Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087927.D
Acq On : 12 Jun 2016 4:23
Operator : UM/SJ
Sample : PB91249BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91249BL

Quant Time: Jun 12 06:01:34 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	6.80	152	111968	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	455840	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	184545	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	384152	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	327350	20.00	ng	-0.03
86) Perylene-d12	15.37	264	269311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	836998	127.79	ng	-0.03
7) Phenol-d6	6.43	99	946364	119.23	ng	-0.05
23) Nitrobenzene-d5	7.37	82	656425	84.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	215286	110.48	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	950749	80.65	ng	-0.05
78) Terphenyl-d14	12.91	244	946543	65.80	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.57	94	1647	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	85122	16.76	ng	# 67
45) 1,1'-Biphenyl	9.16	154	1851	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.84	165	23430	7.65	ng	# 38
56) 2,4-Dinitrotoluene	9.84	165	23426	5.95	ng	# 37
57) Fluorene	10.63	166	10416	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.63	198	396	2.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13704	3.33	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087927.D
Acq On : 12 Jun 2016 4:23
Operator : UM/SJ
Sample : PB91249BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
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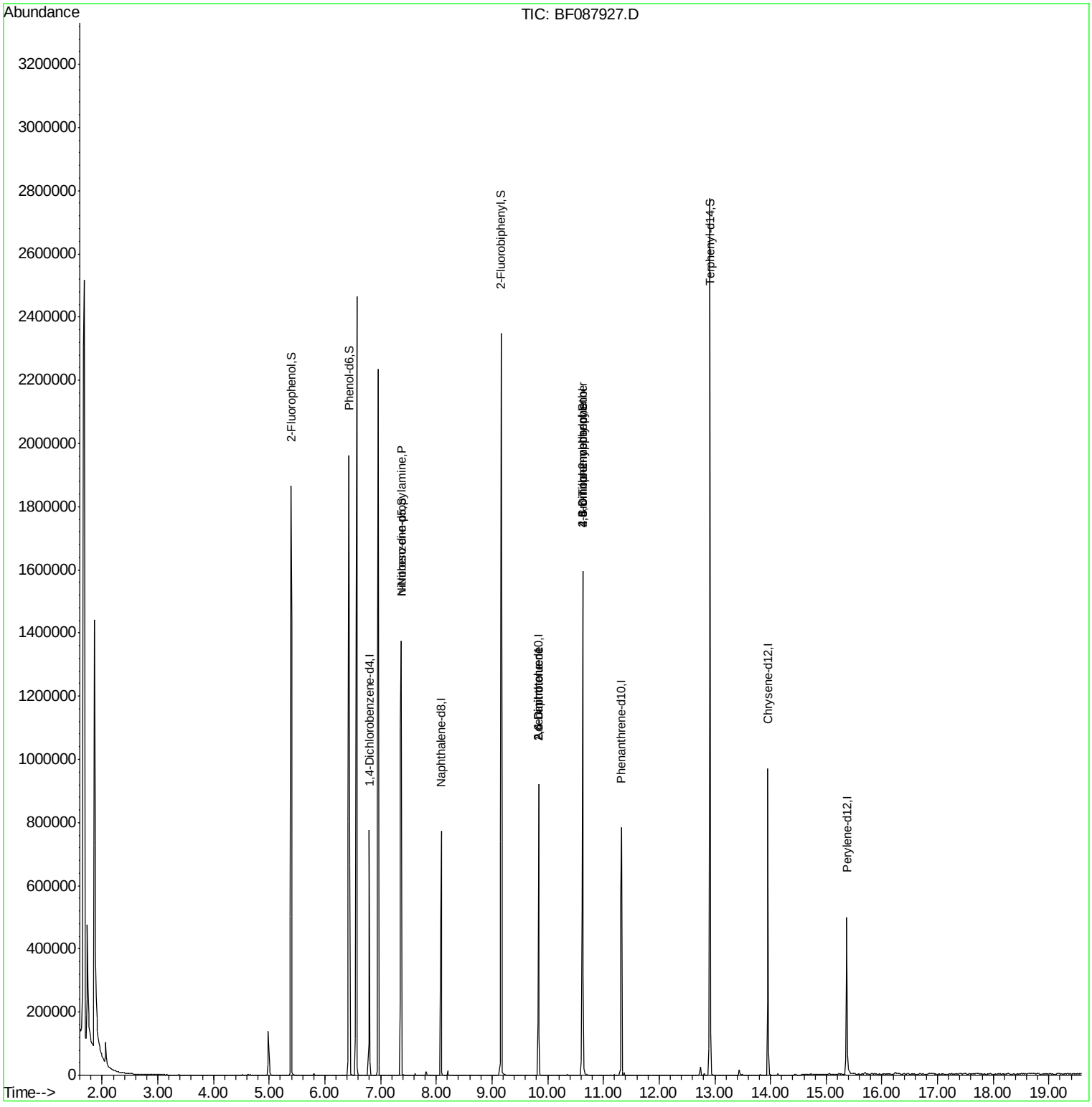
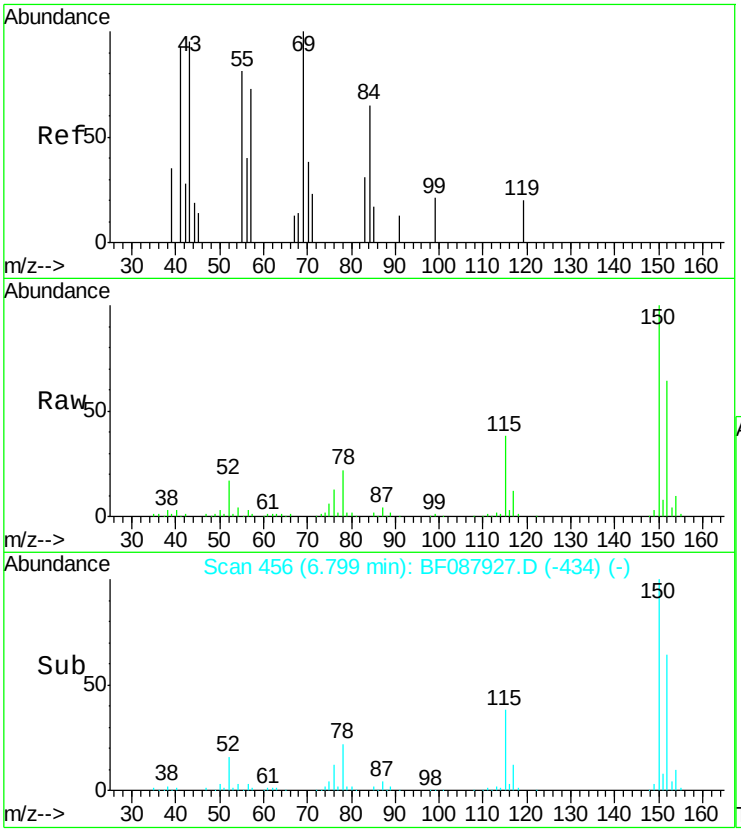


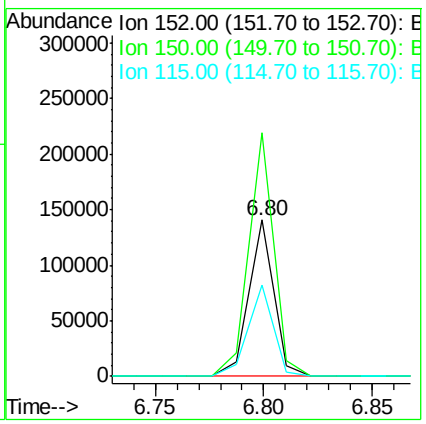


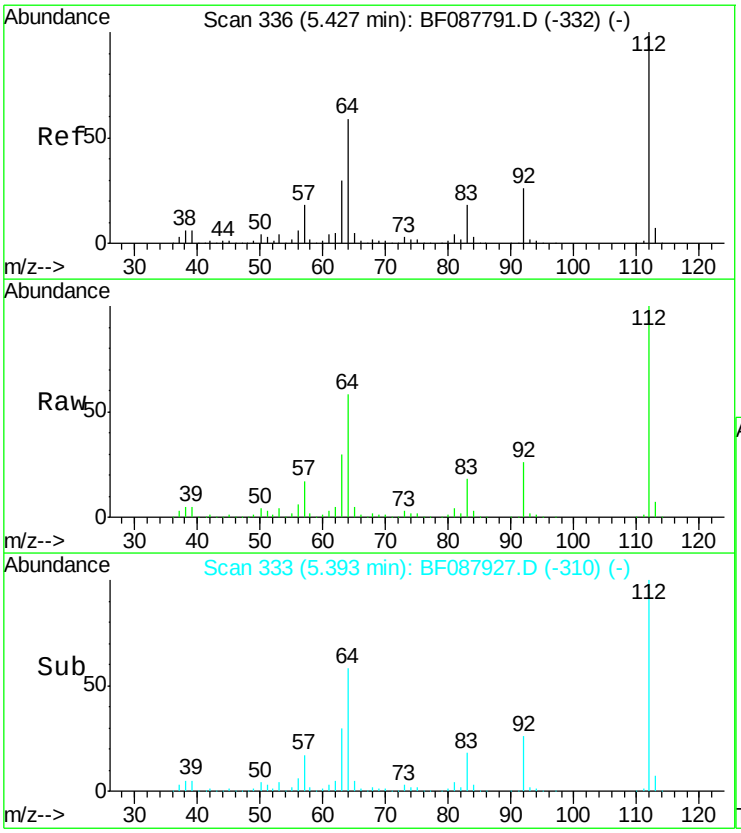
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:152 Resp: 111968

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	58.5	39.6	59.4

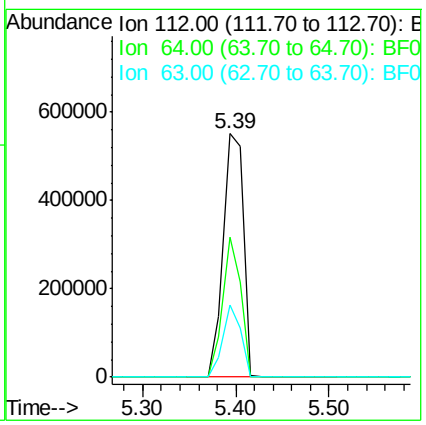


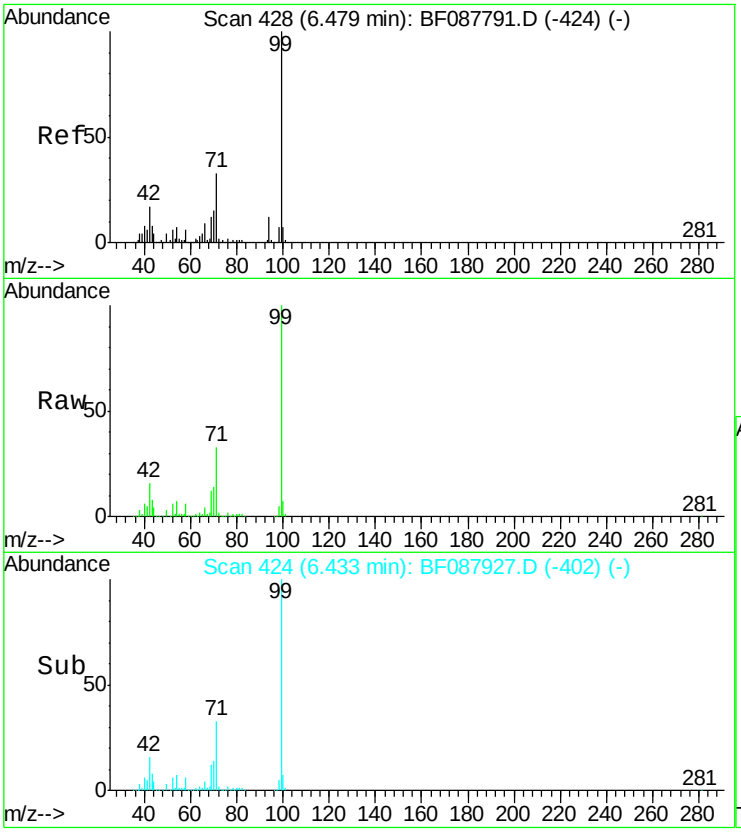


#5
2-Fluorophenol
Concen: 127.79 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:112 Resp: 836998

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	29.6	21.8	32.8



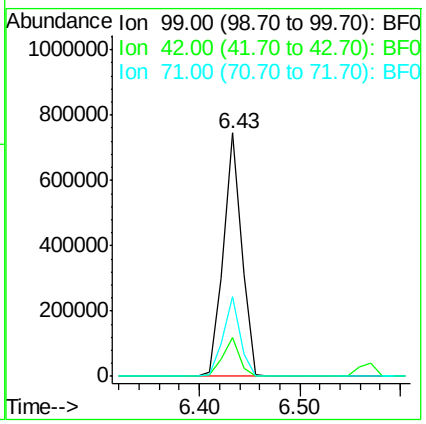


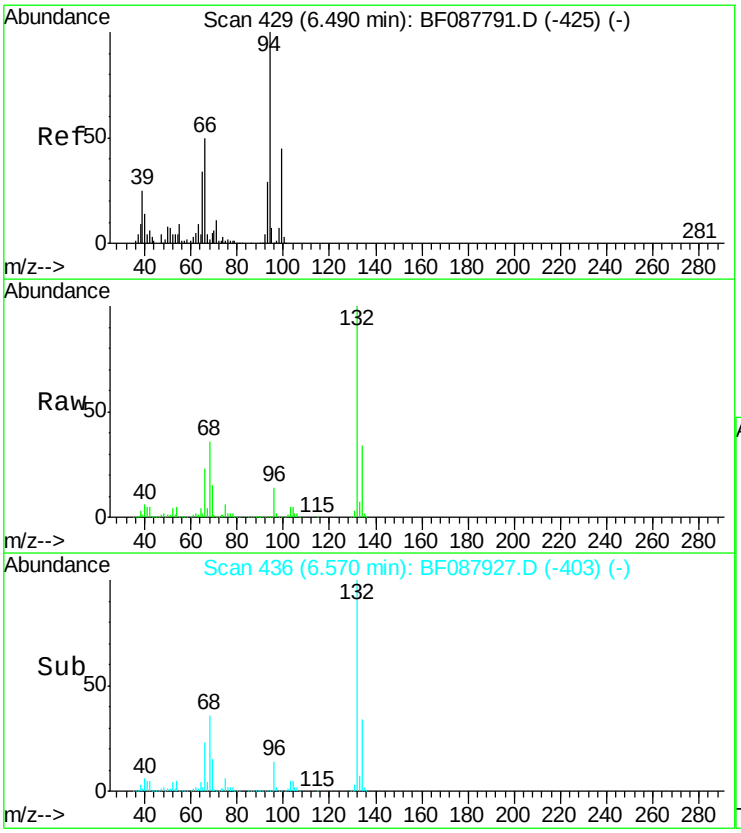
#7
Phenol-d6
Concen: 119.23 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion: 99 Resp: 946364

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	32.8	23.4	35.0

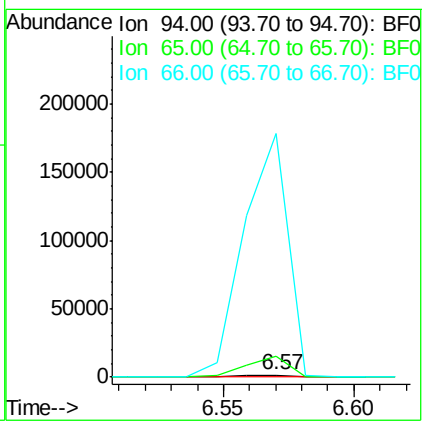


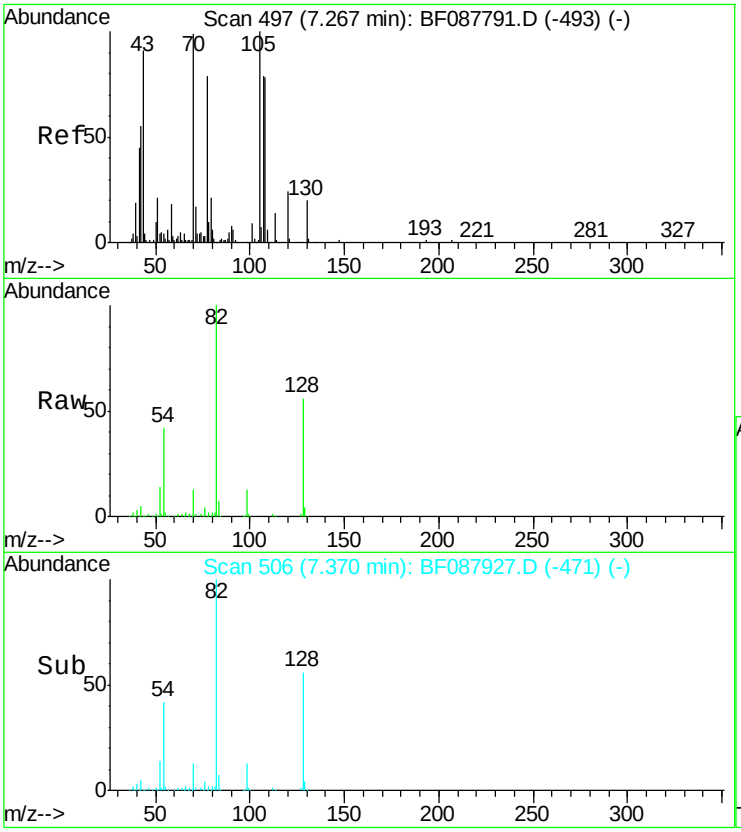


#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.08 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion: 94 Resp: 1647

Ion	Ratio	Lower	Upper
94	100		
65	946.9	5.9	45.9#
66	11299.4	14.0	54.0#



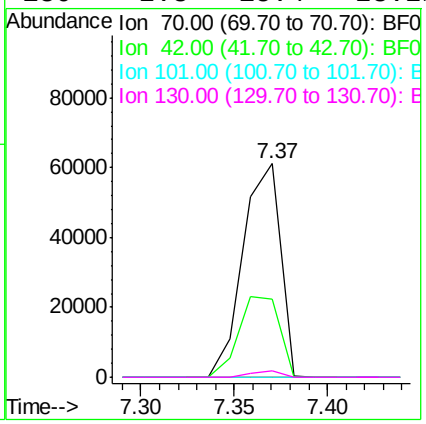


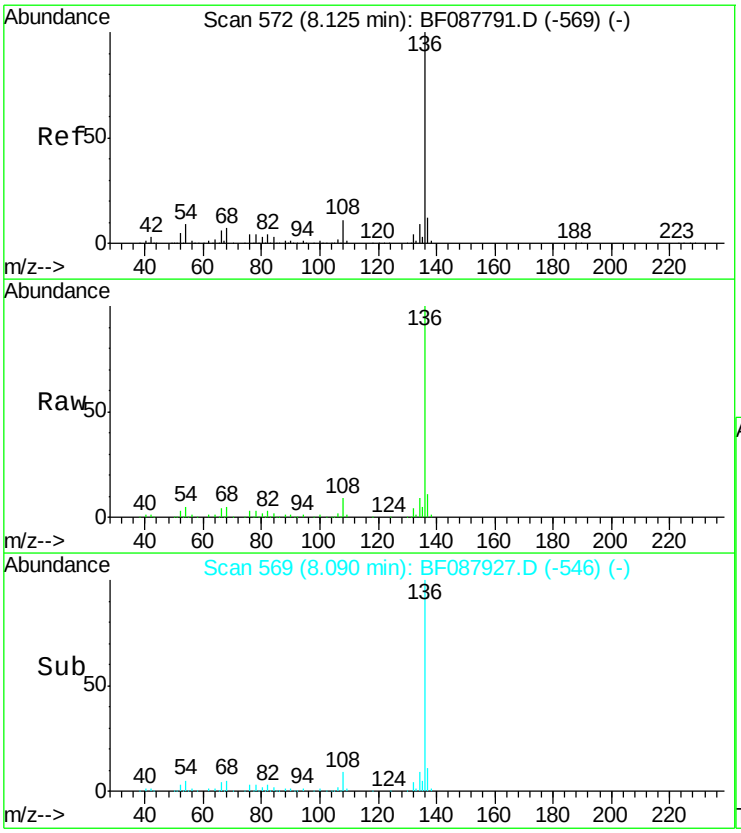
#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion: 70 Resp: 85122

Ion	Ratio	Lower	Upper
70	100		
42	36.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.8	15.4	23.2#

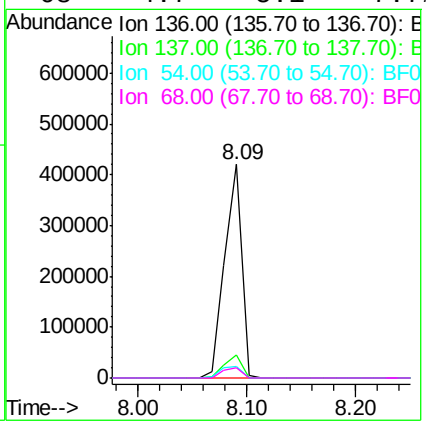


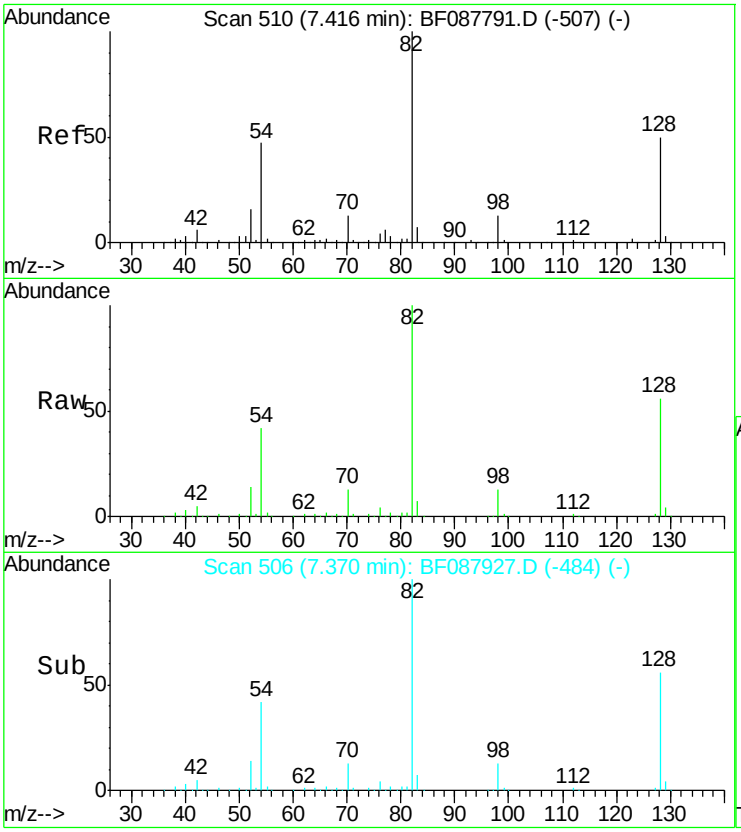


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:136 Resp: 455840

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.5	6.6	10.0#
68	4.7	5.1	7.7#



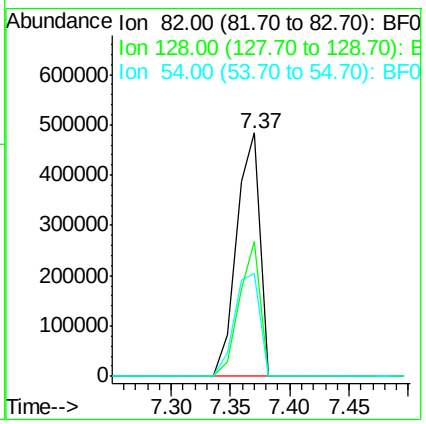


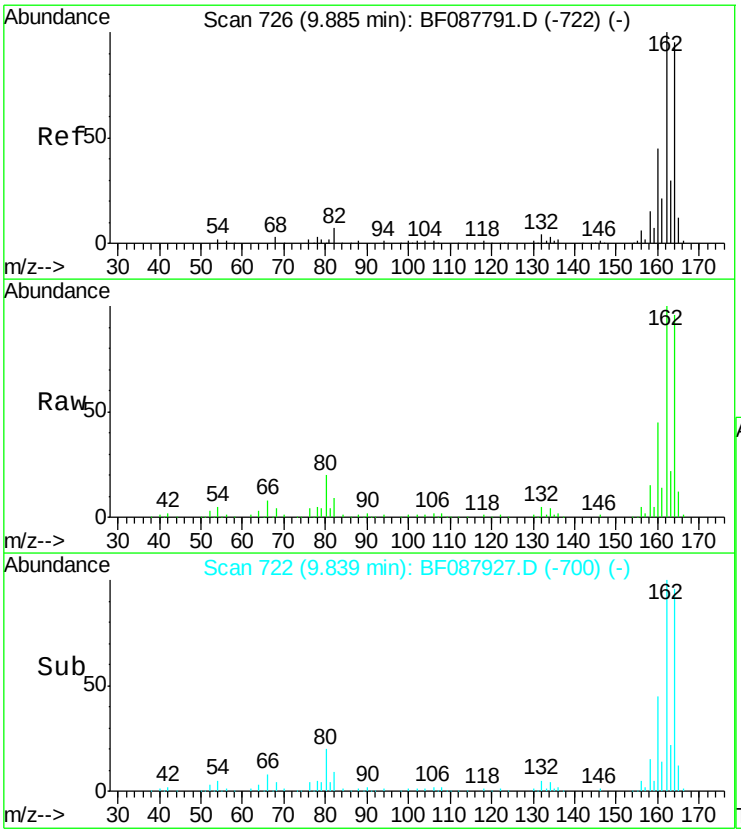
#23
Nitrobenzene-d5
Concen: 84.09 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion: 82 Resp: 656425

Ion	Ratio	Lower	Upper
82	100		
128	55.6	35.9	53.9#
54	42.3	40.9	61.3

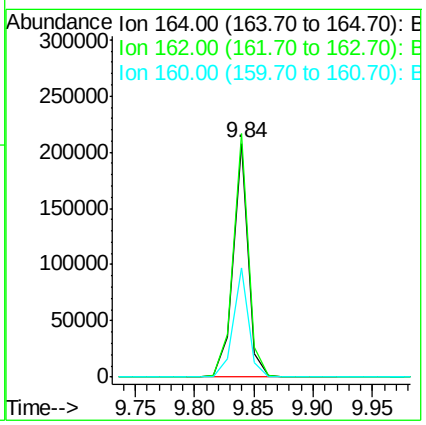


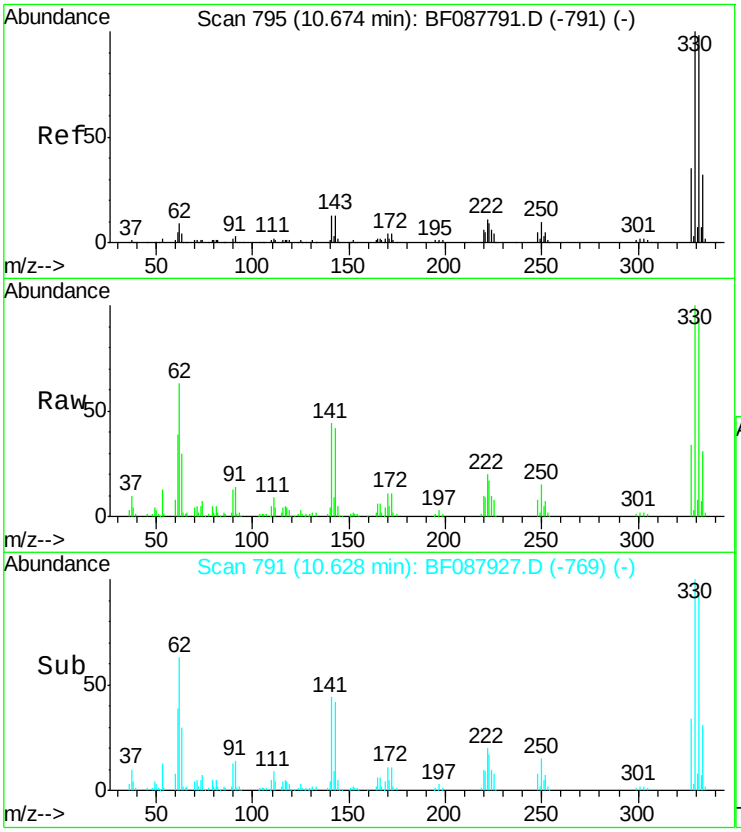


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:164 Resp: 184545

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.6	39.5	59.3



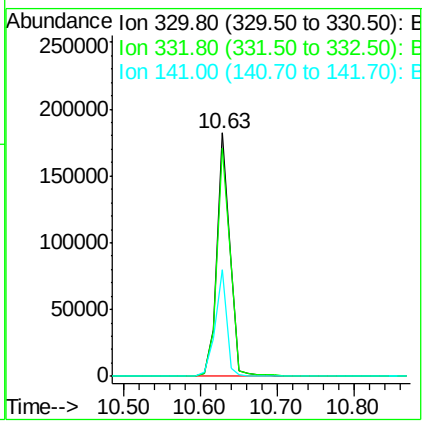


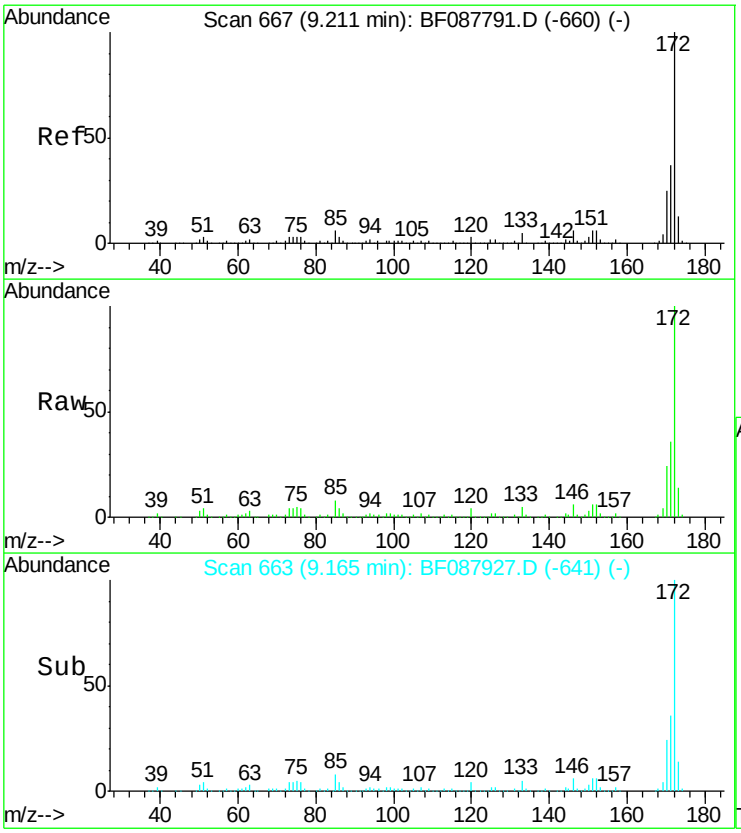
#41
2,4,6-Tribromophenol
Concen: 110.48 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:330 Resp: 215286

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.1	0.0	0.0#

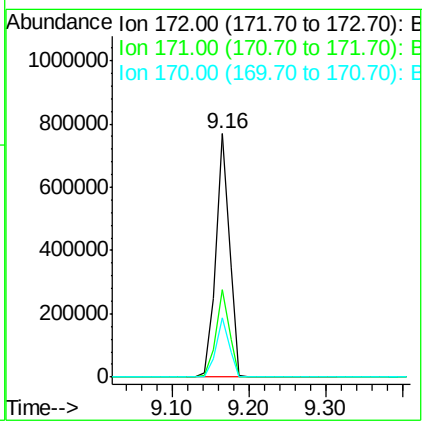


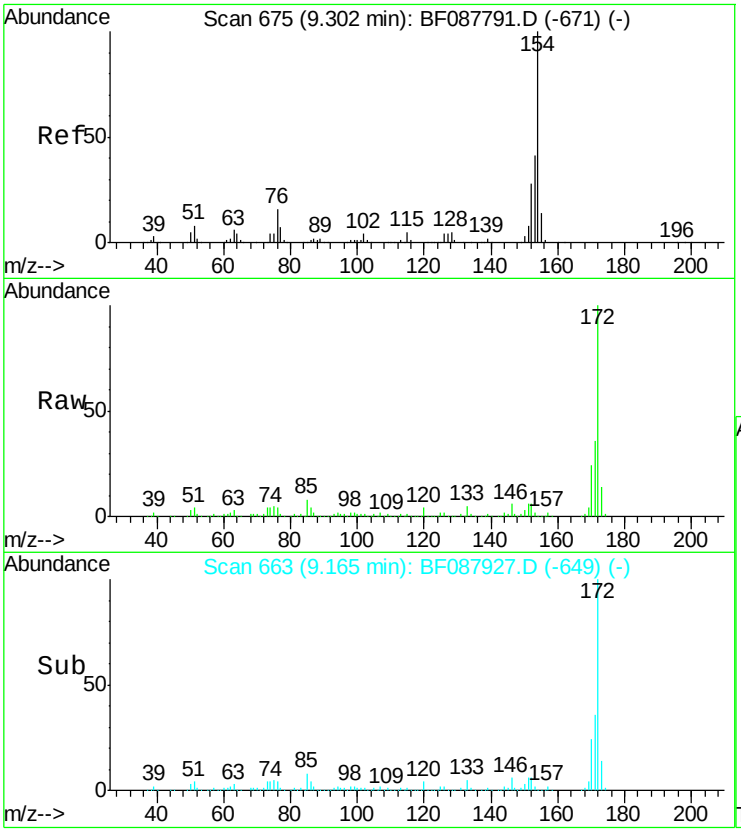


#44
2-Fluorobiphenyl
Concen: 80.65 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:172 Resp: 950749

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8



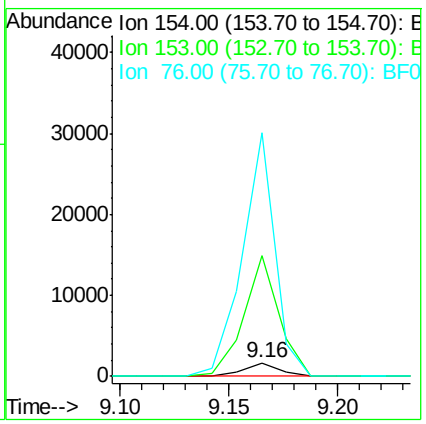


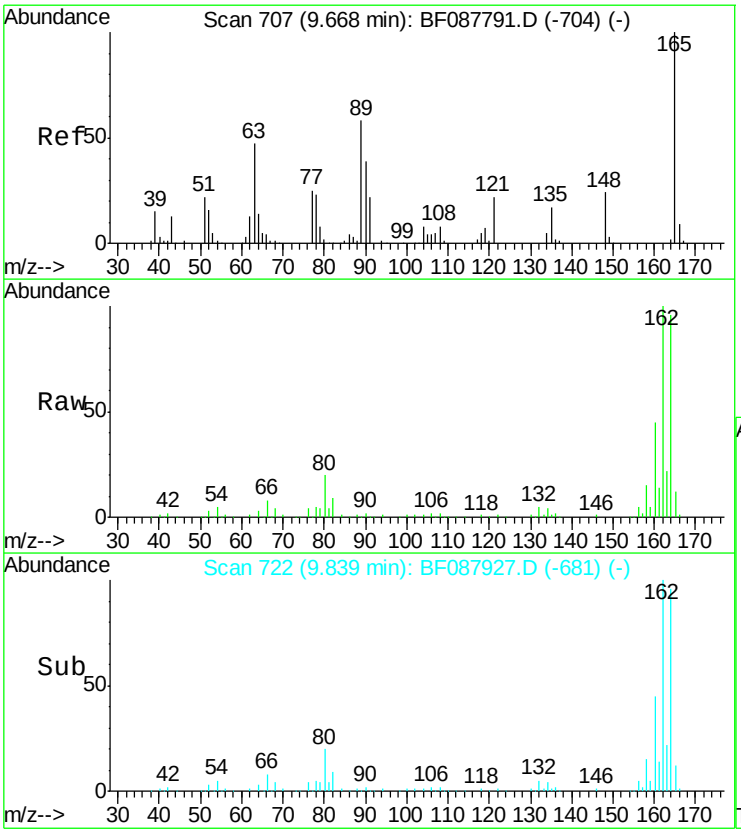
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:154 Resp: 1851

Ion	Ratio	Lower	Upper
154	100		
153	902.8	20.6	60.6#
76	1812.0	0.0	35.1#

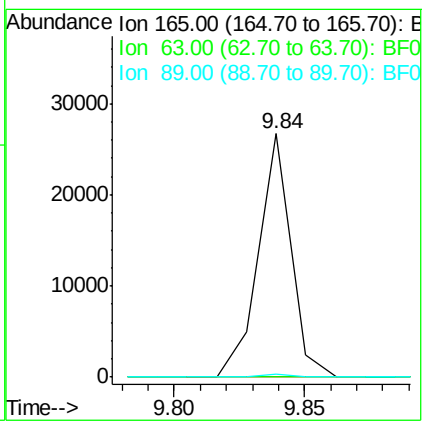


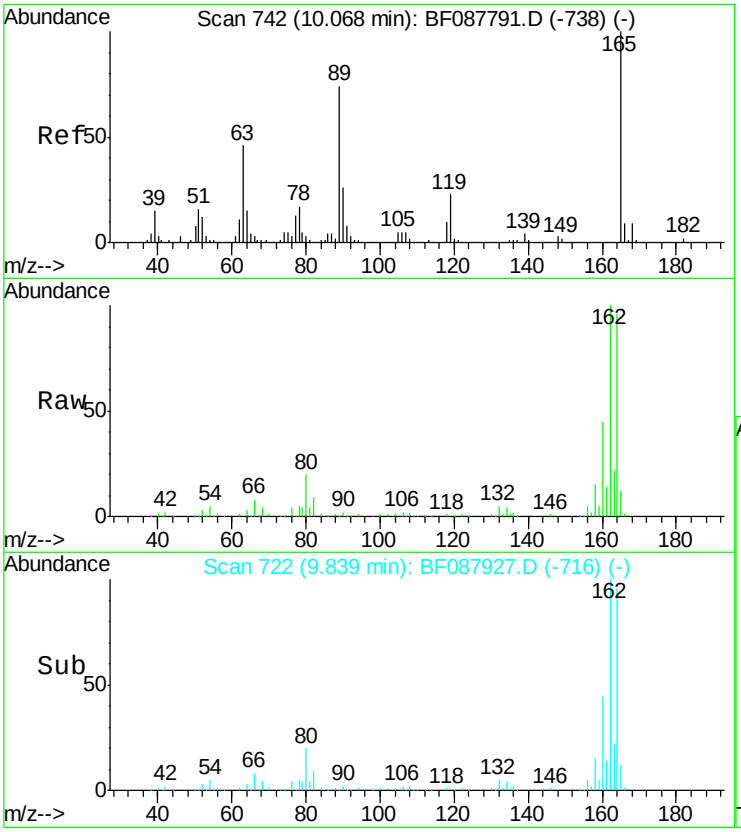


#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:165 Resp: 23430

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.3	32.2	48.2#



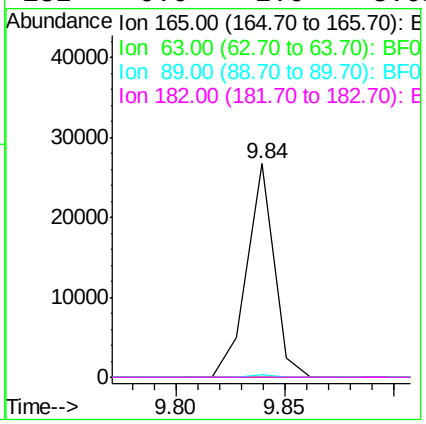


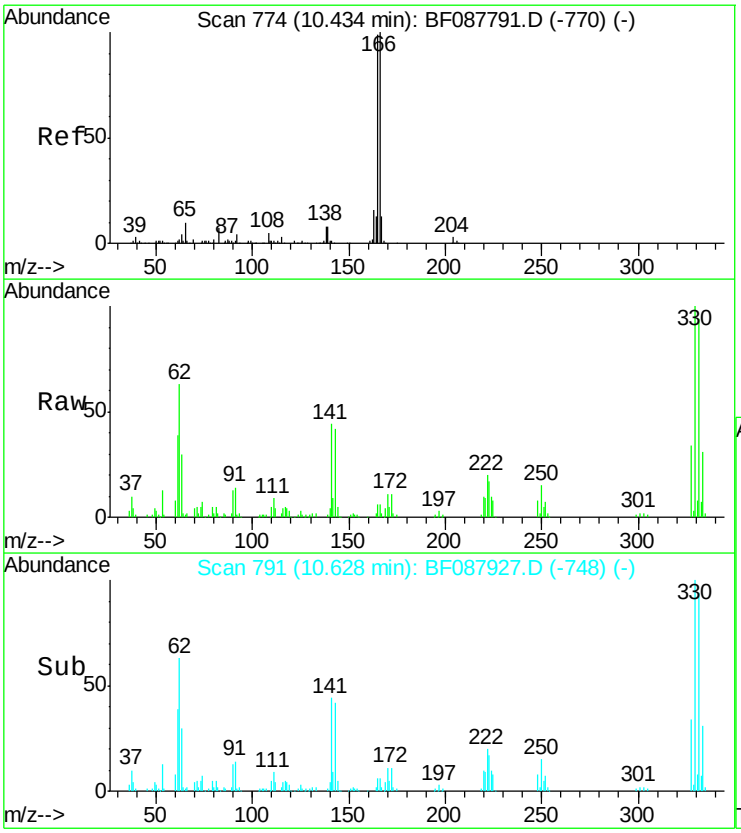
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:165 Resp: 23426

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

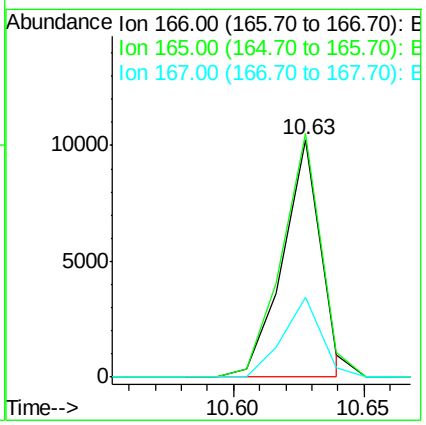


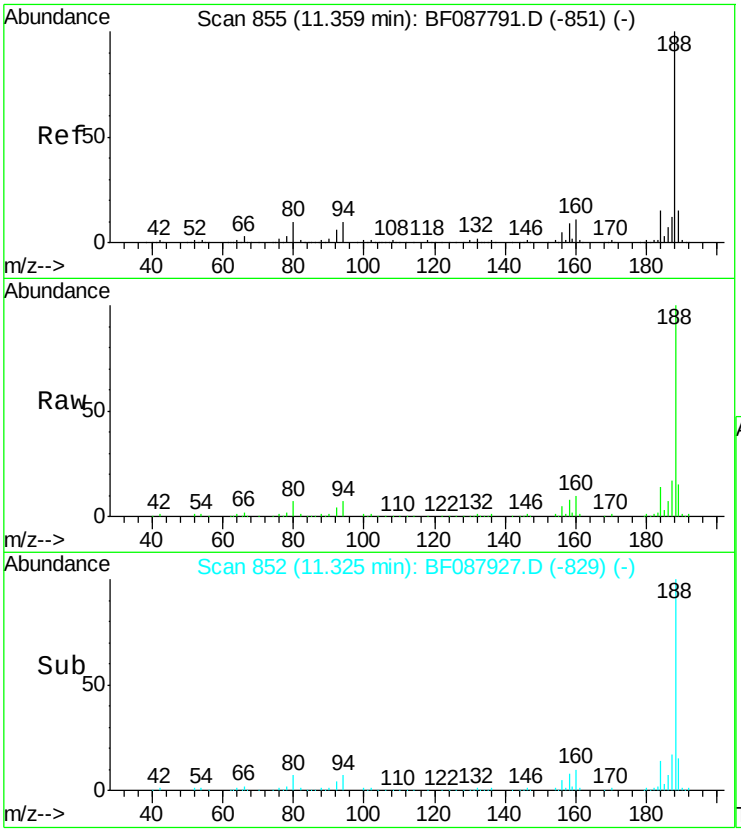


#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:166 Resp: 10416

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.8	116.8
167	33.6	11.2	16.8#



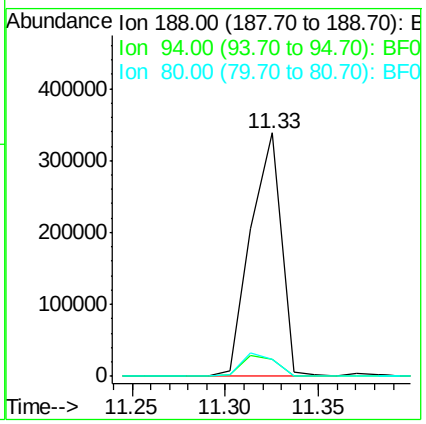


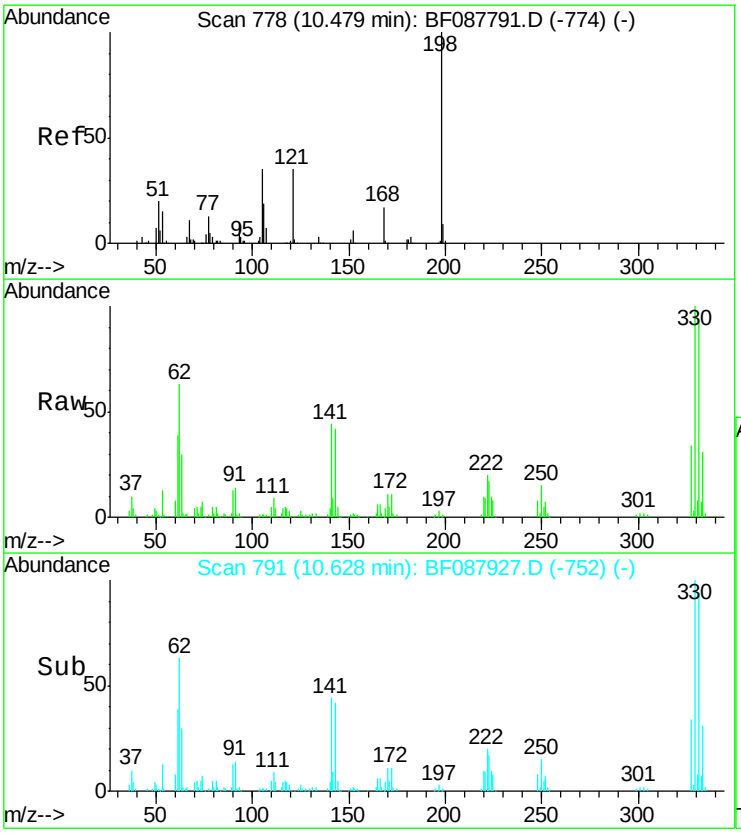
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:188 Resp: 384152

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	7.0	10.0	15.0#

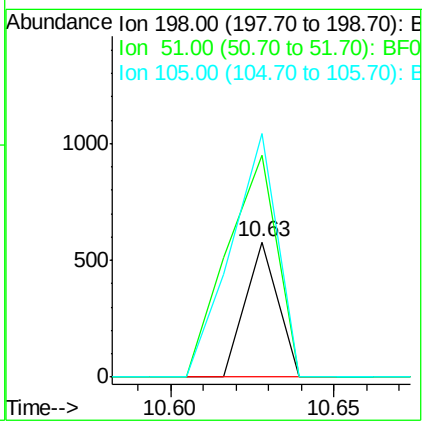


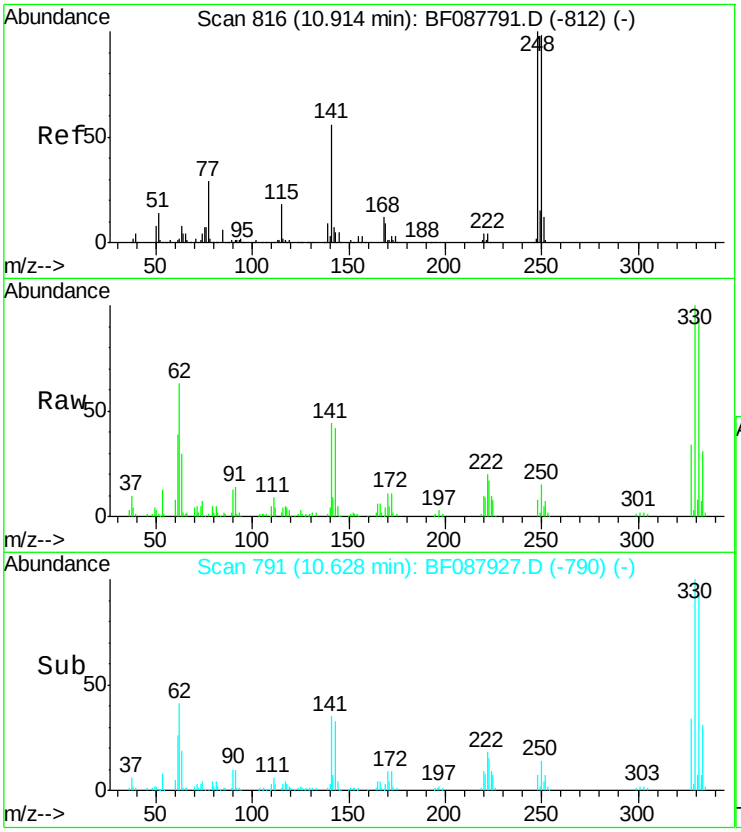


#64
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:198 Resp: 396

Ion	Ratio	Lower	Upper
198	100		
51	164.0	39.6	79.6#
105	180.3	36.6	76.6#



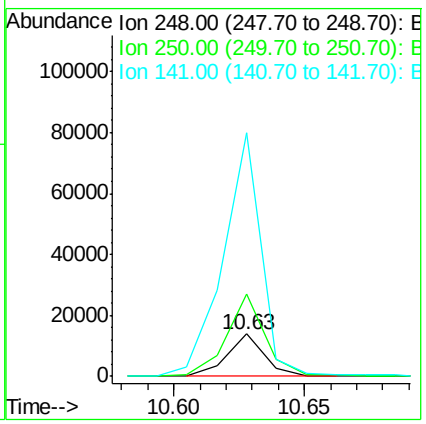


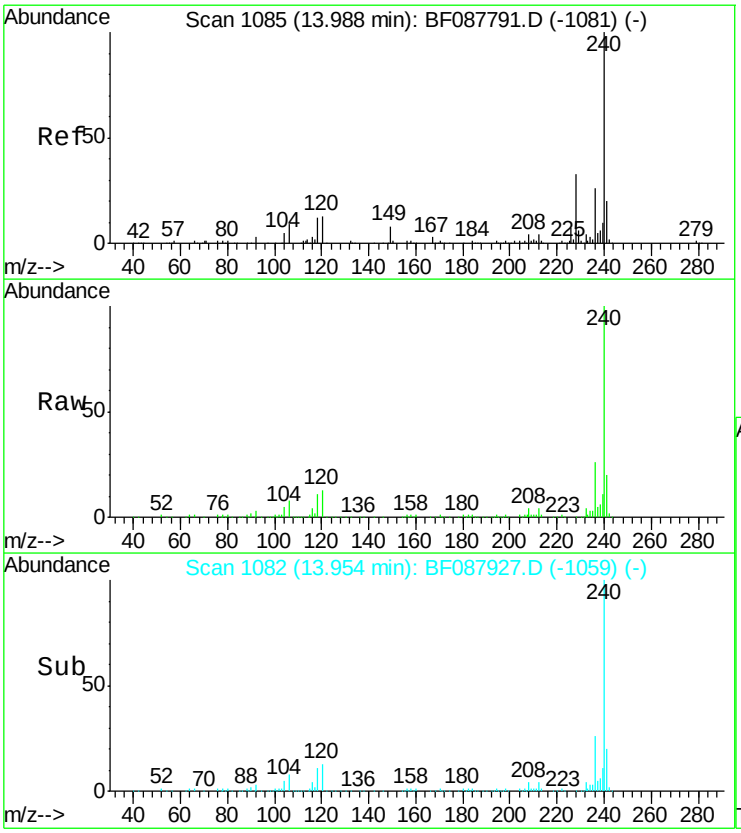
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:248 Resp: 13704

Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.1	115.7#
141	576.9	50.6	76.0#

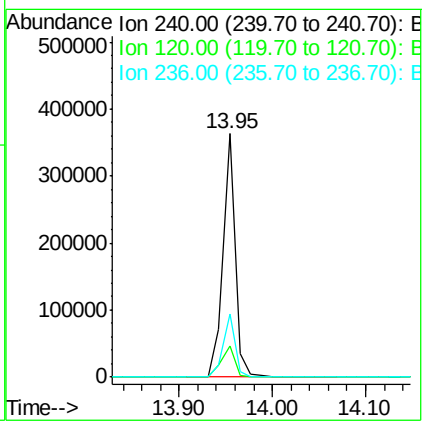


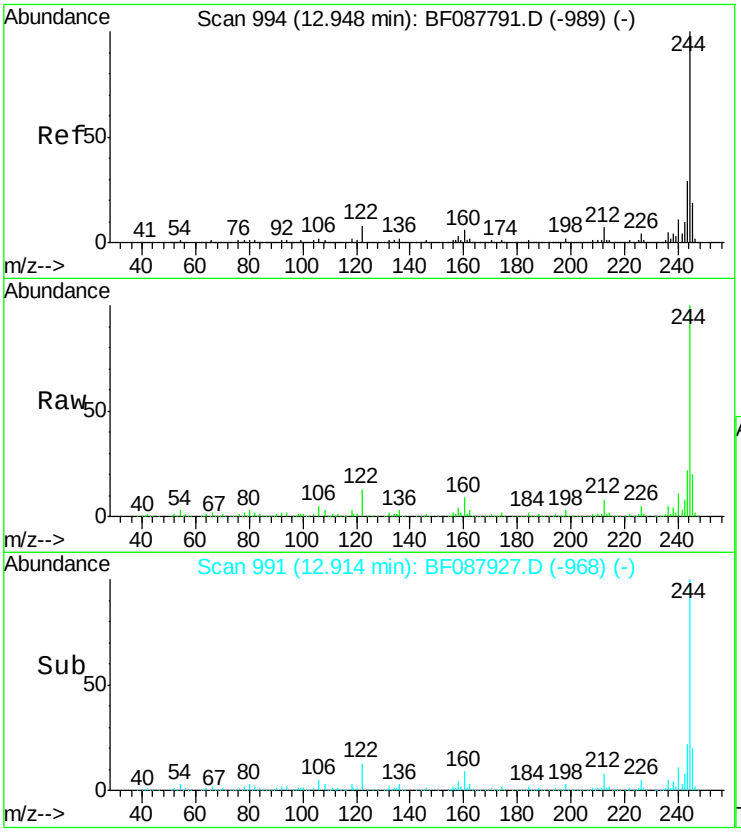


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:240 Resp: 327350

Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	25.8	20.2	30.2



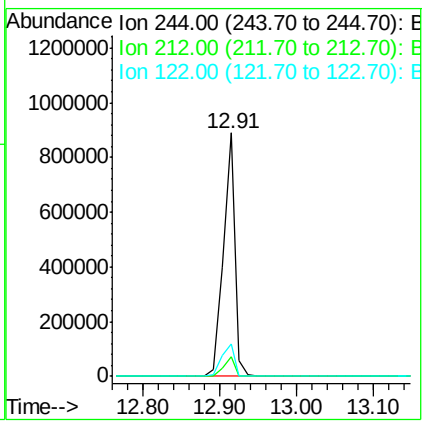


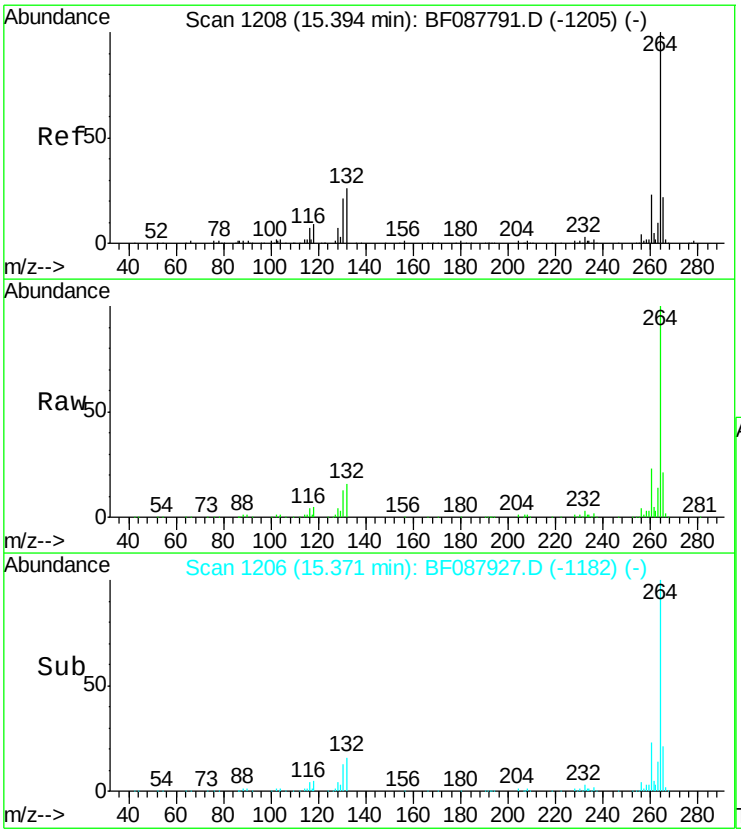
#78
Terphenyl-d14
Concen: 65.80 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tgt Ion:244 Resp: 946543

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:264 Resp: 269311

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	16.9	25.3