Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087880.D
Acq On : 10 Jun 2016 17:54
Operator : UM/SJ
Sample : H3385-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0980

Quant Time: Jun 10 18:42:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112496	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	444109	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	171921	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	271834	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	250531	20.00	ng		-0.03
86) Perylene-d12	15.36	264	204230	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	390070	59.28	ng		-0.02
7) Phenol-d6	6.44	99	302047	37.87	ng		-0.03
23) Nitrobenzene-d5	7.38	82	704865	92.68	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	217285	119.70	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1050426	96.75	ng		-0.03
78) Terphenyl-d14	12.91	244	826217	75.04	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	1884	Below Cal			98
12) 1,3-Dichlorobenzene	6.83	146	80531	9.64	ng	#	92
13) 1,4-Dichlorobenzene	6.83	146	80531	9.57	ng		95
14) 1,2-Dichlorobenzene	6.83	146	80531	10.52	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	96163	18.85	ng	#	72
31) Naphthalene	8.12	128	78815	3.59	ng		97
45) 1,1'-Biphenyl	9.27	154	4912	Below Cal			93
49) Dimethylphthalate	9.56	163	26507	2.13	ng		100
50) 2,6-Dinitrotoluene	9.85	165	22236	7.80	ng	#	40
56) 2,4-Dinitrotoluene	9.85	165	22236	6.07	ng	#	38
57) Fluorene	10.39	166	3755	Below Cal		#	93
59) Diethylphthalate	10.26	149	46497	3.69	ng		96
64) 4,6-Dinitro-2-methylphenol	10.64	198	549	2.47	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	14533	4.98	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087880.D
Acq On : 10 Jun 2016 17:54
Operator : UM/SJ
Sample : H3385-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Quant Time: Jun 10 18:42:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
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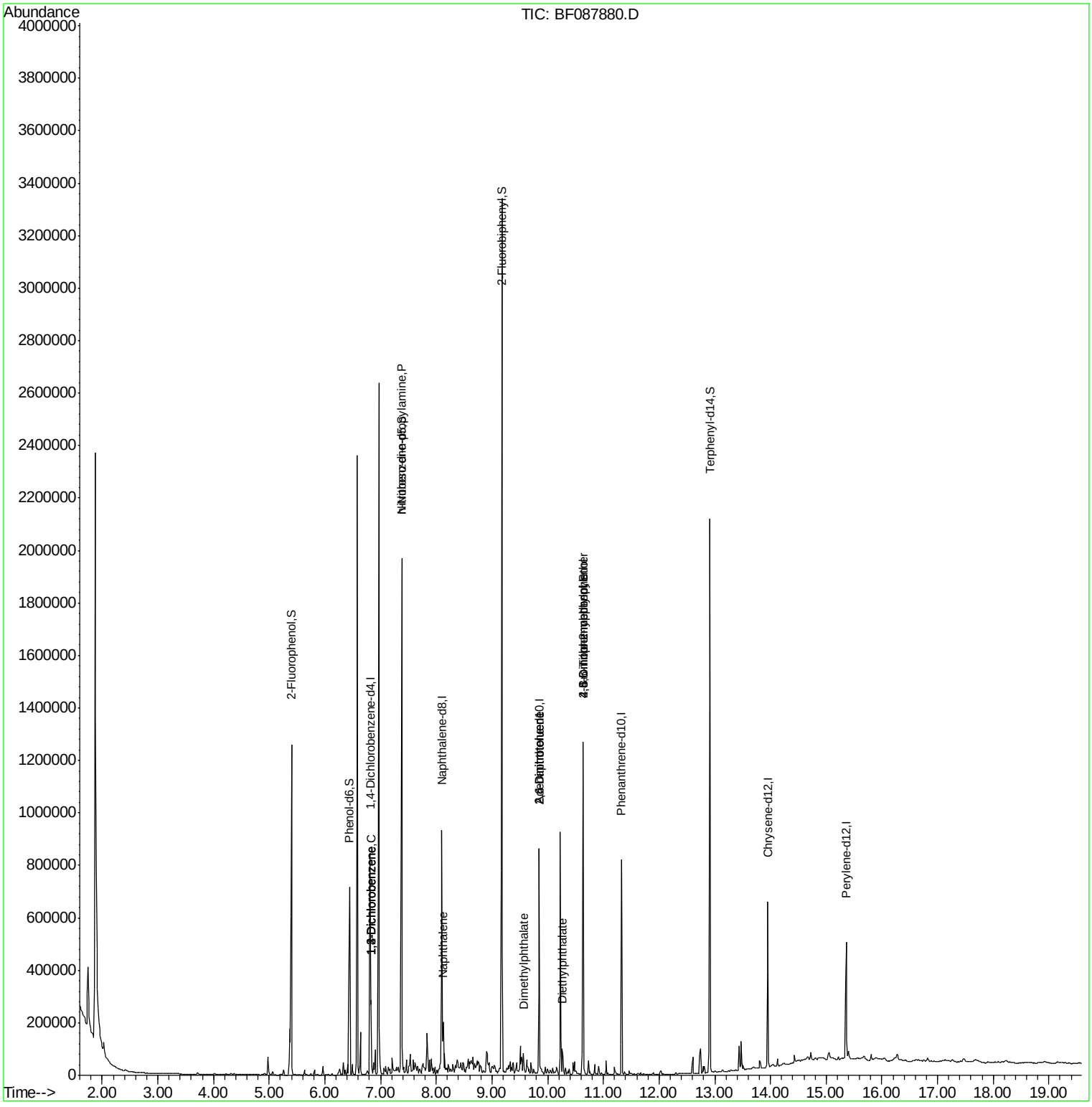
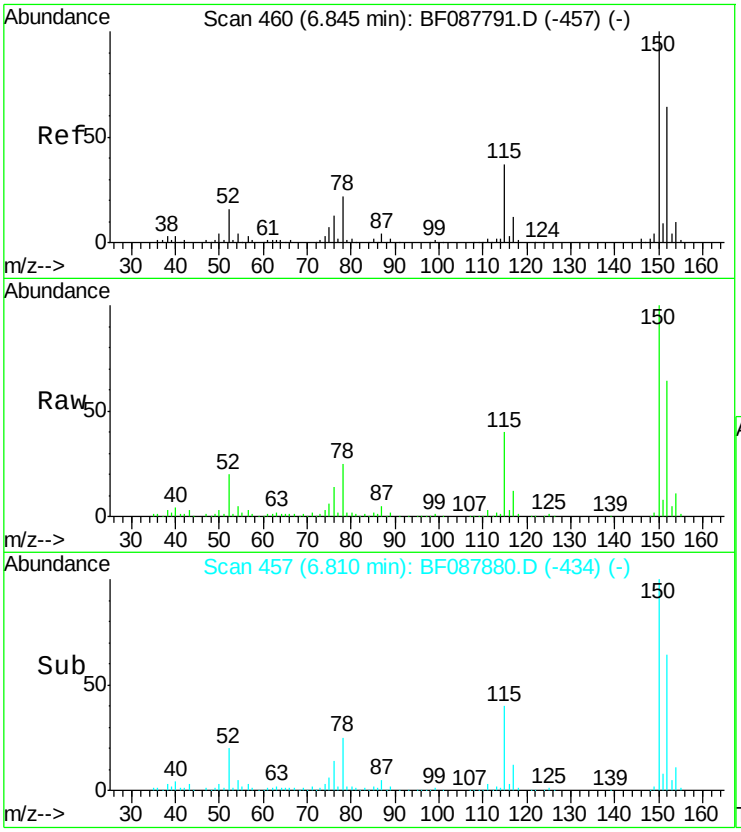


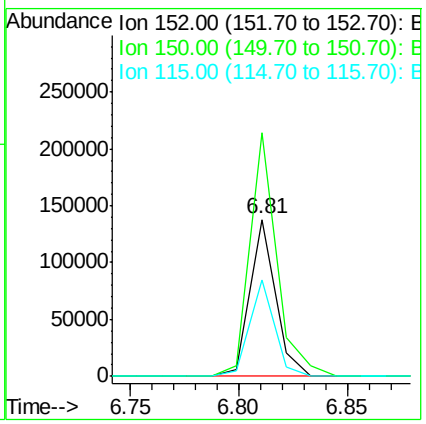


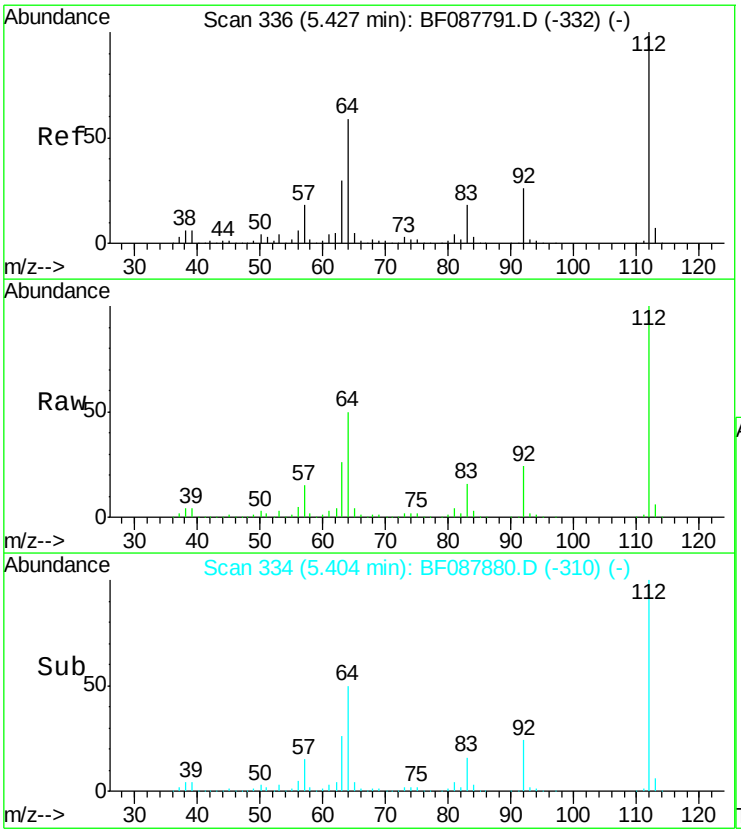
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:152 Resp: 112496

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	61.6	39.6	59.4#

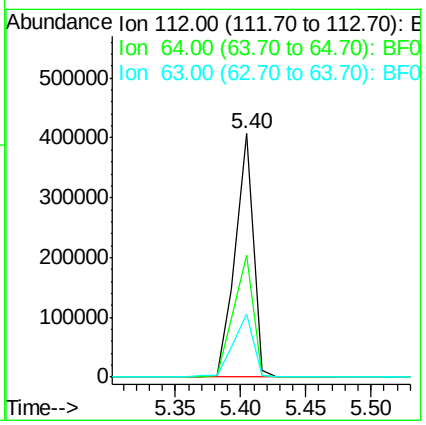


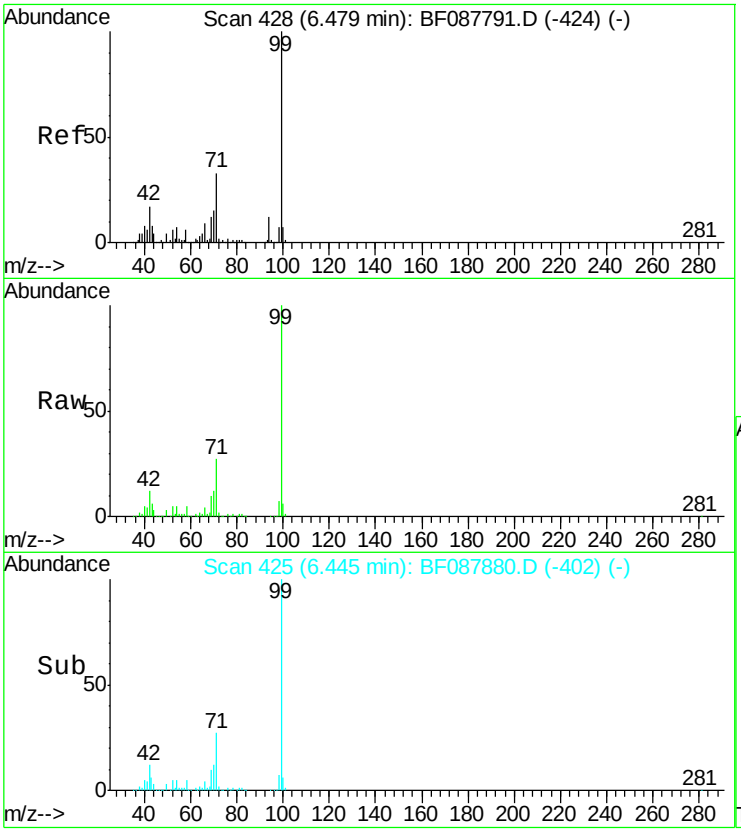


#5
2-Fluorophenol
Concen: 59.28 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:112 Resp: 390070

Ion	Ratio	Lower	Upper
112	100		
64	50.3	42.2	63.2
63	25.9	21.8	32.8



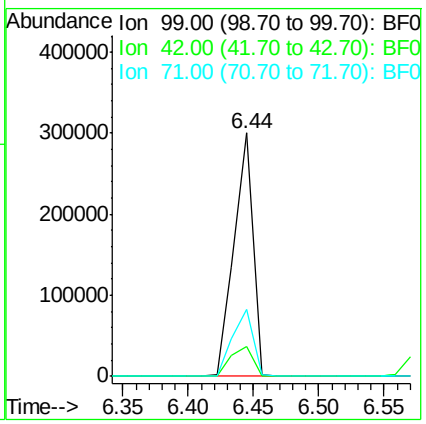


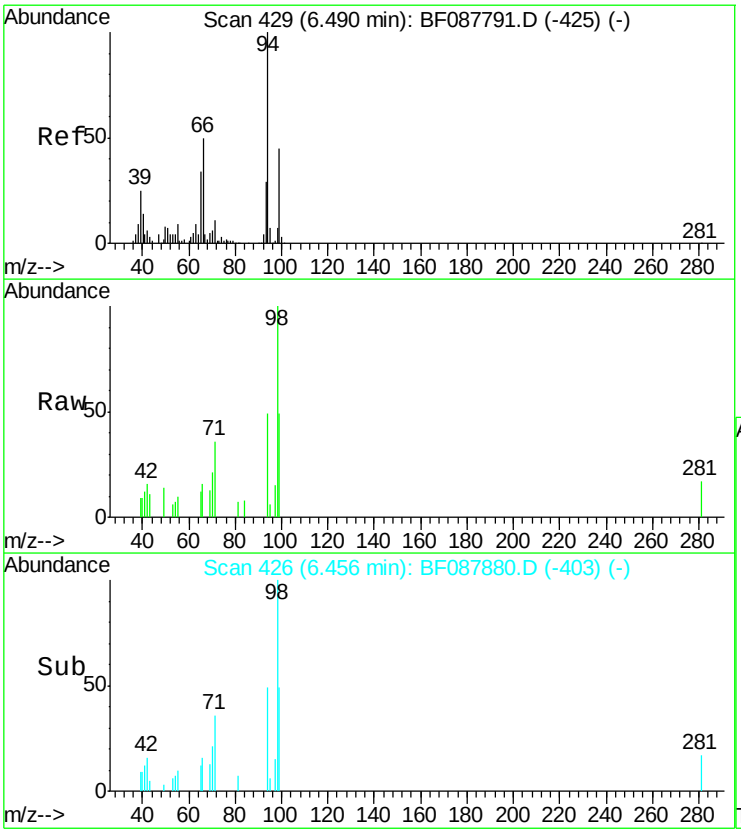
#7
Phenol-d6
Concen: 37.87 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion: 99 Resp: 302047

Ion	Ratio	Lower	Upper
99	100		
42	12.3	12.2	18.2
71	27.3	23.4	35.0

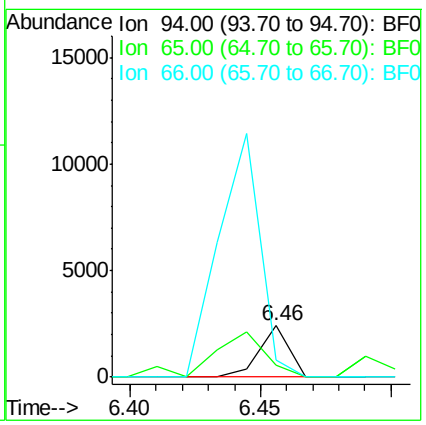


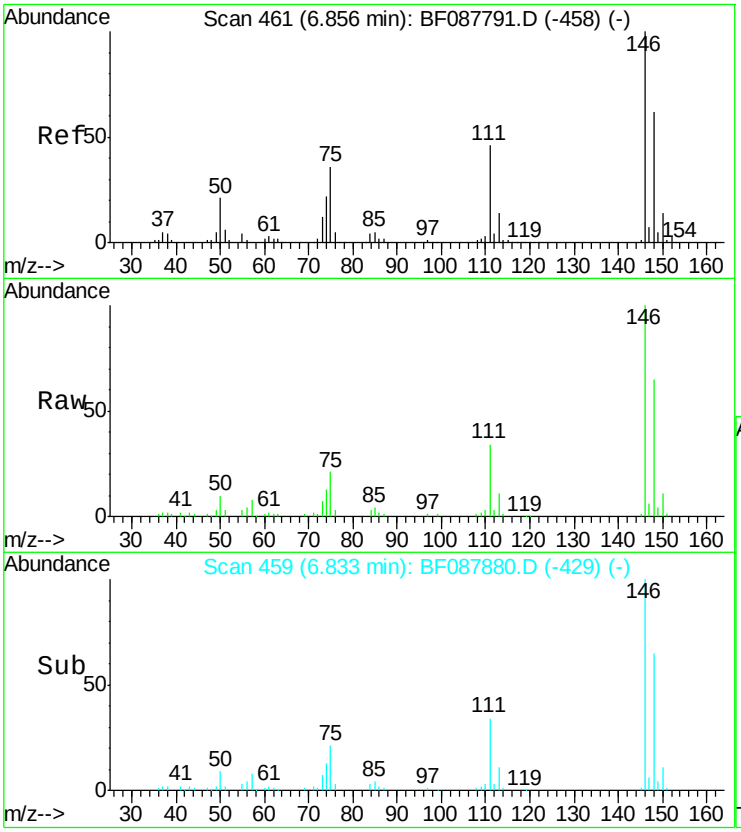


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion: 94 Resp: 1884

Ion	Ratio	Lower	Upper
94	100		
65	24.6	5.9	45.9
66	33.6	14.0	54.0



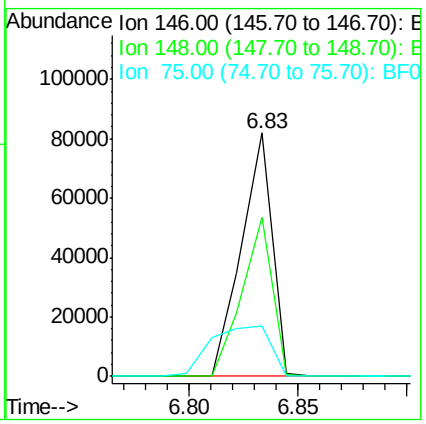


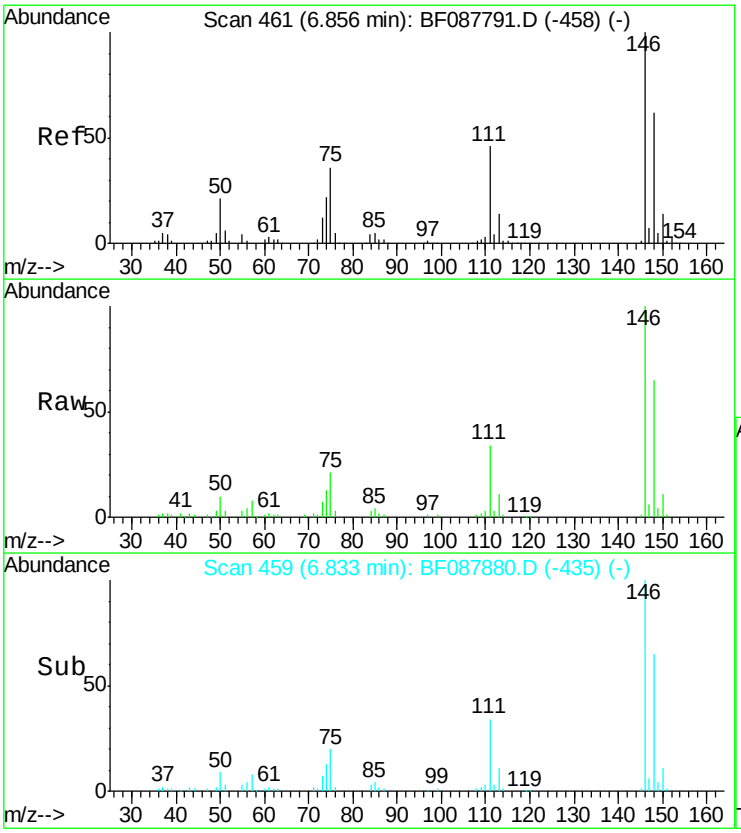
#12
1,3-Dichlorobenzene
Concen: 9.64 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.05 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:146 Resp: 80531

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
75	20.8	25.6	38.4#

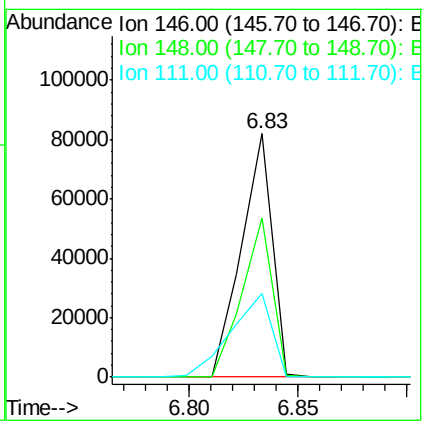


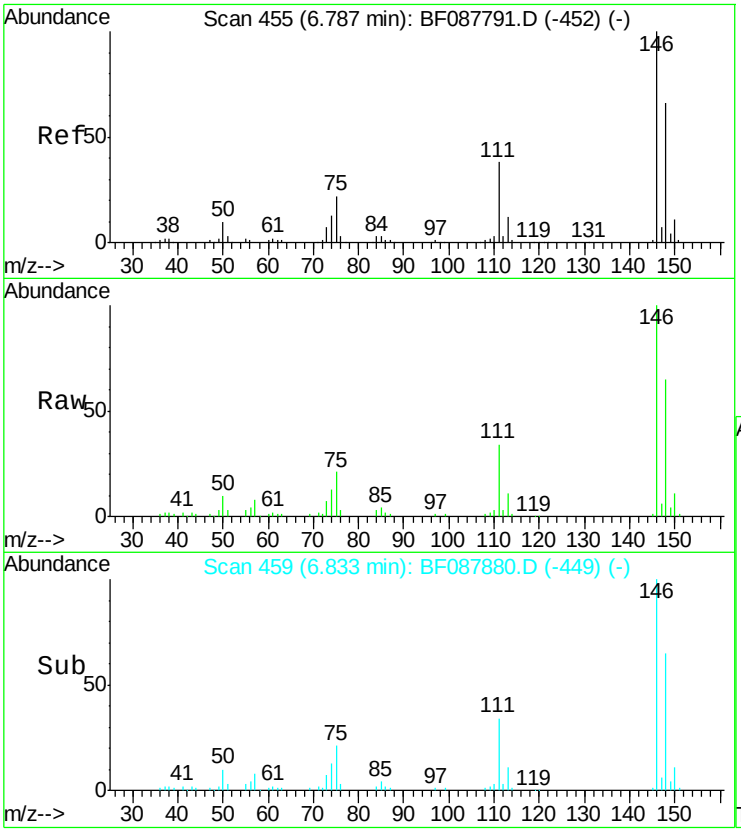


#13
1,4-Dichlorobenzene
Concen: 9.57 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:146 Resp: 80531

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.0	78.0
111	34.5	33.8	50.8



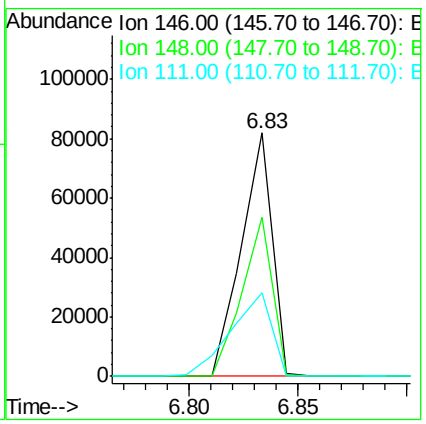


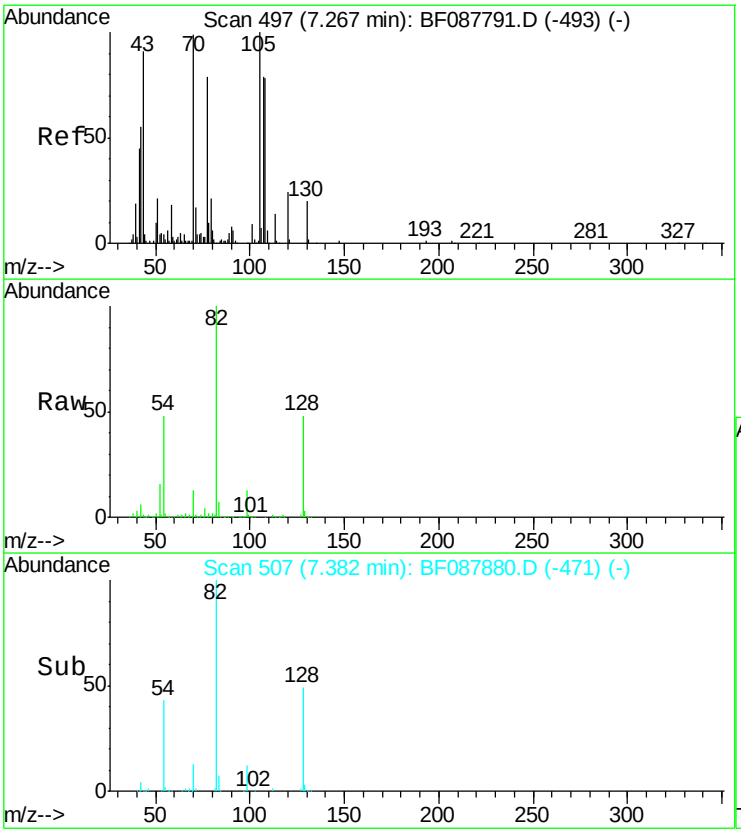
#14
1,2-Dichlorobenzene
Concen: 10.52 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.18 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:146 Resp: 80531

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
111	34.5	28.7	43.1

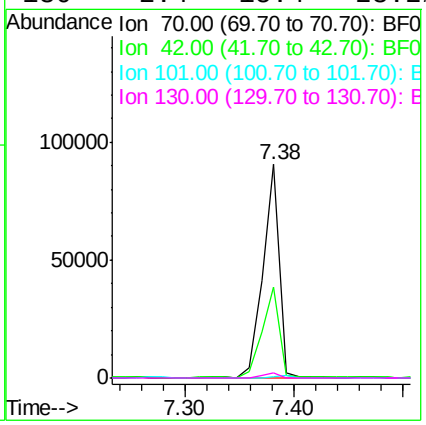


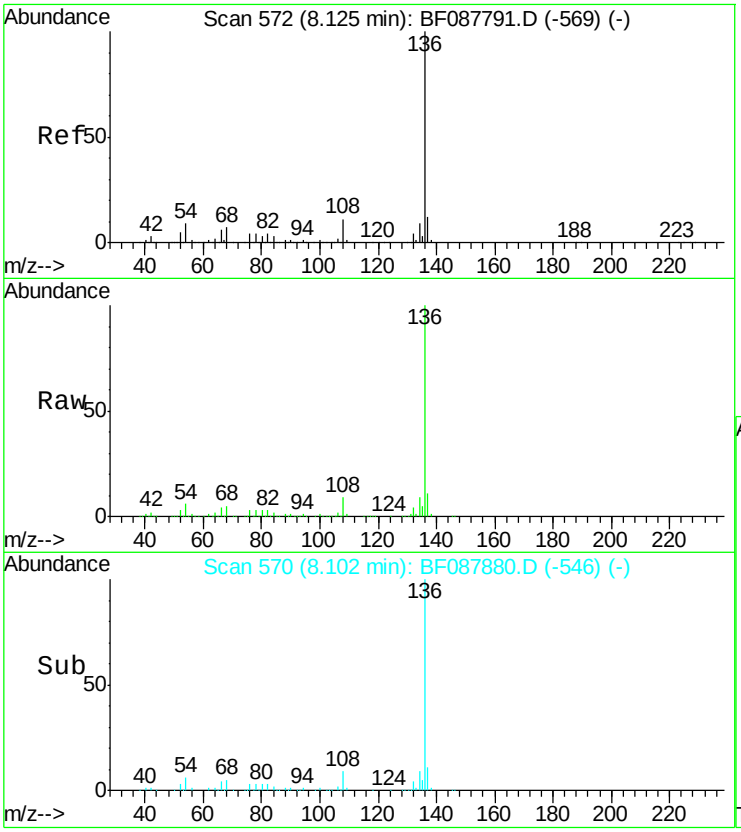


#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion: 70 Resp: 96163

Ion	Ratio	Lower	Upper
70	100		
42	42.6	49.6	74.4#
101	0.4	7.1	10.7#
130	2.4	15.4	23.2#



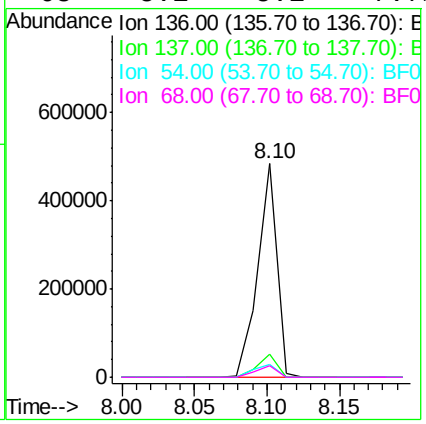


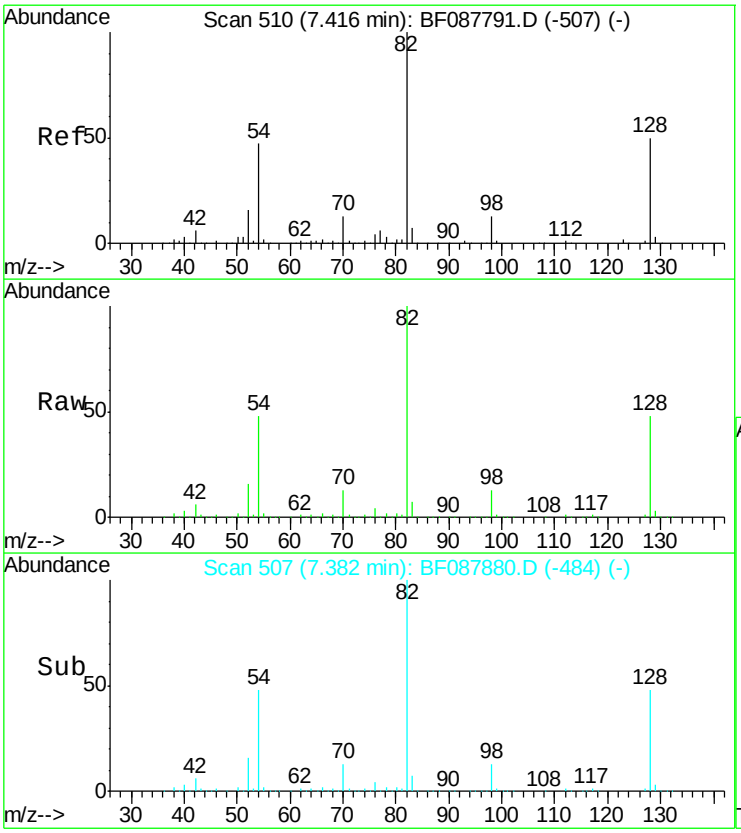
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:136 Resp: 444109

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	6.6	10.0#
68	5.1	5.1	7.7#

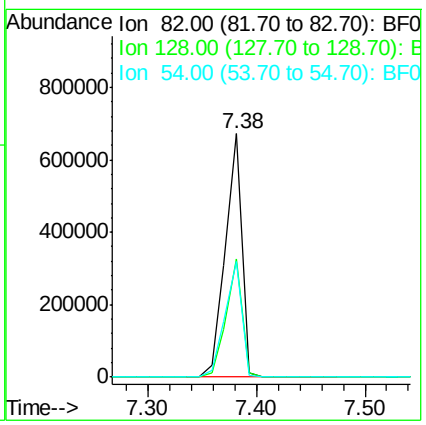


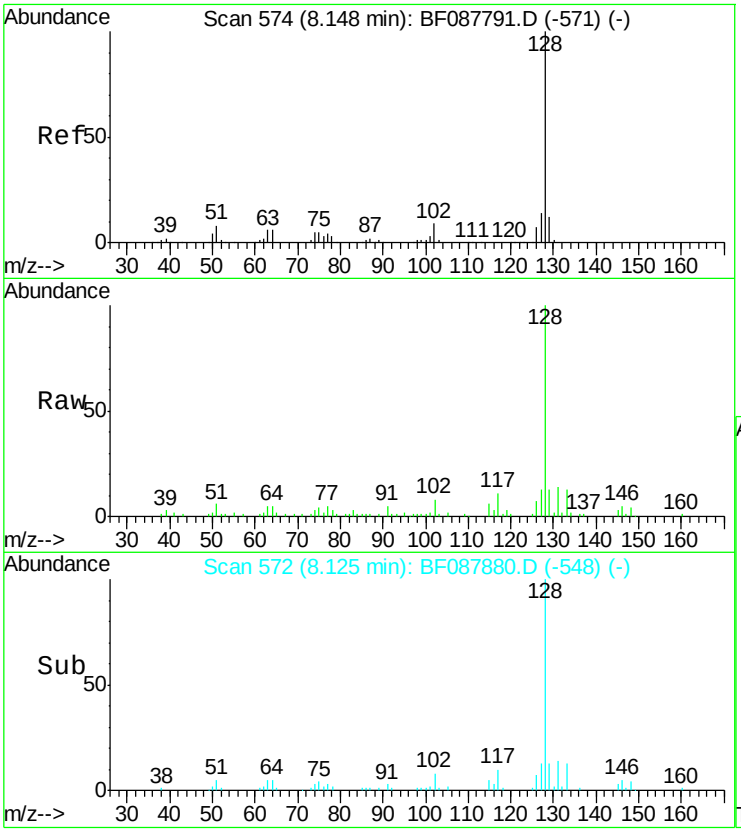


#23
Nitrobenzene-d5
Concen: 92.68 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion: 82 Resp: 704865

Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.9	53.9
54	47.6	40.9	61.3



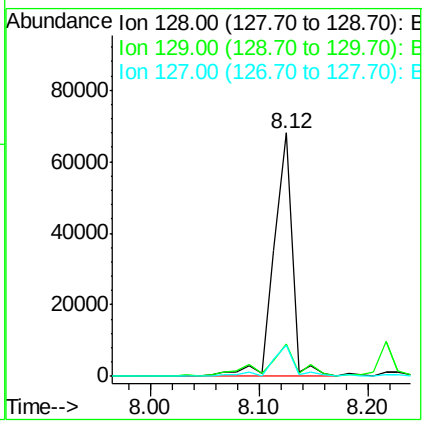


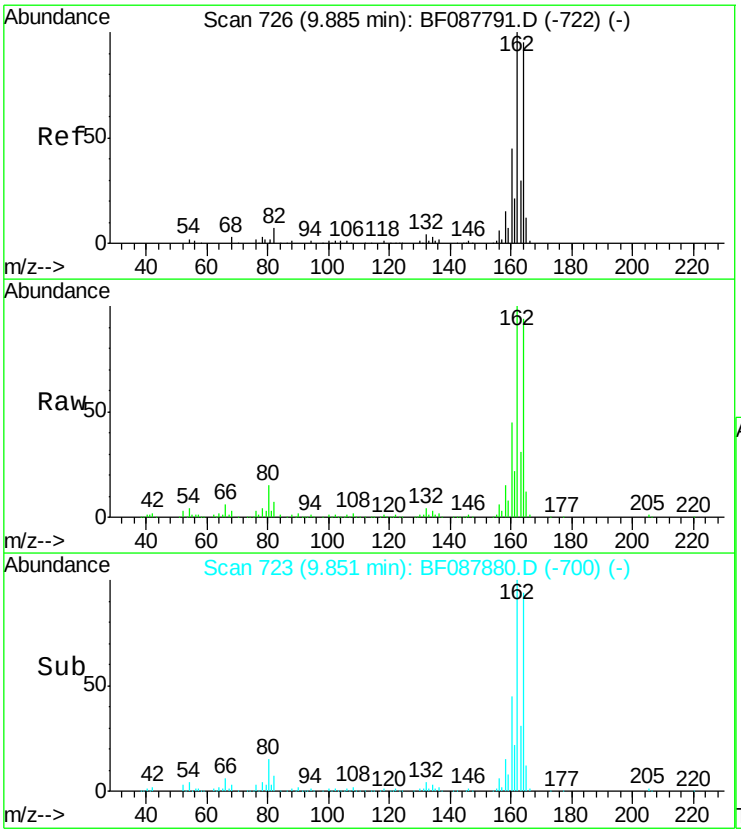
#31
Naphthalene
Concen: 3.59 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:128 Resp: 78815

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.2
127	12.9	10.9	16.3

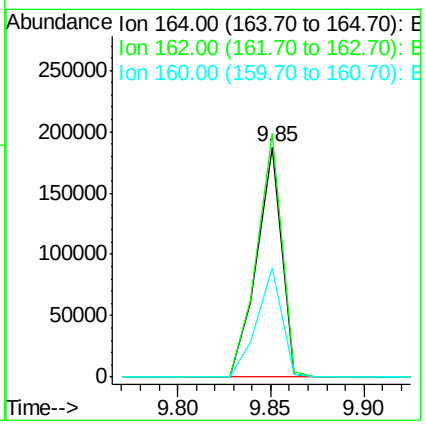


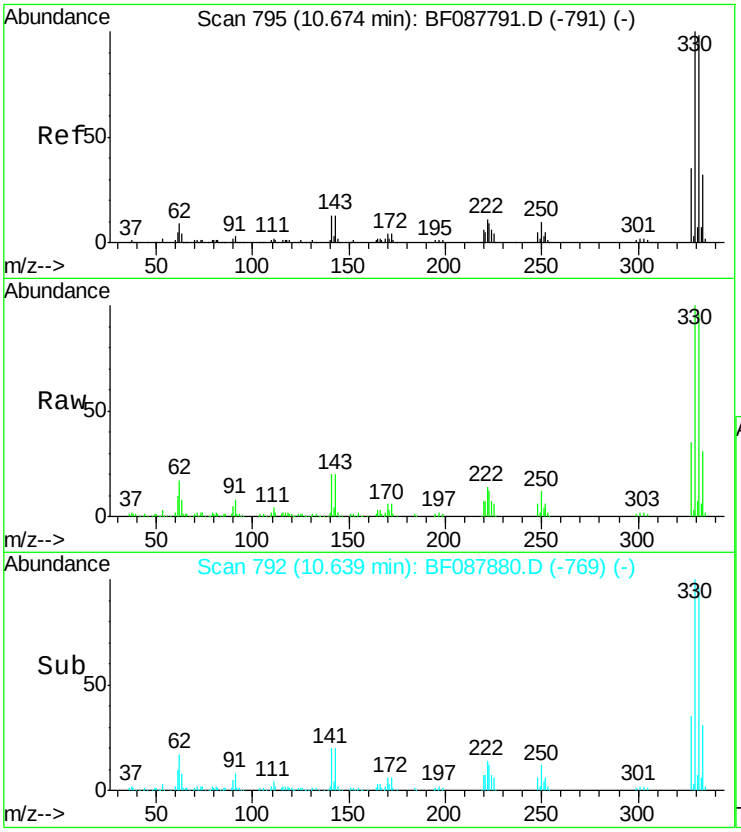


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:164 Resp: 171921

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	47.5	39.5	59.3



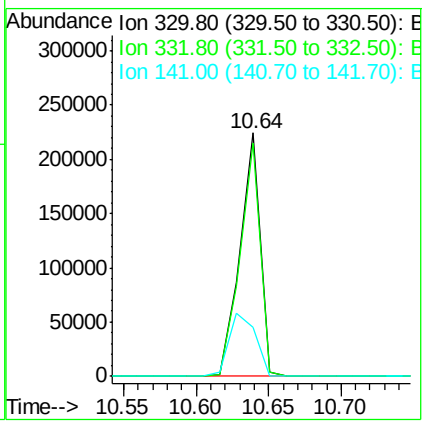


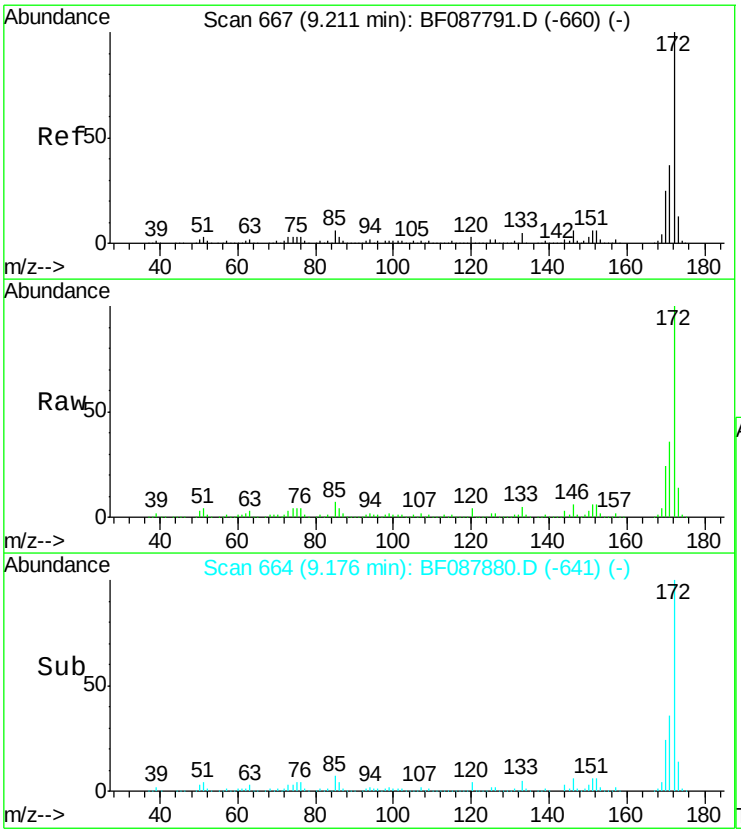
#41
2,4,6-Tribromophenol
Concen: 119.70 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:330 Resp: 217285

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.2	0.0	0.0#

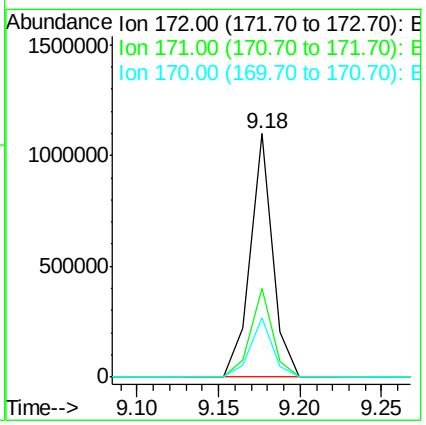


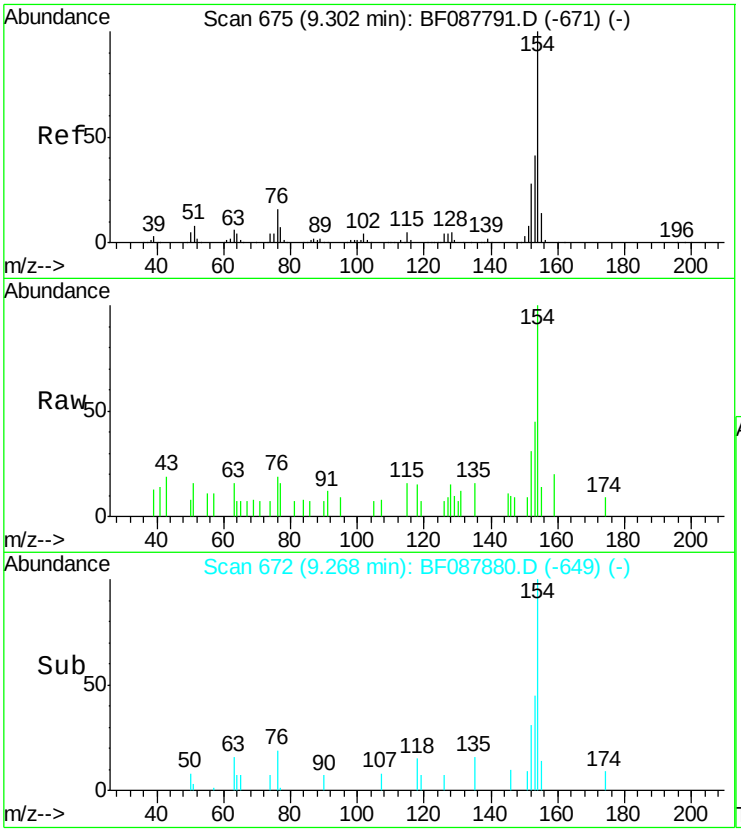


#44
2-Fluorobiphenyl
Concen: 96.75 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:172 Resp: 1050426

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.2	28.8



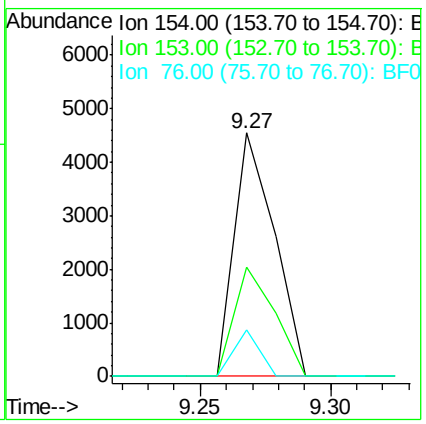


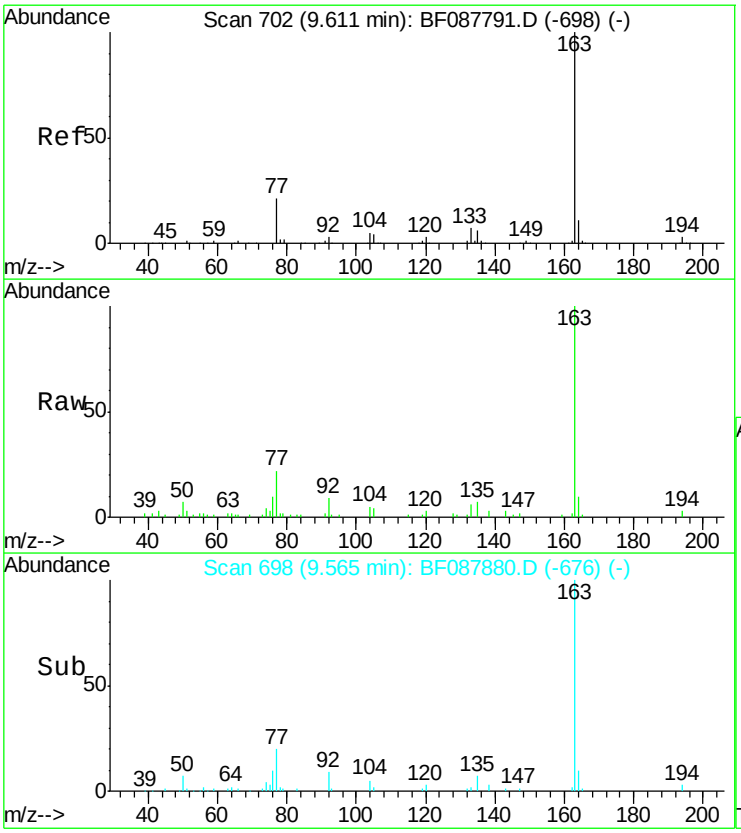
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:154 Resp: 4912

Ion	Ratio	Lower	Upper
154	100		
153	44.7	20.6	60.6
76	18.9	0.0	35.1

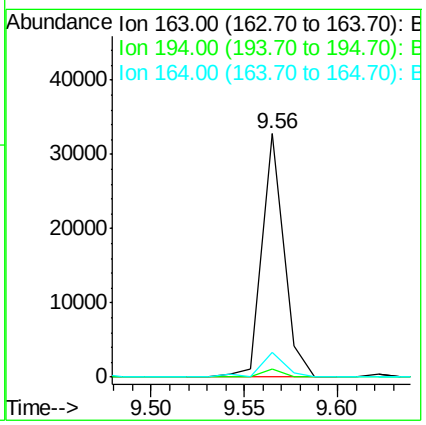


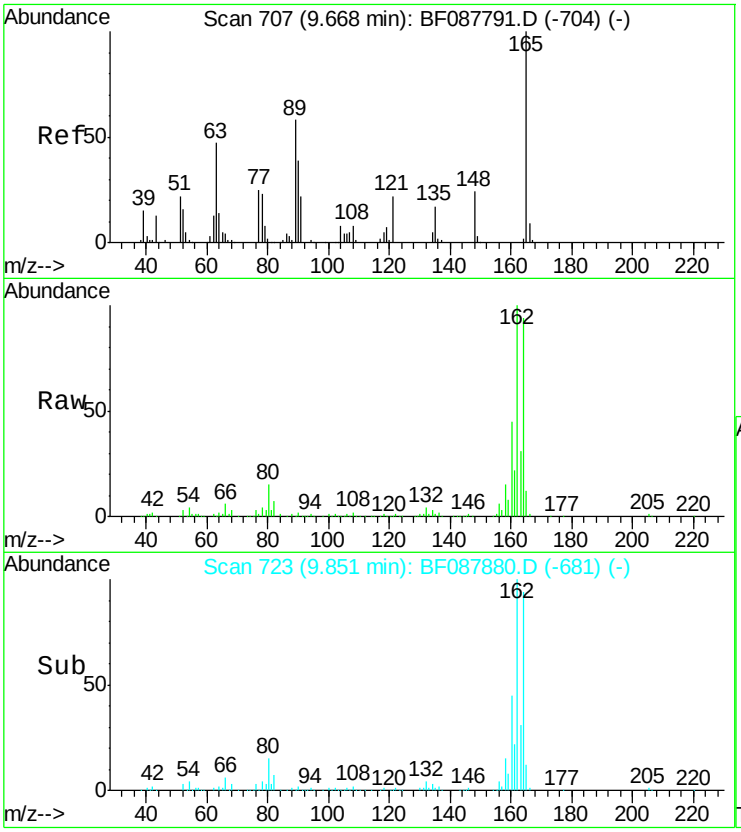


#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:163 Resp: 26507

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.3	12.5



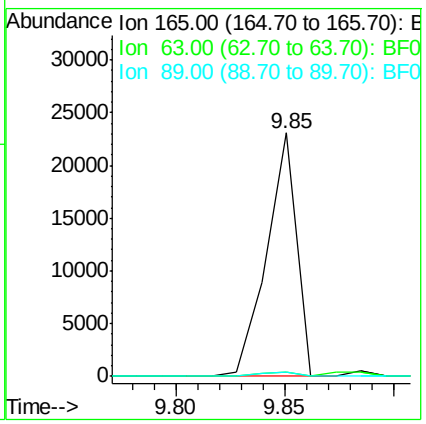


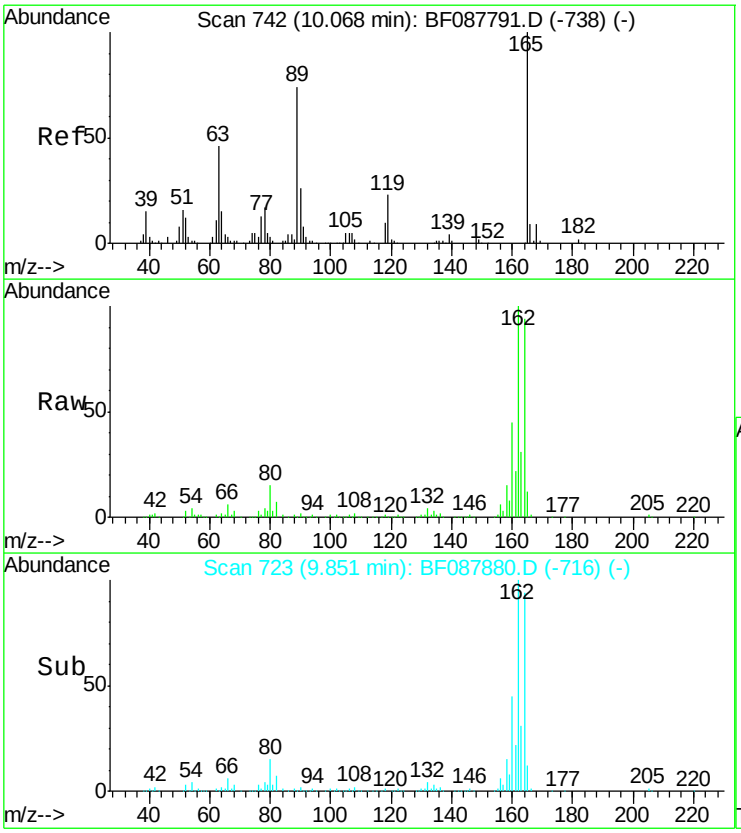
#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:165 Resp: 22236

Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.1	42.1#
89	1.8	32.2	48.2#

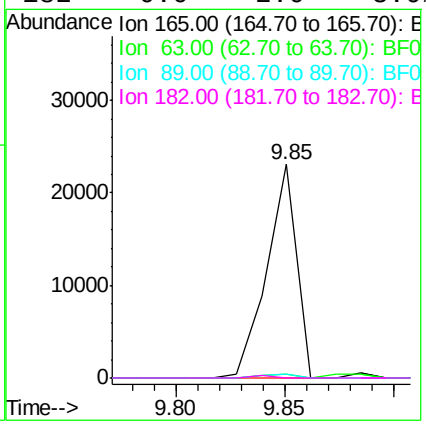


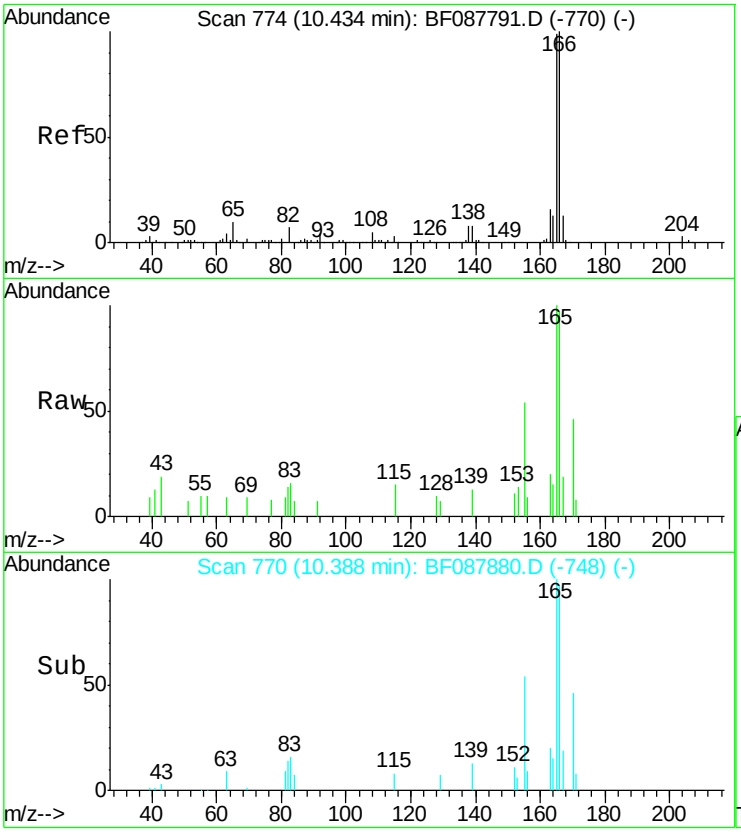


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:165 Resp: 22236

Ion	Ratio	Lower	Upper
165	100		
63	1.9	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



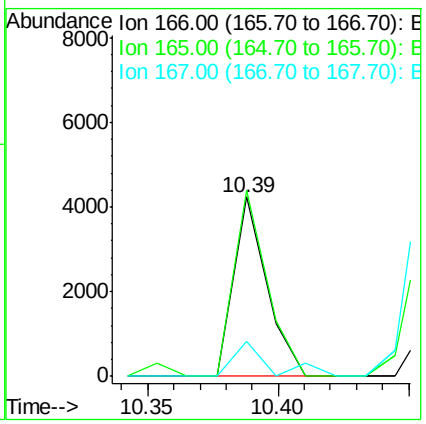


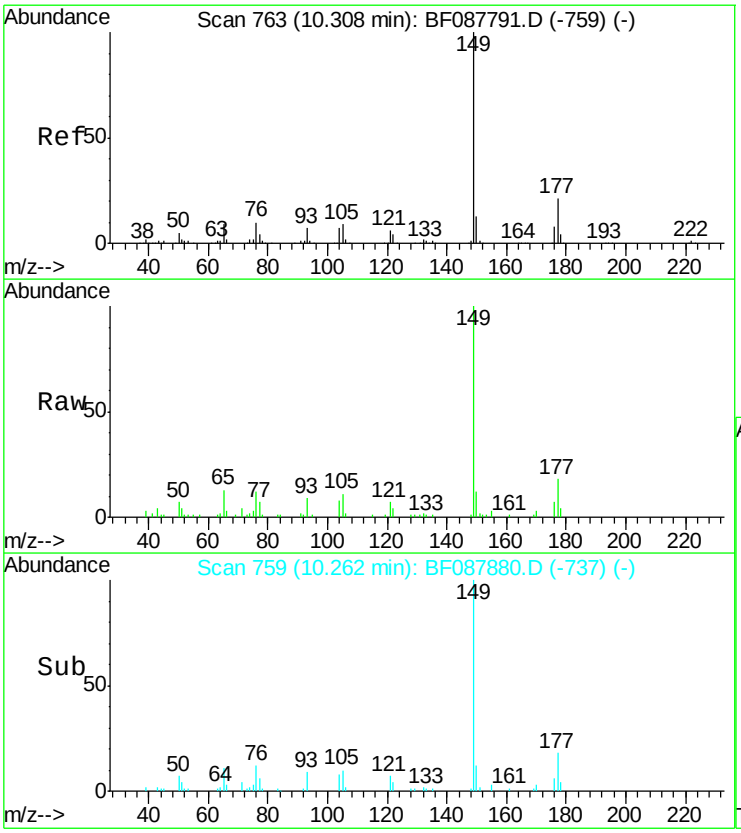
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:166 Resp: 3755

Ion	Ratio	Lower	Upper
166	100		
165	103.6	77.8	116.8
167	19.5	11.2	16.8#

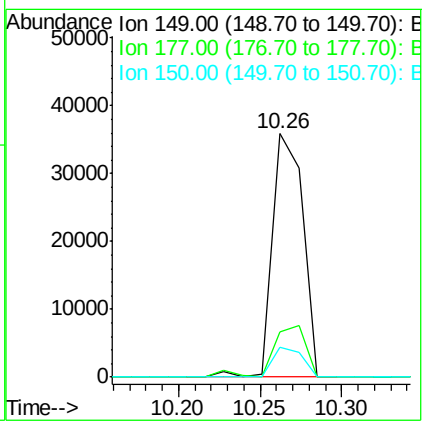


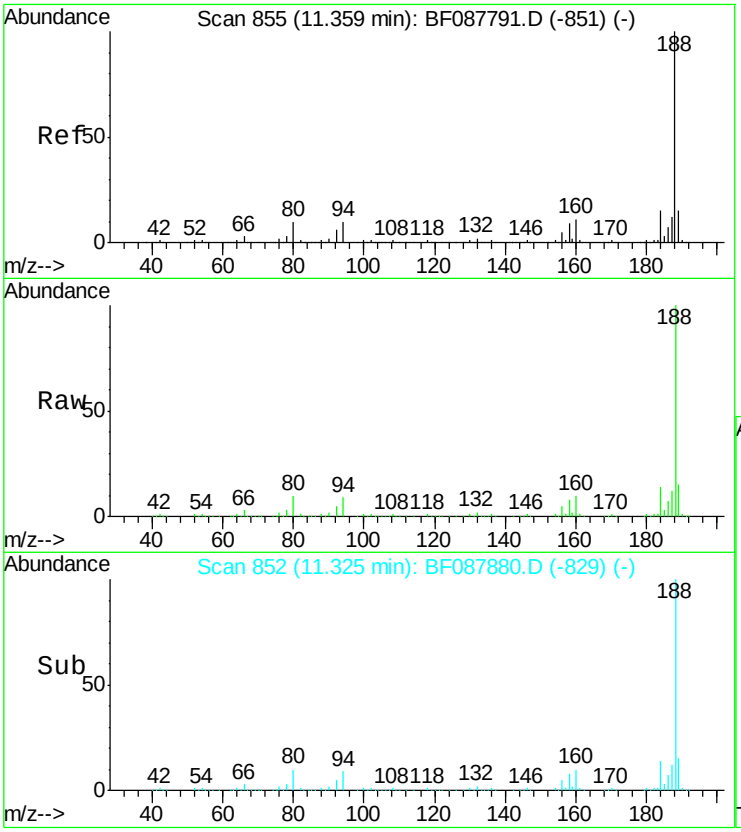


#59
Diethylphthalate
Concen: 3.69 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:149 Resp: 46497

Ion	Ratio	Lower	Upper
149	100		
177	18.3	16.9	25.3
150	12.4	10.1	15.1



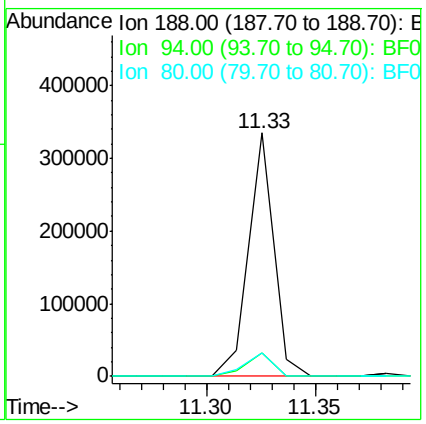


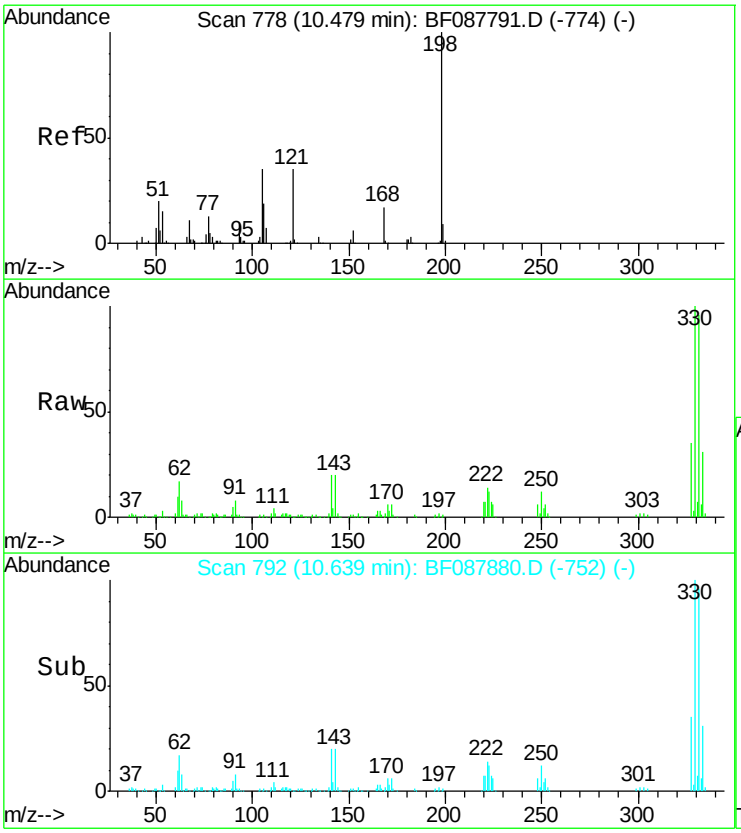
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:188 Resp: 271834

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.6
80	9.8	10.0	15.0#

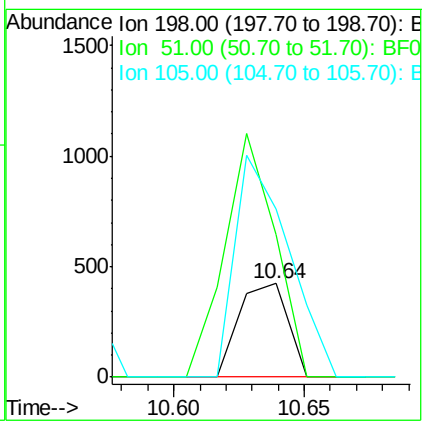


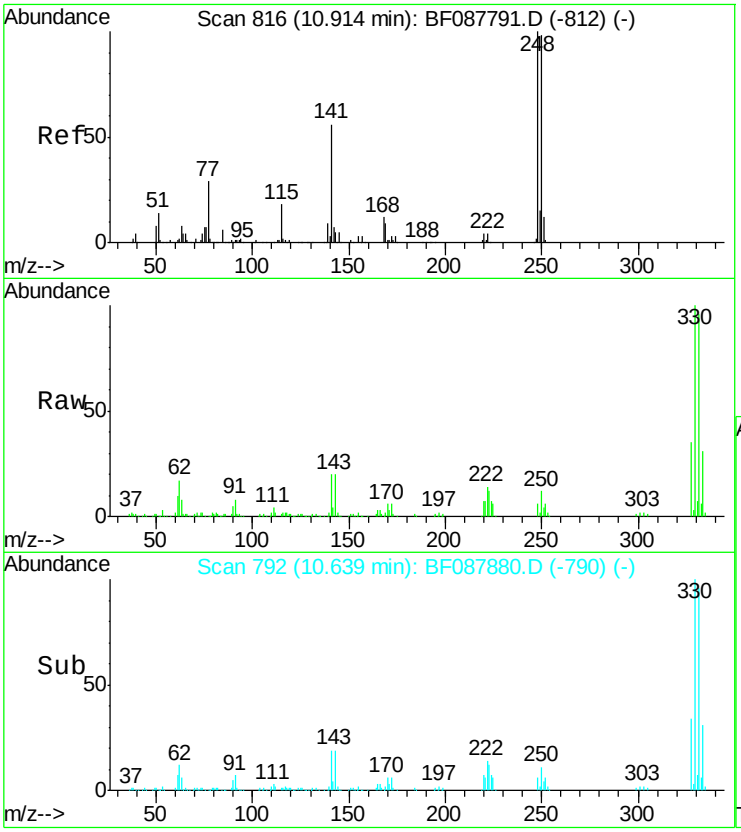


#64
4,6-Dinitro-2-methylphenol
Concen: 2.47 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.16 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:198 Resp: 549

Ion	Ratio	Lower	Upper
198	100		
51	152.4	39.6	79.6#
105	179.7	36.6	76.6#



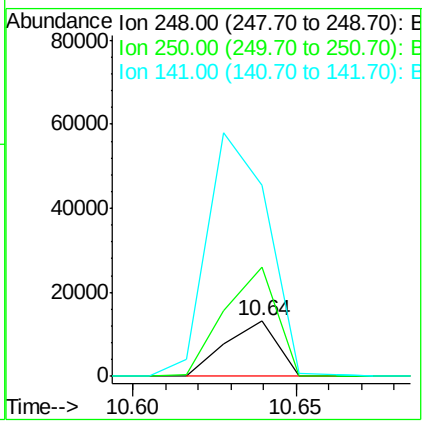


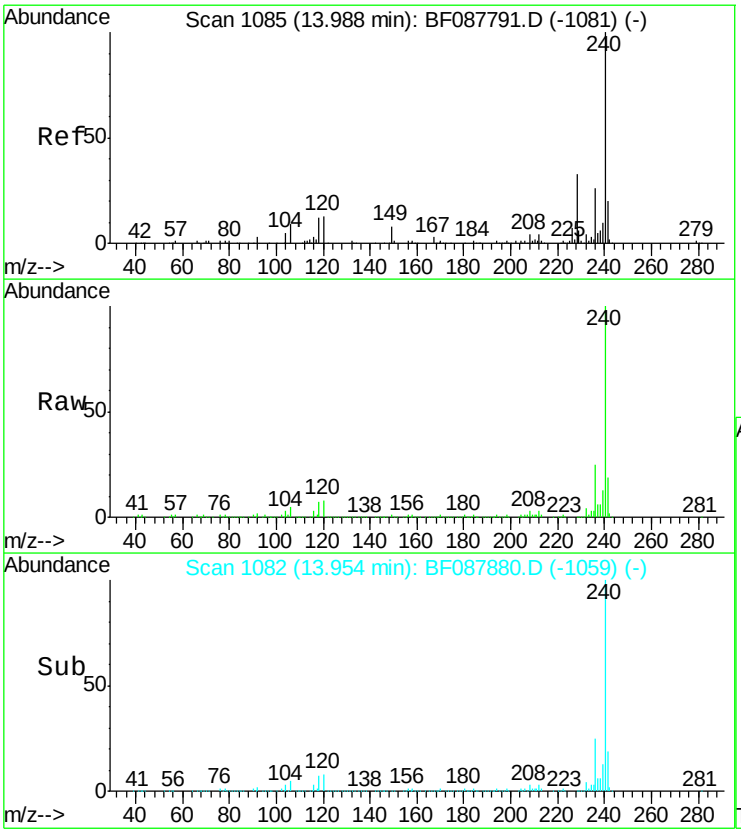
#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:248 Resp: 14533

Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.1	115.7#
141	341.2	50.6	76.0#

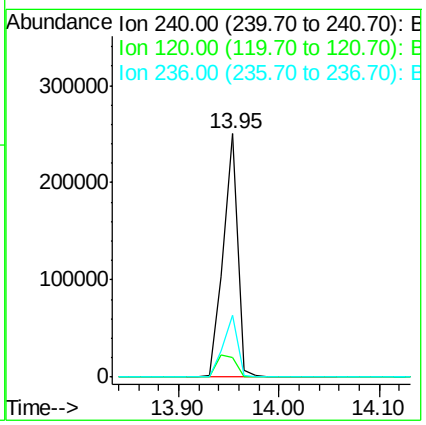


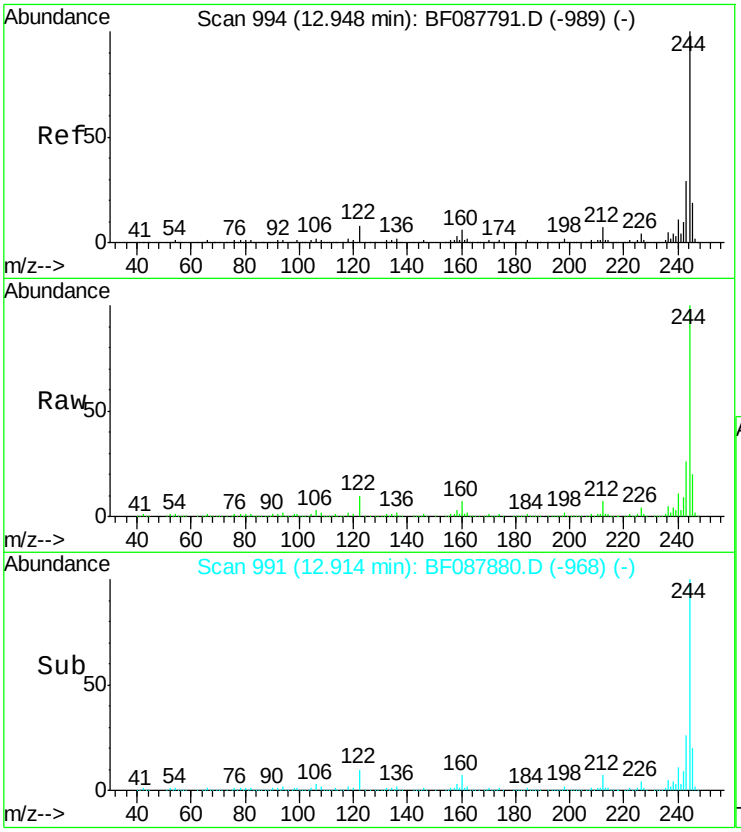


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:240 Resp: 250531

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	25.5	20.2	30.2



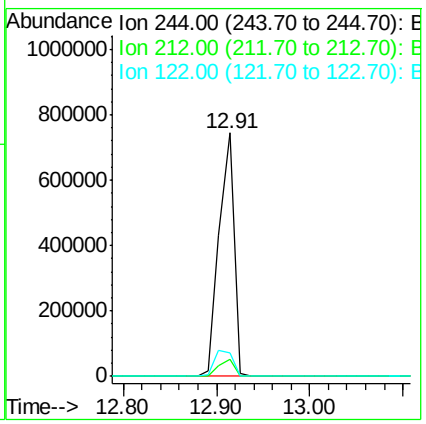


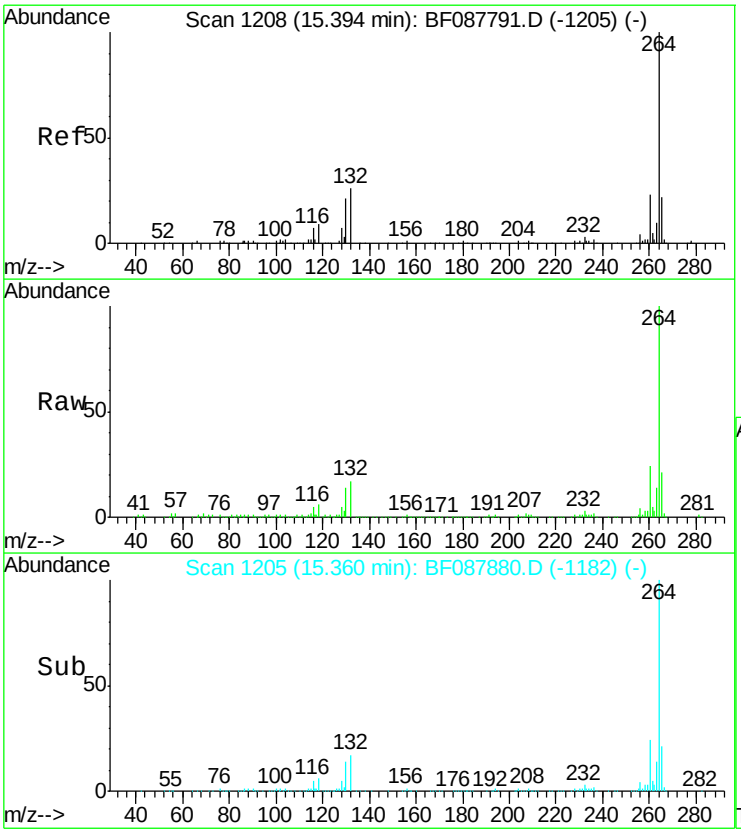
#78
Terphenyl-d14
Concen: 75.04 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:244 Resp: 826217

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.7	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087880.D
Acq: 10 Jun 2016 17:54

Tgt Ion:264 Resp: 204230

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	16.9	25.3