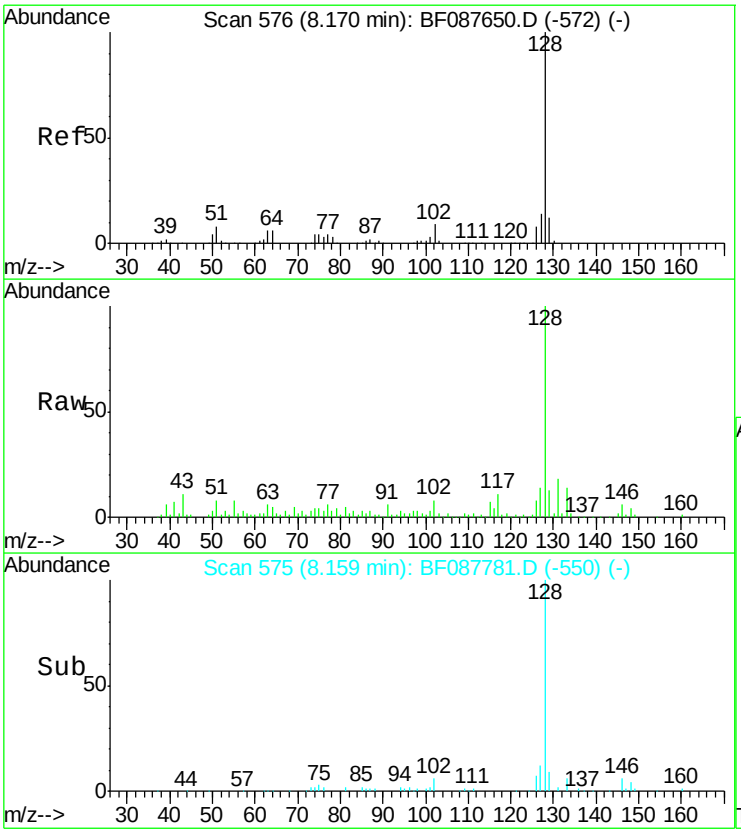
#24
Nitrobenzene
Concen: 2.27 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.06 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion: 77 Resp: 15039

Ion	Ratio	Lower	Upper
77	100		
123	3.6	45.0	67.4#
65	62.3	10.2	15.2#

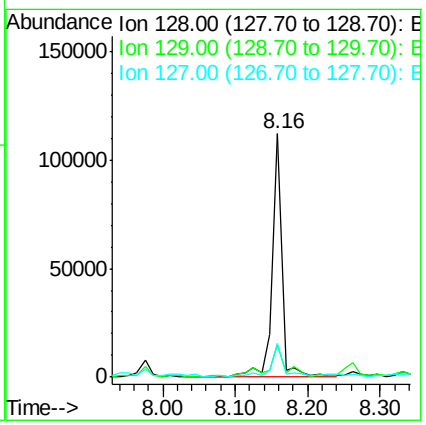


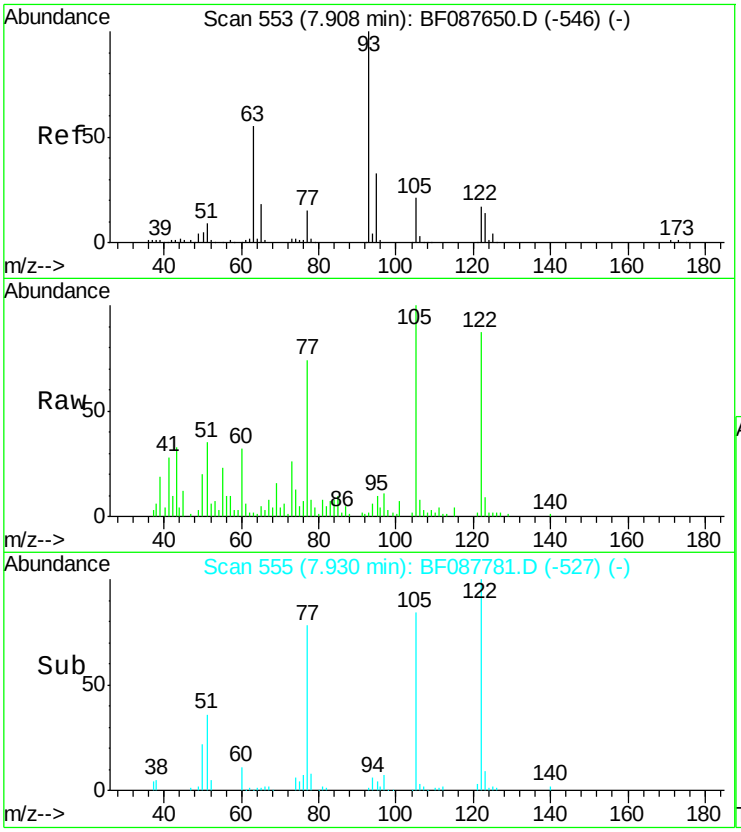


#31
Naphthalene
Concen: 5.71 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:128 Resp: 106331

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.2
127	13.9	10.9	16.3



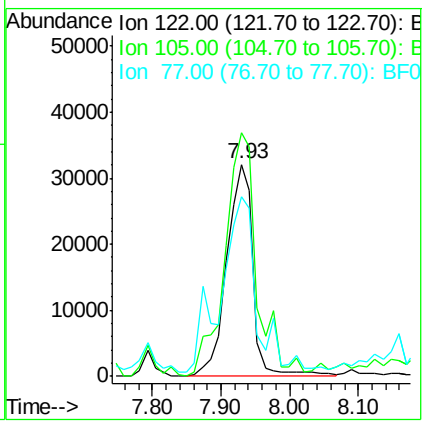


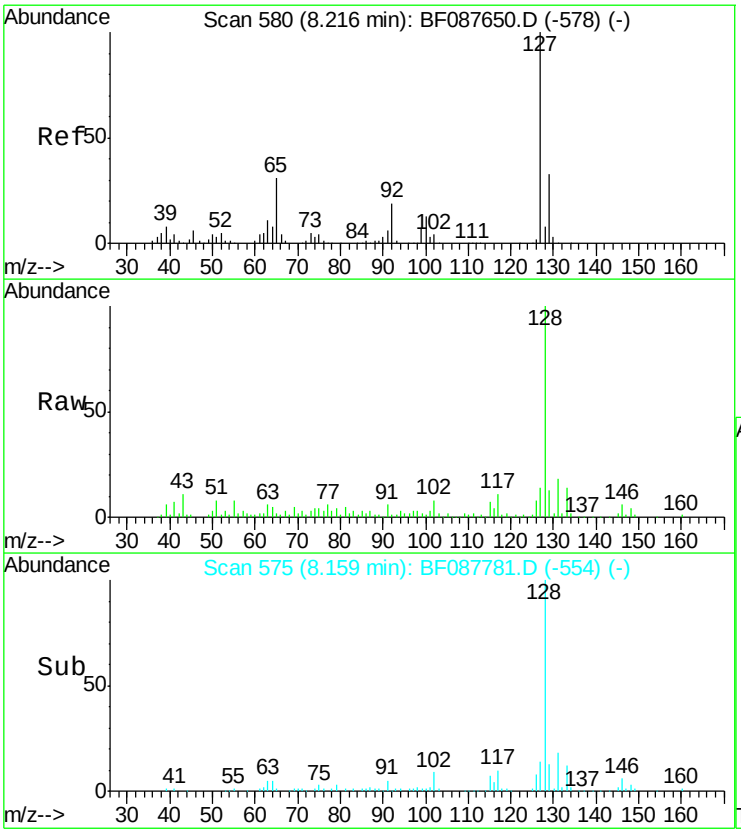
#32
Benzoic acid
Concen: 22.45 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:122 Resp: 86433

Ion	Ratio	Lower	Upper
122	100		
105	114.9	101.6	141.6
77	84.9	70.6	110.6

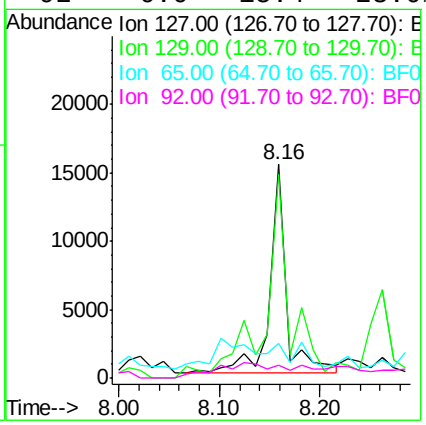


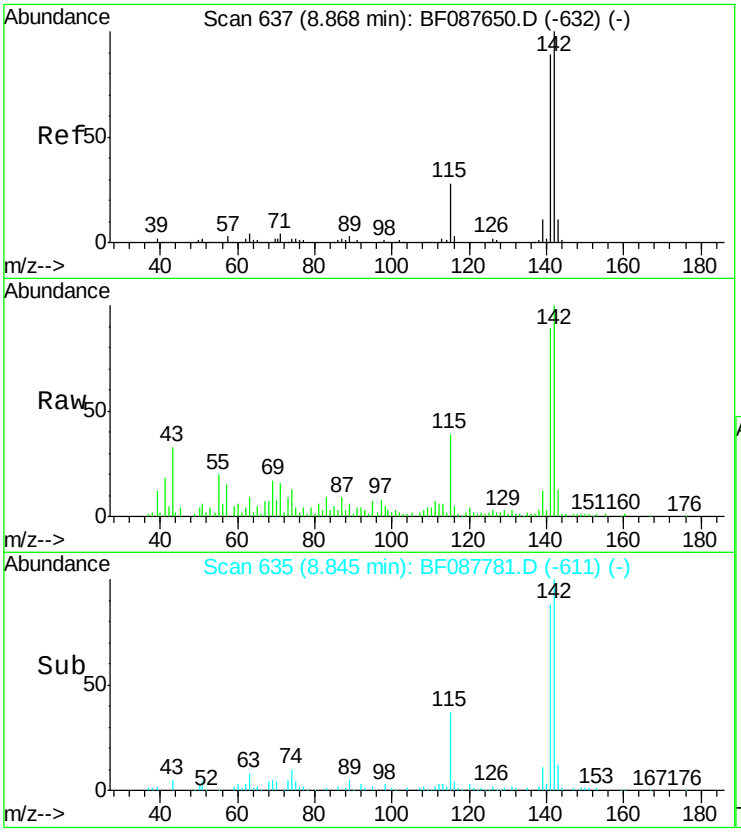


#33
4-Chloroaniline
Concen: 2.11 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.06 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:127 Resp: 17073

Ion	Ratio	Lower	Upper
127	100		
129	95.3	26.3	39.5#
65	15.9	24.7	37.1#
92	6.0	15.4	23.0#



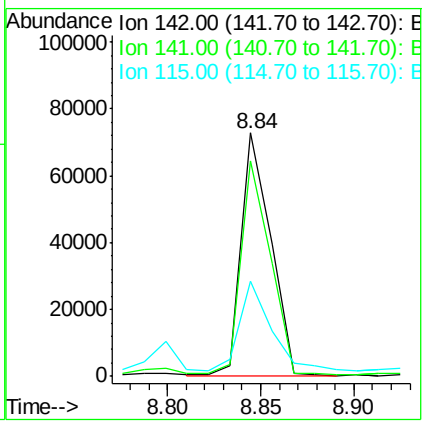


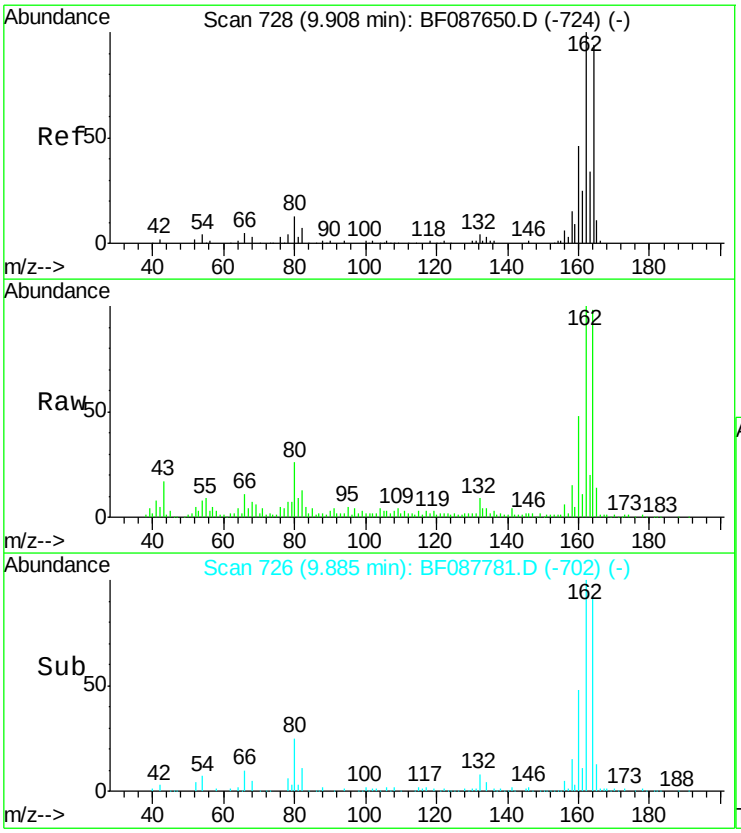
#37
2-Methylnaphthalene
Concen: 6.44 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:142 Resp: 79230

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	39.0	22.6	33.8#

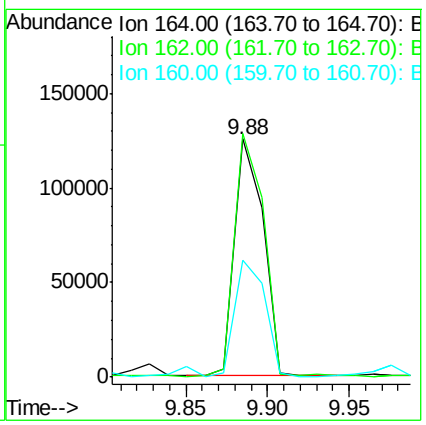


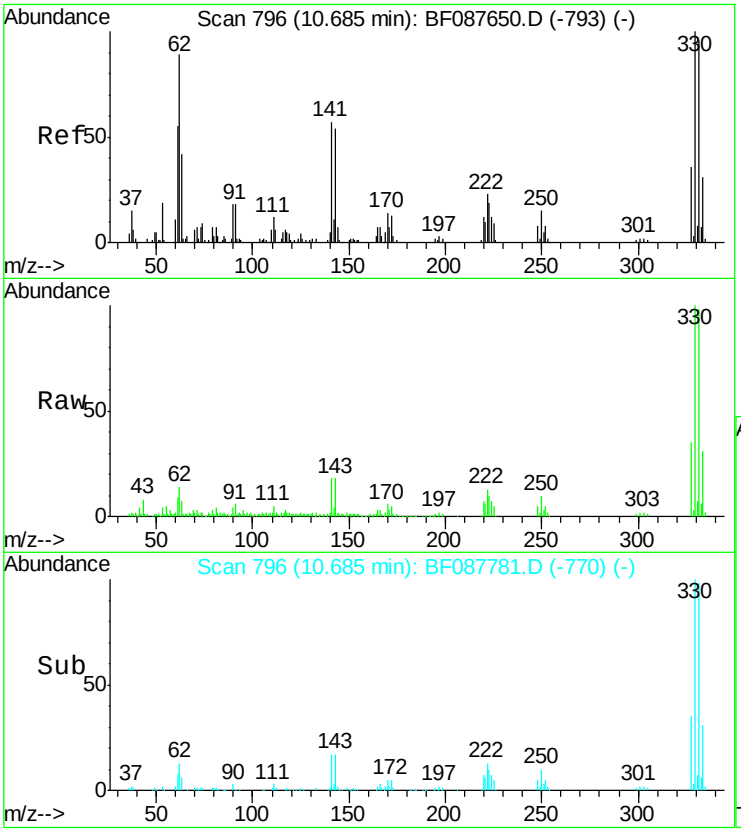


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:164 Resp: 150977

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.4	128.2
160	48.8	39.5	59.3



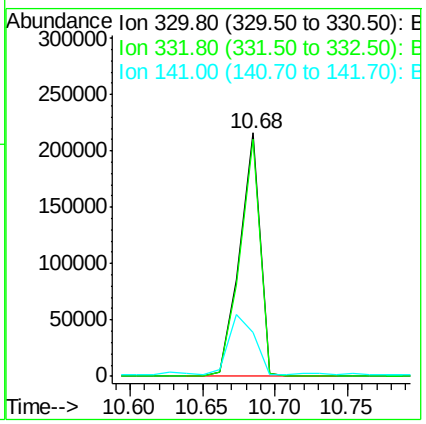


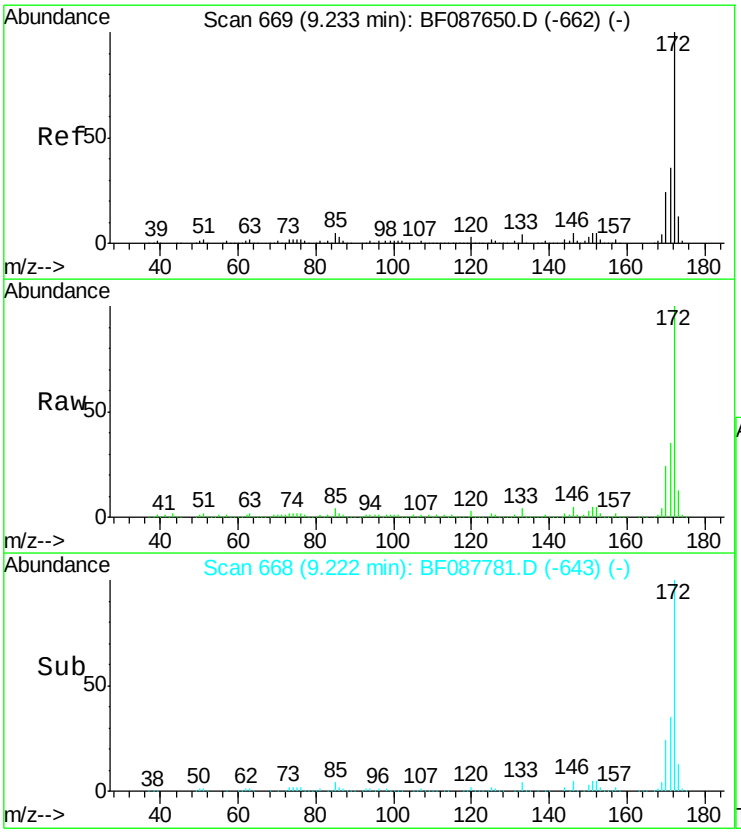
#41
2,4,6-Tribromophenol
Concen: 139.85 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:330 Resp: 211949

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	31.5	0.0	0.0#

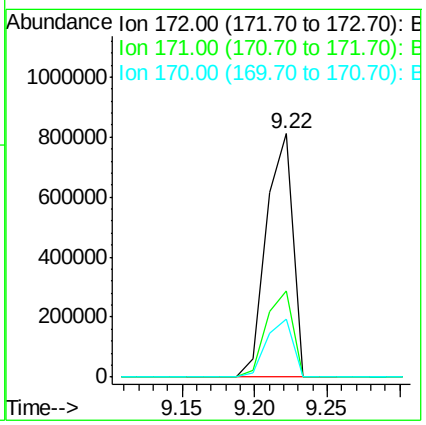


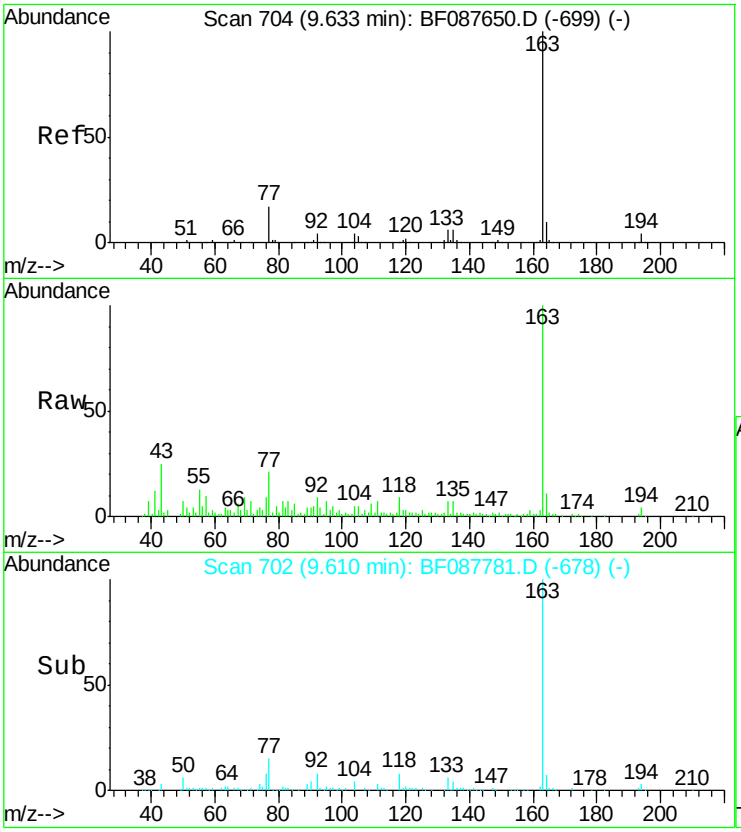


#44
2-Fluorobiphenyl
Concen: 120.62 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:172 Resp: 1024088

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.2	28.8



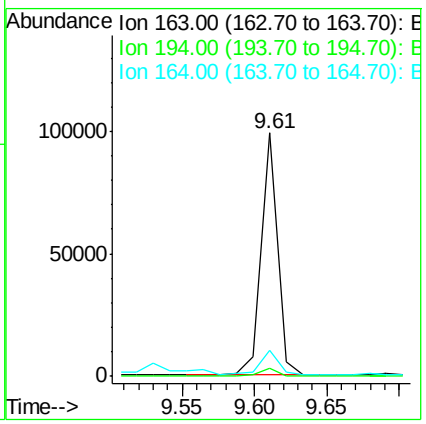


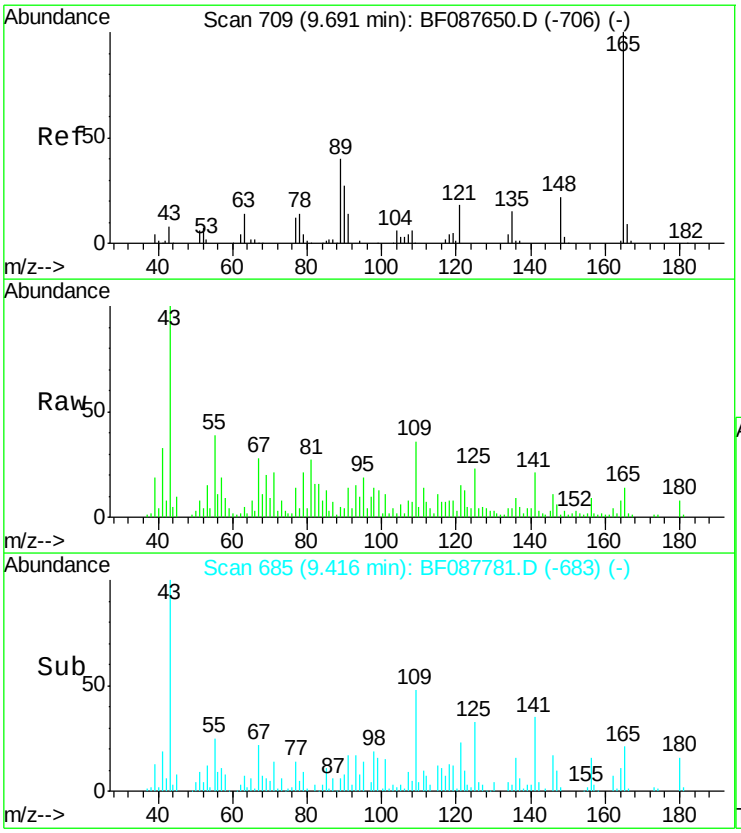
#49
Dimethylphthalate
Concen: 7.01 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:163 Resp: 76962

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.6	8.3	12.5

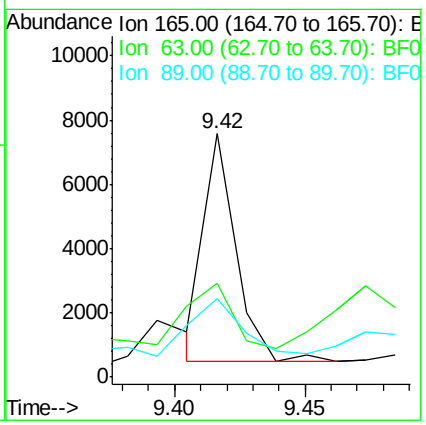


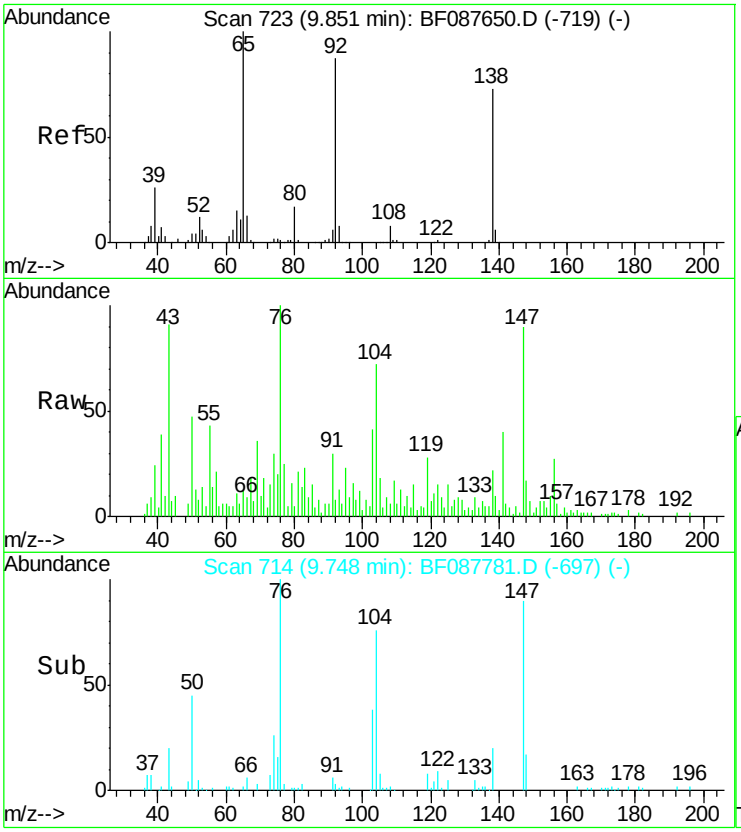


#50
2,6-Dinitrotoluene
Concen: 2.41 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.27 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:165 Resp: 6026

Ion	Ratio	Lower	Upper
165	100		
63	38.7	28.1	42.1
89	32.5	32.2	48.2



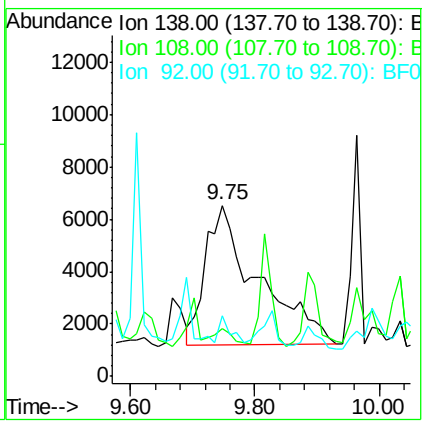


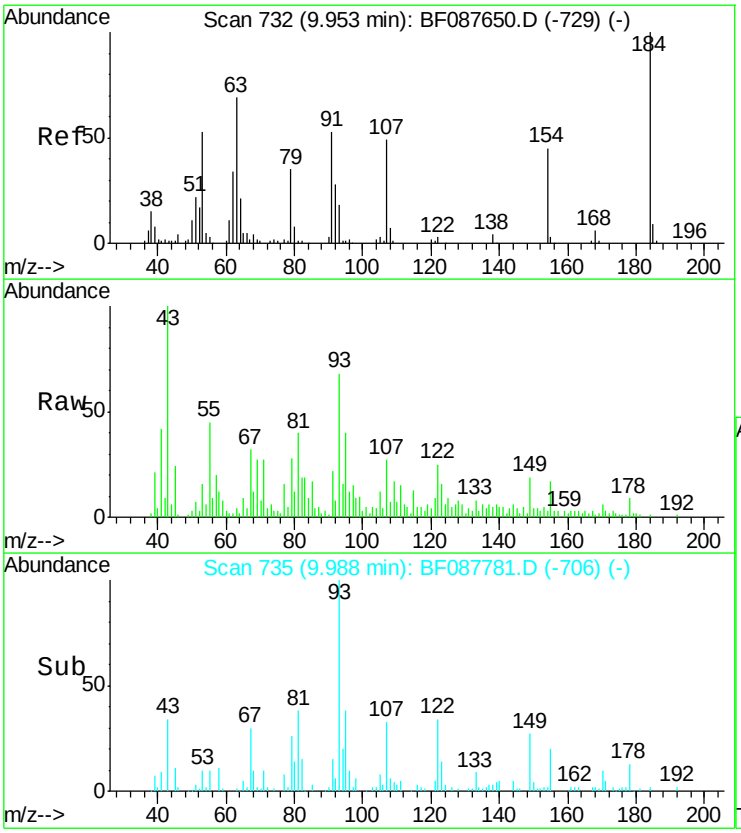
#52
3-Nitroaniline
Concen: 10.83 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.10 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:138 Resp: 30935

Ion	Ratio	Lower	Upper
138	100		
108	27.7	8.5	12.7#
92	35.4	95.7	143.5#

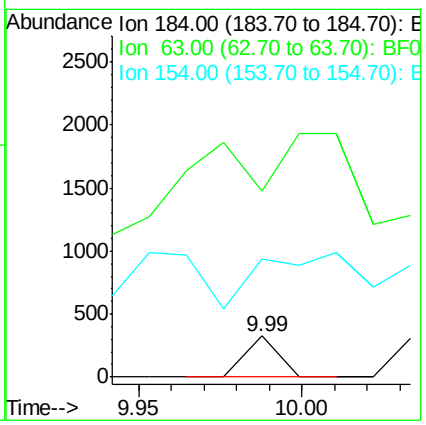


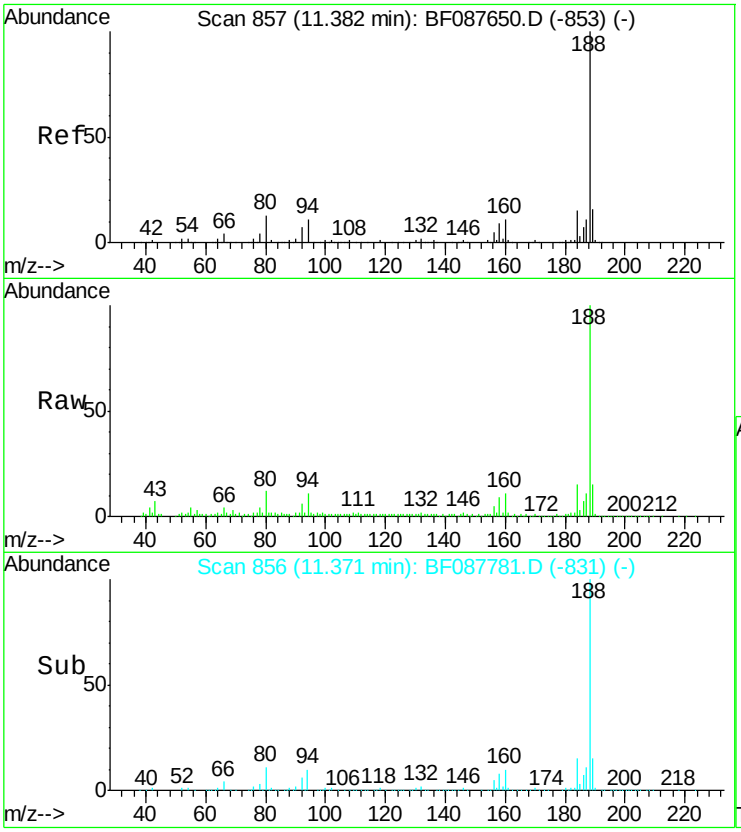


#53
2,4-Dinitrophenol
Concen: 4.06 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.03 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:184 Resp: 222

Ion	Ratio	Lower	Upper
184	100		
63	454.9	57.6	86.4#
154	289.5	53.5	80.3#



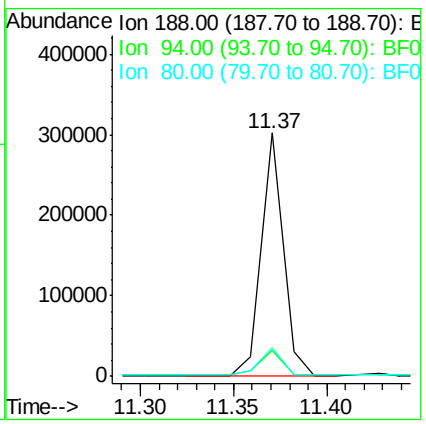


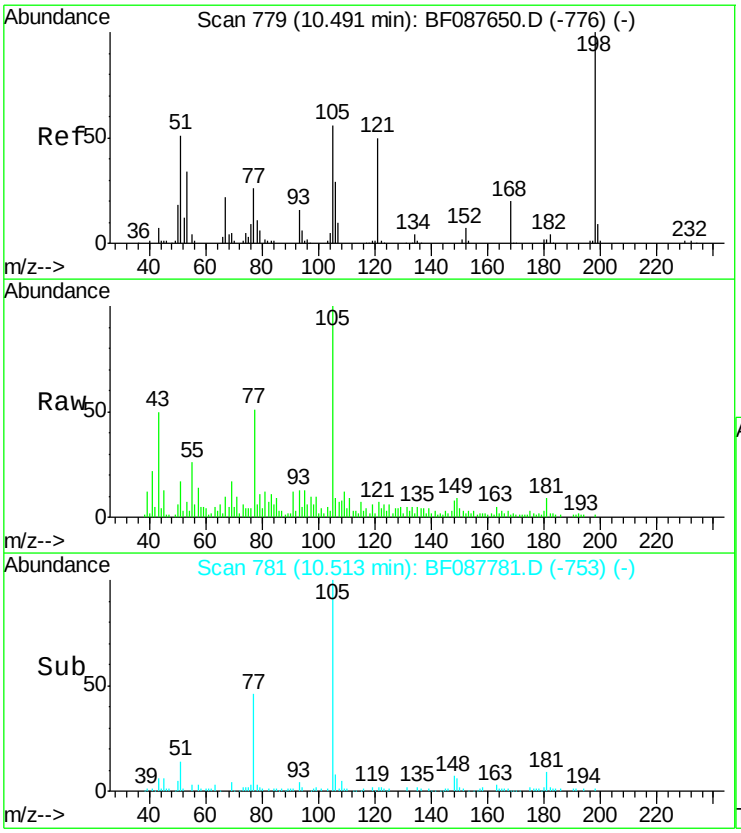
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:188 Resp: 244138

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	11.5	10.0	15.0

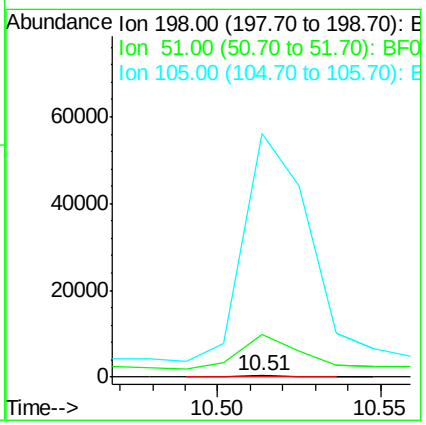


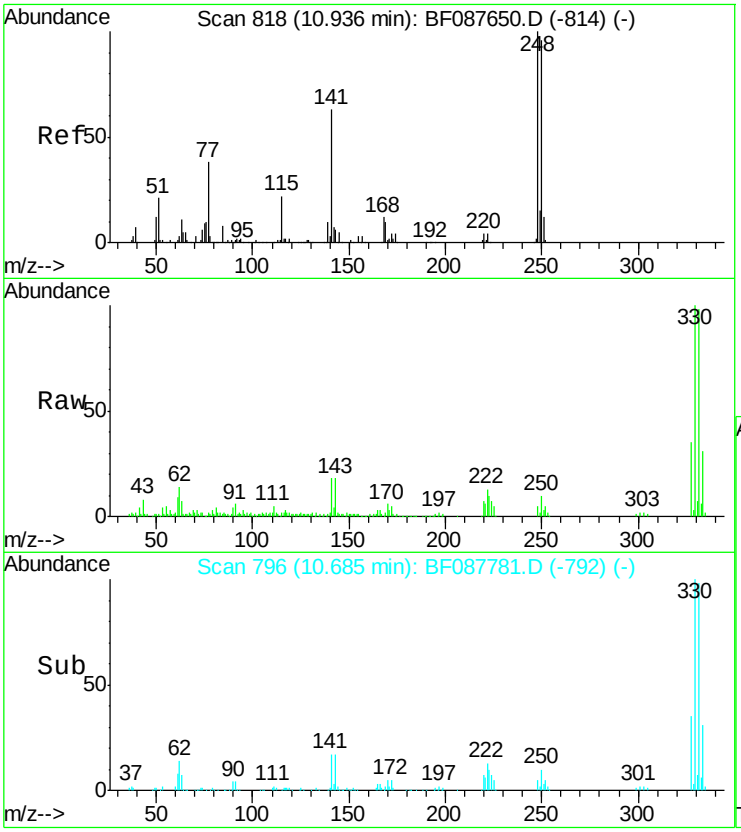


#64
4,6-Dinitro-2-methylphenol
Concen: 2.19 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:198 Resp: 249

Ion	Ratio	Lower	Upper
198	100		
51	2681.0	39.6	79.6#
105	15460.1	36.6	76.6#



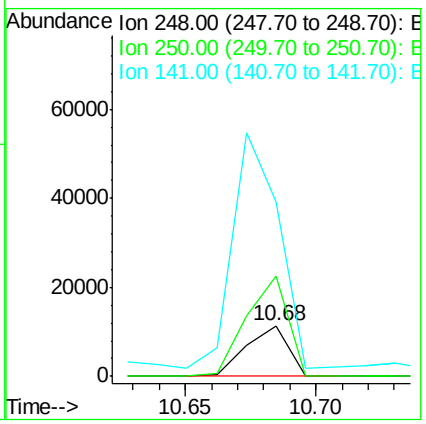


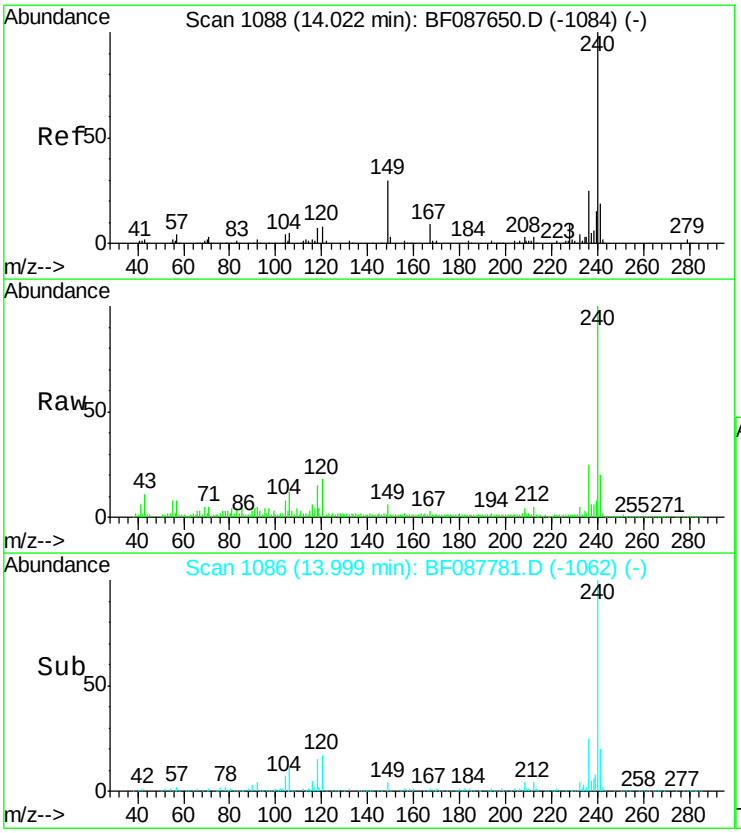
#66
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:248 Resp: 12874

Ion	Ratio	Lower	Upper
248	100		
250	198.3	77.1	115.7#
141	345.1	50.6	76.0#

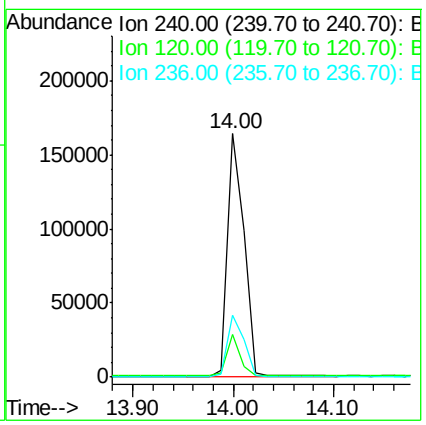


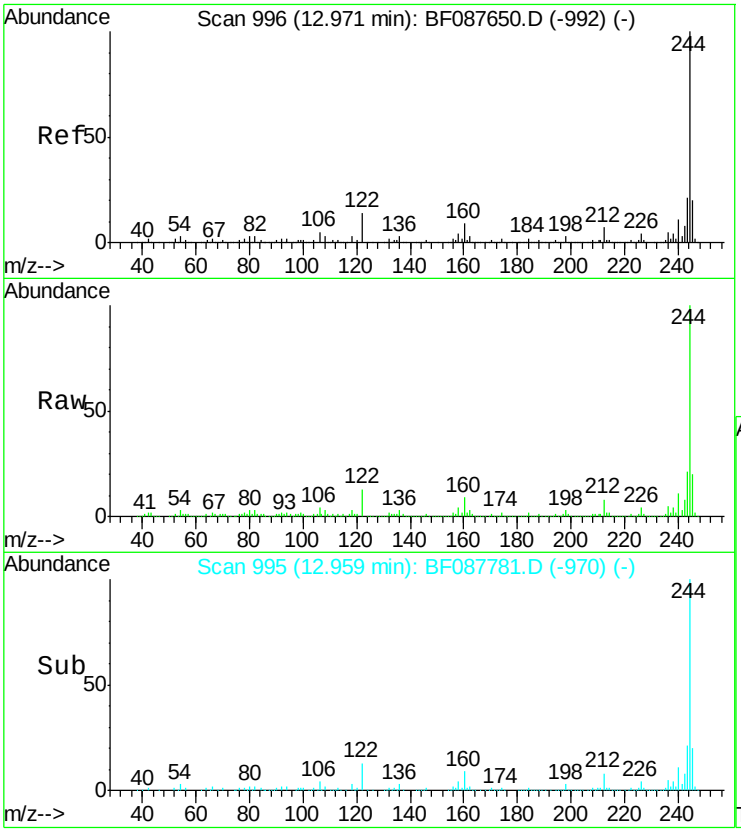


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:240 Resp: 185744

Ion	Ratio	Lower	Upper
240	100		
120	17.5	6.8	10.2#
236	25.4	20.2	30.2



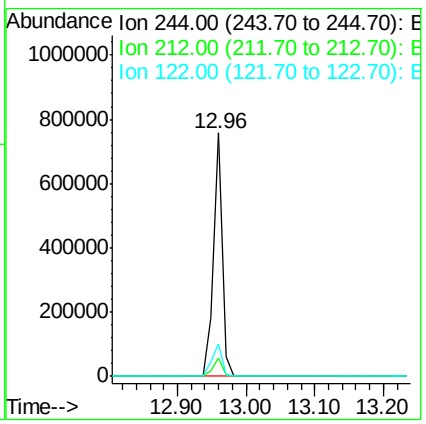


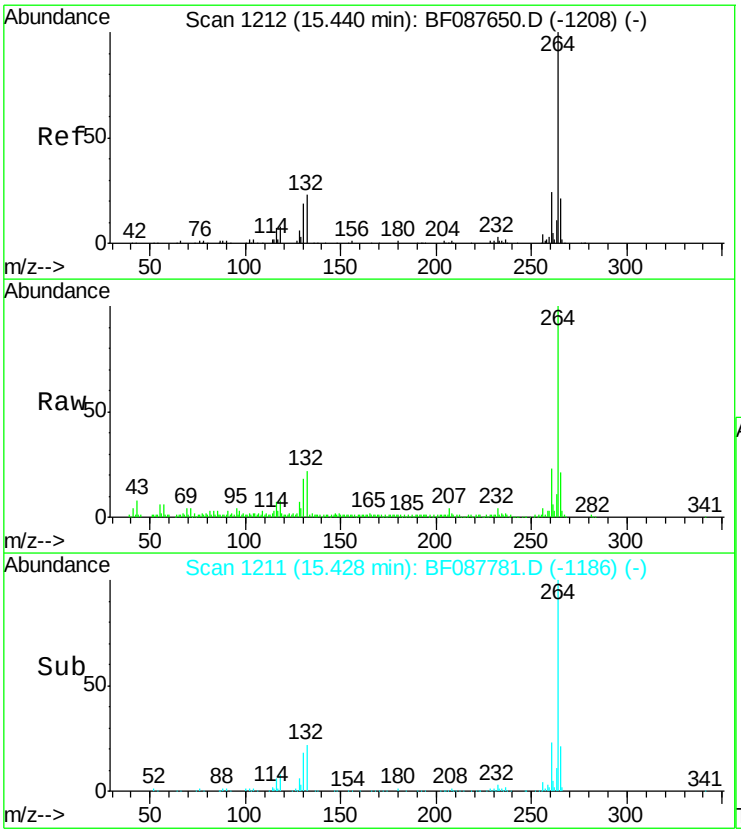
#78
Terphenyl-d14
Concen: 91.26 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:244 Resp: 694702

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.4	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: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:264 Resp: 149659

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3